

**CONTRACT DOCUMENTS  
AND  
TECHNICAL SPECIFICATIONS  
FOR  
LANDING, STAIR & SIDING REPAIRS  
AT  
RICHLAND MIGRANT CENTER  
479 BERNARD DRIVE  
YUBA CITY, CA 95991**

July 19, 2018

**(BLANK PAGE)**

DOCUMENTS  
TABLE OF CONTENTS

	<u>Page</u>
<b><u>BIDDING REQUIREMENTS</u></b>	
Notice to Contractors	BR-1
Instructions to Bidders	BR-3
Bidding Documents:	
Bid Form	BR-11
Bid Bond	BR-15
Representations, Certifications, and Other Statements of Bidders	BR-17
Minority, Women, Disabled Veterans owned Business Enterprise	BR-31
List of Subcontractors	BR-49
Verification of Contractor and Sub-Contractor DIR registration (provide copies of DIR print out)	
Statement of Bidders Experience & References	
<b><u>CONTRACT REQUIREMENTS</u></b>	
Contract Agreement	CR-1
Performance Bond	CR-7
Payment Bond	CR-11
Certification Pursuant to Labor Code 1861	CR-13
Conditions of Work	
Checklist of Labor Law Requirements ( A copy of this form shall be completed by the awarded contractor and all subcontractors performing more than one half of one percent of the contract).	CCR Title 8
Payroll Form	A-1-131
Certificate and Release	CR-25
California DOL Wage Determinations	
<b><u>SPECIFICATIONS</u></b>	
Summary of Work	01010
Project Coordination	01040
Regulatory Requirements	01060
Application for Payment/Change Order Requirements	01152
Submittals and Samples	01300

Cleaning & Cleanup	01550
Substitutions	01630
Close Out	01700
Demolition	02160
Metal Decks	05330
Hand Rail	05730
Rough Carpentry	06100
Fiber Cement Siding	07440
Decorative Laminate	06415
Caulking & Sealants	07920
Resilient Flooring/ ELVT	09660
Carpet	09680
Exterior Painting	09920
Request For Information Form	

## NOTICE TO CONTRACTORS

Sealed proposals will be received by the Regional Housing Authority by mail or hand delivered to 1455 Butte House Rd, Yuba City, CA 95993 by August 16, 2018 at 10:00AM, at which time they will be publicly opened and read aloud for performing work as follows:

PROJECT: Landings, Stairs, and Siding Repairs

LOCATION: 479 Bernard Drive, Yuba City, CA 95991

Bids will be examined and declared on said day and hour.

No bid will be considered unless it is made on the BID PROPOSAL form furnished as part of these Contract Documents. Each bid must be accompanied by the following:

1. N/A
2. Form HUD-5369-A "Representations, Certifications, and Other Statements of Bidders"
3. Non-collusive affidavit (required for contracts exceeding \$50,000)
4. N/A
5. Form HUD-2530 "Previous Participation Certification" (required for contracts exceeding \$50,000)
6. List of all Subcontractors Performing more than ½ of 1% of bid
7. Certifications for Contracts, Grants, loans & Cooperative Agreements
8. Verification of Contractor & Subcontractor DIR Registration
9. List of References

Bids shall be mailed or submitted to the Authority in a sealed envelope marked:

**Landings, Stairs, and Siding Repairs**

**Attn: Larry Tinker**

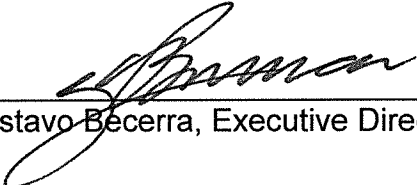
**The Contractor and each of his/her subcontractors will be required to pay the local prevailing wage rate** as established by the Director of the Department of Industrial Relations of the State of California.

No bid will be accepted from a Contractor who is not licensed under Chapter 9, Division 3, California Business and Professional Code or from a Contractor that not registered with The State of California Department of Industrial Relations. All subcontractors must be appropriately licensed and registered. It is the Contractor's responsibility to verify that subcontractors are licensed and registered. **Each bid must conform and be responsive to this Notice, the Specifications, Plans, and Contract Documents.**

This project has a scheduled completion time of 120 days and is subject to liquidated damages.

Specifications, plans and contract documents for the proposed work may be obtained from the Regional Housing Authority at a Pre-Construction Meeting on Thursday, July 19, 2018 at 10:00AM, The meeting will be held at 479 Bernard Drive, Yuba City, CA 95991. Documents may also be down loaded from the Housing Authority web site, regionalha.org. Full sized plan sets are subject to a forty dollar (\$40.00) deposit which will be refunded on return.

**THE HOUSING AUTHORITY RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS.**

  
\_\_\_\_\_  
Gustavo Becerra, Executive Director

INSTRUCTIONS TO BIDDERS FOR CONTRACTS  
PUBLIC HOUSING PROGRAMS

**Table of Contents**

<u>Clause</u>	<u>Page</u>
1. Bid Preparation and Submission	BR-3
2. Explanations and Interpretations to Prospective Bidders	BR-4
3. Responsibility of Prospective Contractor	BR-5
4. Late Submissions, Modifications, and Withdrawal of Bids	BR-5
5. Bid Opening	BR-6
6. Service of Protest	BR-7
7. Contract Award	BR-7
8. Bid Guarantee	BR-8
9. Assurance of Completion	BR-9
10. Preconstruction Conference	BR-9
11. Indian Preference Requirements (non-applicable)	BR-10

**1. Bid Preparation and Submission**

(a) Bidders are expected to examine the specifications, drawings, all instructions, and, if applicable, the construction site (see also the contract clause entitled **Site Investigation and Conditions Affecting the Work** of the *General Conditions of the Contract for Construction*). Failure to do so will be at the bidders' risk.

(b) All bids must be submitted on the forms provided by the Public Housing Agency/Indian Housing Authority (PHA/IHA). Bidders shall furnish all the information required by the solicitation. Bids must be signed and the bidder's name typed or printed on the bid sheet and each continuation sheet that requires the entry of information by the bidder. Erasures or other changes must be initialed by the person signing the bid. Bids signed by an agent shall be accompanied by evidence of that agent's authority. (Bidders should retain a copy of their bid for their records.)

(c) Bidders must submit as part of their bid a completed form HUD-5369-A, "Representations, Certifications, and Other Statements of Bidders."

(d) All bid documents shall be sealed in an envelope that shall be clearly marked with the words "Bid Documents," the Invitation for Bids (IFB) number, any project or other identifying number, the bidder's name, and the date and time for receipt of bids.

(e) If this solicitation requires bidding on all items, failure to do so will disqualify the bid. If bidding on all items is not required, bidders should insert the words "No Bid" in the space provided for any item on which no price is submitted.

(f) Unless expressly authorized elsewhere in this solicitation, alternate bids will not be considered.

(g) Unless expressly authorized elsewhere in this solicitation, bids submitted by telegraph or facsimile (fax) machines will not be considered.

(h) If the proposed contract is for a Mutual Help project (as described in 24 CFR Part 905, Subpart E) that involves Mutual Help contributions of work, material, or equipment, supplemental information regarding the bid advertisement is provided as an attachment to this solicitation.

## **2. Explanations and Interpretations to Prospective Bidders**

(a) Any prospective bidder desiring an explanation or interpretation of the solicitation, specifications, drawings, etc., must request it at least four (4) days before the scheduled time for bid opening. Requests for information other than solicitation procedures must be written. The only oral clarifications that will be provided will be those clearly related to solicitation procedures, i.e., not substantive technical information. No other oral explanation or interpretation will be provided. Any information given a prospective bidder concerning this solicitation will be furnished promptly to all other prospective bidders as a written amendment to the solicitation, if that information is necessary in submitting bids, or if the lack of it would be prejudicial to other prospective bidders.

(b) Any information obtained by, or provided to, a bidder other than by formal amendment to the solicitation shall not constitute a change to the solicitation.

## **3. Amendments to Invitations for Bids**

(a) If this solicitation is amended, then all terms and conditions that are not modified remain unchanged.

(b) Bidders shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date on the bid form, or (3) by letter, telegram, or facsimile, if those methods are authorized in the solicitation. The PHA/IHA must receive acknowledgement by the time and at the place specified for receipt of bids. Bids that fail to acknowledge the bidder's receipt of any amendment will result in the rejection of the bid if the amendment(s) contained information that substantively changed the PHA's/IHA's requirements.



(c) Amendments will be on file in the offices of the PHA/IHA and/or the Architect at least 7 days before bid opening.

#### **4. Responsibility of Prospective Contractor**

(a) The PHA/IHA will award contracts only to responsible prospective contractors who have the ability to perform successfully under the terms and conditions of the proposed contract. In determining the responsibility of a bidder, the PHA/IHA will consider such matters as the bidder's:

1. Integrity;
2. Compliance with public policy;
3. Record of past performance; and
4. Financial and technical resources (including construction and technical equipment).

(b) Before a bid is considered for award, the bidder may be requested by the PHA/IHA to submit a statement or other documentation regarding any of the items in paragraph (a) above. Failure by the bidder to provide such additional information shall render the bidder nonresponsible and ineligible for award.

#### **5. Late Submissions, Modifications, and Withdrawal of Bids**

(a) Any bid received at the place designated in the solicitation after the exact time specified for receipt will not be considered unless it is received before award is made and it:

(1) Was sent by registered or certified mail not later than the fifth calendar day before the date specified for receipt of offers (e.g., an offer submitted in response to a solicitation requiring receipt of offers by the 20<sup>th</sup> of the month must have been mailed by the 15<sup>th</sup>);

(2) Was sent by mail, or if authorized by the solicitation, was sent by telegram or via facsimile, and it is determined by the PHA/IHA that the late receipt was due solely to mishandling by the PHA/IHA after receipt at the PHA/IHA; or

(3) Was sent by U.S. Postal Service Express Mail Next Day Service – Post Office to Addressee, not later than 5:00 p.m. at the place of mailing two (2) working days prior to the date specified for receipt of proposals. The term “working days” excludes weekends and observed holiday.

(b) Any modification or withdrawal of a bid is subject to the same conditions as in paragraph (a) of this provision.

(c) The only acceptable evidence to establish the date of mailing of the late bid, modification, or withdrawal sent either by registered or certified mail is the U.S. or Canadian Postal Service postmark both on the envelope or wrapper and on the original receipt from the U.S. or Canadian Postal Service. Both postmarks must show a legible date or the bid, modification, or withdrawal shall be processed as if mailed late. "Postmark" means a printed, stamped, or otherwise placed impression (exclusive of a postage meter machine impression) that is readily identifiable without further action as having been supplied and affixed by employees of the U.S. or Canadian Postal Service on the date of mailing. Therefore, bidders should request the postal clerk to place a hand cancellation bull's-eye postmark on both the receipt and the envelope or wrapper.

(d) The only acceptable evidence to establish the time of receipt at the PHA/IHA is the time/date stamp of PHA/IHA on the proposal wrapper or other documentary evidence of receipt maintained by the PHA/IHA.

(e) The only acceptable evidence to establish the date of mailing of a late bid, modification, or withdrawal sent by Express Mail Next Day Service-Post Office to Addressee is the date entered by the post office receiving clerk on the "Express Mail Next Day Service-Post Office to Addressee" label and the postmark on both the envelope or wrapper and on the original receipt from the U.S. Postal Service. "Postmark" has the same meaning as defined in paragraph (c) of this provision, excluding postmarks of the Canadian Postal Service. Therefore, bidders should request the postal clerk to place a legible hand cancellation bull's-eye postmark on both the receipt and Failure by the bidder to acknowledge receipt of the envelope or wrapper.

(f) Notwithstanding paragraph (a) of this provision, a late modification of an otherwise successful bid that makes its terms more favorable to the PHA/IHA will be considered at any time it is received and may be accepted.

(g) Bids may be withdrawn by written notice, or if authorized by this solicitation, by telegraph (including mailgram) or facsimile (fax) machine transmission received at any time before the exact time set for opening of bids; provided that written confirmation of telegraphic or facsimile withdrawals over the signature of the bidder is mailed and postmarked prior to the specified bid opening time. A bid may be withdrawn in person by a bidder or its authorized representative if, before the exact time set for opening of bids, the identity of the person requesting withdrawal is established and the person signs a receipt for the bid.

## **6. Bid Opening**

All bids received by the date and time of receipt specified in the solicitation will be

publicly opened and read. The time and place of opening will be as specified in the solicitation. Bidders and other interested persons may be present.

## **7. Service of Protest**

(a) Definitions, as used in this provision:

“Interested party” means an actual or prospective bidder whose direct economic interest would be affected by the award of the contract.

“Protest” means a written objection by an interested party to this solicitation or to a proposed or actual award of a contract pursuant to this solicitation.

(b) Protests shall be served on the Contracting Officer by obtaining written and dated acknowledgement from:

Executive Director  
Regional Housing Authority of Sutter & Nevada Counties  
1455 Butte House Road  
Yuba City, CA 95993

(c) All protests shall be resolved in accordance with the PHA’s/IHA’s protest policy and procedures, copies of which are maintained at the PHA/IHA.

## **8. Contract Award**

(a) The PHA/IHA will evaluate bids in response to this solicitation without discussions and will award a contract to the responsible bidder whose bid, conforming to the solicitation, will be most advantageous to the PHA/IHA considering only price and any price-related factors specified in the solicitation.

(b) If the apparent low bid received in response to this solicitation exceeds the PHA’s/IHA’s available funding for the proposed contract work, the PHA/IHA may either accept separately priced items (see 8(e) below) or use the following procedure to determine contract award. The PHA/IHA shall apply in turn to each bid (proceeding in order from the apparent low bid to the high bid) each of the separately priced bid deductible items, if any, in their priority order set forth in this solicitation. If upon the application of the first deductible item to all initial bids, a new low bid is within the PHA’s/IHA’s available funding, then award shall be made to that bidder. If no bid is within the available funding amount, then the PHA/IHA shall apply the second deductible item. The PHA/IHA shall continue this process until an evaluated low bid, if any, is within the PHA’s/IHA’s available

funding. If upon the application of all deductibles, no bid is within the PHA's/IHA's available funding, or if the solicitation does not request separately priced deductibles, the PHA/IHA shall follow its written policy and procedures in making any award under this solicitation.

- (c) In the case of tie low bids, award shall be made in accordance with the PHA's/IHA's written policy and procedures.
- (d) The PHA/IHA may reject any and all bids, accept other than the lowest bid (e.g., the apparent low bid is unreasonably low), and waive informalities or minor irregularities in bids received, in accordance with the PHA's/IHA's written policy and procedures.
- (e) Unless precluded elsewhere in the solicitation, the PHA/IHA may accept any item or combination of items bid.
- (f) The PHA/IHA may reject any bid as nonresponsive if it is materially unbalanced as to the prices for the various items of work to be performed. A bid is materially unbalanced when it is based on prices significantly less than cost for some work and prices that are significantly overstated for other work.
- (g) A written award shall be furnished to the successful bidder within the period for acceptance specified in the bid and shall result in a binding contract without further action by either party.

## **9. Bid Guarantee**

All bids must be accompanied by a guarantee that shall not be less than five percent (5%) of the amount of the bid. The bid guarantee may be a certified check, bank draft, U.S. Government Bonds at par value, or a bid bond secured by a surety company acceptable to the U.S. Government and authorized to do business in the state where the work is to be performed. In the case where the work under the contract will be performed on an Indian reservation area, the bid guarantee may also be an irrevocable Letter of Credit (see provision 10, Assurance of Completion, below). Certified checks and bank drafts must be made payable to the order of the Regional Housing Authority of Sutter & Nevada Counties. The bid guarantee shall insure the execution of the contract and the furnishing of a method of assurance of completion by the successful bidder as required by the solicitation. Failure to submit a bid guarantee with the bid shall result in the rejection of the bid. Bid guarantees submitted by unsuccessful bidders will be returned as soon as practicable after bid opening.

## **10. Assurance of Completion**

(a) Unless otherwise provided in State law, the successful bidder shall furnish an assurance of completion prior to the execution of any contract under this solicitation. This assurance may be a

- 1) Performance and payment bond in a penal sum of 100 percent (100%) of the contract price; or, as may be required or permitted by State law.
- 2) Separate performance and payment bonds, each for 50 percent or more of the contract price.
- 3) A 20 percent cash escrow.

(b) Bonds must be obtained from guarantee or surety companies acceptable to the U.S. Government and authorized to do business in the state where the work is to be performed. Individual sureties will not be considered. U.S. Treasury Circular Number 570, published annually in the Federal Register, lists companies approved to act as sureties on bonds securing Government contracts, the maximum underwriting limits on each contract bonded, and the states in which the company is licensed to do business. Use of companies listed in this circular is mandatory. Free copies of the circular may be obtained by writing directly to: U.S. Department of Treasury, Financial Management Service, Surety Bond Branch, 401 14<sup>th</sup> Street, SW, 2<sup>nd</sup> Floor, West Wing, Washington, D.C. 20226.

(c) Each bond shall clearly state the rate of premium and the total amount of premium charged. The current power of attorney for the person who signs for the surety company must be attached to the bond. The effective date of the power of attorney shall not precede the date of the bond. The effective date of the bond shall be on or after the execution date of the contract.

(d) Failure by the successful bidder to obtain the required assurance of completion within the time specified, or within such extended period as the PHA/IHA may grant based upon reasons determined adequate by the PHA/IHA, shall render the bidder ineligible for award. The PHA/IHA may then either award the contract to the next lowest responsible bidder or solicit new bids. The PHA/IHA may retain the ineligible bidder's bid guarantee.

## **11. Preconstruction Conference (applicable to construction contracts)**

After award of a contract under this solicitation and prior to the start of work, the successful bidder will be required to attend a preconstruction conference with representatives of the PHA/IHA and its architect/engineer, and other interested parties

convened by the PHA/IHA. The conference will serve to acquaint the participants with the general plan of the construction operation and all other requirements of the contract (e.g., Equal Employment Opportunity, Labor Standards). The PHA/IHA will provide the successful bidder with the date, time and place of the conference.

## **12. Insurance Requirements**

Before commencing work, the Contractor and each subcontractor shall furnish the PHA with certificates of insurance showing the following insurance is in force and listing the Housing Authority as a loss payee in the event of a claim.

- 1) Workers' Compensation, in accordance with state or Territorial Workers' Compensation laws.
- 2) Commercial General Liability with a combined single limit for bodily injury and property damage of not less than \$ 1,000,000 per occurrence to protect the Contractor and each subcontractor against claims for bodily injury or death and damage to the property of others. This shall cover the use of all equipment, hoists, and vehicles on the site(s) not covered by Automobile Liability under (3) below. If the Contractor has a "claims-made" policy, then the following additional requirements apply: the policy must provide a "retroactive date" which must be on or before the execution date of the Contract; and the extended reporting period may not be less than five years following the completion date of the Contract.
- 3) Automobile Liability on owned and non -owned motor vehicles used on the site(s) or in connection therewith for a combined single limit for bodily injury and property damage of not less than \$ 1,000,000 per occurrence.

BID FORM

TO: REGIONAL HOUSING AUTHORITY  
1455 BUTTE HOUSE RD.  
YUBA CITY, CALIFORNIA 95993

Executive Director: Gustavo Becerra

The undersigned doing business under the firm name of:

---

having familiarized ourselves with the conditions affecting the cost of the work, where the work is to be done; and having carefully examined the Plans, Specifications, including Instructions to Bidders and Addenda, if any, for the following project:

Project: Landing, Stair & Siding Repairs  
Location: 479 Bernard Drive.  
Yuba City, CA 95991

and having examined the site of the proposed work, proposes to furnish all materials, labor, equipment, transportation and utility services called for by them for the work indicated and/or specified.

1. BASE BID:

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_ )

**2. IN SUBMITTING THIS PROPOSAL, THE UNDERSIGNED UNDERSTANDS THAT THE OWNER RESERVES THE RIGHT TO REJECT ANY OR ALL PROPOSALS AND/OR WAIVE ANY INFORMALITY IN THE BID.** It is agreed that this proposal may not be withdrawn over a period of **90 days** after the opening thereof.

3. Attached hereto is a list showing the name and place of business of all Subcontractors who will perform work in excess of one-half (1/2) of one percent (0.5%) of the Base Bid, together with the portion of the work to be done by each Subcontractor.
4. BID GUARANTEE: Accompanying this proposal is a certified check, cashier's check, or Bidder's Bond in the amount of:

\_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_ )

Being not less than five percent (5%) of the Total Base Bid, payable to or in favor of the Owner.

5. Attached hereto are the following:
  - a. Representations, Certifications, and Other Statements of Bidders
  - b. Non-collusive Affidavit (required for contracts exceeding \$50,000)
  - c. Minority, Women & Disabled Veterans business enterprise
  - d. List of Subcontractors
  - e. Verification of Contractor & Subcontractor DIR Registration
  - f. Statement of Bidders Experience & References
6. If this bid is accepted by the Owner and notice of such acceptance is timely delivered to the undersigned, then the undersigned shall, within **ten (10)** working days after receipt of such notice, (a) sign the specified contract and also deliver to the Owner (b) a payment bond as required by the contract documents, and (c) a performance bond, as similarly required. The undersigned will thereafter commence and complete the work within the time required by the contract documents.



7. ADDENDUM RECEIPT: Receipt of the following addenda to the Plans and Specifications is acknowledged:

Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_ Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_ Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_  
Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_ Addendum No. \_\_\_\_\_, Dated \_\_\_\_\_

DATE: \_\_\_\_\_ FIRM NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_ BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

CONTR. LIC #: \_\_\_\_\_ ADDRESS: \_\_\_\_\_

LIC. EXP. DATED: \_\_\_\_\_

The representations made herein are made under penalty of perjury.

**(BLANK PAGE)**

BID BOND

KNOW ALL MEN/WOMEN BY THESE PRESENTS, that we, the undersigned

\_\_\_\_\_, as Principal, and \_\_\_\_\_, as Surety, are held and firmly bound unto the Regional Housing Authority, hereinafter called the "Authority", in the penal sum of five percent (5%) of amount bid in lawful money of the United States of America for the payment of which, well and truly to be made, we hereby bind ourselves and ours and each of our successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH THAT: WHEREAS, the above-named principal is about to hand in and submit a bid or proposal in accordance with those certain Contract Documents and Specifications entitled "Contract Documents and Specification", dated \_\_\_\_\_ and file in the office of said Authority.

NOW, THEREFORE, if the above-named principal is awarded the Contract, and shall fail to enter into a Contract to perform said Contract and to furnish any and all Bonds in the form and in the amounts required under said Contract Documents and Specifications, along with any other certifications required under said Contract Documents and Specifications at the time of executing said Contract within fifteen (15) days after the Contract is presented for signature, then the amount herein, the penalty of this bond which accompanies the bid, shall be declared forfeited and the full penal sum paid to the Authority.

IN WITNESS THEREOF, said Principal and said Surety have caused these presents to be duly signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
(Contractor)

By \_\_\_\_\_  
(Principal)

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Principal)

SURETY

(Power of Attorney for person signing for Surety Company, or a certified copy thereof must be attached. Signature of person or persons executing for the Surety must be acknowledged.)

**(BLANK PAGE)**

BR-16

# REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF BIDDERS

## Table of Contents

### Clause

1. Certificate of Independent Price Determination
2. Contingent Fee Representation and Agreement
3. Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions
4. Organizational Conflicts of Interest Certification
5. Bidder's Certification of Eligibility
6. Minimum Bid Acceptance Period
7. Small, Minority, Women-Owned Business Concern Representation
8. Indian-Owned Economic Enterprise and Indian Organization Representation (non-applicable)
9. Certification of Eligibility Under the Davis-Bacon Act
10. Certification of Non-Segregated Facilities
11. Clean Air and Water Certification
12. Previous Participation Certificate
13. Bidder's Signature

### **1. Certificate of Independent Price Determination**

(a) The bidder certifies that:

(1) The prices in this bid have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other bidder or competitor relating to (i) those prices, (ii) the intention to submit a bid, or (iii) the methods or factors used to calculate the prices offered;

(2) The prices in this bid have not been and will not be knowingly disclosed by the bidder, directly or indirectly, to any other bidder or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a competitive proposal solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the bidder to induce any other concern to submit or not to submit a bid for the purpose of restricting competition.

(b) Each signature on the bid is considered to be a certification by the signatory that the signatory-

(1) Is the person in the bidder's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above; or

(2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above.

\_\_\_\_\_ [insert full name of person(s) in the bidder's organization responsible for determining the prices offered in this bid or proposal, and the title of his/her position in the bidder's organization];

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the bidder deletes or modifies subparagraph (a)(2) above, the bidder must furnish with its bid a signed statement setting forth in detail the circumstances of the disclosure.

[ ] [Contracting Officer check if following paragraph is applicable]

(d) Non-collusive affidavit. (Applicable to contracts for construction and equipment exceeding \$50,000)

(1) Each bidder shall execute, in the form provided by the PHA/IHA, an affidavit to the effect that he/she has not colluded with any other person, firm or corporation in regard to any bid submitted in response to this solicitation. If the successful bidder did not submit the affidavit with his/her bid, he/she must submit it within three (3) working days of bid opening. Failure to submit the affidavit by that date may render the bid nonresponsive. No contract award will be made without a properly executed affidavit.

(2) A fully executed "Non-collusive Affidavit" [ ] is, [ ] is not included with the bid.

## **2. Contingent Fee Representation and Agreement**

(a) Definitions. As used in this provision:

"Bona fide employee" means a person, employed by a bidder and subject to the bidder's supervision and control as to time, place and manner of performance, who neither exerts, nor holds out as being able to obtain any contract(s) through improper influence.

"Improper influence" means any influence that induces or tends to induce a PHA/IHA employee or officer to give consideration or to act regarding a PHA/IHA contract on any basis other than the merits of the matter.

(b) The bidder represents and certifies as part of its bid that, except for full-time bona fide employees working solely for the bidder, the bidder:

(1) [ ] has, [ ] has not employed or retained any person or company to solicit or obtain this contract; and

(2) [ ] has, [ ] has not paid or agreed to pay to any person or company employed or retained to solicit or obtain this contract any commission, percentage, brokerage, or other fee contingent upon or resulting from the award of this contract.

(c) If the answer to either (a)(1) or (a)(2) above is affirmative, the bidder shall make an immediate and full written disclosure to the PHA/IHA Contracting Officer.

(d) Any misrepresentation by the bidder shall give the PHA/IHA the right to (1) terminate the contract; (2) at its discretion, deduct from contract payments the amount of any commission, percentage, brokerage, or other contingent fee; or (3) take other remedy pursuant to the contract.

