

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

The following changes additions and clarifications are hereby made part of the contract documents for the above referenced project and shall be taken into account in the preparation of all proposals and the execution of all work. This Addendum shall be signed by the Bidder, be attached to submitted bid and acknowledged on the bid forms. All changes, omissions, additions and alterations in, on and to the Contract Documents and Specification will apply to proposals made for the execution of the various parts of the work affected thereby. In cases of conflict between the Plans, Specifications and this Addendum, this Addendum shall govern.

Changes to Bid Documents:

1. The Specifications for the Industrial Wastewater Treatment Facility Project have been modified. The links below access the modified sections. All bidders shall replace the original sections with these modified sections in preparing bids:
(Deletions are indicated with strikethrough text, additions are indicated in red and bold.)
 - a. **Deadline for Questions is extended until Thursday, February 20, 2025.**
 - b. **REPLACE Appendix F Monterey County Wage Determination** in its entirety, see attached.
 - c. **REVISE Section 00200.10.03.C.3**, page 00200-6
"3. If Bidder is a corporation, name of the corporation must be stated, the state of incorporation must be listed, the title of the person with authority to sign and bind corporation, must be stated, and the corporate seal must be affixed. **If the Bid is made by a corporation; a certified copy of the bylaws or resolution of the Board of Directors of the corporation shall be furnished, showing the authority of the officer signing the Bid, to execute Bid on behalf of the corporation.**"
 - d. **REVISE Section 11001.2.03.C**, page 11001-11, "Equipment Instrumentation and Control Components: see requirements in Division **13** ~~17~~."
 - e. **REVISE Section 11440.2.01.A**, page 11440-3,
"A. Pre-Approved Manufacturers:
 1. ~~Enviro-Care~~ **SAVECO North America, Inc.**
 2. Kusters Water
 3. Veolia
 4. Franklin Miller
 5. **Or-Tec**"
 - f. **REVISE Section 11440.2.04.A.3**, page 11440-4,
"3. Materials of Construction: All wetted parts shall be constructed from engineering polymer or stainless steel ~~except for the spiral~~. The spiral is constructed from 316 stainless steel. Bearings, electrical devices, motor and gear reducer shall be of the manufacturer's standard materials."
 - g. **REVISE Section 11440.2.04.B.4**, page 11440-4,
"4. Screen cover shall have a safety limit switch installed to prevent the screen from operating with the tank cover in the open position. Screen cover shall be supplied with connections for mounting the level control instrumentation ~~and vent connection~~."

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

- h. **REVISE: Section 13470, 1.2 QUALITY ASSURANCE and Addendum 1, 1c, Section 13470, SCADA PLC System, Page 13470-6:**

"1.2 QUALITY ASSURANCE

A. References and **Qualifications** ~~pre-qualified~~ for integrators:

1. Work specified in this Section shall follow the applicable code and standards: EIA, ANSI, IEEE, ISA, and NFPA.
2. Where provisions of the pertinent codes and regulation, requirements of the referenced standards, or these specifications conflict, the more stringent of the requirements shall govern.
3. **Qualified** ~~Pre-qualified~~ SCADA PLC system integrators are Tesco Controls, **Calcon**, Glenmount Global Solutions, **Advanced Integration and Controls, SOFFA, NDI, or as defined and demonstrated in accordance with the qualifications below. Review and acceptance of qualified system integrators is at the sole discretion of the City.**

4. Minimum Qualifications:

a. Proven Industry Experience:

- 1) **A demonstrated track record of successful SCADA integration projects across multiple industries, showcasing the firm's ability to design, implement, and support complex systems.**
- 2) **Provide evidence of a minimum of 5 years of experience.**

b. Technical Expertise & Skilled Workforce:

- 1) **A team of qualified engineers and technicians with in-depth knowledge of SCADA architectures, PLC programming, HMI development, and industrial communication protocols (e.g., Modbus, DNP3, OPC, IEC).**
- 2) **Up-to-date familiarity with modern technologies and evolving industry standards.**
- 3) **Provide resumes of those proposed to do the work.**

c. Certifications & Accreditations:

- 1) **Industry-recognized certifications such as ISO 9001 for quality management, cybersecurity certifications, and any relevant vendor-specific credentials that validate the firm's technical and operational expertise.**
- 2) **Provide certifications of those proposed to do the work.**

d. Strong Vendor Partnerships:

- 1) **Provide evidence of established relationships with leading SCADA software and hardware providers to ensure access to the latest technologies, technical support, and resources.**

e. Robust Project Management Capabilities:

- 1) **Proven methodologies for planning, executing, and delivering projects on time and within budget.**

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

- 2) **Comprehensive risk management and quality assurance practices throughout the project lifecycle.**
 - f. **Cybersecurity Proficiency:**
 - 1) **Provide evidence of a deep understanding of cybersecurity best practices tailored for industrial control systems, ensuring that all SCADA solutions are secure from evolving threats.**
 - g. **Regulatory & Safety Compliance:**
 - 1) **Familiarity with relevant local and international regulations, safety standards, and industry-specific compliance requirements, ensuring that integrations meet or exceed necessary legal and safety benchmarks.**
 - h. **Customizable & Scalable Solutions:**
 - 1) **Provide evidence of your ability to provide solutions that are tailored to the unique needs of each client, with scalability in mind to support future growth and integration with additional systems or technologies.**
 - i. **Comprehensive Support & Maintenance Services:**
 - 1) **Provide a commitment to ongoing customer support, including training, remote troubleshooting, system upgrades, and preventive maintenance to ensure optimal performance over time.**
 - j. **Financial Stability & Reputation:**
 - 1) **Provide evidence of a solid financial foundation and a reputable standing in the industry, which provide assurance of long-term support, innovation, and the capacity to handle large-scale projects."**
- i. **REVISE: Section 13700, 1.06.D.1.b HDPE Geomembrane Installer, Page 13700-5:**

"b. Installer must be pre-approved prior to **construction** bidding."
 - j. **REPLACE the following Plan Sheets** in its entirety, see attached:
GA-1, GP-1, P-3, GH-1
 - k. **ADD Section 31232, GEOFOAM LIGHTWEIGHT FILL**, see attached.
2. Answers to Contractor Questions. The following shall be considered as supplemental requirements in preparing bids:
- a. **Question:** Please confirm that the bonding requirements must be fulfilled by the contractor submitting the bid rather than a subcontractor?

Answer: Bond is provided by Prime Contractor.

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

- b. **Question:** Regarding Contractor License: SCADA (Supervisory Control and Data Acquisition) work does not always require a contractor's license, as it primarily requires software and system integration rather than construction-related work. We do not perform structural or electrical work. How should we respond to this requirement in our submission?

Answer: The Prime Contractor shall possess a valid California Contractor's General Engineering License "A" at the time of contract award and throughout the contract term. Subcontractors performing on-site construction-related work shall carry valid contractor's licenses that pertain to their scope of services. If work is limited to software and system integration and does not include work on-site (i.e. wiring of devices or control systems/panels) a contractor's license may not be required.

- c. **Question:** The DIR website currently states that enforcement of contractor registration requirements and electronic certified payroll records (eCPRs) is paused from 6/22/24 through 6/22/2025. Given this pause, how does this affect our ability to bid if we are not currently registered?

Answer: The DIR website provides guidelines for public works contractors to register or renew if a new account has not been set up since May 24, 2024.

With respect to eCPRs, the Contractor shall attempt to submit eCPRs, but if unable to do so will be required to submit traditional certified payroll records (on forms such as the DIR Form A-1-131) as required by Labor Code section 1776 to ensure continued compliance with all other public works requirements.

- d. **Question:** Would we need to obtain a City of Gonzales Business License before submitting our bid, or would this only be required upon award of the contract?

Answer: The awarded contractor and any subcontractor conducting business within the City of Gonzales, shall obtain a City of Gonzales Business License.

- e. **Question:** Can you provide the bolt circle and bolt diameter for the light fixture L3 on Sheet E-18? As well as what the material and thickness of the pole is?

Answer: Pole thickness Aluminum 0.1196"
Bolt base circle 12"
Anchor bolt diameter 1"
Anchor bolt length 36"

- f. **Question:** The concrete wet well section, Detail A on sheet S-12 shows 12'-0" GEOFOAM extending from the Wet Well foundation up the outside walls of the Wet Well. Can the City please provide a specification for this material?

Answer: Specifications 31232 Geofom attached.

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

g. **Question:** Section 11440 - Screening Removal System

Question:	Answer:
11440 – 1.02.A: Section 11440 does not reference Div. 16. Section 16000 includes controls requirements such as NEMA size 1 motor starters, push-to-test pilot lights, NEMA 4X 316 stainless steel enclosure. Please confirm if the control requirements outlined in this Section 16000 are to be included in our scope.	Confirmed
11440 – 1.02.A.1: This paragraph references Section 11001 which states that equipment instrumentation and controls are per Div. 17. It does not appear that a Div 17 is included. Please advise if Div. 17 is available for review.	Refer to Division 13.
11440 – 2.01.A: Please change “Enviro-Care” to “SAVÉCO North America, Inc.” as our company name has changed.	Acknowledged.
11440 – 2.04.A.3: Please confirm that the words “except for the spiral” should be removed as the spiral is to be from 316 stainless steel.	Confirmed.
11440 – 2.04.B.4: Please advise if the vent connection is not needed as the unit is located outdoors and the drawings do not show a vent connection on the unit.	The vent connection is not needed.
11440 – 2.04.F: Dwgs S-7 & M-2 depict a discharge chute or Neoprene boot at the solids discharge of this unit that is not specified herein. What is required at the solids discharge?	The discharge chute is specified under Section 11440 2.04 F. “The discharge section shall be an open rectangular discharge section transitioning to the discharge chute. The cross sectional expansion of this area allows the material to freely fall away from the spiral shaft. The discharge chute bolted to the underside of the outlet section shall be engineered polymer or stainless steel.”
11440 – 2.04.H.4: Please advise if the screen motor is to be TEFC per this paragraph, suitable for a Class I, Division 2 hazardous area per Dwg E-13, Note 1, or explosion proof suitable for a Class I, Division 1 hazardous area per Section 11220 - Electric Motor Schedule.	Motor should be suitable for Class 1 Div 2 since it is not enclosed.

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

11440 – 2.05.A.1: Please advise if the screen control panel is to be NEMA4X 304SS per this paragraph or NEMA 4X 316SS per Section 16000-1.4.A and Dwg E-13, Note 1.	NEMA 4X 316SS
11440 – 2.05.D: Please advise if the local Estop is to be NEMA 4X polycarbonate, and therefore located outside of the hazardous area, as stated in this paragraph or should it be NEMA 4X 316SS suitable for a Class I, Division 2 hazardous area, which can be located within 5 feet of the unit per Dwg E-13, Note 1.	NEMA 4X 316 IS NOT explosion proof, and must be outside of 5 ft boundary.

Plan Sheets

Dwg E-13: Please confirm that the "SYSTEM CONTROL PANEL" located near the screen's solids discharge is the screen main control panel. Will this panel be located outside the hazardous area? Will it be located in the shade or direct sun?

Answer:

Specifications: See table above

Plan Sheets

Dwg E-13: Yes, panel will be located outside the hazardous area. Direct sun 4X 316 SS (door-in-door construction).

- h. ***Question:*** We seek clarification regarding the interpretation of the Maximum Required Pressure of 11.7 PSI, as specified in Section 11600, Paragraph 1.08.A.8. This value (11.7 PSI) is based on the Normal System Pressure of 7.0 PSI, plus an additional 4.7 PSI to facilitate moisture purging, allow for solids settling, and accommodate potential diffuser fouling over time.

The Air Diffusion Systems fine bubble aeration requires that 3,645 SCFM is delivered at the Maximum Required Pressure of 11.7 PSI. Additionally, the turbo compressors must be capable of supplying 4,500 SCFM at the Normal System Pressure of 7.0 PSI as indicated in Paragraph 1.08.B.

This clarification request is intended to prevent any misinterpretation of the Answer to Question N in Addendum 3, and to confirm that the turbo compressors are correctly sized for the aeration system's operational airflow and pressure requirements.

Answer: Proposed clarification is confirmed.

- i. ***Question:*** Request for Information regarding Addendum 3 Paragraph B.1.r – harmonic filter type change. Section 11610, 2.07.C, "Each VFD shall be supplied with an active harmonic filter that reduces the THD (Total Harmonic Distortion) in compliance with IEEE 519 rating. The harmonic filters shall have built-in line input reactors and be supplied by Mirus International or Manufacturer approved equal. Harmonic filter shall be mounted inside the blower enclosure."
We request approval to use a passive type harmonic filter in the blower enclosure instead of active type. Installing an active harmonic filter may require increasing the

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

blower enclosure footprint, which would alter the blower plans (M-4 & M-5). Additionally, active harmonic filters are not recommended for our equipment due to added control complexity and significant cost increase. Our design, which has been proven with over 1,500 turbo blower units in the US, is equipped with passive type harmonic filters that meet IEEE 519 harmonic mitigation requirements at the PCC. Please confirm to allow the passive harmonic filter configuration.

Answer: The was addressed in Addendum 3. Changes to Bid Documents B.1.r. PASSIVE was replaced with ACTIVE.

- j. **Question:** There is a conflict between the plans and the specifications regarding the conduit schedules. Addendum 3 defines PVC/RGS as PVC Coated RGS. The conduit schedules define many conduits that are routed underground as PVC/RGS. Do plans-specs dictate the use of PVC Coated RGS underground and in the duct banks? Please clarify the conduit schedule more clearly to differentiate between underground conduit requirements, riser conduit/coating requirements, and above ground conduit requirements.

Answer: All exposed conduits are PVC-coated RGS. For underground, use PVC, for above ground, use PVC-coated RGS.

- k. **Question:** Sheet C-1 reflects two catch basins with side openings being installed in Treatment Pond 2. These are diagrammatically shown to be installed in the slope of the pond walls. This Pond has an HDPE liner. There is a detail for these Catch Basins on sheet GC-2, although this detail does not reference how the HDPE liner is to tie-in to the installed catch basins. Is there a detail that Contractors should assume for how the HDPE liner connects, or is installed around the catch basins? Please advise.

Answer: There is a liner to concrete anchor detail on Drawing GC-3 detail 4.

- l. **Question:** Please clarify the following:

Non- Potable Water Pump System: Specification Section 11310.2.03.A. lists a pump duty point of 60GPM @ 160' TDH. Romtec Utilities design duty point previously coordinated with Dudek is 160GPM @ 160' TDH. Please confirm the correct duty point.

Non- Potable Water Pump System: Specification Section 11310.2.02.B.1. lists the required wet well ID as 6 inches. Please confirm that the wet well is supposed to be 6-foot ID per the Romtec Utilities system design.

Recirculation Pump System: Neither Specification Section 11900 nor Drawing M3 show a design duty point for the Recirculation Pump Station. Should Romtec Utilities use the duty point previously coordinated with Dudek of 75 GPM @ 12.7' TDH?

Answer:

- Confirm duty point at 160 GPM at 160 ft TDH.
- 6 feet diameter per Addendum 3.
- Confirm duty point of 75 GPM at 12.7 ft TDH.

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

- m. **Question:** Addendum 3 requires the Influent Wet Well to be lined with a plastic liner. Installation of a premanufactured plastic liner in a cast-in-place Wet Well is difficult and very costly. Would the City allow a field applied protective lining as an alternate? The Sancon 100, Raven 405, Sewpercoat or similar products are widely accepted for these type of facilities, and would be a cheaper option for the City, while providing similar corrosion protection and structural enhancement. Please advise.

Answer: Install the liner as specified.

- n. **Question:** I have requested you provide a Pipe Material Schedule for each service description i.e.
- Aeration Air Pipe Materials type and schedule above grade and below grade and delineate Change in Piping Material
 - Hot Water Pipe Materials type and schedule above grade and below grade and delineate Change in Piping Material
 - Treated Effluent Pipe Materials type and schedule above grade and below grade and delineate Change in Piping Material
 - Cold Water Pipe Materials type and schedule above grade and below grade and delineate Change in Piping Material
 - Industrial Wastewater Pipe Materials type and schedule above grade and below grade and delineate Change in Piping Material
 - Non-Potable Water Pipe Materials type and schedule above grade and below grade and delineate Change in Piping Material
 - Sewer Pipe Materials type and schedule above grade and below grade and delineate Change in Piping Material

Answer: Piping material transition location are shown on individual sections with the following symbol. This symbol is listed on Sheet G-5.

