

REQUEST FOR BIDS (RFB)

CITY OF SANTA PAULA POLICE DEPARTMENT PHASE II PROJECT

TASK – Site Preparation, Building Addition, Abatement, and Interior Improvements

NOTE – SEE ATTACHED SCOPE OF WORK FOR DETAILS

PROJECT LOCATION:

SANTA PAULA POLICE DEPARTMENT

214 S. 10th Street

Santa Paula, CA 93060

Requested by

THE CITY OF SANTA PAULA

Approved by:

Gregory Barnes - Parks and Recreation
Director Parks and Recreation
Department

Bill Lindsay – Project Consultant
Robert William Company, LLC

RFB SUBMITTAL DUE DATE: December 10, 2026 @ 3:00 PM PST at which time all bids will be opened in council chambers

TABLE OF CONTENTS

Section 1 – Introduction; Background

Section 2 – Bids, Requirements and Submission Instructions to Proposers

Section 3 – Term/Contract

Section 4 – Scope of Work

Section 5 – Technical Bid

Section 6 – Award of Bid

Section 7 – Format for Responses

Section 8 – Miscellaneous

Section 9 – Pre-bid Information Meeting

Section 10 – Exhibits and Appendices

Exhibit #1 - Scope of Work
Exhibit #2 - Bid Schedule
Exhibit #3 - Short Form Construction Contract and Insurance Requirements (SAMPLE)
Exhibit #4 – Plans
Exhibit #5 – Environmental Report

1. INTRODUCTION; BACKGROUND

1.1 Introduction

The City of Santa Paula (City) located in County Ventura approximately 65 miles northwest of the City of Los Angeles. The City is seeking qualified Contractors to construct an addition to the existing building, construct an outdoor covered storage area, abatement the interior of the police department, and complete interior improvements at the Santa Paula Police Department.

1.2 Background

The City of Santa Paula does not have the personnel able and/or available to perform the necessary building repairs.

2. BIDS, REQUIREMENTS AND SUBMISSION INSTRUCTIONS TO PROPOSERS

2.1 Due Date.: Bid is due **December 10, 2026, at 3:00 p.m.** Pacific Time. Bids for the project will be received in person by the Santa Paula City Clerk's Office, City of Santa Paula, 970 Ventura Street, Santa Paula, CA 93060. Bids submitted by mail or courier service must be received by the date and time listed above.

2.2 Number of Copies. Submit 1 Original and 2 copies of your bid in a sealed envelope or package.

2.3 Sealed package. All bids must be submitted in a sealed package or envelope listing the following information on the outside:

RFB Title:
SANTA PAULA POLICE DEPARTMENT PHASE II PROJECT

2.4 Point of Contact. This Request for Bids (RFB) is issued by the City of Santa Paula. Communications initiated by respondents to this RFB (the "Proposer") with members of the City Council or City personnel, other than as coordinated by the Point of Contact, shall be grounds for Proposer disqualification. Any inquiries or requests during this procurement shall be submitted to the following Persons in writing:

City of Santa Paula
Parks and Recreation Department
Attention: Gregory Barnes, Parks and Recreation Director
970 Ventura Street, Santa Paula, CA 93060
gbarnes@spcity.org

City of Santa Paula Project Consultant
Robert William Company, LLC
Attention: Bill Lindsay, Consultant
PO Box 1025, Santa Paula, CA 93061
wmglindsay@gmail.com

3. CONTRACT

The proposed contract shall be exclusively between the chosen Building Contractor and the City of Santa Paula. See Exhibit #3 - Short From Construction Contract and Insurance Requirements (SAMPLE). Proposers are expected to review the document and provide any exceptions taken to the terms and conditions therein as part of their offer to the City.

REQUIRED PERFORMANCE BOND (Surety or Cash Performance Bond)

Surety Performance Bond – The contractor whose bid is accepted shall furnish a performance bond at its own expense with a company acceptable to the City in the full amount (100%) of the award. The bond shall be made payable to City of Santa Paula. The performance bond shall serve as security for the faithful performance of this contract including any maintenance or warranty provisions and for the payment of all persons performing labor or furnishing materials in connection with this contract. Premiums for the performance bond shall be paid by the contractor. If at any time the City shall be dissatisfied with any surety or surety bond or performance bond, or if for any other reasons such bond shall cease to be adequate security for the City, the contractor shall within ten (10) days after notice from the City to do so, substitute an acceptable bond in performance and sum and signed by other sureties which are acceptable to the City. The premiums on such substitute bond shall be paid by the contractor. The performance bond shall remain in full force and effect during the life of the contract and during the term of any warranty or maintenance required by the specifications.

The contractor may not commence work until the performance bond has been received and approved by the City.

Cash Performance Bond – Contractor shall be allowed to provide a cash performance bond in lieu of the surety performance bond listed above.

*****All bidders shall include a letter from their bonding agent and submit it with their bid documents, indicating that upon award of the contract, they will be able to secure a performance or guarantee bond.**

4. SCOPE OF WORK

The Contractor is expected to supply all equipment, supplies and product necessary to complete scope of work and general duties. This also includes all health and safety requirements deemed necessary to complete scope of work.

See Exhibit 1 – Scope of Work

5. TECHNICAL BID

To allow the City to evaluate all of the bids on the same basis, it is required that all bids conform in all respects to the specifications outlined in this RFB. If the policy of the Proposed Contractor's firm prevents the Contractor from submitting a bid on the basis of any of the specifications or

assumptions, they may submit it on a basis that is in accordance with the firm's policy. In such a case, however, a statement of reasons for such deviation must be included with a listing of all deviations. The City reserves the right to accept or reject any or all bids. Bids shall consist of answers to questions or requirements identified in this RFB. It is not necessary to repeat the question in the bids; however, it is essential to reference the question number with the corresponding answer.

Provide one original and two copies of your bid. The bid shall:

5.1 Contain a brief list of any pending, settled, tried, or other litigation the firm has been involved in for the past five (5) years, with a description of the case(s) and their current status, if applicable.

5.2 Contain a work plan that concisely explains how the Proposer will carry out the objectives of the project.

5.3 Contain a copy of Contractor's active registration with the Department of Industrial Relations, in good standing.

5.4 Contain a copy of Contractor's active license, in good standing, with California's Contractor State License Board.

5.5 Should the Contractor fail to begin delivery of material and equipment, to commence the Work within the time specified, to maintain the rate of delivery of material, to execute the Work in the manner as specified, or fail to maintain the Work schedule as determined by the City of Santa Paula or the Project Manager the City may terminate the Contractor's control over the Work without liability for damages when, in the City's opinion, the Contractor is not complying in good faith, has become insolvent, or has assigned or subcontracted any part of the Work without the City's Consent. Should such termination occur, the Contractor shall be paid the actual amount due based on the quantity and quality of the Work Completed and in place at the time of termination, less damages caused to the City by the Contractor's action or inaction. In the event of such termination of control, the City may do any one, or combination of, the following:

- The City may perform the Work itself and deduct the cost thereof from any payment due to the Contractor.
- The City may replace the Contractor with a different contractor to complete the Work and deduct the cost thereof from any payment due to the Contractor.
- Nothing herein shall waive, or serve as a limitation upon, any additional remedy the City may have under these Contract Documents or applicable law.

6. AWARD OF BID

The City will award this contract to the lowest bidder that meets the requirements and criteria set forth in this document.

7. FORMAT FOR RESPONSES

7.1 GENERAL INSTRUCTIONS

7.1.1 Bids shall be prepared simply and economically, providing a straightforward, concise description of the Proposer's ability to meet the requirements of this RFB. Emphasis shall be on the quality, completeness and clarity of content.

7.1.2 Proposers shall carefully read the information contained in this RFB and submit a complete response to all requirements and questions as directed. Incomplete bids will be considered non-responsive and subject to rejection

7.1.3 Bids and any other information submitted by Proposers in response to this RFB shall become the property of the City.

7.1.4 Proposers shall prepare and develop bids at the sole cost and expense of the Proposer.

7.1.5 Bids that are qualified with conditional clauses, alterations, items not called for in the RFB documents, or irregularities of any kind are subject to rejection by the City, at its option.

7.1.6 The City makes no representations of any kind that an award of contract will be made as a result of this RFB, or subsequent RFB. The City reserves the right to accept or reject any or all bids, waive any formalities or minor technical inconsistencies, and/or delete any item/requirements from this RFB when deemed to be in City's best interest.

7.1.7 Bids shall consist of answers to questions or requirements identified in this RFB. It is not necessary to repeat the question in the bids; however, it is essential to reference the question number with the corresponding answer.

7.1.8 Failure to comply with all requirements contained in this RFB may result in the rejection of proposal.

7.2 PAGE SIZE, BINDING, DIVIDERS, AND TABS

7.2.1 Bids shall be printed on letter-size (8-1/2” x 11”) paper and assembled with spiral or comb-type bindings or staples.

7.3 SUBMISSION OF PROPOSAL

7.3.1 Time: Bids not received by the time and date indicated on this RFB WILL NOT BE accepted.

7.3.2 Hand Carried: Bids may be hand carried to the City Clerk’s Office, 970 Ventura Street, Santa Paula, CA 93060.

7.3.3 Mail / FedEx / UPS / etc.: Bids may be mailed or shipped to the following:

City of Santa Paula City Clerks' Office Attn: Julie Latshaw
RFB Title: SANTA PAULA POLICE DEPARTMENT PHASE II PROJECT
970 Ventura Street, Santa Paula, CA 93060

The City shall not be responsible for bids that are mailed or shipped and not received by the opening date and time specified in this RFB.

7.3.4 Receipts: Receipts for hand delivered bids shall be issued by the City Clerk's Office (upon request) for bids that are hand carried.

7.3.5 No Other Methods of Proposal Delivery: Neither telephone, telegraphic, nor facsimile bid shall be accepted.

8. MISCELLANEOUS INFORMATION

8.1 Public information. All information, documentation, and other materials submitted in response to this solicitation are considered non-confidential and/or non-proprietary and are subject to public disclosure after the solicitation is completed.

8.2 City's Reservation of Rights. The City may evaluate the bids based on the anticipated completion of all or any portion of the project. The City reserves the right to reject any and all bids and re-solicit for new bids, or to reject any and all bids and temporarily or permanently abandon the project. The City makes no representations, written or oral, that it will enter into any form of agreement with any Proposer to this RFB for any project and no such representation is intended or should be construed by the issuance of this RFB.

8.3 Clarification. The City may, in the evaluation of bids, request clarification from Proposers regarding their bids, obtain additional material or literature, and pursue other avenues of research as necessary to ensure that a thorough evaluation is conducted.

8.4 Acceptance of Evaluation Methodology. By submitting a proposal in response to this RFB, the Proposer accepts the evaluation process and acknowledges and accepts that determination will require subjective judgments by the City.

8.5 No Reimbursement for Cost. Proposer acknowledges and accepts that any costs incurred from the Proposer's participation in this RFB process shall be at the sole risk and responsibility of the Proposer. Proposers submit bids at their own risk and expense.

8.6 Ethical Conduct. The City expects the highest level of ethical conduct from Proposers including adherence to all applicable laws and local ordinances regarding ethical behavior.

8.7 Right to Terminate Negotiations. If an agreement cannot be made with the lowest bidder, City reserves the right to terminate negotiations with that party and enter into negotiations with the next lowest qualified bidder.

8.8 Presentations. Finalists in the selection process may be asked to attend an interview once the RFB process is complete. The finalists may be asked to confirm their proposal via a presentation to the City.

8.9 Modification. Offers may be modified by written notice provided such notice is received prior to the hour and the date specified for receipt of offers.

8.10 Acceptance of Bids. Acceptance of proposal is contingent upon the Proposer's certification and agreement by submittal of its offer, to comply and act in accordance with all provisions of the City.

8.11 Requests for Explanations by Proposers. Any explanation desired by the Proposer regarding the meaning or interpretation of specifications or any part of this Request must be requested in writing and received in the Parks and Recreation Department not less than seven (7) calendar days prior to due date of bids. Oral explanations or instructions given prior to the opening of the offer shall not be binding. The Parks & Recreation Department shall issue any official explanations in writing.

9. PRE-BID INFORMATION MEETING AND SITE TOUR (Optional)

The City of Santa Paula Project Consultant will hold a pre-bid site visit so interested bidders can examine the site to become familiar with the conditions under which the work will be conducted. This pre-bid meeting is set for **November 19, 2026, at 9:00 AM**. Please meet at the **Santa Paula Police Department 214 S. 10th Street, Santa Paula, CA 93060** promptly at 9:00 am. City of Santa Paula Project Consultant Bill Lindsay will conduct a walk-through of the premises; available to review and answer questions regarding the Invitation to Bid document.

10. EXHIBITS AND APPENDICES

Exhibit #1 - Scope of Work
Exhibit #2 - Bid Schedule
Exhibit #3 - Short From Construction Contract and Insurance Requirements (SAMPLE)
Exhibit #4 – Plans
Exhibit #5 – Environmental Report

The City of Santa Paula, Parks and Recreation Division, requests bids in compliance with the Statement of Work listed below.

General Information:

References to Contractor shall be synonymous with bidder.

In order to bid this contract, the contractor must be a California State Licensed Contractor possessing a Category B License and be in good standing and registered as a business with the California Department of Industrial Relations.

All work shall be approved in advance by, and all work shall be under the direction of, the City Parks and Recreation Director, or his designee, City of Santa Paula Project Consultant.

The Contractor shall:

Contractor shall obtain all necessary permits required by laws and regulations, give all required notices, and pay all lawful fees in accordance with requirements for his particular work. Contractor shall deliver to the City certificates of inspection where such are required. All federal, state and local taxes, when applicable are the responsibility of the contractor and should be included in the bid price.

1. Furnish all labor, materials, supervision, tools, equipment, supplies, transportation, and insurance necessary to complete all required work. The Contractor will obtain necessary supplies to complete each task.

2. Have a minimum of five (5) years of continuous building construction experience including knowledge of techniques, tools, equipment and materials typical of the building trades to perform all required work.

3. Contractor is required to register the project & themselves with the Department of Industrial Relations (DIR) and provide proof to the City.

4. The Contractor will commence work within fifteen (15) business days of receiving awarded contract and Notice to Proceed.

5. The requested bid must contain a written project timeline and the project's completion date.

6. No work will commence without City approval of insurance. No work will commence without proper safety equipment and observation of necessary safety conditions onsite.

7. The contractor will pay and be responsible for the prevailing wage to any employees, sub-contractors, apprentices or journeyman laborer.

Operating Hours:

Work must be performed as specified throughout the term of the contract and must be performed during the hours of 7:00 a.m. to 4:00 p.m., Monday through Friday, except for emergencies.

Once work commences, it must continue every workday with the necessary manpower until completed. Workdays shall be considered Monday through Friday, except holidays. In the event work extends past 4:00 p.m. or in the event of an emergency, it must be approved by the City Parks and Recreation Director, or his designee, City of Santa Paula Project Consultant.

Prevailing Wages: Contractor must pay its workers prevailing wages. It is Contractor's responsibility to interpret and implement any prevailing wage requirements and Contractor agrees

to pay any penalty or civil damages resulting from a violation of the prevailing wage laws. In accordance with Labor Code § 1773.2, copies of the prevailing rate of per diem wages are available upon request from the website for State of California Prevailing wage determination at http://www.dir.ca.gov/DLSR/PWD. A copy of the prevailing rate of per diem wages must be posted at the job site.

The Contractor and all subcontractors shall provide certified payroll affidavits verifying compliance with prevailing wages requirements.

Labor rates shall apply only to work actually performed at the City and exclude travel from Contractor's location to the City and back to Contractor's location.

Material/Parts:
All manufacturers' warranties related to material and parts are transferable to the City of Santa Paula. Contractor to use commercial or industrial grade materials and parts.

Safety and Personal Protective Equipment:

Safety and personal protective equipment shall be in compliance with Section 3203, Subchapter 7, Chapter 4 of the California Code of Regulations (Cal-OSHA), and Section 6401 of the California Labor Code. The Contractor shall observe and practice safe work procedures under this bid, which shall include, but not be limited to, safety, job training, hazard communication, methods of containment or absorption of contained materials as detailed in these California regulations.

The contractor shall be responsible for providing and for the placement of barricades, tarps, plastic, flag tape, and all other safety/traffic control equipment required to protect the public, employees, surrounding areas, equipment, and vehicles.

The Contractor shall also provide notification to the City representative and personnel directly affected by construction of any potentially dangerous situations. Upon request, contractor shall provide a copy of his written Safety Program for review by the City.

In the event of an emergency affecting the safety of persons or property, contractor shall act immediately to prevent threatened loss or damage. The contractor shall immediately stop any activity or operation affecting safety until the situation is corrected.

Worker Restroom Requirements – Contractor shall supply sufficient Restroom with handwashing station and facilities for workers at a location.

Clean-up – All existing materials removed from the Building and all other debris generated by the project must be disposed of off-site and in a legal manner.

Where not more specifically described in these specifications, workmanship shall conform to all of the methods and operations of best standards and accepted practices of the trade or trades involved, and shall include all items of fabrication, construction or installation regularly furnished

or required for completion of the services. All work shall be performed by personnel skilled in their respective lines of work.

Contractor shall at all times protect the work, buildings, and contents from exposure to rain, wind, snow, sleet, hail, and any other form of natural hazard, and shall take additional precautions for such risk when absent from the work site.

Contractor shall be responsible for insuring products, materials, equipment, used or brought to the project against all risks of loss, including completed operations, loss of use or business interruption. The City will not be responsible for any loss suffered by Contractor.

Area around work site shall be cleaned each day before leaving the site. Storage, vehicle and equipment staging, and other ground operations shall be reviewed and approved by the City Parks and Recreation Director, or his designee, City of Santa Paula Project Consultant and in advance.

Hazardous, Toxic, and Reactive Chemicals/Materials:

Contractor shall provide Safety Data Sheets (SDS) and Material Safety Data Sheet (MSDS) for all Hazardous, Toxic, or Reactive chemicals which the contractor will be using while performing repair work under this contract. All SDS/MSDS must be approved by the City Director or his designee prior to bringing any hazardous, toxic, or reactive chemicals onto City property.

Contractor shall dispose of all removed or surplus materials in accordance with current City, County, State disposal regulations, and to clean-up the work area to remove all excess or loose materials. Any hazardous or toxic material or liquids used in the roofing replacement shall be removed and disposed of according to EPA and State Rules.

Work Performance:

All work shall be performed, and materials provided in accordance with the following referenced standards:

Upon completion the Contractor shall remove all equipment, materials and debris, leaving the area in a neat, clean and undamaged condition.

Inspection & Warranty:

After the project is complete, work shall be inspected for acceptability and warranty issuance. Any deficiencies shall be corrected by the contractor and made ready for re-inspection within five (5) working days. Upon acceptance, the warranty shall be promptly issued. Warranty duration and limitations must be identified by the Contractor in the bid.

Other:

Bid Default – In case of default by the bidder or contractor, City of Santa Paula may procure the articles or services required by this agreement from other sources and hold the successful bidder responsible for any excess costs.

Hold Harmless – The successful bidder agrees to protect, defend, and hold harmless the City of Santa Paula against any demand for payment for the use of any material, process, article, or device that may form a part of the work covered by either order or contract. Bidder further agrees to indemnify and hold harmless the City of Santa Paula from suits or action of every nature and description brought against it, for or on account of any injuries or damages received or sustained by any party or parties, by or from any of the acts of the contractor, his employees, subcontractors, or agents.

W-9 Form – Successful bidder agrees to complete and place on file annually or as otherwise required by the City of Santa Paula, a federal W-9 Form, "Request for Taxpayer Identification Number and Certification."

– End -

"EXHIBIT #1"

SCOPE OF WORK

PHASE II - NEW BUILD, PARTIAL DEMOLITION, AND REMODEL OF EXISTING CITY OF SANTA PAULA POLICE STATION

CITY OF SANTA PAULA POLICE STATION REMODEL PROJECT
PROJECT LOCATION:
214 SOUTH 1OTH STREET, SANTA PAULA, CA 93060

The purpose of this scope of work is to obtain bids for the new build extension of the existing City of Santa Paula Police Station and a limited area of remodeling of the existing facility including abatement of all ceiling areas not previously abated. The work is divided into two stages to provide continuity for the on-going, working PD staff. Below are the line items that need cost estimates:

STAGE 1:

1. **Site Preparation and Construction of New Evidence Building & Outdoor Covered Storage Area as follows:**

1.1 Site demolition refer to Site Demolition Plan (Sheet A1.2).

- 1.1.1 Remove concrete paver bricks at courtyard (396 sq. ft.).
- 1.1.2 Remove concrete retaining blocks at courtyard (48 lin. ft.)
- 1.1.3 Remove asphalt paving around courtyard area (1,044 sq. ft.). Sawcut driveway and parking stall/area as shown on plan.
- 1.1.4 Remove PVC fencing panels, posts and post footings (if applicable) (34 lin. ft.)
- 1.1.5 Remove concrete table and benches. Arrange for transport to City of Santa Paula Storage Lot located at Corporation Street for storage.
- 1.1.6 Remove all existing landscape in existing courtyard including tree (1 no.), all tree roots, shrubs and groundcover.
- 1.1.7 Protect in place: all utilities including all electrical items (electrical panel, transfer switches, conduits, exterior lighting, security cameras, above ground wiring and any below grade conduits), utility vault with water line connections, building facades, columns, doors, ADA ramp, handrails and concrete paving at Police Station exits.

1.2 Grading of existing courtyard area as follows (Sheets A1.3-A1.5):

- 1.2.1 Remove any remaining organic material from excavation area.
- 1.2.2 Excavate and remove soil 5' in depth and 2' beyond building perimeters. Bottom of excavation to be compacted to 90% (118 cu. yd.). Soil inspections to be completed by others.
- 1.2.3 Remove and recompact to a minimum of 90%. Each lift interval must be tested every 2' by soils engineer to be provided by City.
- 1.2.4 Any imported or export soil must be approved by soils engineer in advance.
- 1.2.5 Final grade to match existing grade and account for proper drainage away from structure. Finish floor of new building to meet existing finished floor level of existing structure, existing adjacent grades and maintain positive drainage away from building and meet all state and local building codes (260 sq. ft.).

1.3 Prepare existing site for new concrete slabs according to foundation plan (Sheet S-1).

1.3.1 For new evidence building slab and driveway apron, install 2" thick layer of sand under a 10 mil. vapor barrier and 2' thick layer of sand (6.5 cu. yd.) over the vapor barrier (531 sq. ft.).
1.3.2 For new outdoor storage area, install 4" thick layer of sand 2 cu. yd.), no vapor barrier.
1.3.3 Install ½" #4 rebar at 18 in. on centers, according to plans (Sheet S-1).
1.3.4 Trench as required for all new electrical and IT conduits to existing electrical connections, including new security keypad at roll-up door. Size conduits according to NEC standard.

1.4 Prepare existing vault for new site improvements and concrete paving.
1.4.1 Sandblast and adjust lids and hinges on existing water vault to match new grades.
1.4.2 Complete repairs as needed.
1.4.3 All exposed metal must be primed and painted.

1.5 Concrete work to include: new footings, grade beams, floor slabs, driveway apron, and raised curbs (Sheets A1.3, S-1 & SD-2):
1.5.1 Prepare forms, footings and reinforcement per engineering drawings and according to industry standards for the new evidence building, driveway apron and outdoor covered storage area.
1.5.2 Install 6" thk. conc. slab and footings (3500 PSI) for new evidence building and driveway apron surrounding existing utility vault (531 sq. ft.).
1.5.3 Install 4" thk. conc. slab and grade beam (3500 PSI) for new outdoor covered storage area (184 sq. ft.).
1.5.4 Driveway apron and outdoor storage area conc. flatwork to have broom finish. Interior concrete finish to be polished with min. .50 COF non-slip texture. No added color.
1.5.5 Install new 6" width conc. curb with integral poured-in-place conc. filled 4" dia. bollards, 3 ft. ht. min. , (10 no.) on 4 ft. centers (59.5 lin. ft.). Install additional 4" dia. conc. filled, 3 ft. ht. min. (8 no.) bollards (29.42 lin. ft.), and required footings in new planter area adjacent to existing conc. ADA ramp and stairs. All bollards to be primed and painted safety yellow color.

1.6 New framing per plans, details, specifications and notes (Sheets S-2 & SD-1):
1.6.1 New evidence building:
1.6.1.1 Install continuous pressure treated 3 x 6 bottom plate and anchor bolts per plans, details, specifications and notes. Note: walls adjacent to existing CMU are to be offset 1" per Sht. A4.0 Section and Details.
1.6.1.2 Install exterior 2 x 6 stud walls w/ ½" thk. plywood sheathing at all exterior walls.
1.6.1.3 Install 6 x 6 DF-L (7 no.) wood posts, strong walls (2 no.), mezzanine floor joists, roof joists and 1 1/8" thk. plywood sheathing at mezzanine floor and ½" thick plywood sheathing at roof. Frame openings at the mezzanine floor and for HVAC mini split units (2 no.) and first floor roll-up door opening.
1.6.2 New outdoor covered storage area:
1.6.2.1 Install 4" x 4" x ¼" thk. sq. structural tube metal posts (4 no.).
1.6.2.2 Frame outdoor covered area with 4 x 14 x ¼" thk. (50ksi) steel tubing.
1.6.2.3 Install 2 x 8 ledger at exterior wall of new evidence building.

1.7 New Roof Installation per plans, details, specifications and notes (Sheets A2.1, A2.2 & S-2)
1.7.1 The new evidence building roof:
1.7.1.1 Install underlayment, existing building parapet flashing, new scuppers and new parapet coping.
1.7.1.2 Install torch down roof system, class "A" fire rated roof, 2 layers fiberglass base sheet, torch applied mod. mineral sht. Over 2 no. layers 30lb felt (480 sq. ft.).

1.7.2 The new covered outdoor storage:

1.7.2.1 Install one layer 22-gauge galvanized metal roof system over the outdoor covered storage area (171 sq. ft.).

1.8 Insulation at new evidence building:

1.8.1 R21 batt insulation at exterior walls

1.8.2 R38 batt roof insulation

1.9 New evidence building finishes:

1.9.1 Doors – install 1 no. standard commercial roll up door 5' width by 7' height, electronic controls with integrated keypad to be connected to PD IT cabling.

1.9.2 Exterior to be 7/8" thk. 3-coat stucco finish with integral color "La Habra" #P-2090 "Thunderstruck" or appr. eq. 1" sq. alum. "u" channels per Building Elevations (Sht. A 3.1).

1.9.3 Exterior ceiling above vault to be stucco to match building.

1.9.4 Interior ceiling finish at first floor under mezzanine to be 5/8" thk. gyp. bd., smooth finish, primed and painted per paint schedule Sht. A-6.

1.9.5 Interior ceiling finish at mezzanine ceiling to be 5/8" thk. gyp. bd., smooth finish, primed and painted per paint schedule Sht. A-6.

1.9.6 Interior framed walls to be 5/8" thk. gyp. bd., smooth finish, primed and painted per paint schedule Sht. A-6.

1.9.7 Install 6" ht. Vinyl Cove Base to match (E) Phase I remodel at (N) Evidence Building (85 lin. ft.).

1.10 Install all electrical & mechanical items as shown on (Sheets E0.1 thru E4.4 & T24-1 thru T24-3).

1.11 Install all required accessories and additional items:

1.11.1 Install new 4" ga. mtl. downspouts per site plan +/- 21' ht. ea. (2 no.). Painted finish to match stucco color. Primed and painted with mon. 2 coats ea.

1.11.2 Install 6' ht. decorative metal mesh privacy screen at outdoor covered storage area (39 lin. ft.). Primed and painted with min. 2 coats, black matte color.

1.11.3 Install removable decorative metal mesh screening panels at HVAC units (2 no.). Finish to match privacy screen.

1.11.4 Install metal 42" ht. handrail and gate at mezzanine (17 lin. ft.)

1.11.5 Install pulley system at mezzanine ceiling (1 no.).

1.11.6 Install removable ladder for mezzanine access (1 no.).

1.11.7 Paint new 2" wide striping in unloading zone and parking stall per site plan (Sht. A1.3).

1.11.8 Install new concrete wheel stops (2 no.), 6 ft. long per site plan (Sht. A1.3).

STAGE 2:

2. Existing Police Station Abatement as follows: refer to Abatement Plan (Sheet A1.6)

2.1. Refer to Sheet A1.5 for interior demolition plans, demolition notes, and protect-in-place notes.

2.2. Flooring – removal of black mastic under all carpeted areas in (E) Commander Office (127 sq. ft.).

2.3. Ceiling – removal of spray applied acoustic ceiling texture at all existing Police Station areas including: (E) Male Locker Room, (E) Male Locker Room Corridor, (E)Break Room, (E)Chief's Assistant Office, (E) Chief's Office, and (E) Female Toilet Room (856 sq. ft.)

2.4. Window Sills – Ceramic tile & grout on window sills in (E) Chief's Office, (E) Break Room, (E) Conference Room, and (E) Commander Office (48 lin. ft.).

2.5. All required processing by State and Federal Agencies for hazardous materials to be coordinated and finalized by contractor.

3. Existing Police Station Demolition and improvement of existing interior items as follows:

3.1. Demolition: refer to (N) Demolition Plan (Sheet A1.5)

3.1.1. Decommission all (E)electrical, IT and HVAC lines prior to commencement of Phase II Stage 2 renovation work.

3.1.2. Remove single hung windows in (E) Break Room, (E) Conference Room, (E) Commander Office #1, (E) Commander Office #2 and (E) Chief's Office (264 sq. ft.).

3.1.3. Remove CMU to floor level at two locations (E) Break Room and (E) Conference Room. refer to plan for exact opening sizes (10.5 cu. ft.)

3.1.4. Remove carpeting, base, and pad (if present) at (E) Commander Offices and (E) Interview Room (303 sq. ft.).

3.1.5. Remove LVP at (E) Chief's Office, (E) Chief's Assistant Office, (E) Conference Room, (E) Storage Room and (609 sq. ft.). LVP at (E) Break Room to remain and be patched with (N) same LVP material.

3.1.6. Remove vinyl roll flooring and base at (E) Armory and (E) Briefing/Training/EOC(412 sq. ft.).

3.1.7. Remove vinyl square tile flooring and base at (E) Explorer Locker Room (151 sq. ft.).

3.1.8. Remove interior partition walls as shown on plan (560 sq. ft.)

3.1.9. Remove (E) "T" bar ceiling panels and supports at (E)Briefing/Training/EOC (296 sq. ft.)

3.1.10. Remove doors and frames (4 no.).

3.1.11. Remove all built-in lockers, shelving, partial cabinetry at (E) Conference Room, (E) Storage Room, (E) Break Room (E) Explorer's Locker Room and (E) Briefing Room (120 lin. ft.).

3.1.12. Install secure plywood panels with blocking at all (E) window openings to be remodeled (264 sq. ft.).

4. Flooring: refer to (N) Flooring Plan and notes (Sheet A2.3)

4.1. Remove all debris, utilize ZEP Floor Sweeping Compound (or appr. eq.) for ensuring clean concrete slab. Patch all holes and surface irregularities with SikaLevel Patch (or appr. eq.) for adherence to new material per manuf. specifications.

4.2. Floor at (N) Expanded IT Room to remain concrete and receive a clear sealer SikaThoroSeal Plus (or appr. eq.)with min. .50 COF non-slip texture (118 sq. ft.).

4.3. Install Vinyl Plank Flooring to match (E) Phase I remodel at all (N) areas with thresholds at doors as shown on plans. (2,000 sq. ft.).

4.4. Install 6" ht. Vinyl Cove Base to match (E) Phase I remodel at (N) remodeled areas (645 lin. ft.).

5. Walls: refer to (N) Floor Plan, Cross, Longitudinal Sections & Details (Sht. A2.0 & A4.0)

5.1. Install exterior 6" width CMU at (N) Expanded IT Room/previous window at (E) Chief's Office (70 sq. ft.). Horiz. & vertical bracing required to secure to (E) CMU. Exterior face to get stucco finish to match (E) Phase I remodel Records. Interior face to have clean grout lines and receive primed and painted finish, min. two coats per Paint Schedule Sht. A-6.0.

5.2. Install 6" sq. glass blocks at (N) expanded IT Room to match (E) Phase I remodel at Records. Opening to have both horiz. and vertical bracing along with metal perimeter frame secured to (E) CMU per manufacturer's installation specifications (16 sq. ft.).

5.3. Install (N) 2 x 4 stud partition walls with 5/8" thick gypsum board each side at (N) Expanded IT Room (476 sq. ft.)

5.4. Frame in (E) window openings, doors and soffits per Floor Plan (5 no.) 2 x 4 studs with 5/8" thick gypsum board each side at (N) Evidence Manager Office, (N) Evidence Deposit Room, (N) Evidence Work Area, (N) Assistant Chief Office, (N) Chief Office, and (E) Dispatch at Corridor.

5.5. Install (N) 2 x 4 stud soffit with 5/8" thick gypsum board each side at reconfigured (N) Conference Room ceiling (59 lin. ft.) per Reflected Ceiling Plan Sht. A-2.5.

6. **Doors: refer to for (N) Door Schedule and Types (Sht. A-6.0)**
   6.1. Install 2 no. heavy duty interior metal doors and frames with 2'-10" min. clear width x 7'-0" height. Each door to have self-closure hardware, integral secured keypad deadbolt lock, 12" width kick-plate each side, 4" width push plate, 4" width pull plate. Side view panel at (N) Evidence Manager's Office to be privacy glass.

7. **Windows: refer to (N) Window Schedule and Types (Sht. A-6.0)**
   7.1. Install 2 no. (N) storefront systems including integral doors and security key pads at (N) Evidence Manager's Office and (N) Chief's Office (211 sq. ft.).
   7.2. Install 1 no. dual glazed fixed window at (N) Chief's Office (13.7 sq. ft.).

8. **Ceilings: refer to (N) Reflected Ceiling Plan (Sht. A-2.5)**
   8.1. Skim coat all (E) ceiling areas and (N) abated ceiling areas except at the (E) Armory, (N) Briefing Room, (N) Break Room, (N) Kitchen and (N) Sargeant Office, providing a smooth surface matching Phase I PD remodel ceilings finish and texture (1,691 sq. ft.).
   8.2. Provide (N) suspended "T" bar ceiling at (E) Armory, (N) Briefing Room, (N) Break Room, (N) Kitchen and (N) Sargeant Office. Armstrong "Prelude XL" 2 x 4, white or (appr. eq.) (834 sq. ft.)

9. **Electrical: refer to sheets E 0.1 thru E4.4 for all notes, specifications and plans.**

10. **Mechanical for New Evidence Building only:**
    10.1. Provide 2 no. mini-split HVAC units at Mezzanine, accessible from (E) PD Building and above (E) roof parapet. Units to be Mitsubishi Model # PKA-AK30NL & PUZ-AH30NL 30,000 BTU/H WALL-MOUNTED INDOOR UNIT 31,000 BTU/H HEAT PUMP OUTDOOR UNIT (or appr. eq.) and meet Title 24 requirements for specifications.

11. **Finishes: refer to (N) Interior Elevations and (N) Schedules (Sht. A5.0 & A6.0)**
    11.1. Prime and paint all Stage 2 remodeled area walls with min. two coats eggshell fin.(7,529 sq. ft.).
    11.2. Paint all remodeled area Stage 2 ceilings including all abated and skim coated areas with min. two coats flat finish (1,691 sq. ft.).
    11.3. Prime and paint all doors, frames, and trim in remodeled areas with min. two coats enamel paint to match (E) Phase I PD remodel (546 sq. ft.).
    11.4. Add laminate end caps to match laminate cabinetry at (N) Kitchen new opening and (N) Sargeant Office Area (24 lin. ft.).

12. **Cabinetry: custom built-in laminate commercial grade (Wilsonart or appr. equal to match Phase I cabinetry and hardware, refer to (N) Interior Elevations (Sht. A 5.0).**
    12.1. Install laminate base and upper cabinets at (N) Kitchen (20 lin. ft.).
    12.2. Install laminate upper cabinets with pull out drawers at (N) Warehouse (10 lin. ft.).
    12.3. Install laminate adjustable shelves and brackets at (N) Evidence Work Area (32 lin. ft.).
    12.4. Install 12" width double lockers at (N) Explorer Locker Room (8 no.).
    12.5. Install custom display case at previous (E) dispatch door location at hallway

Note: Existing Building HVAC System, Security Systems, Signage and Loose Furniture N.I.C.

Additional Info:

- Project will be Prevailing Wage
- Prior to contract commencement, contractor must provide a roster of staffing for the contractor, subcontractor and all vendors that will be on site. Background checks will be required for all contractors, subcontractors, and all vendors on the job site. SPPD to conduct the CLETS criminal background checks. SPPD to provide visitor tags to all contractors, subcontractors and vendors

shall be worn at all times. In the event the contractor, contractor staff, subcontractors or vendor is determined ineligible for working at this site, alternative staffing will be required.

- Project to be completed to accepted industry standards, all current applicable Building and Safety codes for compliance of building and site improvements.
- Contractor to coordinate all required City of Santa Paula Building and Safety job site inspections as required for compliance, be responsible for pulling of project permit and obtaining job card signatures.
- Contractor and all sub-contractors are required to maintain a clean job site at all times including but not limited to: removal of all trash and excess materials daily, all construction areas to be swept daily and kept generally free of litter, excess materials and waste.
- Contractor to ensure job site is secure at all times. At NO time shall the job site be unlocked and accessible to the general public. All doors to remain locked, alarmed and opened only in coordination with SPPD Staff and/or Project Manager.
- Upon completion of work, contractor to repair all damaged items and areas damaged during construction.
- Number of days required to complete the work is 90. Work hours are from 8am to 4pm Monday through Friday.

Property Owner:
City of Santa Paula

Contact Info:
Project Manager
Christina Grina
(805) 671-9811
Robert William Company, LLC
917 Railroad Ave
Santa Paula, Ca 93060

Project Manager
Bill Lindsay
(805) 625-1144
Robert William Company, LLC
917 Railroad Ave
Santa Paula, Ca 93060

Exhibit #2
BID SCHEDULE FOR:
City of Santa Paula Police Department Phase II Project

Contractor Name: _____ Lic.#_____

A. The undersigned purposes to furnish all Labor, Equipment and Materials required to complete the Improvements per the contract and price specified below.

B. This bid includes addenda number(s) (IF REQUIRED) _ _ _ _ _ _ _ _ _

All Quantities are computed on an "Approx. Measured in Place Basis". Bidders shall compute their own measurements and waste factors into their bids.

C.

No.	Description	Quantity	Unit	Total Price
1.	General Conditions	1	Each	_____
Stage 1:				
2.	Site Demolition SOW items 1.1	1	Each	_____
3.	Grading & Site Preparation SOW items 1.2, 1.3 & 1.4	1	Each	_____
4.	Concrete SOW items 1.5	1	Each	_____
5.	Framing, Roof, Insulation & Finishes SOW items 1.6, 1.7, 1.8 & 1.9	1	Each	_____
6.	Electrical, Mechanical, Accessories & Misc. SOW items 1.10 & 1.11	1	Each	_____
Stage 2:				
7.	Abatement SOW items 2.0	1	Each	_____
8.	Demolition SOW items 3.0	1	Each	_____
9.	Renovation of (E) areas , SOW items 4.0, 5.0, 6.0, 7.0, 8.0, 11.0 & 12.0	1	Each	_____
10.	Electrical & Mechanical SOW items 9.0 & 10.0	1	Each	_____

The Sum of the Total Bid = Proposed contract price: $_____

Submitted By:

Name: _____

Signed By: _____

Date: _____

Exhibit #3
SAMPLE

CITY OF SANTA PAULA
SHORT FORM CONSTRUCTION CONTRACT

Santa Paula Police Department Phase II Project

1. PARTIES AND DATE.

This Contract is made and entered into this [***INSERT DAY***] day of [***INSERT MONTH***], [***INSERT YEAR***] by and between the City of Santa Paula, a municipal corporation organized under the laws of the State of California with its principal place of business at 970 Ventura Street, Santa Paula, CA 93060, County of Ventura, State of California ("City") and [***INSERT NAME***], a [***INSERT TYPE OF ENTITY - CORPORATION, PARTNERSHIP, SOLE PROPRIETORSHIP OR OTHER LEGAL ENTITY***] with its principal place of business at [***INSERT ADDRESS***] ("Contractor"). City and Contractor are sometimes individually referred to as "Party" and collectively as "Parties" in this Contract.

2. RECITALS.

2.1 City. City is a public agency organized under the laws of the State of California, with power to contract for services necessary to achieve its purpose.

2.2 Contractor. Contractor desires to perform and assume responsibility for the provision of certain construction services required by the City on the terms and conditions set forth in this Contract. Contractor represents that it is duly licensed and experienced in providing [***INSERT DESCRIPTION OF PROJECT WORK***] related construction services to public clients, that it and its employees or subcontractors have all necessary licenses and permits to perform the services in the State of California, and that it is familiar with the plans of City. The following license classifications are required for this Project: [***INSERT LICENSE CLASSIFICATIONS***]

2.3 Project. City desires to engage Contractor to render such services for the [***INSERT PROJECT NAME***] ("Project") as set forth in this Contract.

2.4 Project Documents & Certifications. Contractor has obtained, and delivers concurrently herewith, [***INSERT APPLICABLE PERFORMANCE BOND, PAYMENT BOND, INSURANCE DOCUMENTS AND OTHER CERTIFICATIONS] as required by the Contract.

3. TERMS

3.1 Compensation and Payment.

3.1.1 Amount of Compensation. As consideration for performance of the Work required herein, City agrees to pay Contractor the Total Contract Price of [INSERT WRITTEN DOLLAR AMOUNT]Dollars ($[INSERT NUMERICAL DOLLAR AMOUNT]_.00) ("Total Contract Price") provided that such amount shall be subject to adjustment pursuant to the applicable terms of this Contract or written change orders approved and signed in advance by the City.

3.1.2 Payment of Compensation. If the Work is scheduled for completion in thirty (30) or less calendar days, City will arrange for payment of the Total Contract Price upon completion and approval by City of the Work. If the Work is scheduled for completion in more than thirty (30) calendar days, City will pay Contractor on a monthly basis as provided for herein. On or before the fifth (5th) day of each month, Contractor shall submit to the City an itemized application for payment in the format supplied by the City indicating the amount of Work completed since commencement of the Work or since the last progress payment. These applications shall be supported by evidence which is required by this Contract and such other documentation as the City may require. The Contractor shall certify that the Work for which payment is requested has been done and that the materials listed are stored where indicated. Contractor may be required to furnish a detailed schedule of values upon request of the City and in such detail and form as the City shall request, showing the quantities, unit prices, overhead, profit, and all other expenses involved in order to provide a basis for determining the amount of progress payments.

3.1.3 Prompt Payment. City shall review and pay all progress payment requests in accordance with the provisions set forth in Section 20104.50 of the California Public Contract Code. However, no progress payments will be made for Work not completed in accordance with this Contract. Contractor shall comply with all applicable laws, rules and regulations relating to the proper payment of its employees, subcontractors, suppliers or others.

3.1.4 Contract Retentions. If this Contract is greater than Five Thousand dollars ($5,000), from each approved progress estimate, five percent (5%) will be deducted and retained by the City, and the remainder will be paid to Contractor. All Contract retention shall be released and paid to Contractor and subcontractors pursuant to California Public Contract Code Section 7107.

3.1.5 Other Retentions. In addition to Contract retentions, the City may deduct from each progress payment an amount necessary to protect City from loss because of: (1) liquidated damages which have accrued as of the date of the application for payment; (2) any sums expended by the City in performing any of Contractor's obligations under the Contract which Contractor has failed to perform or has performed inadequately; (3) defective Work not remedied; (4) stop notices as allowed by state law; (5) reasonable doubt that the Work can be completed for the unpaid balance of the Total Contract Price or within the scheduled completion date; (6) unsatisfactory prosecution of the Work by Contractor; (7) unauthorized deviations from the Contract; (8) failure of Contractor to maintain or submit on a timely basis proper and sufficient documentation as required by the Contract or by City during the prosecution of the Work; (9) erroneous or false estimates by Contractor of the value of the Work performed; (10) any sums representing expenses, losses, or damages as determined by the City, incurred by the City for which Contractor is liable under the Contract; and (11) any other sums which the City is entitled to recover from Contractor under the terms of the Contract or pursuant to state law, including Section 1727 of the California Labor Code. The failure by the City to deduct any of these sums from a progress payment shall not constitute a waiver of the City's right to such sums.

3.1.6 Substitutions for Contract Retentions. Pursuant to California Public Contract Code section 22300, Contractor may substitute securities for any money withheld by the City to ensure the performance under the Contract. At the request and expense of Contractor, securities equivalent to the amount withheld shall be deposited with the City, with the State or a federally chartered bank as the escrow agent, who shall return such securities to Contractor upon satisfactory completion of the Contract. Deposit of securities with an escrow agent shall be subject to a written agreement between the escrow agent and the City, which provides that no portion of the securities shall be paid to Contractor until the City has certified to the escrow agent,

in writing, that the Contract has been satisfactorily completed. The City shall certify that the Contract has been satisfactorily completed within sixty (60) days of work "completion" as defined in Section 7107(c) of the California Public Contract Code. Securities eligible for investment under this section shall be limited to those listed in Section 16430 of the Government Code, bank or savings & loan certificates of deposit, interest-bearing demand deposit accounts, stand-by letters of credit, or any other security mutually agreed to by Contractor.

3.1.7 Payment to Subcontractors. Contractor shall pay all subcontractors for and on account of work performed by such subcontractors in accordance with the terms of their respective subcontracts and as provided for in Section 7108.5 of the California Business and Professions Code. Such payments to subcontractors shall be based on the measurements and estimates made and progress payments provided to Contractor pursuant to this Contract.

3.1.8 Title to Work. As security for partial, progress, or other payments, title to Work for which such payments are made shall pass to the City at the time of payment. To the extent that title has not previously been vested in the City by reason of payments, full title shall pass to the City at delivery of the Work at the destination and time specified in this Contract. Such transferred title shall in each case be good, free and clear from any and all security interests, liens, or other encumbrances. Contractor promises and agrees that it will not pledge, hypothecate, or otherwise encumber the items in any manner that would result in any lien, security interest, charge, or claim upon or against said items. Such transfer of title shall not imply acceptance by the City, nor relieve Contractor from the responsibility to strictly comply with the Contract and shall not relieve Contractor of responsibility for any loss of or damage to items.

3.1.9 Labor and Material Releases. Contractor shall furnish City with labor and material releases from all subcontractors performing work on, or furnishing materials for, the Work governed by this Contract prior to final payment by City.

3.2 Incorporation of Documents. This Contract includes and hereby incorporates in full by reference the following documents, including all exhibits, drawings, specifications, and documents therein, and attachments and addenda thereto: [***INSERT ADDITIONAL DOCUMENT OR REMOVE DOCUMENT LISTED IF NOT APPLICABLE TO THIS CONTRACT]

- Services/Schedule (Exhibit “A”)
- Plans and Specifications (Exhibit “B”)
- Special Conditions (Exhibit “C”)
- Contractor’s Certificate Regarding Workers’ Compensation (Exhibit “D”)
- Public Works Contractor Registration Certification (Exhibit “E”)
- Payment and Performance Bonds (Exhibit “F”)
- Federal Requirements (Exhibit “G”)
- Addenda
- Change Orders executed by the City
- [***INSERT EDITION***] Edition of the Standard Specifications for Public Works Construction (The Greenbook), Excluding Sections 1-9
- Notice Inviting Bids, if any
- Instructions to Bidders, if any
- Contractor’s Bid

To the extent there is a conflict between any portions of this Contract, the order of precedence shall be as follows: change orders, special conditions, technical specifications,

plans/construction drawings, general contract terms, scope of work, standard plans, advertisements for bid/proposals, bids/proposals or other documents submitted by Contractor.

3.3 Contractor's Basic Obligation; Scope of Work.

3.3.1 Scope of Work. Contractor promises and agrees, at its own cost and expense, to furnish to the City all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately complete the Project, including all structures and facilities necessary for the Project or described in the Contract (hereinafter sometimes referred to as the "Work"), for a Total Contract Price as specified pursuant to this Contract. All Work shall be subject to, and performed in accordance with the above referenced documents, as well as the exhibits attached hereto and incorporated herein by reference. The plans and specifications for the Work are further described in Exhibit "B" attached hereto and incorporated herein by this reference. Special Conditions, if any, relating to the Work are described in Exhibit "C" attached hereto and incorporated herein by this reference.

3.3.2 Change in Scope of Work. Any change in the scope of the Work, method of performance, nature of materials or price thereof, or any other matter materially affecting the performance or nature of the Work shall not be paid for or accepted unless such change, addition or deletion is approved in advance and in writing by a valid change order executed by the City.

3.3.3 Change Orders. Changes to the Contract Time (as defined in Section 3.3) or Total Contract Price shall be in the form of a written Change Order, either signed by both parties or issued unilaterally by the City. No adjustment shall be made to the Contract Time unless the delay impacts the critical path to completion and the delay was not caused in whole or in part by the Contractor. The City's liability to Contractor for delays for which the City is responsible shall be limited to only an extension of time unless such delays were unreasonable under the circumstances. Failure to timely request a Change Order shall constitute a waiver of any right to adjust the Contract Time or the Total Contract Price. All requests for Change Orders shall be accompanied by detailed supporting documentation, including but not limited to payroll records, invoices, schedules, and any other documentation requested by the City for the purpose of determining the additional costs or the impact of any delay. If the change involves Work bid at a unit price, then the Total Contract Price shall be increased at the unit price. If there is no unit price, then the Total Contract Price shall be adjusted to account for costs actually incurred plus an allowed mark-up of fifteen percent (15%), which shall constitute the entire amount of profit, mark-ups, field or home office overhead costs, including personnel, equipment or office space, any materials, or any costs of equipment idle time for such work. Regardless of ownership, equipment rates shall not exceed the listed prevailing rates at local equipment rental agencies, or distributors, at the time the work is performed. Nothing herein shall prevent the Parties from agreeing to a lump sum cost.

3.3.4 Changes Ordered By City. City may at any time issue a written directive ordering additions, deletions, or changes to the Work. Contractor shall proceed with the work in accordance with the directive. To the extent the directive results in extra work or requires additional Contract Time, Contractor shall request a Change Order within seven (7) days of receiving the Work Directive. If any costs are not capable of being determined within seven (7) days, then Contractor shall request a Change Order within seven (7) days of when the costs are capable of being determined.

3.3.5 Changes Requested By Contractor. With respect to any matter that may involve or require an adjustment to the Contract Time or the Contract Price, Contractor shall provide written notice of the underlying facts and circumstances that gave rise to the potential change within seven (7) days or prior to the alteration of conditions, whichever is earlier. Failure to give notice shall constitute a waiver of Contractor's right to a change order. If any costs are not capable of being determined within seven (7) days, then Contractor shall request a Change Order within seven (7) days of when the costs are capable of being determined.

3.4 Substitutions/"Or Equal". Pursuant to Public Contract Code Section 3400(b), the City may make a finding that designates certain products, things, or services by specific brand or trade name. Unless specifically designated in this Contract, whenever any material, process, or article is indicated or specified by grade, patent, or proprietary name or by name of manufacturer, such Specifications shall be deemed to be used for the purpose of facilitating the description of the material, process or article desired and shall be deemed to be followed by the words "or equal."

Contractor may, unless otherwise stated, offer for substitution any material, process or article which shall be substantially equal or better in every respect to that so indicated or specified in this Contract. However, the City may have adopted certain uniform standards for certain materials, processes and articles. Contractor shall submit requests, together with substantiating data, for substitution of any "or equal" material, process or article no later than thirty-five (35) days after award of the Contract. To facilitate the construction schedule and sequencing, some requests may need to be submitted before thirty-five (35) days after award of Contract. Provisions regarding submission of "or equal" requests shall not in any way authorize an extension of time for performance of this Contract. If a proposed "or equal" substitution request is rejected, Contractor shall be responsible for providing the specified material, process or article. The burden of proof as to the equality of any material, process or article shall rest with Contractor.

The City has the complete and sole discretion to determine if a material, process or article is an "or equal" material, process or article that may be substituted. Data required to substantiate requests for substitutions of an "or equal" material, process or article data shall include a signed affidavit from Contractor stating that, and describing how, the substituted "or equal" material, process or article is equivalent to that specified in every way except as listed on the affidavit. Substantiating data shall include any and all illustrations, specifications, and other relevant data including catalog information which describes the requested substituted "or equal" material, process or article, and substantiates that it is an "or equal" to the material, process or article. The substantiating data must also include information regarding the durability and lifecycle cost of the requested substituted "or equal" material, process, or article. Failure to submit all the required substantiating data, including the signed affidavit, to the City in a timely fashion will result in the rejection of the proposed substitution.

Contractor shall bear all of the City's costs associated with the review of substitution requests. Contractor shall be responsible for all costs related to a substituted "or equal" material, process or article. Contractor is directed to the Special Conditions (if any) to review any findings made pursuant to Public Contract Code section 3400.

3.5 Period of Performance and Liquidated Damages.

3.5.1 Contractor shall perform and complete all Work under this Contract within [***INSERT NUMBER OF CALENDAR OR WORKING DAYS***] days, beginning the effective date of the Notice to Proceed ("Contract Time"). Contractor shall perform its Work in

strict accordance with any completion schedule, construction schedule or project milestones developed by the City. Such schedules or milestones may be included as part of Exhibits "A" or "B" attached hereto or may be provided separately in writing to Contractor. Contractor agrees that if such Work is not completed within the aforementioned Contract Time and/or pursuant to any such completion schedule, construction schedule or project milestones developed pursuant to provisions of the Contract, it is understood, acknowledged, and agreed that the City will suffer damage. Pursuant to Government Code Section 53069.85, Contractor shall pay to the City as fixed and liquidated damages the sum of [***INSERT WRITTEN DOLLAR AMOUNT***] ($[INSERT NUMERICAL DOLLAR AMOUNT_) per day for each and every calendar day of delay beyond the Contract Time or beyond any completion schedule, construction schedule or Project milestones established pursuant to the Contract.

3.5.2 If Contractor is delayed in the performance or progress of the Work by a Force Majeure Event (as defined herein), then the Contractor shall be entitled to a time extension, as provided herein, when the Work stopped is on the critical path and shall not be charged liquidated damages. Such a non-compensable adjustment shall be Contractor's sole and exclusive remedy for such delays and the Contractor will not receive an adjustment to the Total Contract Price or any other compensation. Contractor must submit a timely request in accordance with the requirements of the Contract.

3.5.3 A Force Majeure Event shall mean an event that materially affects a party's performance and is one or more of the following: (1) Acts of God or other natural disasters occurring at the project site; (2) terrorism or other acts of a public enemy; (3) orders of governmental authorities (including, without limitation, unreasonable and unforeseeable delay in the issuance of permits or approvals by governmental authorities that are required for the work); (4) pandemics, epidemics or quarantine restrictions; and (5) strikes and other organized labor action occurring at the project site and the effects thereof on the work, only to the extent such strikes and other organized labor action are beyond the control of Contractor and its subcontractors, of every tier, and to the extent the effects thereof cannot be avoided by use of replacement workers. For purposes of this section, "orders of governmental authorities," includes ordinances, emergency proclamations and orders, rules to protect the public health, welfare and safety, and other actions of the City in its capacity as a municipal authority.

3.6 Standard of Performance; Performance of Employees. Contractor shall perform all Work under this Contract in a skillful and workmanlike manner, and consistent with the standards generally recognized as being employed by professionals in the same discipline in the State of California. Contractor represents and maintains that it is skilled in the professional calling necessary to perform the Work. Contractor warrants that all employees and subcontractors shall have sufficient skill and experience to perform the Work assigned to them. Finally, Contractor represents that it, its employees and subcontractors have all licenses, permits, qualifications and approvals of whatever nature that are legally required to perform the Work, including a City Business License, and that such licenses and approvals shall be maintained throughout the term of this Contract. As provided for in the indemnification provisions of this Contract, Contractor shall perform, at its own cost and expense and without reimbursement from the City, any work necessary to correct errors or omissions which are caused by Contractor's failure to comply with the standard of care provided for herein. Any employee who is determined by the City to be uncooperative, incompetent, a threat to the safety of persons or the Work, or any employee who fails or refuses to perform the Work in a manner acceptable to the City, shall be promptly removed from the Project by Contractor and shall not be re-employed on the Work.

3.7 Control and Payment of Subordinates; Contractual Relationship. City retains Contractor on an independent contractor basis and Contractor is not an employee of City. Any additional personnel performing the work governed by this Contract on behalf of Contractor shall at all times be under Contractor's exclusive direction and control. Contractor shall pay all wages, salaries, and other amounts due such personnel in connection with their performance under this Contract and as required by law. Contractor shall be responsible for all reports and obligations respecting such additional personnel, including, but not limited to: social security taxes, income tax withholding, unemployment insurance, and workers' compensation insurance.

3.8 City's Basic Obligation. City agrees to engage and does hereby engage Contractor as an independent contractor to furnish all materials and to perform all Work according to the terms and conditions herein contained for the sum set forth above. Except as otherwise provided in the Contract, the City shall pay to Contractor, as full consideration for the satisfactory performance by Contractor of the services and obligations required by this Contract, the below-referenced compensation in accordance with compensation provisions set forth in the Contract.

3.9 Labor.

3.9.1 Prevailing Wages. Contractor is aware of the requirements of California Labor Code Section 1720 et seq., and 1770 et seq., as well as California Code of Regulations, Title 8, Section 16000 et seq., ("Prevailing Wage Laws"), which require the payment of prevailing wage rates and the performance of other requirements on "public works" and "maintenance" projects. Since the Work is being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is $1,000 or more, Contractor agrees to fully comply with such Prevailing Wage Laws. City shall provide Contractor with a copy of the prevailing rates of per diem wages in effect at the commencement of this Contract. Contractor shall make copies of the prevailing rates of per diem wages for each craft, classification or type of worker needed to execute the Services available to interested parties upon request and shall post copies at Contractor's principal place of business and at the project site. Contractor shall defend, indemnify, and hold the City, its officials, officers, employees and agents free and harmless from any claim or liability arising out of any failure or alleged failure to comply with the Prevailing Wage Laws. Contractor and any subcontractor shall forfeit a penalty of up to $200 per calendar day or portion thereof for each worker paid less than the prevailing wage rates.

3.9.2 Apprenticeable Crafts. When Contractor employs workmen in an apprenticeable craft or trade, Contractor shall comply with the provisions of Section 1777.5 of the California Labor Code with respect to the employment of properly registered apprentices upon public works. The primary responsibility for compliance with said section for all apprenticeable occupations shall be with Contractor. The Contractor or any subcontractor that is determined by the Labor Commissioner to have knowingly violated Section 1777.5 shall forfeit as a civil penalty an amount not exceeding $100 for each full calendar day of noncompliance, or such greater amount as provided by law.