## **3. Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions (applicable to contracts exceeding \$100,000)**

(a) The definitions and prohibitions contained in Section 1352 of title 31, United States Code, are hereby incorporated by reference in paragraph (b) of this certification.

(b) The bidder, by signing its bid, hereby certifies to the best of his/her knowledge and belief as of August 1, 2017 that:

(1) No Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of

any agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress on his/her behalf in connection with the awarding of a contract resulting from this solicitation;

(2) If any funds other than Federal appropriated funds (including profit or fee received under a covered Federal transaction) have been paid, or will be paid, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress on his/her behalf in connection with this solicitation, the bidder shall complete and submit, with its bid, OMS standard form LLL, "Disclosure of Lobbying Activities"; and

(3) He/she will include the language of this certification in all subcontracts at any tier and require that all recipients of subcontract awards in excess of \$100,000 shall certify and disclose accordingly.

(c) Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by section 1352, title 31, United States Code. Any person who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure form to be filed or amended by this provision, shall be subject to a civil penalty of not less than \$10,000, and not more than \$100,000 to each such failure.

(d) Indian tribes (except those chartered by States) and Indian organizations as defined in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450B) are exempt from the requirements of this provision.

#### **4. Organizational Conflicts of Interest Certification**

The bidder certifies that to the best of its knowledge and belief and except as otherwise disclosed, he/she does not have any organizational conflict of interest that is defined as a situation in which the nature of work to be performed under this proposed contract and the bidder's organizational, financial, contractual, or other interests may, without some restriction on future activities.

(a) Result in an unfair competitive advantage to the bidder; or

(b) Impair the bidder's objectivity in performing the contract work.

[ ] In the absence of any actual or apparent conflict, I hereby certify that to the best of my knowledge and belief, no actual or apparent conflict of interest exists with regard to my possible performance of this procurement.



## **5. Bidder's Certification of Eligibility**

(a) By the submission of this bid, the bidder certifies that to the best of its knowledge and belief, neither it, nor any person or firm that has an interest in the bidder's firm, nor any of the bidder's subcontractors, is ineligible to:

(1) Be awarded contracts by any agency of the United States Government, HUD, or the State in which this contract is to be performed; or

(2) Participate in HUD programs pursuant to 24 CFR Part 24.

(b) The certification in paragraph (a) above is a material representation of fact upon which reliance was placed when making award. If it is later determined that the bidder knowingly rendered an erroneous certification, the contract may be terminated for default, and the bidder may be debarred or suspended from participation in HUD programs and other Federal contract programs.

## **6. Minimum Bid Acceptance Period**

(a) "Acceptance period", as used in this provision, means that the number of calendar days available to the PHA/IHA for awarding a contract from the date specified in this solicitation for receipt of bids.

(b) This provision supersedes any language pertaining to the acceptance period that may appear elsewhere in this solicitation.

(c) The PHA/IHA requires a minimum acceptance period of 90 calendar days.

(d) In the space provided immediately below, bidders may specify a longer acceptance period than the PHA's/IHA's minimum requirement. The bidder allows the following acceptance period: \_\_\_\_\_ calendar days.

(e) A bid allowing less than the PHA's/IHA's minimum acceptance period will be rejected.

(f) The bidder agrees to execute all that it has undertaken to do, in compliance with its bid, if that bid is accepted in writing within (1) the acceptance period stated in paragraph (c) above or (2) any longer acceptance period stated in paragraph (d) above.

**7. Small, Minority, Women-Owned, Disabled Veterans Business Concern Representation**

The bidder represents and certifies as part of its bid/offer that it –

(a)  is,  is not a small business concern. “Small business concern”, as used in this provision, means a concern, including its affiliates, that is independently owned and operated, not dominate in the field of operation in which it is bidding, and qualified as a small business under the criteria and size standards in 13 CFR 121.

(b)  is,  is not a women-owned business enterprise. “Women-owned business enterprise”, as used in this provision, means a business that is at least fifty percent (50%) owned by a woman or, in the case of publicly owned business, at least, fifty-one percent (51%) of the stock is owned by a woman or women who are U.S. citizens and who also control and operate the business.

(c)  is,  is not a minority business enterprise. “Minority business enterprise”, as used in this provision, means a business that is at least fifty (50%) or controlled by one or more minority group member or, in the case of a publicly owned business, at least fifty-one percent (51%) of its voting stock is owned by one or more minority group members, and whose management and daily operations are controlled by one or more such individuals. For the purpose of this definition, minority group members are:

(Check the block applicable to you)

- |   |   |
|---|---|
| <input type="checkbox"/> Black Americans    | <input type="checkbox"/> Asian Pacific Americans  |
| <input type="checkbox"/> Hispanic Americans | <input type="checkbox"/> Asian Indian Americans   |
| <input type="checkbox"/> Native Americans   | <input type="checkbox"/> Hasidic Jewish Americans |

(d)  is,  is not a Disabled Veterans Business Enterprise as used in this provision, means a business that is at least fifty (50%) owned or controlled by one or more disabled group member or, in the case of a publicly owned business, at least fifty-one percent (51%) of its voting stock is owned by one or more disabled group members, and whose management and daily operations are controlled by one or more such individuals.

**8. N/A**

**9. Certification of Eligibility Under the Davis-Bacon Act (applicable to construction contracts exceeding \$2,000)**

(a) By the submission of this bid, the bidder certifies that neither it nor any person or firm who has an interest in the bidder's firm is a person or firm ineligible to be awarded contracts by the United States Government by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(b) No part of the contract resulting from this solicitation shall be subcontracted to any person or firm ineligible to be awarded contracts by the United States Government by virtue of section 9(a) of the Davis-Bacon Act of 29 CFR 5.12(a)(1).

(c) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

**10. Certification of Non-Segregated Facilities** (applicable to contracts exceeding \$10,000)

(a) The bidder's attention is called to the clause entitled **Equal Employment Opportunity** of the General Conditions of the Contract for Construction.

(b) "Segregated facilities", as used in this provision, means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees, that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, or national origin because of habit, local custom, or otherwise.

(c) By the submission of this bid, the bidder certifies that it does not and will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control where segregated facilities are maintained. The bidder agrees that a breach of this certification is a violation of the Equal Employment Opportunity clause in this contract.

(d) The bidder further agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) prior to entering into subcontracts that exceed \$10,000 and are not exempt from the requirements of the Equal Employment Opportunity clause, it will:

- (1) Obtain identical certifications from the proposed subcontractors;
- (2) Retain the certifications in its files; and
- (3) Forward the following notice to the proposed subcontractors

(except if the proposed subcontractors have submitted identical certifications for specific time periods):

**Notice to Prospective Subcontractors of Requirement for Certifications of Non-Segregated Facilities**

A Certification of Non-Segregated Facilities must be submitted before the award of a subcontract exceeding \$10,000 that is not exempt from the provisions of the Equal Employment Opportunity clause of the prime contract. This certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually).

**Note:** The penalty for making false statements in bids is prescribed in 18 U.S.C. 1001.

**11. Clean Air and Water Certification** (applicable to contracts exceeding \$100,000)

The bidders certifies that:

- (a) Any facility to be used in the performance of this contract [ ] is, [ ] is not listed on the Environmental Protection Agency list of Violating Facilities:
- (b) The bidder will immediately notify the PHA/IHA Contracting Officer, before award, of the receipt of any communication from the Administrator, or a designee, of the Environmental Protection Agency, indicating that any facility that the bidder proposes to use for the performance of the contract is under consideration to be listed on the EPA List of Violating Facilities; and,
- (c) The bidder will include a certification substantially the same as this certification, including this paragraph (c), in every nonexempt subcontract.

**12. Bidder's Signature**

The bidder hereby certifies that the information contained in these certifications and representations is accurate, complete and current.

---

(Signature and Date)

---

(Type or Print Name)

---

(Title)

---

(Company Name)

---

(Company Address)

NON-COLLUSIVE AFFIDAVIT

STATE OF CALIFORNIA

COUNTY OF SUTTER

\_\_\_\_\_, being first duly sworn, deposes and says:

That he/she is \_\_\_\_\_ of the firm of

\_\_\_\_\_  
(Firm Name)

the party making the foregoing bid; that such bids are genuine and not collusive or sham; that said bidder has not colluded, conspired, connived, or agreed, directly or indirectly, sought by agreement or collusion, or communication or conference, with any person, to fix the bid price of affiant or any other bidder, or to fix any overhead, profit or cost element of said bid price, or of any other bidder, or to secure any advantage against the Authority or any person interested in the proposed Contract; and that all statements in said bid are true.

That neither Members of Congress, Local or State Public Officials, or any employee or representative of the Authority is in any manner interested, directly or indirectly, in the bid to which this Non-Collusive Affidavit is attached, nor in the Contract which may be made pursuant to said bid, nor in any expected profits which may arise there from.

The undersigned further certifies that the bidder who submitted the bid to which this certification is attached, is not listed on the Controller General's list of ineligible bidders or contractors.

Bidder if Bidder is an individual:

---

(Name of Bidder)

Partner if Bidder if a partnership:

---

(Partner)

Officer if Bidder is a corporation:

---

(Officer)

Subscribed and sworn to before me this

\_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

---

NOTARY PUBLIC, STATE OF CALIFORNIA

MY COMMISSION EXPIRES: \_\_\_\_\_

## MINORITY/WOMAN'S/ DISABLED VETERANS BUSINESS ENTERPRISE CLAUSES

(a) It is the policy of the Regional Housing Authority to take positive steps to maximize the utilization of minority, women's business and veteran's business enterprises in all contract activity administered by the Housing Authority.

(b) The Contractor will utilize his best efforts to carry out this policy in the award of his subcontractors to the fullest extent consistent with the sufficient performance of this contract. As used in this contract, the term "minority, women's business or disabled veterans" enterprise means a business, at least 50 percent of which is owned by minority group members, women or disabled group or member, in the case of publicly owned businesses, at least 51 percent of the stock is owned by minority group members, women or disabled veteran. For the purpose of this definition, minority group members are Black, Hispanics, Asians, Native Americans, Alaskans or Pacific Islanders.

(c) The Contractor by signing below agrees to the following Statement as part of His/her sealed bid:

I have taken affirmative action to seek out and consider minority, women's and disabled veteran business enterprises for the portions of work to be subcontracted. Such actions are fully documented in my records and available upon request. Results are as follows:

Name and Address of  
Minority/Women's, Disabled Veteran Firms

<u>Contractor Anticipates Utilizing *</u>	<u>Dollar Value of Work</u>	<u>Category of Work</u>	<u>Participation</u>
---	-----------------------------	-------------------------	----------------------

complete on next page

Contractor Anticipates Utilizing \*

Dollar Value of Work

Category of Work

Participation

Total Bid \$ \_\_\_\_\_

Total Subcontract Amount \$ \_\_\_\_\_

Minority/Women's, Disabled Veterans Enterprise Total of Subcontract Amount

\$ \_\_\_\_\_

\* Indicate whether



**LIST OF SUBCONTRACTORS**

LIST OF SUBCONTRACTORS PERFORMING WORK OR LABOR OR RENDERING SERVICES IN  
EXCESS OF ONE-HALF OF ONE PERCENT OF THE PRIME CONTRACTOR'S TOTAL BID.

	Name and Address	Work to be Performed	License #, Classification & DIR Registration #	E-Mail & Phone #
1	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
2	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
3	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
4	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
5	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
6	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____
7	_____ _____ _____	_____ _____ _____	_____ _____ _____	_____ _____ _____

Name and Address

Work to be Performed

License #, Classification  
& DIR Registration #

E-Mail & Phone #

8

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

9

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

10

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

11

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

12

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

13

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

14

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

## STATEMENT OF BIDDERS EXPERIENCE

All questions must be answered and the date given must be clear and comprehensive. This Statement must be notarized. If necessary, add separate sheets for items marked with an \*

1. Name of Bidder: \_\_\_\_\_
2. Permanent main office address: \_\_\_\_\_
3. When organized: \_\_\_\_\_
4. Where incorporated: \_\_\_\_\_
5. How many years have you been engaged in the contracting business under your present firm name? \_\_\_\_\_
6. \*Contract on hand: (Schedule these, showing gross amount of each contract and the approximate anticipated dates of completion).  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. \* General character of work performed by your company: \_\_\_\_\_  
\_\_\_\_\_
8. \*Have you ever failed to complete any work awarded to you? \_\_\_\_\_
9. \* Have you ever defaulted on a contract? \_\_\_\_\_
10. \* List the more relevant type of projects recently completed by your company, stating approximate cost for each, and the month and year completed.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
11. \* List your major equipment available for this contract: \_\_\_\_\_  
\_\_\_\_\_

STATEMENT OF BIDDERS EXPERIENCE

12. \*Experience in work similar in importance to this project: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

13. Will you on request, fill out a detailed financial statement and furnish any other information that may be required by the Local Owner? \_\_\_\_\_

14. The undersigned hereby authorizes and requests any person, firm, or corporation to furnish any information requested by the Local Owner in verification of the recitals comprising this Statement of Bidder's experience \_\_\_\_\_

15. Furnish current Department of Labor of California License Number and Business License:

\_\_\_\_\_

I, \_\_\_\_\_, swear under penalty of perjury under the laws of the State of California that the answers to the foregoing questions an all Statement therein contained are true and correct.

Sworn this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_ at \_\_\_\_\_  
(Date) (Month) (Year) (City & State)

\_\_\_\_\_  
(Signature of Bidder)

\_\_\_\_\_  
( Title of Bidder)

See Attached

State of \_\_\_\_\_)

County of \_\_\_\_\_)

On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_ Personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature or the instrument the person, or the entity upon behalf of which the person acted, executed the instrument WITNESS my hand and official seal.

# Standard Form of Agreement Between Owner and Contractor

THIS AGREEMENT, made by and between:

Owner: Regional Housing Authority  
1455 Butte House Road  
Yuba City, CA 95993

Contractor:

Project: Landing, Stair and Siding Repairs  
479 Bernard Drive.  
Yuba City, CA 95991

WITNESS THAT:

The Contractor and Regional Housing Authority, here after identified as the Authority, for the consideration stated herein, agree as follows:

ARTICLE 1. Statement of Work:

The Contractor shall furnish all labor and materials and perform all work required in strict accordance with the Contract Documents and Specifications, including addenda, if any, hereto, all of which are made a part hereof.

ARTICLE 2. The Contract Price:

The Authority shall pay the Contractor for the performance of the Contract, subject to additions and deductions provided therein, in the total amount of:

\_\_\_\_\_ (\$ \_\_\_\_\_)

The Contract Price shall be paid to the Contractor pursuant to the General Conditions, Paragraph I entitled "Payment to Contractor".

ARTICLE 3.

A. COMMENCE DATE AND TIME OF COMPLETION

The Contractor shall commence work under this Contract within fourteen (14) calendar

days of receipt from the Housing Authority of written notice to proceed and shall fully complete all work within 120 consecutive calendar days after commencement of work. In no event shall the Contractor perform any work under this Contract or place any materials upon site of said work prior to receipt of said written notice to proceed.

B. EXTENSIONS OF TIME

Extensions of time shall be granted to the Contractor for delays in the completion of the work caused by Acts of God or the public enemy, Act of the State, fire, floods, epidemics, quarantine restrictions, strikes, freight embargoes, shortages of materials, labor, fixtures or equipment (provided that the Contractor furnished satisfactory and acceptable proof that he/she has made diligent attempts to obtain same) and severe abnormal weather, or delays of subcontractors due to such causes, provided that the cause of any delay or the effect on completion shall not be due to the Contractor's fault, negligence or control, and provided that the Contractor shall notify the Authority in writing of the causes of delay at the time they occur, but not later than two (2) days after the initial occurrence of any cause of delay. The Authority shall promptly ascertain the facts and extent of the delay. Any extensions shall be limited to the actual effect of the excusable cause of delay on completion. If the Contractor can show no cause for delay the Contractor shall be subject to liquidated damages in the amount of \$50.00 per day for every calendar day beyond the date of completion stated on the Notice to Proceed.

ARTICLE 4. Materials and Workmanship:

Unless otherwise specifically provided for in the Contract Documents, all workmanship covered by the Contract is to be of the best grade of its respective kind for the purpose. The Authority may require the Contractor to remove from the work such employees as it deems incompetent, careless, insubordinate, or otherwise objectionable, or whose continued employment on the work is deemed by the Authority to be contrary to the public interest.

ARTICLE 5. Licenses:

The Contractor shall obtain and maintain at his/her own expense all necessary licenses required to do said work.

ARTICLE 6. Termination of Contract:

- A. The Authority may, because of breach of the Contract by the Contractor, terminate this Contract at any time by a notice in writing from the Authority to the Contractor. Such termination shall be effective in the manner and upon the date specified in said notice and shall be without prejudice to any claims that the Authority may have against the Contractor. Upon receipt of such notice, the Contractor shall, unless the notice directs otherwise, immediately discontinue all work and the placing of all orders for labor, materials, facilities, and supplies in connection with the performance of this Contract, and shall proceed to cancel promptly all existing orders and terminate all subcontractors insofar as such orders and/or subcontractors are chargeable to this Contract.
  
- B. Upon termination of this Contract for breach of the Contract by the Contractor, the Contract price shall be reduced by the amount of any and all claims which the Authority may have against the Contractor for damages incurred by Authority as a result of the breach of the Contract, including the cost to Authority to have the work remaining under the Contract completed by another contractor or through Authority personnel. Such damage shall also include any reasonable attorney's fees and other costs incurred by Authority in effecting the termination of the Contract or completion of the performance of the Contract work. Any Contract funds remaining, including amounts retained from progress payments, or other amounts otherwise earned by the Contractor but not yet paid by Authority on the date of the termination, may be applied by Authority to the damages that it incurred as a result of the Contractor's breach. The balance remaining, if any, after full completion of the Contract work shall be payable to the Contractor. If Contract funds as indicated above are insufficient, the Contractor and its sureties shall be liable for any unpaid balances.
  
- C. In the event that at any time it becomes necessary for the Authority to terminate this Contract for its own convenience because of cessation of operations for which work under this Contract is required by operation of law or otherwise, or because of any change in the operation of Authority which may render the work under this Contract no longer necessary or advisable, the Authority may for its own convenience and for any such reason terminate this Contract at any time by notice in writing as provided in subparagraph (A) above and upon receipt of such notice the Contractor shall proceed in the same manner as provided in subparagraph (A) above for termination by the fault of the Contractor. Such termination shall be effective in the manner and upon the date specified in said notice and shall

be without prejudice to any claims that the Authority may have against the Contractor. Payment to the Contractor in the event of termination for convenience shall be limited to that portion of the Contract price which the amount of work actually completed by the Contractor bears to the total amount of work required to be performed by the Contractor under the provisions of this Contract.

- D. Prior to final settlement upon termination of this Contract, the Contractor shall furnish separate releases of all claims, signed by Contractor, all subcontractors, vendors and suppliers against the Authority arising under and by virtue of this Contract, other than such claims, if any, as may be specifically excepted by the Contractor from the operation of the release in stated amounts to be set forth therein.

#### ARTICLE 7. Performance of Work Provisions:

The PHA shall make progress payments approximately every 45 days as the work proceeds, on estimates of work accomplished which meets the standards of quality as approved by the Contracting Officer. The PHA shall retain five (5) percent of the amount of progress payments until completion and acceptance of all work under the contract for a period of 35 days after the recording of a Notice of Completion and the Contractor furnishes a Section VIII, Certifying Payments of Prevailing Wage Rates, and the Authority shall be under no obligation to make its final payment until such time as said Certificate of Payments has been received and the Authority satisfied that the Contractor has complied with such provisions.

#### ARTICLE 8. Contract Documents:

The Contract Documents consist of the following:

SEE "BID DOCUMENTS TABLE OF CONTENTS,  
CONTRACT REQUIREMENTS & SPECIFICATIONS"

together with all modifications, certifications and addenda included in or attached to these documents before their execution. All Contract Documents are complimentary so that work or agreements called in one and not mentioned in another are to be executed as though mentioned in all, and each and every difference of opinion respecting the same shall be finally determined by the Regional Housing Authority. This instrument, together with the documents enumerated in this Article 8 form the Contract and they are as fully a part of the Contract as if attached hereto or herein repeated. In the event that any provision in any of the component parts of the Contract conflicts with any provision of any other component part, the provision in the component part first enumerated in Article 8 shall govern, except as otherwise specifically stated.



#### ARTICLE 9. Waivers:

A waiver of any of the conditions or provisions of the entire Contract between the parties hereto shall not be considered or deemed to be a waiver of any other condition or provision of said Contract.

#### ARTICLE 10. Severability:

If any term, condition, or covenant of this Contract is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions of this agreement shall be valid and binding on the Contractor and the Authority.

#### ARTICLE 11. Attorneys Fees and Costs

If legal proceedings or arbitration is commenced to enforce or construe the terms of this Contract, or to sue for damages, the prevailing party in said legal proceedings or arbitration shall be entitled to receive reasonable attorneys fees and costs as determined by the judge or arbitrator in said legal proceedings or arbitration.

#### ARTICLE 12. Insurance

Before commencing work, the Contractor and each subcontractor shall furnish the PHA with certificates of insurance showing the following insurance is in force and listing the Regional Housing Authority and California Department of Housing and Community Development as a loss payee in the event of a claim.

- (1) Workers' Compensation, in accordance with state or Territorial Workers' Compensation laws.
- (2) Commercial General Liability with a combined single limit for bodily injury and property damage of not less than \$ 1,000,000 per occurrence to protect the Contractor and each subcontractor against claims for bodily injury or death and damage to the property of others. This shall cover the use of all equipment, hoists, and vehicles on the site(s) not covered by Automobile Liability under (3) below. If the Contractor has a "claims-made" policy, then the following additional requirements apply: the policy must provide a "retroactive date" which must be on or before the execution date of the Contract; and the extended reporting period may not be less than five years following the completion date of the Contract.

- (3) Automobile Liability on owned and non –owned motor vehicles used on the site(s) or in connection therewith for a combined single limit for bodily injury and property damage of not less than \$ 1,000,000 per occurrence.

#### ARTICLE 13. Indemnification

To the fullest extent of the law and to the extent claims, damages, losses or Expenses are not covered by the Contractor's General Liability insurance, the Contractor shall indemnify and hold harmless the Owner (Agency), California Department of Housing and Community Development, Architect, Architect's consultants, and their officers, agents and employees of any of them from and against claims, damages, losses, expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligent acts or omissions or wrongful misconduct, of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. The Contractor further agrees to defend and all such actions, suits or claims and pay all charges of attorneys and all other costs and expenses arising therefrom or incurred in connection therewith; and if any judgement be rendered against Owner or any other individuals enumerated above in any such action, Contractor shall, at its expense, satisfy and discharge the same. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist.

IN WITNESS WHEREOF, the parties have executed this Contract, in two original counterparts, this \_\_\_\_ day of \_\_\_\_\_, 2018

REGIONAL HOUSING AUTHORITY

CONTRACTOR:

By: \_\_\_\_\_  
Gustavo Becerra  
Executive Director

\_\_\_\_\_  
Company Name

By: \_\_\_\_\_

Title: \_\_\_\_\_

\_\_\_\_\_  
WITNESS

**BLANK PAGE**

CR-8

PERFORMANCE BOND

KNOW ALL MEN/WOMEN BY THESE PRESENTS: That we

\_\_\_\_\_ a \_\_\_\_\_  
(Name of Contractor) (Corporation, Partnership or Individual)

hereinafter called "Principal" and \_\_\_\_\_  
(Surety)

of \_\_\_\_\_, State of \_\_\_\_\_

hereinafter called the "Surety", are held and firmly bound into

\_\_\_\_\_ of \_\_\_\_\_,  
(Owner) (City and State)

hereinafter called "Owner", in the penal sum of

\_\_\_\_\_ DOLLARS

(\$ \_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION is such that Whereas, the Principal entered into a certain Contract with the Owner, dated the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, a copy of which is hereto attached and made a part hereof for the construction of:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOW, THEREFORE, if the Principal shall well, truly and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said Contract during the original term thereof, and any extensions thereof which may be granted by the Owner, with or without notice to the Surety, and if he/she shall satisfy all claims and demands incurred under such Contract, and shall fully indemnify and save harmless the Owner from all costs and damages which it may suffer by reason of failure to do so, shall reimburse and repay the Owner all outlay and expense which the Owner may incur in making good any default, then this obligation shall be void: otherwise to remain in full force and effect.

\_\_\_\_\_

---

PROVIDED, FURTHER, that the said Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed there under or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract or to the work or to the specifications.

PROVIDED, FURTHER, that no final settlement between the Owner and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in three (3) counterparts, each one of which shall be deemed an original, this the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

ATTEST:

\_\_\_\_\_  
(Principal) Secretary

(SEAL)

\_\_\_\_\_  
(Witness as to Principal)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City, State, Zip)

\_\_\_\_\_  
(Principal)

By: \_\_\_\_\_ (S)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City, State, Zip)

ATTEST:

\_\_\_\_\_  
(Surety) Secretary

(SEAL)

\_\_\_\_\_  
(Witness as to Surety)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City, State, Zip)

\_\_\_\_\_  
(Surety)

By: \_\_\_\_\_  
(Attorney-in-Fact)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City, State, Zip)

NOTE: Date of bond must not be prior to date of Contract. If Contractor is Partnership, all partners should execute bond.

**(BLANK PAGE)**



PAYMENT BOND

KNOW ALL MEN/WOMEN BY THESE PRESENTS:

WHEREAS, THE REGIONAL HOUSING AUTHORITY, HEREIN AFTER KNOWN AS THE "AUTHORITY" has awarded to

---

as principal, hereinafter designated as the "Contractor", a Contract for work to supply labor, equipment, materials and related services to replace balconies and repair siding as appears in said Contract Documents and Specifications adopted therefore; and

WHEREAS, said Contractor is required by the provisions of said Contract Documents and Specifications to furnish a payment bond in connection with said Contract, as hereinafter set forth.

NOW, THEREFORE, we the undersigned Surety, a corporation authorized to transact a surety business in the State of California, and the Contractor are held and firmly bound onto the Authority, in the sum of \_\_\_\_\_, DOLLARS

(\$ \_\_\_\_\_), to be paid to the Authority or its certain Attorney, its successors and assigns, for which payment well and truly to be made we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION of this obligation is such, That if the Contractor, his/her or its heirs, executors, administrators, successors or assigns, or subcontractors, shall fail to pay to the persons mentioned in Sections 3110, 3111 and 3112 of the Civil Code of the State of California, or to persons furnishing provisions, provender, or other supplies used in, upon, for or about the performance of the work contracted to be done, or for any work or labor therein of any kind, or for amounts due under the Unemployment Insurance Code with respect to work or labor performed under this Contract, or for any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board from the wages of employees of the Contractor and his subcontractors pursuant to Section 18806 of the Revenue and Taxation Code of the State of California, with respect to such work and labor, the Surety hereon will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In case suit is brought upon this bond, the said Surety will pay reasonable attorney fees to be fixed by the court.