CHANGE IN PIPING MATERIAL 

Pipe material type and schedule are explained in Addendum 3 question 2s.

- n. **Question:** Please clarify and clearly state the requirements following
- The soils report state that areas to receive structural improvements should be subexcavated to a depth of 3 feet below mat subgrade grade elevation
 - Following subexcavation Place Mirafi 500X and brought back to subgrade with Class 2 Agg Base
 - Equipment Pads should be subexcavated 24 inches below bottom of slab
 - Roadways and pavement should be subexcavated 12" below subgrade

Answer:

- Areas to receive structural improvements should be subexcavated to a depth of 3 feet below mat subgrade grade elevation
- Following subexcavation Place Mirafi 500X and brought back to subgrade with Class 2 Agg Base.

City of Gonzales

ADDENDUM NO. 4 Industrial Wastewater Treatment Facility Project 02-19-2025

- Subexcavation for Equipment pads and roadways can be recompacted and do not require the same fabric and Class 2 AB as specified for structural improvements.
 - Equipment Pads should be subexcavated 24 inches below bottom of slab
 - Roadways and pavement should be subexcavated 12" below subgrade
- o. **Question:** Can you please clarify the following:

Reference Section: 00200 - Instructions to Bidders, Article 10.03.C.3

Please clarify what is meant by a "certified copy" of the bylaws or resolution of the Board of Directors. Is a notarial Jurat included with the resolution sufficient?

Answer: See 1b above. Proof of authorization shall be established (pursuant to Corporation Code Section 313) if one of the corporate officers listed in column A below and one of the corporate officers listed in column B below both sign the documents.

A		B
Chairman of the Board, or President, or Vice President	and	Secretary, or Assistant Secretary, or Chief Financial Officer, or Assistant Treasurer

For any other combination of signatures of corporate officers, a copy of the Board minutes, resolution or articles of incorporation may be submitted to prove that the individuals have the authority to bind the corporation. All signatures shall be notarized with a notary jurat.

3. Bid opening date remains the same: **February 26, 2024, at 2:00 pm** local time.

This Addendum has been sent to all "bidders of record". If there are questions regarding this addendum or bid, contact Megan Panofsky of MNS Engineers, Inc. via email at mpanofsky@mnsengineers.com.



Megan Panofsky, Program/Construction Manager

Bidders shall acknowledge receipt of the Addendum by signing and dating below and returning the Addendum with your sealed bid

Bidder's Authorized Representative

Date

End of Addendum 4

APPENDIX F

MONTEREY COUNTY WAGE DETERMINATIONS

(updated February 18, 2025)

"General Decision Number: CA20240018 12/20/2024

Superseded General Decision Number: CA20230018

State: California

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

Counties: Alameda, Calaveras, Contra Costa, Fresno, Kings, Madera, Mariposa, Merced, Monterey, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Stanislaus and Tuolumne Counties in California.

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$17.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2024.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/12/2024
2	01/19/2024
3	01/26/2024
4	02/09/2024
5	02/16/2024
6	02/23/2024
7	03/01/2024
8	03/08/2024
9	03/15/2024
10	04/12/2024
11	04/26/2024
12	05/24/2024
13	07/05/2024
14	07/12/2024
15	07/19/2024
16	07/26/2024
17	08/09/2024
18	08/23/2024
19	09/06/2024
20	09/13/2024
21	09/20/2024
22	10/18/2024
23	12/13/2024
24	12/20/2024

ASBE0016-004 05/01/2024

AREA 1: CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS & TOULMNE COUNTIES

AREA 2: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO & SANTA CLARA COUNTIES

Rates Fringes

Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not)

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

Area 1.....	\$ 34.56	11.40
Area 2.....	\$ 36.53	9.27

ASBE0016-008 01/01/2024

AREA 1: ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA, & SANTA CRUZ

AREA 2: CALAVERAS, COLUSA, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS, & TUOLUMNE

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, Protective Coverings, Coatings, and Finishes to all types of mechanical systems)		
Area 1.....	\$ 84.76	25.07
Area 2.....	\$ 64.56	25.07

BOIL0549-001 01/01/2021

AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO & SANTA CLARA COUNTIES

AREA 2: REMAINING COUNTIES

	Rates	Fringes
BOILERMAKER		
Area 1.....	\$ 49.62	41.27
Area 2.....	\$ 45.60	38.99

BRCA0003-001 08/01/2023

	Rates	Fringes
MARBLE FINISHER.....	\$ 41.18	18.58

BRCA0003-003 08/01/2023

	Rates	Fringes
MARBLE MASON.....	\$ 60.20	28.82

BRCA0003-005 05/01/2024

	Rates	Fringes
BRICKLAYER		
(1) Fresno, Kings, Madera, Mariposa, Merced....	\$ 51.17	25.80
(7) San Francisco, San Mateo.....	\$ 57.02	28.50
(8) Alameda, Contra Costa, San Benito, Santa Clara.....	\$ 56.94	26.28
(9) Calaveras, San Joaquin, Stanislaus,		

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

Toulumne.....	\$ 52.76	25.01
(16) Monterey, Santa Cruz...	\$ 54.18	27.82

BRCA0003-008 07/01/2023

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 43.90	19.51
TERRAZZO WORKER/SETTER.....	\$ 59.06	28.31

BRCA0003-011 04/01/2024

AREA 1: Alameda, Contra Costa, Monterey, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz

AREA 2: Calaveras, San Joaquin, Stanislaus, Tuolumne

AREA 3: Fresno, Kings, Madera, Mariposa, Merced

	Rates	Fringes
TILE FINISHER		
Area 1.....	\$ 37.75	19.28
Area 2.....	\$ 34.76	19.22
Area 3.....	\$ 32.68	18.32
Tile Layer		
Area 1.....	\$ 59.92	22.62
Area 2.....	\$ 55.17	22.52
Area 3.....	\$ 50.28	22.05

CARP0022-001 07/01/2023

San Francisco County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 60.39	33.52
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 60.54	33.52
Journeyman Carpenter.....	\$ 60.39	33.52
Millwright.....	\$ 60.49	35.11

CARP0034-001 07/01/2021

	Rates	Fringes
Diver		
Assistant Tender, ROV Tender/Technician.....	\$ 54.10	34.69
Diver standby.....	\$ 60.51	34.69
Diver Tender.....	\$ 59.51	34.69
Diver wet.....	\$ 103.62	34.69
Manifold Operator (mixed gas).....	\$ 64.51	34.69
Manifold Operator (Standby).....	\$ 59.51	34.69

DEPTH PAY (Surface Diving):

050 to 100 ft	\$2.00 per foot
101 to 150 ft	\$3.00 per foot
151 to 220 ft	\$4.00 per foot
221 ft.-deeper	\$5.00 per foot

SATURATION DIVING:

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

DIVING IN ENCLOSURES:

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

WORK IN COMBINATION OF CLASSIFICATIONS:

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

 CARP0034-003 07/01/2021

	Rates	Fringes
Piledriver.....	\$ 54.10	34.69

CARP0035-007 07/01/2020

AREA 1: Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara counties

AREA 2: Monterey, San Benito, Santa Cruz Counties

AREA 3: Calaveras, Fresno, Kings, Madera, Mariposa, Merced, San Joaquin, Stanislaus, Tuolumne Counties

	Rates	Fringes
Modular Furniture Installer		
Area 1		
Installer.....	\$ 28.76	22.53
Lead Installer.....	\$ 32.21	23.03
Master Installer.....	\$ 36.43	23.03
Area 2		
Installer.....	\$ 26.11	22.53
Lead Installer.....	\$ 29.08	23.03
Master Installer.....	\$ 32.71	23.03
Area 3		
Installer.....	\$ 25.16	22.53
Lead Installer.....	\$ 27.96	23.03
Master Installer.....	\$ 31.38	23.03

CARP0035-008 08/01/2020

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

AREA 1: Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara counties

AREA 2: Monterey, San Benito, Santa Cruz Counties

AREA 3: San Joaquin

AREA 4: Calaveras, Fresno, Kings, Madera, Mariposa, Merced, Stanislaus, Tuolumne Counties

	Rates	Fringes
Drywall Installers/Lathers:		
Area 1.....	\$ 52.65	31.26
Area 2.....	\$ 46.77	31.26
Area 3.....	\$ 47.27	31.26
Area 4.....	\$ 45.92	31.26
Drywall Stocker/Scrapper		
Area 1.....	\$ 26.33	18.22
Area 2.....	\$ 23.39	18.22
Area 3.....	\$ 23.64	18.22
Area 4.....	\$ 22.97	18.22

 CARP0152-001 07/01/2020

Contra Costa County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 52.80	30.82
Journeyman Carpenter.....	\$ 52.65	30.82
Millwright.....	\$ 52.75	32.41

 CARP0152-002 07/01/2020

San Joaquin County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 46.92	30.82
Journeyman Carpenter.....	\$ 46.77	30.82
Millwright.....	\$ 49.27	32.41

 CARP0152-004 07/01/2020

Calaveras, Mariposa, Merced, Stanislaus and Tuolumne Counties

Rates	Fringes
-------	---------

Carpenters

Bridge Builder/Highway Carpenter.....	\$ 52.65	30.82
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 45.57	30.82
Journeyman Carpenter.....	\$ 45.42	30.82
Millwright.....	\$ 47.92	32.41

CARP0217-001 07/01/2023

San Mateo County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 60.39	33.52
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 60.54	33.52
Journeyman Carpenter.....	\$ 60.39	33.52
Millwright.....	\$ 60.49	35.11

CARP0405-001 07/01/2021

Santa Clara County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 55.00	31.49
Journeyman Carpenter.....	\$ 54.85	31.49
Millwright.....	\$ 54.95	33.08

CARP0405-002 07/01/2021

San Benito County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 49.12	31.49
Journeyman Carpenter.....	\$ 48.97	31.49
Millwright.....	\$ 51.47	33.08

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

CARP0505-001 07/01/2021

Santa Cruz County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 49.12	31.49
Journeyman Carpenter.....	\$ 48.97	31.49
Millwright.....	\$ 51.47	33.08

 CARP0605-001 07/01/2021

Monterey County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 49.12	31.49
Journeyman Carpenter.....	\$ 48.97	31.49
Millwright.....	\$ 51.47	33.08

 CARP0701-001 07/01/2021

Fresno and Madera Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 47.77	31.49
Journeyman Carpenter.....	\$ 47.62	31.49
Millwright.....	\$ 50.12	33.08

 CARP0713-001 07/01/2021

Alameda County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold &		

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

Steel Shoring Erector, Saw Filer.....	\$ 55.00	31.49
Journeyman Carpenter.....	\$ 54.85	31.49
Millwright.....	\$ 54.95	33.08

CARP1109-001 07/01/2021

Kings County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 54.85	31.49
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 47.77	31.49
Journeyman Carpenter.....	\$ 47.62	31.49
Millwright.....	\$ 50.12	33.08

ELEC0006-004 11/01/2023

SAN FRANCISCO COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 51.68	3%+24.65
Technician.....	\$ 59.43	3%+24.65

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

ELEC0006-007 06/01/2024

SAN FRANCISCO COUNTY

	Rates	Fringes
ELECTRICIAN.....	\$ 91.25	3%+45.315

ELEC0100-002 06/01/2024

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 45.00	29.15

* ELEC0100-005 12/01/2024

FRESNO, KINGS, MADERA

	Rates	Fringes
Communications System		
Installer.....	\$ 45.28	28.01
Technician.....	\$ 52.07	28.21

SCOPE OF WORK

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

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS

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

B. FIRE ALARM SYSTEMS Installation, wire pulling and testing

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

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

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition) PCM (Pulse Code Modulation) Inventory Control Systems, Digital Data Systems Broadband and Baseband and Carriers Point of Sale Systems, VSAT Data Systems Data Communication Systems RF and Remote Control Systems, Fiber Optic Data Systems

WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition)

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

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

 ELEC0234-001 12/25/2023

MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES

	Rates	Fringes
ELECTRICIAN		
Zone A.....	\$ 65.16	29.55
Zone B.....	\$ 71.68	29.75

Zone A: All of Santa Cruz, Monterey, and San Benito Counties within 25 air miles of Highway 1 and Dolan Road in Moss Landing, and an area extending 5 miles east and west of Highway 101 South to the San Luis Obispo County Line

Zone B: Any area outside of Zone A

 ELEC0234-003 12/01/2021

MONTEREY, SAN BENITO, AND SANTA CRUZ COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 47.93	24.09
Technician.....	\$ 55.12	24.30

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

 ELEC0302-001 02/27/2023

CONTRA COSTA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 68.92	32.67
ELECTRICIAN.....	\$ 61.26	32.44

 ELECO302-003 12/01/2023

CONTRA COSTA COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 48.44	27.60
Technician.....	\$ 55.71	27.82

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

 ELECO332-001 06/01/2024

SANTA CLARA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 100.25	46.72
ELECTRICIAN.....	\$ 87.17	46.33

FOOTNOTES: Work under compressed air or where gas masks are required, or work on ladders, scaffolds, stacks, "Bosun's chairs," or other structures and where the workers are not protected by permanent guard rails at a distance of 40 to 60 ft. from the ground or supporting structures: to be paid one and one-half times the straight-time rate of pay. Work on structures of 60 ft. or over (as described above): to be paid twice the straight-time rate of pay.

 ELECO332-003 12/01/2023

SANTA CLARA COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 53.18	27.745
Technician.....	\$ 61.16	27.985

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

 ELEC0595-001 06/01/2024

ALAMEDA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 84.18	3%+44.68
ELECTRICIAN.....	\$ 73.20	3%+44.68

 ELEC0595-002 06/01/2024

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 59.34	3%+30.48
ELECTRICIAN		
(1) Tunnel work.....	\$ 51.92	3%+30.48
(2) All other work.....	\$ 49.45	3%+30.48

 * ELEC0595-006 12/01/2024

ALAMEDA COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 56.68	3%+26.65
Technician.....	\$ 65.18	3%+26.65

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control

function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

* ELEC0595-008 12/01/2024

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
Communications System		
Installer.....	\$ 45.28	3%+26.65
Technician.....	\$ 52.07	3%+26.65

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

ELEC0617-001 06/01/2024

SAN MATEO COUNTY

	Rates	Fringes
ELECTRICIAN.....	\$ 82.00	48.05

ELEC0617-003 12/01/2023

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

SAN MATEO COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 53.18	27.75
Technician.....	\$ 61.16	27.98

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

 ELECO684-001 12/01/2024

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 48.50	30.09
CABLE SPLICER = 110% of Journeyman Electrician		

 ELECO684-004 12/01/2023

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES

	Rates	Fringes
Communications System		
Installer.....	\$ 42.48	27.42
Technician.....	\$ 48.85	27.62

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75'

above the lowest floor level having building access);
excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways
(including wire and cable pulling), on projects which
involve new or major remodel building construction, for
which the conductors for the fire alarm system are
installed in the conduit, shall be performed by the inside
electrician.