3.9.3 Hours of Work. Contractor is advised that eight (8) hours labor constitutes a legal day's work. Pursuant to Section 1813 of the California Labor Code, Contractor shall forfeit a penalty of $25.00 per worker for each day that each worker is permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week, except when payment for overtime is made at not less than one and one-half (1-1/2) times the basic rate for that worker.

3.9.4 Payroll Records. Contractor and each subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by him or her in connection with the public work. The payroll records shall be certified and shall be available for inspection at all reasonable hours at the principal office of Contractor in the manner provided in Labor Code section 1776. In the event of noncompliance with the requirements of this section, Contractor shall have 10 days in which to comply subsequent to receipt of written notice specifying in what respects such Contractor must comply with this section. Should noncompliance still be evident after such 10-day period, Contractor shall, as a penalty to City, forfeit not more than $100.00 for each calendar day or portion thereof, for each worker, until strict compliance is effectuated. The amount of the forfeiture is to be determined by the Labor Commissioner. A contractor who is found to have violated the provisions of law regarding wages on Public Works with the intent to defraud shall be ineligible to bid on Public Works contracts for a period of one to three years as determined by the Labor Commissioner. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalties shall be withheld from progress payments then due. The responsibility for compliance with this section is on Contractor. In accordance with Labor Code section 1771.4, the Contractor and each subcontractor shall furnish the certified payroll records directly to the Department of Industrial Relations ("DIR") on a weekly basis and in the format prescribed by the DIR, which may include electronic submission. The requirement to submit certified payroll records directly to the Labor Commissioner under Labor Code section 1771.4 shall not apply to work performed on a public works project that is exempt pursuant to the small project exemption specified in Labor Code Section 1771.4.

3.9.5 Contractor and Subcontractor Registration. Pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the DIR. No bid will be accepted nor any contract entered into without proof of the contractor's and subcontractors' current registration with the DIR to perform public work. Contractor is directed to review, fill out and execute the Public Works Contractor Registration Certification attached hereto as Exhibit "E" prior to contract execution. Notwithstanding the foregoing, the contractor registration requirements mandated by Labor Code Sections 1725.5 and 1771.1 shall not apply to work performed on a public works project that is exempt pursuant to the small project exemption specified in Labor Code Sections 1725.5 and 1771.1.

3.9.6 Labor Compliance; Stop Orders. This Project is subject to compliance monitoring and enforcement by the DIR. It shall be the Contractor's sole responsibility to evaluate and pay the cost of complying with all labor compliance requirements under this Contract and applicable law. Any stop orders issued by the DIR against Contractor or any subcontractor that affect Contractor's performance of Work, including any delay, shall be Contractor's sole responsibility. Any delay arising out of or resulting from such stop orders shall be considered Contractor caused delay subject to any applicable liquidated damages and shall not be compensable by the City. Contractor shall defend, indemnify, and hold the City, its officials, officers, employees and agents free and harmless from any claim or liability arising out of stop orders issued by the DIR against Contractor or any subcontractor.

3.10 Performance of Work; Jobsite Obligations.

3.10.1 Water Quality Management and Compliance.

3.10.1.1 Water Quality Management and Compliance. Contractor shall keep itself and all subcontractors, staff, and employees fully informed of and in compliance with all local, state and federal laws, rules and regulations that may impact, or be implicated by the performance of the Work including, without limitation, all applicable provisions of the Federal Water Pollution Control Act (33 U.S.C. §§ 1300); the California Porter-Cologne Water Quality Control Act (Cal Water Code §§ 13000-14950); local ordinances regulating discharges of storm water; and any and all regulations, policies, or permits issued pursuant to any such authority regulating the discharge of pollutants, as that term is used in the Porter-Cologne Water Quality Control Act, to any ground or surface water in the State.

3.10.1.2 Compliance with the Statewide Construction General Permit. Contractor shall comply with all conditions of the most recent iteration of the National Pollutant Discharge Elimination System General Permit for Storm Water Discharges Associated with Construction Activity, issued by the California State Water Resources Control Board ("Permit"). It shall be Contractor's sole responsibility to file a Notice of Intent and procure coverage under the Permit for all construction activity which results in the disturbance of more than one acre of total land area or which is part of a larger common area of development or sale. Prior to initiating work, Contractor shall be solely responsible for preparing and implementing a Storm Water Pollution Prevention Plan (SWPPP) as required by the Permit. Contractor shall be responsible for procuring, implementing, and complying with the provisions of the Permit and the SWPPP, including the standard provisions, and monitoring and reporting requirements as required by the Permit. The Permit requires the SWPPP to be a "living document" that changes as necessary to meet the conditions and requirements of the job site as it progresses through difference phases of construction and is subject to different weather conditions. It shall be Contractor's sole responsibility to update the SWPPP as necessary to address conditions at the project site.

3.10.1.3 Other Water Quality Rules Regulations and Policies. Contractor shall comply with the lawful requirements of any applicable municipality, drainage City, or local agency regarding discharges of storm water to separate storm drain systems or other watercourses under their jurisdiction, including applicable requirements in municipal storm water management programs.

3.10.1.4 Cost of Compliance. Storm, surface, nuisance, or other waters may be encountered at various times during construction of the Work. Therefore, the Contractor, hereby acknowledges that it has investigated the risk arising from such waters and assumes any and all risks and liabilities arising therefrom.

3.10.1.5 Liability for Non-Compliance. Failure to comply with laws, regulations, standards, ordinances, and permits listed in Sections 3.10.1.1, 3.10.1.2, 3.10.1.3, and 3.10.1.4 of the Contract is a violation of federal and state law. Pursuant to the indemnification provisions of this Contract, Contractor hereby agrees to defend, indemnify, and hold harmless the City and its directors, officials, officers, employees, volunteers, and agents for any alleged violations. In addition, City may seek damages from Contractor for any delay in completing the Work in accordance with the Contract, if such delay is caused by or related to Contractor's failure to comply with the Permit.

3.10.1.6 Reservation of Right to Defend. City reserves the right to defend any enforcement action brought against the City for Contractor's failure to comply with the Permit or any other relevant water quality law, regulation, or policy. Pursuant to the indemnification provisions of this Contract, Contractor hereby agrees to be bound by, and to reimburse the City

for the costs (including the City's attorney's fees) associated with, any settlement reached between the City and the relevant enforcement entity.

3.10.1.7 Training. In addition to the standard of performance requirements set forth in this Contract, Contractor warrants that all employees and subcontractors shall have sufficient skill and experience to perform the work assigned to them without impacting water quality in violation of the laws, regulations and policies described in paragraph 3.10.1. Contractor further warrants that it, its employees, and subcontractors will receive adequate training, as determined by City, regarding the requirements of the laws, regulations and policies described in paragraph 3.10.1 as they may relate to the Work provided under this Contract. Upon request, City will provide the Contractor with a list of training programs that meet the requirements of this paragraph.

3.10.2 Safety. Contractor shall execute and maintain its work so as to avoid injury or damage to any person or property. Contractor shall comply with the requirements of the specifications relating to safety measures applicable in particular operations or kinds of work. In carrying out its Work, Contractor shall at all times be in compliance with all applicable local, state and federal laws, rules and regulations, and shall exercise all necessary precautions for the safety of employees appropriate to the nature of the Work and the conditions under which the Work is to be performed. Safety precautions as applicable shall include, but shall not be limited to, adequate life protection and lifesaving equipment; adequate illumination for underground and night operations; instructions in accident prevention for all employees, such as machinery guards, safe walkways, scaffolds, ladders, bridges, gang planks, confined space procedures, trenching and shoring, fall protection and other safety devices, equipment and wearing apparel as are necessary or lawfully required to prevent accidents or injuries; and adequate facilities for the proper inspection and maintenance of all safety measures. Furthermore, Contractor shall prominently display the names and telephone numbers of at least two medical doctors practicing in the vicinity of the Project, as well as the telephone number of the local ambulance service, adjacent to all telephones at the Project site.

3.10.3 Laws and Regulations. Contractor shall keep itself fully informed of and in compliance with all local, state and federal laws, rules and regulations in any manner affecting the performance of the Contract or the Work, including all Cal/OSHA requirements, and shall give all notices required by law. Contractor shall be liable for all violations of such laws and regulations in connection with the Work. If Contractor observes that the drawings or specifications are at variance with any law, rule, or regulation, it shall promptly notify the City in writing. Any necessary changes shall be made by written change order. If Contractor performs any work knowing it to be contrary to such laws, rules, and regulations and without giving written notice to the City, Contractor shall be solely responsible for all costs arising therefrom. City is a public entity of the State of California subject to certain provisions of the Health & Safety Code, Government Code, Public Contract Code, and Labor Code of the State. It is stipulated and agreed that all provisions of the law applicable to the public contracts of a municipality are a part of this Contract to the same extent as though set forth herein and will be complied with. Contractor shall defend, indemnify and hold City, its officials, directors, officers, employees and agents free and harmless, pursuant to the indemnification provisions of this Contract, from any claim or liability arising out of any failure or alleged failure to comply with such laws, rules or regulations.

3.10.4 Permits and Licenses. Contractor shall be responsible for securing City permits and licenses necessary to perform the Work described herein, including, but not limited to, a City Business License. While Contractor will not be charged a fee for any City permits, Contractor shall pay the City's applicable business license fee. Any ineligible contractor or

subcontractor pursuant to Labor Code Sections 1777.1 and 1777.7 may not perform work on this Project.

3.10.5 Trenching Work. If the Total Contract Price exceeds $25,000 and if the Work governed by this Contract entails excavation of any trench or trenches five (5) feet or more in depth, Contractor shall comply with all applicable provisions of the California Labor Code, including Section 6705. To this end, Contractor shall submit for City's review and approval a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such plan varies from the shoring system standards, the plan shall be prepared by a registered civil or structural engineer.

3.10.6 Hazardous Materials and Differing Conditions. As required by California Public Contract Code Section 7104, if this Contract involves digging trenches or other excavations that extend deeper than four (4) feet below the surface, Contractor shall promptly, and prior to disturbance of any conditions, notify City of: (1) any material discovered in excavation that Contractor believes to be a hazardous waste that is required to be removed to a Class I, Class II or Class III disposal site; (2) subsurface or latent physical conditions at the site differing from those indicated by City; and (3) unknown physical conditions of an unusual nature at the site, significantly different from those ordinarily encountered in such contract work. Upon notification, City shall promptly investigate the conditions to determine whether a change order is appropriate. In the event of a dispute, Contractor shall not be excused from any scheduled completion date and shall proceed with all Work to be performed under the Contract but shall retain all rights provided by the Contract or by law for making protests and resolving the dispute.

3.10.7 Underground Utility Facilities. To the extent required by Section 4215 of the California Government Code, City shall compensate Contractor for the costs of: (1) locating and repairing damage to underground utility facilities not caused by the failure of Contractor to exercise reasonable care; (2) removing or relocating underground utility facilities not indicated in the construction drawings; and (3) equipment necessarily idled during such work. Contractor shall not be assessed liquidated damages for delay caused by failure of City to provide for removal or relocation of such utility facilities.

3.10.8 Air Quality. Contractor must fully comply with all applicable laws, rules and regulations in furnishing or using equipment and/or providing services, including, but not limited to, emissions limits and permitting requirements imposed by the California Air Resources Board (CARB). Although CARB limits and requirements are more broad, Contractor shall specifically be aware of their application to "portable equipment", which definition is considered by CARB to include any item of equipment with a fuel-powered engine. Contractor shall indemnify City against any fines or penalties imposed by CARB, or any other governmental or regulatory agency for violations of applicable laws, rules and/or regulations by Contractor, its subcontractors, or others for whom Contractor is responsible under its indemnity obligations provided for in this Contract.

3.10.9 State Recycling Mandates. Contractor shall comply with State Recycling Mandates. Any recyclable materials/debris collected by the contractor that can be feasibly diverted via reuse or recycling must be hauled by the appropriate handler for reuse or recycling.

3.10.10 Inspection Of Site. Contractor has visited sites where Work is to be performed and has become acquainted with all conditions affecting the Work. Contractor warrants

that it has made such examinations as it deems necessary to determine the condition of the Work sites, its accessibility to materials, workmen and equipment, and to determine the Contractor's ability to protect existing surface and subsurface improvements. No claim for allowances–time or money–will be allowed as to such matters.

3.10.11 Field Measurements. Contractor shall make field measurements, verify field conditions, and shall carefully compare such field measurements and conditions and other information known to Contractor with the Contract Documents before commencing activities. Errors, inconsistencies, or omissions discovered shall be reported to the City immediately and prior to performing any work or altering the condition.

3.11 Completion of Work. When Contractor determines that it has completed the Work required herein, Contractor shall so notify City in writing and shall furnish all labor and material releases required by this Contract. City shall thereupon inspect the Work. If the Work is not acceptable to the City, the City shall indicate to Contractor in writing the specific portions or items of Work which are unsatisfactory or incomplete. Once Contractor determines that it has completed the incomplete or unsatisfactory Work, Contractor may request a re-inspection by the City. Once the Work is acceptable to City, City shall pay to Contractor the Total Contract Price remaining to be paid, less any amount which City may be authorized or directed by law to retain. Payment of retention proceeds due to Contractor shall be made in accordance with Section 7107 of the California Public Contract Code.

3.12 Claims; Government Code Claim Compliance.

3.12.1 Intent. Effective January 1, 1991, Section 20104 et seq., of the California Public Contract Code prescribes a process utilizing informal conferences, non-binding judicial supervised mediation, and judicial arbitration to resolve disputes on construction claims of $375,000 or less. Effective January 1, 2017, Section 9204 of the Public Contract Code prescribes a process for negotiation and mediation to resolve disputes on construction claims. The intent of this Section is to implement Sections 20104 et seq. and Section 9204 of the California Public Contract Code. This Section shall be construed to be consistent with said statutes.

3.12.2 Claims. For purposes of this Section, "Claim" means a separate demand by the Contractor, after a change order duly requested in accordance with the terms of this Contract has been denied by the City, for (A) a time extension, (B) payment of money or damages arising from Work done by or on behalf of the Contractor pursuant to the Contract, or (C) an amount the payment of which is disputed by the City. A "Claim" does not include any demand for payment for which the Contractor has failed to provide notice, request a change order, or otherwise failed to follow any procedures contained in the Contract Documents.

3.12.3 Filing Claims. Claims governed by this Section may not be filed unless and until the Contractor completes all procedures for giving notice of delay or change and for the requesting of a time extension or change order, including but not necessarily limited to the change order procedures contained herein, and Contractor's request for a change has been denied in whole or in part. Claims governed by this Section must be filed no later than fourteen (14) days after a request for change has been denied in whole or in part or after any other event giving rise to the Claim. The Claim shall be submitted in writing to the City and shall include on its first page the following in 16 point capital font: "THIS IS A CLAIM." Furthermore, the claim shall include the documents necessary to substantiate the claim. Nothing in this Section is intended to extend the time limit or supersede notice requirements otherwise provided by contract for the filing of claims,

including all requirements pertaining to compensation or payment for extra Work, disputed Work, and/or changed conditions. Failure to follow such contractual requirements shall bar any claims or subsequent lawsuits for compensation or payment thereon.

3.12.4 Supporting Documentation. The Contractor shall submit all claims in the following format:

3.12.4.1 Summary of claim merit and price, reference Contract Document provisions pursuant to which the claim is made

3.12.4.2 List of documents relating to claim:

(A) Specifications

(B) Drawings

(C) Clarifications (Requests for Information)

(D) Schedules

(E) Other

3.12.4.3 Chronology of events and correspondence

3.12.4.4 Analysis of claim merit

3.12.4.5 Analysis of claim cost, including calculations and supporting documents

3.12.4.6 Time impact analysis in CPM format

3.12.5 City's Response. Upon receipt of a Claim pursuant to this Section, City shall conduct a reasonable review of the Claim and, within a period not to exceed 45 days of receipt of the Claim, or as extended by mutual agreement, shall provide the Contractor a written statement identifying what portion of the Claim is disputed and what portion is undisputed. Any payment due on an undisputed portion of the Claim will be processed and made within 60 days after the City issues its written statement.

3.12.5.1 If City needs approval from its governing body to provide the Contractor a written statement identifying the disputed portion and the undisputed portion of the Claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a Claim sent by registered mail or certified mail, return receipt requested, City shall have up to three (3) days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the Contractor a written statement identifying the disputed portion and the undisputed portion.

3.12.5.2 Within 30 days of receipt of a Claim, City may request in writing additional documentation supporting the Claim or relating to defenses or claims City may have against the Contractor. If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of City and the Contractor. City's written response to the Claim, shall be submitted to the Contractor within 30 Days (if the Claim is

less than $50,000, within 15 Days) after receipt of the additional documentation, or within a period no greater than that taken by the Contractor in producing the additional information or requested documentation, whichever is greater.

3.12.6 Meet and Confer. If the Contractor disputes City's written response, or City fails to respond within the time prescribed, the Contractor may so notify City, in writing, within 15 Days of receipt of City's response or the City's failure to respond and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand, City shall schedule a meet and confer conference within 30 Days for settlement of the dispute.

3.12.7 Mediation. Within 10 business days following the conclusion of the meet and confer conference, if the Claim or any portion of the Claim remains in dispute, City shall provide the Contractor a written statement identifying the portion of the Claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the Claim shall be processed and made within 60 Days after City issues its written statement. Any disputed portion of the Claim, as identified by the Contractor in writing, shall be submitted to nonbinding mediation, with City and the Contractor sharing the associated costs equally. City and Contractor shall mutually agree to a mediator within 10 business days after the disputed portion of the Claim has been identified in writing unless the Parties agree to select a mediator at a later time.

3.12.7.1 If the Parties cannot agree upon a mediator, each Party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each Party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator.

3.12.7.2 For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the Parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

3.12.7.3 Unless otherwise agreed to by City and the Contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

3.12.7.4 The mediation shall be held no earlier than the date the Contractor completes the Work or the date that the Contractor last performs Work, whichever is earlier. All unresolved Claims shall be considered jointly in a single mediation unless a new unrelated Claim arises after mediation is completed.

3.12.8 Procedures After Mediation. If following the mediation, the Claim or any portion remains in dispute, the Contractor must file a claim pursuant to Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the Contractor submits his or her written Claim pursuant to subdivision (a) until the time the Claim is denied, including any period of time utilized by the meet and confer conference or mediation.

3.12.9 Civil Actions. The following procedures are established for all civil actions filed to resolve Claims of $375,000 or less:

3.12.9.1 Within 60 Days, but no earlier than 30 Days, following the filing or responsive pleadings, the court shall submit the matter to non-binding mediation unless waived by mutual stipulation of both Parties or unless mediation was held prior to commencement of the action in accordance with Public Contract Code section 9204 and the terms of these procedures. The mediation process shall provide for the selection within 15 Days by both Parties of a disinterested third person as mediator, shall be commenced within 30 Days of the submittal, and shall be concluded within 15 Days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court.

3.12.9.2 If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1114.11 of that code. The Civil Discovery Act of 1986 (Article 3 (commencing with Section 2016) of Chapter 3 of Title 3 of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

3.12.9.3 In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, (A) arbitrators shall, when possible, be experienced in construction law, and (B) any party appealing an arbitration award who does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, also pay the attorney's fees on appeal of the other party.

3.12.10 Government Code Claim Procedures.

3.12.10.1 This section does not apply to tort claims and nothing in this section is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commending with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.5 of Title 1 of the Government Code.

3.12.10.2 In addition to any and all Contract requirements pertaining to notices of and requests for adjustments to the Contract Time, Contract Price, or compensation or payment for extra work, disputed work, claims and/or changed conditions, Contractor must comply with the claim procedures set forth in Government Code sections 900 et seq. prior to filing any lawsuit against the City.

3.12.10.3 Such Government Code claims and any subsequent lawsuit based upon the Government Code claims shall be limited to those matters that remain unresolved after all procedures pertaining to adjustment of the Contract Time, Contract Price, or compensation or payment for extra work, disputed work, claims, and/or changed conditions have been followed by Contractor. If no such Government Code claim is submitted, or if any prerequisite contractual requirements are not otherwise satisfied as specified herein, Contractor may not file any action against the City.

3.12.10.4 **A Government Code claim must be filed no earlier than the date the work is completed or the date the Contractor last performs work on the Project, whichever occurs first. A Government Code claim shall be inclusive of all unresolved Claims known to the Contractor excepting only new unrelated Claims that arise after the Government Code claim is submitted.**

3.12.11 Non-Waiver. City's failure to respond to a Claim from the Contractor within the time periods described in this section or to otherwise meet the time requirements of this

section shall result in the Claim being deemed rejected in its entirety and shall not constitute a waiver of any rights under this section.

3.13 Loss and Damage. Except as may otherwise be limited by law, Contractor shall be responsible for all loss and damage which may arise out of the nature of the Work agreed to herein, or from the action of the elements, or from any unforeseen difficulties which may arise or be encountered in the prosecution of the Work until the same is fully completed and accepted by City. In the event of damage proximately caused by an Act of God, as defined by Section 7105 of the Public Contract Code, the City may terminate this Contract pursuant to the termination provisions in this Contract; provided, however, that the City needs to provide Contractor with only one (1) day advanced written notice.

3.14 Indemnification.

3.14.1 Scope of Indemnity**.** To the fullest extent permitted by law, Contractor shall defend, indemnify and hold the City, its officials, employees, agents and volunteers free and harmless from any and all claims, demands, causes of action, suits, actions, proceedings, costs, expenses, liability, judgments, awards, decrees, settlements, loss, damage or injury of any kind, in law or equity, regardless of whether the allegations are false, fraudulent, or groundless, to property or persons, including wrongful death, (collectively, "Claims") in any manner arising out of, pertaining to, or incident to any acts, errors or omissions, or willful misconduct of Contractor, its officials, officers, employees, subcontractors, consultants or agents in connection with the performance of the Contractor's services, the Project or this Contract, including without limitation the payment of all expert witness fees, attorneys' fees and other related costs and expenses. Notwithstanding the foregoing, to the extent required by Civil Code section 2782, Contractor's indemnity obligation shall not apply to such loss or damage which is caused by the sole or active negligence or willful misconduct of the City.

3.14.2 Additional Indemnity Obligations**.** Contractor shall defend, with counsel of City's choosing and at Contractor's own cost, expense, and risk, any and all Claims covered by this section that may be brought or instituted against City or its officials, employees, agents, and authorized volunteers. In addition, Contractor shall pay and satisfy any judgment, award or decree that may be rendered against City or its officials, employees, agents, and authorized volunteers as part of any such claim, suit, action, or other proceeding. Contractor shall also reimburse City for the cost of any settlement paid by City or its officials, employees, agents, and authorized volunteers as part of any such claim, suit, action, or other proceeding. Such reimbursement shall include payment for City's attorney's fees and costs, including expert witness fees. Contractor shall reimburse City and its officials, employees, agents, and authorized volunteers, for any and all legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided. Contractor's obligation to indemnify shall survive expiration or termination of this Contract, and shall not be restricted to insurance proceeds, if any, received by the City, its officials, employees, agents and authorized volunteers.

3.15 Insurance. [***CITY RISK MANAGER TO REVIEW TO DETERMINE WHETHER REQUIREMENTS AND LIMITS ARE ACCEPTABLE***]

3.15.1 Time for Compliance. Contractor shall not commence Work under this Contract until it has provided evidence satisfactory to the City that it has secured all insurance required under this section. In addition, Contractor shall not allow any subcontractor to

commence work on any subcontract until it has provided evidence satisfactory to the City that the subcontractor has secured all insurance required under this section. Failure to provide and maintain all required insurance shall be grounds for the City to terminate this Contract for cause.

3.15.2 Minimum Requirements. Contractor shall, at its expense, procure and maintain for the duration of the Contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the Work hereunder by Contractor, its agents, representatives, employees, or subcontractors. Contractor shall also require all of its subcontractors to procure and maintain the same insurance for the duration of the Contract. Such insurance shall meet at least the following minimum levels of coverage:

3.15.2.1 Minimum Scope of Insurance. Coverage shall be at least as broad as the latest version of the following: (1) *General Liability:* Insurance Services Office Commercial General Liability coverage (occurrence form CG 00 01) OR Insurance Services Office Owners and Contractors Protective Liability Coverage Form (CG 00 09 11 88) (coverage for operations of designated contractor); (2) *Automobile Liability:* Insurance Services Office Business Auto Coverage form number CA 00 01, code 1 (any auto); (3) *Workers' Compensation and Employer's Liability:* Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance; and (4) *Builders'/All Risk:* Builders'/All Risk insurance covering for all risks of loss, including explosion, collapse, underground excavation and removal of lateral support (and including earthquakes and floods if requested by the City). Policies shall not contain exclusions contrary to this Contract.

3.15.2.2 Minimum Limits of Insurance. Contractor shall maintain limits no less than: (1) *General Liability:* $2,000,000 per occurrence and $4,000,000 general aggregate for bodily injury, personal injury, and property damage; (2) *Automobile Liability:* $1,000,000 per accident for bodily injury and property damage; (3) *Workers' Compensation and Employer's Liability:* Workers' compensation limits as required by the Labor Code of the State of California. Employer's Liability limits of $1,000,000 each accident, policy limit bodily injury or disease, and each employee bodily injury or disease; and (4) *Builders'/All Risk:* Completed value of the project. Defense costs shall be available in addition to the limits. Notwithstanding the minimum limits specified herein, any available coverage shall be provided to the parties required to be named as additional insureds pursuant to this Contract.

3.15.2.3 Notices; Cancellation or Reduction of Coverage. At least fifteen (15) days prior to the expiration of any such policy, evidence showing that such insurance coverage has been renewed or extended shall be filed with the City. If such coverage is cancelled or materially reduced, Contractor shall, within ten (10) days after receipt of written notice of such cancellation or reduction of coverage, file with the City evidence of insurance showing that the required insurance has been reinstated or has been provided through another insurance company or companies. In the event any policy of insurance required under this Contract does not comply with these specifications or is canceled and not replaced, the City has the right but not the duty to obtain the insurance it deems necessary and any premium paid by the City will be promptly reimbursed by Contractor or the City may withhold amounts sufficient to pay premium from Contractor payments. In the alternative, the City may suspend or terminate this Contract.

3.15.3 Insurance Endorsements. The insurance policies shall contain the following provisions, or Contractor shall provide endorsements (amendments) on forms supplied or approved by the City to add the following provisions to the insurance policies:

3.15.3.1 General Liability. (1) Such policy shall give the City, its officials, employees, agents and volunteers additional insured status using ISO endorsements CG20 10 10 01 plus CG20 37 10 01, or endorsements providing the exact same coverage, with respect to the Work or operations performed by or on behalf of Contractor, including materials, parts or equipment furnished in connection with such work; (2) all policies shall waive or shall permit Contractor to waive all rights of subrogation which may be obtained by the Contractor or any insurer by virtue of payment of any loss or any coverage provided to any person named as an additional insured pursuant to this Contract, and Contractor agrees to waive all such rights of subrogation; and (3) the insurance coverage shall be primary insurance as respects the City, its officials, employees, agents and volunteers, or if excess, shall stand in an unbroken chain of coverage excess of Contractor's scheduled underlying coverage. Any insurance or self-insurance maintained by the City, its officials, employees, agents, and volunteers shall be excess of Contractor's insurance and shall not be called upon to contribute with it.

3.15.3.2 Automobile Liability. (1) Such policy shall give the City, its officials, employees, agents and volunteers additional insured status with respect to the ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired or borrowed by Contractor or for which Contractor is responsible; (2) all policies shall waive or shall permit Contractor to waive all rights of subrogation which may be obtained by the Contractor or any insurer by virtue of payment of any loss or any coverage provided to any person named as an additional insured pursuant to this Contract, and Contractor agrees to waive all such rights of subrogation; and (3) the insurance coverage shall be primary insurance as respects the City, its officials, employees, agents and volunteers, or if excess, shall stand in an unbroken chain of coverage excess of Contractor's scheduled underlying coverage. Any insurance or self-insurance maintained by the City, its officials, employees, agents, and volunteers shall be excess of Contractor's insurance and shall not be called upon to contribute with it in any way.

3.15.3.3 Workers' Compensation and Employer's Liability Coverage. The insurer shall agree to waive all rights of subrogation against the City, its officials, employees, agents and volunteers for losses paid under the terms of the insurance policy which arise from work performed by Contractor.

3.15.3.4 All Coverages. Each insurance policy required by this Contract shall be endorsed to state that: (1) coverage shall not be suspended, voided, reduced or canceled except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City; and (2) any failure to comply with reporting or other provisions of the policies, including breaches of warranties, shall not affect coverage provided to the City, its officials, employees, agents and volunteers.

3.15.4 Builders'/All Risk Policy Requirements. The builders'/all risk insurance shall provide that the City be named as loss payee. In addition, the insurer shall waive all rights of subrogation against the City.

3.15.5 Separation of Insureds; No Special Limitations. All insurance required by this Section shall contain standard separation of insureds provisions. In addition, such insurance shall not contain any special limitations on the scope of protection afforded to the City, its officials, employees, agents and volunteers.

3.15.6 Professional Liability Insurance. All architects, engineers, consultants or design professionals retained by Contractor shall also procure and maintain, for a period of five (5) years following completion of the Contract, errors and omissions liability insurance with a limit

of not less than $1,000,000 per occurrence. This insurance shall name the City, its directors, officials, officers, employees, agents and volunteers as additional and insureds with respect to Work performed and shall otherwise comply with all requirements of this Section. Defense costs shall be paid in addition to the limits.

3.15.7 Deductibles and Self-Insurance Retentions. Any deductibles or self-insured retentions must be declared to and approved by the City. Contractor shall guarantee that, at the option of the City, either: (1) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officials, employees, agents, and authorized volunteers; or (2) the Contractor shall procure a bond or other financial guarantee acceptable to the City guaranteeing payment of losses and related investigation costs, claims and administrative and defense expenses.

3.15.8 Acceptability of Insurers. Insurance is to be placed with insurers with a current A.M. Best's rating no less than A: VII, licensed to do business in California, and satisfactory to the City. Exception may be made for the State Compensation Insurance Fund when not specifically rated.

3.15.9 Verification of Coverage. Contractor shall furnish City with original certificates of insurance and endorsements effecting coverage required by this Contract on forms satisfactory to the City. The certificates and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf and shall be on forms supplied or approved by the City. All certificates and endorsements must be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, at any time.

3.15.10 Subcontractors. All subcontractors shall meet the requirements of this Section before commencing Work. Contractor shall furnish separate certificates and endorsements for each subcontractor. Subcontractor policies of General Liability insurance shall name the City, its officials, employees, agents, and authorized volunteers as additional insureds using form ISO 20 38 04 13 or endorsements providing the exact same coverage. All coverages for subcontractors shall be subject to all of the requirements stated herein except as otherwise agreed to by the City in writing.

3.15.11 Reporting of Claims. Contractor shall report to the City, in addition to Contractor's insurer, any and all insurance claims submitted by Contractor in connection with the Work under this Contract.

3.16 Bond Requirements.

3.16.1 Payment Bond. If required by law or otherwise specifically requested by City in Exhibit "C" attached hereto and incorporated herein by reference, Contractor shall execute and provide to City concurrently with this Contract a Payment Bond in an amount required by the City and in a form provided or approved by the City. If such bond is required, no payment will be made to Contractor until the bond has been received and approved by the City.

3.16.2 Performance Bond. If specifically requested by City in Exhibit "C" attached hereto and incorporated herein by reference, Contractor shall execute and provide to City concurrently with this Contract, a Performance Bond in an amount required by the City and in a form provided or approved by the City. If such bond is required, no payment will be made to Contractor until the bond has been received and approved by the City.

3.16.3 Bond Provisions. Should, in City's sole opinion, any bond become insufficient or any surety be found to be unsatisfactory, Contractor shall renew or replace the effected bond within (ten) 10 days of receiving notice from City. In the event the surety or Contractor intends to reduce or cancel any required bond, at least thirty (30) days prior written notice shall be given to the City, and Contractor shall post acceptable replacement bonds at least ten (10) days prior to expiration of the original bonds. No further payments shall be deemed due or will be made under this Contract until any replacement bonds required by this Section are accepted by the City. To the extent, if any, that the Total Contract Price is increased in accordance with the Contract, Contractor shall, upon request of the City, cause the amount of the bond to be increased accordingly and shall promptly deliver satisfactory evidence of such increase to the City. If Contractor fails to furnish any required bond, the City may terminate the Contract for cause.

3.16.4 Surety Qualifications. Only bonds executed by an admitted surety insurer, as defined in California Code of Civil Procedure Section 995.120, shall be accepted. If a California-admitted surety insurer issuing bonds does not meet these requirements, the insurer will be considered qualified if it is in conformance with Section 995.660 of the California Code of Civil Procedure, and proof of such is provided to the City.

3.17 Warranty. Contractor warrants all Work under the Contract (which for purposes of this Section shall be deemed to include unauthorized work which has not been removed and any non-conforming materials incorporated into the Work) to be of good quality and free from any defective or faulty material and workmanship. Contractor agrees that for a period of one year (or the period of time specified elsewhere in the Contract or in any guarantee or warranty provided by any manufacturer or supplier of equipment or materials incorporated into the Work, whichever is later) after the date of final acceptance, Contractor shall within ten (10) days after being notified in writing by the City of any defect in the Work or non-conformance of the Work to the Contract, commence and prosecute with due diligence all Work necessary to fulfill the terms of the warranty at its sole cost and expense. Contractor shall act sooner as requested by the City in response to an emergency. In addition, Contractor shall, at its sole cost and expense, repair and replace any portions of the Work (or work of other contractors) damaged by its defective Work or which becomes damaged in the course of repairing or replacing defective Work. For any Work so corrected, Contractor's obligation hereunder to correct defective Work shall be reinstated for an additional one year period, commencing with the date of acceptance of such corrected Work. Contractor shall perform such tests as the City may require to verify that any corrective actions, including, without limitation, redesign, repairs, and replacements comply with the requirements of the Contract. All costs associated with such corrective actions and testing, including the removal, replacement, and reinstitution of equipment and materials necessary to gain access, shall be the sole responsibility of Contractor. All warranties and guarantees of subcontractors, suppliers, and manufacturers with respect to any portion of the Work, whether express or implied, are deemed to be obtained by Contractor for the benefit of the City, regardless of whether or not such warranties and guarantees have been transferred or assigned to the City by separate agreement and Contractor agrees to enforce such warranties and guarantees, if necessary, on behalf of the City. In the event that Contractor fails to perform its obligations under this Section, or under any other warranty or guaranty under this Contract, to the reasonable satisfaction of the City, the City shall have the right to correct and replace any defective or non-conforming Work and any work damaged by such work or the replacement or correction thereof at Contractor's sole expense. Contractor shall be obligated to fully reimburse the City for any expenses incurred hereunder upon demand.

3.18 Employee/Labor Certifications.

3.18.1 Contractor's Labor Certification. By its signature hereunder, Contractor certifies that he is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code and agrees to comply with such provisions before commencing the performance of the Work. A certification form for this purpose, which is attached to this Contract as Exhibit "D" and incorporated herein by reference, shall be executed simultaneously with this Contract.

3.18.2 Equal Opportunity Employment. Contractor represents that it is an equal opportunity employer and that it shall not discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, sex, age, or other interests protected by the State or Federal Constitutions. Such non-discrimination shall include, but not be limited to, all activities related to initial employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination.

3.18.3 Verification of Employment Eligibility. By executing this Contract, Contractor verifies that it fully complies with all requirements and restrictions of state and federal law respecting the employment of undocumented aliens, including, but not limited to, the Immigration Reform and Control Act of 1986, as may be amended from time to time, and shall require all subcontractors and sub-subcontractors to comply with the same.

3.19 Termination. This Contract may be terminated by City at any time, either with our without cause, by giving Contractor three (3) days advance written notice. In the event of termination by City for any reason other than the fault of Contractor, City shall pay Contractor for all Work performed up to that time as provided herein. In the event of breach of the Contract by Contractor, City may terminate the Contract immediately without notice, may reduce payment to Contractor in the amount necessary to offset City's resulting damages, and may pursue any other available recourse against Contractor. Contractor may not terminate this Contract except for cause. In the event this Contract is terminated in whole or in part as provided, City may procure, upon such terms and in such manner as it may determine appropriate, services similar to those terminated. Further, if this Contract is terminated as provided, City may require Contractor to provide all finished or unfinished documents, data, diagrams, drawings, materials, or other matter prepared or built by Contractor in connection with its performance of this Contract. Contractor shall be required to provide such document and other information within fifteen (15) days of the request.

3.20 General Provisions.

3.20.1 City's Representative. The City hereby designates the [***INSERT NAME], or his or her designee, to act as its representative for the performance of this Contract ("City's Representative"). City's Representative shall have the power to act on behalf of the City for all purposes under this Contract. Contractor shall not accept direction or orders from any person other than the City's Representative or his or her designee.

3.20.2 Contractor's Representative. Before starting the Work, Contractor shall submit in writing the name, qualifications and experience of its proposed representative who shall be subject to the review and approval of the City ("Contractor's Representative"). Following approval by the City, Contractor's Representative shall have full authority to represent and act on behalf of Contractor for all purposes under this Contract. Contractor's Representative shall supervise and direct the Work, using his best skill and attention, and shall be responsible for all construction means, methods, techniques, sequences, and procedures and for the satisfactory

coordination of all portions of the Work under this Contract. Contractor's Representative shall devote full time to the Project and either he or his designee, who shall be acceptable to the City, shall be present at the Work site at all times that any Work is in progress and at any time that any employee or subcontractor of Contractor is present at the Work site. Arrangements for responsible supervision, acceptable to the City, shall be made for emergency Work which may be required. Should Contractor desire to change its Contractor's Representative, Contractor shall provide the information specified above and obtain the City's written approval.

3.20.3 Contract Interpretation. Should any question arise regarding the meaning or import of any of the provisions of this Contract or written or oral instructions from City, the matter shall be referred to City's Representative, whose decision shall be binding upon Contractor.

3.20.4 Anti-Trust Claims. This provision shall be operative if this Contract is applicable to California Public Contract Code Section 7103.5. In entering into this Contract to supply goods, services or materials, Contractor hereby offers and agrees to assign to the City all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (Chapter 2, commencing with Section 16700, of Part 2 of Division 7 of the Business and Professions Code) arising from purchases of goods, services, or materials pursuant to the Contract. This assignment shall be made and become effective at the time the City tender final payment to Contractor, without further acknowledgment by the Parties.

3.20.5 Notices. All notices hereunder and communications regarding interpretation of the terms of the Contract or changes thereto shall be provided by the mailing thereof by registered or certified mail, return receipt requested, postage prepaid and addressed as follows:

CONTRACTOR:

[***INSERT CONTRACTOR NAME AND ADDRESS***]
ATTN: [***INSERT CONTRACTOR REP. NAME AND TITLE***]

CITY:

CITY OF SANTA PAULA
970 VENTURA STREET
SANTA PAULA, CA 93060
ATTN: [***INSERT NAME AND TITLE***]

Any notice so given shall be considered received by the other Party three (3) days after deposit in the U.S. Mail as stated above and addressed to the Party at the above address. Actual notice shall be deemed adequate notice on the date actual notice occurred, regardless of the method of service.

3.20.6 Time of Essence. Time is of the essence in the performance of this Contract.

3.20.7 Assignment Forbidden. Contractor shall not, either voluntarily or by action of law, assign or transfer this Contract or any obligation, right, title or interest assumed by Contractor herein without the prior written consent of City. If Contractor attempts an assignment

or transfer of this Contract or any obligation, right, title or interest herein, City may, at its option, terminate and revoke the Contract and shall thereupon be relieved from any and all obligations to Contractor or its assignee or transferee.

3.20.8 No Third Party Beneficiaries. There are no intended third party beneficiaries of any right or obligation assumed by the Parties.

3.20.9 Laws; Venue. This Contract shall be interpreted in accordance with the laws of the State of California. If any action is brought to interpret or enforce any term of this Contract, the action shall be brought in a state or federal court situated in the County of Ventura, State of California.

3.20.10 Attorneys' Fees. If either Party commences an action against the other party, either legal, administrative, or otherwise, arising out of or in connection with this Agreement, the prevailing party in such litigation shall be entitled to have and recover from the losing party reasonable attorneys' fees and all other costs of such action.

3.20.11 Counterparts. This Contract may be executed in counterparts, each of which shall constitute an original.

3.20.12 Successors. The Parties do for themselves, their heirs, executors, administrators, successors, and assigns agree to the full performance of all of the provisions contained in this Contract.

3.20.13 Solicitation. Contractor maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Contractor, to solicit or secure this Contract. Further, Contractor warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for Contractor, any fee, commission, percentage, brokerage fee, gift, or other consideration contingent upon or resulting from the award or making of this Contract. For breach or violation of this warranty, City shall have the right to terminate this Contract without liability.

3.20.14 Conflict of Interest. Contractor maintains and warrants that it has not employed nor retained any company or person, other than a bona fide employee working solely for Contractor, to solicit or secure this Contract. Further, Contractor warrants that it has not paid nor has it agreed to pay any company or person, other than a bona fide employee working solely for Contractor, any fee, commission, percentage, brokerage fee, gift or other consideration contingent upon or resulting from the award or making of this Contract. For breach or violation of this warranty, City shall have the right to rescind this Contract without liability. For the term of this Contract, no director, official, officer or employee of City, during the term of his or her service with City, shall have any direct interest in this Contract, or obtain any present or anticipated material benefit arising therefrom. In addition, Contractor agrees to file, or to cause its employees or subcontractors to file, a Statement of Economic Interest with the City's Filing Officer as required under state law in the performance of the Work.

3.20.15 Certification of License.

3.20.15.1 Contractor certifies that as of the date of execution of this Contract, Contractor has a current contractor's license of the classification indicated below under Contractor's signature.

3.20.15.2 Contractors are required by law to be licensed and regulated by the Contractors' State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four (4) years of the date of the alleged violation. A complaint regarding a latent act or omission pertaining to structural defects must be filed within ten (10) years of the date of the alleged violation. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, P.O. Box 26000, Sacramento, California 95826.

3.20.16 Authority to Enter Contract. Each Party warrants that the individuals who have signed this Contract have the legal power, right and authority to make this Contract and bind each respective Party.

3.20.17 Entire Contract; Modification. This Contract contains the entire agreement of the Parties with respect to the subject matter hereof, and supersedes all prior negotiations, understandings, or agreements. This Contract may only be modified by a writing signed by both Parties.

3.20.18 Non-Waiver. None of the provisions of this Contract shall be considered waived by either party unless such waiver is specifically specified in writing.

3.20.19 City's Right to Employ Other Contractors. City reserves right to employ other contractors in connection with this Project or other projects.

3.21 Federal Provisions. [***INCLUDE THIS SECTION ONLY IF APPLICABLE; DELETE OTHERWISE AND DELETE ASSOCIATED EXHIBIT. YOU MAY ALSO NEED TO INCLUDE SOME INFORMATION IN THE RFP DUE TO FEDERAL FUNDING GUIDELINES. CONSULT LEGAL COUNSEL IF NECESSARY***] When funding for the Services is provided, in whole or in part, by an agency of the federal government, Contractor shall also fully and adequately comply with the provisions included in Exhibit "G" (Federal Requirements) attached hereto and incorporated herein by reference ("Federal Requirements"). With respect to any conflict between such Federal Requirements and the terms of this Contract and/or the provisions of state law, the more stringent requirement shall control.

[Signatures on Next Page]

SIGNATURE PAGE FOR CONSTRUCTION CONTRACT
BETWEEN THE CITY OF SANTA PAULA
AND [*INSERT CONTRACTOR NAME***]**

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the date first written above.

CITY OF SANTA PAULA

Approved:

By:_____
[INSERT NAME]
[INSERT TITLE]

ATTESTED:

By:_____
City Clerk

APPROVED AS TO FORM:

_____
Best Best & Krieger LLP
City Attorney

[INSERT NAME OF CONTRACTOR]

[If Corporation, TWO SIGNATURES, President OR Vice President AND Secretary OR Treasurer REQUIRED]

By:_____

Its:_____

Printed Name:_____

By:_____

Its:_____

Printed Name:_____

_____
Contractor's License Number and Classification

_____
DIR Registration Number

EXHIBIT "A"

SERVICES / SCHEDULE

[INSERT SCOPE OF SERVICES]

EXHIBIT "B"

PLANS AND SPECIFICATIONS

[INSERT ALL PLANS AND SPECS]

EXHIBIT "C"

SPECIAL CONDITIONS

[***(READ AND DELETE THIS BLOCK BEFORE USING MODEL): PUBLIC WORKS PROJECTS OF MORE THAN $25,000 WILL REQUIRE PAYMENT BONDS BY LAW. WHERE A PAYMENT BOND IS REQUIRED, WE RECOMMEND REQUIRING A PERFORMANCE BOND AS WELL - INSERT FOLLOWING IF PAYMENT AND/OR PERFORMANCE BONDS REQUIRED – OTHERWISE DELETE AND RENUMBER***]

ARTICLE 1. BONDS

Concurrently with this Contract, the Contractor shall deliver to the City four identical counterparts of the Performance Bond and Payment Bond on the forms supplied by the City and included as Exhibit "F" to the Contract. The surety supplying the bond must be an admitted surety insurer, as defined in Code of Civil Procedure Section 995.120, authorized to do business as such in the State of California and satisfactory to the City. The Performance Bond and the Payment Bond shall be for one hundred percent (100%) of the Total Contract Price.

[*INSERT ADDITIONAL SPECIAL CONDITIONS USING ABOVE FORMAT***]**

EXHIBIT "D"

CERTIFICATION
LABOR CODE - SECTION 1861

I, the undersigned Contractor, am aware of the provisions of Section 3700, et seq., of the California Labor Code which require every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of the Code, and I, the undersigned Contractor, agree to and will comply with such provisions before commencing the performance of the Work on this Contract.

[*INSERT CONTRACTOR NAME***]**

By: _____
Signature

_____
Name (Print)

_____
Title (Print)

EXHIBIT "E"

PUBLIC WORKS CONTRACTOR REGISTRATION CERTIFICATION

Pursuant to Labor Code sections 1725.5 and 1771.1, all contractors and subcontractors that wish to bid on, be listed in a bid proposal, or enter into a contract to perform public work must be registered with the Department of Industrial Relations. See http://www.dir.ca.gov/Public-Works/PublicWorks.html for additional information.

No bid will be accepted nor any contract entered into without proof of the contractor's and subcontractors' current registration with the Department of Industrial Relations to perform public work.

Contractor hereby certifies that it is aware of the registration requirements set forth in Labor Code sections 1725.5 and 1771.1 and is currently registered as a contractor with the Department of Industrial Relations.[1]

Name of Contractor:_____

DIR Registration Number:_____

DIR Registration Expiration:_____

Small Project Exemption: _____ Yes or _____ No

Unless Contractor is exempt pursuant to the small project exemption, Contractor further acknowledges:

1. Contractor shall maintain a current DIR registration for the duration of the project.

2. Contractor shall include the requirements of Labor Code sections 1725.5 and 1771.1 in its contract with subcontractors and ensure that all subcontractors are registered at the time of bid opening and maintain registration status for the duration of the project.

3. Failure to submit this form or comply with any of the above requirements may result in a finding that the bid is non-responsive.

Name of Contractor:_____

Signature:_____

Name and Title:_____

Dated:_____

[1] If the Project is exempt from the contractor registration requirements pursuant to the small project exemption under Labor Code Sections 1725.5 and 1771.1, please mark "Yes" in response to "Small Project Exemption."

EXHIBIT "F"

PAYMENT AND PERFORMANCE BONDS

[***IF NO BOND REQUIREMENTS ARE REQUIRED, REMOVE BONDS AND INSERT "NOT APPLICABLE"]

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS:

THAT WHEREAS, the City of Santa Paula (hereinafter referred to as "City") has awarded to _____, (hereinafter referred to as the "Contractor") _____ an agreement for _____ (hereinafter referred to as the "Project").

WHEREAS the work to be performed by the Contractor is more particularly set forth in the Contract Documents for the Project dated _____, (hereinafter referred to as "Contract Documents"), the terms and conditions of which are expressly incorporated herein by reference; and

WHEREAS, the Contractor is required by said Contract Documents to perform the terms thereof and to furnish a bond for the faithful performance of said Contract Documents.

NOW, THEREFORE, we, _____, the undersigned Contractor and _____ as Surety, a corporation organized and duly authorized to transact business under the laws of the State of California, are held and firmly bound unto the City in the sum of _____ DOLLARS, ($_____), said sum being not less than one hundred percent (100%) of the total amount of the Contract, for which amount well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that, if the Contractor, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and agreements in the Contract Documents and any alteration thereof made as therein provided, on its part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their intent and meaning; and shall faithfully fulfill all obligations including the one-year guarantee of all materials and workmanship; and shall indemnify and save harmless the City, its officers and agents, as stipulated in said Contract Documents, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As a condition precedent to the satisfactory completion of the Contract Documents, unless otherwise provided for in the Contract Documents, the above obligation shall hold good for a period of one (1) year after the acceptance of the work by City, during which time if Contractor shall fail to make full, complete, and satisfactory repair and replacements and totally protect the City from loss or damage resulting from or caused by defective materials or faulty workmanship, Surety shall undertake and faithfully fulfill all such obligations. The obligations of Surety hereunder shall continue so long as any obligation of Contractor remains. Nothing herein shall limit the City's rights or the Contractor or Surety's obligations under the Contract, law or equity, including, but not limited to, California Code of Civil Procedure section 337.15.

Whenever Contractor shall be, and is declared by the City to be, in default under the Contract Documents, the Surety shall remedy the default pursuant to the Contract Documents, or shall promptly, at the City's option:

(1) Take over and complete the Project in accordance with all terms and conditions in the Contract Documents; or

(2) Obtain a bid or bids for completing the Project in accordance with all terms and conditions in the Contract Documents and upon determination by Surety of the lowest responsive and responsible bidder, arrange for a Contract between such bidder, the Surety and the City, and make available as work progresses sufficient funds to pay the cost of completion of the Project, less the balance of the contract price, including other costs and damages for which Surety may be liable. The term "balance of the contract price" as used in this paragraph shall mean the total amount payable to Contractor by the City under the Contract and any modification thereto, less any amount previously paid by the City to the Contractor and any other set offs pursuant to the Contract Documents.

(3) Permit the City to complete the Project in any manner consistent with local, California and federal law and make available as work progresses sufficient funds to pay the cost of completion of the Project, less the balance of the contract price, including other costs and damages for which Surety may be liable. The term "balance of the contract price" as used in this paragraph shall mean the total amount payable to Contractor by the City under the Contract and any modification thereto, less any amount previously paid by the City to the Contractor and any other set offs pursuant to the Contract Documents.

Surety expressly agrees that the City may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Contractor.

Surety shall not utilize Contractor in completing the Project nor shall Surety accept a bid from Contractor for completion of the Project if the City, when declaring the Contractor in default, notifies Surety of the City's objection to Contractor's further participation in the completion of the Project.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract Documents or to the Project to be performed thereunder shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract Documents or to the Project, including but not limited to the provisions of sections 2819 and 2845 of the California Civil Code.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____ day of _____, 20__).

(Corporate Seal)

_____
Contractor/ Principal

By_____

Title_____

(Corporate Seal)

_____
Surety

By_____
Attorney-in-Fact

Signatures of those signing for the Contractor and Surety must be notarized and evidence of corporate authority attached.

(Attach Attorney-in-Fact Certificate) Title_____

The rate of premium on this bond is _____ per thousand. The total amount of premium charges, $_____.

(The above must be filled in by corporate attorney.)

THIS IS A REQUIRED FORM

Any claims under this bond may be addressed to:

(Name and Address of Surety) _____

_____

_____

(Name and Address of Agent or Representative for service of process in California, if different from above) _____

_____

_____

(Telephone number of Surety and Agent or Representative for service of process in California) _____

_____

NOTE: A copy of the Power-of-Attorney authorizing the person signing on behalf of the Surety to do so must be attached hereto.

Notary Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
COUNTY OF _____
On _____, 20___, before me, _____, Notary Public, personally

appeared _____, who proved to me on the basis of satisfactory

evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public _____

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document

and could prevent fraudulent removal and reattachment of this form to another document.

CAPACITY CLAIMED BY SIGNER

☐ Individual
☐ Corporate Officer

_____
Title(s)

☐ Partner(s) ☐ Limited ☐ General
☐ Attorney-In-Fact
☐ Trustee(s)
☐ Guardian/Conservator
☐ Other:

Signer is representing:
Name Of Person(s) Or Entity(ies)

_____
_____

DESCRIPTION OF ATTACHED DOCUMENT

_____
Title or Type of Document

_____
Number of Pages

_____
Date of Document

_____
Signer(s) Other Than Named Above

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS That

WHEREAS the City of Santa Paula (hereinafter designated as the "City"), by action taken or a resolution passed_____, 20____has awarded to _____ hereinafter designated as the "Principal," a contract for the work described as follows:

_____ (the "Project"); and

WHEREAS the work to be performed by the Principal is more particularly set forth in the Contract Documents for the Project dated _____ ("Contract Documents"), the terms and conditions of which are expressly incorporated by reference; and

WHEREAS, said Principal is required to furnish a bond in connection with said contract; providing that if said Principal or any of its Subcontractors shall fail to pay for any materials, provisions, provender, equipment, or other supplies used in, upon, for or about the performance of the work contracted to be done, or for any work or labor done thereon of any kind, or for amounts due under the Unemployment Insurance Code or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of said Principal and its Subcontractors with respect to such work or labor the Surety on this bond will pay for the same to the extent hereinafter set forth.

NOW THEREFORE, we, the Principal and _____ as Surety, are held and firmly bound unto the City in the penal sum of _____ _____ Dollars ($_____) lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if said Principal, his or its subcontractors, heirs, executors, administrators, successors or assigns, shall fail to pay any of the persons named in Section 9100 of the Civil Code, fail to pay for any materials, provisions or other supplies, used in, upon, for or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department or Franchise Tax Board from the wages of employees of the contractor and his subcontractors pursuant to Section 18663 of the Revenue and Taxation Code, with respect to such work and labor the Surety or Sureties will pay for the same, in an amount not exceeding the sum herein above specified, and also, in case suit is brought upon this bond, all litigation expenses incurred by City in such suit, including reasonable attorneys' fees, court costs, expert witness fees and investigation expenses.

This bond shall inure to the benefit of any of the persons named in Section 9100 of the Civil Code so as to give a right of action to such persons or their assigns in any suit brought upon this bond.

It is further stipulated and agreed that the Surety on this bond shall not be exonerated or released from the obligation of this bond by any change, extension of time for performance, addition, alteration or modification in, to, or of any contract, plans, specifications, or agreement pertaining or relating to any scheme or work of improvement herein above described, or pertaining

or relating to the furnishing of labor, materials, or equipment therefore, nor by any change or modification of any terms of payment or extension of the time for any payment pertaining or relating to any scheme or work of improvement herein above described, nor by any rescission or attempted rescission of the contract, agreement or bond, nor by any conditions precedent or subsequent in the bond attempting to limit the right of recovery of claimants otherwise entitled to recover under any such contract or agreement or under the bond, nor by any fraud practiced by any person other than the claimant seeking to recover on the bond and that this bond be construed most strongly against the Surety and in favor of all persons for whose benefit such bond is given, and under no circumstances shall Surety be released from liability to those for whose benefit such bond has been given, by reason of any breach of contract between the owner or City and original contractor or on the part of any obligee named in such bond, but the sole conditions of recovery shall be that claimant is a person described in Section 9100 of the Civil Code, and has not been paid the full amount of his claim and that Surety does hereby waive notice of any such change, extension of time, addition, alteration or modification herein mentioned and the provisions of sections 2819 and 2845 of the California Civil Code.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____ day of _____, 20__.

(Corporate Seal)_____

Contractor/ Principal

By_____

Title_____

_____

(Corporate Seal) Surety

By_____

Attorney-in-Fact

Title_____

Signatures of those signing for the Contractor and Surety must be notarized and evidence of corporate authority attached. A Power-of-Attorney authorizing the person signing on behalf of the Surety to do so much be attached hereto.

NOTE: A copy of the Power-of-Attorney authorizing the person signing on behalf of the Surety to do so must be attached hereto.

Notary Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
COUNTY OF _____
On _____, 20___, before me, _____, Notary Public, personally

appeared _____, who proved to me on the basis of satisfactory

evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public _____

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document

and could prevent fraudulent removal and reattachment of this form to another document.