This bond shall inure to the benefit of any person named in Section 3181 of the Civil Code of the State of California so as to give a right of action to such persons or their assignee in any suit brought upon this bond.

No prepayment or delay in payment and no change, extension, addition, or alteration of any provision of said Contract or in the specifications agreed to between the Contractor and the Authority, and no forbearance on the part of the Authority, shall operate to relieve any surety from liability on this bond, and consent by any such surety is hereby given, and said surety hereby waives the provisions of Section 2819 of the Civil Code of the State of California.

SIGNED AND SEALED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
(Contractor)

By \_\_\_\_\_  
(Principal)

\_\_\_\_\_  
(Surety Company)

By \_\_\_\_\_  
(Principal)

**SURETY**

(Power of Attorney for person signing for Surety Company, or a certified copy thereof, must be attached. Signatures of person or persons executing for the Surety must be acknowledged.)

CERTIFICATION PURSUANT TO  
LABOR CODE SECTION 1861

- A. "I am aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions of that Code, and I will comply with such provisions before commencing the performance of the work of this Contract."
- B. "It is hereby mutually agreed that the Contractor shall forfeit to the Authority a penalty of \$25.00 for each calendar day, or portion thereof, for each worker paid by him/her, or subcontractor under him/her, less than the prevailing wage so stipulated and in addition the Contractor further agrees to pay to each worker the difference between the actual amount paid for each calendar day, or portion thereof, and the stipulated prevailing wage rate for the same. This provision shall not apply to properly indentured apprentices."
- C. "It is further agreed that the maximum hours a worker is to be employed is limited to eight hours a day and 40 hours a week and the Contractor shall forfeit, as a penalty to the Authority, \$25.00 for each worker employed in the execution of the Contract for each calendar day during which a worker is required or permitted to labor more than eight hours in any calendar day or more than 40 hours in any calendar week, in violation of Labor Code Sections 1810-1815, inclusive."
- D. "Travel and subsistence payments shall be paid to each worker needed to execute the work, as such travel and subsistence payments are defined in the applicable collective bargaining agreements filed in accordance with Labor Code Section 1773.8."
- E. "Properly indentured apprentices may be employed in the prosecution of the work. They must be so employed by any Contractor or subcontractor employing workers in any apprenticeable craft or trade, i.e., a craft or trade determined to be an apprenticeable occupation in accordance with rules and regulations prescribed by the Apprenticeship Council. Special attention is directed to that portion of Labor Code Section 1777.5 that requires such a Contractor or subcontractor to obtain from the Joint Apprenticeship Committee administering the apprenticeship standards of the craft or trade in the area of the site of the Contract work, a certificate approving the Contractor or sub-contractor, for employment and training of apprentices in such area unless already covered by local apprenticeship

standards. Upon the issuance of the certificate, the Contractor or subcontractor, unless exempt pursuant to Section 1777.5 of the Labor Code, shall employ the number of apprentices or the ratio of apprentices to journeymen/woman fixed in the certificate. If there is in the area of the site of the work a fund or funds to administer and conduct the apprenticeship program in any apprenticeable craft or trade, to which fund or funds other contractors in said area are, but the Contractor or subcontractor is not contributing, the Contractor or subcontractor shall contribute to said fund or funds in the same amount or upon the same basis and in the same manner as the other contractors do. For willful failure to comply with Section 1777.5 of the Labor Code the Contractor shall be denied the right to bid on a public works contract for a period of one year from the date the determination is made."

Contractor's Signature: \_\_\_\_\_

Printed Name & Title of Signer: \_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_

## Conditions of Work

### A. Licenses and Qualifications

1. The Contractor and all subcontractors must hold a valid California Contractor's Licenses in the areas of work to be performed and meet all requirements of the State of California to perform as a licensed contractor in the State.
2. The Contractor will obtain any necessary business licenses and/or permits to perform work in the jurisdiction where the work is to be performed.
3. Provide adequate number of experienced workers regularly engaged in this type of work who are skilled in the application techniques of the materials specified.
4. All work shall be of highest quality and in strict accordance with the manufacturer's published specifications and to the building owner's satisfaction.
5. Provide at least one thoroughly trained and experienced superintendent on the job site at all times while work is in progress.

### B. Wages

1. State of California current Residential Wage Determination Number ???????? will be paid pursuant to the California Code of Regulation Section 16001(d), or any wage determination that supersedes these.

### C. Safety

1. The contractor shall be responsible for all means and methods as they relate to safety and shall comply with all applicable local, state and federal requirements that are safety related. **Safety shall be the responsibility of the contractor.** All related personnel shall be instructed daily to be mindful of the full time requirement to maintain a safe environment for the building's occupants, owner's staff, visitors and occurrences of the general public on or near the site.

#### **D. Fees and Permits**

1. The contractor shall obtain and pay for all necessary permits, licenses and fees required and arrange required inspections from the local building department having jurisdiction in the area where the work is to be completed.
2. The contractor will furnish the owner with signed, closed out permits and testing reports prior to project close-out.

#### **E. Temporary Facilities and Controls**

1. Water and electrical power are available for the contractor at the project property.
2. The Contractor shall provide all waste collection bins required for the work to be completed and shall not use any tenant or site bins for construction waste material

#### **F. Site Protection**

1. The contractor will use reasonable care and responsibility to protect the building and the site against damages. The contractor shall be responsible for the correction of any damage incurred as a result of the performance of the contract.
2. Contractor will be responsible for performing daily cleanup to collect all debris from the project site and ensure that the site remains free of debris and safety hazards. Magnets will be used to ensure that all nails and metal are removed from around the units. Care will be taken not to detract from the aesthetics or the function of the building. Trash receptacles located on site are for tenant use only and shall not be used for disposal of any materials in connection with the work performed by the contractor.

#### **G. Code Rules**

1. Provide all work and materials in full accordance with all of the most current codes, rules and regulations. Nothing in these specifications is to be construed to permit work not conforming to current code requirements.

## **H. Use of Premises**

1. Before beginning work, the contractor must secure approval from the owner for the following:
  - a. Areas permitted for personnel parking.
  - b. Access to the site.
  - c. Areas permitted for storage of materials, equipment and debris.

## **I. Existing Conditions**

1. Prior to bid submittal the contractors should complete a job site inspection to make themselves aware of any conditions that will affect their work.
2. Any discrepancies noted between existing site conditions and the specifications or any conditions not addressed in the specifications should be brought to the attention of the owner's representative prior to submittal of the bid. If necessary, an addendum will be issued to clarify any questionable conditions.

## **J. Warranties**

1. The contractor will provide a one year warranty covering any defective work, materials or parts that are provided by the contractor and will include a three (3) year watertight warranty for roofing work. Information on manufacturer's material warranties will also be provided by the Contractor at Project Completion. Warranty period will begin from the date the notice of completion is accepted by the Project Manager.
2. The contractor will repair or replace defective work, materials or parts included in the above guarantee within a reasonable length of time.

## **K. Maintenance and Operating Instructions**

1. Furnish two complete sets of operating and maintenance instructions for all equipment installed under this contract to include all inspection and maintenance schedules and manufacturer's bulletins with part numbers.

## **L. Project Close Out**

1. Upon completion of all work, the contractor will notify the owner and an inspection will be conducted prior to release of final payment. Any unfinished work noted during this inspection will be identified on a "punch list" and will be furnished to the contractor by the owner with a time line for completion of these items. Items identified, along with all submittals, must be completed prior to final payment being issued.



# Checklist of Labor Law Requirements

(CCR Title 8, Section 16421)

Ultimately the prime contractor is liable for their sub and specialty contractors. This checklist is a useful tool for the prime contractor to ensure that their sub and specialty contractors know their responsibilities on public works projects. Contractors who understand and comply with the law are more likely to deliver the job on time, on budget and done right the first time. We suggest the prime contractor encourage completion of this checklist by their sub and specialty contractors.

NAME (PRINT) \_\_\_\_\_ DATE \_\_\_\_\_  
COMPANY \_\_\_\_\_ PHONE \_\_\_\_\_  
ADDRESS \_\_\_\_\_ FAX \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_  
PROJECT MANAGER \_\_\_\_\_ SUPERINTENDENT/FOREMAN \_\_\_\_\_  
CERTIFIED PAYROLL \_\_\_\_\_ PHONE/EXT. \_\_\_\_\_  
CONTRACTOR LICENSE NO. \_\_\_\_\_ EXP. DATE \_\_\_\_\_ SPECIALTY LICENSE NO. \_\_\_\_\_  
SELF-INSURED CERTIFICATE NO. \_\_\_\_\_ WORKERS COMP. POLICY NO. \_\_\_\_\_  
PROJECT NAME \_\_\_\_\_ PROJECT #/BID PACKAGE# \_\_\_\_\_  
AWARDING BODY \_\_\_\_\_ ADVERTISEMENT DATE \_\_\_\_\_  
IF SUB-CONTRACTING, LIST YOUR PRIME/GENERAL CONTRACTOR \_\_\_\_\_  
CONTRACT AWARD AMOUNT \_\_\_\_\_

THE FEDERAL AND STATE LABOR LAW REQUIREMENTS APPLICABLE TO THE CONTRACT ARE COMPOSED OF, BUT NOT LIMITED TO, THE FOLLOWING:

**Payment of Prevailing Wage Rates**

The contractor to whom the contract is awarded and its subcontractors hired for the public works project are required to pay not less than the specified general prevailing wage rates to all workers employed in the execution of the contract. *Labor Code Section 1770 et seq.*

The contractor is responsible for ascertaining and complying with all current general prevailing wage rates for crafts and any rate changes that occur during the life of the contract. Information on all prevailing wage rates and all rate changes are to be posted at the job site for all workers to view. Additionally, current wage rate information can be found at the DLSR web site, [www.dir.ca.gov/dlsr/statistics\\_research.html](http://www.dir.ca.gov/dlsr/statistics_research.html).

**Apprentices**

It is the duty of the contractor and subcontractors to employ registered apprentices on the public works project and to comply with all aspects of *Labor Code Section 1777.5*, relating to Apprentices on Public Works. (1) Notify approved apprenticeship programs of contract award; (2) employ apprentices; (3) pay training fund contributions.

**Penalties**

There are penalties required for contractor's/subcontractor's failure to pay prevailing wages and for failure to employ apprentices, including forfeitures and debarment under *Labor Code Sections 1775; 1776; 1777.1; 1777.7 and 1813*.

**Certified Payroll Reports**

Under *Labor Code Section 1776*, contractors and subcontractors are required to keep accurate payroll records showing the name, address, social security number and work classification of each employee and owner performing work; also the straight time and overtime hours worked each day for each week, the fringe benefits, and, the actual per diem wage paid to each owner, journey person, apprentice worker or other employee hired in connection with the public works project.

This requirement includes and applies to all subcontractors performing work on Awarding Body projects even if their portion of the work is less than one half of one percent (0.05%) of the total amount of the contract.

The certified payroll records shall contain the same data fields listed on the *Public Works Payroll Reporting Form (A-1-131)* and contain or is accompanied by a declaration made under penalty of perjury. (*California Code of Regulations, Section 16401*).

Prime Contractors are responsible for submittal of their payrolls and those of their respective subcontractors as one package. Any payroll not submitted in the proper form will be rejected. In the event that there has been no work performed during a

## Checklist of Labor Law Requirements, continued

given week, the Certified Payroll Report shall be annotated: "No work" for that week or a Non-Performance Statement must be submitted.

Employee payroll records shall be certified and shall be made available for inspection at all reasonable hours at the principal office of the contractor/subcontractor, or shall be furnished to any employee, or his/her authorized representative on request, pursuant to *Labor Code Section 1776*.

Under *Labor Code Section 1776(g)* there are penalties required for contractor's/subcontractor's failure to maintain and submit copies of certified payroll records on request.

**Nondiscrimination in Employment**

There exist prohibitions against employment discrimination under *Labor Code Sections 1735 and 1777.6*, the *Government Code*, the *Public Contracts Code*, and *Title VII of the Civil Rights Act of 1964*.

**Kickbacks Prohibited**

Contractors and subcontractors are prohibited from recapturing wages illegally by accepting or extracting "kickbacks" from employee wages under *Labor Code Section 1778*.

**Acceptance of Fees Prohibited**

There exists a prohibition against contractor/subcontractor acceptance of fees for registering any person for public work under *Labor Code Section 1779*; or for filling work orders on public works contracts pursuant to *Labor Code Section 1780*.

**Listing of Subcontractors**

All prime contractors are required to list properly all subcontractors hired to perform work on the public works projects covering more than one-half of one percent, pursuant to *Government Code Section 4104*.

**Proper Licensing**

Contractors are required to be licensed properly and to require that all subcontractors be properly licensed. Penalties are required for employing workers while unlicensed under *Labor Code Section 1021* and under the California Contractor License Law found at *Business and Professions Code Section 7000 et seq.*

**Unfair Competition Prohibited**

Contractors and sub-contractors are prohibited from engaging in unfair competition as specified under *Business and Professions Code Sections 17200 to 17208*.

**Workers Compensation Insurance**

*Labor Code Section 1861* requires that contractors and subcontractors be insured properly for Workers Compensation.

**OSHA**

Contractors and subcontractors are required to abide by the Occupational, Safety and Health laws and regulations that apply to the particular construction project.

**Proof of Eligibility/Citizenship**

The federal prohibition against hiring undocumented workers, and the requirement to secure proof of eligibility/citizenship from all workers, is required.

**Itemized Wage Statement**

*Labor Code Section 226* requires that employees be provided with itemized wage statements.

### CERTIFICATION

I acknowledge that I have been informed and am aware of the foregoing requirements and that I am authorized to make this certification on behalf of \_\_\_\_\_  
(COMPANY NAME)

I fully understand that failure to comply with any of the above requirements may subject me, or my company, to penalties as provided above.

Contractor \_\_\_\_\_ (SIGNATURE) \_\_\_\_\_ (DATE)

Awarding Agency /Labor Compliance Program \_\_\_\_\_ (SIGNATURE) \_\_\_\_\_ (DATE)



**NOTICE TO PUBLIC ENTITY**

**For Privacy Considerations**

**Fold back along dotted line prior to copying for release to general public (private persons).**

(Paper Size then 8-1/2 x 11 inches)



I, \_\_\_\_\_, the undersigned, am the  
(Name – print)

\_\_\_\_\_ with the authority to act for and on behalf of  
(Position in business)

\_\_\_\_\_, certify under penalty of perjury  
(Name of business and/or contractor)

that the records or copies thereof submitted and consisting of \_\_\_\_\_  
(Description, number of pages)

are the originals or true, full, and correct copies of the originals which depict the payroll record(s)  
of the actual disbursements by way of cash, check, or whatever form to the individual or  
individuals named.

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

A public entity may require a stricter and/or more extensive form of certification.

**CERTIFICATE AND RELEASE**

FROM: \_\_\_\_\_  
*Contractor*

TO: Regional Housing Authority

BETWEEN: Regional Housing Authority Hereinafter called the Owner  
AND

Name: \_\_\_\_\_ Hereinafter called the Contractor

Address: \_\_\_\_\_

City: \_\_\_\_\_

**KNOWN ALL MEN BY THESE PRESENTS:**

1. The undersigned hereby certifies that there is due and payable under the contract and duly approved change orders and modifications the undisputed balance of \$ \_\_\_\_\_.
2. The undersigned further certifies that in addition to the amount set forth in paragraph one(1), hereof, there are outstanding and unsettled the following items which he claims are just and due and owing by the Local Owner to the Contractor.  
 (A) \_\_\_\_\_  
 (B) \_\_\_\_\_  
 (C) \_\_\_\_\_  
 (Itemized claims and amounts claimed. If none, so state.)
3. The undersigned further certifies that all work required under this contract including work required under Change Orders numbered \_\_\_\_\_ has been performed in accordance with the terms thereof, and that there are no claims of laborers or mechanics for unpaid wages arising out of the performance of this contract, and that the wage rates paid by the Contractor and all Subcontractors were in conformity with the contract provisions relating to said wage rates.
4. Except for the amounts Stated in paragraph 1 and 2 hereof the undersigned has received from the Local Owner all sums of money payable to the undersigned under the pursuant to the aforementioned contract or any change or modifications thereof.
5. That in consideration of the payment of the amount Stated in paragraph 1 hereof the undersigned does hereby release the Local Owner from any and all claims arising under or by virtue of this contract except the amounts listed in paragraph 2 hereof; provided, however, that if for any reason the Local Owner does not pay in full the amount Stated in paragraph 1 hereof, said deduction shall not affect the validity of this release, but the amount so deducted shall be automatically included under paragraph 2 as an amount which the Contractor has not released by will release upon payment thereof.

The Contractor further certifies that upon payment of the amounts listed in paragraph 2 hereof, and of any amount which may be deducted from paragraph 1 hereof, he will release the Local Owner from any and all claims of any nature whatsoever arising out of said contract or modification thereof, and will execute such further releases or assurances as the Local Owner may request.

6. The Contractor assigns all guarantees and warranties to the Local Owner effective today.

IN WITNESS WHEREOF, the undersigned has signed and sealed this instrument, this \_\_\_\_\_ day of , \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
(Company) By: \_\_\_\_\_  
Title: \_\_\_\_\_

I, \_\_\_\_\_ being first duly sworn on oath, deposes and says, first, that he is the \_\_\_\_\_ of the \_\_\_\_\_ second that he  
(Title) (Company)

has read the foregoing CERTIFICATE AND RELEASE by him subscribed as the \_\_\_\_\_  
(Title)

of the \_\_\_\_\_  
(Company).

Affiant further States that the matters and things stated therein are, to the best of his knowledge and belief, true.

\_\_\_\_\_  
Signature.

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Signature

MY COMMISSION EXPIRES \_\_\_\_\_.

COMPLETED, assignment of all guarantees and warranties to the Local Owner, and final periodical estimate to be submitted.

Regional Housing Authority

By: \_\_\_\_\_ Title: \_\_\_\_\_

**PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR  
OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773, & 1773.1**

**CRAFT: #RESIDENTIAL CARPENTER**

**RESIDENTIAL DETERMINATION:** R-23-31-1-2017-1E

Pursuant to the California Code of Regulations Section 16001(d), residential projects consist of single-family homes and apartments up to and including four stories. This residential determination applies only to the residential portion of the project meeting this definition. Construction of any structures or ancillary facilities on the project that does not meet this definition requires the payment of the general commercial prevailing wage rates.

**ISSUE DATE:** December 1, 2017

**EXPIRATION DATE:** June 30, 2018\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit at (415) 703-4774.

**LOCALITY:** All localities within Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, portions of El Dorado (includes territory east of Highway 49, excluding territory inside the city limits of Placerville), Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Nevada, portions of Placer (includes territory east of Highway 49), Plumas, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yuba Counties.

**WAGE RATES:**

<u>Classification(s)</u>	<u>Basic Straight-Time Hourly Rate</u>
Residential Carpenter	\$38.57
Residential Hardwood Floorlayers	\$38.72
Residential Shinglers	\$38.72
Residential Power Saw Operators	\$38.72
Residential Steel Scaffold & Steel Shoring Erectors	\$38.72
Residential Saw Filers	\$38.72

**EMPLOYER PAYMENTS:** (Labor Code Section 1773.1)

<b>Health &amp; Welfare:</b>	\$11.45 per hour worked
<b>Pension:</b>	\$9.65 per hour worked
<b>Vacation/Dues:</b>	\$4.38 per hour worked <sup>a</sup>
<b>Training:</b>	\$0.88 per hour worked
<b>Other:</b>	\$2.54 per hour worked <sup>b</sup>

**STRAIGHT TIME HOURS:**

Eight (8) consecutive hours per day, Monday through Friday, shall constitute a day's work. Saturday in the same workweek may be worked at a straight-time rate if a job is shut down during the normal workweek due to inclement weather.

**OVERTIME:**

One and one-half (1½x) the basic straight-time hourly rate will be paid for the first four (4) daily overtime hours, the first eight (8) hours worked on Saturday. Double (2x) the basic straight-time hourly rate will be paid for all hours worked in excess of the first four daily overtime hours and the first eight hours on Saturday and all hours worked on Sundays and Holidays. For the four designated off/holidays, one and one-half (1½x) the basic straight-time hourly rate will be paid for the first eight (8) hours worked.

*(Continued)*





**RECOGNIZED HOLIDAYS:**

New Year's Day, Martin Luther King's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving Day, and Christmas Day. If any of the holidays fall on Saturday, the preceding Friday shall be observed as the holiday. If any of the above holidays fall on Sunday, the Monday following shall be observed as the holiday.

The following days in 2017 will be designated off/holidays: 2017- Friday, February 17<sup>th</sup>, Friday, May 26<sup>th</sup>, Monday, July 3<sup>rd</sup>, Friday, September 1<sup>st</sup>.

**TRAVEL AND SUBSISTENCE:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. Travel and/or subsistence requirements for each craft, classification, or type of worker may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

---

# Indicates an apprenticeable craft. To obtain current residential apprentice wage rates please fax a request to (415) 703-4771 or send to the Office of the Director – Research Unit at P.O. Box 420603, San Francisco, CA 94142-0603. To obtain any commercial and residential apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Includes an amount for work fees.

<sup>b</sup> Includes an amount for Annuity Trust Fund, Industry Promotion Fund, Contract Work Preservation, Carpenter Employers Contract Administration, and Carpenters International Fund.

\*\* Effective on July 1, 2018, there will be an increase of \$2.61 allocated to wages and/or fringes.  
There are no further increases applicable to this determination.



**PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR  
OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773, & 1773.1**

**CRAFT: #RESIDENTIAL ELECTRICIAN**

**RESIDENTIAL DETERMINATION:** R-61-551-2-2017-1D

Pursuant to the California Code of Regulations Section 16001(d), residential projects consist of single-family homes and apartments up to and including four stories. This residential determination applies only to the residential portion of the project meeting this definition. Construction of any structures or ancillary facilities on the project that does not meet this definition requires the payment of the general commercial prevailing wage rates.

**ISSUE DATE:** December 1, 2017

**EXPIRATION DATE:** May 31, 2018\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**LOCALITY:** All localities within Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, Lassen, Mariposa, Merced, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Sierra, Stanislaus, Sutter, Tehama, Trinity, Tuolumne, Yolo, and Yuba Counties.

**WAGE RATES:**

<u>Classification(s)</u>	<u>Basic Straight-Time Hourly Rate</u>
Residential Electrician: Inside Wireman	\$24.50
Residential Electrician: Inside Wireman (Second Shift)	\$28.75
Residential Electrician: Inside Wireman (Third Shift)	\$32.20

**EMPLOYER PAYMENTS:** (Labor Code Section 1773.1)

<b>Health &amp; Welfare:</b>	\$10.60 per hour worked.
<b>Pension:</b>	\$2.33 per hour worked. (\$2.45 for Second Shift, \$2.56 for Third Shift) <sup>a</sup>
<b>Training:</b>	\$0.85 per hour worked.
<b>Other:</b>	\$0.56 per hour worked. (\$0.60 for Second Shift, \$0.63 for Third Shift) <sup>b</sup>

**STRAIGHT TIME HOURS:**

Eight (8) hours per day, Monday through Friday, shall constitute a day's work.<sup>c</sup>

**OVERTIME:** One and one-half (1½x) times the basic straight time hourly rate is paid for all hours worked in excess of the eight hour workday and for all hours worked on Saturdays. Double (2x) the basic straight-time hourly rate is paid for all hours worked on Sundays and Holidays. Saturdays, Sundays and Holidays shall be paid at the non-shift rate. Workers employed on the 2<sup>nd</sup> shift shall receive eight (8) hours pay for seven and one-half (7.5) hours of work. Workers employed on the 3<sup>rd</sup> shift shall receive (8) hours pay for seven (7) hours of work.

**RECOGNIZED HOLIDAYS:**

New Year's Day, Martin Luther King Jr. Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day after Thanksgiving, Christmas Day, and the weekday before or after Christmas. When Christmas day falls on a Tuesday, Wednesday, Friday, or Saturday the holiday shall be observed on the previous day (Monday, Tuesday, Thursday or Friday). When Christmas day falls on Sunday, Monday, or Thursday the holiday shall be observed on the following day (Monday, Tuesday or Friday). If any of the above holidays fall on Sunday, the Monday following shall be considered a holiday. If any of the holidays fall on Saturday the preceding Friday shall be observed as a holiday.

(Continued)



**TRAVEL AND SUBSISTENCE:**

In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. Travel and/or subsistence requirements for each craft, classification, or type of worker may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

---

# Indicates an apprenticeable craft. To obtain current residential apprentice wage rates please fax a request to (415) 703-4771 or send to the Office of the Director – Research Unit at P.O. Box 420603, San Francisco, CA 94142-0603. To obtain any commercial and residential apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>

- <sup>a</sup> Includes an amount equal to 3% of the Basic Hourly Rate added for NEBF (National Employees Benefit Fund) which is factored at the applicable overtime multiplier, and an amount (\$1.59) for Pension. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages.
- <sup>b</sup> Amount is for LMCC (\$0.30), National LMCC (\$0.01), and CAF equal to 1% of the Basic Hourly Rate. CAF is factored at the applicable overtime multiplier.
- <sup>c</sup> For 2<sup>nd</sup> Shift, 8 hours pay for 7.5 hours worked at the straight time Basic Hourly Rate.  
For 3<sup>rd</sup> Shift, 8 hours pay for 7 hours worked at the straight time Basic Hourly Rate.

\* The rates are in effect throughout the duration of the determination.



**PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR  
OF INDUSTRIAL RELATIONS PURSUANT TO CALIFORNIA LABOR CODE  
PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773, & 1773.1**

**CRAFT: #RESIDENTIAL SHEET METAL WORKER**

**RESIDENTIAL DETERMINATION:** R-166-162-1-2017-1

Pursuant to the California Code of Regulations Section 16001(d), residential projects consist of single-family homes and apartments up to and including four stories. This residential determination applies only to the residential portion of the project meeting this definition. Construction of any structures or ancillary facilities on the project that does not meet this definition requires the payment of the general commercial prevailing wage rates.

**ISSUE DATE:** December 1, 2017

**EXPIRATION DATE:** June 30, 2018\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 704-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

**LOCALITY:** All localities within Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Sutter, Tehama, Yolo, and Yuba Counties.