ELEC1245-001 06/01/2024

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	\$ 70.16	24.46
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	\$ 53.30	22.01
(3) Groundman.....	\$ 40.76	21.51
(4) Powderman.....	\$ 51.87	18.79

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

ELEV0008-001 01/01/2024

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 80.76	37.885+a+b

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

ENGI0003-001 06/28/2023

""AREA 1"" WAGE RATES ARE LISTED BELOW

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

SEE AREA DEFINITIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (AREA 1:)		
GROUP 1.....	\$ 60.72	31.03

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

GROUP 2.....	\$ 59.19	31.03
GROUP 3.....	\$ 57.71	31.03
GROUP 4.....	\$ 56.33	31.03
GROUP 5.....	\$ 55.06	31.03
GROUP 6.....	\$ 53.74	31.03
GROUP 7.....	\$ 52.60	31.03
GROUP 8.....	\$ 51.46	31.03
GROUP 8-A.....	\$ 49.25	31.03
OPERATOR: Power Equipment		
(Cranes and Attachments -		
AREA 1:)		
GROUP 1		
Cranes.....	\$ 52.30	31.15
Oiler.....	\$ 43.79	31.15
Truck crane oiler.....	\$ 46.08	31.15
GROUP 2		
Cranes.....	\$ 50.54	31.15
Oiler.....	\$ 42.83	31.15
Truck crane oiler.....	\$ 45.07	31.15
GROUP 3		
Cranes.....	\$ 48.80	31.15
Hydraulic.....	\$ 44.44	31.15
Oiler.....	\$ 42.55	31.15
Truck crane oiler.....	\$ 44.83	31.15
GROUP 4		
Cranes.....	\$ 45.76	31.15
OPERATOR: Power Equipment		
(Piledriving - AREA 1:)		
GROUP 1		
Lifting devices.....	\$ 52.64	31.15
Oiler.....	\$ 43.38	31.15
Truck Crane Oiler.....	\$ 45.66	31.15
GROUP 2		
Lifting devices.....	\$ 50.82	31.15
Oiler.....	\$ 43.11	31.15
Truck Crane Oiler.....	\$ 45.41	31.15
GROUP 3		
Lifting devices.....	\$ 49.14	31.15
Oiler.....	\$ 42.89	31.15
Truck Crane Oiler.....	\$ 45.12	31.15
GROUP 4		
Lifting devices.....	\$ 47.37	31.15
GROUP 5		
Lifting devices.....	\$ 44.73	31.15
GROUP 6		
Lifting devices.....	\$ 42.50	31.15
OPERATOR: Power Equipment		
(Steel Erection - AREA 1:)		
GROUP 1		
Cranes.....	\$ 53.27	31.15
Oiler.....	\$ 43.72	31.15
Truck Crane Oiler.....	\$ 45.95	31.15
GROUP 2		
Cranes.....	\$ 51.50	31.15
Oiler.....	\$ 43.45	31.15
Truck Crane Oiler.....	\$ 45.73	31.15
GROUP 3		
Cranes.....	\$ 50.02	31.15
Hydraulic.....	\$ 45.07	31.15
Oiler.....	\$ 43.23	31.15
Truck Crane Oiler.....	\$ 45.46	31.15
GROUP 4		
Cranes.....	\$ 48.00	31.15

GROUP 5		
Cranes.....	\$ 46.70	31.15
OPERATOR: Power Equipment		
(Tunnel and Underground Work		
- AREA 1:)		
SHAFTS, STOPES, RAISES:		
GROUP 1.....	\$ 56.82	31.03
GROUP 1-A.....	\$ 59.29	31.03
GROUP 2.....	\$ 55.56	31.03
GROUP 3.....	\$ 54.23	31.03
GROUP 4.....	\$ 53.09	31.03
GROUP 5.....	\$ 51.95	31.03
UNDERGROUND:		
GROUP 1.....	\$ 56.72	31.03
GROUP 1-A.....	\$ 59.19	31.03
GROUP 2.....	\$ 55.46	31.03
GROUP 3.....	\$ 54.13	31.03
GROUP 4.....	\$ 52.99	31.03
GROUP 5.....	\$ 51.85	31.03

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

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

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

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

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

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull- type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels,

etc.); Rubber-tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed construction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

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

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom-type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

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

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

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

ALL CRANES AND ATTACHMENTS

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

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

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under;

GROUP 4: Boom Truck or dual purpose A-frame truck, non-rotating over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) over 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons;

PILEDRIVERS

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

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

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under;

Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

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

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

STEEL ERECTORS

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

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

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

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

GROUP 5: Boom cat

--

TUNNEL AND UNDERGROUND WORK

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

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

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

GROUP 3: Drill doctor; Mine or shaft hoist

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

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

AREA DESCRIPTIONS:

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

AREA 1: ALAMEDA, CALAVERAS, CONTRA COSTA, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ,

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

STANISLAUS, TUOLUMNE
 AREA 2 -NOTED BELOW

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

CALAVERAS COUNTY:
 Area 1: Remainder
 Area 2: Eastern Part

FRESNO COUNTY:
 Area 1: Remainder
 Area 2: Eastern Part

MADERA COUNTY:
 Area 1: Remainder
 Area 2: Eastern Part

MARIPOSA COUNTY:
 Area 1: Remainder
 Area 2: Eastern Part

MONTEREY COUNTY:
 Area 1: Remainder
 Area 2: Southwestern part

TUOLUMNE COUNTY:
 Area 1: Remainder
 Area 2: Eastern Part

 ENGI0003-008 08/01/2024

	Rates	Fringes
Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:)		
AREA 1:		
(1) Leverman.....	\$ 60.61	39.55
(2) Dredge Dozer; Heavy duty repairman.....	\$ 55.65	39.55
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 54.53	39.55
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..	\$ 51.23	39.55
AREA 2:		
(1) Leverman.....	\$ 62.61	39.55
(2) Dredge Dozer; Heavy duty repairman.....	\$ 57.65	39.55
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 56.53	39.55
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..	\$ 53.23	39.55

AREA DESCRIPTIONS

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

AREA 2: MODOC COUNTY

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

ALPINE COUNTY:

Area 1: Northernmost part

Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Remainder

Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part

Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part

Area 2: Remainder

FRESNO COUNTY:

Area 1: Remainder

Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part

Area 2: Remainder

LASSEN COUNTY:

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

Area 2: Remainder

MADERA COUNTY:

Area 1: Except Eastern part

Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Except Eastern part

Area 2: Eastern part

MONTERREY COUNTY

Area 1: Except Southwestern part

Area 2: Southwestern part

NEVADA COUNTY:

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

Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion

Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion

Area 2: Remainder

SHASTA COUNTY:

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

SIERRA COUNTY:

Area 1: Western part
 Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part
 Area 2: Remainder

SONOMA COUNTY:

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

TEHAMA COUNTY:

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

TRINITY COUNTY:

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

TUOLUMNE COUNTY:

Area 1: Except Eastern part
 Area 2: Eastern part

 ENGI0003-019 07/01/2024

SEE AREA DESCRIPTIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment		
(LANDSCAPE WORK ONLY)		
GROUP 1		
AREA 1.....	\$ 52.40	28.52
AREA 2.....	\$ 54.40	28.52
GROUP 2		
AREA 1.....	\$ 48.80	28.52
AREA 2.....	\$ 50.80	28.52
GROUP 3		
AREA 1.....	\$ 44.19	28.52
AREA 2.....	\$ 46.19	28.52

GROUP DESCRIPTIONS:

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

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

Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

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

AREA DESCRIPTIONS:

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

AREA 2 - MODOC COUNTY

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

ALPINE COUNTY:

Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part
Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part
Area 2: Remainder

HUMBOLDT COUNTY:

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

LAKE COUNTY:

Area 1: Southern part
Area 2: Remainder

LASSEN COUNTY:

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

MADERA COUNTY

Area 1: Remainder
Area 2: Eastern part

MARIPOSA COUNTY
Area 1: Remainder
Area 2: Eastern part

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

MONTEREY COUNTY
Area 1: Remainder
Area 2: Southwestern part

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

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

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

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

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

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

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

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

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

TULARE COUNTY;
Area 1: Remainder
Area 2: Eastern part

TUOLUMNE COUNTY:
Area 1: Remainder
Area 2: Eastern Part

IRON0377-001 01/01/2024

ALAMEDA, CONTRA COSTA, SAN MATEO, SANTA CLARA COUNTIES

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 42.53	26.26
Ornamental, Reinforcing and Structural.....	\$ 52.08	34.90

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

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

\$4.00 additional per hour at the following locations:

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

\$2.00 additional per hour at the following locations:

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

IRON0377-003 01/01/2024

SAN FRANCISCO CITY and COUNTY

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 42.53	26.26
Ornamental, Reinforcing and Structural.....	\$ 52.58	34.90

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

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

\$4.00 additional per hour at the following locations:

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

\$2.00 additional per hour at the following locations:

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

IRON0433-005 01/01/2024

REMAINING COUNTIES

	Rates	Fringes
IRONWORKER		
Fence Erector.....	\$ 42.53	26.26
Ornamental, Reinforcing and Structural.....	\$ 47.45	34.90

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

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

\$4.00 additional per hour at the following locations:

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

\$2.00 additional per hour at the following locations:

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

LABO0067-006 07/01/2024

AREA "1" - ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA "2" - CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, STANISLAUS, AND TUOLUMNE COUNTIES

	Rates	Fringes
LABORER (ASBESTOS/MOLD/LEAD LABORER)		
Area 1.....	\$ 37.75	29.69
Area 2.....	\$ 36.75	29.69

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

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

LABO0073-002 07/01/2023

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 36.26	27.30
Traffic Control Person I....	\$ 36.56	27.30
Traffic Control Person II...	\$ 34.06	27.30

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

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

LABO0073-003 07/01/2023

SAN JOAQUIN COUNTY

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 36.29	25.55

LABO0073-005 06/26/2023

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 45.89	27.72
GROUP 2.....	\$ 45.66	27.72
GROUP 3.....	\$ 45.41	27.72
GROUP 4.....	\$ 44.96	27.72
GROUP 5.....	\$ 44.42	27.72
Shotcrete Specialist.....	\$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and

spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0073-007 06/26/2023

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS)		
Construction Specialist		
Group.....	\$ 36.20	27.30
GROUP 1.....	\$ 35.50	27.30
GROUP 1-a.....	\$ 35.72	27.30
GROUP 1-c.....	\$ 35.55	27.30
GROUP 1-e.....	\$ 36.05	27.30
GROUP 1-f.....	\$ 30.37	23.20
GROUP 2.....	\$ 35.35	27.30
GROUP 3.....	\$ 35.25	27.30
GROUP 4.....	\$ 28.94	27.30

See groups 1-b and 1-d under laborer classifications.

LABORER (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS)		
(1) New Construction.....	\$ 35.25	27.30
(2) Establishment Warranty Period.....	\$ 28.94	27.30

LABORER (GUNITE)		
GROUP 1.....	\$ 36.46	27.30
GROUP 2.....	\$ 35.96	27.30
GROUP 3.....	\$ 35.37	27.30
GROUP 4.....	\$ 35.25	27.30

LABORER (WRECKING)		
GROUP 1.....	\$ 35.50	27.30
GROUP 2.....	\$ 35.35	27.30

FOOTNOTES:

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

LABORER CLASSIFICATIONS

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

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2

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

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

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

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

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$.25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the

depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

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

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

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

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

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

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

GUNITE LABORER CLASSIFICATIONS

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

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0073-009 07/01/2023

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
LABORER (Plaster Tender).....	\$ 39.77	28.54

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO0261-003 07/01/2023

SAN FRANCISCO AND SAN MATEO COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 37.26	27.30
Traffic Control Person I....	\$ 37.56	27.30
Traffic Control Person II...	\$ 35.06	27.30

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

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

LABO0261-005 06/26/2023

SAN FRANCISCO AND SAN MATEO COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 45.89	27.72
GROUP 2.....	\$ 45.66	27.72
GROUP 3.....	\$ 45.41	27.72
GROUP 4.....	\$ 44.96	27.72
GROUP 5.....	\$ 44.42	27.72
Shotcrete Specialist.....	\$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High

pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0261-009 06/26/2023

SAN FRANCISCO, AND SAN MATEO COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT		
LABORERS - AREA A:)		
Construction Specialist		
Group.....	\$ 37.20	27.30
GROUP 1.....	\$ 36.50	27.30
GROUP 1-a.....	\$ 36.72	27.30
GROUP 1-c.....	\$ 36.55	27.30
GROUP 1-e.....	\$ 37.05	27.30
GROUP 1-f.....	\$ 31.37	23.20
GROUP 2.....	\$ 36.35	27.30
GROUP 3.....	\$ 36.25	27.30
GROUP 4.....	\$ 29.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS,		
HORTICULTURAL & LANDSCAPE		
LABORERS - AREA A:)		
(1) New Construction.....	\$ 36.25	27.30
(2) Establishment Warranty		
Period.....	\$ 29.94	27.30
LABORER (WRECKING - AREA A:)		
GROUP 1.....	\$ 36.50	27.30
GROUP 2.....	\$ 36.35	27.30
Laborers: (GUNITE - AREA A:)		
GROUP 1.....	\$ 37.46	27.30
GROUP 2.....	\$ 36.96	27.30
GROUP 3.....	\$ 36.37	27.30
GROUP 4.....	\$ 36.25	27.30

FOOTNOTES:

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

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work;

Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

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

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

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

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

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

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

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

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

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

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

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:
 A: at demolition site for the salvage of the material.
 B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
 C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

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

 GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunitite laborer

 WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

 LABO0261-011 07/01/2023

SAN FRANCISCO AND SAN MATEO COUNTIES:

	Rates	Fringes
MASON TENDER, BRICK.....	\$ 37.05	27.45

FOOTNOTES: Underground work such as sewers, manholes, catch basins, sewer pipes, telephone conduits, tunnels and cut trenches: \$5.00 per day additional. Work in live sewage: \$2.50 per day additional.

 LABO0261-014 07/01/2023

SAN FRANCISCO AND SAN MATEO COUNTIES:

	Rates	Fringes
PLASTER TENDER.....	\$ 41.93	30.32

Work on a swing stage scaffold: \$1.00 per hour additional.

 LABO0270-003 07/01/2023

AREA A: SANTA CLARA

AREA B: MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person		
Area A.....	\$ 37.26	27.30
Area B.....	\$ 36.26	27.30
Traffic Control Person I		
Area A.....	\$ 37.56	27.30
Area B.....	\$ 36.56	27.30
Traffic Control Person II		
Area A.....	\$ 35.06	27.30
Area B.....	\$ 34.06	27.30

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash

cushions, construction area and roadside signage.

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

LABO0270-004 06/26/2023

MONTEREY, SAN BENITO, SANTA CLARA, AND SANTA CRUZ COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 45.89	27.72
GROUP 2.....	\$ 45.66	27.72
GROUP 3.....	\$ 45.41	27.72
GROUP 4.....	\$ 44.96	27.72
GROUP 5.....	\$ 44.42	27.72
Shotcrete Specialist.....	\$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0270-005 07/01/2023

MONTEREY AND SAN BENITO COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 36.29	25.55

LABO0270-007 06/26/2023

MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES

Rates Fringes

LABORER (CONSTRUCTION CRAFT
LABORERS - AREA B)

Construction Specialist		
Group.....	\$ 36.20	27.30
GROUP 1.....	\$ 35.50	27.30
GROUP 1-a.....	\$ 35.72	27.30
GROUP 1-c.....	\$ 35.55	27.30
GROUP 1-e.....	\$ 36.05	27.30
GROUP 1-f.....	\$ 36.08	27.30
GROUP 2.....	\$ 35.35	27.30
GROUP 3.....	\$ 35.25	27.30
GROUP 4.....	\$ 28.94	27.30

See groups 1-b and 1-d under laborer classifications.