CAPACITY CLAIMED BY SIGNER

☐ Individual
☐ Corporate Officer

_____
Title(s)

☐ Partner(s) ☐ Limited ☐ General
☐ Attorney-In-Fact
☐ Trustee(s)
☐ Guardian/Conservator
☐ Other:

Signer is representing:
Name Of Person(s) Or Entity(ies)

_____
_____

DESCRIPTION OF ATTACHED DOCUMENT

_____
Title or Type of Document

_____
Number of Pages

_____
Date of Document

_____
Signer(s) Other Than Named Above

EXHIBIT "G"

FEDERAL REQUIREMENTS

[***(READ AND DELETE THIS BLOCK BEFORE USING MODEL): IF THERE ARE FEDERAL REQUIREMENTS AS A RESULT OF FEDERAL FUNDING ON THE PROJECT, INSERT THEM HERE. IF NO FEDERAL FUNDING INSERT "NOT APPLICABLE"***]

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL VERIFY ON SITE ALL DIMENSIONS PRIOR TO STARTING WORK. THE DESIGNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
2. UNLESS OTHERWISE NOTED OR SHOWN, ALL PHASES OF WORK ARE TO CONFORM TO THE MINIMUM STANDARDS OF THE CALIFORNIA BUILDING CODE (LATEST GOVERNING EDITION), LOCAL BUILDING CODES AND THOSE ASTM SPECIFICATIONS UPON WHICH THE STANDARDS ARE BASED. WHERE CONFLICTS BETWEEN BUILDING CODES AND SPECIFICATIONS OCCUR, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
3. ALL ASTM DESIGNATIONS REFERRED TO ON THESE DRAWINGS SHALL BE THE LATEST ADOPTED OR REVISED SPECIFICATIONS.
4. ALL DIMENSIONS TO TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS.
5. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
6. THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE, UNLESS OTHERWISE NOTED OR SHOWN. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK TO COMPLETION OF THE PROJECT, AS INDICATED IN THE CONTRACT DOCUMENTS, AND HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS AND PROCEDURES.
7. DETAILS; CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED THE SAME AS SIMILAR CONDITIONS DETAILED AND/OR INDICATED ON THE PLANS.
8. NAILING; NAILING NOT SHOWN ON THE PLANS SHALL BE IN ACCORDANCE OF GOVERNING BUILDING CODES.
9. PROVIDE ALL TEMPORARY BRACING, SHORING AND GUYING TO AVOID EXCESSIVE STRESSES ON STRUCTURAL ELEMENTS, AND TO HOLD STRUCTURAL ELEMENTS IN PLACE DURING ERECTION.
10. CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARANCE AND EARTHWORK OPERATIONS OR FILLED EXCAVATIONS OR BURIED STRUCTURES, SUCH AS CESSPOOLS, CISTERNS, FOUNTAINS, ETC. IF ANY SUCH STRUCTURES ARE FOUND, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
11. DO NOT CUT OR TRIM ANY TREES ON THE PROPERTY UNLESS OTHERWISE NOTED OR DIRECTED BY DESIGNER AND OWNER. AVOID FILLING OR CUTTING AROUND EXISTING TREES TO REMAIN. PROTECT THESE TREES WITH BARRIERS DURING CONSTRUCTION.
12. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED ROOF. LOAD SHALL NOT EXCEED DESIGN LIVE LOAD FOR EACH PARTICULAR LEVEL.
13. CONTRACTOR SHALL PROTECT THE ADJOINING PROPERTY DURING EXCAVATION. PROTECTION SHALL BE SUCH THAT ANY EARTH OF THE ADJOINING PROPERTY WILL NOT CAVE-IN OR SETTLE.
14. THE CONTRACTOR SHALL NOTIFY THE "OWNER" OF ANY CONDITION REQUIRING MODIFICATION OR CHANGE, BEFORE PROCEEDING WITH WORK.
15. ALL CONSTRUCTION TO PROVIDE A WATERPROOFED AND WEATHER TIGHT. CONTRACTOR SHALL SEAL AS NECESSARY TO ACHIEVE THIS REQUIREMENT USING APPROVED METHODS AND MATERIALS AND FOLLOWING ALL PRODUCT MANUFACTURERS INSTRUCTIONS.
16. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE OF CALIFORNIA.
17. CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING CONDITIONS SHOWN ON THE DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
18. SHEET METAL & FLASHING: PROVIDE AND INSTALL SHEET METAL AND OR COPPER FLASHING AS DETAILED AND REQUIRED TO INSURE WATERTIGHT ASSEMBLY. ALL PIECES SHALL BE FABRICATED IN MAXIMUM PRACTICAL LENGTHS, FREE OF WARPS, BUCKLES AND DENTS AND OTHER DEFECTS.
19. ALL HOSES USED FOR ANY CONSTRUCTION ACTIVITIES SHALL BE EQUIPPED WITH A SHUT OFF NOZZLE. WHEN AN AUTOMATIC SHUT OFF CAN NOT BE PURCHASED OR OTHERWISE OBTAINED FOR THE SIZE & TYPE OF HOSE IN USE, THE NOZZLE SHALL BE AN AUTOMATIC SHUT OFF NOZZLE. ORD 3522 6(K).
20. FIRE BLOCK STUD WALLS (@ 10' INTERVALS/HORIZ. & VERT), ENCLOSED AND CONCEALED SPACES, AND AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS,ATTIC AND CHIMNEY CHASE, STAIR STRINGERS, AND SIMILAR PLACES AT CEILING AND FLOOR LEVELS CRC R302.11
21. AFTER COMMENCEMENT OF WORK, ANY FAULTS IN CONSTRUCTION DUE IN PART TO ERRORS IN THE CONSTRUCTION DOCUMENTS, SHALL BE CORRECTED BY CONTRACTOR OR SUBCONTRACTOR.
22. ALL GLAZING, AND VENTS CONSTRUCTION TO COMPLY WITH HIGH FIRE HAZARD AREA/FIRE HAZARD SEVERITY ZONE REQUIREMENTS. VCBC CHAPTER 7A, VCFC ORD.30.
23. PROVIDE EMERGENCY EXIT DOOR MIN. 32" CLEAR INTERIOR FRAME TO INTERIOR FRAME.
24. AFTER COMMENCEMENT OF WORK, ANY DELAYS, PROBLEMS OR FAULTS IN CONSTRUCTION DUE IN FULL OR PART TO ERRORS OR OMISSIONS IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE PERSON RESPONSIBLE FOR PREPARING THE CONSTRUCTION DOCUMENTS. THE LIA- BILITY FOR ERRORS AND OMISSIONS IN THE CONSTRUCTION DOCUMENTS SHALL NOT EXCEED ANY FEES PAID TO THE THE PERSON RESPONSIBLE FOR PREPARING THE CONSTRUCTION DOCUMENTS.
25. ALL DUCT SYSTEMS FOR HVAC ARE TO BE SIZED PER ACCA 29-D (MANUAL D) OR EQUIVALENT. ALL HVAC SYSTEM EQUIPMENT TO BE SELECTED ACCORDING TO ACCA 36-S(MANUAL S) OR EQUIVALENT. ALL HVAC SYSTEMS ARE TO BE INSTALLERS AND TO BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS.

CITY OF SANTA PAULA
THE APPROVAL OF THESE PLANS AND SPECIFICATIONS SHALL NOT BE DEEMED OR CONSTRUED TO BE AN APPROVAL FOR VIOLATION OF THE PROVISIONS OF THE CITY OF SANTA PAULA MUNICIPAL CODE, STATE LAW OR OTHER REGULATORY AGENCIES
Danny Schultz 10/21/26
AUTHORIZED DATE

FIRE DEPARTMENT NOTES:

1. ALL CONSTRUCTION TO COMPLY WITH HIGH FIRE HAZARD REQUIREMENTS PER VCBC SEC. CBC CHAPTER 7A FDP 22
2. ADDRESS:

   (a) THE ADDRESS SHALL BE VISIBLE AND LEGIBLE FROM THE STREET OR FRONTAGE ROAD.

   (b) THE ADDRESS NUMBERS SHALL BE OF MINIMUM FOUR INCHES (4") IN HEIGHT.

   (c) THE ADDRESS NUMBERS SHALL BE CONTRASTING COLORS TO THEIR BACKGROUND.

   BRASS OR GOLD NUMBERS SHALL NOT BE POSTED. (ADDRESS NUMBERS ON CURB ARE NOT ACCEPTABLE).

   (d) PERMANENT ADDRESS NUMBERS SHALL BE PROVIDED ON THE MAILBOX OR ON A PERMANENT SIGN OR POST ADJACENT TO THE DRIVEWAY ENTRANCE OF A FLAG LOT.
3. NO PERSON MAY TAP INTO ANY FIRE HYDRANT FOR ANY PURPOSE OTHER THAN FIRE SUPPRESSION OR EMERGENCY AID WITH OUT FIRST OBTAINING WRITTEN APPROVAL FROM THE WATER PURVEYOR SUPPLYING WATER TO THE HYDRANT & FROM THE CITY/COUNTY HEALTH DEPARTMENT. ORD 3522, SECTION 6(L).

SOILS NOTES:

1. SOIL COMPACTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
2. SOIL ENGINEER SHALL INSPECT FOUNDATION PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION. EVIDENCE OF SUCH INSPECTION SHALL BE PROVIDED TO THE BUILDING INSPE- CTOR AT FOUNDATION INSPECTION.

APPROVED
PLANNING DIVISION
10/20/26 AS-26-0004
BY: Tom Tarantino PED Manager
NOTES:
COMMUNITY & ECONOMIC DEVELOPMENT DEPT

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA CRC R301.2					
SEISMIC DESIGN CRITERIA	BASIC WIND SPEED (mph)	GROUND SNOW LOAD (psf)/ELEVATION(ft.)	CLIMATE ZONE	FLOOD ZONE DESIGNATION	DESIGN FLOOD ELEVATION
E	110 mph	NA	9	X	NA

DEFERRED SUBMITTALS FOR: LANDSCAPE & SOLAR

SHEET INDEX:

#	SHEET	DESCRIPTION	SCALE
		ARCHITECTURAL	
1	A 0.0	TITLE SHEET, MAPS, PROJECT DATA & GENERAL NOTES	AS NOTED
2	A 1.0	(E) OVERALL SITE PLAN	1"=20'
3	A 1.1	(N)OVERALL SITE MASTER PLAN	1"=20'
4	A 1.2	(E) SITE DEMOLITION PLAN	1/8"=1'-0"
5	A 1.3	(N) SITE PLAN	1/8"=1'-0"
6	A 1.4	(E) FLOOR PLAN	3/16"=1'-0"
7	A 1.5	(N) DEMOLITION FLOOR PLAN	3/16"=1'-0"
8	A 1.6	(N) ABATEMENT PLAN	3/16"=1'-0"
9	A 2.0	(N) FLOOR PLAN	3/16"=1'-0"
10	A 2.1	(N) MEZZANINE & ROOF FRAMING PLANS & DETAILS	1/4"=1'-0"
11	A 2.2	(N) ROOF PLAN & DETAILS	1/4"=1'-0"
12	A 2.3	(N) FLOORING PLAN	3/16"=1'-0"
13	A 2.4	(N) FURNITURE PLAN	3/16"=1'-0"
14	A 2.5	(N) REFLECTED CEILING PLAN	3/16"=1'-0"
15	A 3.0	(E) ELEVATIONS	3/16"=1'-0"
16	A 3.1	(N) ELEVATIONS	3/16"=1'-0"
17	A 4.0	(N) CROSS, LONGITUDINAL SECTIONS & DETAILS	AS NOTED
18	A 5.0	(N) INTERIOR ELEVATIONS	1/2"=1'-0"
19	A 6.0	SCHEDULES & ARCHITECTURAL DETAILS	AS NOTED
		STRUCTURAL	
20	SN-1	STRUCTURAL NOTES SHEET 1 of 2	NA
21	SN-2	STRUCTURAL NOTES SHEET 2 of 2	NA
22	S-1	FOUNDATION PLAN	1/4"=1'-0"
23	S-2	FRAMING PLANS	1/4"=1'-0"
24	SD-1	STRUCTURAL DETAILS SHEET 1 of 3	AS NOTED
25	SD-2	STRUCTURAL DETAILS SHEET 2 of 3	AS NOTED
26	SD-3	STRUCTURAL DETAILS SHEET 3 of 3	AS NOTED
		ELECTRICAL & MECHANICAL	
27	E-0.1	GENERAL ELECTRICAL NOTES & SPEC'S	NA
28	E-1.0	ELECTRICAL DEMOLITION PLAN	3/16"=1'-0"
29	E-2.0	SINGLE LINE DIAGRAM	NA
30	E-3.0	(N) POWER PLAN	NA
31	E-3.1	(N) LIGHTING PLAN	3/16"=1'-0"
32	E-3.2	(N) ROOF ELECTRICAL PLAN	1/4"=1'-0"
33	E-4.0	NRCC-ELEC-E, VOLTAGE DROP	NA
34	E-4.1	NRCC-LTI-E	NA
35	E-4.2	NRCC-LTI-E	NA
36	E-4.3	NRCC-LTO-E	NA
37	E-4.4	NRCC-LTO-E	NA
		GENERAL	
38	GBC-1	GREEN BUILDING CODE Sht. 1 of 3	NA
39	GBC-2	GREEN BUILDING CODE Sht. 2 of 3	NA
40	BMP	BMP, SW1 & MISC	NA
41	T24-1	TITLE 24'S - Sht. 1 of 3	NA
42	T24-2	TITLE 24'S - Sht. 2 of 3	NA
43	T24-3	TITLE 24'S - Sht. 3 of 3	NA
44			

PROJECT DATA:

PROPERTY OWNER:	CITY OF SANTA PAULA POLICE DEPARTMENT
OWNER ADDRESS:	214 SOUTH 10th STREET SANTA PAULA, CA 93060
PROJECT ADDRESS:	214 SOUTH 10th STREET SANTA PAULA, CA 93060
APN:	103-0-242-195
LOT SIZE:	.47 ACRES (20,473.2 SQ. FT.)
ZONING:	IN (INSTITUTIONAL/CIVIC) ADJACENT NEIGHBOR C-G (GEN. COM.)
FLOOD ZONE:	X
GOVERNING AGENCY SETBACKS:	10' FRONT YARD/STREET 5' SIDE YARDS 5' REAR YARD 45' HEIGHT
BUILDING HEIGHT:	24' (MAX. ALLOWABLE 45')
NUMBER OF STORIES:	2 NO. (MAX. ALLOWABLE 3 NO.)
BUILDING SQUARE FOOTAGE:	
(E)POLICE STATION SQ. FTG.:	7,038.4 SQ. FT.
(N)POLICE STATION SQ. FTG.:	6,573.4 SQ. FT.
(N)ADDITIONAL AREA:	465.0 SQ. FT.
TOTAL CONDITIONED SPACE:	7,038.4 SQ. FT.
UNCONDITIONED SPACE:	
SALLY PORT & COVERED AREA	1,042.4 SQ. FT.
COVERED SIDE & REAR ENTRY AREAS	137.8 SQ. FT.
TOTAL UNCONDITIONED SPACE:	1,180.2 SQ. FT.
LOT COVERAGE/FAR:	+/- 40% (MAX. ALLOWABLE 80%)
DESCRIPTION OF USE:	POLICE STATION
BUILDING OCCUPANCY:	B
ZONING OCCUPANCY	GROUP B
TYPE OF CONTRUCTION:	III
HIGH FIRE SEVERITY ZONE:	URBANIZED/DEVELOPED AREAS OUTSIDE OF HAZARD ZONES
SPRINKLERS:	NO

LEGAL DESCRIPTION:
CITY OF SANTA PAULA, VENTURA COUNTY ASSESSOR'S MAP, PARCEL 19, PORTION YALE STREET SUBDIVISION, R.S. BK. 5, PG. 16 SAWYERS TRACT, L.S. BK. 4, PG. 8. PORTION WHITTED TRACT, R.S. BK. 4, PG. 7 & BK. 5, PG. 15 PORTION MARTIN TRACT, R.S. BK. 4, PG. 7 & BK. 5, PG. 15 V.C.O.M. VOL. 1, PG. 55, 56 (OWEN'S TRACT) RANCHO SANTA PAULA Y SATICOY, M.R. BK. A, PG. 290.

SCOPE OF WORK

PHASE II NEW BUILD ADDITION OF DOUBLE HEIGHT EVIDENCE STORAGE BUILDING AND RENOVATION OF A PORTION OF THE EXISTING POLICE STATION INCLUDING: LIMITED DEMOLITION OF EXISTING WALLS, RE-BUILD OF PARTITION WALLS AND RECONFIGURATION OF EXISTING CONFERENCE ROOM, BREAK ROOM, INTERVIEW ROOM, STORAGE, CHIEF OFFICE, CHIEF ASSISTANT'S OFFICE, COMMANDER OFFICE, EVIDENCE AND TRAINING AREAS. NEW BUILDING TO BE SLAB ON GRADE, WOOD FRAME CONSTRUCTION WITH STUCCO FINISH AND FLAT ROOF, SLOPED TO DRAIN WITH PERIMETER PARAPET. NEW HVAC SYSTEM FOR ALL CONDITIONED AREAS AND ALL NEW AREAS AND RENOVATED AREAS TO BE ADA COMPLIANT.

CONSULTANTS

DESIGN

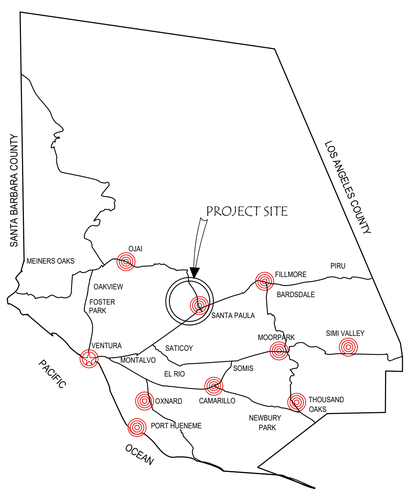
Robert William Co., LLC
P.O. Box 1025
Santa Paula, CA 93061
(805) 625-1144
wmglindsay@gmail.com

STRUCTURAL ENGINEER

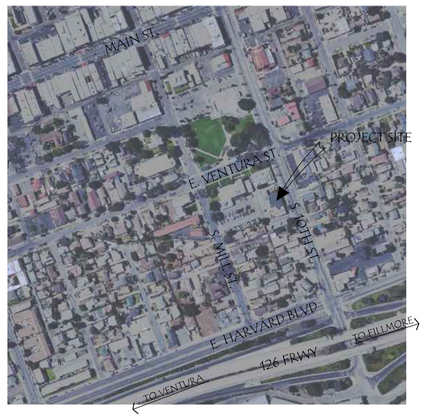
Robert Morin
Morin Structural Engineering
40005 Via Espana
Murrieta, CA 92562
morinstructuralengineering@gmail.com

CODE COMPLIANCE

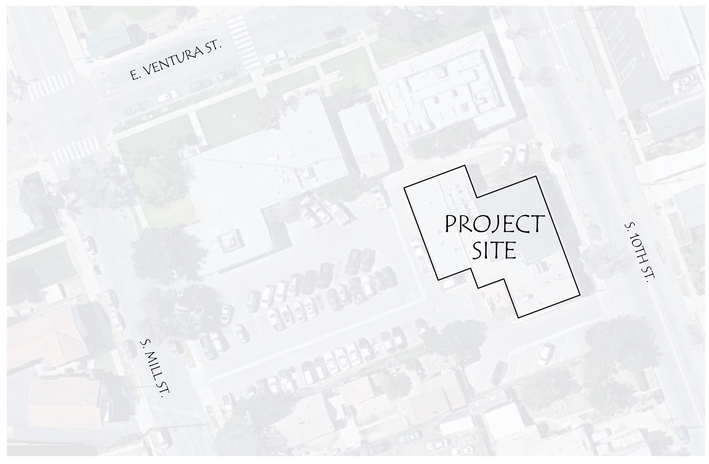
THIS PROJECT SHALL COMPLY WITH TITLE 24 AND 2025 CALIFORNIA RESIDENTIAL CODE (CRC), CALIFORNIA MECHANICAL CODE (CMC), CALIFORNIA PLUMBING CODE (CPC), CALIFORNIA ELECTRICAL CODE (CEC), CALIFORNIA ENERGY CODE (CEnC) (R101.1.1CRC), CALGREEN CODE, AND ALL LOCAL CODES AND ORDINANCES.



VENTURA COUNTY MAP
NORTH
SCALE:NTS



VICINITY MAP
NORTH
SCALE: NTS



AERIAL MAP
NORTH
SCALE:NTS

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

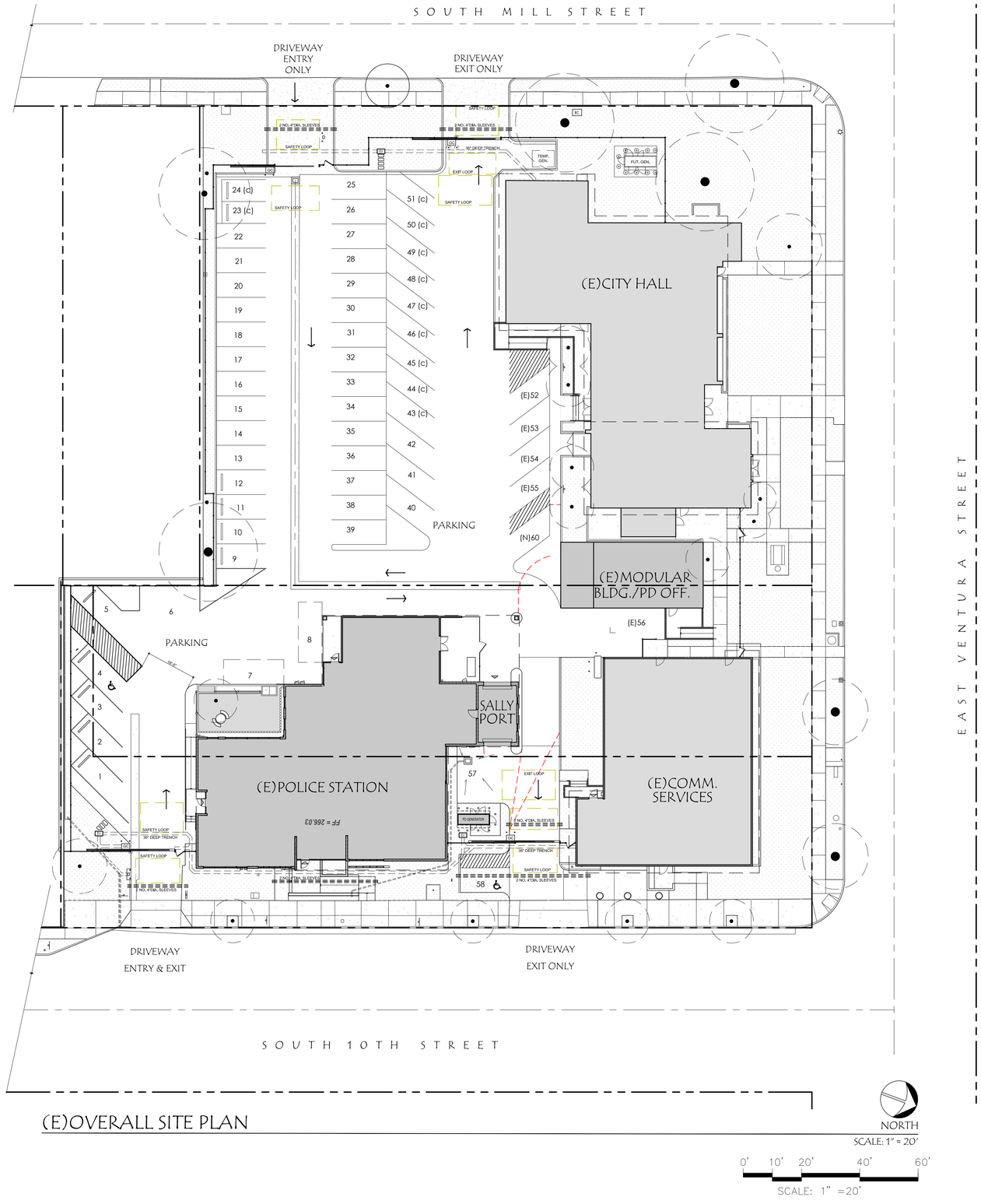
CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A0.0
Sheet: 1 of 37

TITLE SHEET

2026-10-13_SPPD Renov.Phase II.pdf · Page 1



(E)OVERALL SITE PLAN

NORTH

SCALE: 1" = 20'

0' 10' 20' 40' 60'

SCALE: 1" =20'

LEGEND:

- (E) CITY BUILDINGS
- (E) POLICE STATION & BLDG'S
- (E) PLANTERS
- (E) CONCRETE PAVING
- (E) ROOF OVERHANG
- PROPERTY LINE
- (E) TREES
- PUBLIC ENTRY
- STAFF ENTRY

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 1"=20'

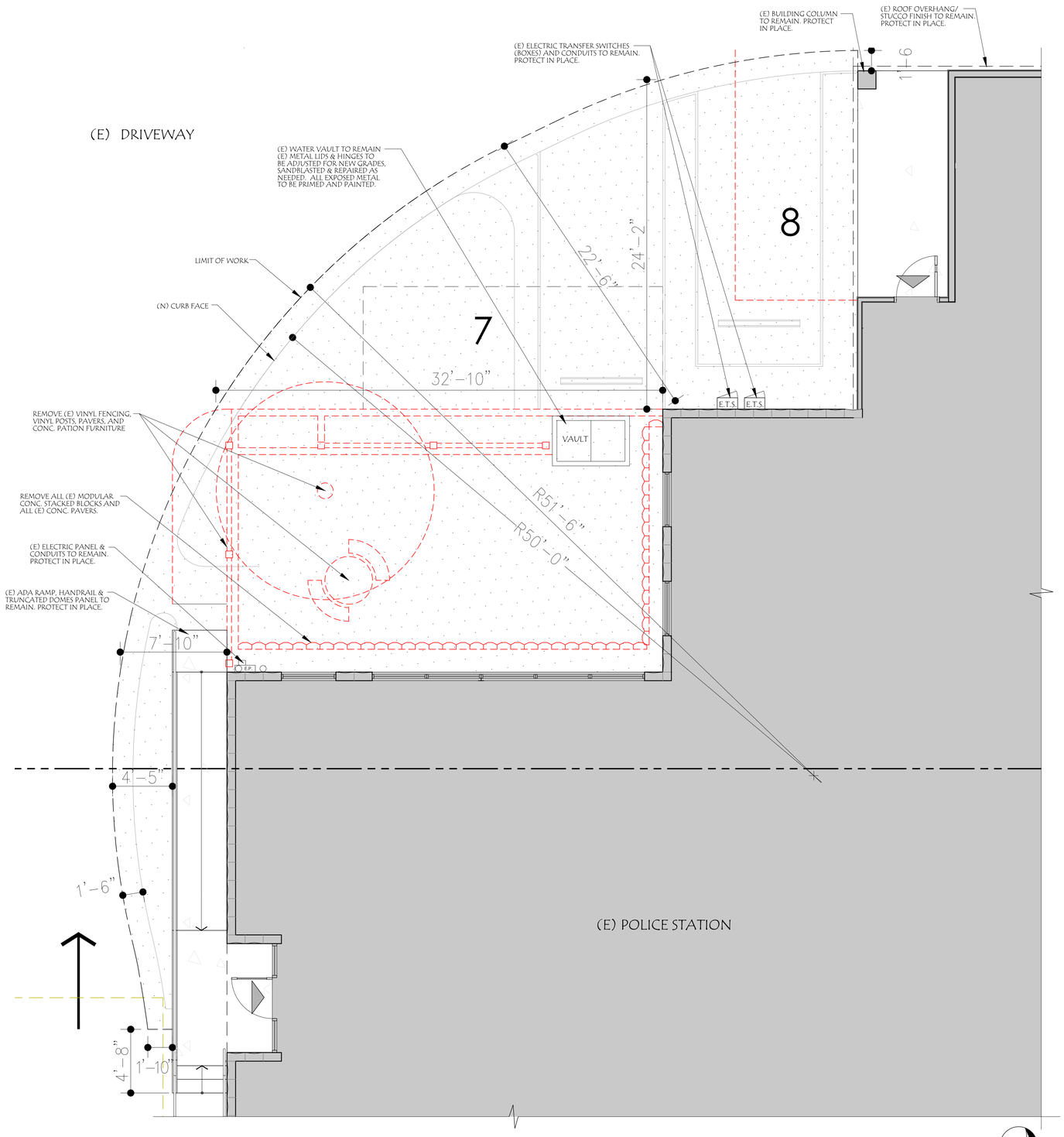
Drawn by: CMG

Date: 06/12/2026

Job # 10504.014

Sheet: A1.0
Sheet: 2 of 37

(E) OVERALL SITE PLAN



(E)SITE DEMOLITION PLAN

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (E) AREA TO BE DEMOLISHED (1,655 sq. ft.)
- (E) BLDG. AREA TO REMAIN
- (E) ITEMS TO BE REMOVED
- (E) PUBLIC ENTRY
- (E) STAFF ENTRY

DEMOLITION NOTES PHASE IIa:

DEMOLITION AREA TO INCLUDE: (E) REAR PATIO AREA, PAVEMENT AT 10th STREET ENTRY/ (E) SOUTH PRIVATE STAFF ENTRANCE RAMP/STAIRS AND UP TO COVERED WEST PRIVATE STAFF ENTRANCE AREA.

1. REMOVE AND RE-COMPACT DEMOLITION AREA TO A MIN. OF 5 FEET DEPTH.
2. ALL GRADES TO SLOPE AWAY FROM (E) STRUCTURES AT A MIN. 5% SLOPE.
3. ALL (N) GRADES TO DAYLIGHT INTO (E) DRIVEWAY GRADES AND (E) DRAINAGE FLOW LINES.
4. (E) TREE TO BE REMOVED INCL. TREE STUMP AND ALL TREE ROOTS.
5. DIG ALERT TO BE NOTIFIED PRIOR TO ANY EXCAVATION AND ALL (E) UTILITY LOCATIONS TO BE CLEARLY MARKED. BOTH ELECTRICAL AND WATER LINES ARE PRESENT WITHIN DESIGNATED DEMOLITION AREA, DEPTH TBD.
6. (E) CONC/ VAULT BOX TO REMAIN IN PLACE. HEIGHT OF HINGED METAL LIDS TO BE ADJUSTED TO NEW SURFACE GRADES AS REQUIRED TO MATCH (N) SLOPE OF DROP OFF ZONE PARKING STALL.

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED BY
10/21/26
DATE

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 9338040

CONSULTANT:

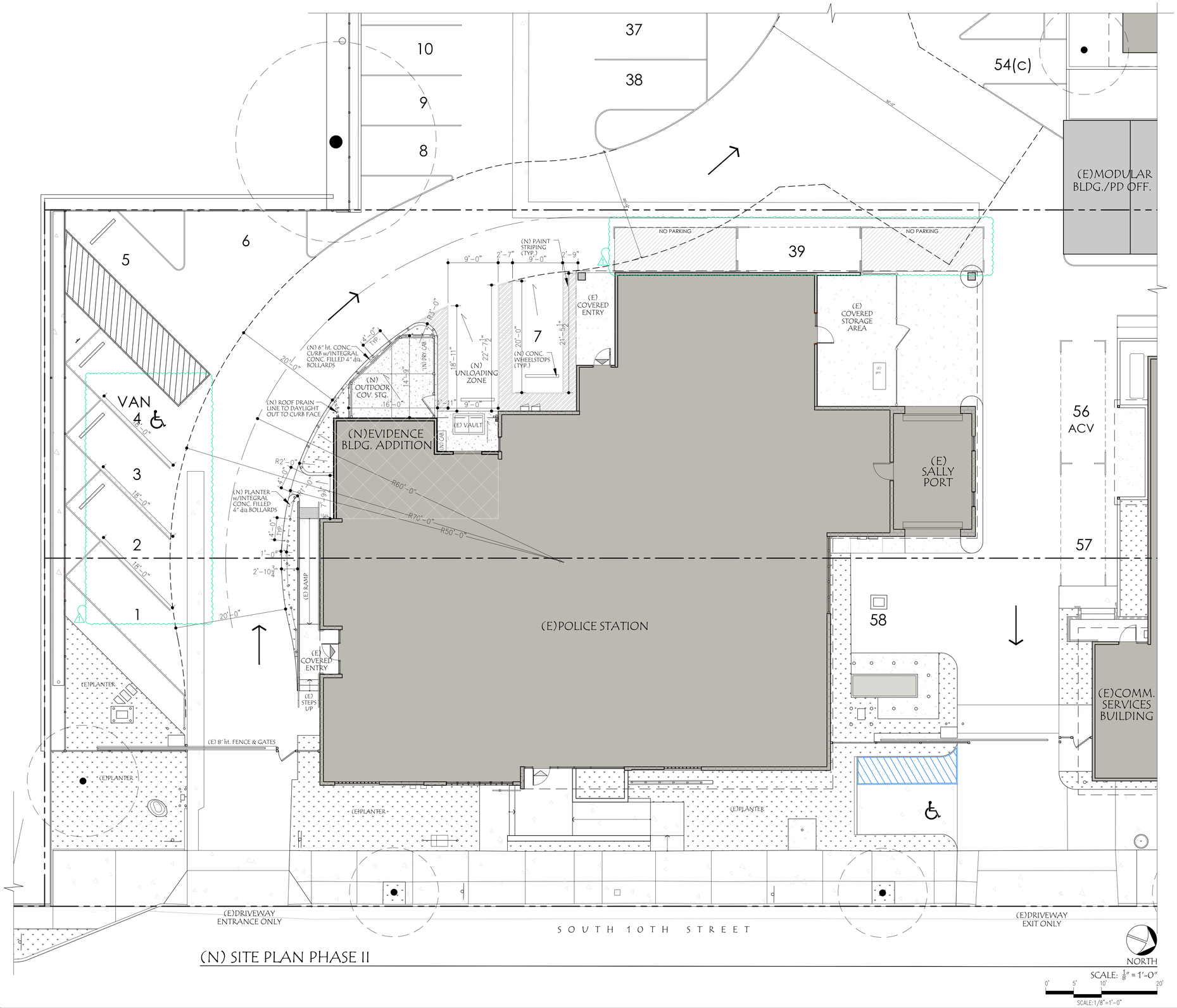
PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 1/4"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A1.2
Sheet: 4 of 37

(E)SITE DEMOLITION PLAN



(N) SITE PLAN PHASE II

LEGEND:

- (E) CONC. WALKS/RAMPS/STEPS
- (N) CONC. WALKS/RAMPS/STEPS
- (E) CITY BUILDINGS
- (E) POLICE STATION & BLDG'S
- (E) PLANTERS
- (N) PLANTER AREAS
- (E) ROOF OVERHANG
- PROPERTY LINE
- (E) TREES
- (P) NEW TREES
- (E) PUBLIC ENTRY
- (E) STAFF ENTRY

NOTES:

1. ALL DRIVEWAYS, CURBS, PARKING LOTS, PARKING STALLS, FENCING ETC. TO BE BY SEPARATE CONTRACT.
2. ALL NEWLY GRADED & COMPACTED AREAS TO MEET EXISTING AC PAVING GRADES.
3. NORTHWEST ROOF DOWNSPOUT OF (N) EVIDENCE STORAGE BUILDING TO CONNECT TO (E) ROOF DOWNSPOUT.

APPROVED
PLANNING DIVISION
10/20/26 AS-26-0004
BY: Tom Taranlino PED Manager
NOTES:
COMMUNITY & ECONOMIC DEVELOPMENT DEPT

CHRISTINA GRINA
C - 28080
8/31/27
LICENSED ARCHITECT
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
APPROVED BY DATE

CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date
1	PC#1	10/13/26

Scale: 1/8"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A1.3
Sheet: 5 of 37

(N)SITE PLAN



LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (E) AREA TO BE DEMOLISHED (1,655 sq. ft.)
- (E) BLDG. AREA TO REMAIN
- (E) ITEMS TO BE REMOVED
- (E) PUBLIC ENTRY
- (E) STAFF ENTRY

NORTH

SCALE: $\frac{3}{16}$" = 1'-0"

(E) FLOOR PLAN

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 3/16"=1'-0"

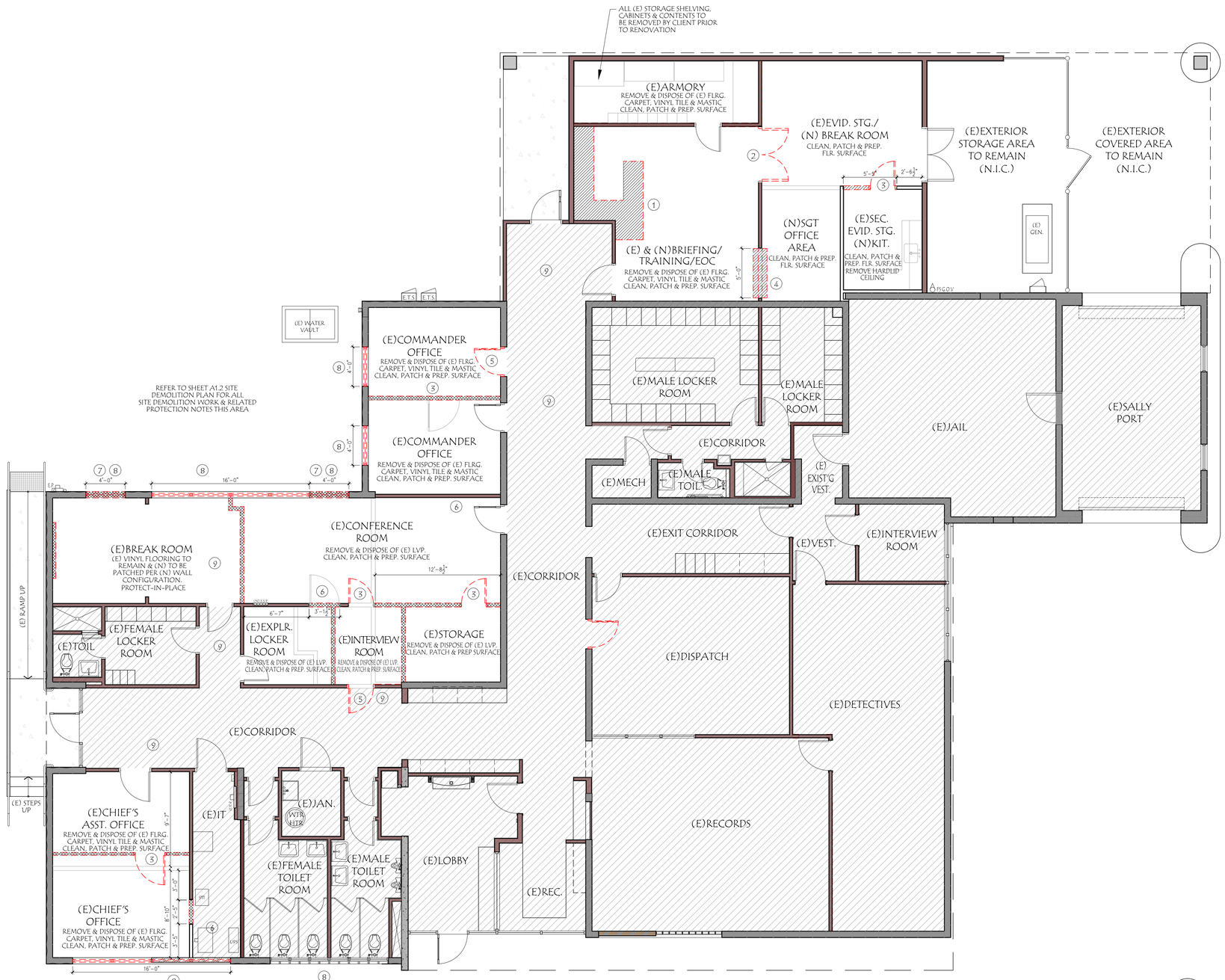
Drawn by: CMG

Date: 06/12/2026

Job # 10504.014

Sheet: A1.4
Sheet: 6 of 37

(E) FLOOR PLAN



REFER TO SHEET A1.2 SITE DEMOLITION PLAN FOR ALL SITE DEMOLITION WORK & RELATED PROTECTION NOTES THIS AREA

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (E) WALLS TO BE DEMOLISHED
- (E) WALLS/FURNITURE TO BE PARTIALLY DEMOLISHED
- (N) PARTITION WALLS (PHASE II)
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (E) BLDG. AREA TO REMAIN (N.I.C.)

DEMOLITION NOTES PHASE IIb:

DEMOLITION AREA TO INCLUDE: (E) LIMITED CMU WALLS, INTERIOR FRAMED WALLS, GLAZING, DOORS, AND DOOR FRAMES. ABATEMENT FOR ASBESTOS CEILINGS TO OCCUR IN ALL (E) REMAINING BUILDING AREAS - REFER TO SHEET XX.X FOR LOCATIONS.

1. REMOVE PORTION OF (E) CABINET AND COUNTER TOP. PROTECT-IN-PLACE REMAINDER OF CABINETS AND COUNTER TOP.
2. REMOVE (E) DOUBLE DOORS AND DOOR FRAME.
3. REMOVE (E) DOORS, DOOR FRAMES AND PORTION OF (E) WALL PARTITIONS AS SHOWN.
4. REMOVE (E) BUILT-IN WOOD EVID. LOCKERS. LEAVE HEADER & WALL ABOVE
5. REMOVE (E) DOORS AND DOOR FRAMES AS SHOWN.
6. CUT (N) DOOR OPENINGS IN (E) WOOD FRAME PARTITION WALLS AS SHOWN.
7. CUT (E) CMU WINDOW OPENINGS TO FLOOR TO CREATE OPENINGS.
8. REMOVE (E) GLAZING, CERAMIC SILLS AND ALUM. FRAMES. *
9. PROTECT-IN-PLACE ALL (E) PHASE I NEW LVP FLOORING @ ALL (E) AND (N) DOORS AND OPENINGS.

* NOTE:
ALL EXTERIOR OPENINGS TO BE RECONFIGURED TO BE TEMPORARILY BRACED AND BLOCKED WITH ¾" thk. PLYWOOD PANELS TO MAINTAIN BUILDING SECURITY AT ALL TIMES.

NORTH

SCALE: 3/16" = 1'-0"

(N)DEMOLITION FLOOR PLAN

(N)DEMOLITION FLOOR PLAN

CHRISTINA GRIVA
C - 28080
6/31/27
STATE OF CALIFORNIA
LICENSED ARCHITECT

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 3/16"=1'-0"
Drawn by: CMG
Date: 06/12/2026
Job # 10504.014
Sheet: A1.5
Sheet: 7 of 37



LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E)DECORATIVE CONC. BLK. WALL
- (E) WOOD FRAMED WALLS
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVERS
- PREVIOUSLY ABATED CEILING AREAS
- PREVIOUSLY TESTED NEGATIVE AREAS - MARCH 2022 REMOVE EXISTING CEILING TEXTURE TO MATCH (E) & (N) RENOVATED CEILINGS FINISH
- PREVIOUSLY TESTED POSITIVE AREAS - MARCH 2022 REQUIRES CEILING ABATEMENT - PHASE II (865 sq. ft.)
- AREAS REQUIRING TESTING/CONFIRMATION (127 sq. ft.)
- AREAS NOT REQUIRING TESTING & ABATING CONCRETE ROOF @ ENTRY & DRYWALL @ NICHE
- AREAS N.I.C. (NOT A PART)

(N)ABATEMENT PLAN

NORTH

SCALE: $\frac{3}{16}$" = 1'-0"

LICENSED ARCHITECT
CHRISTINA GRIMA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: 3/16"=1'-0"

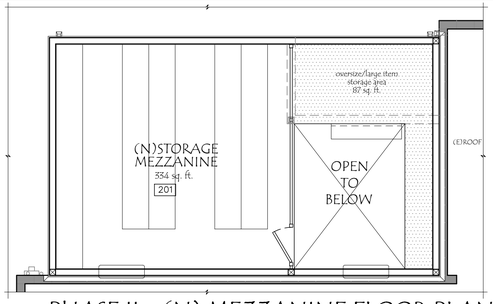
Drawn by: CMG

Date: 06/12/2026

Job # 10504.014

Sheet: A1.6
Sheet: 8 of 37

(N)ABATEMENT PLAN



PHASE II - (N) MEZZANINE FLOOR PLAN

SCALE: 3/16" = 1'-0"

LEGEND:

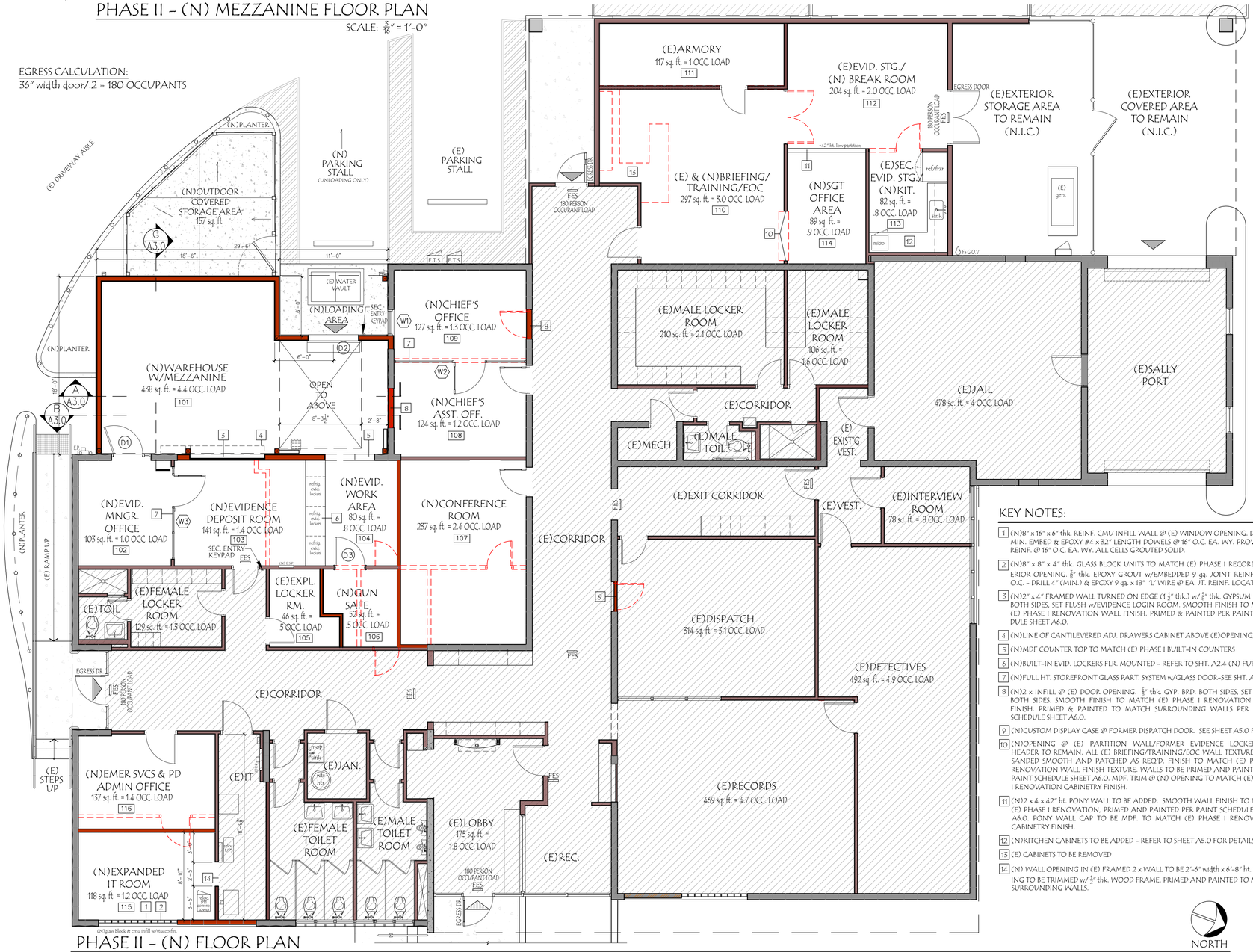
- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (E) WALLS 7 FURN. TO BE DEMO'D
- (N) 2 x STUD WALL (PHASE II)
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (N) CONC. PAVING
- (E) BLDG. AREA TO REMAIN (N.I.C.)
- PUBLIC ENTRY
- STAFF ENTRY

CONCEPT NOTES:

PHASE II: ADDITION OF DOUBLE HEIGHT EVIDENCE STORAGE ROOM, RECONFIGURATION OF (E) AREAS INCLUDING: EXPLORER'S LOCKER ROOM, BREAK ROOM, CONFERENCE ROOM STORAGE, INTERVIEW ROOM (ADJACENT TO (E) CONFERENCE ROOM, COMMANDER OFFICES, CHIEF'S OFFICE, CHIEF'S ASSISTANT OFFICE, BRIEFING ROOM AND EVIDENCE STORAGE. NEW PARTITION WALLS TO BE ADDED TO CREATE A NEW SARGEANT OFFICE, GUN SAFE ROOM, RECONFIGURED EXPLORER'S ROOM. AREAS TO BE BROUGHT UP TO AND MEET CURRENT ADA ACCESSIBLITY STANDARDS. EXISTING IT ROOM TO BE EXPANDED INTO FORMER CHIEF'S OFFICE. ALL (N) FLOORING TO MATCH (E) FLOORING EXCEPT EVIDENCE WAREHOUSE.

1. (N)EVIDENCE SUITE TO PROVIDE SECURE LOGIN/PROCESSING AREA WITH ADJACENT (N)EVIDENCE MANAGER'S OFFICE ALLOWING FOR FULL VISUAL OBSERVATION OF WORK AREA AND CONTROLLED ACCESS TO (N) 2 x 6 WOOD FRAME EVIDENCE STORAGE WAREHOUSE. TEMPORARY AND REFRIGERATED LOCKERS FOR STORAGE TO BE PROVIDED FOR EVIDENCE PROCESSING. SECURE CELL PHONE CABINET, SAFE, COMPUTER WORKSTATION AND WORK TABLE TO FACILITATE EVIDENCE DOCUMENTATION/LOGIN IN COMPLIANCE WITH CHAIN OF COMMAND. (N) EVIDENCE WORK AREA TO BE ACCESS- ED VIA WAREHOUSE ONLY WITH SAFE AND SEPARATE SECURE GUN & NARCOTICS STORAGE ROOM. WAREHOUSE TO BE DOUBLE HEIGHT WITH MEZZANINE. TO ALLOW FOR LONG TERM STORAGE ACCESSIBLE BY A ROLLING STAIR. (N) WAREHOUSE TO HAVE A SECURE COMMERCIAL DOOR ACCESS AT THE REAR FOR VEHICULAR UNLOADING ZONE AND DROP OFF OF EVIDENCE. WAREHOUSE TO UTILIZE (E) STORAGE SHELVING AND (N) SHELVING UNITS. INTERIOR EQUIPMENT TO INCLUDE A (N) 3 DOOR FREEZER, (N) 2 DOOR REFRIGERATOR AND WORKTABLE FOR PROCESSING. (N) WAREHOUSE FLOOR TO BE POLISHED CONCRETE. EXTERIOR EQUIPMENT TO INCLUDE A 2 DOOR DRYING CABINET AND A COVERED, FENCED, SECURE OUTDOOR STORAGE AREA WITH VERTICAL STORAGE UNITS FOR BIKES.
2. (N)CONFERENCE ROOM TO USE (E) DOOR AT CORRIDOR .(N) CHIEF'S ASSISTANT OFFICE TO USE (E) COMMANDER OFFICE DOOR. (E) DEMISING 2 x PARTITION WALL LOCATED BETWEEN (E) COMMANDER'S OFFICES TO BE REMOVED AND REPLACED WITH A (N) FULL HEIGHT GLASS STOREFRONT ASSEMBLY WITH INTEGRAL GLASS DOOR. (E) COMMANDER DOOR IN (N) CHIEF'S OFFICE TO BE INFILLED/FURRED WITH 2 x STUD WALL SET FLUSH TO BOTH SIDES OF (E)CMU CORRIDOR/OFFICE WALL. DRYWALL BOTH SIDES w/PRIMED & PAINTED FINISH.
3. (E) DISPATCH DOOR LOCATED AT THE CORRIDOR TO BE REMOVED AND OPENING TO BE INFILLED/FURRED WITH 2 x STUD WALL SET FLUSH AT DISPATCH, DRYWALL AND PAINTED FINISH. (N) BUILT-IN CUSTOM DISPLAY CASE TO BE ADDED AT CORRIDOR SIDE.
4. (N)BRIEFING/TRAINING EOC ROOM TO INCLUDE REMOVAL OF ALL (E) BUILT-IN CABINETRY. (N) ELECTRICAL & IT FLOOR PLUGS TO BE ADDED FOR TRAINING TABLE INTEGRATION. (N) "T" BAR CEILING TO BE ADDED AT (E) EVIDENCE STORAGE AREAS.
5. (N)SARGEANT OFFICE AREA TO BE CREATED WITHIN (E) EVIDENCE STORAGE AREA BY REMOVING (E) EVIDENCE LOCKERS & KEEPING (E) HEADER IN PLACE. ADDITION OF A 42" HT. PONY WALL BETWEEN (E) SECURED EVIDENCE STORAGE/(N) KITCHEN WALLS AND BRIEFING/TRAINING ROOM.
6. (E)CHIEF OFFICE/CHIEF ASSISTANT'S OFFICE PARTITION TO BE REMOVED, NEW PARTITION WALL TO BE SHIFTED 21". NEW WALL TO BE 2 x 4 WOOD STUD w/ 5/8" thk. DRYWALL EA. SIDE. SMOOTH FINISH, PRIMED & PAINTED TO MATCH PHASE I (E) PARTITIONS. (N) 30" width OPENING TO BE MADE IN (E) IT WALL TO ACCESS (N) EXPANDED IT ROOM AREA.
7. (N)KITCHEN TO BE INSTALLED IN (E) SECURED EVIDENCE STORAGE ROOM. (E) DOOR AND PORTION OF (E)PARTITION WALL TO BE REMOVED. (E)HARD LID CEILING TO BE REMOVED. (N) KITCHEN SINK TO BE ADDED, PLUMBING TO BE TIED INTO (E) JAIL PLUMBING (HOT, COLD, AND DRAIN LINES) VENT LINES TO BE ADDED AS REQ'D. (N) CABINETRY AND COUNTERTOP TO BE LAMINATE FINISH TO MATCH (E) PHASE I CABINETRY. EQUIPMENT TO INCLUDE (N) FREE STANDING REFRIGERATOR AND MICROWAVE. (E) 7" ht. WALL TO BE CAPPED w/MDF TRIM TO MATCH (E) PHASE I RENOVATION CABINET FINISH.
8. (E) GLAZING AT (N) EXPANDED IT ROOM TO BE REMOVED AND REPLACED WITH 6" thk. CMU AND GLASS BLOCK TO MATCH PHASE I. CMU TO GET SMOOTH STUCCO EXTERIOR FINISH TO MATCH INFILL WALL AT (E)RECORDS. INTERIOR FINISH TO BE PRIMED AND PAINTED.
9. (E) GLAZING AT (E)BREAK ROOM, (E) CONFERENCE ROOM AND (E) COMMANDER OFFICES TO BE REMOVED. (E)OPENING TO BE ENLARGED TO FLOOR TO ACCOMMODATE DOOR & SIDELIGHT AT (N) EVIDENCE MANAGER OFFICE. OPENING AT (N) EVIDENCE WORK AREA TO BE ENLARGED TO FLOOR TO ALLOW THRU ACCESS INTO AREA. (E) WINDOW OPENING IN (N) CHIEF'S ASSISTANT OFFICE TO BE INFILLED/FURRED WITH 2 x STUD FLUSH WALL, 5/8" thk. DRYWALL BOTH SIDES w/PRIMED & PAINTED FINISH. (E) WINDOW OPENING AT (N) CHIEF'S OFFICE TO BE INFILLED/FURRED TO REDUCED OPENING SIZE ALLOWING FOR A NEW DUAL GLAZED LOW "E" FIXED WINDOW.
10. ALL CEILING AREAS NOT PREVIOUSLY ABATED IN PHASE I TO BE ABATED IN THIS PHASE. ALL POPCORN CEILING TEXTURE TO BE REMOVED IN THE FACILITY. ALL ABATED CEILINGS TO BE PATCHED, SKIM COATED, PRIMED AND PAINTED TO MATCH PHASE I RENOVATION.
11. ALL (E) FLOORING IN PHASE II (N)AREAS TO BE REMOVED, HOLES PATCHED, FLOOR LEVELED AND REPLACED WITH (N) FLOORING TO MATCH PHASE I RENOVATION.
12. ALL (E) & (N) PARTITION WALLS TO BE PATCHED, PRIMED & PAINTED TO MATCH PHASE I RENOVATION WALLS.
13. ALL (E) DOORS WITH 32" CLEAR WIDTHS TO REMAIN IN PHASE II RENOVATION AREAS. (E) NON ADA COMPLIANT DOORS TO BE REPLACED WITH (N) FRAMES AND DOORS TO MATCH (E) ADA COMPLIANT DOORS IN PHASE I RENOVATION.
14. ALL (E)ELECTRICAL LOCATED IN PHASE II AREAS INCLUDING LIGHTING, WIRING, SOCKETS AND SWITCHES TO BE DECOMISSIONED PRIOR TO DEMOLITION. (N) WIRING AS REQUIRED FOR RECONFIGURATION OF (E) SPACES AND (N) BUILDING INCLUDING (N) HVAC UNITS.
15. ALL (E)HVAC IN PHASE II AREAS INCLUDING (E) DUCTS, SUPPLY REGISTERS, RETURN REGISTERS, THERMOSTATS, DAMPERS AND WIRING TO REMAIN AND BE RECONFIGURED TO ACCOMMODATE NEW LAYOUT. (N) EVIDENCE BUILDING TO INCLUDE 2 No. (N) MINI-SPLIT UNITS WITH CONDENSER UNITS LOCATED ON (E) ADJACENT ROOF (ABOVE (N) EVIDENCE MANAGER OFFICE). (N) EXPANDED IT ROOM TO INCLUDE MINI-SPLIT UNIT w/ROOF MOUNTED CONDENSER UNIT.
16. ALL (E) AND (N) IT CABLING AND CONNECTIONS TO BE COORDINATED WITH CLIENT AND IT DEPARTMENT PRIOR TO DEMOLITION.
17. (N) UNLOADING ZONE AND OUTDOOR COVERED STORAGE AREA TO BE REGRADED AND RECOMPACTED TO SLOPE AWAY FROM BUILDING (MIN. 2%) TO MEET EXISTING DRIVEWAY AISLE ELEVATIONS. (E) ASPHALT TO BE SAW CUT 18" FROM (N) PLANTER AREAS, CURBS, AND PARKING STALL AREAS. UPON COMPLETION OF CONSTRUCTION OF (N) EVIDENCE BUILDING, SAW CUT AREAS TO BE HOT PATCHED TO CREATE A SEAMLESS FINISHED SURFACE.
18. (N) UNLOADING ZONE PARKING STALL, CURB, AND OUTDOOR COVERED STORAGE AREA TO BE CONSTRUCTED AT (E) PATIO/PARKING AREA. (E) CONCRETE WATER LINE VAULT TO REMAIN. (E) VAULT COVER TO BE REPLACED OR SANDBLASTED, REPRIMED AND REPAINTED.
19. (E) TOILET ROOMS ARE NON-COMPLIANT AND WILL BE UPDATED IN PHASE III. PHASE III RENOVATION - MIN. 20% OF ADJ. CONSTRUCTION COST INCLUDES CODE COMPLIANT DOORS, OPENINGS, CLEARANCES AND TURNAROUND SPACES IN ALL AREAS. PHASE III RENOVATION TO INCLUDE FULL REMODEL OF (E) TOILET ROOMS, LOCKER ROOMS & ADDITION OF UNISEX TOILET ROOM FOR PUBLIC USE.