**WAGE RATES:**

<u>Classification(s)</u>	<u>Basic Straight-Time Hourly Rate</u>
Residential Sheet Metal Worker	\$27.17 <sup>a</sup>

**EMPLOYER PAYMENTS: (Labor Code Section 1773.1)**

**Health & Welfare:** \$7.94 per hour worked.  
**Pension:** \$5.20 per hour worked. <sup>b</sup>  
**Training:** \$0.64 per hour worked.  
**Other:** \$0.76 per hour worked. <sup>c</sup>

**STRAIGHT TIME HOURS:** Eight (8) consecutive hours from Monday through Friday shall constitute a workday.

**OVERTIME:** One and one-half (1½x) times the basic straight time hourly rate is paid for the first two (2) hours performed in excess of the eight-hour workday and the first ten (10) hours worked on Saturdays. Double (2x) the basic straight-time hourly rate is paid for all other overtime hours including Sundays and Holidays.

**RECOGNIZED HOLIDAYS:** New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day, Presidents Day, Good Friday, Friday after Thanksgiving, and Friday prior to Labor Day. If any of the Holidays fall on Saturday, the Friday before shall be a Holiday. If any of the Holidays fall on Sunday, the Monday following shall be a Holiday. If New Year's Day, Independence Day, or Christmas falls on Tuesday, the preceding Monday shall be a Holiday. If New Year's Day, Independence Day, or Christmas fall on a Thursday, the following Friday shall be a Holiday.

**TRAVEL AND SUBSISTENCE:** In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. Travel and/or subsistence requirements for each craft, classification, or type of worker may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

---

# Indicates an apprenticeable craft. To obtain current residential apprentice wage rates please fax a request to (415) 703-4771 or send to the Office of the Director – Research Unit at P.O. Box 420603, San Francisco, CA 94142-0603. To obtain any commercial and residential apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Includes \$1.00 for Vacation and \$1.51 for Dues Check Off.

<sup>b</sup> Includes \$2.95 for Profit Sharing Plan which is factored at the applicable overtime multiplier. Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for this employer payment may vary resulting in a lower taxable basic hourly wage rate, but the total hourly rates for straight time and overtime may not be less than the general prevailing rate of per diem wages.

<sup>c</sup> Includes \$0.15 for Labor Management, \$0.56 for Industry Fund, and \$0.05 for Scholar Fund.

\*The rates are in effect throughout the duration of the project.





GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: # IRON WORKER**

**DETERMINATION:** C-20-X-1-2018-1

**ISSUE DATE:** February 22, 2018

**EXPIRATION DATE OF DETERMINATION:** May 31, 2018\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

**LOCALITY:** All localities within the State of California

CLASSIFICATION (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	°Daily 1 1/2X	°Saturday 1 1/2X	Sunday/ Holiday
<b>AREA 1<sup>a</sup></b>											
Iron Worker (Ornamental, Reinforcing, Structural)	\$37.50	9.55	13.32	<sup>b</sup> 4.00	0.72	2.865	8	67.955	86.705	86.705	105.455
Fence Erector	\$31.08	7.38	8.99	<sup>b</sup> 2.70	0.51	1.905	8	52.565	68.105	68.105	83.645
<b>AREA 2<sup>a</sup></b>											
Iron Worker (Ornamental, Reinforcing, Structural)	\$37.00	9.55	13.32	<sup>b</sup> 4.00	0.72	2.865	8	67.455	85.955	85.955	104.455
Fence Erector	\$30.58	7.38	8.99	<sup>b</sup> 2.70	0.51	1.905	8	52.065	67.355	67.355	82.645

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at

<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> AREA 1 – ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES.

AREA 2 - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, IMPERIAL, INYO, KERN, KINGS, LAKE, LASSEN, LOS ANGELES, MADERA, MARIN, MARIPOSA, MENDOCINO, MERCED, MODOC, MONO, MONTEREY, NAPA, NEVADA, ORANGE, PLACER, PLUMAS, RIVERSIDE, SACRAMENTO, SAN BENITO, SAN BERNARDINO, SAN DIEGO, SAN JOAQUIN, SAN LUIS OBISPO, SANTA BARBARA, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, VENTURA, YOLO, AND YUBA COUNTIES.

<sup>b</sup> Includes supplemental dues.

<sup>c</sup> Rate applies to the first 2 daily overtime hours and the first 8 hours on Saturday. All other overtime is at the Sunday/Holiday rate.

**RECOGNIZED HOLIDAYS:** Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**TRAVEL AND/OR SUBSISTENCE PAYMENT:** In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.



GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)**

**Determination:** C-MT-261-150-53-2017-2

**Issue Date:** August 22, 2017

**Expiration date of determination:** June 30, 2018\* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for new rates after 10 days from the expiration date, if no subsequent determination is issued.

**Localities:** All localities within Butte, Colusa, El Dorado, Placer, Sacramento, Sutter, Yolo and Yuba Counties.

Classification	Employer Payments				Straight-Time			Overtime Hourly Rate			
	Basic Hourly Rate	Health And Welfare	Pension	Vacation And Holiday	Hours	Training	Other	Total Hourly Rate	Daily (1½ X)	Saturday (1½ X)	Sunday/Holiday (2 X)
Driver: Mixer Truck	\$27.00	\$13.52 <sup>a</sup>	\$10.12	\$3.37	8.0	-	-	\$54.01	\$67.51	\$67.51	\$81.01

<sup>a</sup> Contribution shall be paid for all hours worked up to 173 hours per month.

**RECOGNIZED HOLIDAYS:** Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DIRPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

**TRAVEL AND/OR SUBSISTENCE PAYMENT:** In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence requirements for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DIRPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.



GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: # CEMENT MASON**

**DETERMINATION:** NC-23-203-1-2017-1

**ISSUE DATE:** August 22, 2017

**EXPIRATION DATE OF DETERMINATION:** June 30, 2018\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours <sup>b</sup>	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>c</sup> 1 1/2X	Sunday and Holiday
Cement Mason	\$33.49	8.35	10.80	5.71 <sup>a</sup>	0.56	0.10	8	59.01	75.755	75.755 <sup>d</sup>	92.50
Mastic Magnesite Gypsum, Epoxy, Polyester, Resin and all composition masons, swing or slip form scaffolds	\$34.49	8.35	10.80	5.71 <sup>b</sup>	0.56	0.10	8	60.01	77.255	77.255 <sup>d</sup>	94.50

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Includes an amount for supplemental dues.

<sup>b</sup> Where multiple shifts are worked, the day shift shall work eight (8) hours and for such work they shall be paid the regular straight time rate for eight (8) hours; the second (2<sup>nd</sup>) shift shall work seven and one-half (7 ½) hours, and for such work they shall be paid the regular straight time rate for eight (8) hours; if a third (3<sup>rd</sup>) shift is worked, they shall work seven (7) hours and for such work they shall be paid eight (8) hours regular straight time pay. No multiple shift shall be started for less than five (5) consecutive days.

<sup>c</sup> Saturdays in the same work week may be worked at straight time if a job is shut down during the normal work week due to inclement weather or major mechanical breakdown (limited to curb and gutter machine, concrete pump, and concrete plant).

<sup>d</sup> Rate applies to the first 8 hours of work on Saturday. All other hours worked on Saturday are paid at the Sunday/Holiday rate.

**RECOGNIZED HOLIDAYS:** Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**TRAVEL AND/OR SUBSISTENCE PAYMENT:** In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # CEMENT MASON (SPECIAL SINGLE SHIFT)

**DETERMINATION:** NC-23-203-1A-2017-1

**ISSUE DATE:** August 22, 2017

**EXPIRATION DATE OF DETERMINATION:** June 30, 2018\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

**LOCALITY:** All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo, and Yuba counties.

CLASSIFICATION (JOURNEYPERSON)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>b</sup> 1 1/2X	Sunday and Holiday
Cement Mason	\$36.49	8.35	10.80	5.71 <sup>a</sup>	0.56	0.10	8	62.01	80.255	80.255 <sup>c</sup>	98.50
Mastic Magnesite Gypsum, Epoxy, Polyester, Resin and all composition masons, swing or slip form scaffolds	\$37.49	8.35	10.80	5.71 <sup>a</sup>	0.56	0.10	8	63.01	81.755	81.755 <sup>c</sup>	100.50

# Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Includes an amount for supplemental dues.

<sup>b</sup> Saturdays in the same work week may be worked at straight time if a job is shut down during the normal work week due to inclement weather or major mechanical breakdown (limited to curb and gutter machine, concrete pump, and concrete plant).

<sup>c</sup> Rate applies to the first 8 hours of work on Saturday. All other hours worked on Saturday are paid at the Sunday/Holiday rate.

**RECOGNIZED HOLIDAYS:** Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**TRAVEL AND/OR SUBSISTENCE PAYMENT:** In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #DRYWALL INSTALLER/LATHER (CARPENTER)

DETERMINATION: NC-31-X-16-2017-2

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Alameda, Alpine, Amador, Butte, Calaveras, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Marin, Mariposa, Mendocino, Merced, Modoc, Monterey, Napa, Nevada, Placer, Plumas, Sacramento, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Shasta, Sierra, Siskiyou, Solano, Sonoma, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, Yolo and Yuba counties.

CLASSIFICATION (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday <sup>g</sup>	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday 1 1/2X	Sunday and Holiday
<b><sup>a</sup> Area 1</b>											
Drywall Installer/ Lather	\$46.40	\$11.45	<sup>f</sup> \$12.40	\$4.38	\$0.82	\$0.94	8	\$76.39	<sup>h</sup> \$99.59	<sup>h</sup> \$99.59	\$122.79
Stocker, Scrapper <sup>e</sup>	23.20	11.45	<sup>f</sup> 5.45	4.33	-	-	8	44.43	<sup>h</sup> 56.03	<sup>h</sup> 56.03	67.63
Stocker, Scrapper	23.20	11.45	1.10	4.33	-	-	8	40.08	<sup>h</sup> 51.68	<sup>h</sup> 51.68	63.28
<b><sup>b</sup> Area 2</b>											
Drywall Installer/ Lather	40.52	11.45	<sup>f</sup> 12.40	4.38	0.82	0.94	8	70.51	<sup>h</sup> 90.77	<sup>h</sup> 90.77	111.03
Stocker, Scrapper <sup>e</sup>	20.26	11.45	<sup>f</sup> 5.45	4.33	-	-	8	41.49	<sup>h</sup> 51.62	<sup>h</sup> 51.62	61.75
Stocker, Scrapper	20.26	11.45	1.10	4.33	-	-	8	37.14	<sup>h</sup> 47.27	<sup>h</sup> 47.27	57.40
<b><sup>c</sup> Area 3</b>											
Drywall Installer/ Lather	41.02	11.45	<sup>f</sup> 12.40	4.38	0.82	0.94	8	71.01	<sup>h</sup> 91.52	<sup>h</sup> 91.52	112.03
Stocker, Scrapper <sup>e</sup>	20.51	11.45	<sup>f</sup> 5.45	4.33	-	-	8	41.74	<sup>h</sup> 51.995	<sup>h</sup> 51.995	62.25
Stocker, Scrapper	20.51	11.45	1.10	4.33	-	-	8	37.39	<sup>h</sup> 47.645	<sup>h</sup> 47.645	57.90
<b><sup>d</sup> Area 4</b>											
Drywall Installer/ Lather	39.67	11.45	<sup>f</sup> 12.40	4.38	0.82	0.94	8	69.66	<sup>h</sup> 89.495	<sup>h</sup> 89.495	109.33
Stocker, Scrapper <sup>e</sup>	19.84	11.45	<sup>f</sup> 5.45	4.33	-	-	8	41.07	<sup>h</sup> 50.99	<sup>h</sup> 50.99	60.91
Stocker, Scrapper	19.84	11.45	1.10	4.33	-	-	8	36.72	<sup>h</sup> 46.64	<sup>h</sup> 46.64	56.56

<sup>h</sup>Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

<sup>a</sup> Area 1 - Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano and Sonoma counties.

<sup>b</sup> Area 2 - Monterey, San Benito, and Santa Cruz Counties.

<sup>c</sup> Area 3 - El Dorado<sup>1</sup>, Placer<sup>1</sup>, Sacramento, San Joaquin, and Yolo Counties.

<sup>d</sup> Area 4 - Alpine, Amador, Butte, Calaveras, Colusa, Del Norte, El Dorado<sup>1</sup>, Fresno, Glenn, Humboldt, Kings, Lake, Lassen, Madera, Mariposa, Mendocino, Merced, Modoc, Nevada, Placer<sup>1</sup>, Plumas, Shasta, Sierra, Siskiyou, Stanislaus, Sutter, Tehama, Trinity, Tulare, Tuolumne, and Yuba Counties.

<sup>e</sup> Employed by the same contractor for 2000 hours (consecutively or cumulatively).

<sup>f</sup> Includes an amount for Annuity Trust Fund.

<sup>g</sup> Includes an amount for Work Fees.

<sup>h</sup> Rate applies to the first 4 overtime hours Monday through Friday and the first 8 hours on Saturday. All other time is paid at the Sunday and Holiday overtime rate.

Saturdays may be worked at straight time if job is shut down during Monday through Friday due to inclement weather or major mechanical breakdown.

<sup>1</sup> Area 3 includes the portion of Placer County west of and including Highway 49 and the portion of El Dorado County west of and including Highway 49 and the territory inside the city limits of Placerville. Area 4 includes the portions of Placer and El Dorado Counties not covered in Area 3.

**RECOGNIZED HOLIDAYS:** Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**TRAVEL AND/OR SUBSISTENCE PAYMENT:** In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.





GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #LABORER AND RELATED CLASSIFICATIONS

DETERMINATION: NC-23-102-1-2018-1

ISSUE DATE: February 22, 2018

EXPIRATION DATE OF DETERMINATION: June 24, 2018\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

LOCALITY: ALL LOCALITIES WITHIN ALAMEDA, ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, CONTRA COSTA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MARIN, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO, AND YUBA COUNTIES.

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate <sup>e</sup>	Employer Payments					Straight-Time		Overtime Hourly Rate		Sunday/Holiday 2X
		Health and Welfare	Pension	Vacation and Holiday	Training	Other Payments	Hours <sup>f</sup>	Total Hourly Rate	Daily 1 1/2X	Saturday <sup>b</sup> 1 1/2X	
<b>AREA 1<sup>c</sup></b>											
Construction Specialist	30.49	8.00	12.00	2.63	0.45	0.22	8	53.79	69.04	69.04	84.28
Group 1; Group 1(B) <sup>e</sup>	29.79	8.00	12.00	2.63	0.45	0.22	8	53.09	67.99	67.99	82.88
Group 1 (A)	30.01	8.00	12.00	2.63	0.45	0.22	8	53.31	68.32	68.32	83.32
Group 1 (C)	29.84	8.00	12.00	2.63	0.45	0.22	8	53.14	68.06	68.06	82.98
Group 1 (E)	30.34	8.00	12.00	2.63	0.45	0.22	8	53.64	68.81	68.81	83.98
Group 1 (G)	29.99	8.00	12.00	2.63	0.45	0.22	8	53.29	68.29	68.29	83.28
Group 2	29.64	8.00	12.00	2.63	0.45	0.22	8	52.94	67.76	67.76	82.58
Group 3; Group 3(A)	29.54	8.00	12.00	2.63	0.45	0.22	8	52.84	67.61	67.61	82.38
Group 4; Group 6(B)	23.23	8.00	12.00	2.63	0.45	0.22	8	46.53	58.15 <sup>d</sup>	58.15 <sup>d</sup>	69.76 <sup>d</sup>
Group 6	30.75	8.00	12.00	2.63	0.45	0.22	8	54.05	69.43	69.43	84.80
Group 6 (A)	30.25	8.00	12.00	2.63	0.45	0.22	8	53.55	68.68	68.68	83.80
Group 6 (C)	29.66	8.00	12.00	2.63	0.45	0.22	8	52.96	67.79	67.79	82.62
Group 6 (D)	30.37	8.00	12.00	2.63	0.45	0.22	8	53.67	68.86	68.86	84.04
Group 6 (E)	29.39	8.00	12.00	2.63	0.45	0.22	8	52.69	67.39	67.39	82.08
Group 7 – Stage 1 (1 <sup>st</sup> 6 months)	20.68	8.00	12.00	2.63	0.45	0.22	8	43.98	54.32	54.32	64.66
Stage 2 (2 <sup>nd</sup> 6 months)	23.63	8.00	12.00	2.63	0.45	0.22	8	46.93	58.75	58.75	70.56
Stage 3 (3 <sup>rd</sup> 6 months)	26.59	8.00	12.00	2.63	0.45	0.22	8	49.89	63.18	63.18	76.47
<b>AREA 2<sup>c</sup></b>											
Construction Specialist	29.49	8.00	12.00	2.63	0.45	0.22	8	52.79	67.54	67.54	82.28
Group 1; Group 1(B) <sup>e</sup>	28.79	8.00	12.00	2.63	0.45	0.22	8	52.09	66.49	66.49	80.88
Group 1 (A)	29.01	8.00	12.00	2.63	0.45	0.22	8	52.31	66.82	66.82	81.32
Group 1 (C)	28.84	8.00	12.00	2.63	0.45	0.22	8	52.14	66.56	66.56	80.98
Group 1 (E)	29.34	8.00	12.00	2.63	0.45	0.22	8	52.64	67.31	67.31	81.98
Group 2	28.64	8.00	12.00	2.63	0.45	0.22	8	51.94	66.26	66.26	80.58
Group 3; Group 3(A)	28.54	8.00	12.00	2.63	0.45	0.22	8	51.84	66.11	66.11	80.38
Group 4; Group 6(B)	22.23	8.00	12.00	2.63	0.45	0.22	8	45.53	56.65 <sup>d</sup>	56.65 <sup>d</sup>	67.76 <sup>d</sup>
Group 6	29.75	8.00	12.00	2.63	0.45	0.22	8	53.05	67.93	67.93	82.80
Group 6 (A)	29.25	8.00	12.00	2.63	0.45	0.22	8	52.55	67.18	67.18	81.80
Group 6 (C)	28.66	8.00	12.00	2.63	0.45	0.22	8	51.96	66.29	66.29	80.62
Group 6 (D)	29.37	8.00	12.00	2.63	0.45	0.22	8	52.67	67.36	67.36	82.04
Group 6 (E)	28.39	8.00	12.00	2.63	0.45	0.22	8	51.69	65.89	65.89	80.08
Group 7 – Stage 1 (1 <sup>st</sup> 6 months)	19.98	8.00	12.00	2.63	0.45	0.22	8	43.28	53.27	53.27	63.26
Stage 2 (2 <sup>nd</sup> 6 months)	22.83	8.00	12.00	2.63	0.45	0.22	8	46.13	57.55	57.55	68.96
Stage 3 (3 <sup>rd</sup> 6 months)	25.69	8.00	12.00	2.63	0.45	0.22	8	48.99	61.83	61.83	74.67

PLEASE GO TO PAGE 50 FOR CLASSIFICATIONS WITHIN EACH GROUP

# INDICATES AN APPRENTICEABLE CRAFT. THE CURRENT APPRENTICE WAGE RATES ARE AVAILABLE ON THE INTERNET AT

[HTTP://WWW.DIR.CA.GOV/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP](http://www.dir.ca.gov/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP) TO OBTAIN ANY APPRENTICE WAGE RATES AS OF JULY 1, 2008 AND PRIOR TO SEPTEMBER 27, 2012, PLEASE CONTACT THE DIVISION OF APPRENTICESHIP STANDARDS OR REFER TO THE DIVISION OF APPRENTICESHIP STANDARDS' WEBSITE AT [HTTP://WWW.DIR.CA.GOV/DAS/DAS.HTM](http://www.dir.ca.gov/DAS/DAS.HTM).

a GROUP 1(D) - MAINTENANCE OR REPAIR TRACKMEN AND ROAD BEDS AND ALL EMPLOYEES PERFORMING WORK COVERED BY THIS CLASSIFICATION SHALL RECEIVE \$0.25 PER HOUR ABOVE THEIR REGULAR RATE FOR ALL WORK PERFORMED ON UNDERGROUND STRUCTURES NOT SPECIFICALLY COVERED HEREIN. THIS SHALL NOT APPLY TO WORK BELOW GROUND LEVEL IN OPEN CUT. THIS SHALL APPLY TO CUT AND COVER WORK OF SUBWAY CONSTRUCTION AFTER TEMPORARY COVER HAS BEEN PLACED.

GROUP 1(H) - ALL LABORERS WORKING OFF OR WITH OR FROM BOS'N CHAIRS, SWINGING SCAFFOLDS, BELTS RECEIVE \$0.50 PER HOUR ABOVE THEIR APPLICABLE WAGE RATE. THIS SHALL NOT APPLY TO LABORERS ENTITLED TO RECEIVE THE WAGE RATE SET FORTH IN GROUP 1(A).

b SATURDAYS IN THE SAME WORK WEEK MAY BE WORKED AT STRAIGHT-TIME IF JOB IS SHUT DOWN DURING THE NORMAL WORK WEEK DUE TO INCLEMENT WEATHER, MAJOR MECHANICAL BREAKDOWN OR LACK OF MATERIALS BEYOND THE CONTROL OF THE EMPLOYER.

c AREA 1 - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES.

AREA 2 - 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.

d SERVICE LANDSCAPE LABORER ON NEW CONSTRUCTION MAY WORK ANY FIVE (5) DAYS WITHIN A WEEK.

e GROUP 1(B) RECEIVES AN ADDITIONAL AMOUNT EACH DAY. SEE PAGE 50 FOR DETAILS.

f WHEN THREE SHIFTS ARE EMPLOYED FOR FIVE (5) OR MORE CONSECUTIVE DAYS, SEVEN AND ONE-HALF (7 ½) CONSECUTIVE HOURS (EXCLUSIVE OF MEAL PERIOD), SHALL CONSTITUTE A DAY OF WORK, FOR WHICH EIGHT (8) TIMES THE STRAIGHT TIME HOURLY RATE SHALL BE PAID AT THE NON-SHIFT WAGE RATE FOR THE SECOND SHIFT. THE THIRD SHIFT SHALL BE SEVEN (7) HOURS OF WORK FOR EIGHT (8) HOURS PAY AT THE NON-SHIFT WAGE RATE.

g ZONE PAY AT THREE DOLLARS (\$3.00) PER HOUR, FACTORED AT THE APPLICABLE OVERTIME MULTIPLE, WILL BE ADDED TO THE BASE RATE FOR WORK PERFORMED OUTSIDE THE FREE ZONE DESCRIBED BY THE BOUNDARIES ALONG TOWNSHIP AND RANGE LINES. PLEASE SEE TRAVEL AND SUBSISTENCE PROVISION FOR MAP DESCRIPTION AND EXCEPTIONS.

RECOGNIZED HOLIDAYS: HOLIDAYS UPON WHICH THE GENERAL PREVAILING HOURLY WAGE RATE FOR HOLIDAY WORK SHALL BE PAID, SHALL BE ALL HOLIDAYS IN THE COLLECTIVE BARGAINING AGREEMENT, APPLICABLE TO THE PARTICULAR CRAFT, CLASSIFICATION, OR TYPE OF WORKER EMPLOYED ON THE PROJECT, WHICH IS ON FILE WITH THE DIRECTOR OF INDUSTRIAL RELATIONS. IF THE PREVAILING RATE IS NOT BASED ON A COLLECTIVELY BARGAINED RATE, THE HOLIDAYS UPON WHICH THE PREVAILING RATE SHALL BE PAID SHALL BE AS PROVIDED IN SECTION 6700 OF THE GOVERNMENT CODE. YOU MAY OBTAIN THE HOLIDAY PROVISIONS FOR THE CURRENT DETERMINATIONS ON THE INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/DPREWAGEDETERMINATION.HTM](http://www.dir.ca.gov/OPRL/DPREWAGEDETERMINATION.HTM). HOLIDAY PROVISIONS FOR CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED BY CONTACTING THE OFFICE OF THE DIRECTOR – RESEARCH UNIT AT (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: IN ACCORDANCE WITH LABOR CODE SECTIONS 1773.1 AND 1773.9, CONTRACTORS SHALL MAKE TRAVEL AND/OR SUBSISTENCE PAYMENTS TO EACH WORKER TO EXECUTE THE WORK. YOU MAY OBTAIN THE TRAVEL AND/OR SUBSISTENCE PROVISIONS FOR THE CURRENT DETERMINATIONS ON THE INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/DPREWAGEDETERMINATION.HTM](http://www.dir.ca.gov/OPRL/DPREWAGEDETERMINATION.HTM). TRAVEL AND/OR SUBSISTENCE REQUIREMENTS FOR CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED BY CONTACTING THE OFFICE OF THE DIRECTOR – RESEARCH UNIT AT (415) 703-4774.