LABORER (GARDENERS,
HORTICULTURAL & LANDSCAPE
LABORERS - AREA B)

(1) New Construction.....	\$ 35.25	27.30
(2) Establishment Warranty Period.....	\$ 28.94	27.30

LABORER (GUNITE - AREA B)

GROUP 1.....	\$ 36.46	27.30
GROUP 2.....	\$ 35.96	27.30
GROUP 3.....	\$ 35.37	27.30
GROUP 4.....	\$ 35.25	27.30

LABORER (WRECKING - AREA B)

GROUP 1.....	\$ 35.50	27.30
GROUP 2.....	\$ 35.35	27.30

FOOTNOTES:

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

LABORER CLASSIFICATIONS

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

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting,

whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

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

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

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

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$.25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

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

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

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work);

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

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

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

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

GUNITE LABORER CLASSIFICATIONS

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

WRECKING WORK LABORER CLASSIFICATIONS

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

LAB00270-010 06/26/2023

SANTA CLARA COUNTY

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT		
LABORERS - AREA A:)		
Construction Specialist		
Group.....	\$ 37.20	27.30
GROUP 1.....	\$ 36.50	27.30
GROUP 1-a.....	\$ 36.72	27.30
GROUP 1-c.....	\$ 36.55	27.30
GROUP 1-e.....	\$ 37.05	27.30
GROUP 1-f.....	\$ 37.08	27.30
GROUP 2.....	\$ 36.35	27.30
GROUP 3.....	\$ 36.25	27.30
GROUP 4.....	\$ 29.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS,		
HORTICULTURAL & LANDSCAPE		
LABORERS - AREA A:)		
(1) New Construction.....	\$ 36.25	27.30
(2) Establishment Warranty		
Period.....	\$ 29.94	27.30
LABORER (GUNITE - AREA A:)		
GROUP 1.....	\$ 37.46	27.30
GROUP 2.....	\$ 36.96	27.30
GROUP 3.....	\$ 36.37	27.30
GROUP 4.....	\$ 36.25	27.30
LABORER (WRECKING - AREA A:)		
GROUP 1.....	\$ 36.50	27.30
GROUP 2.....	\$ 36.35	27.30

FOOTNOTES:

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

LABORER CLASSIFICATIONS

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

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and bucket; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic

and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

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

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

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

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$.25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

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

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

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

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

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

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

GUNITE LABORER CLASSIFICATIONS

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

WRECKING WORK LABORER CLASSIFICATIONS

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

LAB00270-011 07/01/2023

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

MONTEREY, SAN BENITO, SANTA CRUZ, SANTA CLARA COUNTIES

	Rates	Fringes
LABORER (Plaster Tender).....	\$ 40.68	29.68

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO0294-001 07/01/2023

FRESNO, KINGS AND MADERA COUNTIES

	Rates	Fringes
LABORER (Brick)		
Mason Tender-Brick.....	\$ 36.29	25.55

LABO0294-002 07/01/2023

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 36.26	27.30
Traffic Control Person I....	\$ 36.56	27.30
Traffic Control Person II...	\$ 34.06	27.30

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

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

LABO0294-005 06/26/2023

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 45.89	27.72
GROUP 2.....	\$ 45.66	27.72
GROUP 3.....	\$ 45.41	27.72
GROUP 4.....	\$ 44.96	27.72
GROUP 5.....	\$ 44.42	27.72
Shotcrete Specialist.....	\$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High

pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0294-008 06/26/2023

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT		
LABORERS - AREA B:)		
Construction Specialist		
Group.....	\$ 36.20	27.30
GROUP 1.....	\$ 35.50	27.30
GROUP 1-a.....	\$ 35.72	27.30
GROUP 1-c.....	\$ 35.55	27.30
GROUP 1-e.....	\$ 36.05	27.30
GROUP 1-f.....	\$ 36.08	27.30
GROUP 2.....	\$ 35.35	27.30
GROUP 3.....	\$ 35.25	27.30
GROUP 4.....	\$ 28.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS,		
HORTICULTURAL & LANDSCAPE		
LABORERS - AREA B:)		
(1) New Construction.....	\$ 35.25	27.30
(2) Establishment Warranty		
Period.....	\$ 28.94	27.30
LABORER (GUNITE - AREA B:)		
GROUP 1.....	\$ 36.46	27.30
GROUP 2.....	\$ 35.96	27.30
GROUP 3.....	\$ 35.37	27.30
GROUP 4.....	\$ 35.25	27.30
LABORER (WRECKING - AREA B:)		
GROUP 1.....	\$ 35.50	27.30
GROUP 2.....	\$ 35.35	27.30

FOOTNOTES:

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

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work;

Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

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

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

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

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

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

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

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

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

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

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

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

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

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunitite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0294-010 07/01/2023

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE

	Rates	Fringes
Plasterer tender.....	\$ 39.77	28.54
Work on a swing stage scaffold: \$1.00 per hour additional.		

LABO0294-011 07/01/2023

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
LABORER (Plaster Tender).....	\$ 39.77	28.54
Work on a swing stage scaffold: \$1.00 per hour additional.		

LABO0304-002 07/01/2023

ALAMEDA COUNTY

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 37.26	27.30
Traffic Control Person I....	\$ 37.56	27.30
Traffic Control Person II...	\$ 35.06	27.30

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

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

LABO0304-003 06/26/2023

ALAMEDA COUNTY

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 45.89	27.72
GROUP 2.....	\$ 45.66	27.72
GROUP 3.....	\$ 45.41	27.72
GROUP 4.....	\$ 44.96	27.72
GROUP 5.....	\$ 44.42	27.72
Shotcrete Specialist.....	\$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0304-004 06/26/2023

ALAMEDA COUNTY

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT		
LABORERS - AREA A:)		
Construction Specialist		
Group.....	\$ 37.20	27.30
GROUP 1.....	\$ 36.50	27.30
GROUP 1-a.....	\$ 36.72	27.30
GROUP 1-c.....	\$ 36.55	27.30
GROUP 1-e.....	\$ 37.05	27.30
GROUP 1-f.....	\$ 37.08	27.30
GROUP 2.....	\$ 36.35	27.30
GROUP 3.....	\$ 36.25	27.30
GROUP 4.....	\$ 29.94	27.30

See groups 1-b and 1-d under laborer classifications.

LABORER (GARDENERS,		
HORTICULTURAL & LANDSCAPE		
LABORERS - AREA A:)		
(1) New Construction.....	\$ 36.25	27.30
(2) Establishment Warranty		
Period.....	\$ 29.94	27.30
LABORER (GUNITES - AREA A:)		

GROUP 1.....	\$ 37.46	27.30
GROUP 2.....	\$ 36.96	27.30
GROUP 3.....	\$ 36.37	27.30
GROUP 4.....	\$ 36.25	27.30
LABORER (WRECKING - AREA A:)		
GROUP 1.....	\$ 36.50	27.30
GROUP 2.....	\$ 36.35	27.30

FOOTNOTES:

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

LABORER CLASSIFICATIONS

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

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

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143

and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

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

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

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$.25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

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

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

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

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

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:
 A: at demolition site for the salvage of the material.
 B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
 C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

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

GUNITE LABORER CLASSIFICATIONS

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

WRECKING WORK LABORER CLASSIFICATIONS

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

LABO0304-005 07/01/2023

ALAMEDA COUNTY

	Rates	Fringes
Brick Tender.....	\$ 37.05	27.45

FOOTNOTES: Work on jobs where heat-protective clothing is required: \$2.00 per hour additional. Work at grinders: \$.25 per hour additional. Manhole work: \$2.00 per day additional.

LABO0304-008 07/01/2023

ALAMEDA AND CONTRA COSTA COUNTIES:

	Rates	Fringes
Plasterer tender.....	\$ 41.93	30.32

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO0324-002 07/01/2023

CONTRA COSTA COUNTY

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 37.26	27.30
Traffic Control Person I....	\$ 37.56	27.30
Traffic Control Person II...	\$ 35.06	27.30

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

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

LAB00324-006 06/26/2023

CONTRA COSTA COUNTY

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 45.89	27.72
GROUP 2.....	\$ 45.66	27.72
GROUP 3.....	\$ 45.41	27.72
GROUP 4.....	\$ 44.96	27.72
GROUP 5.....	\$ 44.42	27.72
Shotcrete Specialist.....	\$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzle men

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LAB00324-012 06/26/2023

CONTRA COSTA COUNTY

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT		
LABORERS - AREA A:)		
Construction Specialist		
Group.....	\$ 37.20	27.30
GROUP 1.....	\$ 36.50	27.30
GROUP 1-a.....	\$ 36.72	27.30
GROUP 1-c.....	\$ 36.55	27.30
GROUP 1-e.....	\$ 37.05	27.30
GROUP 1-f.....	\$ 37.08	27.30
GROUP 1-g.....	\$ 36.70	27.30
GROUP 2.....	\$ 36.35	27.30
GROUP 3.....	\$ 36.25	27.30
GROUP 4.....	\$ 29.94	27.30
See groups 1-b and 1-d under laborer classifications.		
LABORER (GARDENERS,		
HORTICULURAL & LANDSCAPE		
LABORERS - AREA A:)		
(1) New Construction.....	\$ 36.25	27.30
(2) Establishment Warranty		
Period.....	\$ 29.94	27.30
LABORER (GUNITE - AREA A:)		
GROUP 1.....	\$ 37.46	27.30
GROUP 2.....	\$ 36.96	27.30
GROUP 3.....	\$ 36.37	27.30
GROUP 4.....	\$ 36.25	27.30
LABORER (WRECKING - AREA A:)		
GROUP 1.....	\$ 36.50	27.30
GROUP 2.....	\$ 36.35	27.30

FOOTNOTES:

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

LABORER CLASSIFICATIONS

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

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches;

Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

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

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

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

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$.25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

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

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

or shot crete

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

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

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

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:
 A: at demolition site for the salvage of the material.
 B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
 C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

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

 GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Guniting laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

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

LABO0324-014 07/01/2023

CONTRA COSTA COUNTY:

	Rates	Fringes
Brick Tender.....	\$ 37.05	27.45

FOOTNOTES: Work on jobs where heat-protective clothing is required: \$2.00 per hour additional. Work at grinders: \$.25 per hour additional. Manhole work: \$2.00 per day additional.

LABO0324-018 07/01/2023

ALAMEDA AND CONTRA COSTA COUNTIES:

	Rates	Fringes
Plasterer tender.....	\$ 41.93	30.32

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO1130-002 07/01/2023

MARIPOSA, MERCED, STANISLAUS, AND TUOLUMNE COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 36.26	27.30
Traffic Control Person I....	\$ 36.56	27.30
Traffic Control Person II...\$	34.06	27.30

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

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

LABO1130-003 06/26/2023

MARIPOSA, MERCED, STANISLAUS, AND TUOLUMNE COUNTIES

	Rates	Fringes
--	-------	---------

Tunnel and Shaft Laborers:

GROUP 1.....	\$ 45.89	27.72
GROUP 2.....	\$ 45.66	27.72
GROUP 3.....	\$ 45.41	27.72
GROUP 4.....	\$ 44.96	27.72
GROUP 5.....	\$ 44.42	27.72
Shotcrete Specialist.....	\$ 46.41	27.72

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO1130-005 07/01/2023

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 36.29	25.55

LABO1130-007 06/26/2023

MARIPOSA, MERCED, STANISLAUS, AND TUOLUMNE , COUNTIES

	Rates	Fringes
LABORER (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist		
Group.....	\$ 36.20	27.30
GROUP 1.....	\$ 35.50	27.30
GROUP 1-a.....	\$ 35.72	27.30
GROUP 1-c.....	\$ 35.55	27.30
GROUP 1-e.....	\$ 36.05	27.30
GROUP 1-f.....	\$ 36.08	27.30
GROUP 2.....	\$ 35.35	27.30
GROUP 3.....	\$ 35.25	27.30
GROUP 4.....	\$ 28.94	27.30

See groups 1-b and 1-d under laborer classifications.

LABORER (GARDENERS,
HORTICULTURAL & LANDSCAPE
LABORERS - AREA B:)

(1) New Construction.....	\$ 35.25	27.30
(2) Establishment Warranty Period.....	\$ 28.94	27.30
LABORER (GUNITE - AREA B:)		
GROUP 1.....	\$ 36.46	27.30
GROUP 2.....	\$ 35.96	27.30
GROUP 3.....	\$ 35.37	27.30
GROUP 4.....	\$ 35.25	27.30
LABORER (WRECKING - AREA B:)		
GROUP 1.....	\$ 35.50	27.30
GROUP 2.....	\$ 35.35	27.30

FOOTNOTES:

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

LABORER CLASSIFICATIONS

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

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

chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

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

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

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

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$.25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

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

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

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

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

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:
A: at demolition site for the salvage of the material.
B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.
C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

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

GUNITE LABORER CLASSIFICATIONS

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

WRECKING WORK LABORER CLASSIFICATIONS

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

LABO1130-008 07/01/2023

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE

	Rates	Fringes
Plasterer tender.....	\$ 39.77	28.54

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO1130-009 07/01/2023

MARIPOSA, MERCED, STANISLAUS, AND TUOLUMNE COUNTIES

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

	Rates	Fringes
LABORER (Plaster Tender).....	\$ 39.77	28.54
Work on a swing stage scaffold: \$1.00 per hour additional.		

PAIN0016-001 01/01/2024		

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN MATEO, SANTA CLARA, AND SANTA CRUZ COUNTIES

	Rates	Fringes
Painters:.....	\$ 50.51	27.66
PREMIUMS:		

EXOTIC MATERIALS - \$1.25 additional per hour.
 SPRAY WORK: - \$0.50 additional per hour.
 INDUSTRIAL PAINTING - \$0.25 additional per hour
 [Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

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

 PAIN0016-003 01/01/2024
 AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO & SANTA CLARA COUNTIES
 AREA 2: CALAVERAS, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS & TUOLUMNE COUNTIES

	Rates	Fringes
Drywall Finisher/Taper		
AREA 1.....	\$ 60.41	31.34
AREA 2.....	\$ 56.28	29.94

PAIN0016-012 01/01/2024
 ALAMEDA, CONTRA COSTA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 59.00	33.03

PAIN0016-015 01/01/2024		

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE COUNTIES

	Rates	Fringes
--	-------	---------

Painter		
Brush.....	\$ 40.85	22.40

FOOTNOTES:

SPRAY/SANDBLAST: \$0.50 additional per hour.
 EXOTIC MATERIALS: \$1.25 additional per hour.
 HIGH TIME: Over 50 ft above ground or water level \$2.00 additional per hour. 100 to 180 ft above ground or water level \$4.00 additional per hour. Over 180 ft above ground or water level \$6.00 additional per hour.

 PAIN0016-022 01/01/2024

SAN FRANCISCO COUNTY

	Rates	Fringes
Painter.....	\$ 54.13	27.66

 PAIN0169-001 01/01/2023

FRESNO, KINGS, MADERA, MARIPOSA AND MERCED COUNTIES:

	Rates	Fringes
Glazier.....	\$ 44.33	28.88

 PAIN0169-005 01/01/2024

ALAMEDA CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA & SANTA CRUZ COUNTIES

	Rates	Fringes
Glazier.....	\$ 56.22	34.00

 PAIN0294-004 07/01/2023

FRESNO, KINGS AND MADERA COUNTIES

	Rates	Fringes
Painter		
Brush, Roller.....	\$ 34.49	21.80
Drywall Finisher/Taper.....	\$ 35.74	21.80

FOOTNOTE:

Spray Painters & Paperhangers receive \$1.00 additional per hour. Painters doing Drywall Patching receive \$1.25 additional per hour. Lead Abaters & Sandblasters receive \$1.50 additional per hour. High Time - over 30 feet (does not include work from a lift) \$0.75 per hour additional.