EGRESS CALCULATION:
36" width door/.2 = 180 OCCUPANTS



PHASE II - (N) FLOOR PLAN

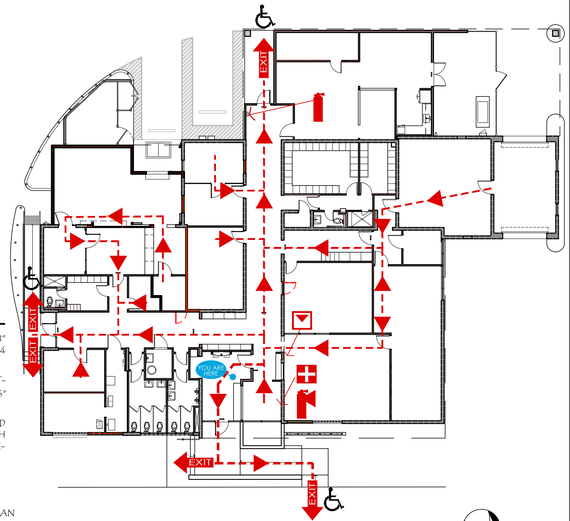
SCALE: 3/16" = 1'-0"

KEY NOTES:

1. (N)8" x 16" x 6" thk. REINF. CMU INFILL WALL @ (E) WINDOW OPENING. DRILL 8" MIN. EMBED & EPOXY #4 x 32" LENGTH DOWELS @ 16" O.C. EA. WY. PROVIDE #4 REINF. @ 16" O.C. EA. WY. ALL CELLS GROUTED SOLID.
2. (N)8" x 8" x 4" thk. GLASS BLOCK UNITS TO MATCH (E) PHASE I RECORDS EXTERIOR OPENING. 3/8" thk. EPOXY GROUT w/EMBEDDED 9 ga. JOINT REINF. @ 16" O.C. - DRILL 4" (MIN.) & EPOXY 9 ga. x 18" "L" WIRE @ EA. JT. REINF. LOCATION.
3. (N)2" x 4" FRAMED WALL TURNED ON EDGE (1 1/2" thk.) w/ 5/8" thk. GYPSUM BOARD BOTH SIDES, SET FLUSH w/EVIDENCE LOGIN ROOM. SMOOTH FINISH TO MATCH (E) PHASE I RENOVATION WALL FINISH. PRIMED & PAINTED PER PAINT SCHEDULE SHEET A6.0.
4. (N)LINE OF CANTILEVERED ADJ. DRAWERS CABINET ABOVE (E)OPENING/SILL.
5. (N)MDF COUNTER TOP TO MATCH (E) PHASE I BUILT-IN COUNTERS
6. (N)BUILT-IN EVID. LOCKERS FLR. MOUNTED - REFER TO SHT. A2.4 (N) FURN. PLAN
7. (N)FULL HT. STOREFRONT GLASS PART. SYSTEM w/GLASS DOOR-SEE SHT. A6.0.
8. (N)2 x INFILL @ (E) DOOR OPENING. 5/8" thk. GYP. BRD. BOTH SIDES, SET FLUSH BOTH SIDES. SMOOTH FINISH TO MATCH (E) PHASE I RENOVATION WALL FINISH. PRIMED & PAINTED TO MATCH SURROUNDING WALLS PER PAINT SCHEDULE SHEET A6.0.
9. (N)CUSTOM DISPLAY CASE @ FORMER DISPATCH DOOR. SEE SHEET A5.0 FOR DET'S.
10. (N)OPENING @ (E) PARTITION WALL/FORMER EVIDENCE LOCKERS. (E) HEADER TO REMAIN. ALL (E) BRIEFING/TRAINING/EOC WALL TEXTURE TO BE SANDED SMOOTH AND PATCHED AS REQ'D. FINISH TO MATCH (E) PHASE I RENOVATION WALL FINISH TEXTURE. WALLS TO BE PRIMED AND PAINTED PER PAINT SCHEDULE SHEET A6.0. MDF. TRIM @ (N) OPENING TO MATCH (E) PHASE I RENOVATION CABINETRY FINISH.
11. (N)2 x 4 x 42" ht. PONY WALL TO BE ADDED. SMOOTH WALL FINISH TO MATCH (E) PHASE I RENOVATION, PRIMED AND PAINTED PER PAINT SCHEDULE SHEET A6.0. PONY WALL CAP TO BE MDF. TO MATCH (E) PHASE I RENOVATION CABINETRY FINISH.
12. (N)KITCHEN CABINETS TO BE ADDED - REFER TO SHEET A5.0 FOR DETAILS
13. (E) CABINETS TO BE REMOVED
14. (N) WALL OPENING IN (E) FRAMED 2 x WALL TO BE 2'-6" width x 6'-8" ht. OPENING TO BE TRIMMED w/ 3/4" thk. WOOD FRAME, PRIMED AND PAINTED TO MATCH SURROUNDING WALLS.

NORTH

SCALE: 3/16" = 1'-0"



EMERGENCY EVACUATION MAP

NORTH

SCALE: 1/16" = 1'-0"

EGRESS PLAN*

EGRESS LEGEND:

- YOU ARE HERE
- FIRE EXTINGUISHER
- ACCESSIBLE
- EXIT
- FIRE ALARM PULL LOCATION
- FIRST AID

EMERGENCY PHONE NUMBER
911
IN CASE OF FIRE, USE STAIRS
DO NOT USE ELEVATOR

* REFER TO LIGHTING PLAN FOR EGRESS LIGHTING

(N) PHASE II FLOOR PLAN

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

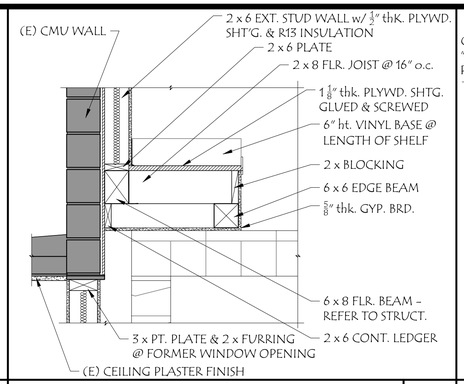
CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz 10/21/26
REVIEWED BY DATE

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

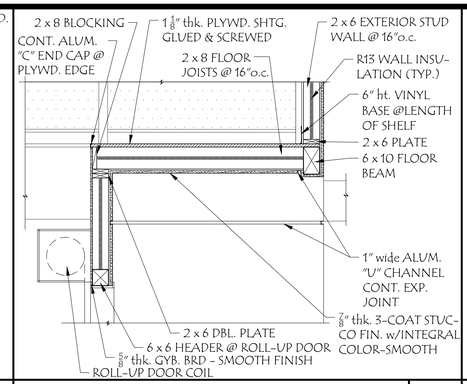
CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

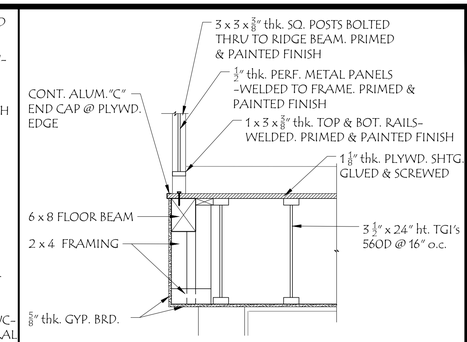
Scale: AS NOTED
Drawn by: CMG
Date: 06/12/2026
Job #: 10504.014
Sheet: A2.0
Sheet: 9 of 37



EDGE DETAIL @ SHELF — SCALE: 3/4" = 1'-0" — 3



EDGE DETAIL @ HEADER — SCALE: 3/4" = 1'-0" — 2



EDGE DET. @ TGI & MEZZ. RAIL — SCALE: 3/4" = 1'-0" — 1

PHASE II – (N) ROOF FRAMING PLAN — NORTH — SCALE: 1/4" = 1'-0"

KEY NOTES:

1. (N)ROOF SCUPPERS & DOWNSPOUTS
2. (N)ROOF DRAIN & DOWNSPOUT @ POST
3. (N)PARAPET FLASHING
4. (N)DRAINAGE LINE TO FACE OF CURB
5. (N)BUILT-UP HIGH PERF. CLASS "A" FIRE RATED ROOF. 2 LAYERS FIBERGLASS BASE SHT. & TORCH APPLIED MOD. MIN. SHT. o/2 no. LAYERS 30 lb. FELT
6. (N)GA. METAL ROOF o/1/2" thk. PLYWD. SHTG.
7. (N)HVAC MINI-SPLIT UNITS (2 no.) LOCATED AT MEZZANINE LEVEL
8. (E)ELECTRICAL CONDUIT – SURFACE MOUNTED ON (E) ROOF
9. (N)4 x 14 MTL. BEAM FRAME w/GA. MTL. WRAP
10. (N)2 x 8 RIPPED R.J.'S (SLOPED TO DRAIN @ MIN. 1/4" PER lin. ft. (TYP. @ COVERED STORAGE AREA)
11. (N)2 x 8 LEDGER @ (N) BLDG. – SEE STRUCT. DRWGS FOR DET'S
12. (N) 3 1/2" x 24" ht. TGI's 560D @ 16" o.c. (TYP. @ MEZZ. FLOOR)
13. (N) 2 x 8 @ 24" o.c. (TYP. @ MEZZ. SHELF/ COVERED AREA)
14. (N) 2 x 8 (TYP. @ MEZZ. SHELF)
15. (N) 2 x 8 @ MEZZ. SHELF EDGE

PHASE II – (N) MEZZANINE & COVERED STORAGE FRAMING PLANS — NORTH — SCALE: 1/4" = 1'-0"

(N)MEZZANINE & ROOF FRAMING PLAN

LICENSED ARCHITECT — CHRISTINA GRINA — C - 28080 — 8/31/27 — STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz — "Plans signed by Danny Schultz are reviewed for Title 24 Energy Code compliance only. Plans not reviewed this department" — 10/21/26
APPROVED BY — DATE

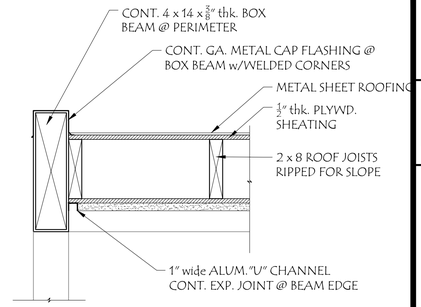
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: CMG
Date: 06/12/2026
Job #: 10504.014
Sheet: A2.1
Sheet: 10 of 37

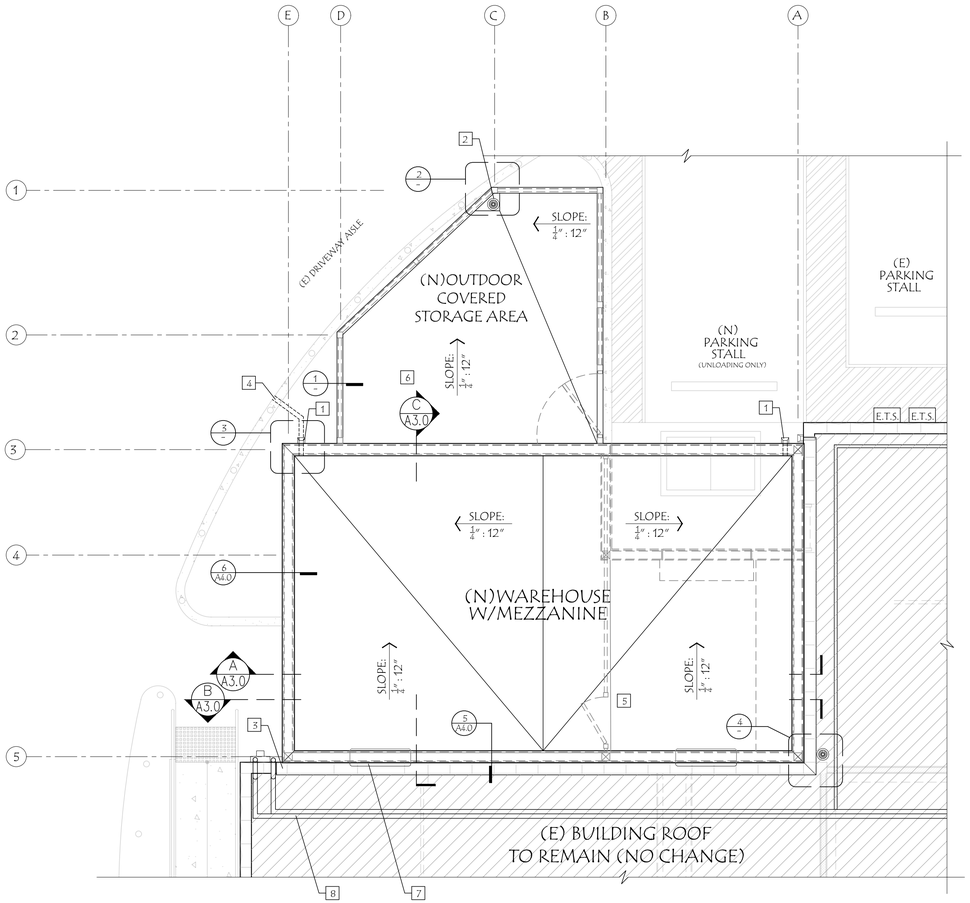


COVERED STORAGE ROOF SCALE: 1 1/2" = 1'-0" | 1

ROOF DRAIN SCALE: 3/4" = 1'-0" | 2

SCUPPER @ ROOF PARAPET SCALE: 3/4" = 1'-0" | 3

(E) ROOF DRAIN RECONFIG. SCALE: 3/4" = 1'-0" | 4



PHASE II - (N) ROOF PLAN

NORTH

SCALE: 1/4" = 1'-0"

KEY NOTES:

1. (N)ROOF SCUPPERS & DOWNSPOUTS
2. (N)ROOF DRAIN & DOWNSPOUT @ POST
3. (N)PARAPET FLASHING
4. (N)DRAINAGE LINE TO FACE OF CURB
5. (N)BUILT-UP HIGH PERF. CLASS "A" FIRE RATED ROOF. 2 LAYERS FIBERGLASS BASE SHT. & TORCH APPLIED MOD. MIN. SHT. o/2 no. LAYERS 30 lb. FELT
6. (N)GA. METAL ROOF o/1/2" thk. PLYWD. SHTG.
7. (N)HVAC MINI-SPLIT UNITS (2 no.) LOCATED AT MEZZANINE LEVEL
8. (E)ELECTRICAL CONDUIT - SURFACE MOUNTED ON (E) ROOF

(N) ROOF PLAN & DETAILS

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED BY 10/21/26
DATE

CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

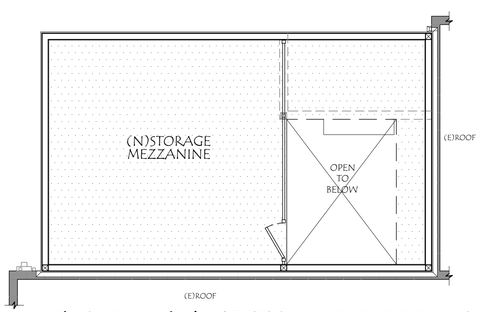
Scale: 1/4"=1'-0"

Drawn by: CMG

Date: 06/12/2026

Job # 10504.014

Sheet: A2.2
Sheet: 11 of 37



PHASE II - (N) MEZZANINE FLOOR PLAN

SCALE: $\frac{3}{16}$" = 1'-0"

(N) FLOORING PLAN

NORTH

SCALE: $\frac{3}{16}$" = 1'-0"

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (N) 2 x STUD WALL (PHASE II)
- (N) BUILT-INS OUTLINE
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (N) CONC. FLOOR, SEALED w/ULTRA MATTE FIN.
- (N) LVP FLOORING TO MATCH PHASE I RENOV. - SHAW "PURVIEW 6" LVP LVP w/TARKETT 6" ht. VINYL COVE BASE "A4 GATEWAY"
- (N) 1⅛" thk. PLYWD FLRG. SEALED w/ ULTRA MATTE FIN.
- (E) BLDG. AREA TO REMAIN (N.I.C.)
- (N) EXTERIOR THRESHOLD
- (N) INTERIOR THRESHOLD @ (N) LVP & CONC. FLOOR
- (N) INTERIOR TRANSITION STRIP (IF REQ'D @ (E) & (N)LVP
- (N) FLOOR MOUNTED ELECTRICAL/IT OUTLETS TO BE SET FLUSH w/LVP. (E) CONC. FLOOR TO BE SAW CUT/ ROUTED FOR WIRING. SEE ELEC. PLAN & ARCH DETAILS

LVP DETAIL SCALE: 1/2" = 1'-0" | 1

VINYL COVE BASE DETAIL SCALE: 1/2" = 1'-0" | 2

FLOOR MOUNTED OUTLET SCALE: 1/2" = 1'-0" | 3

FLOORING NOTES:

1. ALL (E)FLOORS TO BE CLEANED, PREPPED, HOLES FILLED & TO BE LEVELED TO FLUSH w/(E)FLOOR SURFACE. ALL WALLS TO BE CLEANED & PREPPED FOR INSTALLATION OF VINYL COVE BASE MATERIAL.
2. (N)LUXURY VINYL PLANK FLOORING (LVP) TO BE SHAW "PURVIEW 6" TO MATCH (E) PHASE I RENOVATION. FLOORING MATERIAL TO BE INSTALLED/GLUED PER MANUF. SPECS. ORIENTATION OF MATERIAL PER PLAN THIS SHT. PROJECT MANAGER TO BE CONTACTED UPON COMPLETION OF FLOOR PREPARATION AND PRIOR TO ALL LVP INSTALLATION. CONTRACTOR IS NOT TO PROCEED WITH INSTALLATION OF FLOORING MATERIAL WITHOUT PROJECT MANAGER APPROVAL.
3. (N) 6" VINYL COVE BASE MANUF. TARKETT A4 GATEWAY TO MATCH EXISTING PHASE 1 RENOVATION BASE MATERIAL AND INSTALLED IN ALL (N) LVP FLOORING ROOMS (SEE FLOORING PLAN THIS SHT.). (N)CONCRETE FLOOR, (N) PLYWD. MEZZANINE FLOOR & PER MANUF. SPEC'S.
4. (N) 1⅛" thk. PLYWD. FLOORING AT MEZZANINE TO BE GLUED & SCREWED (REFER TO STR. DET'S. FOR NAILING). PLYWD. TO BE SEALED w/ULTRA MATTE SEALER MANUF. VERMONT NATURAL COATINGS "POLY WHEY" SUPREME ULTRA-MATTE (OR APPR. EQ.) 2 COATS MIN.
5. (N) CONCRETE FLOORING AT (N) EVIDENCE STORAGE ROOM TO BE PREPPED & SEALED w/WATER-BASED POLYURETHANE MATTE SEALER PER MANUF. SPEC'S. MANUF. SEMCO SEALER MATTE (OR APPR. EQ.)2 COATS MIN.
6. (N) EXTERIOR SADDLE THRESHOLD REQUIRED AT EVIDENCE STORAGE ROOM ROLL-UP DOOR. ¼" thk. ALUM. PLATE, CAULKED TO PREVENT MOISTURE INFILTRATION. MANUF. PEMKO 14 /1 SERIES w/PEMKOTE FIN. FOR ADA COMPL. (OR APPR. EQ.)
7. WHERE POSSIBLE, GLUED CONNECTIONS BETWEEN (N) & (E) LVP PHASE I AREAS ARE PREFFERED TO THE ADDITION OF TRANISITION STRIPS. (N) TRANSITION STRIPS IF REQUIRED AT (N)FLOORING AREAS MUST BE ADA COMPLIANT. MANUF. TRIMMASTER 8 mm. thk. ALUM. "T" MOLD FLOOR TRANSITION STRIP, MINERAL BRONZE COLOR (OR APPR. EQ.)
8. 2 no. TRANSITION STRIPS REQUIRED AT (N) LVP & CONC. FLOORING. MUST BE ADA COMPLIANT. MANUF. LIFETILES 1 ¾" RUBBER FLOORING TRANSITION STRIP MODEL # LTTRN (OR APPR. EQ.)

(N)FLOORING PLAN

CHRISTINA GRINA
C - 28080
8/31/27
LICENSED ARCHITECT
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED BY
10/21/26
DATE

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

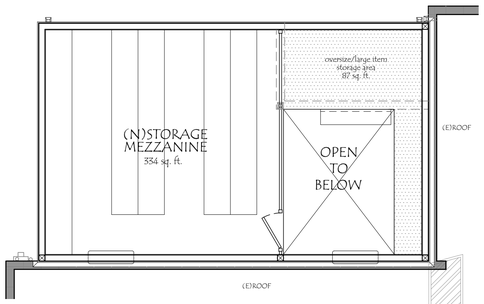
Scale: 3/16"=1'-0"

Drawn by: CMG

Date: 06/12/2026

Job # 10504.014

Sheet: A2.3
Sheet: 12 of 37

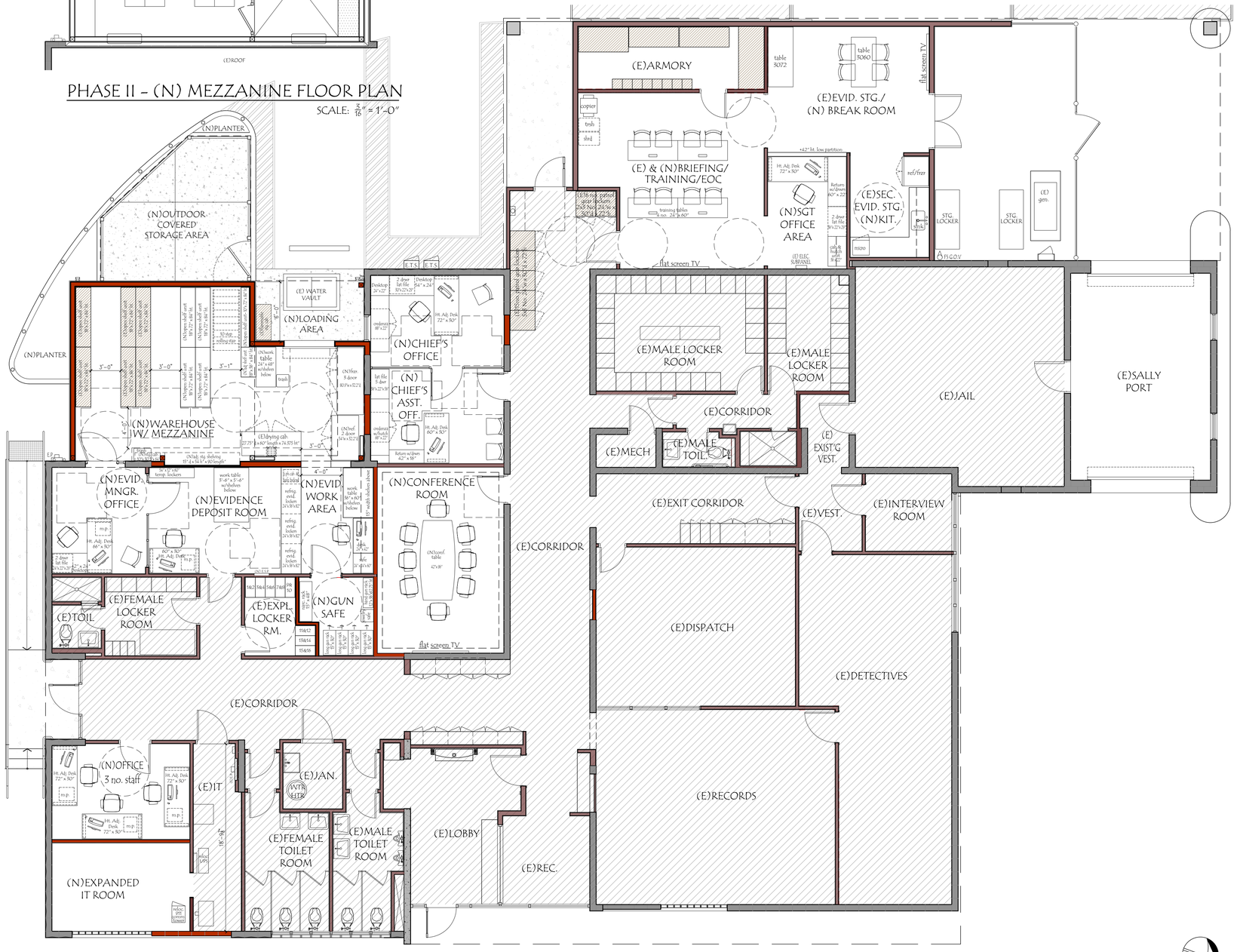


PHASE II - (N) MEZZANINE FLOOR PLAN

SCALE: $\frac{3}{16}$" = 1'-0"

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (N) 2 x STUD WALL (PHASE II)
- (N) BUILT-INS OUTLINE
- (E) BEAM/CABINETS ABOVE
- (E) ROOF OVERHANG
- (E) CONC. PAVING
- (N) CONC. FLOOR, SEALED w/ULTRA MATTE FIN.
- (N) LVP FLOORING TO MATCH PHASE I RENOV. - SHAW "PURVIEW 6" LVP LVP w/TARKETT 6" ht. VINYL COVE BASE "A4 GATEWAY"
- (N) 1⅛" thk. PLYWD FLRG. SEALED w/ ULTRA MATTE FIN.
- (E) BLDG. AREA TO REMAIN (N.I.C.)



(N) FURNITURE PLAN

NORTH

SCALE: $\frac{3}{16}$" = 1'-0"

(N)FURNITURE PLAN

CHRISTINA GRINA
C - 28080
8/31/27
LICENSED ARCHITECT
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

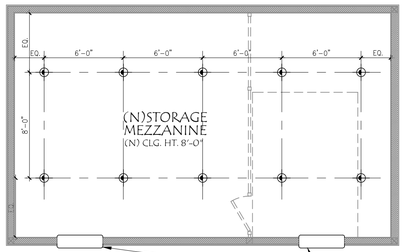
Scale: 3/16"=1'-0"

Drawn by: CMG

Date: 06/12/2026

Job # 10504.014

Sheet: A2.4
Sheet: 13 of 37

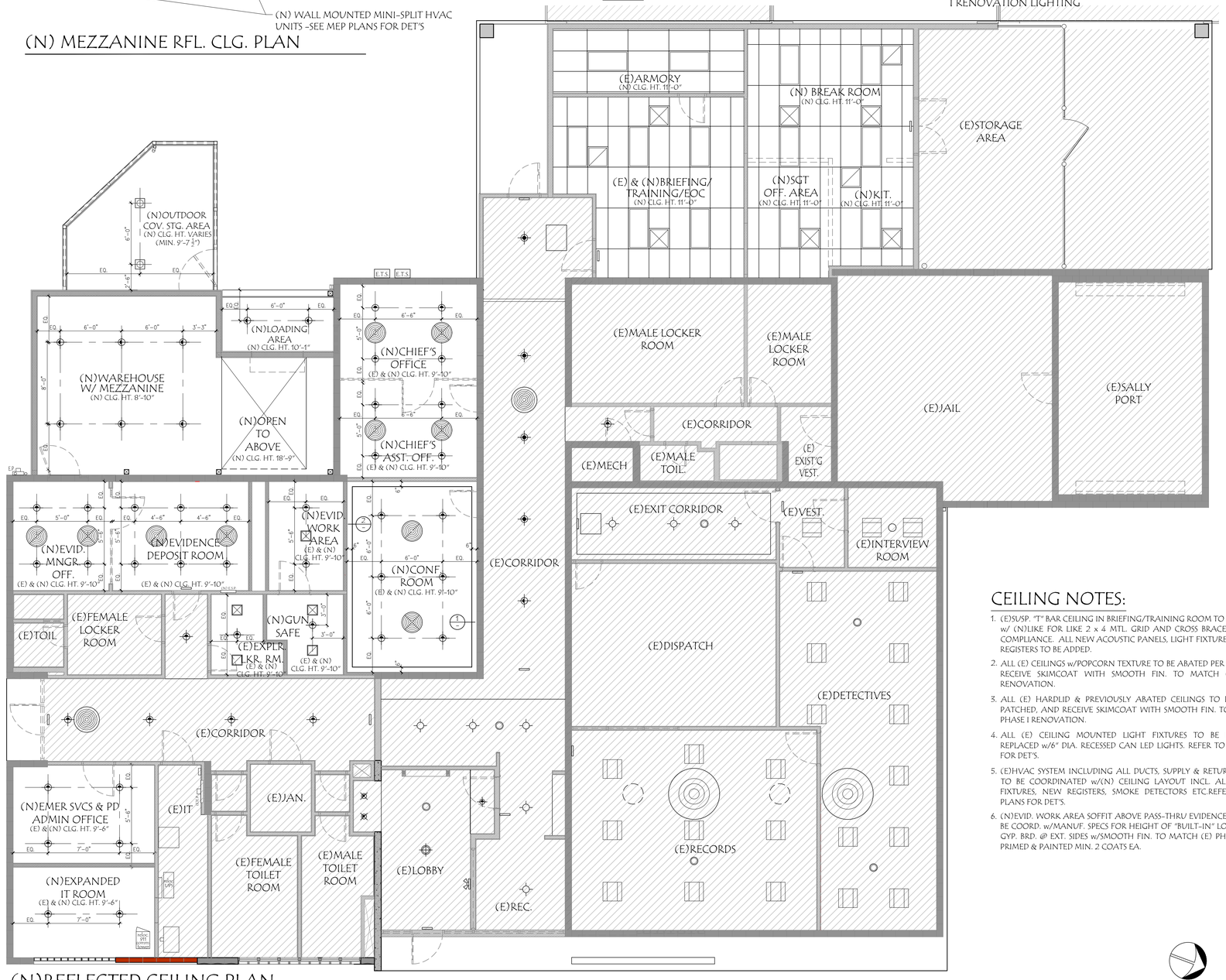


(N) WALL MOUNTED MINI-SPLIT HVAC UNITS -SEE MEP PLANS FOR DET'S

(N) MEZZANINE RFL. CLG. PLAN

LEGEND:

- (E) IN-SITU CONC. WALL
- (E) CONC. BLK. WALL
- (E) DECO. CONC. BLK. WALL
- (N) CONC. BLK. WALL
- (E) 2 x STUD WALL
- (N) 2 x STUD WALL (PHASE II)
- (E) BLDG. AREA TO REMAIN (N.I.C.)
- (N) 2 x 4 SUSP. "T" BAR CEILING
- (N) 2 x 4 SUSP. "T" BAR LIGHT FIXTURE
- (N) 2 x 2 SUSP. "T" BAR HVAC SUPPLY REGISTER
- (N) 2 x 2 SUSP. "T" BAR HVAC RETURN REGISTER
- (N) 24" dia. HARD LID HVAC RETURN REGISTER
- (N) 24" dia. HARD LID HVAC RETURN REGISTER
- (N) 12" sq. HARD LID HVAC RETURN REGISTER
- (N) 12" sq. HARD LID HVAC SUPPLY REGISTER
- (N) 6" RECESSED LED LIGHTING
- (N) SURFACE MOUNTED EXTERIOR LED FIXTURES
- (N) SUSP. SOFFIT w/RECESSED LOW VOLTAGE LED COLOR STRIP (BLUE) LIGHTING TO MATCH PHASE I RENOVATION LIGHTING

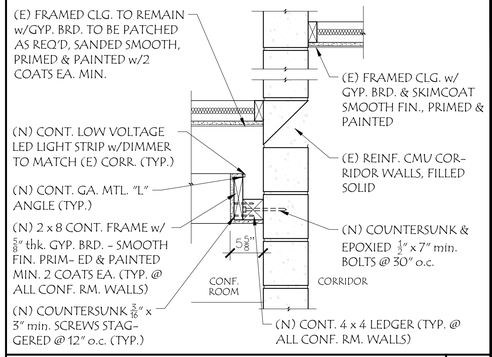


CEILING NOTES:

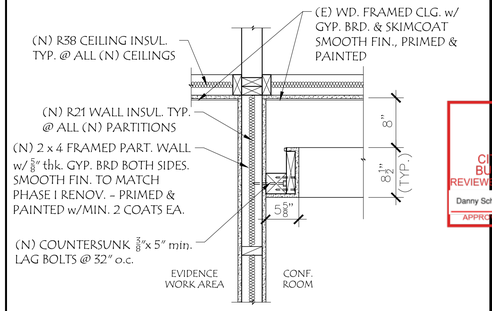
1. (E)SUSP. "T" BAR CEILING IN BRIEFING/TRAINING ROOM TO BE REPLACED w/ (N)LIKE FOR LIKE 2 x 4 MTL. GRID AND CROSS BRACED FOR CODE COMPLIANCE. ALL NEW ACOUSTIC PANELS, LIGHT FIXTURES AND HVAC REGISTERS TO BE ADDED.
2. ALL (E) CEILINGS w/POPCORN TEXTURE TO BE ABATED PER SHEET A1.6 & RECEIVE SKIMCOAT WITH SMOOTH FIN. TO MATCH (E) PHASE I RENOVATION.
3. ALL (E) HARDLID & PREVIOUSLY ABATED CEILINGS TO BE CLEANED, PATCHED, AND RECEIVE SKIMCOAT WITH SMOOTH FIN. TO MATCH (E) PHASE I RENOVATION.
4. ALL (E) CEILING MOUNTED LIGHT FIXTURES TO BE REMOVED & REPLACED w/6" DIA. RECESSED CAN LED LIGHTS. REFER TO ELEC. PLANS FOR DET'S.
5. (E)HVAC SYSTEM INCLUDING ALL DUCTS, SUPPLY & RETURN REGISTERS TO BE COORDINATED w/(N) CEILING LAYOUT INCL. ALL (N) LIGHT FIXTURES, NEW REGISTERS, SMOKE DETECTORS ETC.REFER TO HVAC PLANS FOR DET'S.
6. (N)EVID. WORK AREA SOFFIT ABOVE PASS-THRU EVIDENCE LOCKERS TO BE COORD. w/MANUF. SPECS FOR HEIGHT OF "BUILT-IN" LOCKERS. 5/8" thk. GYP. BRD. @ EXT. SIDES w/SMOOTH FIN. TO MATCH (E) PHASE I WALLS. PRIMED & PAINTED MIN. 2 COATS EA.

NORTH
SCALE: 1/8" = 1'-0"

(N)REFLECTED CEILING PLAN



(N) SOFFIT @ CMU WALL DETAIL — SCALE: 1" = 1'-0" — 1



(N) SOFFIT @ WD. FRAME WALL DETAIL — SCALE: 1" = 1'-0" — 2

TYP. SUSP. "T" BAR CEILING — SCALE: 1" = 1'-0" — 3

(N)REFLECTED CEILING PLAN

CHRISTINA GRINA
C - 28080
8/31/27
LICENSED ARCHITECT
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

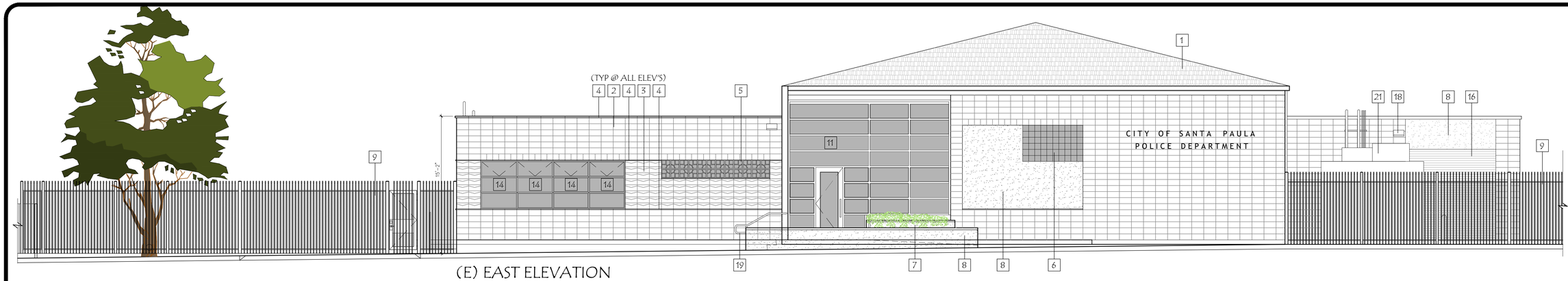
CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

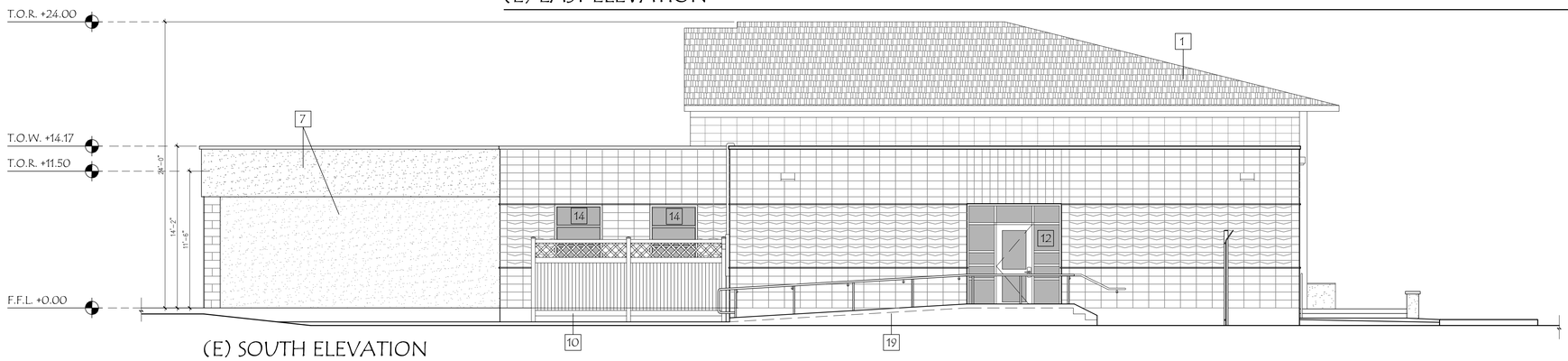
#	Revision	Date

Scale: AS NOTED
Drawn by: CMG
Date: 05/04/2026
Job # 10504.014
Sheet: A2.5
Sheet: 14 of 37



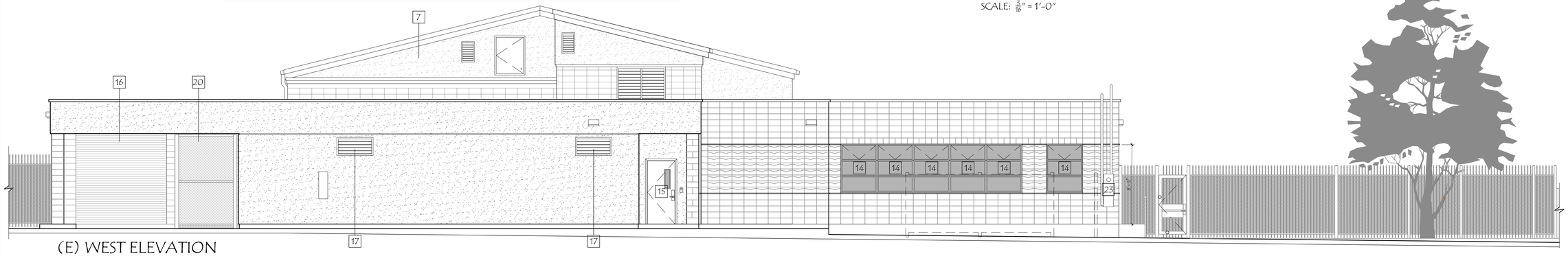
(E) EAST ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"



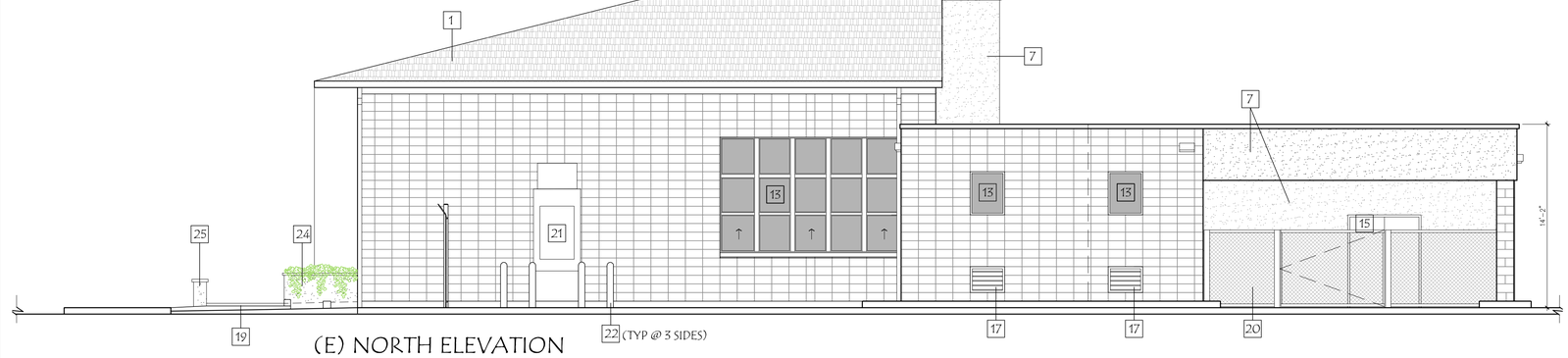
(E) SOUTH ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"



(E) WEST ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"



(E) NORTH ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"

KEYNOTES:

1	(E) ASPHALT SHINGLE ROOF
2	(E) STND. CMU - PAINTED LT. GREY
3	(E) DECORATIVE CMU - PAINTED MED. GREY
4	(E) CMU ACCENT BAND - PAINTED BLACK
5	(E) CMU ACCENT PATTERN - PAINTED BLACK
6	(E) GLASS BLOCKS
7	(E) STUCCO FINISH - GREY COLOR
8	(E) STUCCO FINISH ACCENT - BLUE COLOR
9	(E) PERIMETER FENCE - BLACK COLOR
10	(E) VINYL FENCE @ PATIO TO BE REMOVED
11	(E) BULLET RESISTANT GLAZING SYSTEM
12	(E) ALUM. STOREFRONT
13	(E) WINDOWS TO REMAIN
14	(E) WINDOWS TO BE REMOVED
15	(E) DOORS TO REMAIN
16	(E) ROLL-UP DOORS TO REMAIN
17	(E) MTL. LOUVERS TO REMAIN
18	(E) SECURITY LIGHT FIXTURES (TYP.)
19	(E) RAMP, HANDRAIL & STAIRS TO REMAIN
20	(E) CHAINLINK FENCING TO REMAIN
21	(E) BACK UP GENERATOR
22	(E) BOLLARDS
23	(E) ELEC. PANEL & CONDUITS TO REMAIN
24	(E) RAISED PLANTER
25	(E) RAISED SEAT WALL

(E) ELEVATIONS

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-9040

CONSULTANT:

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED BY
10/21/26
DATE

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

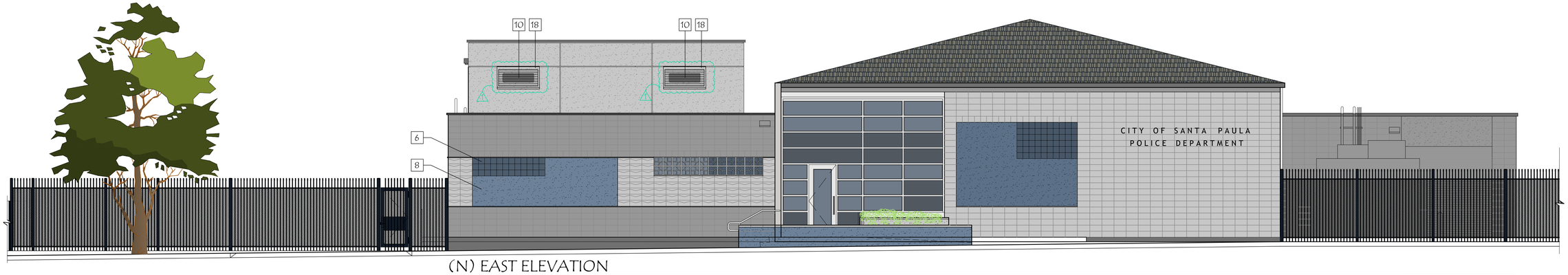
Scale: AS NOTED

Drawn by: CMG

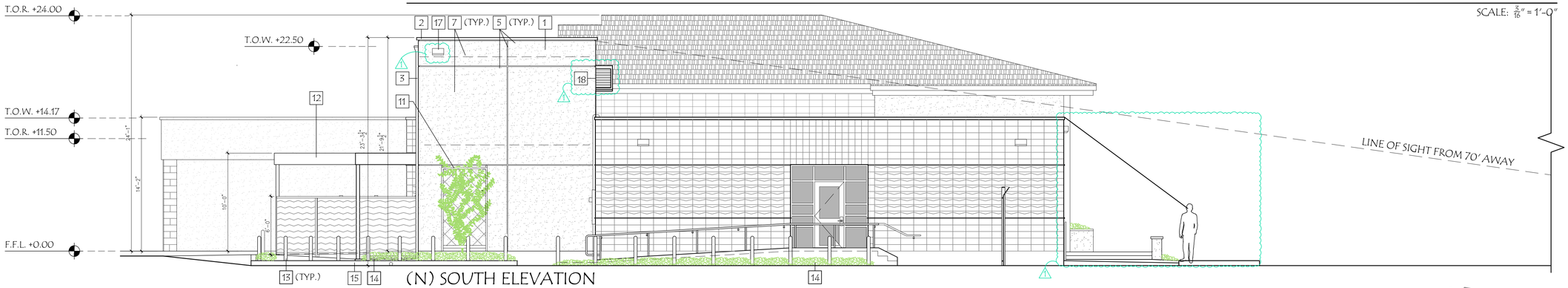
Date: 05/04/2026

Job # 10504.014

Sheet: A3.0
Sheet: 15 of 37

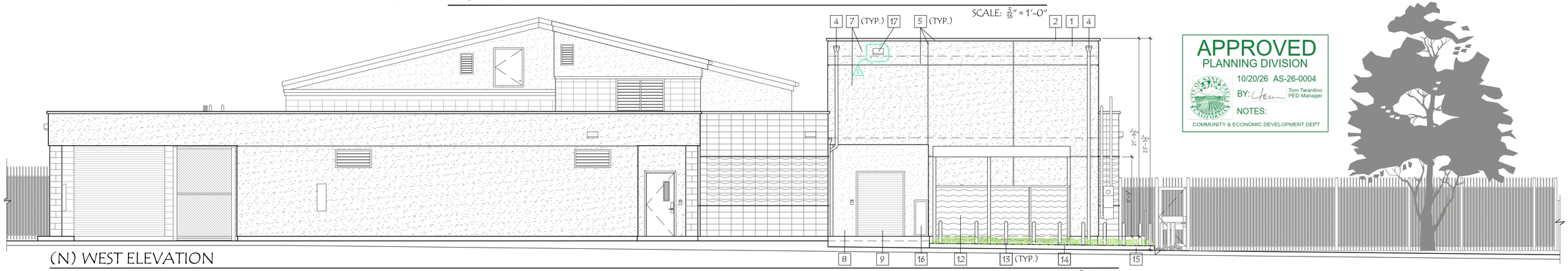


(N) EAST ELEVATION



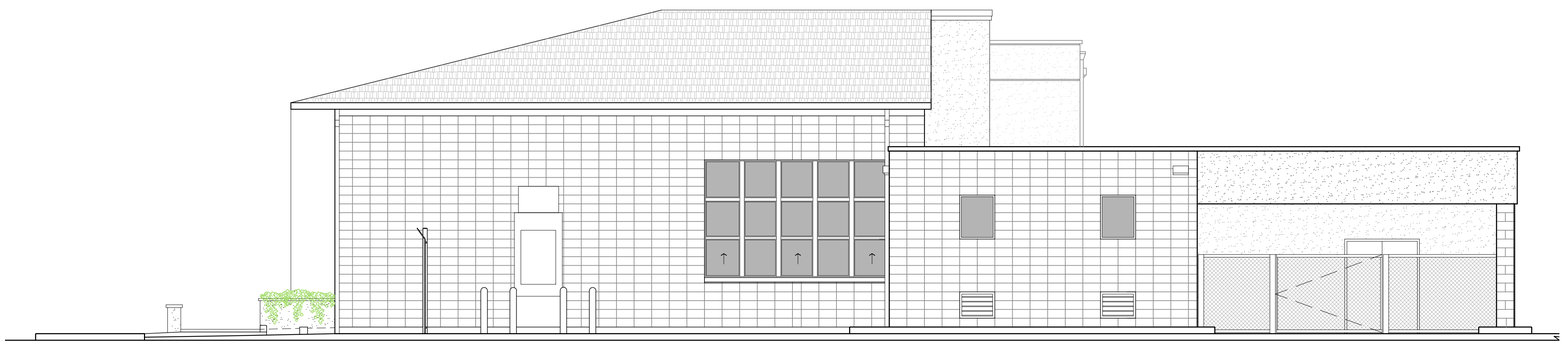
(N) SOUTH ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"



(N) WEST ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"



(N) NORTH ELEVATION

SCALE: $\frac{3}{16}$" = 1'-0"

APPROVED
PLANNING DIVISION
10/20/26 AS-26-0004
BY: Tom Tarantino, PED Manager
NOTES:
COMMUNITY & ECONOMIC DEVELOPMENT DEPT

KEYNOTES:

1. (N) FLAT ROOF-SLOPED TO DRAIN w/PARAPET
2. (N) CONT. COPING CAP - PAINTED GREY
3. (N) MTL. ROOF DOWNSPOUTS - PAINTED GREY
4. (N) MTL. SCUPPERS
5. (N) 1" thk. ALUM. CONTROL JOINTS
6. (N) GLASS BLOCKS
7. (N) STUCCO FINISH - GREY COLOR
8. (N) STUCCO FINISH ACCENT - BLUE COLOR
9. (N) ROLL-UP DOOR, BLUE COLOR
10. (N) WALL MOUNTED HVAC MINI SPLIT-UNIT
11. (N) MTL. TRELLIS STRUCTURE FOR VINES
12. (N) MTL. COVERED SHADE STRUCTURE w/ DECORATIVE METAL SCREEN PANELS
13. (N) BOLLARDS - PAINTED STND. YELLOW
14. (N) PLANTER
15. (N) 6" ht. CONC. CURB
16. (N) FLAMMABLE CONTAINMENT CABINET
17. (N) DOWNSHADED WALL MOUNTED SECURITY LIGHT FIXTURE
18. (N) ALUMINUM MINI SPLIT WALL MOUNTED SCREEN-BLK POWDER COAT

(N) ELEVATIONS

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE (805) 525-6400 FAX (805) 933-8040

CONSULTANT:

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED BY
10/21/26
DATE

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date
1	PC#1	10/15/26

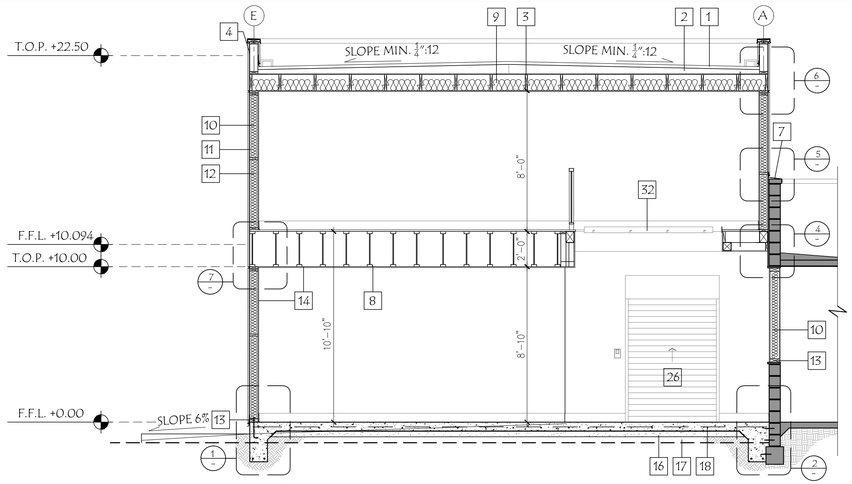
Scale: AS NOTED

Drawn by: CMG

Date: 05/04/2026

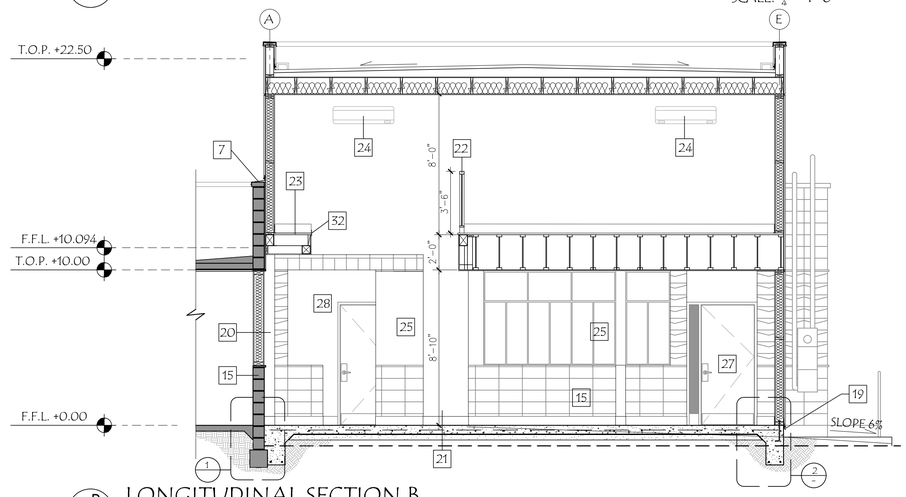
Job # 10504.014

Sheet: A3.1
Sheet: 16 of 37



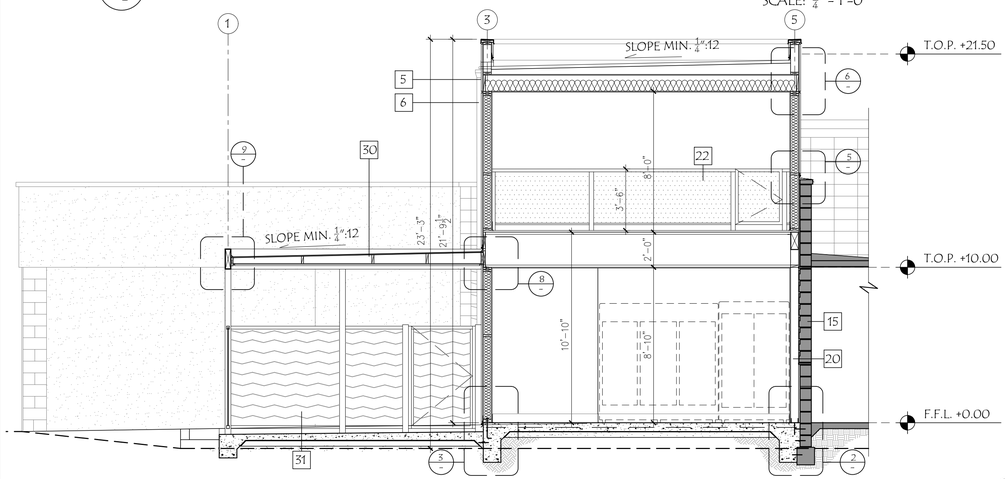
A - LONGITUDINAL SECTION A

SCALE: 1/4" = 1'-0"



B - LONGITUDINAL SECTION B

SCALE: 1/4" = 1'-0"



C - CROSS SECTION C

SCALE: 1/4" = 1'-0"

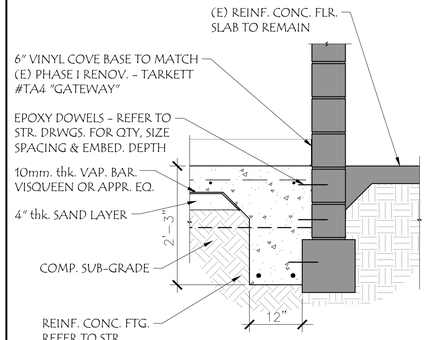
KEYNOTES:

1. BUILT-UP HIGH PERF. CLASS "A" FIRE RATED ROOF. 2 LAYERS FIBERGLASS BASE SHT. & TORCH APPLIED MOD. MINERAL SHT. o/2 no. LAYERS 30 lb. FELT & 1/2" thk. PLYWD. SHTG.
2. 2 x RIPPED FOR SLOPE
3. 2 x 12 ROOF JOISTS @ 24" o.c.
4. CONT. MTL. PARAPET COPING CAP w/ "J" TYPE FLASHING BOTH SIDES. PAINTED GREY TO MATCH STUCCO COLOR
5. SCUPPER
6. ROOF DOWNSPOUT
7. CONT. MTL. PARAPET/WALL FLASHING w/"J" TYPE EDGE @ ROOF EDGE ONLY.
8. 3 1/2" x 24" ht. TGI's 560D @ 16" o.c. w/ 1 1/8" thk. PLYWD SHTG GLUED & SCREWED.
9. R38 BATT INSULATION PER TITLE 24 REQUIREMENTS @ ROOF
10. R21 BATT INSULATION PER TITLE 24 REQUIREMENTS @ WALLS
11. 2 x 6 @ 16" o.c. EXT. FRAMED WALLS w/ 1/2" thk. PLYWD. SHTG. @ ALL EXT. SURFACES & 3 COAT STUCCO FIN. "LA HABRA" COLOR #P-2090 "THUNDER SKY" (OR APPR. EQ.). 1" OFFSET FROM (E) CMU WALLS
12. 2 x FIRE BLOCKING
13. 3 x P.T. PLATE @ ALL CONC. & CMU SURFACES -SECURE w/AB's
14. 5/8" THK. GYP. BRD. @ WALLS, CEILING & BEHIND ALL CABINETS. SMOOTH FINISH-PRIMED & PAINTED TO MATCH PHASE I(TYP.)
15. EXIST'G CMU
16. 4" thk. SAND LAYER
17. 10 mm thk. VAPOR BARRIER - VISQUEEN OR APPR. EQ.
18. REINF. CONC. SLAB & FTGS. PER STRUCTURAL DRAWINGS
19. GA. MTL. WEEP SCREED (TYP.)
20. 6 x 6 WOOD POST - REFER TO STR. DRWGS. SHT. S-2
21. 6 x 24 STRONGWALL - REFER TO STR. DRWGS. SHT. S-2
22. METAL HANDRAIL & GATE
23. BULKY ITEM STORAGE SHELF
24. SINGLE ZONE MINI-SPLIT HVAC UNIT
25. CUSTOM MDF BUILT-IN CABINETS w/ADJ. SHELVES @ FORMER WINDOW LOCATION. FINISH & HARDWARE TO MATCH EXIST'G PHASE I RENOV. CABINETRY
26. COMMERCIAL ROLL-UP DOOR w/LOCK
27. STND. DOOR w/SIDELIGHT, TRANSOM & TIMELY FRAMES (OR APPR. EQ.). CMU TO BE REMOVED BELOW EXIST'G SILL. DOOR TYPE, HARDWARE, FINISH & COLOR TO MATCH EXIST'G PHASE I RENOV. SEE SHT. A6.0 FOR DOOR SCHEDULE.
28. NEW OPENING @ EXIST'G WINDOW LOCATION. CMU TO BE REMOVED BELOW TO ALLOW 36" CLEAR OPENING. NEW COUNTER TOP SURFACE @ PREVIOUS SILL.
29. EXIST'G WINDOW OPENING TO BE FURRED & INFILLED w/ 5/8" thk. GYP. BRD, SMOOTH FINISH, PRIMED & PAINTED TO MATCH ADJACENT WALLS
30. COVERED OUTDOOR STORAGE METAL ROOF CANOPY STRUCTURE SLOPED TO DRAIN - SEE SHT A2.2 ROOF PLAN FOR DET'S
31. COVERED OUTDOOR STORAGE PRIVACY SCREEN
32. (N) 4" WIDE SLOTTED ALUM. EDGE TRIM TYP @ BULK STG. SHELF