DETERMINATION: NC-23-102-1-2018-1 and NC-23-102-1-2018-1A

**CONSTRUCTION SPECIALIST**

ASPHALT IRONERS AND RAKERS  
CHAINSAW  
CONCRETE DIAMOND CHAINSAW  
LASER BEAM IN CONNECTION WITH LABORER'S WORK  
MASONRY AND PLASTER TENDER  
MECHANICAL PIPE LAYER-ALL TYPES REGARDLESS OF TYPE OR METHOD OF POWER  
CAST IN PLACE MANHOLE FORM SETTERS  
PRESSURE PIPELAYERS  
DAVIS TRENCHER - 300 OR SIMILAR TYPE (AND ALL SMALL TRENCHERS)  
STATE LICENSED BLASTERS AS DESIGNATED  
DIAMOND DRILLERS  
DIAMOND CORE DRILLER  
MULTIPLE UNIT DRILLS  
HIGH SCALERS (INCLUDING DRILLING OF SAME)  
HYDRAULIC DRILLS  
CERTIFIED WELDER

**GROUP 1** (FOR CONTRA COSTA COUNTY ONLY, USE GROUP 1 (G) FOR SOME OF THE FOLLOWING CLASSIFICATIONS)

ASPHALT SPREADER BOXES (ALL TYPES)  
BARKO, WACKER AND SIMILAR TYPE TAMPERS  
BUGGYMOBILE  
CAULKERS, BANDERS, PIPEWRAPPERS, CONDUIT LAYERS, PLASTIC PIPE LAYERS  
CERTIFIED ASBESTOS AND MOLD REMOVAL WORKER  
CERTIFIED HAZARDOUS WASTE WORKER (INCLUDING LEAD ABATEMENT)  
COMPACTORS OF ALL TYPES  
CONCRETE AND MAGNESITE MIXER AND 1/2 YARD  
CONCRETE PAN WORK  
CONCRETE SANDERS, CONCRETE SAW  
CRIBBERS AND/OR SHORING  
CUT GRANITE CURB SETTER  
DRI PAK-IT MACHINE  
FALLER, LOGLOADER AND BUCKER  
FORM RAISERS, SLIP FORMS  
GREEN CUTTERS  
HEADERBOARD MEN, HUBSETTERS, ALIGNERS BY ANY METHOD  
HIGH PRESSURE BLOW PIPE (1-1/2" OR OVER, 100 LBS. PRESSURE/OVER)  
HYDRO SEEDER AND SIMILAR TYPE  
JACKHAMMER OPERATORS  
JACKING OF PIPE OVER 12 INCHES  
JACKSON AND SIMILAR TYPE COMPACTORS  
KETTLEMEN, POTMEN, AND MEN APPLYING ASPHALT, LAY-KOLD, CREOSOTE, LIME, CAUSTIC AND SIMILAR TYPE MATERIALS (APPLYING MEANS APPLYING DIPPING, OR HANDLING OF SUCH MATERIALS)  
LAGGING, SHEETING, WHALING, BRACING, TRENCH-JACKING, LAGGING HAMMER  
MAGNESITE, EPOXY RESIN, FIBER GLASS AND MASTIC WORKERS (WET/DRY)  
NO JOINT PIPE AND STRIPPING OF SAME, INCLUDING REPAIR OF VOIDS  
PAVEMENT BREAKERS AND SPADERS, INCLUDING TOOL GRINDER  
PERMA CURBS  
PRECAST-MANHOLE SETTERS  
PIPELAYERS (INCLUDING GRADE CHECKING IN CONNECTION WITH PIPELAYING)  
PRESSURE PIPE TESTER  
POST HOLE DIGGERS-AIR, GAS, AND ELECTRIC POWER BROOM SWEEPERS  
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  
ROTOILLER  
SAND BLASTERS, POTMEN, GUNMEN, AND NOZZLEMEN  
SIGNALING AND RIGGING  
SKILLED WRECKER (REMOVING AND SALVAGING OF SASH, WINDOWS, DOORS, PLUMBING AND ELECTRIC FIXTURES)  
TANK CLEANERS  
TREE CLIMBERS  
TRENCHLESS TECHNOLOGY LABORER- PIPE INSTALLATION, BURSTING, RELINING, OR SIMILAR  
TRENCHLESS LABORER'S WORK, CAMERA CONTROLLER  
TURBO BLASTER  
VIBRA-SCREED-BULL FLOAT IN CONNECTION WITH LABORER'S WORK  
VIBRATORS

**GROUP 1 (A)**

ALL WORK OF LOADING, PLACING AND BLASTING OF ALL POWDER & EXPLOSIVES OF WHATEVER TYPE, REGARDLESS OF METHOD USED FOR LOADING AND PLACING  
JOY DRILL MODEL TWM-2A  
GARDENER-DENVER MODEL DH 143 AND SIMILAR TYPE DRILLS  
TRACK DRILLERS  
JACK LEG DRILLERS  
WAGON DRILLERS  
MECHANICAL DRILLERS-ALL TYPES REGARDLESS OF TYPE OR METHOD OF POWER  
BLASTERS AND POWDERMAN  
TREE TOPPER  
BIT GRINDER

**GROUP 1 (B)** - SEE GROUP 1 RATES

SEWER CLEANERS (ANY WORKMEN WHO HANDLE OR COME IN CONTACT WITH RAW SEWAGE IN SMALL DIAMETER SEWERS) SHALL RECEIVE \$4.00 PER DAY ABOVE GROUP 1 WAGE RATES. 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 LABORER'S WORK  
SYNTHETIC THERMOPLASTICS AND SIMILAR TYPE WELDING

**GROUP 1 (D)**

SEE FOOTNOTE A ON PAGE 49

**GROUP 1 (E)**

WORK ON AND/OR IN BELL HOLE FOOTINGS AND SHAFTS THEREOF, AND WORK ON AND IN DEEP FOOTINGS (DEEP FOOTINGS IS A HOLE 15 FEET OR MORE IN DEPTH) SHAFT IS AN EXCAVATION OVER FIFTEEN (15) FEET DEEP OF ANY TYPE

**GROUP 1 (G) APPLIES ONLY TO WORK IN CONTRA COSTA COUNTY**

PIPELAYERS (INCLUDING GRADE CHECKING IN CONNECTION WITH PIPELAYING), CAULKERS, BANDERS, PIPEWRAPPERS, CONDUIT LAYERS, 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 IN CONTRA COSTA COUNTY ONLY

**GROUP 1 (H)**

SEE FOOTNOTE A ON PAGE 49

**GROUP 2**

ASPHALT SHOVELERS  
CEMENT DUMPERS AND HANDLING DRY CEMENT OR GYPSUM  
CHOKE-SETTER AND RIGGER (CLEARING WORK)  
CONCRETE BUCKET DUMPER AND CHUTEMAN  
CONCRETE CHIPPING AND GRINDING  
CONCRETE LABORERS (WET OR DRY)  
DRILLERS HELPER, CHUCK TENDER, NIPPER (ONE CHUCKTENDER ON SINGLE MACHINE OPERATION WITH MINIMUM OF ONE CHUCKTENDER FOR EACH TWO MACHINES ON MULTIPLE MACHINE OPERATION. JACKHAMMERS IN NO WAY INVOLVED IN THIS ITEM.)  
GUINEA CHASER (STAKEMAN), GROUT CREW  
HIGH PRESSURE NOZZLEMAN, ADDUCTORS  
HYDRAULIC MONITOR (OVER 100 LBS. PRESSURE)  
LOADING AND UNLOADING, CARRYING AND HANDLING OF ALL RODS AND MATERIALS FOR USE IN REINFORCING CONCRETE CONSTRUCTION  
PITTSBURGH CHIPPER, AND SIMILAR TYPE BRUSH SHREDDERS  
SEMI-SKILLED WRECKER (SALVAGING OF OTHER BUILDING MATERIALS) - SEE ALSO SKILLED WRECKER (GROUP 1)  
SLOPER  
SINGLEFOOT, 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 LABORERS, GENERAL LABORERS AND CLEANUP LABORERS  
DEMOLITION WORKER  
DUMPMAN, LOAD SPOTTER  
FLAGPERSON/PEDESTRIAN MONITOR  
FIRE WATCHER  
FENCE ERECTORS, INCLUDING TEMPORARY FENCING  
GUARDRAIL ERECTORS  
GARDENER, HORTICULTURAL AND LANDSCAPE LABORERS (SEE GROUP 4, FOR LANDSCAPE MAINTENANCE ON NEW CONSTRUCTION DURING PLANT ESTABLISHMENT PERIOD)  
JETTING  
LIMBERS, BRUSH LOADERS, AND PILERS  
PAVEMENT MARKERS (BUTTON SETTERS)  
PAVERS/INTERLOCKING PAVERS (ALL TYPES) AND INTERLOCKING PAVEMENT MACHINES  
MAINTENANCE, REPAIR TRACKMEN AND ROAD BEDS  
STREETCAR AND RAILROAD CONSTRUCTION TRACK LABORERS  
TEMPORARY AIR AND WATER LINES, VICTUALIC OR SIMILAR  
TOOL ROOM ATTENDANT (JOBSITE ONLY)  
WHEELBARROW, INCLUDING POWER DRIVEN

**GROUP 3 (A)** - SEE GROUP 3 RATES

COMPOSITE CREW PERSON (OPERATION OF VEHICLES, WHEN IN CONJUNCTION WITH LABORER'S DUTIES)

**GROUP 4**

ALL FINAL CLEANUP OF DEBRIS, GROUNDS AND BUILDINGS NEAR THE COMPLETION OF THE PROJECT INCLUDING BUT NOT LIMITED TO STREET CLEANERS (NOT APPLICABLE TO ENGINEERING OR HEAVY HIGHWAY PROJECTS)  
CLEANING AND WASHING WINDOWS (NEW CONSTRUCTION ONLY), SERVICE LANDSCAPE LABORERS (SUCH AS GARDENER, HORTICULTURE, MOWING, TRIMMING, REPLANTING, WATERING DURING PLANT ESTABLISHMENT PERIOD) ON NEW CONSTRUCTION  
BRICK CLEANERS (JOB SITE ONLY)  
MATERIAL CLEANERS (JOB SITE ONLY)

**NOTE:** AN ADDITIONAL DETERMINATION FOR LANDSCAPE MAINTENANCE WORK AFTER THE PLANT ESTABLISHMENT PERIOD OR WARRANTY PERIOD IS PUBLISHED ON PAGE 57 OF THESE GENERAL DETERMINATIONS.

**GROUP 6**

STRUCTURAL NOZZLEMAN

**GROUP 6 (A)**

NOZZLEMAN (INCLUDING GUNMAN, POTMAN)  
RODMAN  
GROUNDMAN

**GROUP 6 (B)** - SEE GROUP 4 RATES

GUNITE TRAINEE (ONE GUNITE LABORER SHALL BE ALLOWED FOR EACH THREE (3) JOURNEYMAN (GROUP 6, 6A, 6C, OR GENERAL LABORER) ON A CREW. IN THE ABSENCE OF THE JOURNEYMAN, THE GUNITE TRAINEE RECEIVES THE JOURNEYMAN SCALE.)  
NOTE: THIS RATIO APPLIES ONLY TO WORK ON THE SAME JOB SITE.

**GROUP 6 (C)**

REBOUNDMAN

**GROUP 6 (D)**

ALIGNER OF WIRE WINDING MACHINE IN CONNECTION WITH GUNITING OR SHOT CRETE

**GROUP 6 (E)**

ALIGNER HELPER OF WIRE WINDING MACHINE IN CONNECTION WITH GUNITING OR SHOT CRETE

**GROUP 7**

ENTRY LEVEL LANDSCAPE LABORER (RATIO FOR ENTRY LEVEL IS ONE IN THREE. AT LEAST ONE SECOND PERIOD ENTRY LEVEL AND AT LEAST ONE THIRD PERIOD ENTRY LEVEL MUST BE EMPLOYED BEFORE EMPLOYING ANOTHER FIRST PERIOD TRAINEE).  
NOTE: THIS RATIO APPLIES ONLY TO WORK ON THE SAME JOB SITE.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**CRAFT: #LABORER AND RELATED CLASSIFICATIONS (Special Single and Second Shift)**

**DETERMINATION:** NC-23-102-1-2018-1A

**ISSUE DATE:** February 22, 2018

**EXPIRATION DATE OF DETERMINATION:** June 24, 2018\*\* The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director-Research Unit for specific rates at (415) 703-4774.

**LOCALITY:** ALL LOCALITIES WITHIN ALAMEDA, ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, CONTRA COSTA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MARIN, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO, AND YUBA COUNTIES.

Classification <sup>a</sup> (Journey person)	Basic Hourly Rate <sup>f</sup>	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation and Holiday	Training	Other Payments	Hours	Total Hourly	Daily Rate	Saturday <sup>b</sup> 1 1/2X	Sunday/ Holiday 2X
<b>AREA 1<sup>c</sup></b>											
Construction Specialist	33.49	8.00	12.00	2.63	0.45	0.22	8	56.79	73.54	73.54	90.28
Group 1; Group 1(B) <sup>e</sup>	32.79	8.00	12.00	2.63	0.45	0.22	8	56.09	72.49	72.49	88.88
Group 1 (A)	33.01	8.00	12.00	2.63	0.45	0.22	8	56.31	72.82	72.82	89.32
Group 1 (C)	32.84	8.00	12.00	2.63	0.45	0.22	8	56.14	72.56	72.56	88.98
Group 1 (E)	33.34	8.00	12.00	2.63	0.45	0.22	8	56.64	73.31	73.31	89.98
Group 1 (G)	32.99	8.00	12.00	2.63	0.45	0.22	8	56.29	72.79	72.79	89.28
Group 2	32.64	8.00	12.00	2.63	0.45	0.22	8	55.94	72.26	72.26	88.58
Group 3; Group 3(A)	32.54	8.00	12.00	2.63	0.45	0.22	8	55.84	72.11	72.11	88.38
Group 4; Group 6(B)	26.23	8.00	12.00	2.63	0.45	0.22	8	49.53	62.65 <sup>d</sup>	62.65 <sup>d</sup>	75.76 <sup>d</sup>
Group 6	33.75	8.00	12.00	2.63	0.45	0.22	8	57.05	73.93	73.93	90.80
Group 6 (A)	33.25	8.00	12.00	2.63	0.45	0.22	8	56.55	73.18	73.18	89.80
Group 6 (C)	32.66	8.00	12.00	2.63	0.45	0.22	8	55.96	72.29	72.29	88.62
Group 6 (D)	33.37	8.00	12.00	2.63	0.45	0.22	8	56.67	73.36	73.36	90.04
Group 6 (E)	32.39	8.00	12.00	2.63	0.45	0.22	8	55.69	71.89	71.89	88.08
Group 7 – Stage 1 (1 <sup>st</sup> 6 months)	23.68	8.00	12.00	2.63	0.45	0.22	8	46.98	58.82	58.82	70.66
Stage 2 (2 <sup>nd</sup> 6 months)	26.63	8.00	12.00	2.63	0.45	0.22	8	49.93	63.25	63.25	76.56
Stage 3 (3 <sup>rd</sup> 6 months)	29.59	8.00	12.00	2.63	0.45	0.22	8	52.89	67.68	67.68	82.47
<b>AREA 2<sup>c</sup></b>											
Construction Specialist	32.49	8.00	12.00	2.63	0.45	0.22	8	55.79	72.04	72.04	88.28
Group 1; Group 1(B) <sup>e</sup>	31.79	8.00	12.00	2.63	0.45	0.22	8	55.09	70.99	70.99	86.88
Group 1 (A)	32.01	8.00	12.00	2.63	0.45	0.22	8	55.31	71.32	71.32	87.32
Group 1 (C)	31.84	8.00	12.00	2.63	0.45	0.22	8	55.14	71.06	71.06	86.98
Group 1 (E)	32.34	8.00	12.00	2.63	0.45	0.22	8	55.64	71.81	71.81	87.98
Group 2	31.64	8.00	12.00	2.63	0.45	0.22	8	54.94	70.76	70.76	86.58
Group 3; Group 3(A)	31.54	8.00	12.00	2.63	0.45	0.22	8	54.84	70.61	70.61	86.38
Group 4; Group 6(B)	25.23	8.00	12.00	2.63	0.45	0.22	8	48.53	61.15 <sup>d</sup>	61.15 <sup>d</sup>	73.76 <sup>d</sup>
Group 6	32.75	8.00	12.00	2.63	0.45	0.22	8	56.05	72.43	72.43	88.80
Group 6 (A)	32.25	8.00	12.00	2.63	0.45	0.22	8	55.55	71.68	71.68	87.80
Group 6 (C)	31.66	8.00	12.00	2.63	0.45	0.22	8	54.96	70.79	70.79	86.62
Group 6 (D)	32.37	8.00	12.00	2.63	0.45	0.22	8	55.67	71.86	71.86	88.04
Group 6 (E)	31.39	8.00	12.00	2.63	0.45	0.22	8	54.69	70.39	70.39	86.08
Group 7 – Stage 1 (1 <sup>st</sup> 6 months)	22.98	8.00	12.00	2.63	0.45	0.22	8	46.28	57.77	57.77	69.26
Stage 2 (2 <sup>nd</sup> 6 months)	25.83	8.00	12.00	2.63	0.45	0.22	8	49.13	62.05	62.05	74.96
Stage 3 (3 <sup>rd</sup> 6 months)	28.69	8.00	12.00	2.63	0.45	0.22	8	51.99	66.34	66.34	80.68

PLEASE GO TO PAGE 50 FOR CLASSIFICATIONS WITHIN EACH GROUP

# INDICATES AN APPRENTICEABLE CRAFT. THE CURRENT APPRENTICE WAGE RATES ARE AVAILABLE ON THE INTERNET AT

[HTTP://WWW.DIR.CA.GOV/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP](http://www.dir.ca.gov/OPRL/PWAPPWAGE/PWAPPWAGESTART.ASP) TO OBTAIN ANY APPRENTICE WAGE RATES AS OF JULY 1, 2008 AND PRIOR TO SEPTEMBER 27, 2012, PLEASE CONTACT THE DIVISION OF APPRENTICESHIP STANDARDS OR REFER TO THE DIVISION OF APPRENTICESHIP STANDARDS' WEBSITE AT [HTTP://WWW.DIR.CA.GOV/DAS/DAS.HTM](http://www.dir.ca.gov/DAS/DAS.HTM).

a GROUP 1(D) - MAINTENANCE OR REPAIR TRACKMEN AND ROAD BEDS AND ALL EMPLOYEES PERFORMING WORK COVERED BY THIS CLASSIFICATION SHALL RECEIVE \$0.25 PER HOUR ABOVE THEIR REGULAR RATE FOR ALL WORK PERFORMED ON UNDERGROUND STRUCTURES NOT SPECIFICALLY COVERED HEREIN. THIS SHALL NOT APPLY TO WORK BELOW GROUND LEVEL IN OPEN CUT. THIS SHALL APPLY TO CUT AND COVER WORK OF SUBWAY CONSTRUCTION AFTER TEMPORARY COVER HAS BEEN PLACED.

GROUP 1(H) - ALL LABORERS WORKING OFF OR WITH OR FROM BOS'N CHAIRS, SWINGING SCAFFOLDS, BELTS RECEIVE \$0.50 PER HOUR ABOVE THEIR APPLICABLE WAGE RATE. THIS SHALL NOT APPLY TO LABORERS ENTITLED TO RECEIVE THE WAGE RATE SET FORTH IN GROUP 1(A).

b SATURDAYS IN THE SAME WORK WEEK MAY BE WORKED AT STRAIGHT-TIME IF JOB IS SHUT DOWN DURING THE NORMAL WORK WEEK DUE TO INCLEMENT WEATHER, MAJOR MECHANICAL BREAKDOWN OR LACK OF MATERIALS BEYOND THE CONTROL OF THE EMPLOYER.

c AREA 1 - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES.

AREA 2 - 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.

d SERVICE LANDSCAPE LABORER ON NEW CONSTRUCTION MAY WORK ANY FIVE (5) DAYS WITHIN A WEEK.

e GROUP 1(B) RECEIVES AN ADDITIONAL AMOUNT EACH DAY. SEE PAGE 50 FOR DETAILS.

f ZONE PAY AT THREE DOLLARS (\$3.00) PER HOUR, FACTORED AT THE APPLICABLE OVERTIME MULTIPLE, WILL BE ADDED TO THE BASE RATE FOR WORK PERFORMED OUTSIDE THE FREE ZONE DESCRIBED BY THE BOUNDARIES ALONG TOWNSHIP AND RANGE LINES. PLEASE SEE TRAVEL AND SUBSISTENCE PROVISIONS FOR MAP DESCRIPTION AND EXCEPTIONS.

**RECOGNIZED HOLIDAYS:** HOLIDAYS UPON WHICH THE GENERAL PREVAILING HOURLY WAGE RATE FOR HOLIDAY WORK SHALL BE PAID, SHALL BE ALL HOLIDAYS IN THE COLLECTIVE BARGAINING AGREEMENT, APPLICABLE TO THE PARTICULAR CRAFT, CLASSIFICATION, OR TYPE OF WORKER EMPLOYED ON THE PROJECT, WHICH IS ON FILE WITH THE DIRECTOR OF INDUSTRIAL RELATIONS. IF THE PREVAILING RATE IS NOT BASED ON A COLLECTIVELY BARGAINED RATE, THE HOLIDAYS UPON WHICH THE PREVAILING RATE SHALL BE PAID SHALL BE AS PROVIDED IN SECTION 6700 OF THE GOVERNMENT CODE. YOU MAY OBTAIN THE HOLIDAY PROVISIONS FOR THE CURRENT DETERMINATIONS ON THE INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/DPREWAGEDETERMINATION.HTM](http://www.dir.ca.gov/OPRL/DPREWAGEDETERMINATION.HTM). HOLIDAY PROVISIONS FOR CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED BY CONTACTING THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774.

**TRAVEL AND/OR SUBSISTENCE PAYMENT:** IN ACCORDANCE WITH LABOR CODE SECTIONS 1773.1 AND 1773.9, CONTRACTORS SHALL MAKE TRAVEL AND/OR SUBSISTENCE PAYMENTS TO EACH WORKER TO EXECUTE THE WORK. YOU MAY OBTAIN THE TRAVEL AND/OR SUBSISTENCE PROVISIONS FOR THE CURRENT DETERMINATIONS ON THE INTERNET AT [HTTP://WWW.DIR.CA.GOV/OPRL/DPREWAGEDETERMINATION.HTM](http://www.dir.ca.gov/OPRL/DPREWAGEDETERMINATION.HTM). TRAVEL AND/OR SUBSISTENCE REQUIREMENTS FOR CURRENT OR SUPERSEDED DETERMINATIONS MAY BE OBTAINED BY CONTACTING THE OFFICE OF THE DIRECTOR - RESEARCH UNIT AT (415) 703-4774.



GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

LOCALITY: SUTTER COUNTY  
DETERMINATION: SUT-2018-1

	CRAFT (JOURNEY LEVEL)	ISSUE DATE	EXPIRATION DATE	EMPLOYER PAYMENTS							STRAIGHT-TIME			OVERTIME HOURLY RATE		
				BASIC HOURLY RATE	HEALTH AND WELFARE	PENSION	VACATION/HOLIDAY	TRAINING	OTHER PAYMENTS	HOURS	TOTAL HOURLY RATE	DAILY	SATURDAY	SUNDAY AND HOLIDAY		
#	BRICKLAYER, BLOCKLAYER, BRICKLAYER, BLOCKLAYER, STONEMASON POINTER, CLEANER, CAULKER, WATERPROOFER	8/22/2017	04/30/2018**	A 37.140	9.850	9.200	B 2.500	0.800	C 1.240	D 8.0	60.730	E 80.550	E 80.550	E 80.550	100.370	
#	BRICK TENDER CARPET, LINOLEUM, RESILIENT TILE LAYER	8/22/2017	06/30/2018*	A 41.040	9.850	10.000	F -	1.430	0.430	D 8.0	62.750	83.270	G 83.270	G 83.270	103.790	
#	BRICK TENDER CARPET, LINOLEUM, RESILIENT TILE LAYER	8/22/2017	06/30/2018**	H 33.270	8.000	10.680	F -	0.450	0.300	D 8.0	52.700	E 69.330	E 69.330	E 69.330	85.970	
#	ELECTRICIAN: COMM & SYSTEM INSTALLER COMM & SYSTEM TECH. INSIDE WIREMAN CABLE SPLICER FIELD SURVEYOR:	2/22/2018	07/31/2018*	A 34.760	10.150	10.760	I -	0.600	0.110	8.0	56.380	J 73.760	J 73.760	J 73.760	91.140	
#	CHIEF OF PARTY INSTRUMENTMAN CHAINMAN/RODMAN GLAZIER MARBLE FINISHER MARBLE MASON PAINTER:	2/22/2018	02/28/2019**	42.190	13.880	P 11.510	Q 4.270	1.020	0.210	8.0	73.080	R 94.170	R 94.170	S 94.170	115.270	
#	BRUSH, SPRAY, PAPERHANGER SANDBLASTER, STEAM CLEANER, WATERBLASTER EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	02/28/2019**	39.100	13.880	P 11.510	Q 4.270	1.020	0.210	8.0	69.990	R 89.540	R 89.540	S 89.540	109.090	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	02/28/2019**	36.220	13.880	P 11.510	Q 4.270	1.020	0.210	8.0	67.110	R 85.220	R 85.220	S 85.220	103.330	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	06/30/2018*	A 34.520	10.150	T 17.560	-	0.590	0.380	8.0	63.200	V 80.460	V 80.460	V 80.460	97.720	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	07/31/2018**	X 32.600	9.850	4.530	I -	0.450	0.710	8.0	48.140	Y 64.440	Y 64.440	Y 64.440	80.740	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	07/31/2018**	X 44.600	9.850	15.450	I -	0.800	0.960	8.0	71.660	Y 93.960	Y 93.960	Y 93.960	116.260	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	12/31/2018**	Z 32.860	10.150	8.680	I -	0.430	0.360	D 8.0	52.480	AA 68.910	AA 68.910	AA 68.910	85.340	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	12/31/2018**	Z 33.360	10.150	8.680	I -	0.430	0.360	D 8.0	52.980	AA 69.660	AA 69.660	AA 69.660	86.340	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	12/31/2018**	Z 33.860	10.150	8.680	I -	0.430	0.360	D 8.0	53.480	AA 70.410	AA 70.410	AA 70.410	87.340	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	06/30/2018*	AB 40.980	10.150	14.630	I -	0.560	0.520	8.0	66.840	D 87.330	D 87.330	D 87.330	107.820	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	06/30/2018**	AD 16.360	10.150	-	-	-	-	8.0	26.510	D 34.690	D 34.690	D 34.690	42.870	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	06/30/2018**	AE 32.920	13.280	11.780	3.500	1.150	1.200	8.0	63.830	AF 79.340	AF 79.340	AF 79.340	94.850	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/2017	06/30/2018**	31.020	8.000	11.350	2.630	0.450	AG 1.030	8.0	54.480	J 69.990	J 69.990	J 69.990	85.500	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2018	06/30/2018**	39.000	12.280	15.810	F -	2.550	3.420	8.0	73.060	E 92.560	E 92.560	E 92.560	112.060	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/2017	06/30/2018**	26.850	9.600	AH 3.000	2.000	0.450	0.600	8.0	42.500	D 55.930	D 55.930	D 55.930	69.350	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/2017	06/30/2018**	26.850	9.600	AH 3.000	2.000	0.450	0.600	8.0	42.500	D 55.930	D 55.930	D 55.930	69.350	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/2017	06/30/2018**	15.850	9.600	AH 3.000	2.000	0.450	0.600	8.0	31.500	D 39.430	D 39.430	D 39.430	47.350	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/2017	06/30/2018**	15.850	9.600	AH 3.000	2.000	0.450	0.600	8.0	31.500	D 39.430	D 39.430	D 39.430	47.350	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/2017	06/30/2018**	12.650	9.600	AH 3.000	2.000	0.450	0.600	8.0	28.300	D 34.630	D 34.630	D 34.630	40.950	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/2017	06/30/2018**	12.650	9.600	AH -	2.000	0.450	0.600	8.0	25.300	D 31.630	D 31.630	D 31.630	37.950	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/2017	06/30/2018**	12.650	9.600	AH 3.000	2.000	0.450	0.600	8.0	28.300	D 34.630	D 34.630	D 34.630	40.950	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	2/22/2017	03/31/2018**	39.070	9.670	AL 11.550	-	0.470	0.250	8.0	61.010	80.540	80.540	80.540	100.080	
#	EXOTIC MATERIALS TAPER TAPER CLEAN-UP PLASTERER PLASTER TENDER PLUMBER: PLUMBER, STEAMFITTER, REFRIGERATION FITTER (HVAC)	8/22/1998	03/03/1999*	& 16.300	1.840	1.200	0.500	0.300	-	8.0	20.140	D 28.290	D 28.290	D 28.290	36.440	