 PAIN0294-005 01/01/2023

FRESNO, KINGS & MADERA

	Rates	Fringes
--	-------	---------

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

SOFT FLOOR LAYER.....\$ 38.53 23.19

 PAIN0767-001 01/01/2024

CALAVERAS, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
GLAZIER.....	\$ 43.25	35.62

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

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

 PAIN1176-001 07/01/2022

HIGHWAY IMPROVEMENT

	Rates	Fringes
Parking Lot Striping/Highway Marking:		
GROUP 1.....	\$ 40.83	17.62
GROUP 2.....	\$ 34.71	17.62
GROUP 3.....	\$ 35.11	17.62

CLASSIFICATIONS

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

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

 PAIN1237-003 01/01/2024

CALAVERAS; SAN JOAQUIN COUNTIES; STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 48.54	26.59

 PLAS0066-002 07/01/2019

ALAMEDA, CONTRA COSTA, SAN MATEO AND SAN FRANCISCO COUNTIES:

	Rates	Fringes
PLASTERER.....	\$ 42.41	30.73

 PLAS0300-001 07/01/2018

	Rates	Fringes
--	-------	---------

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

PLASTERER

AREA 188: Fresno.....	\$ 32.70	31.68
AREA 224: San Benito, Santa Clara, Santa Cruz.....	\$ 32.88	31.68
AREA 295: Calaveras & San Joaquin Counties.....	\$ 32.70	31.68
AREA 337: Monterey County..	\$ 32.88	31.68
AREA 429: Mariposa, Merced, Stanislaus, Tuolumne Counties.....	\$ 32.70	31.68

PLAS0300-005 07/01/2016

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 32.15	23.27

PLUM0038-001 07/01/2023

SAN FRANCISCO COUNTY

	Rates	Fringes
PLUMBER (Plumber, Steamfitter, Refrigeration Fitter).....	\$ 85.50	48.98

PLUM0038-005 07/01/2023

SAN FRANCISCO COUNTY

	Rates	Fringes
Landscape/Irrigation Fitter (Underground/Utility Fitter).....	\$ 72.68	32.91

PLUM0062-001 07/01/2024

MONTEREY AND SANTA CRUZ COUNTIES

	Rates	Fringes
PLUMBER & STEAMFITTER.....	\$ 53.00	41.70

PLUM0159-001 07/01/2024

CONTRA COSTA COUNTY

	Rates	Fringes
Plumber and steamfitter (1) Refrigeration.....	\$ 65.28	48.04
(2) All other work.....	\$ 66.17	48.04

PLUM0246-001 07/01/2024

FRESNO, KINGS & MADERA COUNTIES

	Rates	Fringes
PLUMBER & STEAMFITTER.....	\$ 50.00	40.69

* PLUM0246-004 01/01/2017

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

FRESNO, MERCED & SAN JOAQUIN COUNTIES

	Rates	Fringes
PLUMBER (PIPE TRADESMAN).....	\$ 13.00 **	10.74

PIPE TRADESMAN SCOPE OF WORK:

Installation of corrugated metal piping for drainage, as well as installation of corrugated metal piping for culverts in connection with storm sewers and drains; Grouting, dry packing and diapering of joints, holes or chases including paving over joints, in piping; Temporary piping for dirt work for building site preparation; Operating jack hammers, pavement breakers, chipping guns, concrete saws and spades to cut holes, chases and channels for piping systems; Digging, grading, backfilling and ground preparation for all types of pipe to all points of the jobsite; Ground preparation including ground leveling, layout and planting of shrubbery, trees and ground cover, including watering, mowing, edging, pruning and fertilizing, the breaking of concrete, digging, backfilling and tamping for the preparation and completion of all work in connection with lawn sprinkler and landscaping; Loading, unloading and distributing materials at jobsite; Putting away materials in storage bins in jobsite secure storage area; Demolition of piping and fixtures for remodeling and additions; Setting up and tearing down work benches, ladders and job shacks; Clean-up and sweeping of jobsite; Pipe wrapping and waterproofing where tar or similar material is applied for protection of buried piping; Flagman

 PLUM0342-001 07/01/2023

ALAMEDA & CONTRA COSTA COUNTIES

	Rates	Fringes
PIPEFITTER		
CONTRA COSTA COUNTY.....	\$ 74.00	47.45
PLUMBER, PIPEFITTER, STEAMFITTER		
ALAMEDA COUNTY.....	\$ 74.00	47.45

 PLUM0355-004 07/01/2024

ALAMEDA, CALAVERAS, CONTRA COSTA, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, STANISLAUS, AND TUOLUMNE COUNTIES:

	Rates	Fringes
Underground Utility Worker /Landscape Fitter.....	\$ 34.51	18.30

 PLUM0393-001 07/01/2021

SAN BENITO AND SANTA CLARA COUNTIES

	Rates	Fringes
--	-------	---------

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

PLUMBER/PIPEFITTER.....\$ 68.76 46.63

 PLUM0442-001 07/01/2024

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE
 COUNTIES

	Rates	Fringes
PLUMBER & STEAMFITTER.....	\$ 54.05	36.99

 PLUM0467-001 07/01/2024

SAN MATEO COUNTY

	Rates	Fringes
Plumber/Pipefitter/Steamfitter...	\$ 83.75	40.65

 ROOF0027-002 01/01/2024

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
ROOFER.....	\$ 42.51	16.11

FOOTNOTE: Work with pitch, pitch base of pitch impregnated
 products or any material containing coal tar pitch, on any
 building old or new, where both asphalt and pitchers are
 used in the application of a built-up roof or tear off:
 \$2.00 per hour additional.

 ROOF0040-002 08/01/2024

SAN FRANCISCO & SAN MATEO COUNTIES:

	Rates	Fringes
ROOFER.....	\$ 55.30	22.97

 ROOF0081-001 08/01/2023

ALAMEDA AND CONTRA COSTA COUNTIES:

	Rates	Fringes
Roofer.....	\$ 52.47	22.31

 ROOF0081-004 08/01/2024

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND
 TUOLUMNE COUNTIES:

	Rates	Fringes
ROOFER.....	\$ 49.65	22.19

 ROOF0095-002 08/01/2023

INDUSTRIAL WASTEWATER TREATMENT FACILITY

APPENDIX F

MONTEREY, SAN BENITO, SANTA CLARA, AND SANTA CRUZ COUNTIES:

	Rates	Fringes
ROOFER		
Bitumastic, Enameler, Coal Tar, Pitch and Mastic worker.....	\$ 57.17	21.51
Journeyman.....	\$ 53.17	21.51
Kettle person (2 kettles)...	\$ 55.17	21.51

SFCA0483-001 08/01/2024		

ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES:

	Rates	Fringes
SPRINKLER FITTER (FIRE).....	\$ 79.13	38.51

SFCA0669-011 01/01/2024		

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
SPRINKLER FITTER.....	\$ 44.32	27.83

SHEE0104-001 07/01/2020		

AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO, SANTA CLARA

AREA 2: MONTEREY & SAN BENITO

AREA 3: SANTA CRUZ

	Rates	Fringes
SHEET METAL WORKER		
AREA 1:		
Mechanical Contracts under \$200,000.....	\$ 55.92	45.29
All Other Work.....	\$ 64.06	46.83
AREA 2.....	\$ 52.90	36.44
AREA 3.....	\$ 55.16	34.18

SHEE0104-003 07/01/2021		

CALAVERAS AND SAN JOAQUIN COUNTIES:

	Rates	Fringes
SHEET METAL WORKER.....	\$ 44.34	39.22

SHEE0104-005 07/01/2021		

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
SHEET METAL WORKER (Excluding metal deck and siding).....	\$ 41.28	45.41

SHEE0104-007 07/01/2021		

FRESNO, KINGS, AND MADERA COUNTIES:

	Rates	Fringes
SHEET METAL WORKER.....	\$ 44.07	40.79

SHEE0104-015 07/01/2020		

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES:

	Rates	Fringes
SHEET METAL WORKER (Metal Decking and Siding only).....	\$ 44.45	35.55

SHEE0104-018 07/01/2020		

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
Sheet metal worker (Metal decking and siding only).....	\$ 44.45	35.55

TEAM0094-001 07/01/2024		

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 41.54	33.25
GROUP 2.....	\$ 41.84	33.25
GROUP 3.....	\$ 42.14	33.25
GROUP 4.....	\$ 42.49	33.25
GROUP 5.....	\$ 42.84	33.25

FOOTNOTES:

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

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck

(when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

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

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

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

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

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

=====

** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

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

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio.

The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The "SU" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The "SA" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

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

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to

davisbaconinfo@dol.gov or by mail to:

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

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

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

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

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

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

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

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

=====

END OF GENERAL DECISION"

ADA GENERAL NOTES

SIGNS AND IDENTIFICATION

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS.

COLOR OF SYMBOL: THE SYMBOL SPECIFIED ABOVE SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595 B.

BRAILLE SYMBOLS: CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED. DOTS SHALL BE 1/10 INCH ON CENTERS IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCH ABOVE THE BACKGROUND.

PROPORTIONS: LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH TO HEIGHT BETWEEN 1:5 AND 1:10.

CHARACTER HEIGHTS: CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPERCASE 'X'. LOWERCASE CHARACTERS ARE PERMITTED, FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR, THE MINIMUM CHARACTER HEIGHT SHALL BE 3 INCHES.

CONTRAST OF SYMBOL: CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

RAISED CHARACTERS AND PICTORIAL SYMBOL SIGNS: WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:

- A. LETTER TYPE. LETTER AND NUMBERS ON SIGNS SHALL BE RAISED 1/32 INCH MINIMUM AND SHALL BE SAN-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
B. SYMBOL SIZE. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8 INCH HIGH.
C. PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6 INCH IN HEIGHT.

DOORS AND HARDWARE

ALL PRIMARY PUBLIC ENTRANCES TO BUILDINGS SHALL BE ACCESSIBLE TO THE DISABLED.

HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR.

LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATING BARS, OR BY OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.

LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.

MAXIMUM EFFORT TO OPERATE ACCESSIBLE DOORS: EXTERIOR DOORS: 8.5 LBS. INTERIOR DOORS: 5 LBS. FIRE RATED: 15 LBS.

THE BOTTOM 10" OF ALL ACCESSIBLE DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY WHEELCHAIR.

THRESHOLDS SHALL NOT EXCEED 1/2" IN HEIGHT.

PLANS PREPARED BY:



SANITARY FACILITIES

THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17" AND A MAXIMUM OF 19" MEASURED TO THE TOP OF THE TOILET SEAT.

FLUSH CONTROLS SHALL BE OPERABLE BY AN OSCILLATING HANDLE WITH A MAXIMUM OPERATING FORCE OF 5 LB. OR BY A REMOTE LOW VOLTAGE BUTTON. THE HANDLE OR BUTTON SHALL BE LOCATED SO THEY ARE OPERABLE WITHOUT REQUIRING EXCESSIVE BODY MOVEMENT.

FLUSH VALVE SHALL BE ON WIDE SIDE OF TOILET AREA. CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING.

HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LB. LEVER-OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET IS WITHIN THE ABOVE MENTIONED FORCE REQUIREMENTS.

GRAB BAR SHALL BE 1 1/4"-1 1/2" OR THE SHAPE PROVIDING EQUIVALENT GRIPPING SURFACE. CLEARANCE BETWEEN GRAB BAR AND WALL SHALL BE 1 1/2".

GRAB BAR SHALL BE SMOOTH. EDGES SHALL HAVE RADIUS OF 1/8" MINIMUM.

STRUCTURAL STRENGTH OF GRAB BAR SHALL SUPPORT A 250LB. POINT LOAD. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

SURFACE OF WALL ADJACENT TO GRAB BAR SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS.

OPERABLE PARTS(INCLUDING COIN SLOTS) OF ALL FIXTURES OR ACCESSORIES SHALL BE LOCATED A MAXIMUM OF 40" ABOVE FINISH FLOOR. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE 5LB. MAXIMUM.

GENERAL NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH 2022 EDITION OF THE CALIFORNIA CODE OF REGULATIONS (CCR) AND TITLE 24 (CALIFORNIA STANDARDS CODE):

- Part 2: The 2022 California Building Code (CBC)
Part 3: The 2022 California Electrical Code (CEC)
Part 4: The 2022 California Mechanical Code (CMC)
Part 5: The 2022 California Plumbing Code (CPC)
Part 6: The 2022 California Energy Code
Part 9: The 2022 California Fire Code (CFC)
Part 11: The 2022 California Green Building Standards Code (CALGreen)

ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THESE CODES AND OF ALL APPLICABLE LOCAL ORDINANCES. WHERE CONTRACT DOCUMENTS EXCEED THESE REQUIREMENTS WITHOUT VIOLATING CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE.

ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH WALL, U.N.O

ABBREVIATIONS THROUGHOUT THE PLANS ARE THOSE IN COMMON USE. THE ARCHITECT WILL DEFINE THE INTENT OF ANY ABBREVIATIONS IN QUESTION.

DURING CONSTRUCTION, AT LEAST ONE EXTINGUISHER SHALL BE PROVIDED ON EACH FLOOR LEVEL AT EACH STAIRWAY, IN ALL STORAGE AND CONSTRUCTION SHEDS, IN LOCATIONS WHERE FLAMMABLE OR COMBUSTIBLE LIQUIDS ARE STORED OR USED, AND WHERE OTHER SPECIAL HAZARDS ARE PRESENT PER CFC SECTION 3315.1

BUILDING UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITIONS SHALL CONFORM TO CFC CHAPTER 33. WELDING, CUTTING, AND OTHER HOT WORK SHALL BE IN CONFORMANCE WITH CFC CHAPTER 35.

THE EGRESS PATH SHALL REMAIN FREE AND CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES. NO STORAGE IS PERMITTED IN ANY EGRESS PATHS.

PROVIDE CONSTRUCTION WASTE MANAGEMENT PER 2022 CALGreen SECTION 5408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING. PROVIDE A COMPLETED COPY OF THE CITY OF SAN DIEGO CONSTRUCTION WASTE MANAGEMENT REPORT FORM

PROJECT DATA

OCCUPANCY: S-1
DESCRIPTION OF USE: ELECTRICAL
CONSTRUCTION TYPE: TYPE II-B
NON SPRINKLERED
BUILDING HEIGHT: 1 STORIES

BUILDING AREA CALCULATIONS:

Table with 4 columns: BUILDING, SQ. FT., OCC. LOAD FACTOR, OCC. LOAD. Rows for ELECTRICAL BUILDING, ELECTRICAL ROOM, and TOTAL.

OCCUPANCY: B
DESCRIPTION OF USE: OFFICE
CONSTRUCTION TYPE: TYPE II-B
NON SPRINKLERED
BUILDING HEIGHT: 1 STORIES

BUILDING AREA CALCULATIONS:

Table with 4 columns: BUILDING, SQ. FT., OCC. LOAD FACTOR, OCC. LOAD. Rows for OPERATIONS BUILDING, OPERATIONS, BREAK AREA, TOILET, and TOTAL.

OCCUPANCY: S-1
DESCRIPTION OF USE: STORAGE/WORK
CONSTRUCTION TYPE: TYPE II-B
NON SPRINKLERED
BUILDING HEIGHT: 1 STORIES

BUILDING AREA CALCULATIONS:

Table with 4 columns: BUILDING, SQ. FT., OCC. LOAD FACTOR, OCC. LOAD. Rows for STORAGE BUILDING, STORAGE/WORK, and TOTAL.

FIRE NOTES

ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH 2022 CALIFORNIA FIRE CODE (CFC).

EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. NO DEAD BOLTS, SURFACE BOLTS, SLIDING BOLTS OR OTHER LOCKING DEVICES ARE PERMITTED PER SECTION 1006

INTERIOR FINISHES SHALL COMPLY WITH CODES AS FOLLOWS: CFC TABLE 803.3 FOR WALL AND CEILING FINISH AND FINISH MATERIALS NOT TO EXCEED FLAME-SPREAD CLASSIFICATION PER CFC SECTION 803 AND 804

THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, WILL BE ILLUMINATED TO A LEVEL OF NOT LESS THAN ONE FOOT-CANDLE AT THE WALKING SURFACE AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED (SECTION 1008)

EXIT SIGNS AND EXIT ILLUMINATION SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED AT ALL TIMES AND SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM (BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR) THAT WILL AUTOMATICALLY ILLUMINATE THE EXIT SIGNS FOR A DURATION OF NOT LESS THAN 60 MINUTES. (SEC 1104)

PORTABLE FIRE EXTINGUISHER WITH A MINIMUM RATING SHALL BE PROVIDED PER SECTION 906

DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME-RETARDANT CONDITION. (CCR, TITLE 19, DIVISION 1, S1172)

FIRE STOPPING REQUIREMENT: ALL PENETRATIONS (INCLUDING EXISTING) THROUGH ALL WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC TO FIRE STOPS, A.S.T.M. E-814.

CAL-GREEN NOTES

- 1. ENTRY DOORS AND OPENINGS SHALL HAVE NON-ABSORBENT FLOOR AND WALL FINISHED WITHIN TWO FEET.
2. ADHESIVES SEALANT AND CAULKING SHALL COMPLY WITH THE REGIONAL AIR POLLUTION CONTROL OR AIR QUALITY MANAGEMENT DISTRICTS RULES OR SCD 1168 LIMITS AS SHOWN IN TABLES 5.504.4.1 AND 5.504.4.2 IN DIVISION 5.5 OF CALGREEN
3. AEROSOL ADHESIVE IN SMALL CONTAINERS LESS THAN 1 POUND AND NOT MORE THAN 16 FLUID OUNCES SHALL COMPLY WITH STATEWIDE VOC STANDARDS
4. DOCUMENTS TO BE PROVIDED AT THE REQUEST OF THE ENFORCING AGENCY; DOCUMENTS MAY INCLUDE: a. MANUFACTURING PRODUCT SPECIFICATION, b. FIELD VERIFICATION OF ON-SITE PRODUCT CONTAINERS
5. INSTALLATION OF HVAC, REFRIGERATION, AND FIRE SUPPRESSION EQUIPMENT SHALL COMPLY WITH SECTION 5.714.81.1 AND 5.714.81.2 ALL HVAC, REFRIGERATION AND FIRE SUPPRESSION EQUIPMENT TO BE INSTALLED DO NOT HAVE CFCs.