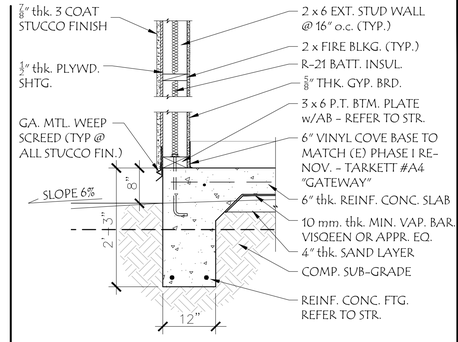
LEGEND:

- (E) FINISH GRADE OF ASPHALT PAVING
- (E) CMU, CONC. & ROOF TO REMAIN
- (E) COMPACTED SUB-GRADE
- (N) CAST-IN-SITU REINF. CONC.
- (N) SAND LAYER
- (N) COMPACTED SUB-GRADE

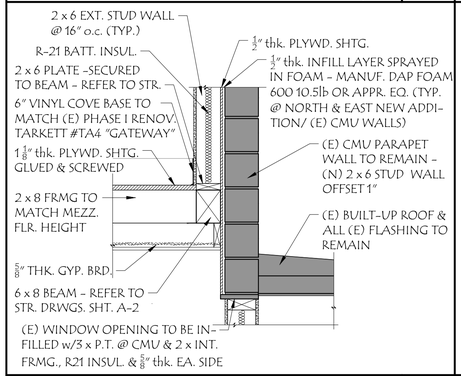
(N) CROSS, LONGITUDINAL SECTIONS & DETAILS



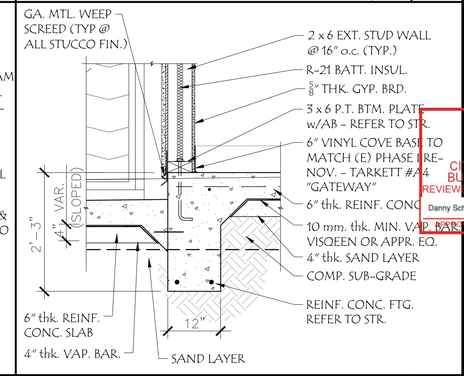
FNDTN. @ (E) CMU BLDG. WALL — SCALE: 3/4" = 1'-0" — 2



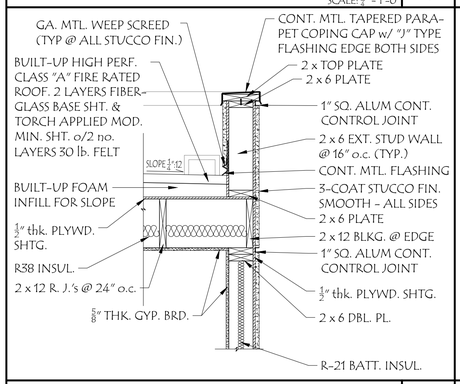
TYP. PERIMETER FNDTN. — SCALE: 3/4" = 1'-0" — 1



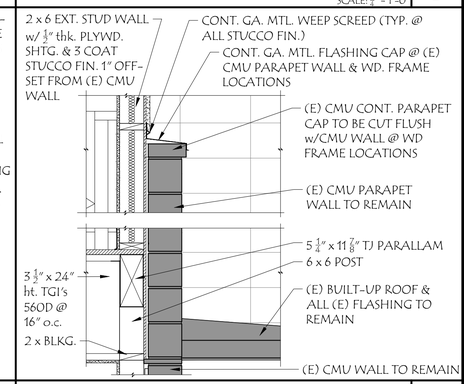
BEAM @ (E) CMU PARAPET — SCALE: 3/4" = 1'-0" — 4



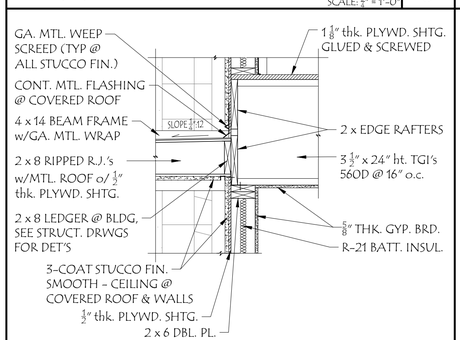
FNDTN @ COVERED STORAGE — SCALE: 3/4" = 1'-0" — 3



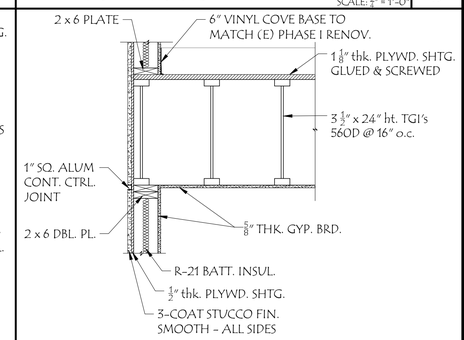
TYP. (N) ROOF PARAPET — SCALE: 3/4" = 1'-0" — 6



TYP. FLASHING (E) CMU PARAPET — SCALE: 3/4" = 1'-0" — 5



COVERED ROOF @ (N) BLDG. — SCALE: 3/4" = 1'-0" — 8



TYP. EDGE BEAM — SCALE: 3/4" = 1'-0" — 7

CHRISTINA GRINA C - 28080 8/31/27 LICENSED ARCHITECT STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

CITY OF SANTA PAULA BUILDING AND SAFETY REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
REVIEWED BY DATE

PROJECT: SANTA PAULA POLICE STATION RENOVATION

CLIENT: CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

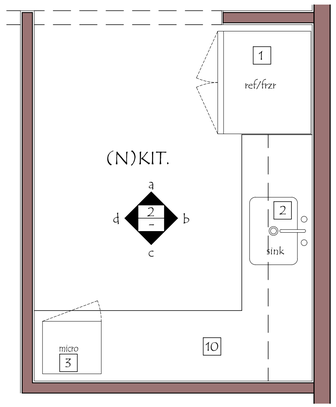
Scale: AS NOTED

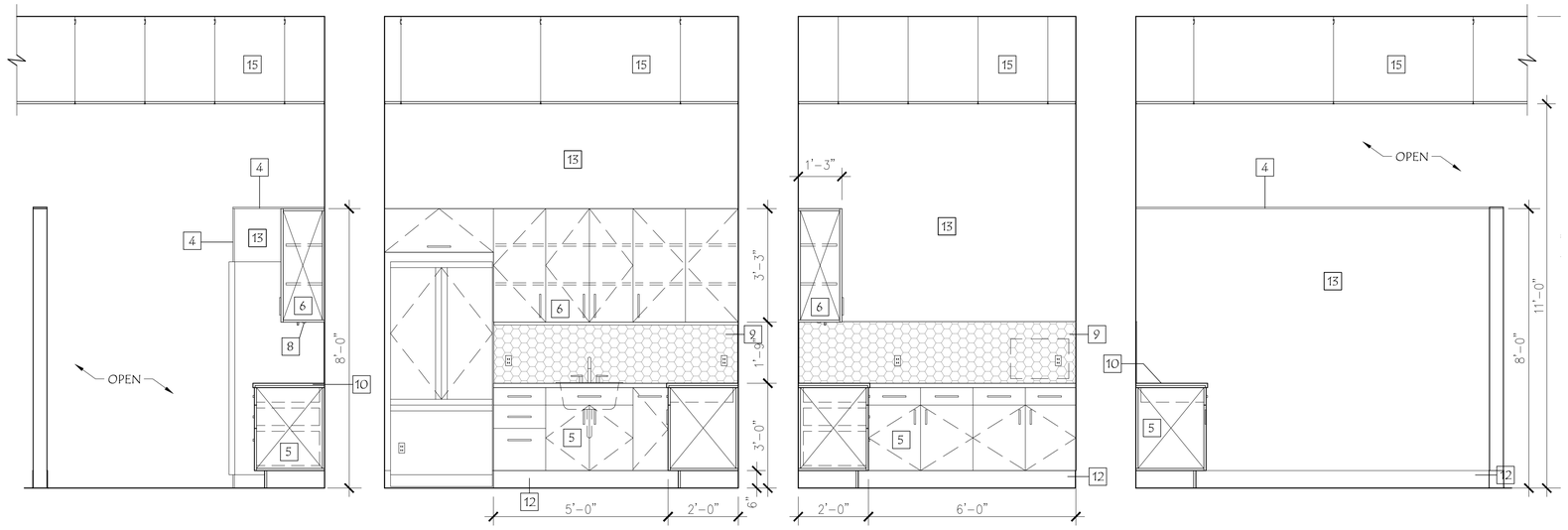
Drawn by: CMG

Date: 06/12/2026

Job # 10504.014

Sheet: A4.0
Sheet: 17 of 37





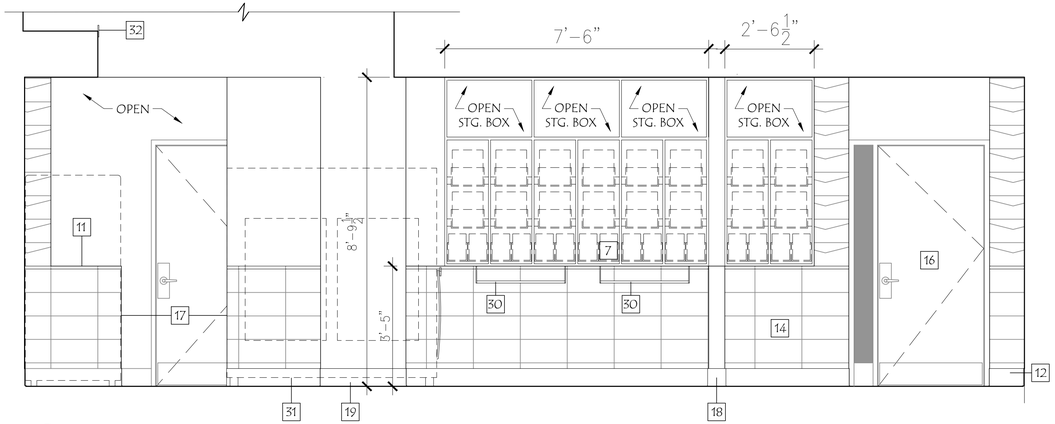
a b c d

1 - KITCHEN PLAN

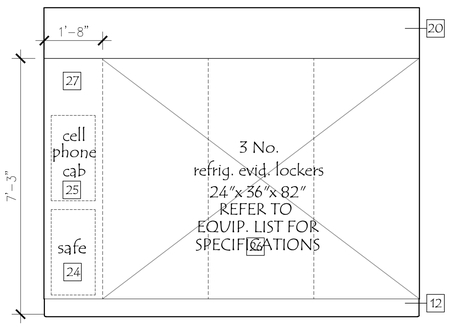
SCALE: $\frac{1}{2}$" = 1'-0"

2 - KITCHEN ELEVATIONS

SCALE: $\frac{1}{2}$" = 1'-0"

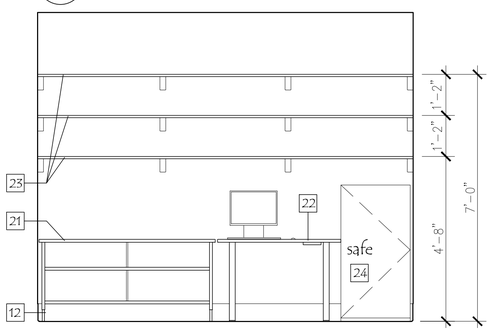


3 - WAREHOUSE BUILT-IN CABINETS



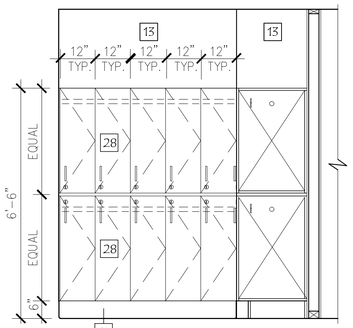
4 - EVIDENCE LOGIN

SCALE: $\frac{1}{2}$" = 1'-0"



5 - EVIDENCE WORK AREA

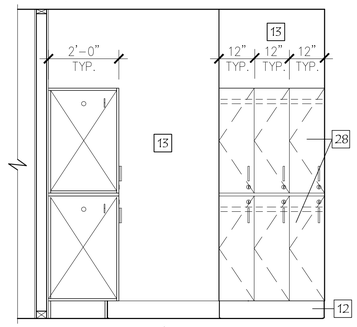
SCALE: $\frac{1}{2}$" = 1'-0"



a

6 - EXPLORER LOCKERS

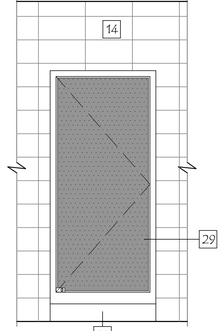
SCALE: $\frac{1}{2}$" = 1'-0"



b

7 - DISPLAY CASE

SCALE: $\frac{1}{2}$" = 1'-0"



KEYNOTES:

1. (E) REFRIG./FREEZER RELOCATED FROM (E) BREAK ROOM – N.I.C., WATER FILTER CONNECTION TO BE INSTALLED AT REAR WALL
2. (N) UNDERMOUNT STAINLESS STEEL SINK w/ ADA COMPLIANT STAINLESS STEEL FAUCET
3. (E) MICROWAVE – N.I.C.
4. (N) WIDENED OPENING w/EDGE/JAMB & WALL CAP TRIM TO MATCH MDF CABINETS
5. (N) BASE CABINETS w/MDF FINISH & CABINET HARDWARE TO MATCH PHASE 1 RENOVATION
6. (N)UPPER CABINETS w/MDF FINISH & CABINET HARDWARE TO MATCH PHASE 1 RENOVATION. ADJ. SHELVES IN EA. CABINET. INTEGRATED DRAWERS & ADJ. SHELVES AS SHOWN
7. (N)CABINET FRAMES w/MDF FINISH & ADJ. DRAWERS FOR 6" x 9" & 10.25" x 12" STORAGE ITEMS. FINISH TO MATCH PHASE 1 RENOVATION. CABINET FRAMES TO BE MOUNTED ON (E) CMU WINDOW SILL
8. (N)INTEGRAL UNDER-COUNTER LED LIGHT STRIP AT UPPER KITCHEN CABINET
9. DECORATIVE CERAMIC TILE BACKSPLASH w/ STAINLESS STEEL SCHLUTER STRIP EDGES, VARIGATED GREY COLOR
10. QUARTZ COUNTERTOP w/BEVEL EDGE, LIGHT GREY COLOR
11. QUARTZ COUNTERTOP AT (E) CMU WINDOW SILL w/BEVEL EDGE, LIGHT GREY COLOR
12. RUBBER COVE BASE TO MATCH (E) PHASE RENOVATION, MED. GREY COLOR
13. GYPSUM BOARD WALL w/SMOOTH FINISH PAINTED LIGHT GREY (EGGSHELL)
14. (E) CMU WALLS TO REMAIN, PAINT FINISH
15. (N) SUSPENDED "T" BAR CEILING w/INTEGRAL LIGHTING, HVAC SUPPLY & RETURN REGISTERS
16. (N) DOOR & SIDE LITE TO BE FRAMED WITHIN (E) CMU WINDOW OPENING. CMU TO BE CUT TO SLAB, EDGES PATCHED AND PAINTED
17. (N) OPENING/ACCESS AT (E) CMU WINDOW OPENING. CMU TO BE CUT TO SLAB, EDGES PATCHED AND PAINTED
18. (N) 6 x 6 METAL POST
19. (N) 6 x 8 METAL POST & STRONG WALL
20. (N) GYPSUM BOARD SOFFIT, SMOOTH FIN., PAINTED LIGHT GREY COLOR
21. (N) WORKTABLE
22. (N) ADJUSTABLE HEIGHT WORK DESK
23. (N) ADJUSTABLE HEIGHT CONTINUOUS SHELVES
24. (E) EVIDENCE SAFE
25. (E) SECURE CELL PHONE CABINET
26. (N) REFIGERATED EVIDENCE LOCKERS
27. (N) BUILT-IN CABINET /SHELVING FOR (E) CELL PHONE & EVIDENCE SAFE. FINISH TO MATCH (E) PHASE 1 RENOVATION.
28. (N) BUILT-IN LOCKER CABINETS w/POLE, HOOK AND KEYED LOCK TO MATCH (E) LOCKERS COMPLETED IN PHASE 1. FINISH & HARDWARE TO MATCH (E) PHASE 1 RENOVATION.
29. (N) BUILT-IN MDF DISPLAY CASE w/BULLETIN BOARD BACK, FELT COVERED, DARK BLUE COLOR. SINGLE PIANO HINGED TEMPERED CLEAR GLASS DOOR $\frac{3}{8}$" thk. w/BOTTOM KEYED LOCK. MDF TO MATCH PHASE 1 RENOVATION CABINETRY FINISH & HARDWARE. APPROX. SIZE 3' x 7', CONTRACTOR TO VERIFY EXACT SIZE ON SITE.
30. (N) SUSPENDED DOWELS FOR BUTCHER PAPER & HEAVY DUTY PAPER ROLLS DISPENSER MOUNTED UNDER CABINET.
31. (E) EVIDENCE DRYING CABINET w/FLOOR SINK RELOCATED TO (N) EVIDENCE WAREHOUSE.
32. (N) 4" WIDE SLOTTED ALUM. EDGE TRIM TYP @ BULK STG. SHELF

LEGEND:

- (E) CMU TO REMAIN
- (E) DECORATIVE CMU TO REMAIN
- BACKSPLASH ACCENT TILE
- SHELVES & DRAWERS
- LINE OF CABINETS & BEAM ABOVE

INTERIOR ELEVATIONS

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
APPROVED BY
10/21/26
DATE

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

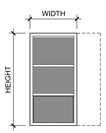
Scale: AS NOTED
Drawn by: CMG
Date: 05/04/2026
Job # 10504.014
Sheet: A5.0
Sheet: 18 of 37

WINDOW SCHEDULE

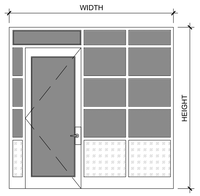
#	WINDOW SIZE WIDTH	WINDOW SIZE HEIGHT	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	TYPE	STYLE	QTY.	MATERIAL	HDR	JAMB	SILL	U FACTOR	U FACTOR SOURCE	SHGC COEF.	SHGC SOURCE	TEMP.	BUG SCREEN	TEMP.	REMARKS
W1	2'-8"	5'-2"	4'-0"	5'-3"	A	FIXED	1	ALUM	Y	Y	Y	.3	NFRC	.23	NFRC	Y	N	Y	
W2	9'-2"	9'-4"	9'-2"	9'-4"	B	STOREFRONT	1	ALUM	Y	Y	Y	–	–	–	–	Y	N	Y	COMMERCIAL SYSTEM
W3	13'-5"	9'-4"	13'-5"	9'-4"	B	STOREFRONT	1	ALUM	Y	Y	Y	–	–	–	–	Y	N	Y	COMMERCIAL SYSTEM

WINDOW TYPES

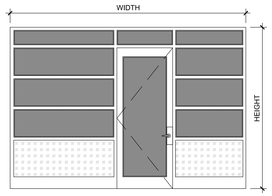
NOTE: WINDOW LABELING IS TO REMAIN IN PLACE ON THE WINDOW(S) AT THE TIME OF INSPECTION AND SHALL MATCH THE FACTORS AND COEFFICIENTS ON THE TITLE 24 ENERGY CALCULATIONS



FIXED
A



STOREFRONT
B

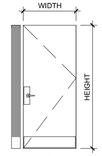


STOREFRONT
C

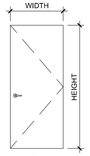
DOOR SCHEDULE

#	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	ROUGH OPENING WIDTH	ROUGH OPENING HEIGHT	LOCATION	TYPE	STYLE	THKNS	MTL	FINISH	COLOR	HDR	JAMB	THR	HDWR	PANIC HDWR	LOCK	CLSR	HINGE DIR	GLASS	TEMP.	REMARKS
001	3'-0"	7'-0"	4'-0"	8'-9 1/2"*	EVID. MNGR. OFF.	A	SLAB w/SIDE LT.	1 3/4"	MTL	FACTORY	BLUE PT-5	Y	Y	N	DB	Y	Y	Y	R	SIDELIGHT OPAQUE TEXTURE	Y	*(E) RO – 6x10 HEADER PER STR. DRWGS–PAINTED FIN.
002	5'-0"	7'-0"	5'- 1 1/2"	7'-1"	WAREHOUSE	C	ROLL-UP	2"	MTL	PAINT	BLUE PT-5	Y	Y	N	KP**	–	Y	–	NA	–	–	**KEY PAD/SECURITY LOCK & W/AUTO SENSOR
003	3'-0"	7'-0"	3'- 1 1/2"	7'-1"	GUN SAFE	B	SOLID CORE SLAB	1 3/4"	MTL	PAINT	GREY	Y	Y	N	DB	N	Y	Y	R	–	–	

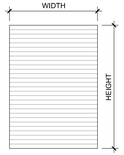
DOOR TYPES



A
INTERIOR
SLAB w/SIDELITE



B
INTERIOR
SLAB–S.C.



C
STANDARD
ROLL-UP DOOR

NOTE:
EXIT DOOR(S) SHALL PROVIDE A MIN. CLEAR WIDTH OF 32" MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90°

ROOM FINISH SCHEDULE

		FLOORS								WALLS							CEILINGS				REMARKS
		FLOORING				BASE															
#	LOCATION	MATERIAL	SIZE	FINISH	COLOR	MATERIAL	HEIGHT	FINISH	COLOR	NORTH	EAST	SOUTH	WEST	MTL	FINISH	COLOR	HEIGHT	MATERIAL	FINISH	COLOR	
101	WAREHOUSE	CONCRETE	NA	SMOOTH	NATURAL	VINYL	6"	–	GREY	CMU	CMU	GYP BRD	GYP BRD	PAINT	FLAT	PT-1	8'-9 1/2"	GYP BRD	PAINT	WHITE	
102	EVID. MNGR. OFF.	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	STOREFRONT	GYP BRD	CMU	CMU	PAINT	FLAT	PT-1	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
103	EVIDENCE DEPOSIT ROOM	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD/ LOCKERS	GYP BRD	STOREFRONT	CMU & GYP BRD	PAINT	FLAT	PT-1 @ N,S,&W PT-2@ E	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
104	EVID. WORK AREA	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	GYP BRD	GYP BRD/ LOCKERS	CMU	PAINT	FLAT	PT-1 @ S, E&W PT-3@ N	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
105	EXPLORER'S LOCKER RM	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT-1	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
106	GUN SAFE	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT-1	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
107	CONFERENCE RM.	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	CMU	CMU & GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT-1@ N PT-2@ N&S PT-5@ E	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
108	ASST. CHIEF'S OFF.	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	CMU	GYP BRD	CMU & GYP BRD	STOREFRONT	PAINT	FLAT	PT-1 @ N,S,&W PT-3@ E	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
109	CHIEF'S OFF.	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	CMU & GYP BRD	STOREFRONT	CMU	CMU	PAINT	FLAT	PT-1	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
110	BRIEFING/TRAINING RM.	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"		GREY	GYP BRD	CMU	GYP BRD	GYP BRD	PAINT	FLAT	PT-1@ E PT-2@ W&S PT-3@ N	11'-0"	SUSP "T" BAR	PANEL	WHITE	
111	ARMORY	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"		GREY	GYP BRD	GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT-1	11'-0"	SUSP "T" BAR	PANEL	WHITE	
112	BREAK ROOM	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT-2 @ E PT-3 @ N&S PT-5@ W	11'-0"	SUSP "T" BAR	PANEL	WHITE	
113	KITCHEN	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	CMU	GYP BRD	GYP BRD	PAINT	FLAT	PT-2@ S,E,&W PT-3 @ N	11'-0"	SUSP "T" BAR	PANEL	WHITE	
114	SARGEANT OFF.	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	CMU	GYP BRD	GYP BRD	PAINT	FLAT	PT-1@ E PT-2@ N&W PT-3 @ S	11'-0"	SUSP "T" BAR	PANEL	WHITE	
115	EMERG. SVCS. & PD ADMIN OFF.	VP-SHAW "PURVIEW"	6"	TEXTURED	MINERAL	VINYL	6"	–	GREY	GYP BRD	GYP BRD	CMU	CMU & GYP BRD	PAINT	FLAT	PT-1 @ S&W PT-2@ N&e	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
116	EXPANDED IT RM.	CONCRETE	NA	SMOOTH	NATURAL	VINYL	6"	–	GREY	GYP BRD	CMU	CMU	GYP BRD	PAINT	FLAT	PT-1	9'-10"*	SKIM COAT	PAINT	WHITE	* EXIST'G ABATED CEILING LEVEL (VERIFY IN FIELD)
201	MEZZANINE	PLYWOOD	NA	NA	MINERAL	VINYL	6"	–	GREY	GYP BRD	GYP BRD	GYP BRD	GYP BRD	PAINT	FLAT	PT-1	8'-0"	GYP BRD	PAINT	WHITE	

PAINT SCHEDULE

#	MANUF.	TYPE	COLOR	COLOR NAME	SPEC #	REMARKS
PT-1	SHERWYN WILLIAMS	EGGSHELL	WHITE	EXTRA WHITE	SW-7006	
PT-2	SHERWYN WILLIAMS	EGGSHELL	LT. GREY	GRAY SCREEN	SW-7071	
PT-3	SHERWYN WILLIAMS	EGGSHELL	MED. GREY	ONLINE	SW-7072	
PT-4	SHERWYN WILLIAMS	EGGSHELL	DK. GREY	NETWORK GRAY	SW-7073*	CUSTOM MIX 50% 7073 & 50% 7072
PT-5	SHERWYN WILLIAMS	EGGSHELL	BLUE	REVEL BLUE	SW-9530	
PT-6	SHERWYN WILLIAMS	ENAMEL	WHITE	EXTRA WHITE	SW-7006	

CHRISTINA GRINA
C - 28080
8/31/27
LICENSED ARCHITECT
STATE OF CALIFORNIA

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

CITY OF SANTA PAULA
BUILDING AND SAFETY
REVIEWED FOR CODE COMPLIANCE
Danny Schultz
10/21/26
APPROVED BY DATE

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: CMG
Date: 05/04/2026
Job # 10504.014
Sheet: A6.0
Sheet: 19 of 37

SCHEDULES

SPECIFICATIONS

PART 1: GENERAL REQUIREMENTS

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM AS ON ON THE DRAWINGS.
2. THE CONTRACTOR FOR THIS WORK IS REQUIRED TO READ THE ENTIRE SPECIFICATION AND REVIEW DRAWINGS FOR ALL OTHER TRADES.
3. ARCHITECTURAL SPECIFICATIONS, GENERAL, SPECIAL AND SUPPLEMENTAL CONDITIONS SHALL FORM A PART OF THIS CONSTRUCTION DOCUMENT.
4. PRIOR TO CONTRACTOR SUBMITTING HIS BID, HE SHALL VISIT THE JOB SITE TO BECOME COMPLETELY FAMILIAR WITH ALL ASPECTS OF THE NEW CONSTRUCTION AND ALL REQUIREMENTS THAT MAY BE IMPOSED BY THE OWNER. FAILURE TO DO THIS WILL RELIEVE OWNER FROM ANY FINANCIAL OBLIGATION FOR EXTRA WORK OR COST INCURRED BY THE CONTRACTOR. CONTRACTOR TO TAKE NOTE OF ALLOWABLE WORK HOURS, ON-SITE STORAGE FACILITIES AND AVAILABLE PARKING AND INCLUDE THIS IN HIS BID.
5. THE CONTRACTOR SHALL PROVIDE ALL LABORS, MATERIALS, EQUIPMENT, SERVICES, TOOLS, TRANSPORTATION, INCIDENTALS, FINAL CONNECTIONS AND DETAILS NECESSARY TO PROVIDE COMPLETE AND FULLY FUNCTIONAL ELECTRICAL SYSTEMS AS SHOWN ON THE DRAWINGS.
6. UNLESS SPECIFICALLY NOTE OTHERWISE, MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDE ALL COMPONENTS THEREOF, SHALL BE NEW AND UNDERWRITER' LABORATORY LISTED (UL). PRODUCTS OF A SIMILAR NATURE SHALL BE OF THE SAME TYPE AND MANUFACTURER.
7. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL LICENSES, PERMITS, INSPECTIONS AND FEES REQUIRED AND RELATED TO THE WORK.
8. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY LIGHT AND POWER FOR CONSTRUCTION.
9. ALL WORK SHALL BE PERFORMED IN A NEAT AND PROFESSIONAL MANNER. ELECTRICAL EQUIPMENT SHALL BE FIRMLY SECURED TO THE SURFACE ON WHICH IT IS MOUNTED.
10. ALL WORK SHALL CONFORM TO NEC 2023 EDITION, CEC 2025, THE STATE'S, COUNTY'S, CITY'S AND LOCAL CODES AND ORDINANCES, SAFETY AND HEALTH CODES, NFPA CODE, 2025 ENERGY CODES, AND ALL OTHER APPLICABLE CODES AND REQUIREMENTS.
11. ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATION, SERVICING MAINTENANCE AND REPAIR. ELECTRICAL EQUIPMENT AND DEVICES REQUIRING MAINTENANCE AND TESTING INSTALLED IN CEILING SPACES SHALL BE ACCESSIBLE. AREAS WITH HARD CEILINGS SHALL BE PROVIDED WITH AN ACCESS PANEL. COORDINATE LOCATIONS WITH ARCHITECT PRIOR ROUGH-INS.
12. PER NEC SECTION 110-3(B) LISTED OR LABELED EQUIPMENT SHALL BE INSTALLED AND USED IN ACCORDANCE WITH ANY INSTRUCTIONS INCLUDED IN THE LISTING OR LABELING. TORQUE SCREWDRIVER AND WRENCHES SHALL BE USED TO PERFORM TERMINATION TIGHTENING. TORQUE FOOT-POUND VALUES SHALL BE PER MANUFACTURER'S PUBLISHED DATA.
13. NOTHING DESCRIBED HEREIN OR INDICATED ON THE DRAWINGS SHALL BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE MOST STRINGENT OF THE APPLICABLE CODES AND REGULATIONS.
14. CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP, EQUIPMENT AND MATERIALS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FORM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT AS A WHOLE BY THE OWNER. SHOULD ANY DEFECTS OCCUR DURING THIS PERIOD THE CONTRACTOR SHALL PROMPTLY REPAIR OR REPLACE DEFECTIVE ITEMS AT NO ADDITIONAL COST TO THE OWNER. REFER TO ARCHITECTURAL GENERAL SPECIFICATIONS FOR FURTHER REQUIREMENTS.
15. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC. SIZES, LOCATION OF EQUIPMENT AND WIRING ARE SHOWN TO SCALE WERE POSSIBLE, BUT MAY BE DISTORTED FOR CLARITY. FINAL LOCATIONS OF OUTLETS AND EQUIPMENT SHALL BE ADJUSTED AS DICTATED BY EXISTING CONDITIONS. IT IS NOT WITHIN THE SCOPE OF THE DRAWINGS TO SHOWN ALL NECESSARY BENDS, OFFSETS, JUNCTION BOXES AND PULL BOXES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL HIS WORK TO CONFORM TO THE STRUCTURE. EXACT LOCATION OF CONDUIT RUNS AND ROUTING TO BE DETERMINED IN THE FIELD TO SUIT CONDITIONS.
16. ANY ERROR, OMISSION OR DESIGN DISCREPANCY OF THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND/OR SITE SUPERVISOR FOR CLARIFICATION OR CORRECTION PRIOR INSTALLATION .
17. CONTRACTOR SHALL BE RESPONSIBLE TO MAKE AND OBTAIN APPROVAL FOR ALL NECESSARY ADJUSTMENTS IN CIRCUITING AS REQUIRED TO ACCOMMODATE THE RELOCATIONS OF EQUIPMENT AND/OR DEVICES WHICH ARE AFFECTED BY ANY APPROVED AUTHORIZED CHANGE. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD (AS-BUILT) DRAWINGS.
18. THE WORD "VERIFY LOCATION" ABBREVIATED AS "VL" SHALL MEAN TO COORDINATE THE EXACT LOCATION OF THE DEVICE OR EQUIPMENT BEING REFERRED TO WITH THE OWNER'S REPRESENTATIVE AND TO PROVIDE NECESSARY ADJUSTMENTS.
19. THE WORD "WIRING " MEANS CONDUITS, FITTINGS, WIRES, CABLES, WIRING DEVICES, OUTLET BOXES. ALL CONSTRUCTION MATERIAL AN LABORS AS NEEDED INCLUDING ALL CONNECTIONS AS REQUIRED AND APPLICABLE.
20. IN CASES WHERE THE MANUFACTURER OF THE EQUIPMENT AND MATERIAL USED IN THIS PROJECT FURNISH DIRECTIONS COVERING POINTS NOT SHOWN ON THE DRAWINGS OR HEREIN SPECIFIED, SUCH DIRECTIONS SHALL BE FOLLOWED WITHOUT ADDITIONAL COST TO THE OWNER.
21. LOCATIONS SHOWN ON ARCHITECTURAL CEILING PLANS OR ON WALL ELEVATIONS SHALL TAKE PRECEDENCE OVER ELECTRICAL PLAN LOCATIONS.
22. MISSING MOUNTING HEIGHTS FOR ALL ELECTRICAL DEVICES MUST BE OBTAINED FROM ARCHITECT PRIOR ROUGH INS.
23. ALL REQUIRED POWER OUTAGES THAT ARE NECESSARY IN ORDER TO COMPLETE ANY PORTION OF THE WORK SHALL BE ENTIRELY AT THE OWNER'S CONVENIENCE ANT AT A TIME DESIGNATED BY HIM AND BE FULLY COORDINATED WITH THE OWNER'S REPRESENTATIVE. A MINIMUM OF 48 HOURS ADVANCE NOTICE SHALL BE GIVEN TO THE OWNER SHALL BE GIVEN TO THE OWNER OF TIME DESIRED. OWNER SHALL APPROVE TIME OF OUTAGE BEFORE CONTRACTOR DISCONNECTS ANY CIRCUITS. CONTRACTOR SHALL FURNISH, INSTALL AND REMOVE ANY TEMPORARY JUMPERS, ETC. TO MAINTAIN ALL LOADS THAT THE OWNER DESIGNATES AS NOT BEING ABLE TO SHUT DOWN DURING CONSTRUCTION.
24. CONTRACTOR TO SECURE PERMISSION FROM THE OWNER BEFORE PERFORMING ANY CUTTING OR PATCHING WORK WHICH IS LIKELY TO AFFRECT THE STRENGTH OF A STRUCTURAL MEMBER. ALL PENETRATIONS THROUGH CONCRETE CONSTRUCTION SHALL BE DONE BY THE MEANS DENOTED BY THE ARCHITECT.SUBMIT SHOP DRAWING OF ELECTRICAL EQUIPMENT SPECIFIED HEREIN TO ARCHITECT FOR REVIEW AND APPROVAL.
25. WHERE EQUIPMENT IS IDENTIFIED BY MANUFACTURER AND CATALOG NUMBER, IT SHALL BE CONSTRUED AS THE BASE OF REQUIREMENTS FOR QUALITY AN PERFORMANCE. IF THE CONTRACTOR SUBMITS SUBSTITUTE EQUIPMENT FOR APPROVAL ,IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SUFFICIENT SUPPORTING DATA TO PERMIT EVALUATION OF THE PROPOSED SUBSTITUTE WITH RESPECT TO QUALITY, PERFORMANCE, SERVICEABILITY AND WARRANTY. THE ENGINEER'S DECISION AS TO WHETHER THE SUBMITTED EQUIPMENT IS ACCEPTABLE SHALL BE FINAL AND BINDING. ALL CHANGES NECESSARY TO ACCOMMODATE THE SUBSTITUTED EQUIPMENT SHALL BE MADE AT THE CONTRACTOR'S EXPENSE, AND SHALL BE AS APPROVED BY THE ENGINEER. DETAILED DRAWINGS INDICATING THE REQUIRED CHANGES SHALL BE SUBMITTED FOR APPROVAL AT THE TIME THE SUBSTITUTION IS REQUESTED.
26. ELECTRICAL EQUIPMENT FOR THIS PROJECT SHALL BE ORDERED BASED ON APPROVED AND PERMITTED SET OF CONSTRUCTION DOCUMENT AND APPROVED SHOP DRAWINGS. DO NOT PRE-ORDER ANY EQUIPMENT UNLESS APPROVED BY THE ARCHITECT.
27. CONTRACTOR SHALL MAKE ALL SCHEDULING AND ARRANGEMENT WITH THE 3RD PARTY INSPECTION AND COMMISSIONING OF LIGHTING AND POWER SYSTEM IN COMPLIANCE WITH CALIFORNIA TITLE 24 ENERGY ORDINANCE. CONTRACTOR SHALL BE BE RESPONSIBLE FOR ALL INCURRED COST.
28. CONTRACTOR TO TEST ALL PARTS OF THE ELECTRICAL INSTALLATION FOR PROPER PHASING, CONTINUITY, SHORTS AND GROUNDS PRIOR TO PLACING IN SERVICE. CONTRACTOR TO MAKE RECORDS OF ALL TESTS AND DELIVER TO THE ARCHITECT FOR VERIFICATION.
29. BEFORE FINAL ACCEPTANCE ELECTRICAL EQUIPMENT INCLUDING LIGHTING FIXTURES SHALL BE CLEANED AND BE FREE FROM DIRT, GREASE AND FINGER MARKS, ALL TO THE SATISFACTION OF THE ARCHITECT.
30. CONTRACTOR TO PROVIDE AN AS-BUILT DRAWING SET FOR ALL ELECTRICAL WORK INSTALLED IN THE PROJECT. AS-BUILT SET MUST INCLUDE ALL DEVIATIONS FROM ORIGINAL CONTRACT DRAWINGS, INFORMATION REGARDING ALL CHANGE ORDERS, DIMENSIONED LOCATIONS OF ALL SPARE CONDUIT STUB-OUTS, ALL PANEL CIRCUIT DIRECTORIES AGAINST ACTUAL CIRCUIT ASSIGNMENT AND A DIAGRAM OF ALL EQUIPMENT CONNECTIONS. AT THE CONCLUSION OF THE WORK, DELIVER AS-BUILT DRAWINGS TO THE OWNER'S REPRESENTATIVE.
31. AT COMPLETION OF WORK, CONTRACTOR SHALL CLEAN UP AND REMOVE ALL DEBRIS AND MATERIALS NOT INSTALLED IN WORK, DISPOSE IN AN ENVIRONMENTALLY APPROVE MANNER, LEAVING THE PREMISE CLEAN.
32. MAXIMUM COMBINED VOLTAGE DROP ON BOTH THE INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5%.
33. ALL MULTI-BRANCH CIRCUIT SHALL BE PROVED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES.
34. PROVIDE SEISMIC RESTRAINS FOR EQUIPMENT AS NEEDED. ALL SEISMIC RESTRAINTS MUST BE CERTIFIED BY A REGISTERED STRUCTURAL ENGINEER.
35. PROVIDE EXPANSION/DEFLECTION FITTINGS FOR CONDUITS CROSSING EXPANSION JOINTS. FITTINGS SHALL BE SUITABLE FOR CONDITIONS TO BE ENCOUNTERED. VERIFY WITH OWNER'S REPRESENTATIVE PRIOR COMMENCING WORK.
36. ALL EXTERIOR ELECTRICAL DEVICES AND EQUIPMENT SHALL BE WEATHERPROOF AND WEATHER RESISTANT (NEC-406.8)
37. PROVIDE 1 /8" POLYPROPYLENE PULL ROPE IN ALL EMPTY CONDUITS. IDENTIFY CONDUITS AT EACH END WITH TAGS IDENTIFYING OTHER END OF CONDUIT
38. MANUALLY OPERATED ELECTRICAL EQUIPMENT 0-150 VOLTS TO GROUND SHALL REQUIRED 36"(UON) CLEAR AND UNOBSTRUCTED SPACE IN FRONT OF EQUIPMENT.
39. MANUALLY OPERATED ELECTRICAL EQUIPMENT RATED 151-600VOLTS TO GROUND SHALL REQUIRED 42" CLEAR AND UNOBSTRUCTED SPACE IN FRONT OF EQUIPMENT WHEN ONE SIDE OF THE WORKING SPACE HAS EXPOSED LIVE PARTS AND THE OTHER SIDE IS GROUNDED.

PART 2 : PRODUCTS AND INSTALLATION

1. CONDUITS:
   - A. INTERMEDIATE METALLIC CONDUIT(IMC):PROVIDE LIGHT WEIGHT STEEL THAT IS HOT-DIPPED GALVANIZED.
   - B. ELECTRIC METALLIC TUBING: PROVIDE TUBING OF HIGH GRADE STEEL WITH EXTERIOR PROTECTIVE COATING OF ZINC.
   - C. RIGID ALUMINUM CONDUIT: PROVIDE LIGHT WEIGHT CONDUIT WITH THREADED CONNECTIONRS AND FITTINGS.
   - D. FLEXIBLE STEEL CONDUIT: PROVIDE LIGHT WEIGHT STEEL GALVANIZED CONDUIT.
   - E. FLEXIBLE ALUMINUM CONDUIT: PROVIDE LIGHT WEIGHT FLEXIBLE ALUMINUM CONDUIT.
   - F. FLEXIBLE CONDUIT CONNECTORS AND FITTINGS: PROVIDE DIE-CAST FITTINGS OF THE TYPE THAT SCREWS INSIDE OF THE CONDUIT.
   - G. FLEXIBLE LIQUIDTIGHT STEEL CONDUIT AND FITTINGS: SHALL BE LIGHT WEIGHT STEEL GALVANIZED WITH AN EXTRUDED POLYVINYL CHLORIDE COVER.
   - H. PLASTIC CONDUIT AND FITTINGS: PROVIDE HEAVY WALL SCHEDULE 40.
   - I. SLEEVES: SHALL BE COATED GALVANIZED STEEL PIPE.
   - J. SEALANT: FIRE RATED EQUAL TO WALL OR CEILING PENETRATED.
   - K. USE RIGID STEEL CONDUIT WHERE DIRECTLY EXPOSED TO WEATHER AND SUBJECT TO ABNORMAL CONDITIONS.
   - L. USE "EMT" AND ALUMINUM CONDUITS FOR ALL SIZES UP TO 2 INCHES IN DRY LOCATIONS.
   - M. FLEXIBLE STEEL CONDUIT: USE FOR SHORT MOTOR CONNECTIONS AND CONNECTIONS TO RECESS MOUNTED FIXTURES AND FOR GENERAL LIGHTING, POWER AND COMMUNICTION WIRING, FLEXIBLE CONDUIT SHALL NOT BE USED FOR CONDUIT FEEDER, STUB-UP, AND STUB-OUTS.
   - N. ALUMINUM FLEXIBLE CONDUIT: MAY BE USED IN DRY WALLS FOR GENERAL LIGHTING AND POWER BRANCH CIRCUITING ONLY.
   - O. USE INSULATED BUSHINGS AND LOCKNUTS ON ALL CONDUITS WHERE ENTERING PULL AND JUNCTION BOXES, OUTLET BOXES AND CABINETS.
   - P. TAG ALL EMPTY CONDUITS AT EACH ACCESSIBLE END WITH A PERMANENT TAG IDENTIFYING THE PURPOSE OF THE CONDUIT AND THE LOCATION OF THE OTHER END.
   - Q. IN SUSPENDED CEILING DO NOT SECURE CONDUIT TO THE CEILING SUPPORT WIRES.
   - R. ALL PULL WIRES ARE TO BE LABELED FOR PURPOSE DESIGNATED.
   - S. ALL CONDUIT PENETRATIONS THROUGH BUILDING WALLS, FLOORS, SURFACES, MUST BE FULLY COORDINATED WITH ARCHITECT/SITE SUPERVISOR/ BUILDING'S ENGINEER IN ADVANCE. PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS MUST BE PROVIDED WITH FIRE RATED MATERIALS TO COMPLY WITH BUILDING STRUCTURAL RATING.
   - T. ALL WIRING MUST BE INSTALLED IN CONDUIT. WIRING IN CEILING PLENUM MUST CONFORM TO THE APPLICABLE CODES.
   - U. ALL ROOF AND EXTERIOR WALL PENETRATIONS MUIST BE FULLY COORDINATED WITH ARCHITECT AND MUST BE WEATHERPROOFED.
   - V. MAINTAIN A MINIMUM OF 6" CLEARANCE BETWEEN ALL CONDUIT SLEEVES. VERIFY WITH GENERAL CONTRACTOR.
   - W. PVC CONDUIT SHALL NOT BE ALLOWED FOR ABOVE GROUND WIRING (UON).
   - X. ANCHORS NOT CAST INTO CONCRETE SHALL BE EXPANSION SHIELD TYPE, PHILLIPS "RED HEAD", HILTI, OR EQUAL.
   - Y. EXPANSION COUPLINGS SHALL BE OZ TYPE "AX" OR "DX" OR EQUAL WITH BONDING JUMPER.

2. CONDUCTORS :
   - A. SINGLE CONDUCTOR COPPER WIRE WITH 600 VOLTS INSULATION SHALL BE USED FOR GENERAL WIRING IN CONDUIT UNLESS OTHERWISE SHOWN.
   - B. CONDUCTORS 10-AWG AND LARGER SHALL BE STRANDED TYPE. CONDUCTORS 12-AWG AND SMALLER SHALL BE SOLID WITH COLOR CODED INSULATION.
   - C. PROVIDE CONDUCTORS TYPE THWN-2 FOR DRY AND WET LOCATIONS AND THHN FOR DRY LOCATIONS ONLY.
   - D. NO WIRE AMPACITY REDUCTION SHALL BE ALLOWED ON THE FEEDERS AND BRANCH CIRCUIT WIRING INCLUDING NEUTRALS UNLESS APPROVED BY THE ENGINEER.
   - E. WIRES AND CONDUITS SIZES INDICATED THROUGHOUT THE DRAWINGS ARE BASED ON COPPER CONDUCTORS, NO ALUMINUM WIRES ALLOWED.
   - F, ALL WIRES SHALL BE COPPER AND IN CONDUIT (UON).
   - G. 'MC" CABLES SHALL BE MANUFACTURED TO UL STANDARDS. CABLES SHALL BE CONSTRUCTED OF INTERLOCKED METAL ARMOR AND COPPER CONDUCTORS.
   - H. INSTALLATION OF THE "MC" CABLES SHALL BE IN FULL COMPLIANCE WITH "NEC" REQUIREMENTS.
   - I. BENDING RADIUS SHALL BE 7 TIMES (MIN.) THE EXTERNAL DIAMETER OF THE CABLE. SUPPORT CABLES WITHIN 12" OF BOXES AND EVERY 6' INTERVAL.
   - J. "MC" CABLES SHALL BE TERMINATED ON THE OUTLET BOXES VIA UL LISTED CONNECTOR.

3. BOXES :
   - A. OUTLET AND JUNCTION BOXES SHALL BE GALVANIZED PRESSED STEEL WITH PLUGGED HOLES. ALL BOXES SHALL BE OF NEC CODE SIZE FOR THE NUMBER OF WIRES OR CONDUITS PASSING THROUGH OR TERMINATING THEREIN, BUT IN NO CASE SHALL ANY BOX BE LESS THAN THE FOLLOWING: OUTLETS WITH 9 OR LESS #12 CONDUCTORS SHALL BE 4" SQUARE BY 2-1/2 " DEEP AND OUTLETS WITH 10-18 #12 CONDUCTORS SHALL BE 4-11/16 " SQUARE AND 2-1/8" DEEP. NO PLASTIC BOXES SHALL BE ALLOWED.
   - B. ALL JUNCTION BOXES SHALL CLEARLY INDICATE WITH PERMANENT BLACK MARKER, IN 1/2" LETTERING THE PANEL AND CIRCUIT DESIGNATION AND FUNCTION OF ALL CONDUCTORS CONTAINED WITHIN THAT JUNCTION BOX.
   - C. DO NOT EXCEED THE EQUIVALENT OF THREE 90 DEG. BENDS BETWEEN GENERAL WIRING PULL AND JUNCTION BOXES.
   - D. DO NOT USE SECTIONALIZED BOXES EXCEPT WHERE INDICATED.
   - E. THE DRAWINGS DO NOT NECESSARILY SHOW EVERY PULL BOXES REQUIRED. PROVIDE BOXES AS REQUIRED.
   - F. EXPOSE BOXES IN MECHANICAL AREAS OR EXPOSED TO WEATHER SHALL BE CAST METAL WEATHERPROOF BOXES WITH GROUNDING TERMINAL, THREADED HUBS ANG GASKETS.
   - G. TELEPHONE AND DATA OUTLETS SHALL BE A MINIMUM 4-11/16 INCHES SQUARE BY 2-1/8" INCHES. DEEP.
   - H. CONDULETS SHALL BE CAST METAL WITH THREADED HUBS TYPE MANUFACTURED BY CROUSE-HINDS, APPLETON OR EQUAL.
   - I. EXTERIOR BOXES SHALL BE "FS" OR "FD" TYPE BOXES WITH THREADED HUBS AS REQUIRED AND FULLY GASKETED UNLESS OTHERWISE NOTED.

4. WIRING DEVICES :
   - A. DUPLEX RECEPTACLES SHALL BE 20A, 120V UNLESS OTHERWISE INDICATED. COLOR SHALL BE AS SELECTED BY THE OWNER/ARCHITECT.
   - B. PROVIDE COVER PLATE FOR ALL WIRING DEVICES. COVER PLATE IN THE FINISHED AREAS SHALL BE PLASTIC (UON), COLOR AS PER ARCHITECT SELECTION.
   - C. WIRING DEVICES SHALL BE OF EXTRA HEAVY DUTY TYPE AND THE PRODUCTS OF HUBBELL, PASS & SEYMOUR OR LEVITON.
   - D. ALL RECEPTACLE AND SWITCH COVER PLATES SHALL CLEARLY INDICATE ON THE INSIDE OF THE PLATE THE CIRCUIT NUMBER AND THE SOURCE OF POWER FEEDING THAT SWITCH OR RECEPTACLE.

5. LIGHTING
   - A. LIGHTING FIXTURES SHALL BE COMPLETE WITH ALL GLASSWARE, FITTERS, CANOPIES, SOCKETS, MOUNTING BRACKETS, REFLECTORS, LAMPS, LED DRVERS AND ALL ACCESSORIES AS REQUIRED.
   - B. FIXTURE SCHEDULE INDICATES GENERAL DESCRIPTION OF LIGHTING FIXTURES AND MANUFACTURER'S CATALOG NUMBERS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO STUDY THE SCHEDULE AND CAREFULLY REVIEW ELECTRICAL AND ARCHITECTURAL PLANS AND SPECIFICATIONS TO DETERMINE THE CORRECT CEILING CONFIGURATION AND FIXTURES TO BE FURNISHED SO THAT BOTH CEILING SYSTEM AND LIGHT FIXTURE
   - C. COORDINATE EXACT LOCATION OF THE LIGHTING FIXTURES WITH THE ARCHITECTURAL DRAWINGS.
   - D. ALL LIGHTING FIXTURES WHETHER OR NOT SHOWN ON THE DRAWINGS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.
   - E. INSTALL LIGHTING FIXTURES IN COMPLIANCE WITH APPLICABLE REGULATIONS PERTAINING TO SEISMIC RESTRAINTS.
   - F. REMOVE ALL DIRT, OIL OR GREASE FROM LIGHT FIXTURES. CLEAN ALL GLASS, LENSES, ETC. AND POLISH FIXTURES AND TRIM.
   - G. SELF-CONTAINED EMERGENCY LIGHTING FIXTURES SHALL BE SWITCHABLE UNDER NORMAL OPERATING CONDITIONS. RUN AN EXTRA HOT WIRE FOR EMERGENCY OPERATION.
   - H. SUPPORT LIGHT FIXTURES SEPARATELY FROM THE CEILING SYSTEM WHERE CEILING MEMBRANES ARE NOT STRUCTURALLY CAPABLE OF SUPPORTING LIGHT FIXTURES, OR WHERE REQUIRED BY THE CODES.

6 DISTRIBUTION
   - A. PROVIDE BRANCH CIRCUIT PANEL BOARDS AS SPECIFIED ON PLANS. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE PROVIDE COPPER BUS PANEL BOARD
   - B. PROVIDE CIRCUIT BREAKERS AS SHOWN ON PLANS. CIRCUIT BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING EQUAL TO BUT NOT LESS THAN THE AVAILABLE FAULT CURRENT AT THE SUPPLY TERMINAL.
   - C. PROVIDE NEATLY TYPED CIRCUIT INDEX CARDS, CORRECTLY IDENTIFYING ALL CIRCUITS AND MOUNTED IN THE CARD HOLDERS. ALL PANEL DIRECTORY CARDS SHALL BE UPDATED PER AS-BUILT CONDITIONS.
   - D. PANELBOARDS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRICAL ARC FLASH HAZARDS, CEC 110.16. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENTS, SERVICING OR MAINTENANCE OF THE EQUIPMENT.
   - E. PROVIDE SAFETY DISCONNECT SWITCHES WITH RATING AS SHOWN ON THE DRAWINGS. SWITCHES SHALL BE HEAVY DUTY TYPE AND FUSIBLE WITH RK1 FUSE (UON). SWITCHES SHALL BE QUICK MAKE-QUICK-BREAK TYPE, 1-POLE, 30A (UON).
   - F. CONTROL DEVICES SHALL NOT BE MOUNTED MORE THAN 6'-6" ABOVE THE FLOOR.

7. MISCELLANEOUS :
   - A. PROVIDE GROUNDING SYSTEM PER NEC-250 AND AS INDICATED ON PLANS.
   - B. ALL METAL AND NON-CURRENT CARRYING PART OF THE ELECTRICAL EQUIPMENT SHALL BE BONDED TO GROUND PER NEC CODES ARTICLE 250.

SCOPE OF WORK

PARTIAL RENOVATION TO EXISTING SINGLE STORY POLICE STATION INCLUDING LIMITED DEMOLITION AND REARRANGEMENT OF INTERIOR PARTION WALLS.