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
 PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
 FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

LOCALITY: SUTTER COUNTY  
 DETERMINATION: SUT-2018-1

	ISSUE DATE	EXPIRATION DATE	EMPLOYER PAYMENTS						STRAIGHT-TIME			OVERTIME HOURLY RATE			
			BASIC HOURLY RATE	HEALTH AND WELFARE	PENSION	VACATION/HOLIDAY	TRAINING	OTHER PAYMENTS	HOURS	TOTAL HOURLY RATE	DAILY	SATURDAY	SUNDAY AND HOLIDAY		
#	8/22/1998	03/03/1999*	& 18.300	1.840	1.200	0.500	0.300	-	8.0	22.140	31.290	D	31.290	D	40.440
	8/22/2017	06/30/2018**	A 41.800	12.900	AM 22.220	F -	1.090	0.760	8.0	78.770	E 101.140	E	101.140	E	123.520
	2/22/2018	06/30/2018*	H 37.530	14.180	AN 19.600	F -	AO 0.320	-	8.0	71.630	AP 91.390	AP	91.390	AP	111.160
#	8/22/2017	06/30/2018**	AR 35.140	9.850	5.700	F -	0.800	0.850	8.0	52.340	AP 67.730	AP	67.730	AP	83.120
#	8/22/2017	06/30/2018**	AR 44.110	9.850	15.000	F -	0.800	1.040	8.0	70.800	AP 90.000	AP	90.000	AP	109.200
#	8/22/2016	06/30/2017*	22.900	AS 6.650	0.750	A 0.600	0.350	0.100	8.0	31.350	36.150		36.150		47.600
#	8/22/2016	06/30/2017*	37.250	AS 8.550	AT 8.350	A 1.200	0.350	0.200	8.0	55.900	59.530		59.530		78.150
	8/22/2014	09/30/2014*	12.350	2.150	1.000	0.480	-	-	8.0	15.980	AU 22.160	AU	22.160	AU	22.160
	8/22/2014	09/30/2014*	12.350	2.150	1.000	0.480	-	-	8.0	15.980	AU 22.160	AU	22.160	AU	22.160
	2/22/2018	03/31/2018*	11.000	2.150	1.000	0.430	-	-	8.0	14.580	AU 20.080	AU	20.080	AU	20.080

BITUMASTIC ENAMELER COAL TAR,  
 PITCH AND MASTIC WORKER

# SHEET METAL WORKER

# METAL DECK & SIDING

# AQ TERRAZZO FINISHER

# AQ TERRAZZO WORKER

# TILE FINISHER

# TILE SETTER

# WATER WELL DRILLER

# PUMP INSTALLER

# HELPER

FOOTNOTES







GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS  
 PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1  
 FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

LOCALITY: SUTTER COUNTY  
 DETERMINATION: SUT-2018-1

CRAFT (JOURNEY LEVEL)	ISSUE DATE	EXPIRATION DATE	EMPLOYER PAYMENTS						STRAIGHT-TIME			OVERTIME HOURLY RATE		
			BASIC HOURLY RATE	HEALTH AND WELFARE	PENSION	VACATION/HOLIDAY	TRAINING	OTHER PAYMENTS	HOURS	TOTAL HOURLY RATE	DAILY	SATURDAY	SUNDAY AND HOLIDAY	
# BRICKLAYER, BLOCKLAYER, POINTER, CLEANER, CAULKER, WATERPROOFER (2ND SHIFT)	8/22/2017	06/30/2018*	A 47.200	9.850	10.000	B -	1.430	0.430	C 8.0	68.910	92.510	D 92.510	116.110	
POINTER, CLEANER, CAULKER, WATERPROOFER (3RD SHIFT)	8/22/2017	06/30/2018*	A 49.250	9.850	10.000	B -	1.430	0.430	C 8.0	70.960	95.580	D 95.580	120.210	
# BRICKLAYER, BLOCKLAYER, BRICKLAYER, BLOCKLAYER, STONEMASON (2ND SHIFT)	8/22/2017	04/30/2018**	A 41.110	9.850	9.200	E 2.500	0.800	F 1.240	C 8.0	64.700	G 86.510	G 86.510	108.310	
BRICKLAYER, BLOCKLAYER, STONEMASON (3RD SHIFT)	8/22/2017	04/30/2018**	A 43.090	9.850	9.200	E 2.500	0.800	F 1.240	C 8.0	66.680	G 89.480	G 89.480	112.270	
# BRICK TENDER	8/22/2017	06/30/2018**	H 36.270	8.000	10.680	B -	0.450	0.300	C 8.0	55.700	G 73.830	G 73.830	91.970	
BRICK TENDER (SPECIAL SINGLE SHIFT)														
# ELECTRICIAN:														
COMM & SYSTEM INSTALLER, SECOND SHIFT	2/22/2018	01/31/2019**	32.290	10.300	I 3.950	-	1.100	J 0.110	K 7.5	48.880	65.590	L 65.590	82.300	
COMM & SYSTEM INSTALLER, THIRD SHIFT	2/22/2018	01/31/2019**	33.750	10.300	I 3.950	-	1.100	J 0.110	M 7.0	50.390	67.860	L 67.860	85.320	
COMM & SYSTEM TECH., SECOND SHIFT	2/22/2018	01/31/2019**	37.130	10.300	I 3.950	-	1.100	J 0.110	K 7.5	53.890	73.110	L 73.110	92.330	
COMM & SYSTEM TECH., THIRD SHIFT	2/22/2018	01/31/2019**	38.820	10.300	I 3.950	-	1.100	J 0.110	M 7.0	55.630	75.720	L 75.720	95.810	
INSIDE WIREMAN, 2ND SHIFT	2/22/2018	07/31/2018**	48.990	11.630	I 5.500	B -	1.240	N 8.220	8.0	75.740	100.310	L 100.310	124.890	
INSIDE WIREMAN, 3RD SHIFT	2/22/2018	07/31/2018**	52.640	11.630	I 5.500	B -	1.240	N 8.220	8.0	81.650	109.180	L 109.180	136.710	
CABLE SPLICER, 2ND SHIFT	2/22/2018	07/31/2018**	51.690	11.630	I 5.500	B -	1.240	N 8.220	8.0	80.660	107.700	L 107.700	134.730	
CABLE SPLICER, 3RD SHIFT	2/22/2018	07/31/2018**	57.900	11.630	I 5.500	B -	1.240	N 8.220	8.0	87.160	117.440	L 117.440	147.720	
FIELD SURVEYOR:														
# CHIEF OF PARTY (NIGHT SHIFT)	2/22/2018	02/28/2019**	47.460	13.880	P 11.510	Q 4.270	1.020	0.210	7.0	78.350	R 102.080	S 102.080	125.810	
INSTRUMENTMAN (NIGHT SHIFT)	2/22/2018	02/28/2019**	43.990	13.880	P 11.510	Q 4.270	1.020	0.210	7.0	74.880	R 96.880	S 96.880	118.870	
# CHAINMAN/RODMAN (NIGHT SHIFT)	2/22/2018	02/28/2019**	40.750	13.880	P 11.510	Q 4.270	1.020	0.210	7.0	71.640	R 92.010	S 92.010	112.390	
MARBLE FINISHER														
# MARBLE FINISHER (2ND SHIFT)	2/22/2018	07/31/2018**	U 37.600	9.850	4.530	V -	0.450	0.710	8.0	53.140	W 71.940	90.740	90.740	
MARBLE MASON														
# MARBLE MASON (2ND SHIFT)	2/22/2018	07/31/2018**	U 50.600	9.850	15.450	V -	0.800	0.960	8.0	77.660	W 102.960	128.260	128.260	
SHEET METAL WORKER														
# SHEET METAL WORKER (2ND SHIFT)	2/22/2018	06/30/2018**	A 45.980	12.900	X 22.220	B -	1.090	0.760	Y 7.5	82.950	G 107.410	G 107.410	131.880	
SHEET METAL WORKER (3RD SHIFT)	2/22/2018	06/30/2018**	A 48.070	12.900	X 22.220	B -	1.090	0.760	Z 7.0	85.040	G 110.550	G 110.550	136.060	
TERRAZZO FINISHER														
# TERRAZZO FINISHER, 2ND SHIFT	8/22/2017	06/30/2018**	AB 40.140	9.850	5.700	B -	0.800	0.850	8.0	57.340	AC 75.230	AC 75.230	93.120	
TERRAZZO FINISHER, 3RD SHIFT	8/22/2017	06/30/2018**	AB 40.140	9.850	5.700	B -	0.800	0.850	8.0	57.340	AC 75.230	AC 75.230	93.120	



## Summary of Work

### General

PROJECT DESCRIPTION – Provide all labor, fittings, fabrication, equipment, appurtenances, transportation and services required necessary for and incidental to the completion of work indicated by the Contract Documents entitled:

**Project Name: Balcony Replacement and Siding Repair**

CONTRACT – Single Contract: All work under this Contract will be executed under one prime contract between Owner and General Contractor.

EXAMINATION OF SITE – Failure to visit site will not relieve Contractor from necessity of furnishing materials or performing work that may be required to complete work in accordance with Drawings and Specifications without additional cost to Owner. Contractor is responsible for “field verifying” all measurements, Owner is not responsible for variation between drawings and work site.

CONTRACTOR’S USE OF PREMISES – The contractor shall use his best efforts to avoid disrupting the tenants and adjacent Property Owners. Contractor shall limit his use of the premises for work and for storage. Coordinate use of premises under direction of the Owner. Assume full responsibility for the protection and safekeeping of products under this Contract, stored on the site. Move any stored products, under Contractor’s control, which interfere with operations of the Owner or separate contractor.

LICENSE, FEES, AND PERMITS – General Contractor shall arrange for all required inspections and pay for all license and inspection fees, as needed.

### Execution

PROJECT DESCRIPTION – Contractor will be rebuilding 24 upstairs landings, bringing the stairs, hand rails and sidewalks up to current building codes, removing siding adjacent to and below the landings to inspect for signs of water intrusion and replacing the siding.

**END OF SECTION**

BLANK PAGE

**PROJECT COORDINATION**

The requirements of the General Conditions, apply to the work of this section.

**PART 1 – GENERAL**

Contractor shall: Coordinate work of his own employees and subcontractors, expedite his work to assure compliance with schedule.

**CONSTRUCTION ORGANIZATION AND START-UP**

Contractor shall establish on-site lines of authority and communications regarding the following:.

Schedule and conduct preconstruction meeting and progress meetings.

Establish procedures for project communications.

- Use “Request For Information” (RFI) form for all correspondence with Owner; use form at end of section.
- Submittals.
- Recommendations.
- Schedules.
- Resolution of conflicts.

Interpret Contract Documents

- Consult with Owner to obtain interpretation.
- Assist in resolution of questions or conflicts which may arise.
- Transmit written interpretations.

Control the use of Site:

- Supervise field engineering and site layout.
- Allocate field office and storage space, and work and storage areas.
- Establish access, traffic and parking allocations and regulations.
- Monitor use of site during construction.

Obtain permits and approvals

- Building permits and special permits required for Work or for temporary facilities.
- Obtain inspections for Work and for temporary facilities.

### CONTRACTOR'S DUTIES

General Contractor responsible for field verification of Field Conditions as follows:

- Verify actual field conditions as related to drawing dimensions.
- Report discrepancies which will prevent proper performance of work, to the Owner in writing.

General Contractor responsible for Construction Schedules as specified in Spec. Section 01300.

General Contractor responsible for processing Shop Drawings, Product Data and Samples as specified in Spec. Section 01300.

General Contractor responsible for preparing Coordination Drawings as required to resolve conflicts and to assure coordination of the work.

- Submit to Owner
- Reproduce and distribute copies to concerned parties after Owner review.

General Contractor responsible for Inspection and Testing:

- Inspect work to assure performance in accord with requirements of Contract Documents.
- Administer special testing and inspections of suspect Work.
- Reject Work which does not comply with requirements of Contract Documents.
- Coordinate Testing Laboratory Services:
- Verify that required laboratory personnel are present.
- Verify that tests are made in accordance with specified standards.
- Review test reports for compliance with specified criteria.
- Recommend and administer any required retesting.

General Contractor responsible for monitoring the use of temporary utilities as follows:

- Verify that adequate services are provided and maintained.
- Coordinate use of Owners facilities.

General Contractor responsible for monitoring periodic cleaning as follows:

- Project site shall be clean every night before construction crew leaves for the day.

General Contractor responsible for arrangement for delivery and storage of Owner-furnished products.

- Inspect for condition at delivery.

Changes and Substitutions – General Contractor responsible for the following:

- Recommend necessary and desirable changes to Owner.
- Review requests for changes and substitutions; submit recommendations to Owner.

General Contractor to provide cost control for Project:

- Unit costs
- Actual costs for labor and materials.
- Other basis requiring accounting records.

General Contractor responsible for maintaining Reports and Records at Job Site, available to Owner.

- Weekly log of progress of Work.
- Records:
- Contracts.
- Purchase Orders.
- Materials and equipment records
- Applicable handbooks, codes and standards.

Obtain information and maintain file of record documents.

Assemble documentation for handling of claims and disputes.

#### **CONTRACTOR CLOSE-OUT DUTIES**

General Contractor responsible for conducting and inspection at completion of Work to assure that :

- Specified cleaning has been accomplished.
- Temporary facilities have been removed from site.

## **Project Coordination**

**01040-4**

At Substantial Completion, General Contractor to comply with all requirements as specified in Specification Section 01700.

**END OF SECTION**



## REGULATORY REQUIREMENTS

### PART 1 - GENERAL

#### SUMMARY

Specific reference in the Specifications to codes and regulations or requirements of regulatory agencies shall mean the latest printed edition of each adopted by the regulatory agency at the date of Bid unless the document is shown dated.

#### REGULATORY REQUIREMENTS

Perform the Work in conformance with the applicable requirements of regulatory agencies including, but not limited to, the following codes:

- California Building Code 2013 Edition
- California Code of Regulations (CCR):
  1. Title 24, Building Standards (including Energy Standards and Handicapped Access regulations).
- California Plumbing Code 2013 Edition
- California Mechanical Code 2013 Edition
- California Electrical Code 2013 Edition
- California Fire Code 2013 Edition
- Local ordinances and amendments to the above codes.
- California Occupational Safety and Health Administration (Cal OSHA).
- Occupational Safety and Health Administration (OSHA): Hazard Communications Standard.
- Uniform Federal Accessibility Standards

#### CONFLICTS

When conflicts between above referenced Regulatory Requirements occur, General Contractor shall comply with the one establishing the more stringent requirement.

When conflicts between above referenced Regulatory Requirement and Contract Documents occur, General Contractor shall comply with the one establishing the more stringent requirement.

**END OF SECTION**

**BLANK PAGE**

## APPLICATION FOR PAYMENT/CHANGE ORDER REQUIREMENTS

### PART 1 – GENERAL

The requirements of the general conditions apply to the work of this section.

**SCHEDULE OF AMOUNTS FOR CONTRACT PAYMENTS:** Contractor within seven days following the contract signing, will submit to the Owner a Schedule of amounts for contract payments, listing projected dates and amounts of pay requests, along with dates when payments will be due. The schedule of amounts shall be developed using each item of the chart as a line item. Upon request of the Owner, support the values with data which will substantiate their correctness. The Schedule of amounts, unless objected to by the Owner, shall be used only as the basis for the Contractor's Application for Payment.

**APPLICATION FOR PAYMENT:** Submit Applications for Payment to the Owner in accordance with the schedule established by the Conditions of the Contract and Agreement between Owner and Contractor.

Refer to the following related sections:

- A. Agreement between Owner and Contractor
- B. Conditions of the Contract: Progress payments, retainages, and final payment.

### APPLICATION FOR PAYMENT – FORMANT AND DATA REQUIRED

Submit an itemized application for payment including material costs, labor costs and contractor mark up. Provide all required information, including that for Change Orders executed prior to date of submittal of application. Fill in summary of dollar values to agree with respective totals indicated on Schedule of Amounts. Application shall include certification with signature of a responsible officer of the Contractor firm.

**LIEN RELEASES:** The contractor will be required to sign a Conditional Waiver and Lien Release at the time of Application for Payment submission and sign an Unconditional Waiver and Lien Release when payment is released.

**SUBSTANTIATING DATA FOR PROGRESS PAYMENTS:** When the Owner requires substantiating data, the Contractor shall submit suitable information with a cover letter identifying the project, application number and date, detailed list of enclosures and for stored products, the

item number and identification as shown on the application and the description of specific material.

#### CHANGE ORDER – FORMAT AND DATA REQUIRED

Designate in writing the member of Contractor's organization who is authorized to accept changes in the Work and who is responsible for informing others in the Contractor's employ of the authorization of changes in the Work.

**PRELIMINARY PROCEDURES:** Owner may initiate changes by submitting a Proposal Request to the Contractor. Request to include detailed description of the change, products, and location of the change in the Project with supplementary or revised drawings and specifications. The General Contractor is to be Provided the projected time span form making the change, and a specific statement as to whether overtime work is, or is not, authorized along with a specific period of time during which the requested price will be considered valid. Such request is for information only, and is not an instruction to execute the changes, nor to stop Work in progress.

Contractor may initiate changes by submitting a Proposal Request to the Owner, containing description of the proposed changes, statement of the reason for making the changes, statement of the effect on the Contract Time, statement of the effect on the work of separate contractors and documentation supporting any change in Contract Sum or Contract Time, as appropriate. Contract Sum changes shall be accompanied by labor hour rated and total hours and material cost details.

**LUMP-SUM/FIXED PRICE CHANGE ORDER:** Owner will sign and date the Change Order as authorization for the Contractor to proceed with the changes. Contractor to sign and date the Change Order to indicate agreement with the terms therein.

**TIME AND MATERIAL CHANGE ORDER/CONSTRUCTION CHANGE:** Owner will issue a Construction Change Authorization directing the Contractor to proceed with the changes. At completion of the change, Contractor shall submit itemized accounting and supporting data as provided in the Article "Documentation of Proposals and Claims" of this Section. Owner will determine the allowable cost of such work, as provided in the General Conditions and Supplementary Conditions. Owner and Contractor to sign and date the Change Order to indicate their agreement therewith.

## DOCUMENTATION OF PROPOSALS AND CLAIMS

Support each quotation for a lump-sum proposal, and for each unit price which has not previously been established, with sufficient substantiating data to allow Owner to evaluate the quotation.

On request provide the following additional data to support time and cost computations.

- Labor required
- Equipment required
- Products required
- Recommended source of purchase and unit cost
- Quantities required
- Taxes, insurance, and bonds
- Credit for work deleted from Contract, similarly documented
- Overhead and profit
- Justification for any change in Contract Time

Support each claim for additional costs, and for work done on a time and material/force account basis, with the documentation as required for a lump-sum proposal, plus additional information, including the following:

- Name of the Owner's authorized agent who ordered the work, and date of the order
- Dates and times work was performed and by whom
- Time record, summary of hours worked and hourly rates paid

Receipts and invoices for:

- Equipment used, listing dates and times of use
- Products used, listing quantities
- Subcontractors

## CONSTRUCTION CHANGE AUTHORIZATION

IN lieu of Proposal Request, Owner may issue a Construction Change Authorization for Contractor to proceed with a change for subsequent inclusion in a Change Order. The authorization will describe changes in the Work, both additions and deletions, with attachments of revised Contract Documents to define details of the change, and will designate the method of determining any change in the Contract Sum and any change in Contract Time, Owner will sign and date the Construction Change Authorization as authorization for the

Contractor to proceed with the changes. Contractor shall sign and date the Construction Change Authorization to indicate agreement with the terms therein.

#### CORRELATION WITH CONTRACTOR'S SUBMITTALS

Periodically revise Schedule of Amounts and Request for Payment forms to record each change as a separate item of Work, and to record the adjusted Contract Sum. Periodically revise the Construction Schedule to reflect each change in Contract time.

Upon completion of work under a Change Order, enter pertinent changes in Record Documents.

#### CLOSE OUT DOCUMENTATION

Final Close-out Payment and Change Order documentation will be delivered to the Owner's office no later than **30 calendar days** after substantial completion. Notwithstanding the foregoing without limiting Owner's rights herein, in the event that General Contractor does not deliver documentation, through no fault or delay of Owner, the Owner may determine that all sums due the contractor have been paid and no further payment is due and the contract is complete, or alternately the **Owner may deduct the sum of \$100.00 for each day** beyond the documentation period that the contractor has failed to deliver all final close-out documentation.

**End of Section**

## SUBMITTALS AND SAMPLES

The requirements of the General Conditions and Division 1 apply to all work hereunder.

### SCOPE

SHOP DRAWINGS/SUBMITTALS/SAMPLES: Submit Shop Drawings, Product Data and Samples required by Contract Documents.

### SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

Drawings shall be presented in a clear and thorough manner, with details to be identified by reference to sheet and detail, schedule or room numbers shown on Contract Drawings. Two (2) samples shall be sent to the Owner, One (1) sample will be returned to the Contractor. **Submit one reproducible copy** of shop drawings for the Owners review. The Contractor shall submit all samples/shop drawings to the Owner **within 2 weeks of the Notice to Proceed** and at least 2 weeks before purchasing, fabricating, applying, or installing such materials and finishes. Allow a minimum of two weeks for review by the Owner.

The Owner's review of shop drawings shall be general only and shall not relieve the Contractor from responsibility for errors of any sort, for deviations from drawings or specifications, for conflict with the work of others that may result from such deviations.

Product Data shall include the following:

#### Preparation

- Clearly mark each copy to identify pertinent products or models.
- Show performance characteristics and capacities.
- Show dimensions and clearances required.
- Show wiring or piping diagrams and controls.

- Show contact information for service or warranty work. Provide a copy of manufacturers warranty.

Manufacturer's standard schematic drawings and diagrams:

- Modify drawings and diagrams to delete information which is not applicable to the Work.
- Supplement standard information to provide information specifically applicable to the Work.

Approvals

- List applicable I.C.B.O. or UL. numbers for approved assemblies.

**All product data shall be provided to the Owner in a binder with tabs clearly marked identifying each product. Contractor must submit 2 copies to Owner before retention will be released.**

## **SAMPLES**

Office samples shall be of sufficient size and quantity to clearly illustrate functional characteristics of the product, with integrally related parts and attachment devices. Show full range of color, texture and pattern. Submit samples of the following:

*Spec Section*

*05520 Hand Rail*

*07457 Cementous Siding*

*05300 Metal Decking*

*09920 Painting*

## **CONTRACTOR RESPONSIBILITIES:**

Contractor is responsible for reviewing Shop Drawings, Product Data and Samples prior to Submission. Contractor is to determine and verify field measurements, field construction criteria, catalog numbers and similar data and conformance with specifications.



Notify the Owner in writing at time of submission, of any deviations in the submittals from requirements of the Contract documents. Begin no fabrication or work which requires submittals until return of submittals with Owner approval.

## SUBMISSION REQUIREMENTS

Make submittals promptly in accordance with approved schedule, and in such sequence as to cause no delay in the Work or in the work of any other contractor. All color and finish samples must be submitted before any selections will be made by the Owner.

Submittals shall contain the date of submission and the dates of any previous submissions, the Project title and number with the names of the Contractor, Supplier and Manufacturer. Identify each product, with the specification section number.

Show field dimensions, clearly identified as such, with relation to adjacent or critical features of the Work or materials. Identify any deviations from Contract Documents.

**On all Submittals provide an 8 in. x 3 in. blank space for Contractor and Owner stamps. Provide Contractor's stamp, initialed or signed certifying to review of submittal, verification of products, field measurements and field construction criteria, and coordination of the information within the submittal with requirements of the Work and of**

**Contract Documents. Contractor shall make stamp from graphic as shown:**

<b>CONTRACTOR SUBMITTAL REVIEW</b>		
<input type="checkbox"/> Submittal deviates from requirements of contract documents as noted.	Date:	
<b>This Submittal has been reviewed for substantial conformance with the contract documents</b>	By:	
	Contractor Name and Address:	
Project No.	Spec. Section No.	Submittal No.

**CONTRACTOR SUBMITTAL REVIEW STAMP**

Make any corrections or changes in the submittals required by the Owner and resubmit until no exceptions are taken. Revise initial drawings or data, and resubmit as specified for the initial submittal, indicating any changes which have been made other than those requested by the Owner, cloud and delta symbols. Submit new samples as required for initial submittal.

**DISTRIBUTION**

Make reproductions and distribute copies of Shop Drawings and copies of Product Data which carry the Architect/Engineer stamp of review to Job site file, Record Documents file. other affected contractors, subcontractors and Supplier or Fabricator.

**END OF SECTION**

## CLEANING AND CLEANUP

The requirements of the General Conditions and Division 1 apply to all work hereunder.

### PART 1 – GENERAL

#### SCOPE

The work includes the furnishing of all labor, materials, equipment, and services, and performing all operations necessary for, and properly incidental to, cleanup during construction and final cleaning of the building prior to acceptance by the Owner, including waxing and polishing, as specified herein and in other section when specified.

#### CLEANUP DURING CONSTRUCTION

It is required that the entire site be kept in a neat and orderly condition.

Dispose of waste, trash, and debris in a safe, acceptable manner, in accordance with applicable laws and ordinances and as prescribed by authorities having jurisdiction. Bury no such waste material and debris on the site. Burning of trash and debris on the site will not be permitted.

Location of dump for trash and debris and length of haul is the Contractor's responsibility.

#### FINAL CLEANING OF BUILDING

Prior to final inspection by the Owner and after all construction work is essentially complete, thoroughly clean the areas of the building effected by the construction. Items to be cleaned include, but are not limited to, glass, doors, opening frames, grilles, trim, exposed metal surfaces, floor covering, and light fixtures and plates. Follow the recommendation of the manufactures of materials and items to be cleaned for all cleaning, polishing and treatment such as waxing.

## FINAL SITE CLEANUP

Also prior to final inspection, thoroughly clean the entire site and put it into a neat, acceptable condition. Remove from the entire site all construction waste and unused materials, dunnage, loose rock and stones, excess earth, roots, weeds, and all debris of any description resulting from the work. Hose down and scrub where necessary all concrete dirtied as a result of the work.

**END OF SECTION**

## SUBSTITUTIONS

### PART 1 – GENERAL

SCOPE: Procedures for the substitution of material of systems from those specified or identified for this project.