LEGEND

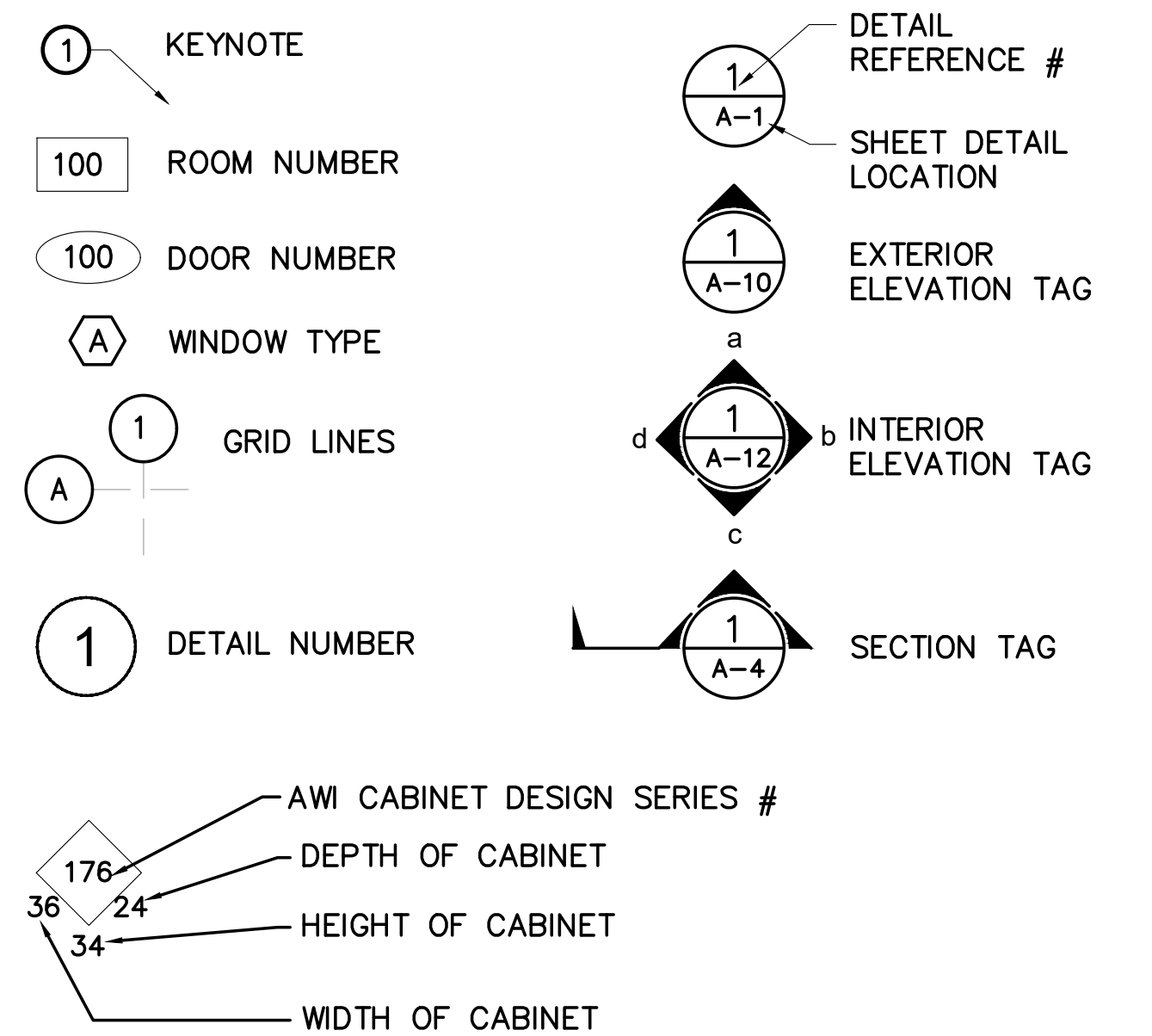
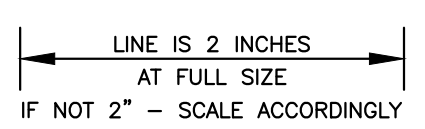
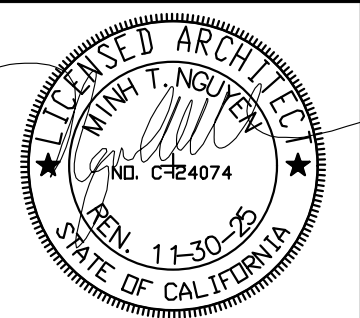


Table with columns: No., DATE, REVISIONS, APPROVED. Row 1: 2-12-25, ADDENDUM 3

UNDERGROUND SERVICE ALERT logo and text: CALL: TOLL FREE 1-800-227-2600

Table with columns: DESIGNED: MN, DRAWN: AR, CHECKED: MN, DATE: 10/2024, PROGRESS: FINAL SIGNED, SUBMITTAL DATE: NOVEMBER 2024, MINH NGUYEN, ARCHITECT, C 24074, LICENSE NO.



DUDEK logo and address: 605 Third Street Encinitas, CA 92024, 760.942.5147 Fax 760.942.4508

CITY OF GONZALES INDUSTRIAL WASTE WATER TREATMENT FACILITY OPERATIONS BUILDINGS GENERAL, ADA, FIRE, CAL-GREEN NOTES, LEGEND. JOB NO. PO# 6761, DRAWING NO. GA-1, SHEET NO. 30 OF 133

CODE COMPLIANCE NOTES		LEGEND AND SYMBOLS		ABBREVIATIONS		GENERAL NOTES	
		SYMBOL	DESCRIPTION	ABBREV.	DESCRIPTION		
1. BUILDING DRAIN AND VENT PIPING MATERIALS SHALL COMPLY WITH SECTIONS 701.0 AND 903.0 OF THE CALIFORNIA PLUMBING CODE. 2. ALL SANITARY SYSTEM MATERIALS SHALL BE LISTED BY AN APPROVED LISTING AGENCY. 3. EACH VENT SHALL RISE VERTICALLY TO A POINT NOT LESS THAN SIX (6) INCHES ABOVE THE FLOOD-LEVEL RIM OF THE FIXTURE SERVED BEFORE OFFSETTING HORIZONTALLY OR BEFORE BEING CONNECTED TO ANY OTHER VENT. 4. INSTANT HOT WATER HEATERS, PER PLUMBING SCHEDULE IS A LISTED, NON-STORAGE, INSTANTANEOUS HEATER HAVING AN INSIDE DIAMETER OF NOT MORE THAN 3 INCHES. 5. PIPE, TUBE, FITTINGS, SOLVENT CEMENT, THREAD SEALANTS, SOLDERS, AND FLUX USED IN POTABLE WATER SYSTEMS INTENDED TO SUPPLY DRINKING WATER SHALL COMPLY WITH NSF 61. MATERIALS FOR BUILDING WATER PIPING AND BUILDING SUPPLY PIPING SHALL COMPLY WITH THE APPLICABLE STANDARDS IN CPC TABLE 604.1.		SANITARY OR WASTE ABOVE GRADE (W, SAN) SANITARY OR WASTE VENT (V) DOMESTIC COLD WATER (CW) DOMESTIC HOT WATER (HW) DOMESTIC HOT WATER RETURN (HWR) SHUT-OFF VALVE (SOV) PRESSURE REGULATING VALVE (PRV) STRAINER BACKFLOW PREVENTER POINT OF CONNECTION (POC) POINT OF DISCONNECTION (POD) REMOVE EXISTING PIPING OR EQUIPMENT PIPE-UP UNLESS OTHERWISE NOTED PIPE DROP UNLESS OTHERWISE NOTED DROP OR RISE TOP CONNECTION BOTTOM CONNECTION FLOOR CLEANOUT (FCO) VALVE AND CAPPED OUTLET UNION CLEANOUT WALL (WCO) P-TRAP PIPE RISER W/ SHUT-OFF VALVE STOP VALVE CHECK VALVE (CV) BALANCING VALVE (BV) TEMPERATURE & PRESSURE RELIEF VALVE (TP) GAS COCK (GC) VENT THROUGH ROOF (VTR) UNION THERMOMETER WATER HAMMER ARRESTOR (WHA) PRESSURE GAUGE FLOOR DRAIN (FD) HOSE BIBB (HB) EQUIPMENT DESCRIPTION EQUIPMENT NUMBER	ABV ABOVE ADA AMERICAN DISABILITY ACT AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AP ACCESS PANEL B/G BELOW GRADE B/S BELOW SLAB BEL BELOW BFF BELOW FINISHED FLOOR CA COMPRESSED AIR CD CONDENSATE DRAIN CONN CONNECT, CONNECTION CONT CONTINUE CR CONDENSATE RETURN CW COLD WATER (POTABLE) DI DEIONIZED WATER DN DOWN DR DRAIN DSP DRY STANDPIPE DWG DRAWING EL ELEVATION (E) EXISTING FCO FLOOR CLEANOUT FD FLOOR DRAIN FFE FINISHED FLOOR ELEVATION FM FACTORY MUTUAL FT FOOT, FEET FU FIXTURE UNIT GAL GALLON GPM GALLONS PER MINUTE GPF GALLONS PER FLUSH HB HOSE BIBB HDR HEADER HP HORSEPOWER HW HOT WATER HWR HOT WATER RETURN HZ HERTZ ICW INDUSTRIAL COLD WATER IHW INDUSTRIAL HOT WATER IE INVERT ELEVATION IN INCH INT INTEGRAL KW KILOWATT LAV LAVATORY MAX MAXIMUM MIN MINIMUM MPG MEDIUM PRESSURE GAS (5 PSI) N NEW NC NORMALLY CLOSED NG NATURAL GAS, LOW PRESSURE NO NORMALLY OPEN NPT NATIONAL PIPE THREAD NTS NOT TO SCALE POC POINT OF CONNECTION POD POINT OF DISCONNECT PSI POUNDS PER SQUARE INCH PW POTABLE WATER S SEWER SD STORM DRAIN SF SQUARE FEET SH SHOWER SOW SCOPE OF WORK SOV SHUT-OFF VALVE TEMP TEMPERATURE TP TRAP PRIMER TYP TYPICAL UTR UP THRU ROOF UW UNTREATED WATER V VENT VTR VENT THRU ROOF W WASTE WC WATER CLOSET WCO WALL CLEANOUT WHA WATER HAMMER ARRESTOR WTR WATER	1. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE BUILDING IN ACCORDANCE WITH CALIFORNIA BUILDING STANDARDS CODE, TITLE 19 & 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE APPROVED PLANS AND SPECIFICATIONS WHERE IN THE FINISHED WORK WILL COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE CITY BEFORE PROCEEDING WITH THE WORK. 2. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH: 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) 2022 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24, CCR BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC) 2022 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC) 2022 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC) 2022 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC) 2022 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CCR BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC)	7. DRAWINGS HAVE BEEN DETAILED IN COMPLIANCE WITH U.L. LISTING REQUIREMENTS AND I.C.B.O. REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTED MATERIAL IS ACCEPTED AS AN EQUAL BY THE GENERAL CONTRACTOR, HE WILL ASSUME THE RESPONSIBILITY FOR WHATEVER CONSTRUCTION MODIFICATION AND/OR ADDITIONAL COSTS ARE REQUIRED BY REASON OF THIS ACCEPTANCE. 8. THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS, MATERIALS, INSTALLATION METHODOLOGY AND NOTES. 9. PRIOR TO DELIVERY OF MATERIALS TO THE CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM THE SITE, THE CONTRACTOR SHALL CHECK WITH THE CHIEF ENGINEER FOR AN ACCEPTABLE ACCESS ROUTE AND TIME. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR, SUBCONTRACTOR'S, OR ANY OF THEIR EMPLOYEES USE ANY AREA OUT-SIDE THE CONSTRUCTION ZONE WITHOUT PRIOR APPROVAL FROM THE CHIEF FACILITY ENGINEER. ALL STAGING AREAS SHALL BE PROTECTED WITH FIRE RESISTANT PLYWOOD ENCLOSURES. ALL TRASH SHALL BE REMOVED FROM THE BLDG. DAILY. CONSTRUCTION MATERIALS SHALL NOT BE STORED IN THE CORRIDORS AT ANY TIME. 10. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS, SERVICES, AND POINTS OF CONNECTION PRIOR TO START OF WORK. 11. DUCTWORK, PIPING AND EQUIPMENT, AS SHOWN ON DRAWINGS, IS SCHEMATIC AND SHALL BE FABRICATED AND INSTALLED BASED ON ACTUAL FIELD MEASUREMENT. COORDINATE WITH OTHER TRADES AS REQUIRED. 12. CONTRACTOR SHALL PROVIDE WRITTEN REQUESTS TO OWNER FOR SHUT-DOWNS AT LEAST 14 DAYS PRIOR TO EVENT. WORK REQUIRING SHUT-DOWNS MAY BE REQUIRED TO BE PERFORMED OUTSIDE NORMAL WORK HOURS. 13. THE DESIGN ADEQUACY, SAFETY, AND ERECTION OF BRACING, SHORING, SCAFFOLDING, AND TEMPORARY SUPPORTS AND RESTRAINTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. 14. CONTRACTOR SHALL NOTIFY THE OWNER ON TIMES WHEN THE CONSTRUCTION NOISE WILL BE EXCESSIVE. CONTRACTOR SHALL RESCHEDULE SUCH WORK IF SO REQUIRED BY THE FACILITY. 15. ALL ITEMS TO BE REMOVED AND RELOCATED OR REPLACED SHALL BE HANDLED WITH PROPER CARE AND STORED IN A SAFE PLACE TO PREVENT DAMAGE OR BE REPLACED AT THE CONTRACTOR'S EXPENSE. 16. WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE-OR POSTTENSIONED) LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN. 17. ABBREVIATIONS THROUGHOUT THE DOCUMENTS ARE THOSE IN COMMON USE. THE ENGINEER WILL DEFINE THE INTENT OF ANY IN QUESTION. 18. ALL DRAWINGS, THOUGH NOTED TO SCALE, ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL NOT SCALE THE DRAWINGS. ITEMS WRONGLY LOCATED BY DRAWING SCALING SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE. 19. HANDLE, STORE AND INSTALL ALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS. 20. SLOPE OF PIPING SYSTEMS: A. SANITARY SEWER WASTE PIPING 2% UNLESS NOTED OTHERWISE B. SANITARY SEWER VENT PIPING 2% UNLESS NOTED OTHERWISE 21. ALL PENETRATIONS OF FIRE RATED WALL AND FLOOR ASSEMBLIES SHALL BE PROTECTED AS REQUIRED BY CBC, SEC. 714. SYSTEMS SHALL BE REVIEWED AND APPROVED BY THE INSPECTOR OF RECORD AND FIELD FLSO PRIOR TO INSTALLATION.		
GREEN BLDG. COMPLIANCE NOTES 1. PLUMBING FIXTURES AND FITTINGS SHALL COMPLY WITH ALL THE REQUIREMENTS IN SECTION 5.303 IN THE CALIFORNIA GREEN BUILDING CODE. 2. WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. 3. LAVATORY FAUCET SHALL NOT EXCEED WATER FLOW OF 0.5 GPM. 4. KITCHEN FAUCET SHALL NOT EXCEED WATER FLOW OF 1.8 GPM. 5. PROVIDE THE BUILDING OWNER OR REPRESENTATIVE WITH DETAILED OPERATING AND MAINTENANCE INSTRUCTIONS AND COPIES OF GUARANTIES/WARRANTIES FOR EACH SYSTEM. O&M INSTRUCTIONS SHALL BE CONSISTENT WITH OSHA REQUIREMENTS IN CCR, TITLE 8, SECTION 5142, AND OTHER RELATED REGULATIONS.						ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE REQUIREMENTS OF THESE CODES AND APPLICABLE LOCAL ORDINANCE WHERE CONTRACT DOCUMENTS EXCEED WITHOUT VIOLATING CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS TAKE PRECEDENCE. WHERE CODE CONFLICT, THE MORE STRINGENT SHALL APPLY. IT SHALL BE THE CONTRACTOR'S AND HIS EMPLOYEE'S RESPONSIBILITY TO BE FAMILIAR WITH ALL CODES AND ORDINANCES, CITY OR STATE, AS REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT. WHERE ANY CONFLICTS OCCUR BETWEEN FEDERAL, STATE AND LOCAL LAWS, CODES, ORDINANCES, AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN. 3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO STRUCTURE, MECHANICAL, PLUMBING, ELECTRICAL, EQUIPMENT, AND ALL OTHER EXISTING SYSTEMS; AND MAKE NECESSARY PROVISIONS TO MAINTAIN THE INTEGRITY OF SAID SYSTEMS PRIOR TO THE COMMENCEMENT OF DEMOLITION, IF ANY. SEE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND EQUIPMENT DRAWINGS FOR ANY SYSTEMS OR PORTIONS THEREOF TO BE REMOVED, RELOCATED, REVISED OR ABANDONED. ALL POSSIBLE CARE SHALL BE EXERCISED BY THE CONTRACTOR TO INSURE THAT ANY SAID UTILITY WILL NOT BE THE CAUSE OF ENDANGERMENT TO THE LIFE OR HEALTH OF ANY PERSON. 4. ALL DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO ANY CONSTRUCTION, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL. ANY APPARENT DISCREPANCY SHALL BE BROUGHT TO THE CONTRACTING OFFICER PRIOR TO START OF CONST. SO A CLARIFICATION MAY BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENT SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT. 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE CONTRACT DOCUMENTS BEFORE THE INSTALLATION OF ANY MECHANICAL, PLUMBING, ELECTRICAL OR SYSTEMS CONSTRUCTION. ANY DISCREPANCIES WITHIN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR CLARIFICATION BEFORE COMMENCING WITH THE WORK. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND AT NO EXPENSE TO THE OWNER OR ARCHITECT. 6. VERIFICATIONS SHALL BE MADE FROM AVAILABLE SOURCES TO THE CONTRACTOR, SUCH AS BUT NOT LIMITED TO, UTILITY COMPANIES, PLANS OF EXISTING BUILDINGS, CONTRACT DOCUMENTS, THE OWNER, SITE INVESTIGATION REPORTS, ETC. IN NO WAY SHALL ANY DOCUMENTATION RECEIVED BY THE CONTRACTOR RELIEVE HIM OF THE RESPONSIBILITY OF PERFORMING HIS OWN FIELD INVESTIGATION.	