FIRE ALARM

REFER TO DEFERRED FIRE ALARM SUBMITTAL FOR FIRE ALARM SYSTEM

DRAWING LIST

E-0.1 GENERAL NOTES,SPECIFICATIONS
E-1.0 ELECTRICAL DEMOLITION
E-2.0 SINGLE LINE DIAGRAM
E-3.0 (N) POWER PLAN
E-3.1 (N) LIGHTING PLAN
E-3.2 ROOF ELECTRICAL PLAN
E-4.0 NRCC-ELC-E, VOLTAGE DROP
E-4.1 NRCC-LTI-E
E-4.2 NRCC-LTI-E
E-4.3 NRCC-LTO-E
E-4.4 NRCC-LTO-E

SYMBOLS

FLOOR	WALL	CEILING	DESCRIPTION
		6A	LIGHT FIXTURE AS SPECIFIED, SUBSCRIPTS WHEN INDICATED DENOTE BRCH CKT/SW LEG
			LIGHT FIXTURE AS SPECIFIED
			STRIP LIGHT FIXTURE AS SPECIFIED
			LIGHT ON EMERGENCY POWER AS SPECIFIED
	S		SINGLE POLE TOGGLE SWITCH @+48"(UON) SUBSCRIPTS INDICATE THE FOLLOWING: a-OUTLET 'a' CONTROLLED 3-THREE WAY D-DIMMER, RATING AS NOTED M-MANUAL MOTOR STARTER P-PILOT ON LIGHT
			20A, 120V DUPLEX RECEPTACLES
			SPECIAL RECEPTACLE, TYPE AS NOTED ON PLANS
			JUNCTION BOX, SIZE AS NOTED AND PER CODE
			ELECTRICAL EQUIPMENT AS NOTED ON PLAN
			DISCONNECT SWITCH:30A/1-POLE, FUSE AS NOTED
			COMBINATION OF MOTOR STARTER AND CIRCUIT BREAKER, NEMA SIZE '0' (UON)
			DOUBLE DUPLEX RECEPTACLES
			TELEPHONE/DATA OUTLET, WALL @+15"(UON)
		SD	SMOKE DETECTOR

LA–1,3	HOMERUN TO PANEL "LA" CIRCUITS 1 & 3 (2 SEP. NEUTRALS) GROUND WIRE NOT SHOWN BUT MUST BE PROVIDED
	CONDUIT CONCEALED IN CEILING OR WALL, 1/2" CONDUIT, 2#12 WIRES + 1 #12 GND (UON)
	1/2"CONDUIT, 3#12 WIRES + 1 #12 GND.
#10	3/4"CONDUIT, 2#10 WIRES + 1 #10 GND.
#10	3/4"CONDUIT, 3#10 WIRES + 1 #10 GND.
	CONDUIT CONCEALED IN FLOOR SLAB OR UNDERGROUND
	CONDUIT EXPOSED
	CONDUIT STUB WITH CAP, SIZE AS NOTED
	GROUND, PER CODE AND AS SPECIFIED
150A/3 M	CIRCUIT BREAKER, 150A, 3-POLE
	UTILITY METERING
A	SURFACE MOUNTED PANELBOARD: PANEL "A"
	FLUSH MOUNTED PANELBOARD

NOTE: THIS IS A GENERAL LIST OF SYMBOLS, SOME ITEMS MAY NOT APPLY TO THIS PROJECT

ABBREVIATIONS

A	AMPERE
AFF	ABOVE FINISHED FLOOR
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CL	CURRENT LIMITING
CO	CONDUIT ONLY
DD	DUCT DETECTOR
DE	DUAL ELEMENT
E	EXISTING
EA	EACH
EC	ELECTRICAL CONTRACTOR
EGC	EQUIPMENT GROUNDING CONDUCTOR
EQ	EQUAL
EQPT	EQUIPTMENT
EWH	ELECTRIC WATER HEATER
F	FUSE
FA	FIRE ALARM
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
G, GND	GROUND
HP	HORSEPOWER
IC	INTERRUPTING CAPACITY (RMS SYM.)
IG	ISOLATED GROUND
LCP	LIGHTING CONTROL PANEL
LL	LANDLORD
LT	LIGHT
MFR	MANUFACTURER
MAX	MAXIMUM
MIN	MINIMUM
NA	NOT APPLICABLE
NTS	NOT TO SCALE
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
P	POLE
P/L	PROPERTY LINE
REQD	REQUIRED
REQMNT	REQUIREMENT
RGC	RIGID GALVANIZED CONDUIT
SCA	SHORT CIRCUIT AMPERE
SIM	SIMILAR
SLD	SINGLE LINE DIAGRAM
SW	SWITCH
SWBRD	SWITCHBOARD
T/F	TRANSFORMER
TBB	TELEPHONE BACKBOARD
TYP	TYPICAL
U/G	UNDERGROUND
UL	UNDERWRITER'S LABORTORIES
UON	UNLESS OTHERWISE NOTED
V	VOLT
VA	VOLT AMPERE
VL	VERIFY LOCATION
W	WATT
WP	WEATHERPROOF

GENERAL NOTES, SPECIFICATIONS

REGISTERED PROFESSIONAL ENGINEER
DANA S. TONG
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

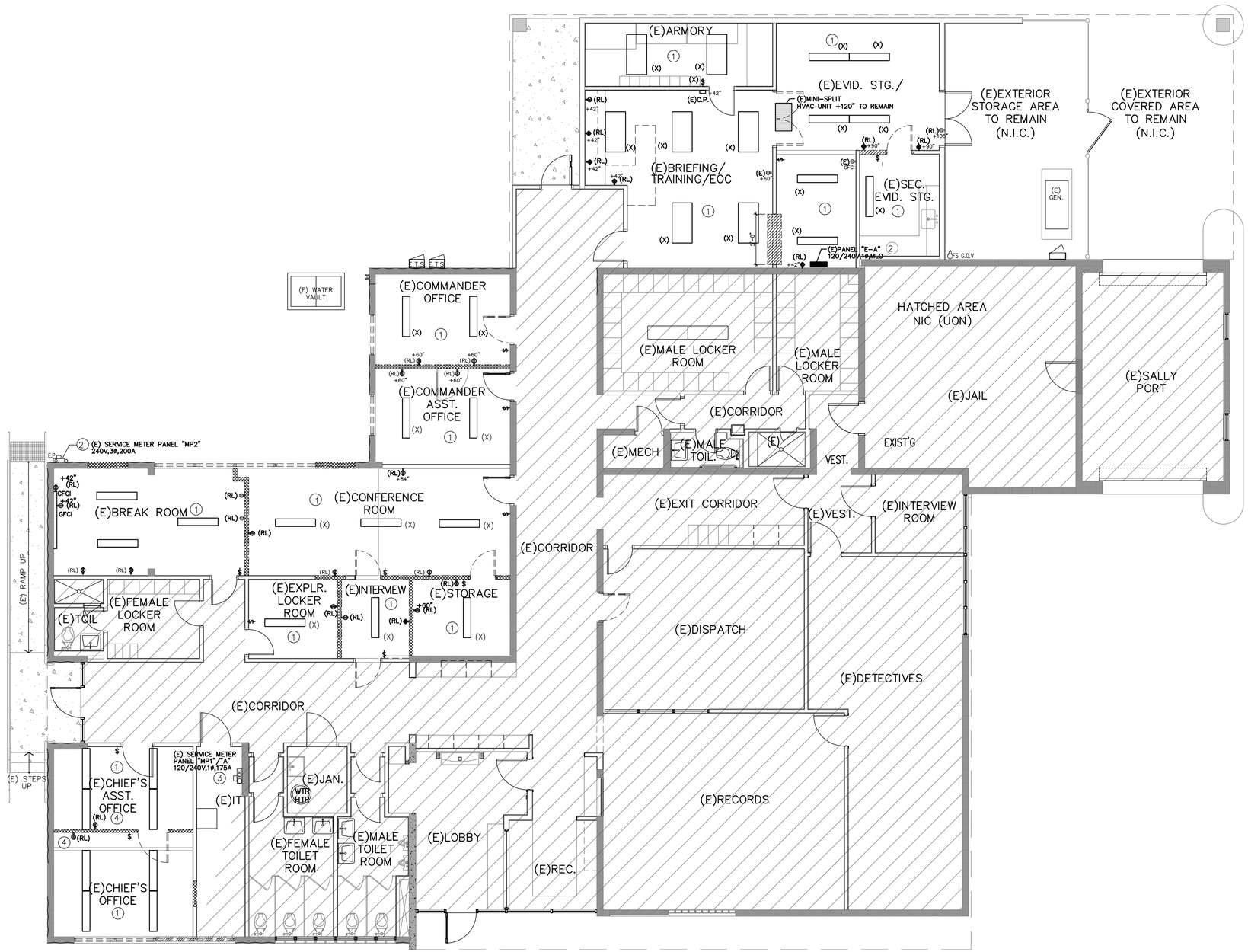
CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
25101 THE OLD ROAD
SANTA CLARITA, CALIFORNIA 91381
TEL.: (818) 991-7571 EMAIL:info@pebe@earthlink.net

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-0.1



LEGEND

(X) ELECTRICAL ITEM TO BE REMOVED
(RL) ELECTRICAL ITEM TO BE RELOCATED
(E) EXISTING TO REMAIN

4' WRAPAROUND–(2) 32W LAMPS

2'X4' TROFFER–(2) 32W LAMPS

GENERAL NOTES

1 - INFORMATION REGARDING EXISTING CONDITIONS HAS BEEN OBTAINED FROM THE BEST SOURCES AVAILABLE. CONTRACTOR MUST FIELD VERIFY BRANCH CIRCUITS PRIOR DOING ANY WORK. RED MARK AS-BUILT DRAWINGS WITH PANEL AND BRANCH CIRCUIT NUMBER.

2 - NOT ALL EXISTING EQUIPMENT IS SHOWN, CONTRACTOR MUST VERIFY EXISTING CONDITION AGAINST NEW ELECTRICAL CONDITION TO DETERMINE SCOPE OF WORK..

3 - ELECTRICAL EQUIPMENT NOT IN CONFLICT WITH NEW WORK SHALL REMAIN. CONTRACTOR SHALL PROTECT IN PLACE EXISTING ELECTRICAL DEVICES, CONDUIT AND WIRING THAT IS TO REMAIN.

4 - CONTRACTOR TO REROUTE EXISTING WIRING FOR EQUIPMENT THAT REMAINS AND IS IN CONFLICT WITH NEW WORK IN ORDER TO MAINTAIN CIRCUIT CONTINUITY TO REMAINING ELECTRICAL ITEMS.

5 - PRIOR TO SUBMITTING THE BID, CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE CONDITIONS AFFECTING THE WORK. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS AND ANY MODIFICATIONS WHICH ARE REQUIRED TO MEET THE INTENT OF THE DRAWINGS AND SPECIFICATIONS. FAILURE TO VISIT THE SITE DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY IN PERFORMANCE OF WORK.

KEY NOTES:

1. EXISTING LIGHT FIXTURES AND CORRESPONDING LIGHT SWITCH TO BE REMOVED. BRANCH CIRCUIT TO BE REUSED FOR NEW LIGHTING. FIELD VERIFY BRANCH CIRCUIT. MAINTAIN CIRCUIT CONTINUITY TO ALL DOWNSTREAM LIGHT FIXTURES.
2. EXISTING ELECTRICAL PANEL TO REMAIN, PROTECT IN PLACE, SEE SINGLE LINE DIAGRAM ON E2.0 FOR WORK.
3. EXISTING METER PANEL "MP1"/PANEL "A" TO REMAIN. SEE SINGLE LINE DIAGRAM FOR WORK.
4. EXISTING RECEPTACLE TO BE RELOCATED. RE-USE EXISTING BRANCH CIRCUIT BREAKER. REFER TO SHEET E3.0 NEW POWER PLAN FOR NEW RECEPTACLE LOCATION.

NORTH

SCALE: $\frac{3}{16}$" = 1'–0"

ELECTRICAL DEMOLITION PLAN

ELECTRICAL DEMOLITION PLAN

REGISTERED PROFESSIONAL ENGINEER
DANA S TONAI
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

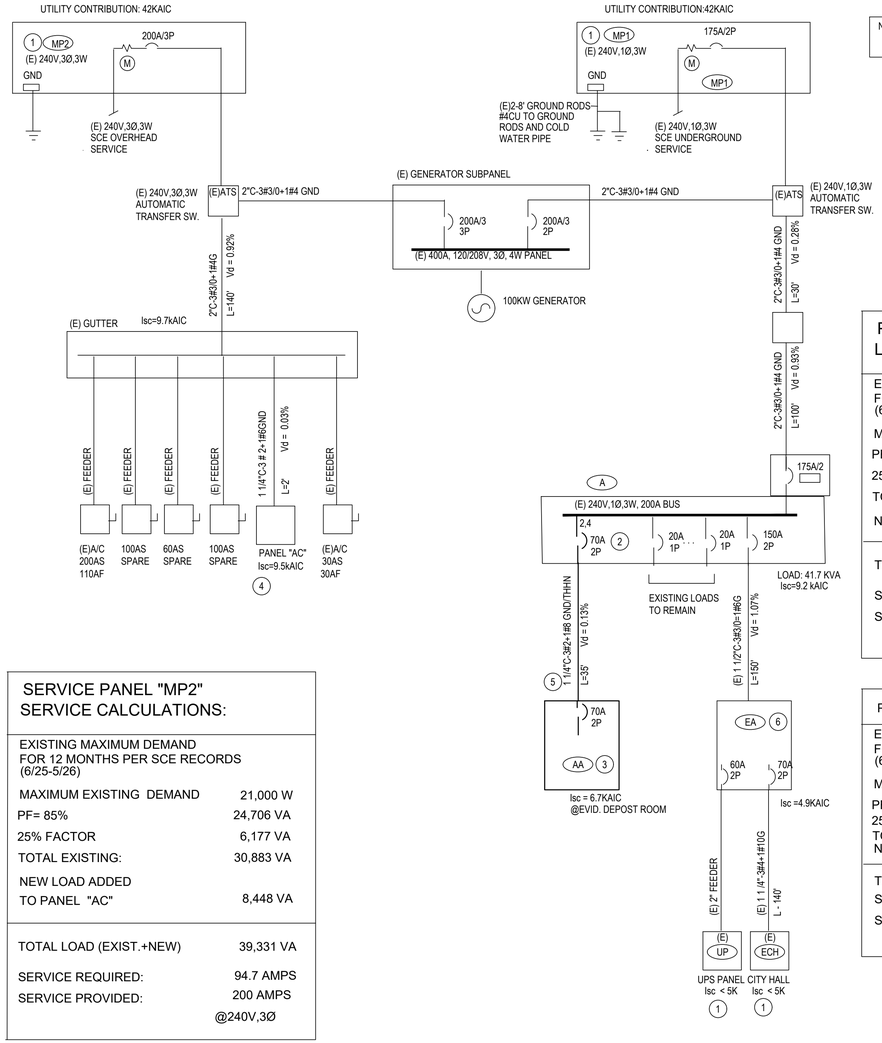
CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
25101 THE OLD ROAD
SANTA CLARITA, CALIFORNIA 91381
TEL.: (818) 991-7371 EMAIL:info.peins@earthlink.net

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E1.0



NOTE: EQUIPMENT IS EXISTING UNLESS OTHERWISE NOTED

SERVICE PANEL "MP2" SERVICE CALCULATIONS:

EXISTING MAXIMUM DEMAND FOR 12 MONTHS PER SCE RECORDS (6/25-5/26)	
MAXIMUM EXISTING DEMAND	21,000 W
PF= 85%	24,706 VA
25% FACTOR	6,177 VA
TOTAL EXISTING:	30,883 VA
NEW LOAD ADDED TO PANEL "AC"	8,448 VA
TOTAL LOAD (EXIST.+NEW)	39,331 VA
SERVICE REQUIRED:	94.7 AMPS
SERVICE PROVIDED:	200 AMPS @240V,3Ø

PANEL "MP1"/PANEL "A" LOAD CALCULATIONS:

EXISTING MAXIMUM DEMAND FOR 12 MONTHS PER SCE RECORDS (6/25-5/26)	
MAXIMUM EXISTING DEMAND	21,000 W
PF= 85%	24,706 VA
25% FACTOR	6,177 VA
TOTAL EXISTING:	30,883 VA
NEW LOAD ADDED	7140 VA
TOTAL LOAD (EXIST.+NEW)	38,023 VA
SERVICE REQUIRED:	158 AMPS
SERVICE PROVIDED:	175 AMPS @120/240V,1Ø

PANEL "EA" LOAD CALCULATIONS

EXISTING MAXIMUM DEMAND FOR 12 MONTHS PER SCE RECORDS (6/25-5/26)	
MAXIMUM EXISTING DEMAND	21,000 W
PF= 85%	24,706 VA
25% FACTOR	6,177 VA
TOTAL EXISTING:	30,883 VA
NEW LOAD ADDED	900 VA
TOTAL LOAD (EXIST.+NEW)	31,783 VA
SERVICE REQUIRED:	132 AMPS
SERVICE PROVIDED:	150 AMPS @120/240V,1Ø

PANEL: AA NEW — VOLTAGE: 120/240V — 1 PHASE — MAIN: 70A/2 CB
LOCATION: IT ROOM — BUS SIZE: 100A — 3 WIRE — MOUNTING: SURFACE

	LOCATION	VA øA	VA øB	LCL	OUTLETS MISC	OUTLETS REC	OUTLETS LT	CB	CKT NO.		CKT NO.	CB	OUTLETS MISC	OUTLETS REC	OUTLETS LT	LCL	VA øA	VA øB	LOCATION
1	NEW EVID LTG	192		X			16	20	1		2	20		5			900		EVID MEZZ
	DRYING RACK		1200			1		20	3		4	20		1				180	EVID WORK STORAGE
	SPARE	–						20	5		6	20		2			360		EVID WORK STORAGE
	EVID RECEPT		900			5		20	7		8	20					–		SPARE
	EVID ROLL UP	1200				1		20	9		10	20							SPARE
	EVID RECEPT		900			5		20	11		12	20							SPARE
	EVID N RECEPT	360				2		20	13		14	20							SPARE
	SPACE								15		16								SPACE
									17		18								
									19		20								
									21		22								
									23		24								
	TOTAL	1752	3000														1260	180	

CONNECTED LOAD (W)= øA: 3012 øB: 3180

TOTAL CONNCTD. LOAD:	6192
LCL:	192
LCL @25%:	48
TOTAL LOAD (VA):	6240
AMPS:	26 A

NOTES: PROVIDE CIRCUIT BREAKERS RATED FOR AVAILABLE FAULT CURRENT

1 CIRCUIT BREAKER WITH LOCK-OUT

PANEL: AC EXISTING — VOLTAGE: 240V — 3 PHASE — MAIN: MLO
LOCATION: ROOF MECH CLOSET — BUS SIZE: 100 A — 3 WIRE — MOUNTING: SURFACE

	LOCATION	VA øA	VA øB	VA øC	LCL	OUTLETS MISC	OUTLETS REC	OUTLETS LT	CB	CKT NO.		CKT NO.	CB	OUTLETS MISC	OUTLETS REC	OUTLETS LT	LCL	VA øA	VA øB	VA øC	LOCATION
2	(E) SALLY PORT	2103					1		30	1		2	30		1			2103			(E)DISPATCH DOOR
	(E) SALLY PORT		2103							3		4							2103		(E)DISPATCH DOOR
	(E) SALLY PORT			2103					3	5		6	3							2103	(E)DISPATCH DOOR
1	(N) OU1/IU1	2112					1		25	7		8	30		1			2103			(E)SALLY PORT
	(N) OU1/IU1		2112						2	9		10							2103		(E)SALLY PORT
1	(N) OU2/IU2			2112			1		25	11		12	3							2103	(E)SALLY PORT
	(N) OU2/IUS	2112							2	13		14	30		1			2500			(E)WH
	(E) AC		1290						30	15		16	2						2500		(E)WH
	(E) AC			1290					2	17		18								–	
	TOTAL	6327	5505	5505														6706	6706	4206	

CONNECTED LOAD (W)= øA: 13033 øB: 12211 øC: 9711

TOTAL CONNCTD. LOAD:	34955
LCL:	6309
LCL @25%:	1577
TOTAL LOAD (VA):	36532
AMPS:	88 A

NOTES: PROVIDE CIRCUIT BREAKERS RATED AVAILABLE FAULT CURRENT.

1 PROVIDE HACR RATED CIRCUIT BREAKER WITH LOCK-OUT TO MATCH EXISTING.

2 ONLY ONE SALLY PORT CIRCUIT OPERATES AT A TIME

GENERAL NOTES

1. ALL FEEDER CIRCUIT BREAKERS SHALL BE LABELED WITH PLASTIC ENGRAVED NAMEPLATE AND BE PAD LOCKABLE IN THE OFF POSITION.
2. GROUND TERMINAL OF PANELBOARDS MUST BE POSITIVELY BONDED TO INCOMMING EQUIPMENT GROUNDING CONDUCTOR OF THE FEEDER WIRING.
3. ALL CIRCUIT BREAKERS IN PANELBOARDS SHALL BE BOLT-ON TYPE (UON).
4. ALL WIRE TERMINATING CONNECTIONS AS WELL AS CONNECTIONS TO INSTALL OR ASSEMBLE POWER DISTRIBUTION MUST BE PERFORMED IN FULL COMPLIANCE WITH THE TORQUE VALUES PUBLISHED BY THE EQUIPMENT MANUFACTURER(S).
5. A TORQUE TEST AND NEUTRAL FAULT TEST SHALL BE PERFORMED PRIOR TO ENERGIZING EQUIPMENT.
6. SEE PANEL SCHEDULES ON THIS SHEET FOR BRANCH CIRCUIT BREAKER REQUIREMENTS.
7. PROVIDE NAMEPLATE ON ALL ELECTRICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO PANEL BOARDS, DISCONNECTS, FEEDERS, ETC.
8. CIRCUIT BREAKERS IN PANEL BOARDS SHALL BE RATED FOR THE AVAILABLE FAULT CURRENT.
9. WIRE SIZE BASE ON COPPER CONDUCTORS.

NOTES

1. EXISTING PANEL TO REMAIN
2. EXISTING 175A, 1Ø. 3 W PANEL. REPLACE (2) 20A, 1P CIRCUIT BREAKER IN SPACES #2 AND #4 WITH NEW 70A, 240V, 2P CIRCUIT BREAKER TO MATCH EXISTING.
3. PROVIDE NEW 120/240V, 1 PH, 3 WIRE PANEL,100A BUS, 70A MAIN. 30 BRANCH CIRCUIT, NEMA 1 SURFACE MOUNTING ENCLOSURE. SEE PANEL SCHEDULE FOR BRANCH CIRCUIT REQUIREMENTS. PROVIDE TYPEWRITTEN PANEL DIRECTORY INSIDE DOOR. PROVIDE PLASTIC ENGRAVED LABEL TO READ: PANEL AA 120/240V, 1 PH, 3 WIRE FED FROM PANEL "A"
4. EXISTING 100A, 1Ø. 3 W PANEL TO REMAIN,VL. REMOVE 30A, 3P CIRCUIT BREAKER IN SPACE #9,11,13 AND RELOCATE 30A, 2P CIRCUIT BREAKER FROM SPACE #15, 17 TO #17,19. PROVIDE NEW 25A, 2P HACR CIRCUIT BREAKERS IN SPACE #9,11 AND #13, 15 TO MATCH EXISTING. PROVIDE UPDATED TYPED PANEL SCHEDULE AND MOUNT IN PROTECTED SLEEVE ON INSIDE OF DOOR.
5. PROVIDE NEW FEEDER CONDUIT AND WIRES.
6. EXISTING 200A, 1Ø. 3 W PANEL. PROVIDE NEW 20A, 1P CIRCUIT BREAKER IN SPACE #35 FOR BREAKROOM KITCHEN RECEPTACLES TO MATCH EXISTING. PROVIDE NEW TYPEWRITTEN PANEL LOAD DIRECTORY WITH UPDATED LOAD AND ATTACH TO INSIDE PANEL'S DOOR

SINGLE LINE DIAGRAM

REGISTERED PROFESSIONAL ENGINEER DANA S TONAI E 14963 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA, CA. 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
2010 WILSHIRE BLVD., SUITE 703
SANTA CLARITA, CALIFORNIA 91381
TEL. : (818) 991-7371 EMAIL:info.peinc@earthlink.net

PROJECT:

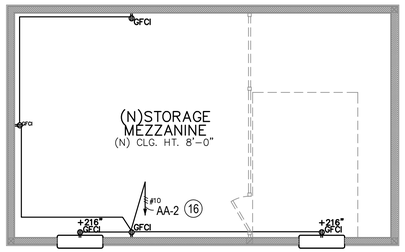
SANTA PAULA POLICE STATION RENOVATION

CLIENT:

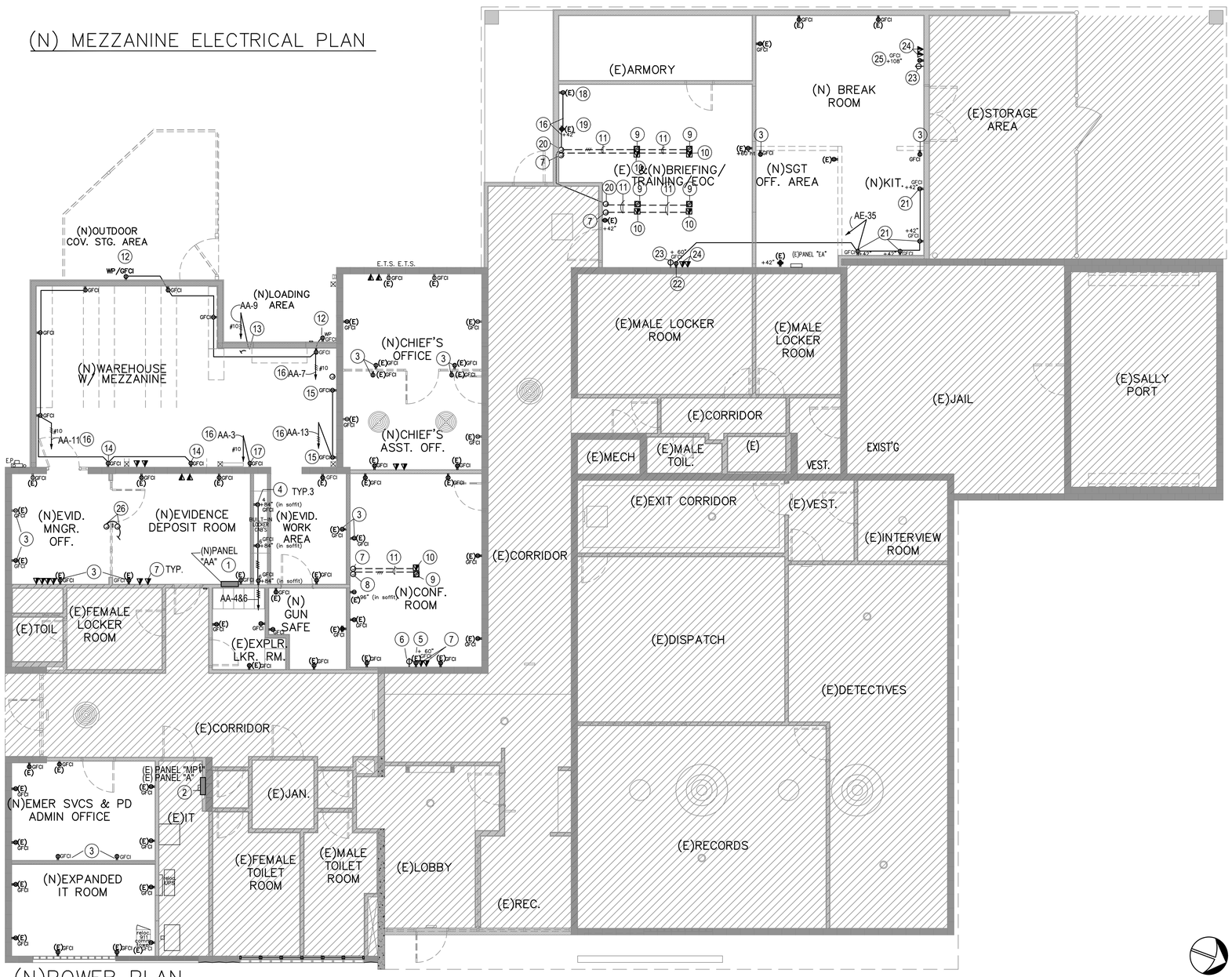
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-2.0



(N) MEZZANINE ELECTRICAL PLAN



(N)POWER PLAN

NORTH
SCALE: 1/8" = 1'-0"

LEGEND

(E) EXISTING ITEM TO REMAIN. FIELD VERIFY
(R) RELOCATED ITEM . FIELD VERIFY NEW LOCATION.

GENERAL NOTES

1 - INFORMATION REGARDING EXISTING CONDITIONS HAVE BEEN OBTAINED FROM THE BEST SOURCES AVAILABLE. CONTRACTOR MUST FIELD VERIFY BRANCH CIRCUITS PRIOR DOING ANY WORK. RED MARK AS-BUILT DRAWINGS WITH PANEL AND BRANCH CIRCUIT NUMBER.

2 - CONTRACTOR TO REROUTE EXISTING WIRING THAT IS IN CONFLICT WITH NEW WORK IN ORDER TO MAINTAIN CONTINUITY TO DOWNSTREAM ELECTRICAL ITEMS.

3 - ANY ITEM NOT SHOWN SPECIFICALLY TO BE REMOVED SHALL REMAIN IN PLACE AS IS UNLESS IN CONFLICT WITH NEW WORK. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REP OR SITE SUPERVISOR FOR CLARIFICATION AND INSTRUCTIONS PRIOR ANY WORK BEING DONE.

4 - WIRING MAY BE SHOWN OFFSET FOR DRAWING CLARITY.

5 - PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTOR WITH ALL BRANCH CIRCUIT WIRING WHETHER OR NOT SHOWN ON THE DRAWING.

6 - PROVIDE FIRESTOP AT WALL PENETRATIONS TO MAINTAIN BUILDING FIRE RATING INTEGRITY.

7 - MAXIMUM COMBINED VOLTAGE DROP ON BOTH THE INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5%

8 - PROTECT IN PLACE EXISTING BRANCH CIRCUIT WIRING NOT SHOWN ON THE PLANS.

9 - ROUTE CONDUIT CONCEALED, UON.

10 - PROVIDE PULLSTRING IN ALL EMPTY CONDUITS.

KEY NOTES

1. PROVIDE NEW 120/240V, 1 PHASE, 70A MAIN CIRCUIT BREAKER PANEL "AA" TO BE FED FROM. PANEL 'A". SEE PANEL SCHEDULE ON E2.0 FOR BRANCH CIRCUIT REQUIREMENTS. MAINTAIN 3' WORKING SPACE CLEARANCE IN FRONT OF PANEL. VERIFY LOCATION PRIOR ROUGH INS.
2. EXISTING 120/240V, 1 PHASE PANEL TO REMAIN. EXISTING LOAD ON BRANCH CIRCUITS #2 AND #4 TO BE RECONNECTED TO NEW PANEL. REPLACE EXISTING 20A, 120V, 1P CIRCUIT BREAKERS IN SPACE #2 AND #4 WITH NEW 70A, 2P CIRCUIT BREAKER TO FEED NEW SUBPANEL "AA". CIRCUIT BREAKER TO MATCH EXISTING.
3. RELOCATED FLUSH MOUNTED RECEPTACLE, VERIFY LOCATION PRIOR ROUGH-INS. RECONNECT TO EXISTING BRANCH CIRCUIT. FIELD VERIFY PANEL AND BRANCH CIRCUIT AND MARK ON AS-BUILT.
4. PROVIDE NEW 20A, 120V, GFCI DUPLEX RECEPTACLE AT +84" FOR REFRIGERATED EVIDENCE LOCKERS. EXACT LOCATION TO BE COORDINATED WITH MANUFACTURER'S ACCESS PANEL FROM EVIDENCE WORK AREA.
5. RELOCATED FLUSH MOUNTED 20A, 120V, GFCI DUPLEX RECEPTACLE AT +60" FOR TV MONITOR,VL.
6. PROVIDE FLUSH 4 11/16" DEEP BOX FOR CABLE TV CONNECTION, VL. EXTEND 1"C.O. WITH PULLSTRING TO IT ROOM. VERIFY TERMINATION LOCATION PRIOR TO ROUGH-INS.
7. PROVIDE FLUSH MOUNTED 4 11/16" DEEP BOX FOR DATA/COMMUNICATION. VERIFY EXACT MOUNTING HEIGHT AND LOCATION PRIOR ROUGH IN. EXTEND 1"C.O. WITH PULLSTRING TO IT ROOM. PROVIDE TEL/DATA JACKS PER OWNER.
8. EXISTING FLUSH MOUNTED WALL OUTLET BOX. EXTEND EXISTING BRANCH CIRCUIT TO NEW FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE. SAW CUT FLOOR AS NECESSARY.
9. NEW FLUSH FLOOR MOUNTED OUTLET BOX WITH 20A, 12OV, DUPLEX RECEPTACLE AND BRASS COVER SUITABLE FOR FLOOR FINSH/COVERING, VL.
10. SIMILAR TO NOTE #9 EXCEPT FOR DATA OUTLETS. PROVIDE DATA JACKS PER OWNER.
11. SAWCUT FLOOR AND ROUTE 1"C.O. WITH PULLSTRING FOR DATA OUTLET AND 3/4"C-2#12+1#12G FOR DUPLEX RECEPTACLE IN COMMON TRENCH. PATCH AND REPAIR FLOOR TO MATCH EXISTING.
12. NEW WEATHERPROOF 20A, 120V, GFCI DUPLEX RECEPTACLE WITH HEAVY DUTY IN-USE WEATHERPROOF COVER, VL.
13. PROVIDE JUNCTION BOX FOR CONNECTION TO ROLL UP DOOR MOTOR, VL. PROVIDE ALL CONDUIT, WIRING AND CONNECTIONS FOR A COMPLETE AND OPERATIONAL SYSTEM.
14. SURFACE MOUNT 20A, 120V DUPLEX RECEPTACLE UNDER CANTILEVERED CABINETS, VL. ROUTE CONDUIT EXPOSED ON EXISTING CMU WALL.
15. SURFACE MOUNT 20A, 120V DUPLEX RECEPTACLE ON EXISTING CMU WALL AT +16", VL. ROUTE CONDUIT EXPOSED ON EXISTING CMU WALL.
16. ROUTE CONDUIT CONCEALED.
17. SURFACE MOUNT 20A, 120V DUPLEX RECEPTACLE FOR DRYING RACK, VL. ROUTE CONDUIT EXPOSED ON EXISTING CMU WALL.
18. RECONFIGURE EXISTING SURFACE MOUNTED DEVICE BOX TO RECESSED MOUNTED BOX IN WALL. PROVIDE NEW FLUSH MOUNTED 20A, 120V GFCI DUPLEX RECEPTACLE.
19. SIMILAR TO NOTE #18 EXCEPT NEW FLUSH MOUNTED 20A, 120V GFCI DOUBLE DUPLEX RECEPTACLES.
20. PROVIDE NEW FLUSH MOUNTED WALL OUTLET BOX AND EXTEND EXISTING BRANCH CIRCUIT TO NEW FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE. SAW CUT FLOOR AS NECESSARY.
21. NEW 20A, 120V GFCI DUPLEX RECEPTACLE, VL. MOUNT ABOVE COUNTER FLUSH WITH TILE BACKSPLASH. ROUTE CONDUIT CONCEALED.
22. NEW 20A, 120V GFCI DUPLEX RECEPTACLE FOR TV MONITOR, VL. SURFACE MOUNT AND ROUTE CONDUIT EXPOSED TO ABOVE SUSPENDED "T-BAR" CEILING.
23. SIMILAR TO NOTE #6 EXCEPT SURFACE MOUNT DEVICE BOX AND ROUTE CONDUIT EXPOSED T0 ABOVE SUSPENDED "T-BAR" CEILING. PROVIDE STUB UP WITH CONDUIT BUSHING AND PULLSTRING.
24. SIMILAR TO NOTE #7 EXCEPT SURFACE MOUNT DEVICE BOX AND ROUTE CONDUIT EXPOSED ABOVE SUSPENDED "T-BAR" CEILING. PROVIDE STUB UP WITH CONDUIT BUSHING AND PULLSTRING.
25. RELOCATED 20A, 120V GFCI DUPLEX RECEPTACLE FOR TV MONITOR, VL. SURFACE MOUNT AND ROUTE CONDUIT EXPOSED TO ABOVE SUSPENDED "T-BAR" CEILING.
26. PROVIDE JUNCTION BOXES FOR CARD READER AND DOOR STRIKE, VL. EXTEND 3/4" CONDUIT WITH PULLSTRING TO IT ROOM. VERIFY EXACT REQUIREMENTS PRIOR ROUGH INS.
27. PROVIDE JUNCTION BOX FOR CONNECTION TO CAMERAS, TEMPERATURE MONITORS, VL. PROVIDE JUNCTION BOX FOR CONNECTION TO CAMERAS, TEMPERATURE MONITORS, VL.

(N) POWER PLAN

REGISTERED PROFESSIONAL ENGINEER
DANA S TONAI
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 933-6400 FAX: (805) 9336040

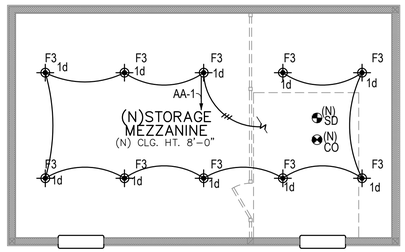
CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
29350 AGOURA ROAD, SUITE 103
SANTA CLARITA, CALIFORNIA 91381
TEL. : (818) 991-7371 EMAIL:info.peinc@earthlink.net

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E3.0



ELECTRICAL LEGEND

- 110 V SWITCH
- 110 V DIMMER SWITCH
- os 110 V DIMMER SWITCH W/ OCCUPANCY SENSOR
- os 110 V SINGLE SWITCH W/ OCCUPANCY SENSOR
- 110 V MOTION SENSOR EXTERIOR WALL MOUNTED SECURITY FIXTURE
- 110 V CEILING MOUNT LIGHT/J-BOX
- 110 V RECESSED LED CEILING FIXT. 6" CAN W/TRIM
- 110 V RECESSED LED CEILING FIXT. 4" CAN W/TRIM (MIN. 40 LUMENS P/WATT. 4 BULB PIN TYPE)
- LOW VOLTAGE LED STRIP LIGHT (ACCENT)
- EXIT EMERGENCY EXIT LIGHT
- so 110 V SMOKE DETECTOR CEILING MOUNT (W/BATT. BACK-UP AS REQ'D)
- co 110 V CARBON MONOXIDE DETECTOR (W/BATT. BACK-UP AS REQ'D)
- (E) INDICATES EXISTINNG ITEM TO REMAIN

CIRCUIT LOAD SCHEDULE CHANGES

AREA	FXTURES REMOVED	LOAD REMOVED	FXTURES ADDED	LOAD ADDED
ARMORY/BRIEFING	7	420 W	7	329 W
BREAK/KIT/SGT	7	420 W	6	282 W
CHIEF/ASST	4	240 W	8	96 W
CONF/EVID	9	540 W	23	492 W
NEW EXTERIOR LTS			6	98 W
LOAD CHANGE TOTALS		1380 W		1297 W

GENERAL NOTES

1 - INFORMATION REGARDING EXISTING CONDITIONS HAVE BEEN OBTAINED FROM THE BEST SOURCES AVAILABLE. CONTRACTOR MUST FIELD VERIFY BRANCH CIRCUITS PRIOR DOING ANY WORK. RED MARK AS-BUILT DRAWINGS WITH PANEL AND BRANCH CIRCUIT NUMBER.

2 - CONTRACTOR TO REROUTE EXISTING WIRING THAT IS IN CONFLICT WITH NEW WORK IN ORDER TO MAINTAIN CONTINUITY TO DOWNSTREAM ELECTRICAL ITEMS.

3 - ANY ITEM NOT SHOWN SPECIFICALLY TO BE REMOVED SHALL REMAIN IN PLACE UNLESS IN CONFLICT WITH NEW WORK. ANY CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REP OR SITE SUPERVISON FOR CLARIFICATION AND INSTRUCTIONS PRIOR ANY WORK BEING DONE.

4 - WIRING MAY BE SHOWN OFFSET FOR DRAWING CLARITY.

5 - PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTOR WITH ALL BRANCH CIRCUIT WIRING WHETHER OR NOT SHOWN ON THE DRAWING.

6 - PROVIDE FIRESTOP AT WALL PENETRATIONS TO MAINTAIN BUILDING FIRE RATING INTEGRITY.

7 - MAXIMUM COMBINED VOLTAGE DROP ON BOTH THE INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5%

8 - PROTECT IN PLACE EXISTING BRANCH CIRCUIT WIRING NOT SHONW ON THE PLANS.

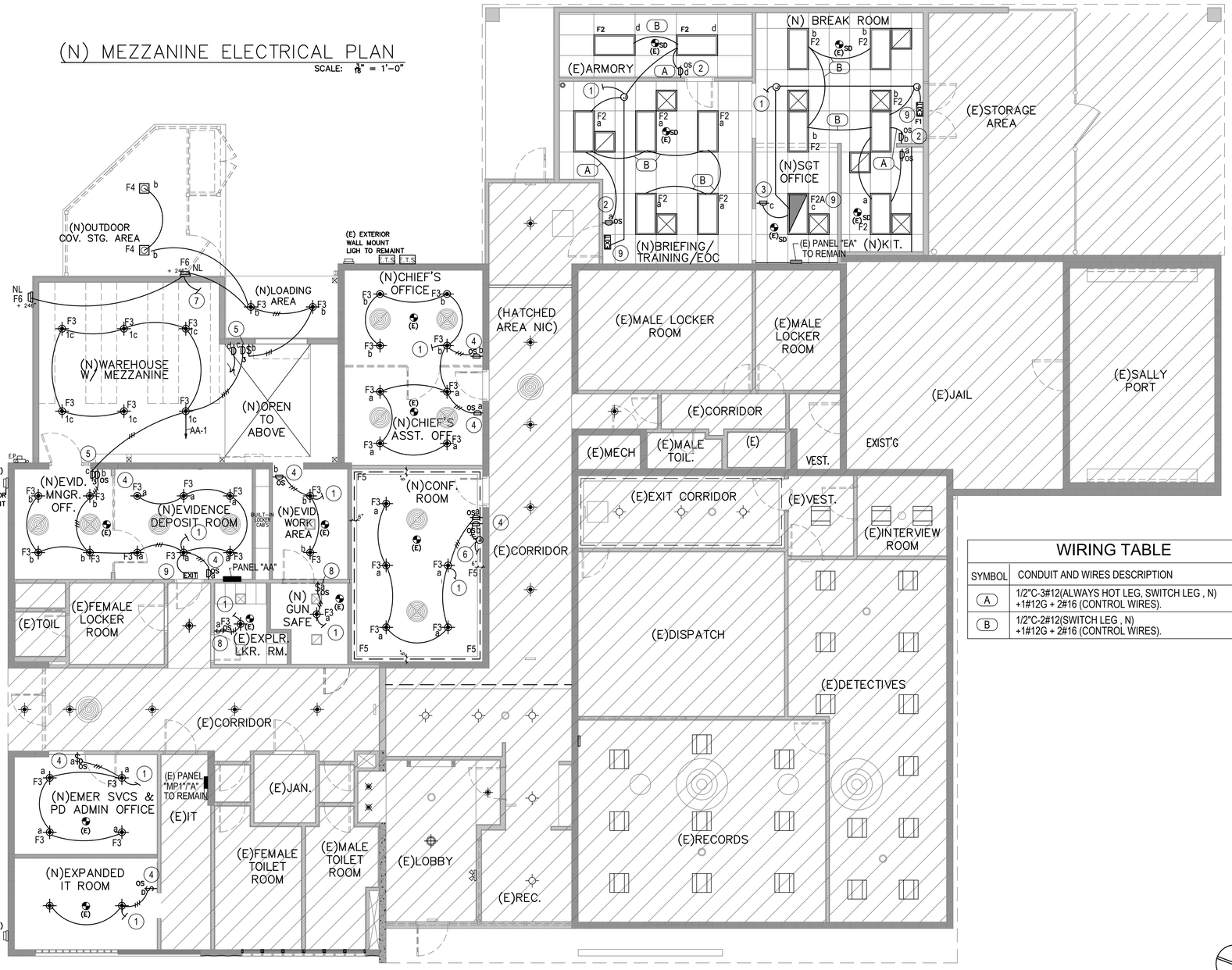
9 - REFER TO DEFERED FIRE ALARM SUBMITTAL FOR FIRE ALARM SCOPE OF WORK

KEY NOTES

1. INTERCEPT EXISTING LIGHTING BRANCH CIRCUIT WIRING AND CONNECT TO UNSWITCHED LEG OF LIGHTING BRANCH CIRCUIT . FIELD VERIFY BRANCH CIRCUIT AND MARK ON AS-BUILT.
2. OCCUPANCY SENSOR WALL 0-10V DIMMER, PIR, LINE VOLTAGE.
3. WALL DIMMER, LINE VOLTAGE, 0-10V CONTROL.
4. OCCUPANCY SENSOR WALL DIMMER, PIR, LINE VOLTAGE, ELV.
5. MULTI-WAY WALL DIMMER, LINE VOLTAGE, COMPATIBLE WITH LIGHT FIXTURE.
6. PROVIDE JUNCTION BOX FOR CONNECTION TO DIMMABLE TRANSFORMER POWER SUPPLY FOR LED TAPE, FIXTURE "F5". MOUNT TRANSFORMER CONCEALED FROM VIEW IN SOFFIT,VL . PROVIDE TRANSFORMERS AND ACCESSORIES AS REQUIRED PER INSTALLATION INSTRUCTIONS. PROVIDE ALL CONNECTIONS FOR A COMPLETE AND OPERABLE SYSTEM.
7. CONNECT NEW EXTERIOR LIGHT FIXTURES TO UNSWITCHED LEG OF EXISTING BUILDING EXTERIOR LIGHT FIXTURE BRANCH CIRCUITS.
8. OCCUPANCY SENSOR WALL SWITCH, PIR, LINE VOLTAGE, MANUAL-ON/AUTO OFF.
9. CONNECT TO ALWAYS HOT LEG OF BRANCH CIRCUIT FOR OPERATION OF EMERGENCY BATTERY PACK.

(N) MEZZANINE ELECTRICAL PLAN

SCALE: 1/8" = 1'-0"



(N)ELECTRICAL PLAN

WIRING TABLE

SYMBOL	CONDUIT AND WIRES DESCRIPTION
A	1/2"C-3#12(ALWAYS HOT LEG, SWITCH LEG , N) +1#12G + 2#16 (CONTROL WIRES).
B	1/2"C-2#12(SWITCH LEG , N) +1#12G + 2#16 (CONTROL WIRES).

NORTH

SCALE: 1/8" = 1'-0"

FIXTURE SCHEDULE

DESIG / WATTS	LAMPS	DESCRIPTION	FINISH	MOUNTING
F1 / 1.5W	LED	COMBINATION EMERGENCY EXIT LIGHT, WHITE THERMOPLASTIC HOUSING, (2)0.75W HEADS, 90 MIN.EMERGENCY BATTERY PACK. HALCO LIGHTING: EMG-EXC-WH-RG	RED/GREEN LETTERS PER ARCH	UNIVERSAL MOUNTING
F2 / 47W	LED 4000°K	LED: 2'X4' LED PANEL, SELECTABLE LUMEN, SELECTABLE CCT MVOLT, 0-10V DIMMING, LITHONIA LIGHTING: CPX 2X4 AL08 HE SWW7 UVOLT M2	WHITE	RECESSED
F2A / 47W	LED 4000°K	SIMILAR TO F2 EXCEPT WITH 90 MIN EMERGENCY BATTERY LITHONIA LIGHTING: CPX 2X4 AL08 HE SWW7 UVOLT M2/ILBLP CP 10 HE SD A	WHITE	RECESSED
F3 / 12W	LED 4000°K	4"DIA DOWNLIGHT, 1300LM LED, ELV DIMMING MVOLT , 0-10V DIMMING, 80 CRI, NLIGHT ENAB LED NORA LIGHTING: NHIC-4LMRAT/NRMC3-R1 L1 40 N BW	WHITE	RECESSED
F4 / 12W	LED 4000°K	6" DIA DOWNLIGHT, 1300LM LED, ELV DIMMING DAMP LOCATION LISTED NORA LIGHTING: NHIC-6LMRAT/NRMC3-61 L1 30 N DW	WHITE	RECESSED
F5 / 4.4W/LF	LED 4000°K	LED TAPE, 4.4W/LF. BLUE COLOR, PROVIDE 24VDC 80VA DIMMING TRANSFORMER AS REQUIRED. ASPECT LED AL-SL-WN-U-B-24/AL-PS-W-D-80-24V	BLUE	SURFACE
F6 / 25W	LED 3000°K	WALL PACK, 2500 LM LED,AMBIENT LIGHT SENSOR, MOTION SENSOR LITHONIA LIGHTING: WST LED P1 30K VW 120 PIRH DDBXD	DARK BRONZE	WALL PER ARCHITECT

FIXTURE SCHEDULE NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING PROPER TYPES OF TRIMS FOR ALL RECESSED FIXTURES TO FIT THE CEILING BEING INSTALLED.
2. FIXTURE TYPES IN CONTACT WITH INSULATION SHALL HAVE U.L. LISTED THERMAL BARRIER.
3. CONTRACTOR SHALL VERIFY THE TYPE OF CEILING BEFORE ORDERING NEW FIXTURES. CONTRACTOR IS FULLY RESPONSIBLE TO PROVIDE ALL MOUNTING BRACKETS TO FIT CEILING CONDITIONS AT NO EXTRA CHARGE TO THE OWNER.
4. CONTRACTOR TO PROVIDE DIMMERS COMPATIBLE WITH FIXTURE.

(N) LIGHTING PLAN

REGISTERED PROFESSIONAL ENGINEER
DANA S TONAI
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA, CA. 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
26040 OAK RIDGE DRIVE
SANTA CLARITA, CALIFORNIA 91381
TEL.: (818) 991-7371 EMAIL:info.peinc@earthlink.net

PROJECT:

SANTA PAULA POLICE STATION RENOVATION

CLIENT:

CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

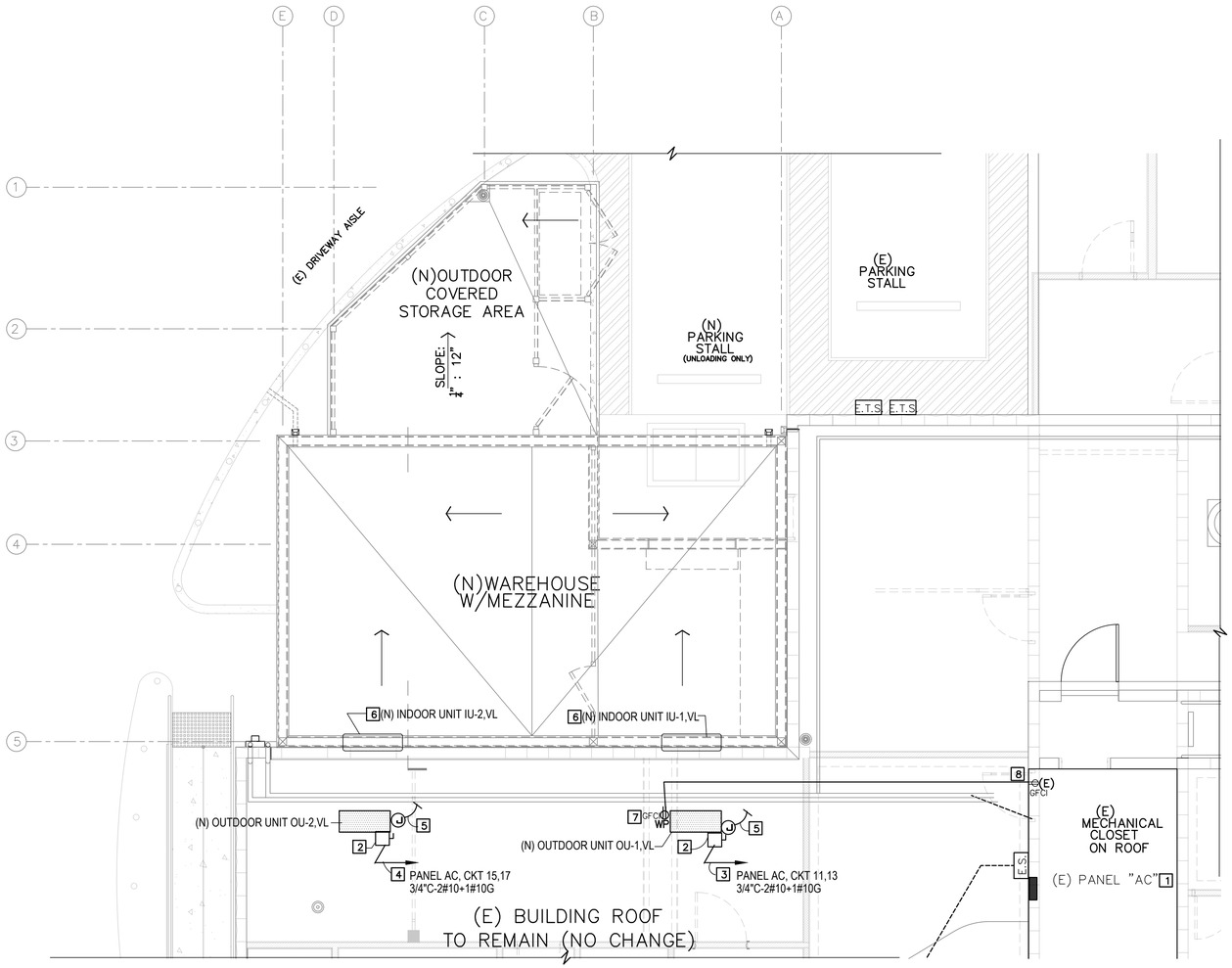
Scale: AS NOTED

Drawn by: DT

Date: 6/18/2026

Job # 10504.014

Sheet: E-3.1



(N) ROOF ELECTRICAL PLAN

NORTH

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. PROVIDE EQUIPMENT GROUNDING CONDUCTOR WITH EACH BRANCH CIRCUIT WHETHER OR NOT SHOWN ON THE DRAWINGS.
2. PROVIDE NYLON PULL ROPE IN ALL CONDUITS ONLY.
3. EXACT LOCATION OF ALL MECHANICAL EQUIPMENT MUST BE COORDINATED AGAINST MECHANICAL DRAWINGS.
4. PROVIDE BRANCH CIRCUIT WIRING FOR MECHANICAL EQUIPMENT. VERIFY EQUIPMENT BRANCH CIRCUIT REQUIREMENTS WITH MECHANINCAL SUB PRIOR TO ROUGH-INS. ANY DISCREPANCIES DISCOVERED MUST BE COORDINATED WITH THE ARCHITECT PRIOR ROUGH-INS.
5. CONDUIT HOMERUNS FOR ROOF-TOP MECHANICAL EQUIPMENT ON ROOF SHALL BE 3/4"C MIN. , UON.
6. LOCAL SAFETY DISCONNECT SWITCHES SHALL BE HEAVY DUTY AND "HP" RATED FUSES TO MATCH EQUIPMENT NAMEPLATE RATING. OTHERWISE USE RK5-DE.
7. PROVIDE ALL CONTROL WIRING AND CONDUIT FOR HVAC SYSTEM. SEE MECHANICAL DRAWINGS FOR INTERLOCK AND CONTROLS. CONTRACTOR TO COORDINATE ALL WORK WITH MECHANICAL CONTROLS CONTRACTOR.
8. MOUNT DISCONNECTS ON UNITS AT THE SPACE DEDICATED BY MANUFACTURER PER MOUNTING INSTRUCTIONS PROVIDED WITH DISCONNECT. VERIFY LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
9. SEE ARCHITECTURAL DETAILS SPECIFICATIONS FOR WEATHERPROOFING AND SEALING CONDUIT PENETRATIONS THROUGH THE ROOF.
10. ELEC EQUIPMENT MOUNTED ON ROOF OR EXPOSED TO WEATHER SHALL BE (WP) TYPE. FURTHER, EQUIPMENT ENCLOSURE MUST BE BONDED TO THE GROUND WIRE.
11. PAINT EXPOSED SURFACE CONDUIT IN FINISHED AREAS TO MATCH SURFACE.
12. WIRING MAY BE DRAWN OFFSET FOR CLARITY.
13. ALL WIRING/CABLES TO BE RUN IN CONDUIT.
14. COORDINATE ALL WORK WITH MECHANICAL CONTRACTOR PRIOR INSTALLATION.
15. WEATHERPROOF ALL CONDUIT PENETRATIONS THROUGH EXTERIOR WALLS AND ROOFS PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

KEY NOTES:

1. (E) 240V, 3PH, 3 WIRE ELECTRICAL PANEL. RELOCATE EXISTING 30A, 2P, 240V CIRCUIT BREAKER IN SPACE 13,15 TO SPACE 15,17. RECONNECT LOAD TO NEW BRANCH CIRCUIT LOCATION. REMOVE 30A, 3P, 240V CIRCUIT BREAKER IN SPACE 7,9,11. PROVIDE NEW 25A, 2P, 240V CIRCUIT BREAKERS IN SPACES # 7,9 AND #11,13 TO MATCH EXISTING FOR NEW HVAC MINI-UNITS.
2. (N) 30A, 2P, 240V WEATHERPROOF FUSIBLE DISCONNECT SWITCH WITH (2) 25A, RK5, DE FUSES FOR NEW MINI-SPLIT UNIT, VL. MOUNT ON STRUT SUPPORTS AND MAINTAIN 36" CLEAR SPACE IN FRONT.
3. (N) 3 /4" CONDUIT WITH 2 #10 +1#10G AWG TO PANEL "AC" BRANCH CIRCUIT # 7,9. USE ROOFTOP SUPPORT BLOCKS TO ROUTE CONDUIT ON ROOF TO PANEL. PROVIDE WEATHERPROOFING AT WALL/ROOF PENETRATIONS.
4. (N) 3 /4" CONDUIT WITH 2 #10 +1#10G AWG TO PANEL "AC" BRANCH CIRCUIT # 11,13 USE ROOFTOP SUPPORT BLOCKS TO ROUTE CONDUIT ON ROOF TO PANEL. PROVIDE WEATHERPROOFING AT WALL/ROOF PENETRATIONS.
5. (N) 1 /2" CONDUIT WITH 3 #14 +1#14G AWG CONNECTION FOR POWER CONNECTION TO CORRESPONDING INDOOR UNIT. PROVIDE EXPANSION JOINTS AS REQUIRED. PROVIDE ALL CONNECTIONS COMPLETE.
6. MINI SPLIT INDOOR UNIT FED FROM CORRESPONDING OUTDOOR UNIT, VL. PROVIDE ALL CONTROL CONDUIT AND WIRES PER MANUFACTURER'S INSTRUCTIONS.
7. (N) WEATHERPROOF 20A, 120V, GFCI DUPLEX RECEPTACLE WITH HEAVY DUTY WEATHERPROOF IN USE COVER ON ROOF, VL. MOUNT ON STRUT SUPPORT.
8. CONNECT TO EXSTING 15A, 120V DUPLEX RECEPTACLE AND EXTEND 3/4"C-2#12+1#12G TO NEW WEATHERPROOF RECEPTACLE ON ROOF. PROVIDE WEATHERPROOFING AT CONDUIT WALL PENETRATION.

ROOF ELECTRICAL PLAN

REGISTERED PROFESSIONAL ENGINEER
DANA S TONAI
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
25101 THE OLD ROAD
SANTA CLARITA, CALIFORNIA 91381
TEL: (818) 709-7571 EMAIL:info.pebi@earthlink.net

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

	Revision	Date

Scale: AS NOTED
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E3.2

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
This document is used to demonstrate compliance with mandatory requirements in §130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and §160.6 and §160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per §141.0(a) or §141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per §180.1(a) or §180.2 (b)4Bvii	
Project Name: Santa Paula Police Department Phase II	**Report Page:** **(Page 1 of 4)**
Project Address: 214 South 10th St., Santa Paula 93060	**Date Prepared:** 2026-06-14T18:40:58-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Santa Paula	02	Climate Zone	9
			03	Occupancy Types Within Project:	

● All Other Occupancies ● Office

B. PROJECT SCOPE

This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/ Description	Scope of Work [1]	Rating[2] (kVA)	Utility Provided Metering System Exception to §130.5(a)/§160.6(a)[3]	System subject to CA Elec Code Article 517 Exception to §130.5(a)and (b)	Demand Response Controls	Provides power to dwelling units/common living areas only in multifamily occupancy
120/240V, 1ph, 3 W meter panel MP1	Add/Alt to feeders and branch circuits only	---	☐	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2/§160.3, §130.1/§160.5, and §130.3/§160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** **(Page 2 of 4)**
	Date Prepared: 2026-06-14T18:40:58-04:00

B. PROJECT SCOPE

This table includes electrical systems that are within the scope of the permit application.

240V,3Ph, 3P meter panel MP2	Add/Alt to feeders and branch circuits only	---	☐	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2/§160.3, §130.1/§160.5, and §130.3/§160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

[1] FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.
[2] If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.
[3] Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01		02		03		04	05	06
Service Electrical Metering §130.5(a)/ §160.6(a) (See Table F)	AND	Separation for Monitoring §130.5(b)/ §160.6(b) (See Table G)	AND	Voltage Drop §130.5(c)/ §160.6(c) (See Table H)	AND	Controlled Receptacles §130.5(d)/ §160.6(d) (See Table I)	Electric Ready §160.9 (See Table J)	**Compliance Results**
	AND		AND	Yes	AND			COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** **(Page 3 of 4)**
	Date Prepared: 2026-06-14T18:40:58-04:00

H. VOLTAGE DROP

This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with §130.5(c)/ §160.6(c). For alterations, only the altered circuits must demonstrate compliance per §141.0(b)2Piii/ §180.2(b)4Bviic.

01	02			03	04	05	
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method			Location of Voltage Drop Calculations[1]	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
						Pass	Fail
120/240V, 1ph, 3 W meter panel MP1	☒ Voltage drop less than 5%	☐	Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	E-4.0	☐	☐
240V,3Ph, 3P meter panel MP2	☒ Voltage drop less than 5%	☐	Permitted by CA Elec Code (Exception to 130.5(c))*	In construction documents	E-4.0	☐	☐

** NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.*

[1] FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-ELC-E - Must be submitted for all buildings

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no NRCA forms required for this project.