RELATED SECTIONS: Section 01300 – Submittals

### PART 2 – PRODUCT SUBSTITUTIONS

PRODUCTS SPECIFIED BY REFERENCE STANDARDS OF BY DESCRIPTION ONLY: Any product meeting those standards or description may be submitted for review.

PRODUCTS SPECIFIED BY NAMING ONE OR MORE MANUFACTURERS: Products of manufacturers named and meeting specifications; there is no obligation on the part of the Owner to review or accept substitutions. If substitutions are requested, they shall be accompanied by a written reason as to why a substitution is proposed. The General Contractor will reimburse Owner for review or redesign services associated with substitution.

PRODUCTS SPECIFIED BY NAMING ONE OR MORE MANUFACTURERS FOLLOWED BY “OR ACCEPTED EQUAL”: Submit a request for substitution for any manufacturer not named.

### PART 3 – EXECUTION

PRODUCT SUBSTITUTIONS PROCEDURES: The name of a certain brand, make, manufacturer, or definite specification is to denote the quality standard or the article desired. A completed “Substitution Request Form” for each proposed substitute item or material is completed and submitted along with substantiation data.

Substantiating data shall include sufficient data, drawings, samples, tests, literature, or other detailed information as will demonstrate to the Owner that the proposed substitute is not less than equal in quality and utility in all respects to the material specified shall be provided.

Request for substitution will be considered if received within 30 days after commencement of the work. Requests received more than 30 days after commencement of the work may be considered or rejected at the discretion of the Owner.

Owner will accept, in writing such proposed substitutions as are in his opinion the equivalent in quality and utility to the items or material specified. Owners' acceptance shall not relieve the contractor from complying with the requirements of the Contract Documents, and the Contractor shall be responsible at his own expense for any changes resulting and subsequently becoming apparent from his proposed substitutions which affect other parts of his own work or the work of other contractors.

Failure to propose any product substitution for evaluation in ample time before its scheduled installation may be deemed sufficient cause for the denial of the request for substitution.

Substitutions submitted by the Contractor for any material, product, or equipment for that specified may be subject or such tests as will determine its quality.

Handling, testing, and inspection costs pertaining thereto shall be paid by the Contractor. All such tests shall be made upon request of the Owner at the expense of the Contractor.

Contractor making a substitution shall pay for any added costs caused by the substitution.

A request constitutes a representation that the General Contractor has investigated proposed product and determined that it meets or exceeds the quality level of the specified product. He will provide the same warranty for the Substitution as for the specified product. He will coordinate installation and make changes to the work which may be required for the Work to be completed with no additional cost to the Owner. He waives claims for additional costs or time extension which may subsequently become apparent. He will reimburse Owner for review or redesign services associated with substitution.

Substitutions will not be considered when they are indicated or implied on shop drawing or product data submittals, without separate written request, or when they conflict with the design intend of the documents.

**END OF SECTION**

## PROJECT CLOSE-OUT

The requirements of the General Conditions and Division 1 apply to all work hereunder.

### PART 1 – GENERAL:

#### NOTICE OF COMPLETION:

The Owner, when supplied with a Notice of Substantial Completion by the Contractor shall file with the municipality a Notice of Completion. A copy of the filing shall be furnished to the Contractor.

#### SUBSTANTIAL COMPLETION:

When the Contractor believes he has achieved substantial completion he will prepare and forward to the Owner, a list of the work to be completed or corrected and dates for the completion or correction. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all work in accordance with the Contract Documents.

Upon receipt of the Contractor's list, the Owner will schedule a punch list review at the site with the General Contractor and an Owner's Representative to review the quality and completeness of the work and conformance with the construction documents. At that time, the Owner will list deficiencies, corrections and work to be completed.

If the Owner determines that the project is substantially complete he will issue a certificate of substantial completion. This will terminate the Time of Completion listed in the Contractor's bid and start the schedule for Final Completion as listed in Section 1700.

If the Owner determines the work is **not** substantially complete, he will issue a list of work to be completed. The Contractor shall then submit a request for another inspection by the Owner to determine substantial completion. *Additional trips to the site for purposes of reviewing the work will be at the cost of the Contractor and will be deducted from payments made by Owner to the General Contractor.*

After the General Contractor has completed all work, corrective or otherwise, he will notify the Owner that the project is ready for final inspection. The Owner will verify completion of the Contract work.

Final payment and scheduling of retention release will not be processed until a final review of the project verifies completion and other items required in this section are complete.

#### FINAL COMPLETION:

Final completion with all punch list items corrected will occur within **14 calendar days** after substantial completion.

#### CLOSE-OUT DOCUMENTATION:

Final close-out documentation, drawings and submittals, as defined in section 01700, will be delivered to the Owner's office no later than **30 calendar days** after substantial completion. Notwithstanding the foregoing without limiting Owner's rights herein, in the event that the General Contractor does not deliver documentation, through no fault or delay of Owner, **Owner**

**may deduct the sum of \$100.00 for each business day** beyond the documentation period that the Contractor has failed to deliver all final close-out documentation. The Owner will also delay release of any retention monies until all close-out documentation documents are provided by the General Contractor.

#### RECORD DRAWINGS:

Store documents and samples apart from documents used for construction. Maintain documents in a clean, dry, legible condition and in good order. Do not use record documents for construction purposes. Make documents and samples available at all time for inspection by Owner. Label each document "PROJECT RECORDS" in neat large printed letters. Record information concurrently with construction progress, including the following if applicable:

- a. Depths of various elements of foundation in relation to finish floor datum.
- b. Horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
- c. Location of internal utilities and appurtenances concealed in the construction, referenced to visible and accessible features in the structure.
- d. Field changes of dimension and detail.
- e. Changes made by Field Order or by Change Order.
- f. Details not on original contract drawings.

Transfer all record information in a neat and legible manner to reproducible drawings, and at Contractor close-out, deliver Record Documents to Owner's Representative.

#### PERMIT AND PERMIT SET DRAWINGS:

At completion of project close-out, signed permits and permit set drawings (if any) to be returned to Owner.

#### PART 2 – MAINTENANCE MANUALS AND INSTRUCTIONS

Preparation of data shall be done by personnel trained and experienced in maintenance and operation of described products.

Identify each volume with typed or printed title, "OPERATING AND MAINTENANCE INSTRUCTION", including the following,

- a. Contractor, name of responsible principal, address and telephone number.
- b. A list of each product required to be included, indexed to content of the volume.
- c. List with each product, name, address and telephone number of:
  - 1) Subcontractor or installer.
  - 2) Maintenance contractor, as appropriate.
  - 3) Identify area of responsibility of each
  - 4) Local source of supply for parts and replacement.
- d. Identify each product by product name and other identifying symbols as set forth in Contract Documents.

Provide copy of each warranty, bond and service contract issued. Provide information sheet for Owner's personnel, giving proper procedures in event of failure and instances which might affect validity of warranties or bonds. Provide instructions for care and maintenance, including Manufacturer's recommendations for types of cleaning agents and methods and recommended schedule for cleaning and maintenance.



### PART 3 – SPECIAL GUARANTEES/WARRANTIES

These special guarantees are an extension of the guarantee of work called for in “General Conditions.” During the normal one year guarantee period, any repairs or replacements required because of damage to other work caused by defective material/workmanship failures shall be by Contractor at no cost to the Owner.

#### SEALANTS:

Guarantee caulking-sealant work to remain watertight for a period of 3 years.

#### ROOFING:

Guarantee roof to remain watertight for a period of 3 years.

Assemble warranties, bonds and service and maintenance contracts, executed by each of the respective manufacturer’s suppliers, and subcontractors. Provide two (each) original signed copies, including the following:

- a. Product or work item
- b. Firm, with name of principal, address and telephone number.
- c. Scope
- d. Date of warranty, bond or service and maintenance contract
- e. Duration of warranty, bond or service maintenance contract
- f. Provide information for Owner’s personnel

#### TIME OF SUBMITTALS:

For equipment or component parts of equipment, put into service during progress of construction, make submittals **within 14 days after inspection and acceptance**. For other equipment, make submittals within ten days after Date of Substantial Completion, prior to final request for payment.

**END OF SECTION**

**BLANK PAGE**

## BUILDING DEMOLITION

### PART 1 – GENERAL

#### RELATED DOCUMENTS:

Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division-1 Specification sections, apply to work specified in this section.

#### DESCRIPTION OF WORK:

Extent of building demolition includes, but is not limited to, removal of siding, exterior trim, landings, stair rails, and related products.

Demolition requires removal and disposal off site.

#### JOB CONDITIONS:

Occupancy: Some apartments in the building may be occupied at time of removal of existing building materials and subsequent construction work. Contractor will start demolition of the designated empty units first and will progress to remaining units as tenants vacate.

Partial Removal: Unless noted as item to be retained by Owner, all items of salvageable value to Contractor may be removed from structure as work progresses. Salvaged items must be transported from site as they are removed. Storage or sale of removed items on site will not be permitted.

Traffic: Conduct demolition operations and removal of debris to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities.

Do not close or obstruct streets, walks, or other occupied or used facilities without permission from authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways as required by regulations.

Protections: Ensure safe passage of persons around area of demolition. Conduct operations to prevent injury to adjacent buildings, structures, other facilities and persons.

Provide exterior shoring, bracing or support to prevent movement, settlement or collapse of items to be removed and adjacent facilities to remain.

Damages: Promptly repair damages caused to adjacent facilities by demolition operations at no cost to the Owner.

Utility Services: Maintain existing utilities serving occupied or used facilities, except when authorized in writing by authorities having jurisdiction. Provide temporary services during interruptions to existing utilities, as acceptable to governing authorities.

## **PART 2 – PRODUCTS**

Not applicable

## **PART 3 – EXECUTION**

### **DEMOLITION:**

Remove all siding/sheathing adjacent to and above and below the landings for inspection of possible water intrusion

Clean adjacent structures and improvements of dust, dirt, and debris caused by demolition operations, as directed by Owner or governing authorities. Return adjacent areas to condition existing prior to start of work

Proceed with demolition in a systematic manner, from top of structure down. Complete demolition work above without disturbing supporting members below.

Completely fill below-grade areas and voids resulting from demolition. Place fill materials in horizontal layers not exceeding six inches in loose depth. Compact each layer as optimum moisture content of fill material to a density equal to original adjacent ground, unless subsequent excavation for new work is required.

After fill placement and compaction, grade surface to meet adjacent contours and to provide flow to surface drainage structures.

### **DISPOSAL OF DEMOLISHED MATERIALS:**

General: Remove and transport from site debris, rubbish, and other materials resulting from demolition operations. Dispose of offsite.

Burning of removed materials from demolished structures will not be permitted on site.

**END OF SECTION**

## ALUMINUM DECKING

### PART 1- GENERAL

#### 1.1 SECTION INCLUDES

- A. Aluminum Decking

#### 1.2 RELATED SECTIONS

- A. Section 06100 – Rough Carpentry
- B. Section 07920 – Caulks & Sealants

#### 1.3 REFERENCES

- A. ASTM E 196-95 Standard Practice for Gravity Load Testing of Floors & Flat Roofs.
- B. Childress Engineering Services – Compliance with Title 24 of the California Building Code.

#### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Samples: Color for approval.
- C. Manufacturer's installation instructions.

#### 1.5 DELIVERY, STORAGE & HANDLING

- A. Store products in manufacturer's unopened package until ready for installation.
- B. Store decking and accessories in a clean dry area.
- C. Handle material to prevent damage.

#### 1.6 WARRANTY

- A. Upon completion, provide a written copy of the manufacturer's limited lifetime warranty.

### PART 2 – PRODUCTS

#### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Lock Dry Aluminum Decking by Nexan Building Products which is located at: 1213 26<sup>th</sup>. Street SW, Cullman AL, 35055.  
Phone # 888-739-6172  
Fax # 888-739-6173
- B. Requests for substitutions will be considered in accordance with provisions of Section 01630.

## PART 3 – EXECUTION

### 3.1 Examination

- A. Confirm that all critical dimensions are as specified on the drawings.

### 3.2 Installation

- A. Install decking in accordance with the latest edition of the manufacturer's written installation instructions.

### 3.3 Cleaning

- A. After application of decking, clean as necessary to remove all dirt and debris.
- B. Upon completion of the project, clean entire area, removing all scrap, packaging, and unused materials related to this work.

**END OF SECTION**

## SECTION 05730

### ORNAMENTAL HANDRAILS AND RAILINGS

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Ornamental Welded Steel Railing System. (Fe26 Residential) (Fe26 Plus Commercial)
- B. Handrail System (Aluminum Round Handrail)

##### 1.2 RELATED SECTIONS

- A. Section 03 30 00 - Cast-in-Place Concrete.
- B. Section 03 50 00 - Cast Decks and Underlayment.
- C. Section 06 10 00 - Rough Carpentry.

##### 1.3 REFERENCES

- A. American National Standards Institute (ANSI):
  - 1. ANSI Z97.1 Safety Performance Specifications and Methods of Test for Safety Glazing Materials in Buildings.
  - 2. ANSI 1264.1 Safety Requirements for Workplace Floor and Wall Openings, Stairs, and Railing Systems
- B. American Welding Society (AWS):
  - 1. AWS D1.1/D1.1M: 2010 Structural Welding Code- Steel
- C. American Society for Testing and Materials (ASTM)
  - 1. ASTM A123/A123M-13 Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
  - 2. ASTM A 307-14 - Standard Specification for Carbon Steel Bolts, Studs, and Threaded Rods 60,000 psi Tensile Strength.
  - 3. ASTM A500/A500m-13 - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes.
  - 4. ASTM A555/A555m-05(2014) - Specifications for General Requirements for Stainless Steel Wire and Wire Rods.
  - 5. ASTM A580/A580M-14 Standards Specifications for Stainless Steel Wire.
  - 6. ASTM A751-14a Standard Test Methods, Practices, and Terminology for Chemical Analysis of Steel Products.
  - 7. ASTM B117-11 Standard Practice for Operating Salt Spray (Fog) Apparatus
  - 8. ASTM B221-14 Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles and Tubes.
  - 9. ASTM B921-08 (2013) Standard Specification for Non-hexavalent Chromium Conversion Coatings on Aluminum and Aluminum Alloys.
  - 10. ASTM C1048-12e1 Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass.
  - 11. ASTM D1730-09 (2014) Standard Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting
  - 12. ASTM E8/8M-13a Standard Test Methods for Tension Testing of Metallic

Materials.

13. ASTM E488/E488M-10 Standard Test Method for Strength of Anchors in Concrete Elements.
  14. ASTM E894-88 (2010) Standard Test Method for Anchorage of Permanent Metal Railing Systems and Rails for Buildings.
  15. ASTM E935-13e1 Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings.
  16. ASTM E1481-00a(2014)e1 - Standard Terminology of Railing Systems and Rails for Buildings
  17. ASTM E2349-12 Standard Practice for Safety Requirements in Metal Casting Operations and Sand Preparation; Molding and Core Making; Melting and Pouring; and Cleaning and Finishing.
  18. ASTM E2353-14 Standard Test Methods for Performance of Glazing in Permanent Railing Systems, Guards and Balustrades
  19. ASTM E2358-04 (2010) Standard Specifications for the Performance of Glass in Permanent Glass Railing Systems, Guards and Balustrades.
  20. ASTM F593-13a Standard Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs
  21. ASTM F594-09e1 Standard Specifications for Stainless Steel Nuts
  22. ASTM F606/F606M-14a Standard Test Methods for Determining the Mechanical Properties of Externally and Internally Threaded Fasteners, Washers, Direct Tension Indicators and Rivets
  23. ASTM F879-12 Standard Specification for Stainless Steel Socket Button and Flat Countersunk head Cap Screws
- D. American Architectural Manufacturer's Association (AAMA):
1. AAMA 2604 Voluntary Specification, Performance Requirements and Test Procedure for High Performance Organic Coatings on Aluminum Extrusions and Panels.
- E. Code of Federal Regulations (CFR):
1. 16 CFR Part 1201 Safety Standard for Architectural Glazing Material (Consumer Products Safety Commission).
  2. 28 CFR Part 36 American with Disabilities Act - hereinafter referred to as ADA.
- F. International Code Council (ICC):
1. ICC-ES AC174 - Deck Board Span Ratings and Guardrail Systems (Guards and Handrails)
  2. ICC-ES AC273 - Handrails and Guards
  3. International Building Code (IBC)
  4. International Residential Code (IRC)
- G. International Conference of Building Officials (ICBO):
1. ICBO UBC - Uniform Building Code.
- H. Military Specification:
1. MIL-DTL-53084B: Primer, Cathodic Electrodeposition, Chemical Agent Resistant.

#### 1.4 DEFINITIONS

- A. Railings: Guards, Handrails, and similar devices used for protection of occupants at open-sided floor areas, pedestrian guidance and support, visual separation, or wall protection.

#### 1.5 PERFORMANCE REQUIREMENTS



- A. General: Railings shall be engineered to withstand structural loads indicated. Determine allowable design working stresses of railing materials.
- B. Structural Performance: Provide railings capable of withstanding test loads in accordance with ICC-ES AC273.
  - 1. Structural Performance of Top Rails and Supports:
    - a. Concentrated Load Test: In Accordance with Section 4.23 of AC273. Two separate tests on each specimen shall be conducted, where a test load of 500 lbf/ft (2.22 kN) is applied at the midspan of the top rail and at the top of a single post in an outward direction. In both cases the load shall be continuously applied horizontally and normal to the top rail at the maximum guard and handrail system height.
    - b. Uniform Load Test: In accordance with Section 4.2.3 of AC273. The top rail of the guard and handrail test specimens shall be subjected to a single test where a maximum uniform load of 125 lbf/ft (1.82 kN/m) is applied vertically and in an outward direction at an angle of 45 degrees from horizontal.
    - c. Design need not provide for both concentrated and uniform loads to be applied concurrently.
  - 2. Structural Performance of Guardrail Infill:
    - a. In-Fill Load Test: In accordance with Section 4.2.2 of AC273. The test specimens shall be tested and shall be capable of satisfactorily resisting a load of 125 lbf (556 N) applied over a 1-square-foot (0.1 m<sup>2</sup>) area normal to the in-fill. In-Fill is defined to include panels, intermediate rails, balusters and other elements.
    - b. Design need not provide for infill loads to be applied concurrently with top rail loads.

## 1.6 SUBMITTALS

- A. General: Submit under provisions of Section 01300 - Submittals
- B. Product Data: Manufacturer's printed product information indicating material compliance and specified options are to be submitted prior to installation. Submit manufacturer's data sheets on each product to be used, including:
  - 1. Manufacturer's product lines of railings assembled from standard components
  - 2. Rail finish
- C. Shop Drawings: Layout of railings components with dimensions, details, and finishes shall be submitted for approval and shall be approved prior to installation. Include plans, elevations, sections, details, and attachments to other work.
- D. Design Data: Submit design data to verify compliance design loads specified in Performance Requirements Article. Design data shall be signed and sealed by the qualified professional engineer responsible for their preparation.
- E. Samples:
  - 1. Submit Samples for initial color selection. Submit samples of each specific finish. Submit Samples in form of Manufacturer's color charts showing full range of colors and finishes available. Where finishes involve normal color variations, include samples showing the full range of variations expected.
  - 2. Submit Samples for verifications purposes. Samples shall be submitted prior to removal. Submit samples for the following:
    - a. For each type of exposed finish required.
    - b. Of each distinctly different linear railing member, including handrails, top rails, posts, and balusters.
      - 1) Each type of railing panel required.

- 2) Each type of glass required.
- 3) Fittings and Brackets.
- 4) Welded Connections.
- 5) Assembled Samples of railing systems, made from full-size components, including top rail, post, handrail, and infill. Show method of finishing members at intersections. Samples need not be full height.

F. Closeout Submittals: Operation and Maintenance Data.

## 1.7 QUALITY ASSURANCE

- A. Qualifications:
1. Manufacturer Qualifications: Company engineering and fabrication of custom railing systems for a minimum of 10 years.
  2. Installer Qualifications: Company experienced in manufacturer's products for a minimum of 5 years. The Contractor shall provide trained laborers with prior experience in the type of construction involved as well as experience installing the materials and techniques specified.
- B. Regulatory Requirements: Completed installations shall meet ICC standards, applicable requirements of ADA Accessibility Guidelines along with any local amendments and/or modifications. Completed installations shall also conform to state, regional, and local codes and regulations.
- C. Source Limitations: Obtain each type of railing through one source from a single manufacturer.
- D. Modifications: Do not modify intended aesthetic effects as judged solely by the Architect, except with the Architects' approval. If modifications are proposed, submit comprehensive explanatory data to the Architect for review.
- E. Welding: Qualify procedures and personnel according to AWS D1.1/D1.1M:2010

## 1.8 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store components in a dry, sheltered location away from uncured concrete, masonry, mortar, and stucco; and a safe distance away from any sanding, blasting, welding and/or painting operations.
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.
- D. Glass components are fragile and subject to shattering and shall be handled and stored as such.

## 1.9 PROJECT CONDITIONS

- A. Field Measurements: Verify actual locations of walls and other construction contiguous with railings by field measurements before fabrication and indicate measurements on shop drawings. Provide allowance for trimming and fitting as site.

## 1.10 COORDINATION AND SCHEDULING

- A. Coordinate installation of anchorages for railings. Furnish setting drawings,

templates and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts and items with integral anchors that are to be embedded in concrete and masonry. Deliver such items to the project site in time for installation

- B. Schedule installation so wall attachments are made only to completed walls. Do not support railings temporarily by means that do not satisfy structural performance requirements.

#### 1.11 WARRANTY

- A. Manufacturer's Warranty: Provide manufacturer's standard limited warranty from the date of purchase, for defects, in material and workmanship, including protection against cracking, peeling, blistering, and corrosion (rusting) of metal parts supplied by the manufacturer.
  - 1. Pure View Glass Baluster Railing System:
    - a. Iron (Steel) Pre-Slotted Rails: 15 years.
    - b. Aluminum Pre-Slotted Rails: Limited Lifetime.
  - 2. Pure View Full Glass Panel Railing System: Limited Lifetime.
  - 3. Ornamental Welded Aluminum Railing System (AL13): Limited Lifetime.
  - 4. Ornamental Welded Steel Railing System:
    - a. Fe26 Residential: 15 years.
    - b. Fe26 Plus Commercial: 10 years.
  - 5. Pre-Assembled Steel and Stainless Steel Railing System (Cable Railing): 15 years.
  - 6. Handrail System (Aluminum Round Handrail): Limited Lifetime.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Fortress Railing Products, which is located at: 1720 N. First Street; Garland, TX 75040; Tel: 844-909-2999; Fax: 972-372-0924; Email: [commercialdesign@fortressrailing.com](mailto:commercialdesign@fortressrailing.com); Web: <http://www.fortressrailing.com>
- B. Substitutions: Must be preapproved by Regional Housing Authority.
- C. Substitutions: Requests for substitutions will be considered in accordance with provisions of Section 01630 - Product Substitutions

#### 2.2 ORNAMENTAL WELDED STEEL RAILING SYSTEM

- A. Commercial Ornamental Welded Steel Railings:
  - 1. Product: provide "Fe26 Plus" Commercial Iron Railing as manufactured by Fortress Railing Products.
  - 2. Materials: Pre-welded Iron railing panels.
    - a. Rails and Pickets: Grade A cold rolled steel formed and welded tubing conforming to ASTM A500/A500M-13 with G-60 zinc coating (0.60 oz/ft<sup>2</sup> or 0.27 kf/M<sup>2</sup>) on both inside and outside surfaces in accordance with ASTM A123/A123M-13 hot dipped electroplating process.
    - b. Tests: ASTM E935-13e1 testing (Methods A, B, C, and D) and loading testing in accordance with ICC-ES AC273.
  - 3. Components:
    - a. Rails: 16 gauge (1.6 mm) wall thickness by 1.25 inch (31.7 mm) square galvanized welded steel tubing with factory applied powder-coated finish.

- b. Pickets: 19 gauge (1.1 mm) wall thickness by 0.75 inch (19 mm) square galvanized welded steel tubing with powder-coated factory finish.
  - c. Posts: 13 gauge (2.5 mm) 2 inch (51 mm) or 15 gauge (1.8 mm) 3 inch (76 mm) square formed and welded galvanized steel tubing with welded base and powder-coated factory finish.
  - d. Brackets: Bracket shall come from same manufacturer as railings and posts. Brackets shall have powder-coated factory finish.
  - e. Fasteners: All nuts, bolts, sheet metal screws, wood screws and washers shall be stainless steel.
4. Style:
- a. Fe26 Plus Commercial Iron Railing Panels:
    - 1) Fe26 Plus Traditional Iron Railing Panels (Level Railing)
    - 2) Fe26 Plus Traditional Adjustable Iron Railing Panels (Stair Railing).
  - b. Installation Style:
    - 1) Level Application.
    - 2) Stair Application.
  - c. Railing Panel Height:
    - 1) 40 inches (1016 mm).
  - d. Railing Panel Width:
    - 1) 69.5 inches (1765 mm).
    - 2) 93.5 inches (2375 mm).
5. Fabrication:
- a. Metal rail sections shall comply with all requirements indicated for materials, thickness, design, and details for construction.
  - b. Welded connections shall comply with AWS D1.1/D1.1M:2010 standards for recommended practice in shop welding. Welds behind finished surfaces shall be without distortion or discoloration of exposed side.
  - c. Components shall be accurately cut, drilled, and/or tapped to receive hardware, fasteners, and accessories.
6. Finish:
- a. Fe26 Plus Commercial Iron Railing Panels:
    - 1) Metal parts shall be assembled and finished individually prior to shipment.
    - 2) Individual parts and welded assemblies shall be made from G60 pre-galvanized material.
    - 3) Galvanized steel railing components shall be cleaned with a non-petroleum solvent followed by the application of a sealing zinc phosphate coating.
    - 4) Following cleaning and pretreatment parts and welded assemblies shall be electro-coated.
    - 5) Electro coating of parts and welded assemblies shall be a two-component cathodic electrodeposition primer with high corrosion protection followed by a sealing and drying process.
    - 6) Immediately after sealing, a two-step powder finish coating shall be applied by the electrophoresis and electrostatic spray process.
    - 7) Electro coating and Powder Coating of parts and welded assemblies shall be done by a certified powder coater.
  - b. Fasteners:
    - 1) Fasteners used for mounting metal parts and welded assemblies shall be stainless steel as supplied by recommended railing supplier.
    - 2) Hexalobular Internal Drive, Flat Head Stainless Steel Thread

Cutting Screw.