No.	DATE	REVISIONS	APPROVED	UNDERGROUND SERVICE ALERT CALL: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG	DESIGNED: TN, SC	PROGRESS: FINAL SIGNED			605 Third Street Encinitas, CA 92024 760.942.5147 Fax 760.942.4508	CITY OF GONZALES INDUSTRIAL WASTE WATER TREATMENT FACILITY PLUMBING GENERAL NOTES, LEGEND & SYMBOLS	JOB NO. PO# 6761
					DRAWN: S. CHHAT	SUBMITTAL DATE: NOVEMBER 2024					DRAWING NO. GP-1
	02-12-25	ADDENDUM 3	DTN		CHECKED: T. NGO	DISCIPLINE ENGINEER				PLUMBING GENERAL NOTES, LEGEND & SYMBOLS	SHEET NO. 83 of 133

DN-2020 PROJECTS 20-MBN-100 Gonzales IWRP Operation Bldg.MECH03_GP-1.dwg 02/19/2025 10:19

PLUMBING MATERIAL SCHEDULE

- A. WATER PIPE – BELOW GRADE AND DOWNSTREAM OF BUILDING S.O.V. TYPE "K" COPPER WITH WROUGHT COPPER FITTINGS AND "NO-LEAD" SOLDER. ABOVE GRADE, TYPE "L" COPPER WITH WROUGHT COPPER FITTINGS AND "NO-LEAD" SOLDER.
- B. ALL HOT WATER AND HOT WATER RETURN PIPING SHALL BE INSULATED WITH INSULATION AS NOTED PER PLUMBING INSULATION SCHEDULE ON THIS SHEET.
- C. SEWER AND VENT PIPE – BELOW AND ABOVE BUILDING SLAB, SERVICE WEIGHT (HUB LESS) CAST IRON SOIL PIPE AND STAINLESS STEEL STRAP FITTINGS. BELOW GRADE 5 FEET OUTSIDE OF BUILDING SCHEDULE 40 PVC PIPE AND FITTINGS.
- D. CONDENSATE DRAIN – TYPE "DWV" COPPER WITH WROUGHT COPPER FITTINGS AND SOLDERED JOINTS.

VALVE SCHEDULE

SIZE (IN)	DESCRIPTION/REMARKS
1/2	NIBCO BRONZE BALL VALVE, MODEL S-585-70, LEAD FREE, TWO-PIECE BODY, FULL PORT, BLOWOUT-PROOF STEM, SOLDER ENDS, 600 PSI COLD WORKING PRESSURE.
3/4	
1	
1-1/4	

PLUMBING INSULATION SCHEDULE

OPERATING TEMPERATURE RANGE (F)	INSULATION CONDUCTIVITY (IN BTU·IN/H·FT ² ·F)	SIZE (INCHES)	MINIMUM THICKNESS (INCHES)	MINIMUM R-VALUE
105-140	0.22-0.28	1/2	1	R-7.7
		3/4		
		1	1-1/2	R-12.5
		1-1/4		
		1-1/2		
		2	2	R-11

* DOMESTIC HOT WATER PIPING INSULATION SHALL BE MINIMUM THICKNESS OR MINIMUM R-VALUE AS LISTED ABOVE TO MEET MINIMUM REQUIREMENT PER 2022 CALIFORNIA ENERGY CODE TABLE 120.3-A .

PLUMBING FIXTURES SCHEDULE

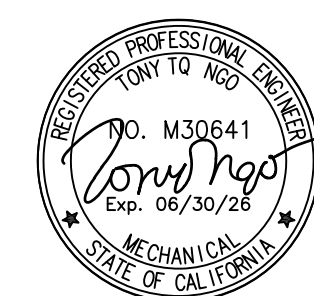
MARK	FIXTURE	ROUGH-IN-SIZE				MINIMUM BRANCH SIZE		DESCRIPTION/REMARKS
		S/W	V	CW	HW	CW	HW	
WC 1	WATER CLOSET (ADA)	4"	2"	1/2"	-	3/4"	-	KOHLER HIGHLINE WATER CLOSET, MODEL K-3519, TWO-PIECE TOILET BOWL AND TANK, VITREOUS CHINA, FLOOR MOUNTED, ELONGATED BOWL. 1.0 GPF AND ADA COMPLIANT. PROVIDE WITH PROFLO TOILET SEAT, MODEL PFTSCOF2000WH, OPEN FRONT LESS COVER, ELONGATED.
L 1	LAVATORY (ADA)	2"	1 1/2"	1/2"	1/2"	1/2"	1/2"	KOHLER GREENWICH SINK, MODEL K-2032, VITREOUS CHINA, WALL-MOUNTED AND ADA COMPLIANT. PROVIDE WITH KOHLER CENTERSET FAUCET, MODEL K-400T20-4ANL, MANUAL LEVER HANDLES, DECK MOUNT, 4" CENTER, 0.5 GPM AND ADA COMPLIANT. PROVIDE WITH ZURN CARRIER, MODEL Z1224. PROVIDE WITH STOP VALVES, SUPPLIES, DRAIN FITTING AND P-TRAP. PROVIDE PROTECTIVE COVERS FOR SUPPLIES AND P-TRAP FITTING.
SH 1	SHOWER SYSTEM (ADA)	-	-	1/2"	1/2"	3/4"	3/4"	SYMMONS SAFETYMIX SHOWER SYSTEM, MODEL 1-117-L5-1.5-X-CHKS. INCLUDES PRESSURE BALANCING MIXING VALVE, LEVER DIVERTER, AND SHOWER HEAD. POLISHED CHROME FINISH. INCLUDE WITH 1.5 GPM FLOW RESTRICTOR, INTEGRAL CHECK STOPS AND LESS HAND SHOWER SYSTEM OPTION. PROVIDE WITH HAND SHOWER SYSTEM, MODEL T736-1.5. INCLUDES ADA HAND SHOWER, 36" SLIDE/GRAB BAR AND 1.5 GPM FLOW RESTRICTOR. POLISHED CHROME FINISH.
S 1	SINK (ADA)	2"	1 1/2"	1/2"	1/2"	1/2"	1/2"	JUST MANUFACTURING SINK, MODEL UDADA1832A65-J, STAINLESS STEEL, DOUBLE BOWL, UNDERMOUNT, CENTER REAR DRAIN, 6 3/8" DEEP AND ADA COMPLIANT. PROVIDE WITH JUST MANUFACTURING MANUAL FAUCET, MODEL JV-110-W4, TWO 4" WRISTBLADE HANDLES, DECK MOUNT, 8" CENTER, 1.5 GPM. PROVIDE WITH STOP VALVES, SUPPLIES, DRAIN FITTING AND P-TRAP.
S 2	SINK (ADA)	2"	1 1/2"	1/2"	1/2"	1/2"	1/2"	JUST MANUFACTURING SINK, MODEL USADA1824A65-J, STAINLESS STEEL, SINGLE BOWL, UNDERMOUNT, CENTER REAR DRAIN, 6 3/8" DEEP AND ADA COMPLIANT. PROVIDE WITH CHICAGO FAUCETS MANUAL FAUCET, MODEL W8D-GN2AE35-317AB, GOOSENECK, TWO 4" WRISTBLADE HANDLES, DECK MOUNT, 8" CENTER, 1.5 GPM. PROVIDE WITH STOP VALVES, SUPPLIES, DRAIN FITTING AND P-TRAP.
S 3	SINK (ADA)	2"	1 1/2"	1/2"	1/2"	3/4"	3/4"	JUST MANUFACTURING SINK, MODEL USADA1830A65-J, STAINLESS STEEL, SINGLE BOWL, UNDERMOUNT, CENTER REAR DRAIN, 6 3/8" DEEP AND ADA COMPLIANT. PROVIDE WITH DELTA PRE-RINSE MANUAL FAUCET, MODEL 55C1213, TWO LEVER BLADE HANDLES, DECK MOUNT, 8" CENTER, WALL MOUNT BRACKET AND 1.05 GPM. PROVIDE WITH STOP VALVES, SUPPLIES, DRAIN FITTING AND P-TRAP. PROVIDE PROTECTIVE COVERS FOR SUPPLIES AND P-TRAP FITTING.
SS 1	SERVICE SINK	2"	1 1/2"	1/2"	1/2"	3/4"	3/4"	ADVANCE TABCO FABRICATED FLOOR MOP SINK, MODEL 9-OP-44, STAINLESS STEEL, 24"x24"x12" BOWL SIZE, FLOOR MOUNT WITH DRAIN, MODEL K-16. PROVIDE WITH CHICAGO FAUCETS SERVICE SINK FAUCET, MODEL 835-CP, EXPOSED WALL-MOUNT, TOP-MOUNT SUPPLIES, 6" CENTERS, RIGID SPOUT WITH VACUUM BREAKER.
IHW 1	INSTANT HOT WATER HEATER	-	-	3/4"	3/4"	1"	1"	EeMAX PROSERIES XTP ELECTRIC TANKLESS WATER HEATER MODEL #XTP054480. ELECTRICAL POWER: 480/3/60, 54KW AT 65 AMPS PER PHASE, 0.5 GPM TURN ON ACTIVATION, THERMOSTATIC, ADJUSTABLE SET POINT, NPT FITTINGS, 150 PSI MAX. 6.0 GPM AT 61°F RISE.
RP 1	RECIRCULATOR PUMP	-	-	-	1/2"	-	1/2"	GRUNDFOS UP COMFORT SERIES RECIRCULATOR PUMP, MODEL #UP10-16 A PM B5/LC. ELECTRICAL POWER: 115V, 6W AT 0.23 AMPS. SIZE AT 1 GPM AND 0.5 FT HEAD. PROVIDE WITH AUTO CONTROL MODE OPERATION.
WD 1	WASTE DISPOSER	1 1/2"	-	-	-	-	-	INSINKERATOR FOOD WASTE DISPOSER, MODEL BADGER 5, CONTINUOUS FEED WITH 1/2 HP MOTOR. ELECTRICAL POWER: 120V/1PH/60 AT 6.3 AMPS. PROVIDE WITH WALL SWITCH.
FD 1	FLOOR DRAIN	2"	1 1/2"	-	-	-	-	ZURN FLOOR DRAIN, MODEL Z415B, CAST IRON BODY WITH TYPE B FLAT STRAINER.
TP 1	TRAP PRIMER	-	-	1/2"	-	1/2"	-	PRECISION PLUMBING PRODUCTS (PPP) TRAP PRIMER, MODEL PR-500, PRIME-RITE SERIES, AUTOMATIC PRIMER.
OB 1	ICE MAKER OUTLET BOX	-	-	1/2"	-	1/2"	-	OATLEY METAL ICE MAKER OUTLET BOX, MODEL 39140, STEEL BOX, 1/4" TURN BALL VALVE, WATER HAMMER ARRESTOR, LOW LEAD.
WHA 1	WATER HAMMER ARRESTOR	-	-	-	-	-	-	ZURN WILKINS WATER HAMMER ARRESTOR, MODEL 1260XL.

DN:2020 PROJECTS 20-MBN-100 Gonzales IWRP Operation Bldg.MECH.86_P-3.dwg 02/19/2025 10:19

No.	DATE	REVISIONS	APPROVED
3	02-12-25	ADDENDUM 3	DTN



DESIGNED: TN, SC	PROGRESS: FINAL SIGNED
DRAWN: S. CHHAT	SUBMITTAL DATE: NOVEMBER 2024
CHECKED: T. NGO	TONY NGO M30641
	DISCIPLINE ENGINEER P.E. NO.