STATE OF CALIFORNIA
Electrical Power Distribution
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE	NRCC-ELC-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** **(Page 4 of 4)**
Project Address:	**Date Prepared:** 2026-06-14T18:40:58-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Dana Tonai	Documentation Author Signature: Dana Tonai
Company: Parviz Ebrahimi Inc	Signature Date: 6/15/2026
Address: 25101 The Old Road	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Person Name: Dana Tonai	Responsible Person Signature: Dana Tonai
Responsible Person Scope:	
Company: Parviz Ebrahimi Inc	Date Signed: 6/15/2026
Address: 25101 The Old Road	License: E14963
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

VOLTAGE DROP CALCULATIONS

CIRCUIT NUMBER	VOLTAGE	PHASE	LOAD (VA)	AMPS	DISTANCE (FT)	WIRE SIZE (AWG)	VOLTAGE DROP	%VOLTAGE DROP
AA-1	120	1	192	1.6	70	12	0.03	0.03
AA-3	120	1	1200	10	40	10	0.8	0.67
AA-7	120	1	900	7.5	70	10	0.95	0.79
AA-9	120	1	1200	10	60	10	1.08	0.9
AA-11	120	1	900	7.5	60	10	0.81	0.68
AA-13	120	1	360	3	60	12	0.52	0.43
AA-2	120	1	900	7.5	70	10	0.95	0.79
AA-4	120	1	180	1.5	35	12	0.15	0.13
AA-6	120	1	360	3	40	12	0.34	0.28
AE-35	120	1	900	7.5	50	12	1.07	0.89
AC-9,11	240	1	4224	17.6	34	10	1.08	0.45
AC-13,15	240	1	4224	17.6	50	10	1.59	0.66

E 14963 Exp. 6/30/27 Dana S Tonai ELECTRICAL REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
25101 THE OLD ROAD
SANTA CLARITA, CALIFORNIA 91381
TEL. - (818) 991-7371 EMAIL:info6.pein@earthlink.net

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: AS NOTED
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-4.0

NRCC-ELC-E, VOLTAGE DROP CALCULATIONS

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
This document is used to demonstrate compliance with requirements in §110.9, §110.12(c), §130.0, §130.1, §140.6 and §141.0(b)2 for indoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in §160.5, §170.2(e) and §180.2(b)4 for indoor lighting scopes using the prescriptive path for multifamily occupancies. Multifamily includes dormitory and senior living facilities.	
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 1 of 9)
Project Address: 214 South 10th St., Santa Paula 93060	**Date Prepared:** 2026-06-14T19:09:04-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Santa Paula	04	Total Conditioned Floor Area (ft²)	2,563
02	Climate Zone	9	05	Total Unconditioned Floor Area (ft²)	0
03	Occupancy Types Within Project (select all that apply):		06	# of Stories (Habitable Above Grade)	2

● All Other Occupancies

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 / §170.2(e) or §141.0(b)2 / §180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)
☒ New Lighting System	Area Category Method	2563	N/A	0
☐ New Lighting System - Parking Garage	N/A	0	N/A	0
Total Area of Work (ft²)	2563			

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 2 of 9)
	Date Prepared: 2026-06-14T19:09:04-04:00

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D. for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)1 /§170.2(e)	Allowed Lighting Power per §140.6(b) /§170.2(e) (Watts)					Adjusted Lighting Power per §140.6(a) /§170.2(e) (Watts)				Compliance Results
	01	02	03	04		05	06	07		08
	Complete Building §140.6(c)1	Area Category §140.6(c)2 /§170.2(e)4	Area Category Additional §140.6(c)2G / §170.2(e)4Av (+)	**Total Allowed** (Watts)		Total Designed (Watts)	Adjustments PAF Lighting Control Credits §140.6(a)2 /§170.2(e)1B (-)	**Total Adjusted** (Watts) *Includes Adjustments		**05 must be >= 08 §140.6 /§170.2(e)**
	(See Table I)	(See Table I)	(See Table J)			(See Table F)	(See Table P)			
Conditioned		1,901.4	58	1,959.4	≥	1,263		1263		COMPLIES
Unconditioned					≥		0			
Controls Compliance (See Table H for Details)										COMPLIES
One-for-one Luminaire Alterations Compliance (See Table Q for Details)										

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 3 of 9)
	Date Prepared: 2026-06-14T19:09:04-04:00

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Conditioned Spaces

01	02	03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change [1]	Watts per luminaire[2]	How is Wattage determined	Total Number of Luminaires	Excluded per §140.6(a)3 / §170.2(e)2C	Design Watts	Field Inspector Pass	Field Inspector Fail
F2/F2A	2 X 4 LED PANEL, 3200 LM, 0-10V DIM	No	NA	47	Mfr. Spec	13	No	611	☐	☐
F3	4" DIA RECESSED DL, 1300LM LED, ELV DIMMING	No	NA	12	Mfr. Spec	33	No	396	☐	☐
F5	LED TAPE LIGHT, 4.4 W/LF	No	Used in Nonres occupancy	80	Mfr. Spec	4	No	256	☐	☐
						Total Designed Watts: CONDITIONED SPACES		1,263		

[1]*FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per §140.6(a)4B /§170.2(e)2D is adjusted to be 75% /80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.*

[2]*Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) /§160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.*

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 4 of 9)
	Date Prepared: 2026-06-14T19:09:04-04:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls

01	02	03	
Mandatory Demand Response §110.12(c)	Shut-off controls §130.1(c) / §160.5(b)4C	Field Inspector Pass	Field Inspector Fail
NA < 4,000W subject to multilevel	See Area/Space Level Controls (Column 8)	☐	☐

Area Level Controls

04	05	06	07	08	09	10	11	12	
Area Description	Complete Building or Area Category Primary Function Area	Manual Controls §130.1(a) /§160.5(b)4A	Multi-Level Controls §130.1(b) /§160.5(b)4B	Shut-Off Controls §130.1(c) /§160.5(b)4C	Primary/Sky lit Daylighting §130.1(d) /§160.5(b)4D	Secondary Daylighting §130.1(d) /§160.5(b)4D	Interlocked Systems §140.6(a)1/ §170.2(e)2A	Field Inspector Pass	Field Inspector Fail
OFFICE	Office (<=250 square feet)	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: General Ltg < 75W	NA: General Ltg < 75W	No	☐	☐
Workroom	Office (<=250 square feet)	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
CONFERENCE ROOM	Convention, Conference, Multipurpose and Meeting Center	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
TRAINING ROOM	Classroom, Lecture, or Training Vocational	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 5 of 9)
	Date Prepared: 2026-06-14T19:09:04-04:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

BREAK ROOM	Lounge	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
BREAKROOM KITCHEN	Kitchen/ Food Preparation	Readily Accessible and located in the same space.	NA: Space <100SF	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
GUN STORAGE/ARMORY	General Commercial Industrial Work Area Precision	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
IT ROOM	Electrical, Mechanical, or Telephone Room	Readily Accessible and located in the same space.	Dimmer	NA: Elec. equip. rm	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
LOCKER ROOM	Locker/Dressing Room	Readily Accessible and located in the same space.	NA: Space <100SF	Occupancy Sensor	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
EVIDENCE STORAGE	General Commercial Industrial Work Area Precision	Readily Accessible and located in the same space.	Dimmer	NA: 24 hour/365 day	NA: Not daylit zone	NA: Not daylit zone	No	☐	☐
							13		
							Plan Sheet Showing Daylit Zones:		

CERTIFICATE OF COMPLIANCE	NRCC-LTI-E
Project Name: Santa Paula Police Department Phase II	**Report Page:** (Page 6 of 9)
	Date Prepared: 2026-06-14T19:09:04-04:00

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per §140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used .

Conditioned Spaces

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment Area CategoryPAF	Additional Allowance / Adjustment PAF
OFFICE	Office (<=250 square feet)	0.65	661	429.65	No	No
Workroom	Office (<=250 square feet)	0.65	142	92.3	No	No
CONFERENCE ROOM	Convention, Conference, Multipurpose and Meeting Center	0.75	232	174	Yes	No
TRAINING ROOM	Classroom, Lecture, or Training Vocational	0.6	209	125.4	No	No
BREAK ROOM	Lounge	0.55	214	117.7	No	No
BREAKROOM KITCHEN	Kitchen/ Food Preparation	0.95	78	74.1	No	No
GUN STORAGE/ARMORY	General Commercial Industrial Work Area Precision	0.85	173	147.05	No	No
IT ROOM	Electrical, Mechanical, or Telephone Room	0.4	114	45.6	No	No
LOCKER ROOM	Locker/Dressing Room	0.45	46	20.7	No	No
EVIDENCE STORAGE	General Commercial Industrial Work Area Precision	0.85	794	674.9	No	No
		TOTALS:	2,663	1,901.4	See Tables J, or P for detail	

NRCC-LTI-E

REGISTERED PROFESSIONAL ENGINEER DANA S TONAI E 14963 Exp. 6/30/27 ELECTRICAL STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
20631 CELTA CT., CHATSWORTH, CA 91311
SANTA CLARITA, CALIFORNIA 91381
TEL. - (818) 991-7371 EMAIL:info.peinc@earthlink.net

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-4.1

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

All areas indicated in Table I as using an additional allowance using the Area Category Method have been included in this table to calculate the additional allowance per Table 140.6-C /170.2-M

Conditioned Spaces

01	02	03	04	05	06	07	08	09	10
Area Description	Primary Function Area	Applicable Qualifying Lighting System from Table 140.6-C	Allowed Density (W/ft² or W/lf or W/unit)	Ltg Area, Length or ATM/Mirror (ft², lf or #)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	Number of Luminaires	Total Design Watts
CONFERENCE ROOM	Convention, Conference, Multipurpose and Meeting Center	Decorative/ Display C	0.25	232	58	F5	80	4	320

Total Design Watts	Calculated Allowance (Watts):	Total Additional Allowance for this area:
320	58	58
11		
Total Additional Allowance (Watts) CONDITIONED SPACES		58

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Q. ONE-FOR-ONE LUMINAIRE ALTERATIONS

This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Dana Tonai	
Company:	Signature Date:
Parviz Ebrahimi Inc	6/15/2026
Address: 25101 The Old Road	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Person Name:	Responsible Person Signature:
Dana Tonai	
Responsible Person Scope:	
Company:	Date Signed:
Parviz Ebrahimi Inc	6/15/2026
Address: 25101 The Old Road	License: E14963
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "-A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	OFFICE; Workroom; CONFERENCE ROOM; TRAINING ROOM; BREAK ROOM; BREAKROOM KITCHEN; GUN STORAGE/ARMORY; LOCKER ROOM

REGISTERED PROFESSIONAL ENGINEER
DANA S TONAI
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
24010 DEL PRADO
SANTA CLARITA, CALIFORNIA 91381
TEL. : (818) 991-7371 EMAIL:info.peinc@earthlink.net

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-4.2

NRCC–LTI–E

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
This document is used to demonstrate compliance with requirements in §110.9, §130.0, §130.2, §140.7, and §141.0(b)2I, for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in §160.5, §170.2(e)6, §180.1(a) and §180.2(b)4Bv for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.		
Project Name: Santa Paula Police Department Phase II	**Report Page:**	**(Page 1 of 9)**
Project Address: 214 South 10th St., Santa Paula 93060	**Date Prepared:**	2026-06-14T19:20:27-04:00

A. GENERAL INFORMATION

01	Project Location (city)	Santa Paula	04	Total Illuminated Hardscape Area (ft²)	3745
02	Climate Zone	9			
03	Outdoor Lighting Zone per Title 24 Part 1 §10.114 or as designated by Authority Having Jurisdiction (AHJ):				
☐	LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval		
☐	LZ-1: Low - Rural Areas	☒ LZ-3: Moderately High - Urban Areas			
05	Occupancy Types within Project				
● All Other Occupancies ● Office ● Support Areas					

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 / §170.2(e)6 or §141.0(b)2L / § 180.2(b)4Bv for alterations.

My Project Consists of:

01	02		
☒	New Lighting System	Must Comply with Allowances from §140.7 / §170.2(e)6	
☐	Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?	○ Yes ○ No
03		04	05
% of Existing Luminaires Being Altered[1]		Sum Total of Luminaires Being Added or Altered	Calculation Method
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%			

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

[1] *FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.*

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTO-E

Project Name: Santa Paula Police Department Phase II | Report Page: (Page 2 of 9)

Date Prepared: 2026-06-14T19:20:27-04:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) §140.7 / §170.2(e)6 or §141.0(b)2L / § 180.2(b)4Bv												Compliance Results		
01		02		03		04		05		06		07		08	09
General Hardscape Allowance §140.7(d)1 / §170.2(e)6 (See Table I)	+	Per Application §140.7(d)2 / §170.2(e)6 (See Table J)	+	Sales Frontage §140.7(d)2 (See Table K)	+	Ornamental §140.7(d)2 / §170.2(e)6 (See Table L)	+	Per Specific Area §140.7(d)2 / §170.2(e)6 (See Table M)	OR	Existing Power Allowance §141.0(b)2L / § 180.2(b)4Bv (See Table N)	=	**Total Allowed** (Watts)	≥	**Total Actual** (Watts)	**07 must be >= 08**
381.69	+	19	+	---	+	---	+	24	OR	---	=	424.69	≥	98	COMPLIES
Shielding Compliance (See Table G for Details)															N/A
Controls Compliance (See Table H for Details)															COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance | Report Version: 2025.0.000 | Schema Version: rev 20250101 | Compliance ID: ECA-413171-0626-0005 | Report Generated: 2026-06-14 16:20:29

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTO-E

Project Name: Santa Paula Police Department Phase II | Report Page: (Page 3 of 9)

Date Prepared: 2026-06-14T19:20:27-04:00

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with §140.7 / §170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per §141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01	02		03	04	05	06	07	08	09	10	
Name or Item Tag	Complete Luminaire Description		Watts per luminaire[1, 2]	How is Wattage determined	Total Number Luminaires [2]	Luminaire Status[3]	Excluded per §140.7(a) / §170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output §130.2(b) /§160.5(c)1 [4]	Field Inspector	
										Pass	Fail
F3	4" DIA LED DL,	☐ Linear	12	Mfr. Spec	2	New	☐	24	NA: < 6200 lumens	☐	☐
F4	6" DIA LED DL	☐ Linear	12	Mfr. Spec	2	New	☐	24	NA: < 6200 lumens	☐	☐
F6	LED WALLPACK, 2500LM LED, AMBIENT LIGHT AND MOTION SENSING	☐ Linear	25	Mfr. Spec	2	New	☐	50	NA: < 6200 lumens	☐	☐
							Total Design Watts:	98			

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to §130.2(b)

[1] *FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.0(c) / §160.5(b)*

[2] *For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.*

[3] *Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.*

[4] *Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by §130.2(b)/ §160.5(c)*

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance | Report Version: 2025.0.000 | Schema Version: rev 20250101 | Compliance ID: ECA-413171-0626-0005 | Report Generated: 2026-06-14 16:20:29

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTO-E

Project Name: Santa Paula Police Department Phase II | Report Page: (Page 4 of 9)

Date Prepared: 2026-06-14T19:20:27-04:00

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.
Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05	
Area Description	Shut-Off §130.2(c)1 / §160.5(c)	Auto-Schedule §130.2(c)2 / §160.5(c)	Motion Sensor §130.2(c)3 / §160.5(c)	Field Inspector	
				Pass	Fail
ENTRANCE: "F3"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐
STORAGE: "F4"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts	☐	☐

[1] *FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.*

[2] *Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.*

[3] *Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.*

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance | Report Version: 2025.0.000 | Schema Version: rev 20250101 | Compliance ID: ECA-413171-0626-0005 | Report Generated: 2026-06-14 16:20:29

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTO-E

Project Name: Santa Paula Police Department Phase II | Report Page: (Page 5 of 9)

Date Prepared: 2026-06-14T19:20:27-04:00

I. LIGHTING POWER ALLOWANCE (per §140.7 /§170.2(e))

This table includes areas using allowance calculations per §140.7 /§170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance.
Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

	01				
	"Use it or lose it" Allowance (select all that apply)				(select all that apply)
☒ General Hardscape Allowance Table I (below)	☒ Per Application Table J	☐ Sales Frontage Table K	☐ Ornamental Table L	☒ Per Specific Area Table M	

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA)			Linear Wattage Allowance (LWA)			Total General AWA + LWA (Watts)
	Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
HARDSCAPE	3490	0.021	73.29	292	0.2	58.4	131.69
					Initial Wattage Allowance for Entire Site (Watts):		250
					Instances of Initial Wattage Allowance (LZ 0 only)[1]		
					Total General Hardscape Allowance (Watts):		381.69

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance | Report Version: 2025.0.000 | Schema Version: rev 20250101 | Compliance ID: ECA-413171-0626-0005 | Report Generated: 2026-06-14 16:20:29

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTO-E

Project Name: Santa Paula Police Department Phase II | Report Page: (Page 6 of 9)

Date Prepared: 2026-06-14T19:20:27-04:00

J. LIGHTING ALLOWANCE: PER APPLICATION

This table includes areas using the wattage allowance per application from Table 140.7-B / Table 170.2-S.

01	02	03	04	05	06	07	08	09	10
Area Description	Application per Table 140.7-B [1]	CALCULATED ALLOWANCE (Watts)			DESIGN WATTS				Additional Allowance (Watts)
		# of Locations	Allowance per Location[2]	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	
ENTRANCE	Building Entrance/Exit	1	19	19	F3	12	2	24	19
							Total Design Watts for this Area:	24	
							Total Allowance (Watts) All Areas:		19

[1] *FOOTNOTES: Primary entrance applications are only available for senior care facilities, healthcare facilities, police stations, hospitals, fire stations, and emergency vehicle facilities.*

[2] *The Allowance per Location for ATMs is 100W for the first ATM and 35W for each additional per Table 140.7-B /Table 170.2-S.*

[3] *For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.*

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

Generated Date/Time: Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance | Report Version: 2025.0.000 | Schema Version: rev 20250101 | Compliance ID: ECA-413171-0626-0005 | Report Generated: 2026-06-14 16:20:29

NRCC-LTO-E

REGISTERED PROFESSIONAL ENGINEER
DANA S TONAI
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
2600 TAPO CANYON ROAD, SUITE 210
SIMI VALLEY, CALIFORNIA 93063
TEL.: (818) 991-7371 EMAIL:info.pcinc@earthlink.net

PROJECT:
SANTA PAULA POLICE STATION RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE

Drawn by: DT

Date: 6/18/2026

Job # 10504.014

Sheet: E4.3

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santa Paula Police Department Phase II	**Report Page:**	**(Page 7 of 9)**
	Date Prepared:	2026-06-14T19:20:27-04:00

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This table includes areas using the wattage allowance per specific area from Table 140.7-B /Table 170.2-S. More than one specific area allowance may be taken in a single project, if applicable. However, multiple specific area allowances may not be taken for the exact same area on the site.

01	02	03	04	05	06	07	08	09	10
Area Description	Specific Area Type per Table 140.7-B	CALCULATED ALLOWANCE (Watts)			DESIGN WATTS				Additional Allowance (Watts)
		Specific Area (ft^2)[1]	Allowed Density (W/ft^2)	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	
STORAGE	NonSalesCanopy	189	0.27	51.03	F4	12	2	24	24
							Total Design Watts for this Area:	24	
								Total Allowance (Watts) All Areas:	24

[1] *FOOTNOTES: See Table 140.7-B /Table 170.2-S for rules for calculating the specific areas (ft^2 for these additional lighting allowances.*
[2] *For luminaires indicated in Table F as linear, wattage in column 07 is W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 08 instead of number of luminaires.*

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title
NRCI-LTO-E - Must be submitted for all buildings

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santa Paula Police Department Phase II	**Report Page:**	**(Page 9 of 9)**
Project Address:	**Date Prepared:**	2026-06-14T19:20:27-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Dana Tonal	
Company:	Signature Date:
Parviz Ebrahimi Inc	6/15/2026
Address: 25101 The Old Road	CEA/AEA/ECC Certification Identification (if applicable):
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Person Name:	Responsible Person Signature:
Dana Tonal	
Responsible Person Scope:	
Company:	Date Signed:
Parviz Ebrahimi Inc	6/15/2026
Address: 25101 The Old Road	License: E14963
City/State/Zip: Stevenson Ranch, CA 91381	Phone: (818) 991-7371

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance
Generated Date/Time:
Report Version: 2025.0.000
Schema Version: rev 20250101
Documentation Software: Energy Code Ace
Compliance ID: ECA-413171-0626-0005
Report Generated: 2026-06-14 16:20:29

STATE OF CALIFORNIA
Outdoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name: Santa Paula Police Department Phase II	**Report Page:**	**(Page 8 of 9)**
	Date Prepared:	2026-06-14T19:20:27-04:00

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: http://www.energy.ca.gov/title24/attcp/providers.html

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	ENTRANCE: "F3"; STORAGE: "F4"

CA Building Energy Efficiency Standards - 2025 Nonresidential Compliance
Generated Date/Time:
Report Version: 2025.0.000
Schema Version: rev 20250101
Documentation Software: Energy Code Ace
Compliance ID: ECA-413171-0626-0005
Report Generated: 2026-06-14 16:20:29

NRCC-LTO-E

REGISTERED PROFESSIONAL ENGINEER
DANA S TONAI
E 14963
Exp. 6/30/27
ELECTRICAL
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:
Parviz Ebrahimi, Inc.
Consulting Electrical Engineers
25101 THE OLD ROAD
SANTA CLARITA, CALIFORNIA 91381
TEL. : (818) 991-7371 EMAIL:info6.pcinc@earthlink.net

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NONE
Drawn by: DT
Date: 6/18/2026
Job # 10504.014
Sheet: E-4.4

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL CONFORM TO AND BE IDENTIFIED IN ACCORDANCE WITH 2025 CBC SECTION 2202. STEEL FABRICATOR TO BE LICENSED BY THE APPROPRIATE MUNICIPALITY.
2. MATERIAL AND WORKMANSHIP FOR FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF THE "CODE OF STANDARD PRACTICE", PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
3. STRUCTURAL STEEL FOR THE FOLLOWING SHAPES INDICATED SHALL CONFORM TO THE FOLLOWING GRADES:

SHAPE	ASTM / GRADE	Fy (ksi)
WIDE FLANGE (W)	A 992	50-65
PLATES, ANGLES AND CHANNELS	A 36	36
RECTANGULAR TUBES	A 500 B	46
ROUND TUBES	A 500 B	42

4. BOLTS OF THE TYPE AND USE INDICATED SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS (U.N.O.):

TYPE	USE	BOLTS
MACHINE BOLTS	AS SPECIFIED	A 307 GRADE A
ANCHOR BOLTS	ANCHORS	A 307 GRADE A
HIGH STRENGTH	AS SPECIFIED	A 325

5. NUTS SHALL CONFORM TO ASTM A 563-88a, HEX GRADE A.
6. ALL WELDING SHALL CONFORM TO THE PROVISIONS OF AWS D1.1-14, 'STRUCTURAL WELDING CODE -STEEL' OF THE AMERICAN WELDING SOCIETY. ELECTRODES SHALL BE TYPE E70-16, UNLESS NOTED OTHERWISE BY PROJECT STRUCTURAL ENGINEER.
7. ALL WELDING OF STRUCTURAL STEEL SHAPES SHALL BE ELECTRIC-ARC PROCESS BY QUALIFIED AND CERTIFIED WELDERS, IN A FABRICATION SHOP LICENCED BY THE LOCAL BUILDING JURISDICTION. CONTINUOUS DEPUTY INSPECTION REQUIRED FOR FIELD WELDING.
8. ALL WELDING OF REINFORCING STEEL SHALL CONFORM TO THE PROVISIONS OF AWS D1.4-14, "STRUCTURAL WELDING CODE - REINFORCING STEEL".
9. STEEL MEMBERS TO BE GALVANIZED SHALL BE COATED IN ACCORDANCE WITH ASTM A 123 WITH A MINIMUM OF 2.5 OUNCES ZINC PER SQ. FT.
10. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION.
11. STEEL SHALL BE COATED WITH A SHOP-APPLIED PRIMER. FIELD PAINTING TO BE PROVIDED TO TOUCH UP ANY DAMAGED PAINT ON SHAPES, BOLTS, AND WELDS.
12. HIGH-STRENGTH NON-SHRINK GROUT SHALL BE PLACED IMMEDIATELY AFTER COLUMN IS PLUMBED. CONTRACTOR SHALL NOT LOAD COLUMN ANCHOR BOLTS BEFORE PLACEMENT OF NON-SHRINK GROUT. NON-SHRINK GROUT SHALL BE ICC-APPROVED AND SHALL BE MIXED, PLACED AND CURED IN CONFORMANCE WITH MANUFACTURER'S CC REPORT.
13. CONCRETE AND BASE PLATE SURFACES SHALL BE CLEAN AND FREE OF OIL, GREASE, DIRT AND LOOSE PARTICLES.
14. FIELD WELDING TO BE DONE BY WELDERS CERTIFIED BY THE LOCAL BUILDING JURISDICTION FOR (STRUCTURAL STEEL AND REINFORCING STEEL.) CONTINUOUS INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED.
15. ALL WELDING SHALL BE PERFORMED BY A CERTIFIED FABRICATOR OR UNDER DEPUTY INSPECTION. A CERTIFICATE SHALL BE GIVEN TO THE BUILDING INSPECTOR AT FRAMING INSPECTION.

REINFORCING STEEL

1. DEFORMED BAR REINFORCEMENT SHALL CONFORM TO THE FOLLOWING GRADES OFASTM A 615:
   GRADE 40 - #3 AND SMALLER
   GRADE 60 - #4 AND LARGER
2. DETAILS OF REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI 318, 2022 CBC & OTHER SECTIONS ACCORDING TO APPLICATION.
3. LAPS AT BAR SPLICES IN CONCRETE CONSTRUCTION SHALL BE AS SHOWN ON SHEET SD-1, "CONCRETE LAP SPLICE TABLE", AND NOT LESS THAN 12".
4. LAPS AT BAR SPLICES IN MASONRY CONSTRUCTION SHALL BE AS SHOWN ON SHEET SD-1, "MASONRY LAP SPLICE TABLE", AND NOT LESS THAN 48 db.
5. VERTICAL REINFORCEMENT SHALL BE TIED OR OTHERWISE FIXED IN POSITION AT THE TOP AND BOTTOM AND AT INTERMEDIATE LOCATIONS, SPACED NOT GREATER THAN 192 BAR DIAMETERS (SEE DETAILS FOR FOR OTHER REQMNTS).
6. WALLS, PILASTERS AND COLUMNS SHALL BE DOWELED TO THEIR SUPPORTING FOOTING WITH REINFORCEMENT OF THE SAME SIZE, GRADE AND SPACING AS THE VERTICAL REINFORCEMENT IN THE WALLS, PILASTERS, OR COLUMNS (U.N.O.).
7. BAR SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF "BAR SUPPORT SPECIFICATIONS" AS CONTAINED IN THE LATEST EDITION OF THE "MANUAL OF STANDARD PRACTICE" BY THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI).
8. REINFORCING STEEL DETAILING, BENDING, AND PLACING SHALL BE IN ACCORDANCE WITH THE CRSI "MANUAL OF STANDARD PRACTICE", LATEST EDITION.
9. ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE BEFORE PLACING CONCRETE OR GROUT.
10. WELDING OF CROSSING BARS AND TACK WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED.
11. CONTRACTOR SHALL SUBMIT REINFORCING STEEL SHOP DRAWINGS FOR REVIEW BEFORE FABRICATION AND INSTALLATION
12. WELDING OF ALL REINFORCING STEEL TO STRUCTURAL STEEL SHALL BE LIMITED TO THOSE AREAS SPECIFICALLY SHOWN ON THE PLANS. ANY OTHER WELDING SHALL REQUIRE THE APPROVAL OF THE GOVERNING AGENCY, FIELD INSPECTOR, AND STRUCTURAL ENGINEER.
13. FLARE GROOVE WELDS SHALL, IN ADDITION, TO ALL SPECIFICATIONS LISTED ABOVE COMPLY WITH THE REQUIREMENTS OF THE THIRTEENTH EDITION OF THE "MANUAL OF STEEL CONSTRUCTION - ALLOWABLE STRESS DESIGN" AS PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.

REINFORCED CONCRETE

1. THE MINIMUM 28-DAY CYLINDER STRENGTH SHALL BE PER 2025 CBC SECTION 1904.1, AS FOLLOWS, (U.N.O.).

CONCRETE ELEMENT	f'c
SLAB ON GRADE	2500 PSI
PIERS AND SPREAD FOOTINGS	3000 PSI
RETAINING WALLS AND STRUCTIURAL WALLS	3000 PSI
TOPPING SLAB	4000 PSI
PILES	4000 PSI
GRADE BEAMS	4000 PSI

   ALL CONCRETE REQUIRED TO BE GREATER THAN 2500 PSI SHALL HAVE SPECIAL INSPECTION PER 2025 CBC
2. PORTLAND CEMENT SHALL CONFORM TO ASTM C 150, TYPE I OR II.
3. AGGREGATES FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C 33 AND SHALL BE AS DEFINED IN ACI 318 SECTION 3.3. "A" AGGREGATES FOR LIGHT WEIGHT CONCRETE SHALL CONFORM TO ASTM C 330. STRUCTURAL LIGHT WEIGHT CONCRETE SHALL HAVE A DENSITY RANGE OF 110 TO 115 PCF.
4. ADMIXTURES PER ACI 318 SECTION 3.6 MAY BE USED WITH PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.
5. READY-MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C 94 - MIXING & PLACING OF CONCRETE.
6. MINIMUM CONCRETE COVER (IN INCHES) FOR REINFORCING STEEL IN NONPRESTRESSED CAST-IN-PLACE CONCRETE SHALL BE AS FOLLOWS:

LOCATION	MIN. COVER (IN.)
A. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3
B. FORMED SURFACES EXPOSED TO EARTH OR WEATHER:	
#6 THROUGH #18 BARS	2
#5 BARS, 5/8 INCH WIRE, AND SMALLER	1 1/2
C. NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND:	
#14 AND #18 BARS	1 1/2
#11 AND SMALLER (SLABS, WALLS, JOISTS):	3/4
PRIMARY REINFORCEMENT, STIRRUPS, TIES OR SPIRALS (BEAMS, GIRDERS, COLUMNS)	1 1/2

7. SLEEVES, PIPES AND CONDUITS SHALL NOT BE PLACED THROUGH CONTINUOUS OR SPREAD FOOTINGS, GRADE BEAMS, PILE CAPS OR TIE BEAMS UNLESS SHOWN IN APPROVED BY STRUCTURAL ENGINEER AND SHOWN IN STRUCTURAL DETAILS.
8. ALL SLEEVES THROUGH BEAMS, GIRDERS AND FOUNDATION WALLS SHALL BE INSTALLED AND SECURED IN POSITION PRIOR TO PLACING CONCRETE. EXCEPT AS SHOWN ON STRUCTURAL DRAWINGS, SLEEVING SHALL NOT BE PERMITTED UNLESS APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER.
9. CONDUIT SHALL NOT BE PLACED IN ANY CONCRETE SLAB LESS THAN 3- 1/2 " THICK. IF CONDUIT IS PLACED IN CONCRETE SLAB, ITS OUTSIDE DIAMETER SHALL NOT BE GREATER THAN ONE THIRD OF THE SLAB THICKNESS.
10. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4 INCH (U.N.O.)
11. FRAMING CONTRACTOR TO VERIFY LOCATION OF HOLDOWNS PRIOR TO POURING OF CONCRETE FOUNDATIONS.
12. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS, OR GROUNDS REQUIRED TO BE CAST IN THE CONCRETE AND FOR EXTENT OF DEPRESSIONS, CURBS, AND RAMPS.
13. ALL VERTICAL SURFACES OF CONCRETE ABOVE FINISHED GRADE SHALL BE FORMED.
14. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS DUE TO ARCHITECTURAL C.I.P. CONCRETE.
15. SLAB ON GRADE IS NOT DESIGNED AS A STRUCTURAL DIAPHRAGM (U.N.O.).
16. NO SOILS REPORT PROVIDED FOR THIS PROJECT. MINIMUM SOILS DESIGN VALUES SHALL BE PER CBC TABLE 1804.2 ASBP = 1,500 psf.

    SOILS DESIGN VALUES ARE SUMMARIZED HERE ON, IN THE "SOILS" NOTES SECTION.

SOILS

SOILS VALUES:	
ALLOWABLE BEARING CAPACITY	1,500 PSF (CBC PRESCRIPTIVE MIN.)
PASSIVE EARTH PRESSURE	43 PCF
LATERAL BEARING PRESSURE	150 PSF
COEFFICIENT OF FRICTION	0.30
BEARING MATERIAL	RECOMPACTED SOIL
MIN. FTG. DEPTH IN BEARING MATERIAL	2'-0"

WOOD

1. SAWN LUMBER SHALL BE DOUGLAS FIR- LARCH CONFORMING TO THE 2025 CBC SECTION 2303 AND AFPA/AWC NDS-2018 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (AND CONSTRUCTION (AND SUPPLEMENT) REVISED 2018, AND SHALL BE GRADE MARKED BY EITHER WCLIB OR WWPA.
2. SAWN STRUCTURAL FRAMING MEMBERS SHALL BE AS FOLLOWS (U.N.O):

MEMBERS	GRADE
2x WALL STUDS @ 16"	D.F. #2
2x FLOOR JOISTS & ROOF RAFTERS	D.F. #1
BEAMS & HEADERS (4x, 6x, 8x)	D.F. #1
POSTS (4x, 6x, 8x)	D.F. #1

3. ALL SILL PLATES BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED DOUGLAS FIR.
4. ALL SILLS PLATES BEARING ON CONCRETE OR MASONRY SHALL HAVE ANCHOR BOLTS PER SHEARWALL SCHEDULE. ELSEWHERE, INSTALL 5/8" x 12" LONG L-BOLTS (9" MIN.EMBEDMENT INTO FTG.) PLACED WITHIN 12" MAX. (4-1/2" MIN.) FROM EACH END OR SPLICE, WITH 48" MAX. SPACING, MIN. 2 ANCHOR BOLTS PER EACH PANEL.
5. SILL PLATES OF INTERIOR, NON-BEARING, NON-SHEAR WALLS MAY BE FASTENED TO A CONCRETE SLAB USING HILTI "X-ZF72" LOW VELOCITY POWDER-ACTUATED FASTENERS (ICC-ESR-1663). CONCRETE SLAB IS TO BE NORMAL WEIGHT CONCRETE AND CURED AT LEAST 7 DAYS. PLACE FASTENERS 6" FROM ENDS OF SILL AND AT 36" (MAX.) SPACING BETWEEN.
6. ORIENTED STRAND BOARD AND PLYWOOD SHEATHING SHALL CONFORM TO:
   U.S. PRODUCT STANDARDS PS1-09 OR PS2-10, APA PERFORMANCE STANDARD PRP 108, AND 2025 CBC 2303.1.5 U.N.O., THE MINIMUM GRADES AND SPAN INDEXES SHALL BE AS FOLLOWS:

USE	MIN. GRADE	SPAN RATING
ROOF SHEATHING	APA RATED SHEATHING, EXP. 1	24" MIN
FLOOR SHEATHING	APA-RATED STURDI-FLOOR T&G	24" MIN.
WALL SHEATHING	PER SHEARWALL SCHEDULE, MIN. APA RATED SHEATHING, EXP. 1	(N/A)

7. GLUED LAMINATED TIMBERS SHALL BE FABRICATED IN ACCORDANCE WITH ANSI/AITC A190.1-2052 "STRUCTURAL GLUED LAMINATED TIMBER', AITC 117 OR APA-EWS 117, AND ASTM D3737-89a. EXTERIOR GLUE TO BE USED WITH INTENDED DRY USE CONDITION PER 2025 NDS SECT 5.1.4.1. COMBINATIONS AND USES SHALL BE AS FOLLOWS:

KEY	COMBINATION NO.	USE
24F-V4	EWS 24F-V4 DF/DF	SIMPLE SPAN
24F-V8	EWS 24F-V8 DF/DF	CONTINUOUS & CANTILEVERS

8. FOR STRUCTURAL GLUE-LAMINATED TIMBER MEMBERS, AN AITC CERTIFICATION OF CONFORMANCE OR A CERTIFICATE OF CONFORMANCE ISSUED BY A CURRENT ICBO APPROVED QUALITY CONTROL AGENCY, MUST BE SUBMITTED TO THE BUILDING INSPECTOR PRIOR TO INSTALLATION. THE MAXIMUM MOISTURE CONTENT OF THE LAMINATIONS AT TIME OF MANUFACTURE SHALL NOT EXCEED 16% FOR DRY CONDITIONS OF USE.
9. LVL, PSL, AND LSL ENGINEERED WOOD MEMBERS SHALL BE PER TRUSJOIST MACMILLAN & ICC -ESR-1387. MICROLLAMS, PARALLAMS, AND TIMBERSTRAND RESPECTIVELY. ALTERNATE MUST BE ICC-APPROVED AND REVIEWED BY STRUCTURAL ENGINEER.
10. WOOD I-JOISTS SHALL BE IN COMPLIANCE WITH THE FOLLOWING STANDARDS:

I-JOIST MANUF.	STANDARDS
TRUS-JOIST MACMILLAN	ICC-ESR-1387 (TJI, TJI/PRO MEMBERS)
ALL OTHERS	ASTM D5055, APA FORM QM-3005

11. FRAMING ANCHORS, POST CAPS, COLUMN BASES, AND OTHER CONNECTORS SPECIFIED ON DRAWINGS SHALL BE AS MANUFACTURED BY "SIMPSON STRONG-TIE" OR AN ENGINEER-APPROVED EQUAL. ALL CONNECTORS TO BE FULLY NAILED OR BOLTED AS SPECIFIED PER MANUF.
12. BARS AND PLATES SHALL CONFORM TO ASTM A36. BOLTS, UNLEADED BOLTS, WASHERS AND DRIFT BOLTS SHALL CONFORM TO ASTM A 307.
13. NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 563, GRADE A.
14. ALL BOLT HEADS (MACHINE AND LAG) AND NUTS BEARING ON WOOD SHALL HAVE STANDARD WASHERS, U.N.O.
15. MACHINE BOLT (THRU-BOLT) HOLES IN WOOD SHALL BE DRILLED A MINIMUM 1/32" & MAXIMUM 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER
16. LEAD HOLES FOR LAG SCREWS GREATER THAN 3/8" SHALL BE BORED AS FOLLOWS:
    40 % - 70% OF THE SHANK DIAMETER AND A LENGTH EQUAL TO AT LEAST THE LENGTH OF THE THREADED PORTION. CLEARANCE HOLES FOR THE SHANK SHALL HAVE THE SAME DIAMETER AS THE SHANK, AND THE SAME DEPTH OF PENETRATION AS THE LENGTH OF UNTHREADED SHANK. LAG SCREWS SHALL BE INSERTED BY TURNING WITH A WRENCH, NOT BY DRIVING WITH A HAMMER.
17. NAILING OF SAWN MEMBERS SHALL CONFORM TO THE 2025 CBC TABLE 2304.10.1 ON SN-2, U.N.O. ON THE STRUCTURAL DETAILS.
18. NAILS HOLES SHALL BE PRE-DRILLED WHEN NECESSARY TO PREVENT SPLITTING.
19. CUSTOM STEEL HARDWARE CONNECTORS FOR WOOD OR GLUED LAMINATED TIMBER SHALL BE FABRICATED FROM STEEL CONFORMING TO ASTM A 36. WELDS SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1-2010.
20. HORIZONTAL DIAPHRAGM NAILING SHALL CONFORM TO 2025 CBC TABLE 2306.2(1) STRUCTURAL PANEL SHEARWALLS SHALL CONFORM TO 2025 CBC TABLE 2306.3(1) NOMENCLATURE IS DEFINED AS FOLLOWS (PER DETAILS):
    BN = BOUNDARY NAILING AT DIAPHRAGM BOUNDARIES, AND AT EDGES OF OPENINGS
    EN = EDGE NAILING, AT CONTINUOUS PANEL EDGES
    FN = FIELD NAILING, AT INTERMEDIATE FRAMING MEMBERS
21. WHERE DIAPHRAGM BLOCKING IS SPECIFIED FOR ROOFS OR FLOORS, USE 2x4 FLAT BLOCING WITH "Z" CLIPS, U.N.O.
22. HORIZONTAL SHEATHING SHALL BE CONTINUOUS OVER TWO OR MORE SPANS, AND THE FACE GRAIN (LONG DIRECTION) OF SHEATHING SHALL BE PERPENDICULAR TO SUPPORT MEMBERS.
23. SIMPLE SPAN WOOD MEMBERS, NOT SHOP CAMBERED, SHALL BE ERECTED WITH THE NATURAL CAMBER UP. FOR CANTILEVERED WOOD MEMBERS, CONSULT WITH PROJECT STRUCTURAL ENGINEER.

WOOD CONT.

24. SPECIAL PROVISIONS FOR SHEAR WALLS WITH SHEATHING ON BOTH SIDES (WHERE SPECIFICALLY INDICATED ON PLANS):
    A. SILL PLATE SHALL BE 3x P.T.D.F. MIN.
    B. ALL STUDS AND BLOCKING AT PANEL EDGES SHALL BE 3x MIN.
    C. ALL OTHER INTERMEDIATE STUDS SHALL BE 2x @ 16"
    D. END POSTS (OR COLUMNS) SHALL BE AS SPECIFIED ON THE DRAWINGS.
    E. BOTH VERTICAL AND HORIZONTAL INTERIOR PANEL JOINTS ON OPPOSITE SIDES OF THE WALL SHALL BE STAGGERED.
    F. THE SHEATHING ON THE FIRST SIDE MUST BE NAILED BEFORE THE FRAMING INSPECTION. THE SHEATHING ON THE OTHER SIDE MUST BE INSTALLED AND INSPECTED PRIOR TO INSTALLATION OF WALL SURFACE COVERING.
    G. NO PENETRATIONS OR NOTCHES ARE PERMITTED OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS.
25. PROVIDE DOUBLE 2x STUDS TO SUPPORT ALL BEAMS, UNLESS POSTS ARE SPECIFIED ON THE PLANS.
26. DOUBLE BLOCK UNDER ALL POSTS. DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS, UNLESS OTHERWISE SPECIFIED.
27. TOP PLATES OF ALL WOOD STUD WALLS SHALL BE 2-2x (SAME WIDTH AS STUDS), LAP 48"(MIN.), WITH AT LEAST 12-16d NAILS AT EACH SIDE OF LAP AND NOT MORE THAN 6" BETWEEN NAILS (SEE PLANS IF STRAPS ARE REQUIRED).
28. NOTCHING OF BEAMS OR JOISTS SHALL BE PERMITTED ONLY PER 2025 NDS SECTION 3.2.3.2, DETAILED AND APPROVED BY THE ENGINEER. HOLES DRILLED IN JOISTS SHALL NOT BE WITHIN 2 INCHES OF THE TOP OR BOTTOM OF THE JOIST, AND THE DIAMETER SHALL NOT EXCEED ONE THIRD THE DEPTH OF THE JOIST.
29. MOISTURE CONTENT OF SAWN LUMBER AT TIME OF PLACEMENT SHALL NOT EXCEED 19%
30. DIAPHRAGM SHEATHING NAILS OR OTHER APPROVED SHEATHING CONNECTORS SHALL BE DRIVEN SO THAT THEIR HEAD OR CROWN IS FLUSH WITH THE SURFACE OF THE SHEATHING.
31. ALL FASTENERS IN PRESERVATIVE-TREATED & FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER. THE COATING WEIGHTS FOR ZINC-COATED FASTENERS SHALL BE IN ACCORDANCE WITH ASTM A 153. FASTENERS OTHER THAN NAILS, TIMBER RIVETS, WOOD SCREWS AND LAG SCREWS SHALL BE PERMITTED TO BE OF MECHANICALLY DEPOSITED ZINC COATED STEEL WITH COATING WEIGHTS IN ACCORDANCE WITH ASTM B 695, CLASS 55 MINIMUM.
32. ROOF DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING. FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORTS. FLOOR SHALL HAVE TONGUE AND GROOVE OR BLOCKED PANEL EDGES. PLYWOOD SPANS SHALL CONFORM TO 2018 NDS & 2022 CBC REQUIREMENTS.
33. ALL DIAPHRAGM AND SHEAR WALL NAILING SHALL UTILIZE COMMON NAILS OR GALVANIZED BOX.

FIRE PROOFING

1. PROVIDE A CLASS A ROOF COVERING FOR ALL BUILDINGS.
2. ALL VALLEY FLASHINGS SHALL BE NOT LESS THAN 0.019 (0.48 mm) (NO. 26 GALVANIZED SHEET GAGE) CORROSION-RESISTANT METAL INSTALLED OVER A MINIMUM 36 INCH-WIDE (914 mm) UNDERLAYMENT CONSISTINT OF ONE LAYER NO. 72 ASTM CAP SHEET RUNNING THE FULL LENGTH OF THE VALLEY. (705A.3)
3. ROOF GUTTERS SHALL BE PROVIDED WITH THE MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS IN THE GUTTER. (705A.4)
4. ROOF VENTS SHALL RESIST THE INTRUSION OF FLAME AND EMBERS INTO THE ATTIC AREA OF THE STRUCTURE, OR SHALL BE PROTECTED BY CORROSION-RESISTANT, NONCOMBUSTIBLE WIRE MESH WITH 1/4-INCH (6mm) OPENINGS OR ITS EQUIVALENT. VENTS SHALL NOT BE INSTALLED IN EAVES AND CORNICES. (706A.1, 706A.2, 706A.3, 7207.3)
5. EAVES AND SOFFITS SHALL MEET THE REQUIREMENTS OF SFM 12-7A-3 OR SHALL BE PROTECTED BY IGNITION-RESISTANT MATERIALS OR NONCOMBUSTABLE CONSTRUCTION ON THE EXPOSED UNDERSIDE. (707A.5.5)
6. EXTERIOR WALLS SHALL BE APPROVED NONCOMBUSTIBLE OR IGNITION-RESISTANT MATERIAL, HEAVY TIMBER OR LOG WALL CONSTRUCTION OR SHALL PROVIDE PROTECTION FROM THE INTRUSION OF FLAMES AND EMBERS IN ACCORDANCE WITH STANDARD SFM 12-7A-1 (704A.3.1)
7. EXTERIOR WALL COVERINGS SHALL EXTEND FROM THE TOP OF FOUNDATION TO THE ROOF, AND TERMINATE 2-INCH (50.8 mm) NOMINAL SOLID WOOD BLOCKING BETWEEN RAFTERSAT ALL ROOF OVERHANGS, OR IN CASE OF ENCLOSED EAVES, TERMINATE AT THE ENCLOSURE. (704A.3.1)
8. EXTERIOR WINDOWS, WINDOW WALLS, GLAZE DOORS, AND GLAZED OPENINGS WITHIN EXTERIOR DOORS SHALL BE INSULATING-GLASS UNITS WITH A MINIMUM OF ONE TEMPERED PANE, OR GLASS BLOCK UNITS OR HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO ASTM E 2010, OR CONFORM TO THE PERFORMANCE REQUIREMENTS OF SFM 12-7A-2 (708A.2.1)
9. EXTERIOR DOOR ASSEMBLIES SHALL CONFORM TO THE PERFORMANCE REQUIREMENTS OF STANDARD SFM 12-7A-1 OR SHALL BE APPROVED NONCOMBUSTIBLE CONSTRUCTION, OR SOLID CORE WOOD HAVING STILES AND RAILS NOT LESS THAN 1 3/8 INCHES THICK WITH INTERIOR FIELD PANEL THICKNESS NO LESS THAN 1 1/4 INCHES THICK, OR SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED ACCORDING TO ASTM E 2074. (EXCEPTION: NONCOMBUSTIBLE OR EXTERIOR FIRE RETARDANT TREATED WOOD VEHICLE ACCESS DOORS) (708A.3)
10. DECKING, SURFACES, STAIR TREADS, RISERS, AND LANDINGS OF DECKS, PORCHES, AND BALCONIES WHERE ANY PORTION OF SUCH SURFACE IS WITHIN 10 FEET (304.8 mm) OF THE PRIMARY STRUCTURE SHALL BE CONSTRUCTED OF HEAVY TIMBER, NON-COMBUSTIBLE OR OTHER APPROVED MATERIALS PER SEC. 709A.3.
11. THE UNDERSIDE OF CANTILEVERED AND OVERHANGING APPENDAGES AND FLOOR PROJECTIONS SHALL MAINTAIN THE IGNITION-RESISTANT INTEGRITY OF THE EXTERIOR WALLS, OR THE PROJECTION SHALL BE ENCLOSED TO THE GRADE. (707A.8)

GENERAL NOTES

1. ALL CONSTRUCTION, INCLUDING MATERIAL AND WORKMANSHIP, SHALL CONFORM TO THE PROVISIONS OF THE 2025 EDITION OF THE CALIFORNIA BUILDING CODE (CBC), WITH THE GOVERNING AGENCY AMENDMENTS AND STANDARDS REFERENCED THEREIN. WHEREVER CODE OR IBC IS REFERENCED IN THE FOLLOWING GENERAL NOTES OR OTHER NOTE SECTIONS, IT SHALL IMPLY THE IBC REFERENCED ABOVE. ALL PROJECTS LOCATED IN THE STATE OF CALIFORNIA SHALL CONFORM TO THE 2025 CALIFORNIA BUILDING CODE (CBC) AND REFER TO THE CBC IN LIEU OF THE AFOREMENTIONED CBC.
2. ALL ASTM STANDARDS LISTED HEREIN SHALL BE AS REFERENCED IN THE LATEST ISSUE OF THE THE ANNUAL BOOK OF STANDARDS OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).
3. THE CONTRACTORS SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS PRIOR STARTING WORK. THE ARCHITECT AND STRUCTURAL ENGINEER SHALL IMMEDIATELY BE NOTIFIED IN WRITING OF DISCREPANCIES.
4. ALL OMISSIONS AND/OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER, ARCHITECT, AND FIELD INSPECTOR. THE ARCHITECT OR STRUCTURAL ENGINEER SHALL PROVIDE A SOLUTION PRIOR TO PROCEEDING WITH ANY WORK AFFECTED BY THE CONFLICT OR OMISSION.
5. IN CASE OF CONFLICT, NOTES AND DETAILS OF THESE STRUCTURAL DRAWINGS SHALL TAKE PRECEDENCE OVER THESE GENERAL NOTES AND/OR STANDARD DETAILS SHOWN ON SHEET SD-1. TYPICAL DETAILS SHALL BE USED WHENEVER APPLICABLE.
6. IF A SPECIFIC DETAIL IS NOT SHOWN FOR ANY PART OF THE WORK, THE CONSTRUCTION SHALL BE THE SAME AS FOR SIMILAR WORK.
7. WORKING DIMENSIONS SHALL NOT BE SCALED FROM PLANS, SECTIONS OR DETAILS ON THESE STRUCTURAL DRAWINGS.
8. THE CONTRACTORS SHALL PROVIDE AND MAINTAIN ADEQUATE SHORING AND BRACING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION.
9. PIPES, DUCTS, SLEEVES, OPENINGS, POCKETS, BLOCK-OUTS, etc. SHALL NOT BE PLACED IN SLABS, BEAMS, GIRDERS, COLUMNS, WALLS, FOUNDATIONS, etc. NOR SHALL ANY STRUCTURAL MEMBER BE CUT FOR SUCH ITEMS, UNLESS SPECIFICALLY DETAILED ON THESE STRUCTURAL DRAWINGS. IF ANY PIPES, DUCTS, CONDUIT, etc. ARE PLACED THAT ARE NOT SHOWN ON THESE STRUCTURAL DRAWINGS, THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE NOTIFIED (SEE PARAGRAPH 4 ABOVE).
10. ANCHOR BOLTS OR INSERTS FOR EQUIPMENT ANCHORAGE OR INSTALLATION SHALL BE DESIGNED FOR SEISMIC ZONE E BY A CIVIL ENGINEER OR STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA AND SHALL BE IDENTIFIED ON THE MECHANICAL OR ELECTRICAL SHOP DRAWINGS.
11. THE CONTRACTORS SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTORS SHALL DEFEND, INDEMNIFY, AND HOLD THE STRUCTURAL ENGINEER FREE AND HARMLESS FROM ALL CLAIMS, DEMANDS AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE STRUCTURAL ENGINEER.
12. IF THE CONTRACTOR PROPOSES ANY SUBSTITUTION, NEW CALCULATIONS AND DETAILS MAY HAVE TO BE PREPARED, EXISTING DETAILS MAY HAVE TO BE ALTERED, AND NEW DRAWINGS MAY HAVE TO BE SUBMITTED TO THE BUILDING DEPT. THE CONTRACTOR SHALL PAY THE STRUCTURAL ENGINEER'S FEES TO ALTER THE APPROVED PLANS. THE CONTRACTOR SHALL ALSO PROCESS THE REVISED PLANS REFLECTING ALL SUBSTITUTIONS THROUGH THE APPROPRIATE OFFICE OF ALL GOVERNING AGENCIES.
13. CONTRACTORS RESPONSIBLE FOR THE CONSTRUCTION OF A WIND OR SEISMIC FORCE RESISTING SYSTEM/COMPONENT LISTED IN THE "STATEMENT OF SPECIAL INSPECTION" SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE LOCAL BUILDING JURISDICTION INSPECTORS AND THE OWNER PRIOR TO THE COMMENCEMENT OF THE WORK ON SUCH SYSTEM OR COMPONENT PER SEC 1709.1.
14. CONTINUOUS SPECIAL INSPECTION BY A REGISTERED DEPUTY INSPECTOR IS REQUIRED FOR FIELD WELDING, CONCRETE STRENGTH f'c> 2500 psi, HIGH STRENGTH BOLTING, SPRAYED ON FIREPROOFING,ENGINEERED MASONRY, HIGH LIFT GROUTING,PRE-STRESSED CONCRETE, HIGH LOAD DIAPHRAGMS AND SPECIAL MOMENT-RESISTING CONCRETE FRAMES.(1704 & CHAP. 19, 21 & 22)
15. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR WOOD SHEAR WALLS, SHEAR PANELS, AND DIAPHRAGMS, INCLUDING NAILING, BOLTING, ANCHORING, AND OTHER FASTENING TO COMPONENTS OF THE SEISMIC FORCE RESISTING SYSTEM. SPECIAL INSPECTION BY A DEPUTY INSPECTOR IS REQUIRED WHERE THE FASTENER SPACING OF THE SHEATHING IS 4 INCHES ON CENTER OR LESS. (1707.12.2)
16. A COPY OF ICC-ES-ESR REPORT AND/OR CONDITIONS OF LISTING SHALL BE AT THE JOB SITE.

SHEET INDEX:

SN-1 STRUCTURAL NOTES
SN-2 STRUCTURAL NOTES
S-1 FOUNDATION PLAN
S-2 FRAMING PLAN
SD-1 TYPICAL STRUCTURAL DETAILS
SD-2 FOUNDATION DETAILS
SD-3 STRUCTURAL DETAILS

REGISTERED

STRUCTURAL OBSERVATION PROGRAM:

STRUCTURAL OBSERVATION SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 1704.6 OF THE CALIFORNIA BUILDING CODE (2025) FOR THIS PROJECT. STRUCTURAL OBSERVATION MEANS VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS AT SIGNIFICANT CONSTRUCTION STAGES AND THE COMPLETION OF THE STRUCTURAL SYSTEM.

NAME OF THE PERSON RESPONSIBLE TO PERFORM THE REQUIRED STRUCTURAL OBSERVATIONS:

NAME: RANDY TOEDTER
TITLE: ENGINEERING MANAGER
LICENSE OR REGISTRATION NO.: SE 2991
ADDRESS: 603 E MAIN STREET STE. A, PO BOX 1025, SANTA PAULA, CA 93061
PHONE NO.:(805) 671-9811

STRUCTURAL OBSERVATION REQUIREMENTS:

1. PRE-CONSTRUCTION MEETING PRIOR TO CONSTRUCTION COMMENCEMENT. THE STRUCTURAL OBSERVER, AS OWNER'S REPRESENTATIVE, SHALL ATTEND THE SITE PRE-CONSTRUCTION MEETING. A PORTION OF THE MEETING WILL BE DEDICATED FOR THE STRUCTWILLURAL OBSERVER TO IDENTIFY THE MAJOR STRUCTURAL ELEMENTS AND CONNECTIONS THAT AFFECT VERTICAL AND LATERAL LOAD SYSTEMS OF THE STRUCTURE, OUTLINE THE SCHEDULE FOR STRUCTURAL OBSERVATIONS AND WORK AFFECTED BY THE CONFLICT OR OMISSION.

   THOSE REQUIRED TO ATTEND THE PRE-CONSTRUCTION MEETING INCLUDE:
   a. OWNER OR OWNER'S REPRESENTATIVE;
   b. ENGINEER OR ARCHITECT RESPONSIBLE FOR STRUCTURAL DESIGN;
   C. STRUCTURAL OBSERVER;
   d. GENERAL CONTRACTOR;
   e. AFFECTED SUBCONTRACTORS;
   f. SPECIAL INSPECTOR;
   g. BUILDING INSPECTOR

2. STRUCTURAL ELEMENTS REQUIRING OBSERVATION: THE FOLLOWING STRUCTURAL ELEMENTS WILL REQUIRE STRUCTURAL OBSERVATION:

ELEMENT	ITEMS TO BE OBSERVED
☒ FOUNDATIONS	SIZE, GRADE, & PLACEMENT OF REINFORCEMENT, ANCHOR BOLT SIZE & SPACING AND HOLD-DOWN ANCHOR SIZE & LOCATION.
☒ PILES AND GRADE BEAMS	SIZE, GRADE, & PLACEMENT OF REINFORCEMENT, AND STRENGTH OF CONCRETE MIX
☒ SHEARWALLS (WOOD)	PANEL THICKNESS & LENGTH, NAIL SIZE & SPACING, ANCHOR BOLT WASHERS, HOLD-DOWN ANCHORS AND SHEAR TRANSFER ELEMENTS
☐ RETAINING WALL	SIZE, GRADE, & PLACEMENT OF REINFORCEMENT, AND STRENGTH OF CONCRETE MIX
☒ STRUCTURAL STEEL	CANTILEVER COLUMN AND STEEL BENT
☒ DIAPHRAGMS AND DRAG TIES	PANEL THICKNESS, NAIL SIZE AND SPACING AND STRAP TYPE, LENGTH & NAILING
☒ SHEAR TRANSFER CONNECTIONS	NAIL SIZE & SPACING, BLOCKING ARRANGEMENTS AND MANUFACTURER HARDWARE TYPE & SPACING
☒ VERTICAL LOAD SUPPORTING ELEMENTS	BEAMS, CONNECTIONS, HARDWARE AND COLUMNS
☐ SHORING	SIZE, PLACEMENT OF STRUCTURAL STEEL & REINFORCING

3. WRITTEN VERIFICATION OF STRUCTURAL OBSERVATION – THE STRUCTURAL OBSERVER SHALL PREPARE A REPORT FOR EACH STAGE OF CONSTRUCTION OBSERVED. OBSERVED DEFICIENCIES SHALL BE CLEARLY NOTED ON THE REPORT AND ALL REMEDIAL ACTION REQUIRED TO CORRECT THE CONDITION SHALL BE ATTACHED THERETO. REMEDIAL WORK MAY REQUIRE REVIEW AND APPROVAL BY BY THE BUILDING DEPARTMENT. AFTER THE REMEDIAL WORK IS COMPLETE THE STRUCTURAL OBSERVER SHALL INDICATE THAT THE WORK WAS COMPLETED TO THE SATISFACTION OF THE STRUCTURAL OBSERVER.