- a) Immediately after cleaning and drying, a two-step coating shall be applied by the electrophoresis and electrostatic spray process. This consists of a thermosetting carboxyl polyester resin top coat with a minimum dry film thickness of 60 to 80 microns.
- 3) Hexalobular Internal Drive, Flat Head Stainless Steel Wood Screw.
    - a) Immediately after cleaning and drying, a one-step coating shall be applied by the electrophoresis process. This consists of a thermosetting epoxy with a minimum dry film thickness of 10 to 25 microns.

## 2.3 ALUMINUM ROUND HANDRAIL SYSTEM

### A. Aluminum Handrail System.

1. Product: provide "Aluminum Round Handrail" system as manufactured by Fortress Railing Products.
2. Materials: Extruded Aluminum Tubing (Handrail) with Aluminum Die-Cast extrusions (brackets and assembly components).
3. Components:
  - a. Handrail: 0.10 inch (2.5 mm) wall thickness, 6063-T6 extruded aluminum round tubing 1.5 inch (38 mm) diameter by 97 inches (2464 mm) long with powder-coated factory finish.
  - b. Brackets and Assembly Components: Brackets and assembly components shall come from same manufacturer as handrail, railings, and posts. Brackets and Assembly components shall have powder-coated factory finish.
  - c. Fasteners: All nuts, bolts, sheet metal screws, wood screws, and washers shall be stainless steel.
4. Style: Aluminum Round Handrail:
  - a. Installation Style: Level, Stair or Ramp application.
  - b. Handrail Length: 97 inches (2464 mm) length.
5. Fabrication:
  - a. Handrail, brackets, and assembly components shall be manufactured to meet ADA guidelines.
  - b. Metal handrail sections shall comply with all requirements indicated for materials, thickness, design, and details for construction.
  - c. Components shall be accurately cut, drilled, and/or tapped to receive hardware, fasteners, and accessories.
6. Finish:
  - a. Metal parts shall be assembled and finished individually prior to shipment.
  - b. Individual aluminum parts and welded aluminum assemblies will be cleaned and pretreated per ASTM standard practices for aluminum using a chromium phosphate solution.
  - c. Chromated aluminum railing components shall be cleaned with a non-petroleum solvent.
  - d. After chromating, a one-step powder finish coating shall be applied by the electrostatic spray process. This consists of a thermosetting carboxyl polyester resin top coat with a minimum dry film thickness of 60 to 80 microns.
  - e. Fasteners:
    - 1) Fasteners used for mounting metal parts and welded assemblies shall be stainless steel as supplied by recommended railing supplier.

- 2) Hexalobular Internal Drive, Flat Head Stainless Steel Thread Cutting Screw.
    - a) Immediately after cleaning and drying, a two-step coating shall be applied by the electrophoresis and electrostatic spray process. This consists of a thermosetting carboxyl polyester resin top coat with a minimum dry film thickness of 60 to 80 microns.
  - 3) Hexalobular Internal Drive, Flat Head Stainless Steel Wood Screw.
    - a) Immediately after cleaning and drying, a one-step coating shall be applied by the electrophoresis process. This consists of a thermosetting epoxy with a minimum dry film thickness of 10 to 25 microns.
- f. Color: As selected by Architect from manufacturer's full range of colors.

### PART 3 EXECUTION

#### 3.1 EXAMINATION

- A. Verification of Conditions: Examine areas and conditions under which the work is to be installed, and notify the Contractor in writing, with a copy to the Owner and the Architect, of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.
1. Examine gypsum board assemblies, where in forced to receive anchors, to verify that locations of concealed reinforcements have been clearly marked for installer. Locate reinforcements and mark locations if not already done.
  2. Verify areas to receive railings are completed to previously established conditions as detailed in other sections.
  3. Coordinate post setting diagrams, plans, templates, and drawings and verify the proper installation of any necessary anchorages as detailed in the Drawings.
  4. Coordinate with appropriate entity to correct unsatisfactory conditions, if any exist.
  5. Beginning of the work shall indicate acceptance of the areas and conditions as satisfactory by the Installer.

#### 3.2 PREPARATION

- A. Stake Layout showing locations of posts as well as any gates.
- B. Note location of any affected underground utility lines, irrigation lines, or other subsurface structures, if applicable.
- C. Railings that require wall mounting, wood blocking shall be provided.

#### 3.3 INSTALLATION

- A. Railing assemblies shall consist of the following systems (assembly shall be designed in accordance to all standards established elsewhere in this Section):
1. Metal posts anchored to floor supporting top and bottom metal rails.
  2. Wood posts anchored to floor supporting top and bottom metal rails.
  3. Wood posts anchored to floor supporting top and bottom wood rails.
- B. Assemblies shall be installed based on manufacturer's written installation instructions and in accordance with authorities having jurisdiction.

- C. Mount posts in accordance with post mounting applications per manufacturer's written installation instructions and in accordance with authorities having jurisdiction.
- D. Install manufacturer-supplied brackets and mounting clips onto railing section and posts as indicated in manufacturer's printed instructions for specific railing material. Attach railing sections to brackets with approved fasteners and techniques to ensure that sections are horizontal and parallel to grade/slab or rake to within 0.25 inches (6 mm) in 12 feet (3658 mm).
- E. Glass panels shall be non-structural and attached to posts and rails with manufacturer's connectors to infill space between posts.
- F. Verify that rails, posts, and other surfaces to receive glass panels are clean and free of obstructions.
- G. Joints shall accommodate expansion and contraction of metal components without causing undue stress, buckling, joint fatigue, and/or distortion. Follow manufacturer's written installation instructions.

#### 3.4 CLEANING

- A. Repair scratches and other installation-incurred damage on rails and posts. If damage is visible from a distance of 5 feet (1524 mm), component shall be replaced.
- B. Clean up debris and unused material, and remove from site.
- C. Clean glass immediately after installation. Scratched, chipped, or cracked glass shall be replaced.

#### 3.5 PROTECTION

- A. Protect finishes of railings from damage during construction period with temporary protective coverings approved by railing manufacturer. Remove protective coverings at time of Substantial Completion.
- B. Restore finishes damaged during installation and construction period so no evidence remains of correction work. Return items that cannot be refinished in field to shop; make required alterations and refinish entire unit, or provide new units.

END OF SECTION

**BLANK PAGE**



## ROUGH CARPENTRY

The requirements of the General Conditions and Division 1 apply to all work hereunder.

### PART 1 – GENERAL

#### RELATED SECTIONS:

##### 07440 Cement Fiber Siding

Work shall include all labor, material, equipment, etc., necessary to complete both rough and finish carpentry, concrete form work, rough hardware, installation of all hardware, wood preservative, installation of all millwork, grounds, doors, as shown on the drawings or herein specified.

Protection - All lumber shall be protected and kept under cover at the job site. Materials shall not be delivered unduly long before they are required for the proper execution of the work.

Workmanship – All items specified to be installed hereunder shall be accurately cut or fitted and rigidly fastened to produce plumb, level, true and rigid work. Exposed work shall be carefully installed to produce a neat and finished appearance, free from hammer marks, dents and gouges.

Product Handling – Keep materials dry at all times. Protect against exposure to weather and contact with damp or wet surfaces. Stack lumber or plywood, and provide air circulation within stacks.

Job Conditions – Fit carpentry work to other work; scribe and cope as required for accurate fit. Correlate location of furring, nailers, blocking, grounds and similar supports to allow proper attachment of other work. **Any existing framing that is to be re-used shall be lowered by relocating the joists hangers and/or cutting the 4X4 posts to allow for the additional thickness of the aluminum decking material.**

### PART 2 - PRODUCTS

Lumber herein referred to shall conform to the "Standard Grading and Dressing Rules for the West Coast Lumber" No. 17 latest edition. Grades shall conform to the grading rules of the Manufacturers Association under whose rules the lumber is produced. Plywood shall conform to the product standard

PS 1-74 of the US Department of Commerce. Glue laminated lumber shall conform to AITC 117-79 of the American Institute of Timber Construction.

Grade Marking - Each piece of structural lumber, timber and plywood shall be legibly identified as to type, grade and species by a grade mark of the West Coast Lumberman's' Association, California Redwood Association, or the Douglas Fir Plywood Association.

Use grade and species shall be not less than the following:

USE	SPECIES	GRADE AND PATTERN
6x Beams	DF	Select Struct
Joists & 4x Beams	DF	No. 1
4 x Posts	DF	No. 1 (Select Struct where any portion is exposed)
6x Posts	DF	Select Struct
Plywood Sheeting	DF	Structural 1 CDX
Exposed @ Eave	DF	BCX
Roof	DF	COX
Mud Sill	PTDF	No. 2

Vertical Framing	DF	No. 2
Glu Lam Beams	DF 24F-V8 or V4	Appearance
Facias	Spruce or Fir	2X Smooth Pre-Primed

All framing exposed to view in the completed building shall be select structural and S4S.

Maximum Moisture Content - Framing Lumber 19%

Nails - Common, meeting Fed Spec FF-N-1-1 unless noted on the structural drawings. Sizes and spacing as noted on the structural drawings

ROOF/WALL SHEATHING: Exterior rated sheathing 15/32 4 ply complying with the structural requirements as indicated on the structural drawings.

Lumber shall be Douglas Fir which meets the structural requirements and laminating specifications of the species. Lumber shall be stress grade to provide Combination A members with normal working stress value of 2400 psi in bending for dry condition of use. Adhesives shall meet the requirements of glue laminated lumber standards for dry condition of use.

A sealer coat shall be applied to all members as soon as practical in accordance with AITC Protection Standards. Each member shall be wrapped for protection during transit and erection.

Shop drawings shall be furnished by the fabricator for review by the Owner before fabrication is started.

**MATERIALS INSTALLED AS FURNISHED BY OTHERS** - All miscellaneous steel and iron, bolts, anchors, ties and straps, and all rough hardware which is secured to rough carpentry or set in concrete forms shall be the work of the General Contractor

**ROUGH HARDWARE AND CARPENTER'S IRON WORK** - Bolts lag screws, washers, screws, dowels, framing clips, metal angles, joist hangers, nails, anchors, and any other miscellaneous metal items or rough hardware that may be purchased and not requiring further fabrication shall be furnished. Purchased hardware shall be Simpson Strong Tie or approved equal.

Bolts shall be of sizes noted on the drawings. Holes for bolts shall be the nominal diameter of the bolt plus 1/16". Provide washers under nuts and heads of bolts bearing on wood. Lag bolts shall be installed with a pilot hole no larger than the root diameter of the bolt. Lag bolts shall be screwed into place and not driven in. All machine bolts shall have their threads continue entirely through the nut. Exposed bolts shall have no more than 1/4" of exposed threads beyond the nut. Cut off if required.

Hangers - Except as otherwise noted or detailed on the drawings, metal hangers shall be Simpson Strong Tie or approved equal.

Powder Driven Anchors - Powder activated fasteners for fastening interior wall plates to concrete slabs shall be Ramset 3303 tempered pins.

## PART 3 – EXECUTION

## PROTECTION OF EXISTING FACILITIES & TENANTS:

General – Such protection facilities shall conform to the requirements outlined under Division 1 of these Specifications and to the requirements specified hereinafter. The protection facilities shall be substantially built and maintained throughout the duration of the construction project during such times when damage to the existing facilities and danger to personnel exists.

Maintenance of the protective devices shall include any painting (where specified), resealing, relocating, replacing or any other work as may be required to maintain the effectiveness of the protective device.

Alterations – All demolition work, cutting, patching, removal and other alteration work shall be performed hereunder, except as may be specified under other sections of these Specifications. Furnish all labor, materials and equipment necessary to complete the work as indicated. Alteration work shall be installed in the same manner, quality of materials and workmanship as specified for new work. Prepare all openings and surfaces as required to receive new materials and finishes specified to be furnished and installed under all sections of these Specifications. Where materials or items are indicated to be relocated to reuse, such materials or items shall be modified as indicated, cleaned and repaired and reinstalled as indicated or specified for new work of similar nature.

Clean-Up – Upon completion of work, remove all temporary walls, closures and protective devices and remove all debris from the premises.

## WOOD FRAMING:

Set carpentry work accurately to required levels and lines, with members plumb, and true and accurately cut and fitted. Securely attach carpentry work to substrate by anchoring and fastening as shown and as required by recognized standards. Countersink nail heads on exposed carpentry work and fill holes.

All studs walls shall have top plates doubled; and joints in the lower plate shall be made over a stud. All top plates shall be lapped full width of studs at the corners and lapped 4' 0" at bearing partitions.

All studding shall have solid blocking the same width as studs at the mid height of the wall, not to exceed 10'. All corners studs shall be solid, no splicing. Provide temporary bracing for all wall framing.

Provide backing and or blocking for nailing of all edges of walls and ceilings and for supporting of fixtures, casework and equipment of all other trades.

Powder driven fasteners – Shot thru 2" 16 ga solid metal disk with the proper powder charge to set pin head flush, spacing as shown on the drawings.

Other fasteners – As per the current UBC schedule and or as indicated on the drawings.

Cuts and holes drilled in pressure treated material shall be retreated with preservative.

Plywood panels shall be supported evenly over roof joist and all edges shall be over solid members. Glue all plywood to joists and at all panel edges.

All joists shall be hung with joists hangers as specified.

**END OF SECTON**

**BLANK PAGE**



## SECTION 07440

### CEMENTITIOUS PANELS

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Cementitious express/reveal jointed panel with accessories. (James Hardie HZ5 or HZ10 Hardie Reveal Panels.)

##### 1.2 RELATED SECTIONS

- A. Section 05 40 00 - Cold-Formed Metal Framing.
- B. Section 06 10 00 - Rough Carpentry.
- C. Section 06 10 00 - Rough Carpentry.
- D. Section 07 21 26 - Blown Insulation.

##### 1.3 REFERENCES

- A. ASTM International (ASTM):
  1. ASTM B136 - Standard Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum.
  2. ASTM B244 - Standard Test Method for Measurement of Thickness of Anodic Coatings on Aluminum and of Other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments.
  3. ASTM C834 - Standard Specification for Latex Sealants.
  4. ASTM C920 - Standard Specification for Elastomeric Joint Sealants.
  5. ASTM C1186 - Standard Specification for Flat Non-Asbestos Fiber-Cement Sheets.
  6. ASTM D523 - Standard Test Method for Specular Gloss.
  7. ASTM D1117 - Standard Guide for Evaluating Nonwoven Fabrics.
  8. ASTM D1308 - Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes.
  9. ASTM D1730 - Standard Practices for Preparation of Aluminum and Aluminum-Alloy Surfaces for Painting.
  10. ASTM D2794 - Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
  11. ASTM D3363 - Standard Test Method for Film Hardness by Pencil Test.
  12. ASTM D3359 - Standard Test Methods for Rating Adhesion by Tape Test.
  13. ASTM D4585 - Standard Practice for Testing Water Resistance of Coatings

- Using Controlled Condensation.
14. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
  15. ASTM E96 - Test Methods for Water Vapor Transmission of Materials.
  16. ASTM E119 - Standard Test Methods for Fire Tests of Building Construction and Materials.
  17. ASTM E136 - Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degrees C.
  18. ASTM E330 - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure

- B. AATCC127 - Water Resistance: Hydrostatic Pressure Test.
- C. TAPPI - T460 - Air Resistance of Paper (Gurley Method).

#### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  1. Installation instructions and recommendations.
  2. Storage and handling requirements and recommendations.
  3. Manufacturer's best practice guide.
  4. Technical data sheet.
  5. Standard CAD drawings
- C. Shop Drawings: Provide detailed drawings of atypical non-standard applications of cladding junctions and penetrations which are outside the scope of the standard details and specifications provided by the manufacturer.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum size 4 by 6 inches (100 by 150 mm), representing actual product, color, and patterns.

#### 1.5 QUALITY ASSURANCE

- A. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques
  1. Finish areas designated by Architect.
  2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
  3. Refinish mock-up area as required to produce acceptable work.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store siding flat on a smooth level surface. Protect edges and corners from chipping. Store sheets under cover and keep dry prior to installing.
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

#### 1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within



## 1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## 1.8 WARRANTY

- A. Manufacturer's Warranty: Provide Hardie HZ5 or HZ10 Reveal Panel Limited Product Warranty, with 30-year limited product warranty against manufacturing defects.
  - 1. Application Warranty: Application limited warranty for 2 years.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Substitutions: Permitted only with preapproval
- B. Requests for approval of equal substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

### 2.2 CLADDING

- A. Cement Cladding Panels: Hardie Reveal Panel as manufactured by James Hardie Building Products, Inc. 7/16 inches thick, 3 feet 11.5 inches (1206 mm) wide by 7 feet 11.5 inches (2426 mm) long. Product shall be engineered for climate conditions.
  - 1. Manufacturer's Climate Zone Product: HZ5 for freezing wet climates with a green tint primer.
  - 2. Manufacturer's Climate Zone Product: HZ10 for hot humid and wet climates with a yellow tint primer.
  - 3. Refer to [hardiezone.com](http://hardiezone.com) to identify the specific zone of your project.
- B. Code Compliance Requirement for Siding Materials:
  - 1. Fiber-cement siding, complies with ASTM C 1186 Type A Grade II.
  - 2. Fiber-cement siding, complies with ASTM E 136 as a noncombustible material.
  - 3. Fiber-cement siding, complies with ASTM E 84 Flame Spread Index = 0, Smoke Developed Index = 5.
  - 4. Fiber-cement siding, complies with ASTM E 119 1 hour and 2 hour fire resistive assemblies listed with Warnock Hersey.
  - 5. Fiber-cement siding, tested to ASTM E330 for Transverse Loads.
  - 6. Intertek Warnock Hersey Product Listing.
  - 7. Manufacturer's Technical Data Sheet.

### 2.3 WEATHER BARRIER

- A. Weather Barrier: James Hardie HardieWrap and HardieWrap Flashing and Seam Tapes.
- B. Code Compliance Requirement for Weather Barrier:
  - 1. Thickness, 11 mil sheet.
  - 2. Breathability in accordance with ASTM E96.
  - 3. Tear strength in accordance with ASTM D1117.
  - 4. Water resistance in accordance with AATCC127.
  - 5. Air Penetration in accordance with TAPPI - T460.
  - 6. HardieWrap Weather Barrier ICC-ES Evaluation Report ESR-2258

## 2.4 FURRING (STRAPPING)

- A. Rainscreen Cavity: Install Hardie Reveal Panels on a drained and vented rainscreen cavity, with a minimum 3/4 inch (19mm) air cavity. Selection of cavity vent materials shall be incorporated into the design to prevent insect and pest entry.

## 2.5 ACCESSORIES

- A. Trims: Reveal Trims manufactured by Custom Aluminum of Elgin, IL in the following profiles supplied by James Hardie. Aluminum alloy 6063-T5 with a minimum thickness of 0.050 inch. All reveal trims are 8 feet in length.
  - 1. Surround horizontal trim.
  - 2. Surround vertical trim.
  - 3. Surround horizontal end cut transition trim.
  - 4. Surround outside corner trim.
  - 5. Surround inside corner trim.
  - 6. Surround J channel trim.
  - 7. Surround drainage flashing.
  - 8. Recess horizontal trim.
  - 9. Recess vertical trim.
  - 10. Recess horizontal edge trim.
  - 11. Recess vertical F-trim.
  - 12. Recess outside corner trim.
  - 13. Recess drainage flashing.
- B. Finishes of Reveal Trims:
  - 1. Primed for field painting; coating tested to ASTM D3363, ASTM D3359, D2794, D4585, D523, and D1308.
  - 2. Clear anodized; conforming to ASTM B244 and ASTM B136.

## 2.6 FASTENERS

- A. Fasteners: For attaching Hardie Reveal Panel direct to sheathing refer to manufacturer's installation instruction for this region.

## 2.7 FINISHES

- A. Factory Primer: Provide factory applied universal primer.
  - 1. Primer: Factory applied sealer/primer by James Hardie. Apply flat sheen finishes to panels.
  - 2. Topcoat: Refer to Section 09 90 00 - Painting and Coating and Exterior Finish Schedule.

## 2.8 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If framing preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

## 2.9 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Ensure that drainage plane is intact and all penetrations are sealed.

## 2.10 INSTALLATION

- A. Wood Framing: Nominal 2 inch by 4 inch (51 mm by 102 mm) wood framing selected for minimal shrinkage and complying with local building codes, including the use of water-resistive barriers or vapor barriers where required. Minimum 1-1/2 inches (38 mm) face and straight, true, of uniform dimensions and properly aligned.
  - 1. Install water-resistive barriers and claddings to dry surfaces.
  - 2. Repair any punctures or tears in the water-resistive barrier prior to the installation of the siding.
  - 3. Protect siding from other trades.
- B. Metal Framing: Minimum 20 gauge (33 mm) 3-5/8 inch (92 mm) C-Stud 16 inches maximum metal framing complying with local building codes, including the use of water-resistive barriers and/or vapor barriers where required. Minimum 1-1/2 inches (38 mm) face and straight, true, of uniform dimensions and properly aligned.
  - 1. Install water-resistive barriers and claddings to dry surfaces.
  - 2. Repair any punctures or tears in the water-resistive barrier prior to the installation of the siding.
  - 3. Protect siding from other trades.
- C. Furring: Install furring on a minimum 3/4 inch (19mm) rainscreen cavity, or in accordance with local building code for rainscreen requirements.
- D. Installation: Install materials in strict accordance with manufacturer's installation instructions.
  - 1. Fastening Method: Exposed.
  - 2. Place fasteners no closer than 3/4 inch (9.5 mm) from panel edges and 2 inches (51 mm) from panel corners.
  - 3. Use fasteners as specified in the James Hardie Tech Data sheet and in the Hardie Reveal Panel Installation Instruction.
  - 4. Install a kickout flashing to deflect water away from the siding at the roof intersection.
  - 5. Install a self-adhering membrane on the wall before the subfascia and trim boards are nailed in place, and then install the kickout.
  - 6. Allow minimum vertical clearance between the bottom edge of siding and any other material in strict accordance with the manufacturer's installation instructions and as determined by James Hardie Zone.
  - 7. Maintain clearance between siding and adjacent finished grade.
  - 8. Specific framing and fastener requirements - refer to the applicable building code compliance reports.

## 2.11 FINISHING

- A. Finish factory primed siding with a minimum of two coat of high quality 100 percent acrylic exterior flat grade paint with flat finish within 180 days of installation. Follow paint manufacturer's written product recommendation and written application instructions.
- B. Field cut edges shall be coated during the installation process using an exterior grade primer/sealer that is compatible with the type of paint to used on project.

## 2.12 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

BLANK PAGE

## Painting Materials

### PART 1 – GENERAL

**SCOPE:** The work of this section shall include all labor, material, equipment, scaffolding, and other equipment as required for the cleaning and surface preparation to receive painting and for all finish painting as herein specified.

**COLORS AND SAMPLES:** Colors to be chosen by the Owner. Provide 8"x11" painted samples of each color. **All painted samples to be approved by Owner's representative prior to starting painting.**

### PART 2 – PRODUCTS

**GENERAL:** All materials as herein specified shall be by manufacturers as listed. It is the responsibility of the general contractor to check availability. Undercoat, primers and systems shall be of the same manufacture as the final coat. All materials specified by brand name or brand manufacturer or selected for use under the above clause shall be delivered unopened at the job in their original containers.

No paint shall be reduced or applied in any way except as herein specifically called for, or recommended by the manufacture. Should conflict occur between specifications and manufacturer's recommendations and/or standard practice, notify the Owner prior to bidding work for clarification.

#### EXTERIOR PAINT – FINISH

- A. Sherwin Williams Duration Acrylic Latex
- B. Valspar Duramax Latex
- C. Equivalent, pre-approved by Owner

#### INTERIOR PAINT – FINISH

- A. Sherwin Williams PMC Semi-gloss

#### FINISHING SCHEDULE:

All new and bare wood will receive a minimum of 1 coat of primer/sealer prior to finish. Finish shall consist of 2 coats applied as specified herein.

## PART 3 – EXECUTION

**GENERAL:** All necessary scaffolding shall be furnished by the Painting Contractor. Such scaffolding shall conform to regulations of the State Industrial Accident Commission and local ordinances.

**WORKMANSHIP:** Each coat of paint shall be applied at proper consistency and brushed evenly, free of brush marks, sags, runs, with no evidence of poor workmanship. Care shall be exercised to avoid lapping of paint on glass or hardware. Paint to be sharply cut to lines. Make allowances for multiple coats to provide a smooth uniform final finish color. It is the responsibility of the Painting Contractor to provide a uniform final finish, Regardless of the number of coats called out in the finishing schedule. Provide protective covers or drop cloths to protect surrounding surfaces and equipment. Care shall be exercised to prevent paint being spattered on to surfaces that are not being painted. Surfaces from which paint cannot be satisfactorily removed, shall be painted or replaced as required to produce a finish satisfactory to the Owner.

**PROTECTION OF WORK:** The Painting Contractor shall take the necessary steps to protect his work and the work of other Contractors during the time his work is in process and the Contractor shall be responsible for any and all damage to the work, or property, of other Contractors caused by his employees or by himself.

**CONDITION OF SURFACES:** No exterior painting or interior finishing shall be done under conditions which jeopardize the quality or appearance of painting or finishing. Environmental conditions shall be maintained as specified by manufacturer for each product.

The Painting Contractor shall examine all surfaces to be painted under this contract and see that the work of other trades has been left or installed in satisfactory condition to receive paint or specified finish. Before starting work notify the Owner in writing of any surfaces unsatisfactory for proper finishing. The application of the first coat of any finishing process shall constitute acceptance of the surface.

**STORAGE OF MATERIALS:** The Painting Contractor shall responsible for securing all painting materials and equipment, not in immediate use. Receiving and opening of all painting materials and any mixing shall be done in this area.

All necessary precautions shall be taken to prevent fire. Rags, waste soiled with paint shall be removed from the premises at the end of each day's work, or stored in metal containers with metal covers.

**PRIMING AND BACK PRIMING:** All bare and new wood shall be primed on all exposed sides and ends prior to finishing. Wood frames, trim and other woodwork installed against masonry, concrete or plaster shall be back primed.

First coat of paint to be applied as soon as possible after woodwork is fitted and erected. Shop coats of paint shall be touched up prior to application of priming called for in this specification.

**PREPARATION OF SURFACES:** All surfaces shall be in proper condition to receive finish. All knotholes, pitch pockets or sappy portions to be shellacked or sealed with knot sealer. Nail holes, cracks or defects to be carefully puttied or caulked after first coat of primer.

**CLEAN UP:** Remove all paint and primer from all other surfaces, glass, floors, etc., upon completion of the painting. Remove all waste and empty containers from the site.

**END OF SECTION**

**BLANK PAGE**