LINE IS 2 INCHES AT FULL SIZE IF NOT 2" - SCALE ACCORDINGLY

DUDEK
605 Third Street Encinitas, CA 92024
760.942.5147 Fax 760.942.4508

CITY OF GONZALES
INDUSTRIAL WASTE WATER TREATMENT FACILITY

PLUMBING SCHEDULES

JOB NO. PO# 6761
DRAWING NO. P-3
SHEET NO. 86 of 133

LEGEND AND SYMBOLS

GENERAL NOTES

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	ABBREV.	DESCRIPTION
	SINGLE LINE DUCTWORK, NEW		EQUIPMENT TAG, DESCRIPTION EF, MARK NUMBER 23	AFF	ABOVE FINIHSED FLOOR
	SINGLE LINE DUCTWORK, EXISTING		CEILING DIFFUSER/REGISTER TYPE "A", 150 CFM AND 8" x 8" NECK SIZE	AHU	AIR HANDLING UNIT
	DUCTWORK TO BE REMOVED		CENTER LINE	AMB	AMBIENT
	DUCTWORK WITH ACOUSTIC LINING		DIAMETER	ARCH	ARCHITECTURAL
	DUCT UNDER POSITIVE PRESSURE (SUPPLY AIR UP AND DOWN)		SQUARE FEET	BHP	BRAKE HORSEPOWER
	DUCT UNDER NEGATIVE PRESSURE (RETURN AIR UP AND DOWN)		LOUVER IN DOOR, MINIMUM 1.0 SQUARE FOOT FREE AREA	BTU	BRITISH THERMAL UNIT
	DUCT UNDER NEGATIVE PRESSURE (EXHAUST AIR UP AND DOWN)		POINT OF DISCONNECT	BTUH	BTU PER HOUR
	FLEXIBLE DUCT		POINT OF CONNECTION	CFM	CUBIC FEET PER MINUTE
	DUCT FLEXIBLE CONNECTION		NEW PIPE WITH DIRECTION OF FLOW	CLG	CEILING
	RECTANGULAR VERTICAL DUCT DROP		EXISTING PIPING	COND	CONDENSATE
	RECTANGULAR VERTICAL DUCT RISE		REMOVE EXISTING PIPING	CONN	CONNECTION
	ROUND VERTICAL DUCT DROP		EXPANSION LOOP	CONT	CONTINUATION
	ROUND VERTICAL DUCT RISE		PIPE ANCHOR	CU	CONDENSING UNIT
	VOLUME DAMPER IN DUCT		SHUT-OFF VALVE	DB	DRY BULB
	BACKDRAFT DAMPER IN DUCT		ANGLE GATE VALVE	DIAM	DIAMETER
	AUTOMATIC DAMPER IN DUCT		COCK VALVE	DN	DOWN
	FIRE DAMPER IN DUCT AND ACCESS DOOR		GLOBE VALVE	DWG	DRAWING
	COMBINATION FIRE AND SMOKE DAMPER IN DUCT		DRAIN VALVE	EA/EXA	EXHAUST AIR
	CEILING DIFFUSER THROW PATTERN 4-WAY		CHECK VALVE, SWING OR LIFT	EAT	ENTERING AIR TEMPERATURE
	RETURN REGISTER		BUTTERFLY VALVE	EDB	ENTERING DRY BULB TEMPERATURE
	EXHAUST REGISTER		BALL VALVE	EF	EXHAUST FAN
	WALL LOUVER		BALANCING VALVE	ELEC	ELECTRICAL
	THERMOSTAT		PLUG VALVE (TYPE AS NOTED)	ENT	ENTERING
	SWITCH		PRESSURE REDUCING VALVE	ERV	EXHAUST RELIEF VENTILATOR
	CEILING DIFFUSER NECK SIZE (IN.) AIR QUANTITY (CFM)		TWO-WAY AUTOMATIC CONTROL VALVE	ESP	EXTERNAL STATIC PRESSURE
			THREE-WAY AUTOMATIC CONTROL VALVE	EWB	ENTERING WET BULB TEMPERATURE
			SOLENOID VALVE	EWT	ENTERING WATER TEMPERATURE
			ELECTRIC MOTORIZED VALVE OPERATOR	(E)	EXISTING
			PNEUMATIC VALVE OPERATOR	*F	DEGREES FAHRENHEIT
			"Y" TYPE STRAINER	FC	FAN COIL
			RELIEF VALVE	FD	FIRE DAMPER
			SAFETY VALVE	FLA	FULL LOAD AMPERES
			MANUAL AIR VENT	FPM	FEET PER MINUTE
			TEST PLUG	FT	FEET
			THERMOMETER AND WELL	GA	GAUGE
			PRESSURE GAUGE WITH VALVE	GAL	GALLON
			DETAIL DESIGNATION	GPM	GALLONS PER MINUTE
			COMMUNICATION CABLE	HC	HEATING COIL
			THERMOSTAT CONTROL CABLE	HD	HEAD

- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE BUILDING IN ACCORDANCE WITH CALIFORNIA BUILDING STANDARDS CODE, TITLE 19 & 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE APPROVED PLANS AND SPECIFICATIONS WHERE IN THE FINISHED WORK WILL COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE CITY BEFORE PROCEEDING WITH THE WORK.
- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH:
 - 2022 CALIFORNIA ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
 - 2022 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24, CCR BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC)
 - 2022 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24, CCR BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC)
 - 2022 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24, CCR BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC)
 - 2022 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24, CCR BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC)
 - 2022 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24, CCR BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC)

ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE REQUIREMENTS OF THESE CODES AND APPLICABLE LOCAL ORDINANCE WHERE CONTRACT DOCUMENTS EXCEED WITHOUT VIOLATING CODE AND REGULATION REQUIREMENTS, CONTRACT DOCUMENTS TAKE PRECEDENCE. WHERE CODE CONFLICT, THE MORE STRINGENT SHALL APPLY. IT SHALL BE THE CONTRACTOR'S AND HIS EMPLOYEE'S RESPONSIBILITY TO BE FAMILIAR WITH ALL CODES AND ORDINANCES, CITY OR STATE, AS REQUIRED FOR THE CONSTRUCTION OF THIS PROJECT. WHERE ANY CONFLICTS OCCUR BETWEEN FEDERAL, STATE AND LOCAL LAWS, CODES, ORDINANCES, AND REGULATIONS, THE MOST STRINGENT SHALL GOVERN.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING BUT NOT LIMITED TO STRUCTURE, MECHANICAL, PLUMBING, ELECTRICAL, EQUIPMENT, AND ALL OTHER EXISTING SYSTEMS AND MAKE NECESSARY PROVISIONS TO MAINTAIN THE INTEGRITY OF SAID SYSTEMS PRIOR TO THE COMMENCEMENT OF DEMOLITION, IF ANY. SEE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND EQUIPMENT DRAWINGS FOR ANY SYSTEMS OR PORTIONS THEREOF TO BE REMOVED, RELOCATED, REVISED OR ABANDONED. ALL POSSIBLE CARE SHALL BE EXERCISED BY THE CONTRACTOR TO INSURE THAT ANY SAID UTILITY WILL NOT BE THE CAUSE OF ENDANGERMENT TO THE LIFE OR HEALTH OF ANY PERSON.
- ALL DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO ANY CONSTRUCTION, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL. ANY APPARENT DISCREPANCY SHALL BE BROUGHT TO THE CONTRACTING OFFICER PRIOR TO START OF CONSTRUCTION. SO A CLARIFICATION MAY BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENT SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE CONTRACT DOCUMENTS BEFORE THE INSTALLATION OF ANY MECHANICAL, PLUMBING, ELECTRICAL OR SYSTEMS CONSTRUCTION. ANY DISCREPANCIES WITHIN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR CLARIFICATION BEFORE COMMENCING WITH THE WORK. ANY CONSTRUCTION INSTALLED IN CONFLICT WITH THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS OWN EXPENSE, AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- VERIFICATIONS SHALL BE MADE FROM AVAILABLE SOURCES TO THE CONTRACTOR, SUCH AS BUT NOT LIMITED TO, UTILITY COMPANIES, PLANS OF EXISTING BUILDINGS, CONTRACT DOCUMENTS, THE OWNER, SITE INVESTIGATION REPORTS, ETC. IN NO WAY SHALL ANY DOCUMENTATION RECEIVED BY THE CONTRACTOR RELIEVE HIM OF THE RESPONSIBILITY OF PERFORMING HIS OWN FIELD INVESTIGATION.

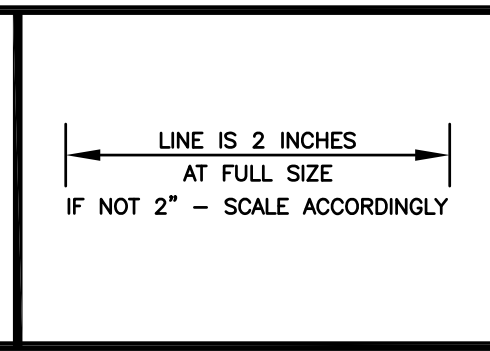
- DRAWINGS HAVE BEEN DETAILED IN COMPLIANCE WITH U.L. LISTING REQUIREMENTS AND I.C.B.O. REPORTS FOR THE MATERIALS SPECIFIED. IF AN ALTERNATE OR SUBSTITUTED MATERIAL IS ACCEPTED AS AN EQUAL BY THE GENERAL CONTRACTOR, HE WILL ASSUME THE RESPONSIBILITY FOR WHATEVER CONSTRUCTION MODIFICATION AND/OR ADDITIONAL COSTS ARE REQUIRED BY REASON OF THIS ACCEPTANCE.
- THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST OF GENERAL CONDITIONS, SPECIAL CONDITIONS, MATERIALS, INSTALLATION METHODOLOGY & NOTES.
- PRIOR TO DELIVERY OF MATERIALS TO THE CONSTRUCTION ZONE AND REMOVAL OF WASTE FROM THE SITE, THE CONTRACTOR SHALL CHECK WITH THE CHIEF FACILITY ENGINEER FOR AN ACCEPTABLE ACCESS ROUTE AND TIME. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR, SUBCONTRACTOR'S, OR ANY OF THEIR EMPLOYEES USE ANY AREA OUT-SIDE THE CONSTRUCTION ZONE WITHOUT PRIOR APPROVAL FROM THE CHIEF FACILITY ENGINEER. ALL TRASH SHALL BE REMOVED FROM THE BUILDING DAILY. CONSTRUCTION MATERIALS SHALL NOT BE STORED IN THE CORRIDORS AT ANY TIME.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS, SERVICES, AND POINTS OF CONNECTION PRIOR TO START OF WORK.
- DUCTWORK, PIPING AND EQUIPMENT, AS SHOWN ON DRAWINGS, IS DIAGRAMMATICALLY AND SHALL BE FABRICATED AND INSTALLED BASED ON ACTUAL FIELD MEASUREMENT. COORDINATE WITH OTHER TRADES AS REQUIRED.
- CONTRACTOR SHALL PROVIDE WRITTEN REQUESTS TO CHIEF FACILITY ENGINEER FOR SHUT-DOWNS AT LEAST 14 DAYS PRIOR TO EVENT. WORK REQUIRING SHUT-DOWNS MAY BE REQUIRED TO BE PERFORMED OUTSIDE NORMAL WORK HOURS.
- THE DESIGN ADEQUACY, SAFETY, AND ERECTION OF BRACING, SHORING, SCAFFOLDING, AND TEMPORARY SUPPORTS AND RESTRAINTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL NOTIFY THE OWNER ON TIMES WHEN THE CONSTRUCTION NOISE WILL BE EXCESSIVE. CONTRACTOR SHALL RESCHEDULE SUCH WORK IF SO REQUIRED BY THE FACILITY.
- ALL ITEMS TO BE REMOVED AND RELOCATED OR REPLACED SHALL BE HANDLED WITH PROPER CARE AND STORED IN A SAFE PLACE TO PREVENT DAMAGE OR BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE-OR POSTTENSIONED) LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.
- ABBREVIATIONS THROUGHOUT THE DOCUMENTS ARE THOSE IN COMMON USE. THE ENGINEER WILL DEFINE THE INTENT OF ANY IN QUESTION.
- ALL DRAWINGS, THOUGH NOTED TO SCALE, ARE FOR ILLUSTRATION ONLY. THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL NOT SCALE THE DRAWINGS. ITEMS WRONGLY LOCATED BY DRAWING SCALING SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
- HANDLE, STORE AND INSTALL ALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
- GENERAL CONTRACTOR TO REPLACE DAMAGED CEILING TILES AS NEEDED.
- COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION: AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEETMETAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST, WATER AND DEBRIS WHICH MAY ENTER THE SYSTEM.
- MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS MUST HAVE A FLAME-SPREAD INDEX OF NOT MORE THAN 25 AND SMOKE-DEVELOPED RATING NOT EXCEEDING 50.

DN-2020 PROJECTS 20-MBN-100 Gonzales IWRP Operation Bldg.MECH-89 GH-1.dwg 02/19/2025 10:18

No.	DATE	REVISIONS	APPROVED
02-12-25	ADDENDUM 3		DTN

UNDERGROUND SERVICE ALERT
 CALL: TOLL FREE
 1-800
 227-2600
 TWO WORKING DAYS BEFORE YOU DIG

DESIGNED: TN, SC	PROGRESS: FINAL SIGNED
DRAWN: S. CHHAT	SUBMITTAL DATE: NOVEMBER 2024
CHECKED: T. NGO	TONY NGO DISCIPLINE ENGINEER
	M30641 P.E. NO.



DUDEK
 605 Third Street Encinitas, CA 92024
 760.942.5147 Fax 760.942.4508

CITY OF GONZALES
INDUSTRIAL WASTE WATER TREATMENT FACILITY
HVAC GENERAL
NOTES, LEGEND & SYMBOLS

JOB NO.
PO# 6761
DRAWING NO.
GH-1
SHEET NO.
89 of 133

SECTION 31232– GEOFOAM LIGHTWEIGHT FILL

PART 1- GENERAL

1.01 SECTION INCLUDES

- A. EPS Geof foam lightweight fill and accessory materials.

1.02 REFERENCE STANDARDS

- A. American Society for Testing and Materials – ASTM International; www.astm.org
 - 1. ASTM D6817 – Standard Specification for Rigid Cellular Polystyrene Geof foam.
 - 2. ASTM D7180 – Standard Guide for Use of Expanded Polystyrene (EPS) Geof foam in Geotechnical Projects.
 - 3. ASTM E84 – Standard Test Method for Surface Burning Characteristics of Building Materials.
- B. International Organization for Standardization (ISO); www.iso.org
 - 1. ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories.
- C. Underwriters Laboratories (UL) www.ul.com
 - 1. UL 723 – Standard for Test for Surface Burning Characteristics of Building Materials.

1.03 SUBMITTALS

- A. Material Environmental Product Declaration (EPD) for EPS/Geof foam.
- B. Manufacturer’s Qualification Statement.
- C. Warranty Documentation: Submit manufacturer warranty document.

1.04 QUALITY ASSURANCE

- A. Manufacturers Certification: Deliver geof foam only upon completion of following certification requirements:
 - 1. Provide test report from an ISO/IEC17025 accredited laboratory prior to initial project delivery for compliance with minimum compressive resistance at 1 percent strain in accordance with ASTM D6817/D6817M.
 - 2. Provide test report from an ISO/IEC17025 accredited laboratory for compliance with minimum compressive resistance at 1 percent strain in accordance with ASTM D6817/D6817M for each 650 cubic yards out of first 2,600 cubic yards delivered to project site.
 - 3. Provide test report from an ISO/IEC17025 accredited laboratory for compliance with minimum compressive resistance at 1 percent strain in accordance with ASTM D6817/D6817M for each additional 2,000 cubic yards delivered to project site.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Store materials protected from exposure to harmful environmental conditions as recommended by manufacturer.
 - 1. Geof foam blocks shall be delivered labeled with ASTM D6817 Type(s).
 - 2. Geof foam blocks shall include manufacturer’s date of molding and individual block identifier.
 - 3. Geof foam blocks shall be delivered labeled with UL third party listing marks confirming compliance with ASTM D6817.
 - 4. Avoid prolonged exposure of geof foam to sunlight, cover geof foam with opaque tarp.
 - 5. Geof foam should not be exposed to open flame or other ignition sources.
 - 6. Avoid exposure of geof foam to temperatures exceeding 165 degrees F (74 degrees C).

7. Geofoam should not be exposed to organic solvents, petroleum products and their vapors. Examples include but not limited to are acetone, paint thinner, and gasoline.
8. Provide temporary ballast or other restraint of geofoam prior to and during installation.
9. Refer to manufacturers geofoam Safety Data Sheet (SDS).

1.06 WARRANTY

1. Geofoam will meet at least 90% of the compressive resistance requirements of ASTM D6817 Table 1 for Type(s) indicated.
2. Warranty Period: 10 years from date of substantial completion.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Atlas Molded Products, a Division of Atlas Roofing Corporation.
 1. Website: www.Atlasmoldedproducts.com
 2. Email: Geofoamquote@atlasroofing.com

2.02 MATERIALS

- A. Geofoam Blocks: Provide geofoam of Type(s) indicated in compliance with ASTM D6817.
- B. Manufacture geofoam using 100 percent virgin feedstock (no recycle content).
 1. EPS 46:
Density: 2.85 lb/ft³ (45.7 kg/cu m) minimum.
Compressive Resistance: 18.6 psi (128 kPa) minimum at 1 percent strain.
- C. Surface Burning: Class A, with Flame Spread Index (FSI) of <25, and Smoke Developed Index (SDI) of <450, in compliance with ASTM E84 or UL723.

PART 3– EXECUTION

3.01 Installation

- A. ASTM D7180 – Standard Guide for Use of Expanded Polystyrene (EPS) Geofoam in Geotechnical Projects.

END OF SECTION