   COPIES OF ALL STRUCURAL OBSERVATION FORMS SHALL BE SUBMITTED TO THE FOLLOWING:
   a. OWNER OR OWNER'S REPRESENTATIVE;
   b. ENGINEER OR ARCHITECT RESPONSIBLE FOR STRUCTURAL DESIGN;
   C. BUILDING INSPECTOR (ORIGINAL WITH WET SIGNATURE);
   d. GENERAL CONTRACTOR;
   e. SPECIAL INSPECTOR

4. NO BUILDING & SAFETY DIVISION INSPECTIONS WILL BE PERFORMED PRIOR TO SUBMITTAL OF THE STRUCTURAL OBSERVATION REPORT FOR THAT STAGE OF CONSTRUCTION.

5. STRUCTURAL OBSERVATION DOES NOT WAIVE THE REQUIREMENT FOR THE SPECIAL INSPECTIONS OR BUILDING & SAFETY DIVISION INSPECTIONS AS REQUIRED IN THE BUILDING CODE.

EARTHQUAKE DESIGN DATA

	MAIN BLDG
SEISMIC IMPORTANCE FACTOR (I)	1.0
MAPPED SPECTRAL RESPONSE ACCEL'S (Ss & S1)	2.18 g & 0.73 g
SITE CLASS	D
SPECTRAL RESPONSE COEFFICIENTS (Sds & Sd1)	1.54 g & 1.13 g
SEISMIC RISK CATEGORY	II
SEISMIC DESIGN CATEGORY	E
BASIC SEISMIC-FORCE-RESISTING SYSTEM	A-15 (WOOD SHEAR WALLS)
SEISMIC RESPONSE COEFFICIENT ~ Cs (ASD)	0.268
RESPONSE MODIFICATION FACTORS (R)	6.5
REDUNDANCY FACTOR	1.0
DESIGN BASE SHEAR (ASD)	3,222 LBS
DESIGN LOAD BEARING VALUE OF SOILS	1,500 PSF

SESIMIC BASE SHEER – EQUIVALENT LATERAL FORCE PROCEDURE
(ASCE 7-16 SECTION 12.8.1)

NORTH-SOUTH	=440 PLF
EAST-WEST	=330 PLF
REDUNDANCY COEFFICIENT	=1.3

STRUCTURAL DESIGN LOADS

ROOF DESIGN LOADS:		FLOOR DESIGN LOADS:	
ROOFING	12 PSF	FLOORING DEAD LOAD	2 PSF
SHEATHING	2 PSF	FLOOR SHEATHING	2 PSF
RAFTERS/TRUSSES	3 PSF	FLOOR JOIST/TJI'S	2.5 PSF
CEILING JOISTS	1 PSF	CEILING DRYWALL	2 PSF
SOLAR (NA)	2 PSF	PARTITION LOADS	0 PSF
MISC.	0 PSF	FIRE SPRINKLERS	1.5 PSF
TOTAL ROOF DEAD LOAD	20 PSF	MISC.	0 PSF
TOTAL ROOF LIVE LOAD	20 PSF	TOTAL FLOOR DEAD LOAD	10 PSF
TOTAL ROOF LOADING	**40 PSF**	MEZZANINE LIVE LOAD	125 PSF
		TOTAL FLOOR LOADING	**135 PSF**
		DECK LIVE LOAD	60 PSF

INTERIOR WALLS:
DL = 7 psf

EXTERIOR WALL DEAD LOADS:
DL = 16 PSF

WIND LOADS

(BASED ON ASCE 7-16 SECTION 6.4 MWFRS)

NORTH-SOUTH WIND SPEED	178 PLF
EAST-WEST WIND SPEED	356 PLF
RISK CATEGORY	II
WIND EXPOSURE	B

FASTENING SCHEDULE (TABLE 2304.10.1, 2022 CBC)

	ELEMENT/ CONNECTION ON	FASTENING	LOCATION
		ROOF	
1.	BLOCKING BETWEEN CEILING JOISTS, RAFTERS, OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	3 – 8d COMMON (2 ½" X 0.131") 3 – 10d BOX (3"x0.128") 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL EACH END
	BLOCKING BETWEEN RAFTERS OR TRUSSES NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	2 – 8d COMMON (2 ½" X 0.131") 2 – 3" 14 GAUGE STAPLES 2 – 3"x 0.131" NAILS 2 – 16d COMMON (3 ½" x0.162") 3 – 3" x0.131" NAILS 3 – 3" 14 GAUGE STAPLES	TOENAIL EACH END
	FLAT BLOCKING TO TRUSS AND WEB FILLER	2 – 16d COMMON (3 ½" X 0.162") @ 6" O.C. 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES	END NAIL
2.	CEILING JOIST TO TOP PLATE	3 – 8d COMMON (2 ½" X 0.131") 3 – 10d BOX (3"x0.128") 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL EACH END
3.	*CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, (LAPS OVER PARTITIONS (NO THRUST) (TABLE AND SECTION 2308.7.1)	3 – 16d COMMON 4 – 10d BOX 4 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
4.	CEILING JOIST ATTACHED TO PARALLEL ROOF RAFTER (HEEL JOINT) (TABLE AND SECTION 2308.7.3.1)	TABLE 2308.7.3.1	FACE NAIL
5.	COLLAR TIE TO RAFTER	3 – 10d COMMON 4 – 10d BOX 4 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
6.	RAFTER OR ROOF TRUSS TO TOP PLATE (TABLE AND SECTION 2308.7.5)	3 – 10d COMMON 3 – 16d BOX 4 – 10d BOX 4 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL [C]
7.	ROOF RAFTERS TO RIDGE VALLEY OR HIP RAFTER TO 2" RIDGE BEAM	2 – 16d COMMON 3 – 10d BOX 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, ¾" CROWN	END NAIL
		3 – 10d COMMON 4 – 16d BOX 4 – 10d BOX 4 – 3"x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
		WALL	
8.	STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON	24" O.C. FACE NAIL
		10d BOX 3"x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
9.	STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d COMMON	16" O.C. FACE NAIL
		16d COMMON	12" O.C. FACE NAIL
		3"x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
10.	BUILT UP HEADER	16d COMMON	16" O.C. EACH EDGE, FACE NAIL
		16d BOX	12" O.C. EACH EDGE, FACE NAIL
11.	CONTINUOUS HEADER TO STUD	4 – 8d COMMON 4 – 10d BOX	TOENAIL
12.	TOP PLATE TO TOP PLATE	16d COMMON	16" O.C. FACE NAIL
		10d BOX 3"x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
13.	TOP PLATE TO TOP PLATE AT END JOINTS	8 – 16d COMMON 12 – 10d BOX 12 – 3"x 0.131" NAILS 12 – 3" 14 GAGE STAPLES, 7/16" CROWN	EACH SIDE OF END JOINT, FACE NAIL (MIN. 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT
14.	BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON	16" O.C. FACE NAIL
		16d BOX 3"x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	12" O.C. FACE NAIL
15.	BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING AT BRACED WALL PANELS	2 – 16d COMMON 3 – 10d BOX 4 – 3"x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL
16.	STUD TO TOP OR BOTTOM PLATE	4 – 8d COMMON 4 – 10d BOX 4 – 3"x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
		2 – 16d COMMON 3 – 10d BOX 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
17.	TOP OR BOTTOM PLATE TO STUD	2 – 16d COMMON 3 – 10d BOX 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
18.	TOP PLATES, LAPS AT CORNERS AND INTERSECTION	2 – 16d COMMON 3 – 10d BOX 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
19.	1" BRACE TO EACH STUD AND PLATE	2 – 8d COMMON 3 – 10d BOX 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL
20.	1"x6" SHEATHING TO EACH BEARING	2 – 8d COMMON 2 – 10d BOX	FACE NAIL
21.	1"x8" AND WIDER SHEATHING TO EACH BEARING	3 – 8d COMMON 3 – 10d BOX	FACE NAIL
		FLOOR	
22.	JOIST TO SILL, TOP PLATE, OR GIRDER	3 – 8d COMMON 3 – 10d BOX 3 – 3"x 0.131" NAILS 3 – 3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL
23.	RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL OR OTHER FRAMING BELOW	8d COMMON 10d BOX 3"x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	6" O.C., TOENAIL
24.	1"x6" SHEATHING TO EACH BEARING	2 – 8d COMMON 2 – 10d BOX	FACE NAIL
25.	2" SUBFLOOR TO JOIST OR GIRDER	2 – 16d COMMON	FACE NAIL
26.	2" PLANK	2 – 16d COMMON	EACH BEARING, FACE NAIL
27.	BUILT UP GIRDERS AND BEAMS, 2" LUMBER LAYERS	20d COMMON	32" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
		10d BOX 3"x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	24" O.C. FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
		AND 2 – 20d COMMON 3 – 10d BOX 4 – 3"x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	ENDS AND AT EACH SPLICE, FACE NAIL
28.	LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	3 – 16d COMMON 4 – 10d BOX 4 – 3"x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	EACH JOIST OR RAFTER, FACE NAIL
29.	JOIST TO BAND JOIST OR RIM JOIST	3 – 16d COMMON 4 – 10d BOX 4 – 3"x 0.131" NAILS 4 – 3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL
30.	BRIDGING OR BLOCKING TO JOIST, RAFTER OR TRUSS	2 – 8d COMMON 2 – 10d BOX 2 – 3"x 0.131" NAILS 2 – 3" 14 GAGE STAPLES, 7/16" CROWN	EACH END, TOENAIL
	WOOD STRUCTURE PANS, SUB FLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING [G]		
31.	⅜" – ½"	6d COMMON OR DEFORMED (2"x 0.113" (SUBFLOOR AND WALL) 8d BOX OR DEFORMED (ROOF) 2 7/8"x 0.131" NAIL (SUBFLOOR AND WALL) 1 ¾" 16 GAGE STAPLE, 7/16" CROWN 2 ⅜"x 0.131" NAIL (ROOF) 1 ¾" 16 GAGE STAPLE, ⅞" CROWN (ROOF)	6" EDGE 12" INTERMEDIATE SUPPORT 4" EDGE 6" INTERMEDIATE SUPPORT 3" EDGE 6" INTERMEDIATE SUPPORT
32.	19/32" - ¾"	8d COMMON 6d DEFORMED	6" EDGE 12" INTERMEDIATE SUPPORT
		2-⅜"x 0.131" NAIL 2" 16 GAGE STAPLE, 7/16" CROWN	4" EDGE 6" INTERMEDIATE SUPPORT
33.	⅞" - 1"	10d COMMON 8d DEFORMED	6" EDGE 12" INTERMEDIATE SUPPORT
		OTHER EXTERIOR WALL SHEATHING	
34.	½" FIBERBOARD SHEATHING [B]	1 ¾" GALVANIZED ROOF NAIL 1 ¾" 16 GAGE STAPLE WITH 7/16" OR 1" CROWN	3" EDGE 6" INTERMEDIATE SUPPORT
35.	25/32" FIBERBOARD SHEATHING [B]	1 ¾" GALVANIZED ROOF NAIL 1 ¾" 16 GAGE STAPLE WITH 7/16" OR 1" CROWN	3" EDGE 6" INTERMEDIATE SUPPORT
	WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING		
36.	¾" AND LESS	1 ¾" GALVANIZED ROOF NAIL 1 ¾" 16 GAGE STAPLE WITH 7/16" OR 1" CROWN	3" EDGE 6" INTERMEDIATE SUPPORT
37.	⅞" - 1"	8d COMMON 6d DEFORMED	6" EDGE 12" INTERMEDIATE SUPPORT
38.	1 ⅛" - 1¼"	10d COMMON 8d DEFORMED	6" EDGE 12" INTERMEDIATE SUPPORT
	PANEL SIDING TO FRAMING		
39.	⅜" OR LESS	6d CORROSION-RESISTANT SIDING 6d CORROSION-RESISTANT CASING	6" EDGE 12" INTERMEDIATE SUPPORT
40.	½"	6d CORROSION-RESISTANT SIDING 6d CORROSION-RESISTANT CASING	6" EDGE 12" INTERMEDIATE SUPPORT
	INTERIOR PANELING		
41.	¼"	4d CASING 4d FINISH	6" EDGE 12" INTERMEDIATE SUPPORT
41.	⅜"	6d CASING 6d FINISH	6" EDGE 12" INTERMEDIATE SUPPORT

FOR SI: 1" = 25.4mm.
A. NAIL SPACED AT 6" AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 48" OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICALBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305. NAILS FOR WALL SHEATHING ARE PERMITTED TO COMMON, BOX OR CASTING.
B. SPACING SHALL BE 6" ON CENTER ON THE EDGE AND 12" ON CENTER AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS. PANEL SUPPORTS AT 16" (20" IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL UNLESS OTHERWISE MARKED).
C. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.
D. RSRS-01 IS A ROFF SHEATHING SHANK NAIL MEETING THE SPECIFICATIONS IS ASTM F1667.

SPECIAL INSPECTION SUMMARY:

CONTINUOUS INSPECTION (U.N.O.) SHALL BE PERFORMED BY QUALIFIED SPECIAL INSPECTORS RETAINED BY OWNER AND APPROVED BY THE BUILDING OFFICIAL TO ACT AS A SPECIAL INSPECTOR FOR THE FOLLOWING:

1 CONCRETE
2 BOLTS INSTALLED IN CONCRETE
3 SPECIAL MOMENT-RESISTING CONCRETE FRAME
4 REINFORCING STEEL & PRESTRESSING STEEL TENDONS
5.1 ALL STRUCTURAL WELDING
5.2 SPECIAL MOMENT-RESISTING STEEL FRAME
5.3 WELDING REINFORCING STEEL
6 HIGH-STRENGTH BOLTING
7 STRUCTURAL MASONRY
8 REINFORCED GYPSUM CONCRETE
9 INSULATING CONCRETE FILL
10 SPRAY-APPLIED FIRE-RESISTIVE MATERIALS
11 PILING, DRILLED PIERS & CAISSONS
12 SHOTCRETE

13.1 VERIFY SOILS CONDITIONS ARE SUBSTANTIALLY IN CONFORMANCE WITH THE SOIL INVESTIGATION REPORT
13.2 VERIFY THAT FOUNDATION EXCAVATIONS EXTEND TO PROPER DEPTH AND BEARING STRATA
13.3 PROVIDE SOILS COMPACTION TEST RESULTS, DEPTH OF FILL, RELATIVE DENSITY, BEARING VALUES
13.4 PROVIDE SOIL EXPANSION TEST RESULTS, EXPANSION INDEX, RECOMMENDATIONS FOR FOUNDATION, ON-GRADE FLOOR SLAB DESIGN FOR EACH BUILDING SITE
14 SMOKE-CONTROL SYSTEM
15 SPECIAL CASES (SPECIFIED BY THE BUILDING OFFICAL)
16 OFF-SITE FABRICATION OF BUILDING COMPONENTS
17 OTHER SPECIAL CASES (SPECIFIED BY DESIGNER OF RECORD)

NO.	DESCRIPTION OF TYPE OF INSPECTION REQUIRED, LOCATION, REMARKS, ETC.	DESIGN STRENGTH
1	CONCRETE	f'c > 2,500 psi
2	PERIODIC INSP. BOLTS INSTALLED IN CONCRETE AT SHEAR WALLS (AS REQ'D BY CBC & NDS)	AS REQ'D
13.1	PERIODIC INSP. ON-SITE	AS REQ'D
13.2	PERIODIC INSP. ON-SITE	AS REQ'D
17	PERIODIC INSP. NAILING FOR HIGH CAPACITY WOOD SHEAR WALLS (AS REQ'D BY CBC & NDS)	AS REQ'D

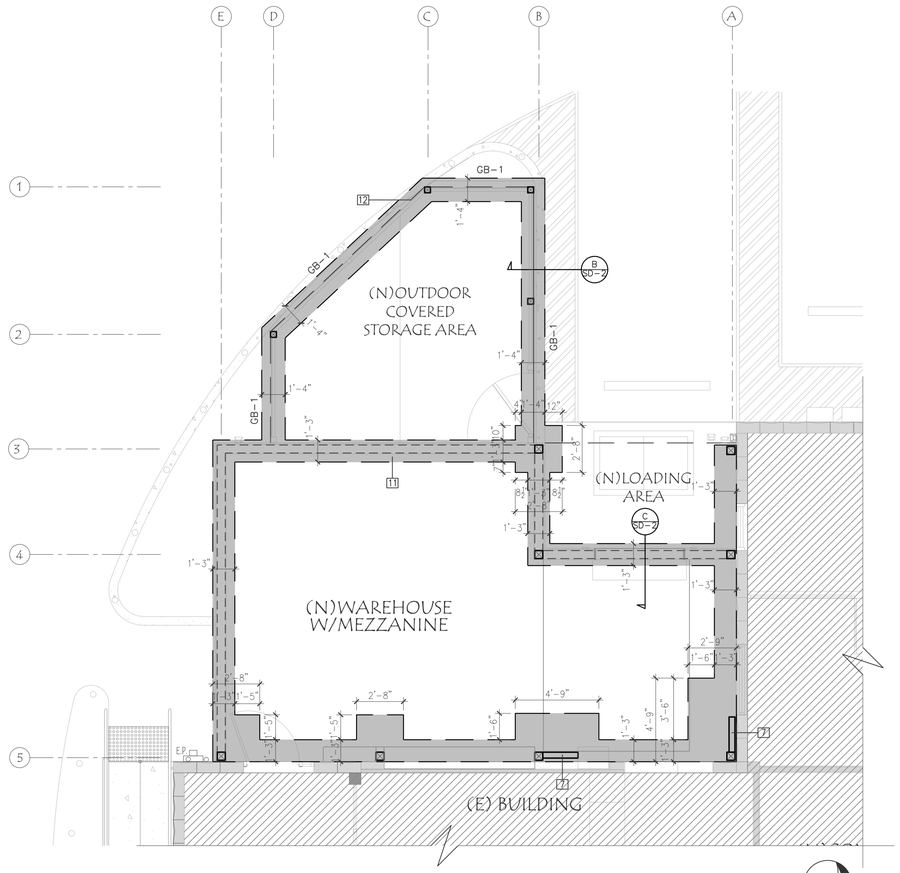
1. THE CONSTRUCTION INSPECTIONS LISTED ARE IN ADDITION TO THE CALLED INSPECTIONS REQUIRED BY CHAPTER 17 OF THE CALIFORNIA BUILDING CODE. SPECIAL INSPECTION IS NOT A SUBSTITUTE FOR INSPECTION BY A CITY INSPECTOR. SPECIALLY INSPECTED WORK WHICH IS INSTALLED OR COVERED WITHOUT THE APPROVAL OF THE CITY INSPECTOR IS SUBJECT TO REMOVAL OR EXPOSURE.
2. SPECIAL INSPECTION TO BE PROVIDED BY: TBD
   NOTE: CONTRACTOR TO VERIFY THAT THE SPECIAL INSPECTOR IS CERTIFIED BY THE LOCAL JURISDICTION'S BUILDING DEPARTMENT, TO PERFORM THE TYPES OF INSPECTION SPECIFIED, PRIOR TO PERFORMING INSPECTIONS.
3. A CERTIFICATE OF SATISFACTORY COMPLETION OF WORK WITH SPECIAL INSPECTION MUST BE COMPLETED AND SUBMITTED TO THE FIELD INSPECTION DIVISION OF THE LOCAL BUILDING JURISDICTION. A REPORT SHALL BE GIVEN TO THE BLDG. INSPECTOR AT FRAMING INSPECTION.
4. WHEN WELDING IS DONE IN AN APPROVED FABRICATORS SHOP, SPECIAL INSPECTION IS NOT REQUIRED. SEE NOTES 5 & 6 BELOW. PERIODIC INSPECTION MAY BE USED FOR SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16". THE SPECIAL INSPECTOR NEED NOT BE CONTINUOUSLY PRESENT DURING WELDING OF THE ABOVE ITEMS PROVIDED THAT THE MATERIAL, QUALIFICATIONS OF WELDING PROCEDURES AND WELDERS ARE VERIFIED PRIOR TO THE START OF WORK. PERIODIC INSPECTIONS ARE MADE OF WORK IN PROGRESS AND A VISUAL INSPECTION OF ALL WELDS IS MADE PRIOR TO SHIPMENT OF SHOP WELDING.
5. AN APPLICATION FOR OFF-SITE FABRICATION MUST BE SUBMITTED TO THE FIELD INSPECTION DIVISION OF THE LOCAL BUILDING JURISDICTION FOR APPROVAL PRIOR TO FABRICATION.
6. A CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION MUST BE COMPLETED AND SUBMITTED TO THE FIELD INSPECTION DIVISION OF THE LOCAL BUILDING JURISDICTION PRIOR TO ERECTION OF PREFABRICATED COMPONENTS.
7. HIGH-STRENGTH BOLT, NUTS AND WASHERS MAY BE REQUIRED TO BE SAMPLED, TESTED AND APPROVED BY THE INSPECTION SERVICES DIVISION OF THE LOCAL BUILDING JURISDICTION PRIOR TO THE INSTALLATION.
8. SPECIAL INSPECTION IS REQUIRED FOR BOLTED CONNECTIONS UTILIZING HIGH-STRENGTH A325 AND A490 BOLTS. SUCH INSPECTIONS SHALL BE IN ACCORDANCE WITH APPROVED NATIONALLY RECOGNIZED STANDARDS AND THE REQUIREMENTS OF CHAPTER 17. WHILE THE WORK IS IN PROGRESS, THE SPECIAL INSPECTOR SHALL DETERMINE THAT THE REQUIREMENTS FOR BOLT, NUTS, WASHERS AND PAINT, BOLTED PARTS, AND THE INSTALLATION AND TIGHTENING IN SUCH STANDARDS ARE MET. SUCH INSPECTIONS MAY BE PERFORMED ON A PERIODIC BASIS IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1704. INSPECTOR SHALL OBSERVE THE CALIBRATION PROCEDURES WHEN SUCH PROCEDURES ARE REQUIRED BY THE PLANS OR SPECIFICATIONS AND SHALL MONITOR THE INSTALLATION OF BOLTS TO DETERMINE THAT PLIES OF CONNECTED MATERIALS HAVE BEEN DRAWN TOGETHER AND THAT THE SELECTED PROCEDURE IS PROPERLY USED TO TIGHTEN ALL BOLTS.
9. FOR WELDED, FULLY RESTRAINED CONNECTIONS BETWEEN PRIMARY MEMBERS OF ORDINARY MOMENT RESISTING FRAMES (OMRF), AND SPECIAL MOMENT RESISTING FRAMES (SMRF).NONDESTRUCTIVE TESTS PER APPROVED NATIONAL STANDARDS, SHALL BE CONDUCTED. ALL COMPLETE PENETRATION GROOVE WELDS CONTAINED IN JOINTS AND SPLICES SHALL BE TESTED 100% EITHER BY ULTRASONIC TESTING OR RADIOGRAPHY. FOR WELDED, FULLY RESTRAINED CONNECTIONS BETWEEN PRIMARY MEMBERS OF OMRF WHICH ARE FABRICATED IN AN APPROVED FABRICATORS SHOP, NONDESTRUCTIVE TESTS SHALL BE CONDUCTED BY A SPECIAL INSPECTION AGENCY APPROVED BY THE LOCAL BUILDING JURISDICTION.

ABBREVIATIONS:

AITC	AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS
AWS	AMERICAN WELDING SOCIETY
CBC	CALIFORNIA BUILDING CODE
UBC	UNIFORM BUILDING CODE
WCLIB	WEST COAST LUMBER INSPECTION BUREAU
WWPA	WESTERN WOOD PRODUCTS ASSOCIATION

AB	ANCHOR BOLT	lb (#)	POUND(S)
ABV	ABOVE	LDGR	LEDGER
ADJ	ADJACENT	LG	LONG(ITUDINAL)
ALT	ALTERNATE	LTWT	LIGHT WEIGHT
AFF	ABOVE FINISHED FLOOR	MAS.	MASONRY
APPROX	APPROXIMATE(LY)	MAT'L	MATERIAL
ARCH	ARCHITECTURAL	MAX	MAXIMUM
@	AT	MB	MACHINE BOLT
BLDG	BUILDING	MECH	MECHANICAL
BLK	BLOCKING	MEZZ	MEZZANINE
BM	BEAM	MF	MOMENT FRAME
BN	BOUNDARY NAILING	MFR	MANUFACTURER
BRG	BEARING	MIN	MINIMUM
BTM (B)	BOTTOM	MISC	MISCELLANEOUS
BTWN	BETWEEN	MTL	METAL
C	CAMBER(ED)	(N)	NEW
CANT	CANTILEVER	NO. (#)	NUMBER
CIP	CAST-IN-PLACE	NTS	NOT TO SCALE
CL	CENTERLINE	OC	ON CENTER
CLG	CEILING	OWJ	OPEN WEB JOISTS
CLR	CLEAR	P/C	PRECAST CONCRETE
COL	COLUMN	PERP (⊥)	PERPENDICULAR
CONC	CONCRETE	PCF	POUNDS PER CUBIC FT.
CONN	CONNECTION	PL	PLATE
CONST	CONSTRUCTION	PLY	PLYWOOD
CTR	CENTER (ED)		
d	PENNY (NAILS)	PMB	PROCESSED MISC. BASE.
DBL	DOUBLE	PSF	POUNDS PER SQUARE FOOT
DEPT	DEPARTMENT		
DF	DOUGLAS FIR	PSI	POUNDS PER SQUARE INCH
DIA (~)	DIAMETER		
DIAG	DIAGONAL	PT	PRESSURE TREATED
DIAPH	DIAPHRAGM	P/T	POST-TENSIONED (PRESTRESSED)
DIM	DIMENSION		
DN	DOWN	QTY	QUANTITY
do	DITTO (REPEAT)	REF	REFERENCE
DP	DEEP (DEPTH)	REINF	REINFORCEMENT
DWG	DRAWING	REQ'D	REQUIRED
EA	EACH	RJ	ROOF JOIST
EF	EACH FACE	RO	ROUGH OPENING
ELEV	ELEVATION	RR	ROOF RAFTER
EMBD	EMBED(MENT)	SCH	SCHEDULE
EN	EDGE NAILING	SW	SHEARWALL
EW	EACH WAY	SHT	SHEET
EXSTG (E)	EXISTING	SIM	SIMILAR
EXT	EXTERIOR	SIMP	SIMPSON
FF	FINISHED FLOOR	SKWD	SKEW(ED)
FIN	FINISH(ED)	SPEC	SPECIFICATIONS
FLG	FLANGE	SQ	SQUARE
FLR	FLOOR	SS	SELECT STRUCTURAL
FN	FIELD NAILING	STD	STANDARD
FND	FOUNDATION	STGR	STAGGER(ED)
FRM'G	FRAME(ING)	STRUCT	STRUCTURAL
FT	FEET	T&B	TOP AND BOTTOM
FTG	FOOTING	T&G	TONGUE AND GROOVE
GA	GAUGE	THK	THICK
GALV	GALVANIZE(D)	THRD	THREAD(ED)
GB	GRADE BEAM	TN	TOE NAIL
GLB	GLUE LAMINATED BEAM	TOF	TOP OF FOOTING
HD	HOLD DOWN	TOW	TOP OF WALL
HDR	HEADER	TOP	TOP OF PARAPET
HGR	HANGER	TS	TUBE STEEL
HORZ (H)	HORIZONTAL	TYP	TYPICAL
HT	HEIGHT	UNO	UNLESS NOTED OTHERWISE
IN (")	INCHES		
INT	INTERIOR	VERT (V)	VERTICAL
JST	JOIST	VIF	VERIFY IN FIELD
K	KIPS (1000)	W	STEEL WIDE FLANGE
KSI	KIPS PER SQUARE INCH	W/	WITH
L	ANGLE	WD	WOOD
LB	LAG BOLT	WT	WEIGHT
		WWF	WELDED WIRE FABRIC

ID #	SHEAR PANEL SCHEDULE (2306.3 2025 CBC and ASCE7-22 VALUES)	BASE SHEAR @ BOTTOM SILL: ANCHOR BOLT SPACING	BASE SHEAR @ BOTTOM SILL: BOTTOM SILL SPACING	TOP PLATE APPLICATION TO JOIST RAFTER ON BLOCK: SIMPSON LPTS	TOP PLATE APPLICATION TO JOIST RAFTER ON BLOCK: SIMPSON A35	ALLOWABLE SHEAR
1	3/8" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 6" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. @ 48" O.C.	16d @ 8" O.C.	30" O.C.	24" O.C.	230 PLF
2	15/32" STRUCTURAL 1 SHEATHING APPLIED DIRECTLY TO FRAMING WITH 8d @ 6" O.C. AT EDGES AND 12" O.C. FIELD	5/8"dia. @ 48" O.C.	16d @ 8" O.C.	24" O.C.	16" O.C.	280 PLF
3



PHASE II - (N) FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

GRADE BEAM SCHEDULE:

GB-#	LONGITUDINAL REINFORCING	STIRRUPS	WIDTH	DEPTH
GB-1	3-#5 T&B	#3 @ 12" O.C.	16"	16"

FOUNDATION SCHEDULE:

P-1	PROVIDE 1"ø (ASTM F1554, GRADE 36) de=12", MIN FOOTING DEPTH=18". PROVIDE 3 #5 EA. WY.
P-2	PROVIDE 1"ø (ASTM F1554, GRADE 36) de=12", MIN FOOTING DEPTH=16". PROVIDE (3) #5 EA. WY.
FTG-1	1'-3" WIDE x 1'-6" DEEP CONT. CONC. FTG. w/ 3-#5 CONT. REINF. T&B

SIMPSON WSWH SCHEDULE:

WSWH 24x10	

CONSTRUCTION NOTES:

1. PROVIDE ⅝"ø ANCHOR BOLTS @ 32" O.C. PER SHEAR WALL SCHEDULE
2. PROVIDE ⅝"ø ANCHOR BOLTS @ 16" O.C. PER SHEAR WALL SCHEDULE
3. PROVIDE ⅝"ø ANCHOR BOLTS @ 12" O.C. PER SHEAR WALL SCHEDULE
4. PROVIDE MSTA48 ON 6x6 POST
5. PROVIDE 4x4x¼" STRUCTURAL TUBE METAL POST - ASTM A500 GRADE B
6. PROVIDE 6x6 DF-L #1 SOLID WOOD POST
7. PROVIDE WSWH24x10
8. PROVIDE HDU4 - SDS2.5 ON 6x6 POST w/SSTB16
9. PROVIDE HDU5 - SDS2.5 ON 6x6 POST w/SSTB24
10. PROVIDE HDU11 - SDS2.5 ON 6x6 POST w/SSTB34
11. PROVIDE 6" CONCRETE SLAB ON GRADE w/#4 @ 18" O.C. EACH WAY OVER 2" SAND OVER 10 MIL. VAPOR BARRIER OVER 2" SAND 2'-8" SQ. x 18" DEEP w/3-#5 EA. WAY
12. PROVIDE 4" CONCRETE SLAB ON GRADE w/ #4 @ 18" O.C. EACH WAY OVER 4" SAND 16" x 16" DEEP GRADE BEAM w/3-#5 TOP & BOT. AND #3 STIRRUPS @ 12" O.C.

ADDITIONAL NOTES:

1. ALL EXTERIOR STUD WALLS SHALL BE 2x6 @ 16" O.C. (10' MAX HT.) U.N.O.
2. USE 3" SQ x 0.229" PLATE WASHERS W/ALL ANCHOR BOLTS
3. ALL HOLD DOWN ANCHORS SHALL BE SIMPSON 'SB' TYPE, F1554 GR 36 U.N.O.
4. SOIL COMPACTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
5. SOIL ENGINEER SHALL INSPECT FOUNDATION PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION. INSPECTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
6. ALL HOLD-DOWNS AND ANCHOR BOLTS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION INSPECTION.
7. ALL SILL ANCHORAGE SHALL BE ⅝" ø A.B. @ 48" O.C. MIN. U.N.O. ON SHEAR WALL SCHEDULE.

PLAN LEGEND:

- PROPOSED 4x4 MTL. POST, SECURE TO BTM. PL. W/ A35 CLIP EA SIDE (4 TOTAL), U.N.O.
- PROPOSED 6x6 POST, SECURE TO BTM. PL. W/ A35 CLIP EA SIDE (8 TOTAL), U.N.O.
- 'HUCO' FACE MOUNT HANGER TO MATCH BEAM DEPTH U.N.O.
- PROPOSED HOLD DOWN & POST PER PLAN U.N.O.
- PROPOSED SHEAR WALL & ANCHORAGE PER PLAN
- e⅛/B 2 L=12'-0"
- PROPOSED CONTINUOUS CONCRETE FOOTING PER PLAN
- PROPOSED BEAM/HEADER

FOUNDATION PLAN

REGISTERED PROFESSIONAL ENGINEER ROBERT W. MORRIS C 46758 CIVIL STATE OF CALIFORNIA
6-16-26

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

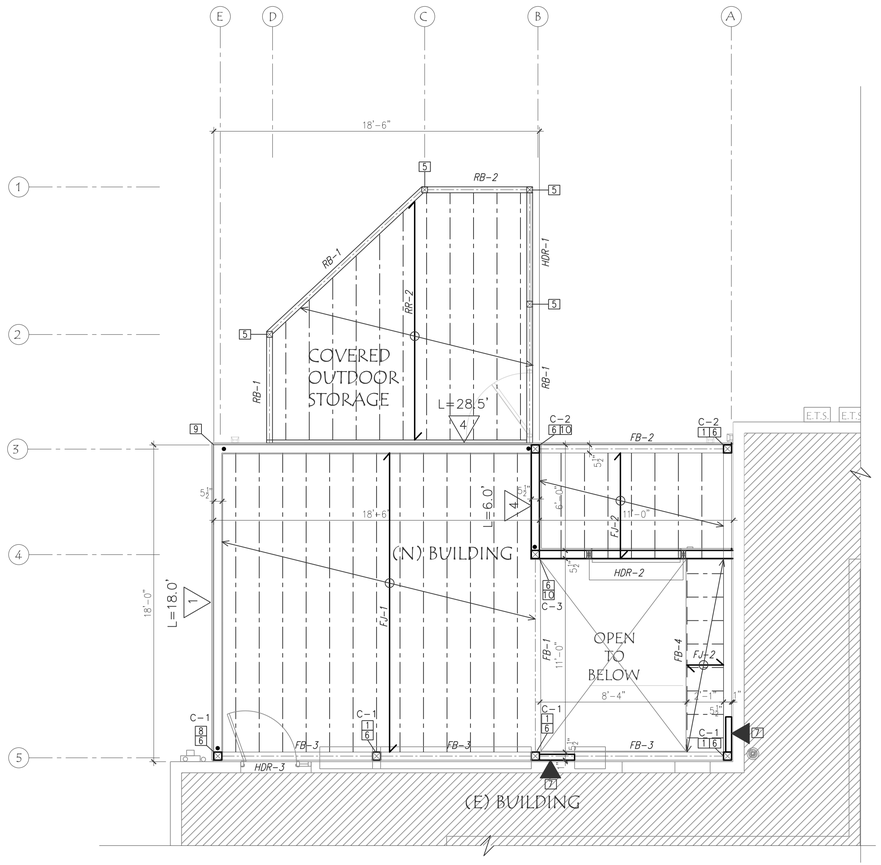
CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

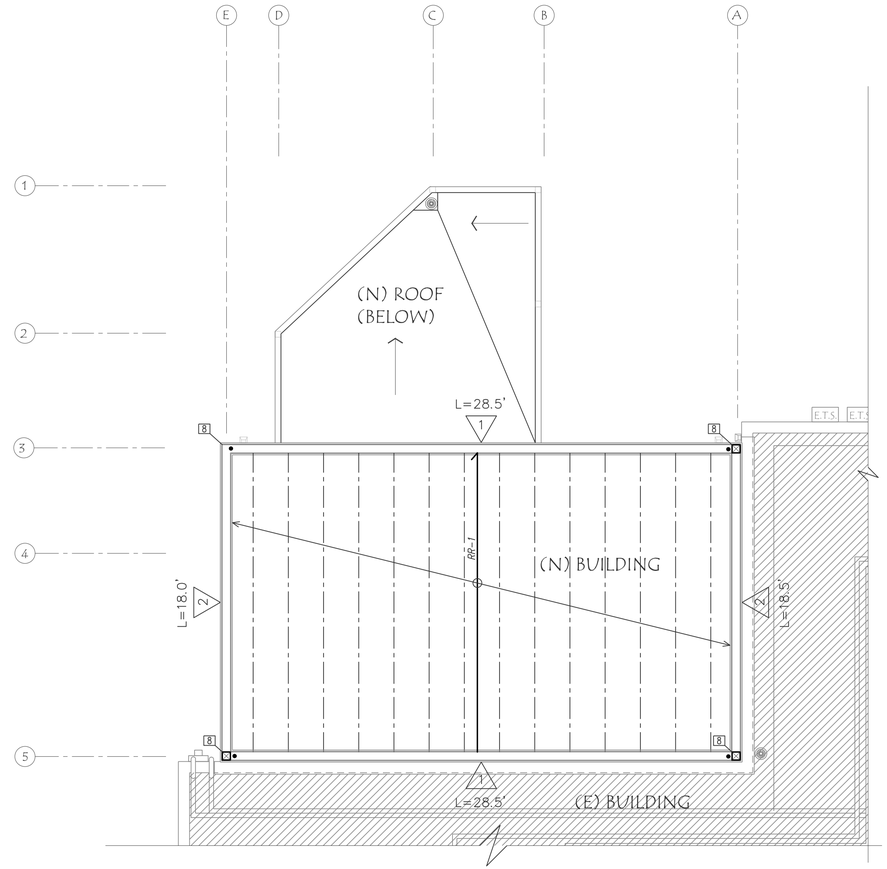
Scale: AS NOTED
Drawn by: CMG
Date: 06/18/2026
Job #: 10504.014
Sheet: S-1
Sheet: 22 of 43



PHASE II - (N) FRAMING PLAN

NORTH

SCALE: ¼" = 1'-0"



PHASE II - (N) ROOF FRAMING PLAN

NORTH

SCALE: ¼" = 1'-0"

FRAMING SCHEDULE:

FJ-1	24" TGI 560D @ 16" O.C.
FJ-2	2x8 DF-L #1 @ 16" O.C.
RR-1	2x12 DF-L #1 24" O.C.
RR-2	2x8 DF-L #1 16" O.C.
HDR-1	4x14x 1/4" 50 ksi STEEL TUBE
HDR-2	6x6 DF-L #1
HDR-3	6x12 DF-L #1
RB-1	4x14x 1/4" 50 ksi STEEL TUBE
RB-2	4x14x 1/4" 50 ksi STEEL TUBE
FB-1	6x8 DF #1
FB-2	6x10 DF #1
FB-3	5¼"x11⅞" 2.0E TJ PARALLAM W.S. PSL
FB-4	6x6 DF #1
C-1	6x6 DF-L #1 SOLID WOOD POST
C-2	6x6 DF-L #1 SOLID WOOD POST
C-3	6x6 DF-L #1 SOLID WOOD POST
C-4	4x4x⅛" STRUCTURAL TUBE METAL POST

CONSTRUCTION NOTES:

1. PROVIDE ⅝"ø ANCHOR BOLTS @ 32" O.C. PER SHEAR WALL SCHEDULE
2. PROVIDE ⅝"ø ANCHOR BOLTS @ 16" O.C. PER SHEAR WALL SCHEDULE
3. PROVIDE ⅝"ø ANCHOR BOLTS @ 12" O.C. PER SHEAR WALL SCHEDULE
4. PROVIDE MST448 ON 6x6 POST
5. PROVIDE 4x4x⅛" STRUCTURAL TUBE METAL POST - ASTM A500 GRADE B
6. PROVIDE 6x6 DF-L #1 SOLID WOOD POST
7. PROVIDE WSWH24x10
8. PROVIDE HDU4 - SDS2.5 ON 6x6 POST w/SSTB16
9. PROVIDE HDU5 - SDS2.5 ON 6x6 POST w/SSTB24
10. PROVIDE HDU11 - SDS2.5 ON 6x6 POST w/SSTB34
11. PROVIDE 6" CONCRETE SLAB ON GRADE w/#4 @ 18" O.C. EACH WAY OVER 2" SAND OVER 10 MIL. VAPOR BARRIER OVER 2" SAND 2'-8" SQ. x 18" DEEP w/3-#5 EA. WAY
12. PROVIDE 4" CONCRETE SLAB ON GRADE w/ #4 @ 18" O.C. EACH WAY OVER 4" SAND 16" x 16" DEEP GRADE BEAM w/3-#5 TOP & BOT. AND #3 STIRRUPS @ 12" O.C.

ADDITIONAL NOTES:

1. ALL EXTERIOR STUD WALLS SHALL BE 2x6 @ 16" O.C. (10' MAX HT.) U.N.O.
2. USE 3" SQ x 0.229" PLATE WASHERS W/ALL ANCHOR BOLTS
3. ALL HOLD DOWN ANCHORS SHALL BE SIMPSON "SB" TYPE, F1554 GR 36 U.N.O.
4. SOIL COMPACTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
5. SOIL ENGINEER SHALL INSPECT FOUNDATION PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION. INSPECTION REPORT SHALL BE PROVIDED TO THE BUILDING INSPECTOR AT THE JOB SITE PRIOR TO PLACEMENT OF CONCRETE FOR THE FOUNDATION.
6. ALL HOLD-DOWNS AND ANCHOR BOLTS SHALL BE SET IN PLACE BY TEMPLATE PRIOR TO FOUNDATION INSPECTION.
7. ALL SILL ANCHORAGE SHALL BE ⅝" ø A.B. @ 48" O.C. MIN. U.N.O. ON SHEAR WALL SCHEDULE.

PLAN LEGEND:

- ⊠ *PROPOSED 4x4 MTL. POST, SECURE TO BTM. PL. W/ A35 CLIP EA SIDE (4 TOTAL), U.N.O.*
- ⊠ *PROPOSED 6x6 POST, SECURE TO BTM. PL. W/ A35 CLIP EA SIDE (8 TOTAL), U.N.O.*
- ⊏ *'HUCO' FACE MOUNT HANGER TO MATCH BEAM DEPTH U.N.O.*
- ⊠• *PROPOSED HOLD DOWN & POST PER PLAN U.N.O.*
- *PROPOSED SHEAR WALL & ANCHORAGE PER PLAN*
- e½/B 2 L=12'-0"
- *PROPOSED CONTINUOUS CONCRETE FOOTING PER PLAN*
- *PROPOSED BEAM/HEADER*

ROOF FRAMING SCHEDULE:

P-1	2'-8" SQ. x 1'-6" DEEP CONC. PAD w/ 3-#5 EA. WAY @ BTM.
P-2	2'-8" x 4'-9" x 1'-4" DEEP CONC. PAD w/(2)#5 T & B AND #3 STIRRUPS @ 12" O.C.
FTG-1	1'-3" WIDE x 1'-6" DEEP CONT. CONC. FTG. w/ 3-#5 CONT. REINF. T&B
GB-1	1'-4" WIDE x 1'-4" DEEP CONT. CONC. GRADE BEAM w/ 3-#5 CONT. REINF. T&B AND #3 STIRRUPS @ 12" O.C.

FRAMING PLANS

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

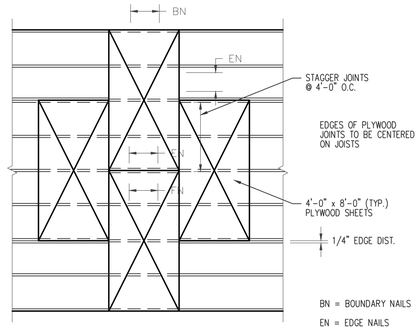
Scale: AS NOTED

Drawn by: CMG

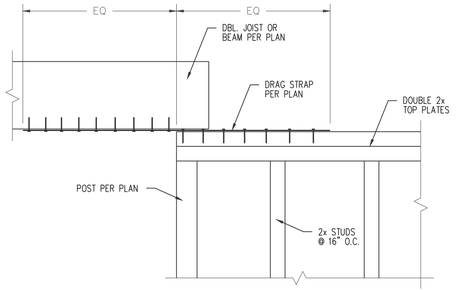
Date: 06/18/2026

Job # 10504.014

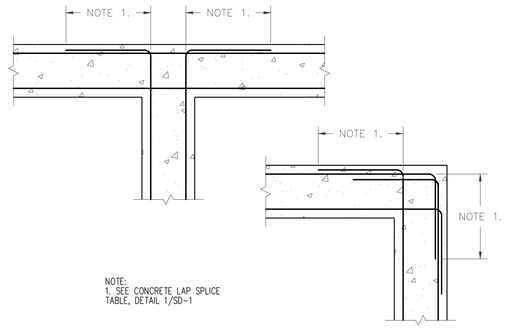
Sheet: S-2
Sheet: 23 of 43



SHEATHING LAYOUT @ JOIST/RAFTERS | 13



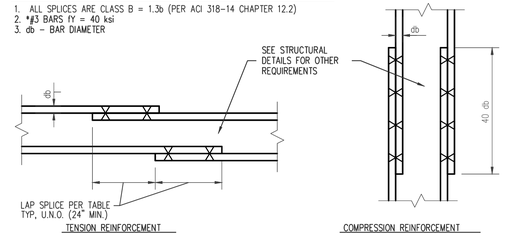
TYP. DRAG STRAP DETAIL | 9



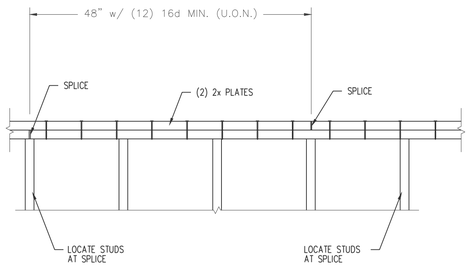
CORNER AND INTERSECTION | 5

CONCRETE REINFORCING - Fy = 60 ksi									
f'C = 1500psi (MIN.)	LAP SPLICE (IN.) - DEFORMED BARS								
	#3*	#4	#5	#6	#7	#8	#9	#10	#11
2500	16	32	39	47	69	78	88	100	110
3000	15	29	36	43	63	72	81	91	101
4000	13	25	31	37	54	62	70	79	87

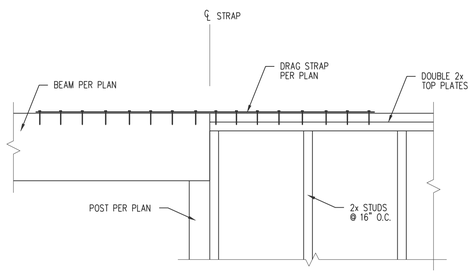
1. ALL SPLICES ARE CLASS B = 1.3b (PER ACI 318-14 CHAPTER 12.2)
2. *#3 BARS fy = 40 ksi
3. db - BAR DIAMETER



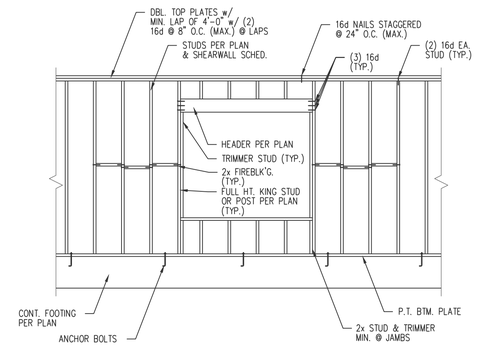
CONCRETE LAP SPLICE TABLE | 1



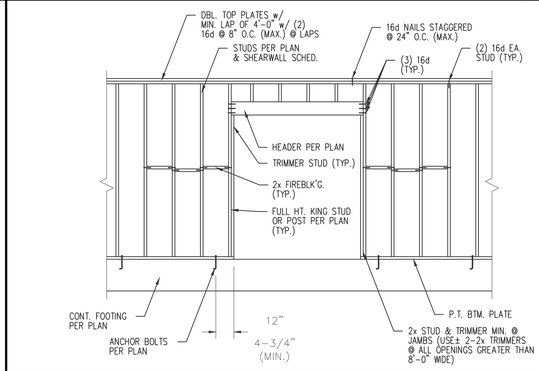
ELEV. OF TYP. PLATES SPLICE | 14



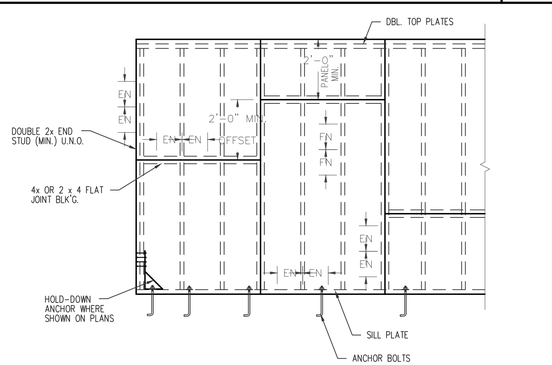
TYP. DRAG STRP DETAIL | 10



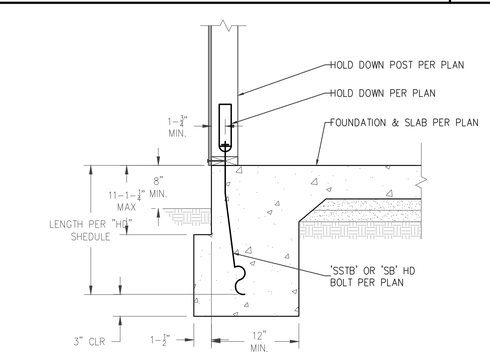
TYP. WINDOW FRAMING ELEV | 6



TYP. DOOR FRAMING ELEV. | 2



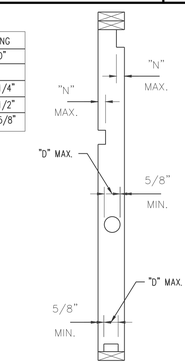
TYP. SHEAR WALL ELEV. | 15



HOLD DOWN DETAIL | 11

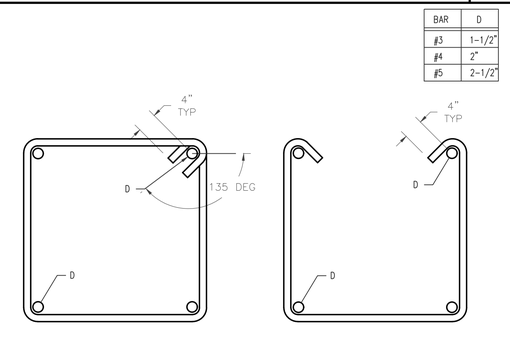
STUD	BEARING & EXT. WALL		NON-BEARING	
	"N"	"D"	"N"	"D"
2x4	7/8"	1 3/8"	1 3/8"	2"
2x6	1 3/8"	2 1/8"	2 1/8"	3 1/4"
2x8	1 7/8"	3"	3"	4 1/2"
2x10	2 3/8"	3 3/4"	3 3/4"	5 5/8"

NOTES:
1. ONLY ONE MAX. SIZE OF NOTCH OR BORED HOLE IS ALLOWED PER STUD
2. NON-BEARING STUD WALL IS DEFINED AS A PARTITION WALL SUPPORTING NO LOAD OTHER THAN ITS OWN WEIGHT.
3. BORED HOLES SHALL NOT BE LOCATED IN THE SAME SECTION OF STUD AS A CUT OR NOTCH.

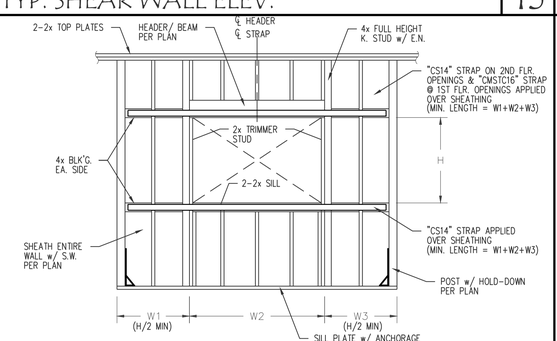


TYP. NOTCHING OF STUDS | 7

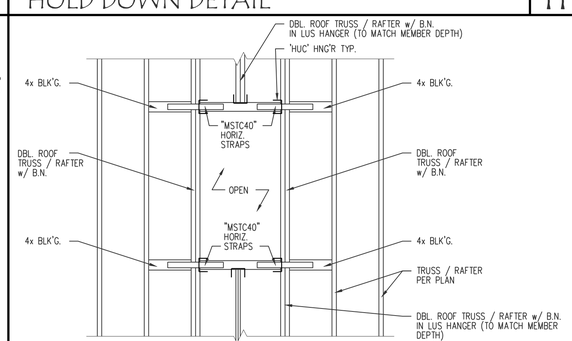
BAR	D
#3	1-1/2"
#4	2"
#5	2-1/2"



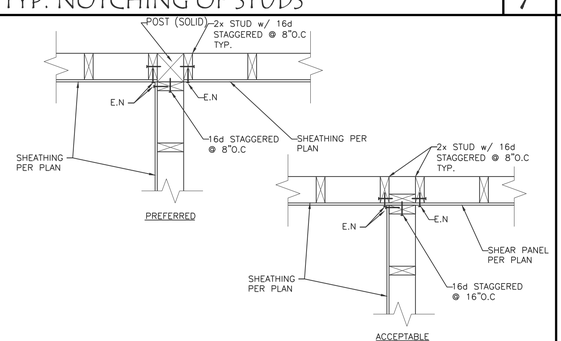
STIRRUP AND TIE DETAIL | 3



TYP. OPENING IN SHEAR WALL | 16

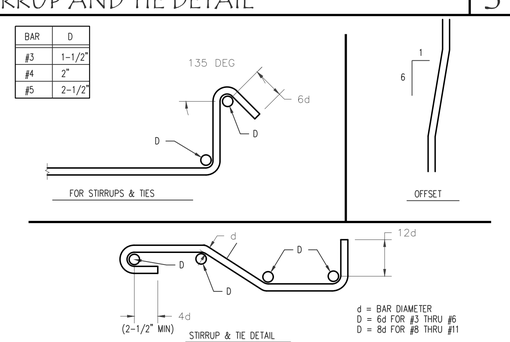


TYP. SHEAR TRANS @ SKYLIGHTS | 12



INTERSECTING SHEAR WALLS | 8

BAR	D
#3	1-1/2"
#4	2"
#5	2-1/2"



BAR STIRRUP & TIES | 4

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

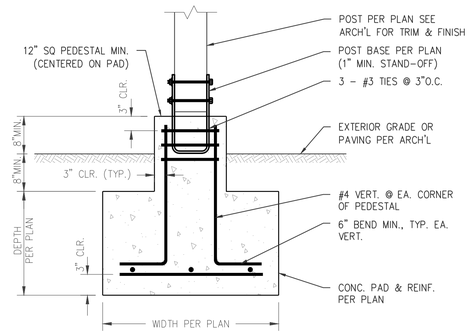
CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

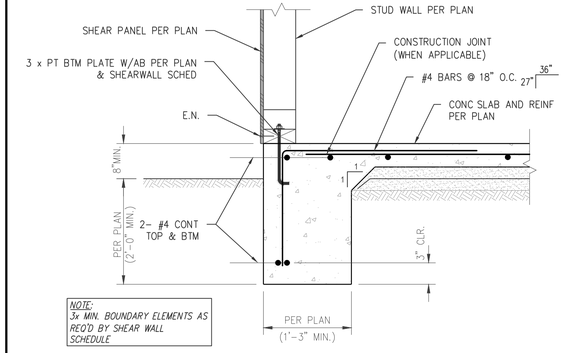
CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

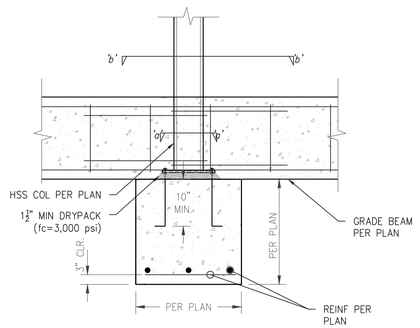
Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: SD-1
Sheet: 24 of 43



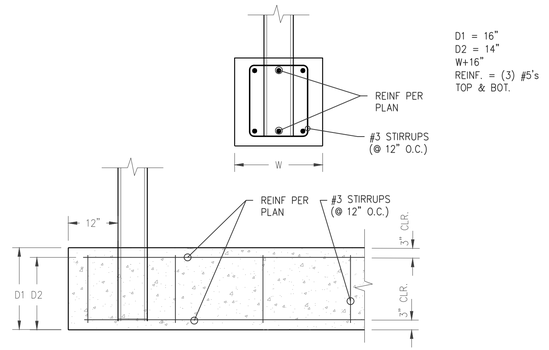
TYP. CONC. FNDTN. @ POST | D



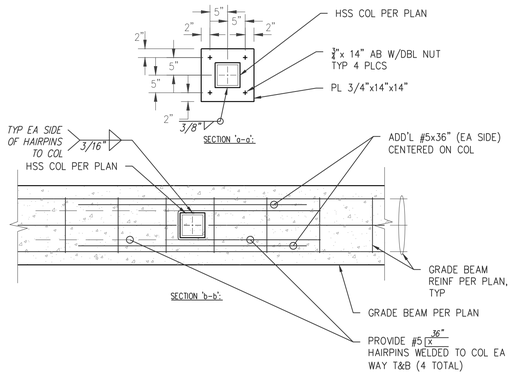
TYP. CONC. FNDTN. @ POST | A



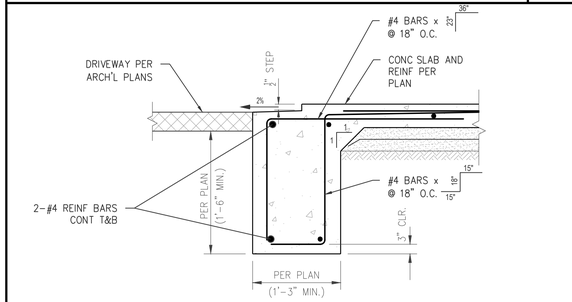
TYP. CONC. GRADE BEAM | E



TYP. GRADE BEAM @ COVERED ROOF | B



TYP. CONC. GRADE BEAM | E



CONC. FNDTN. @ ROLL-UP DOOR | C

FOUNDATION DETAILS

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

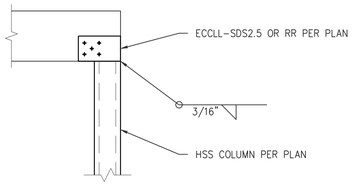
CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

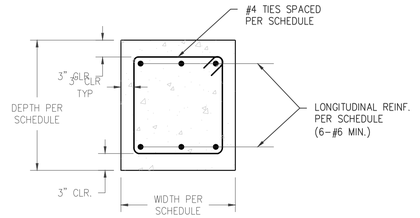
CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

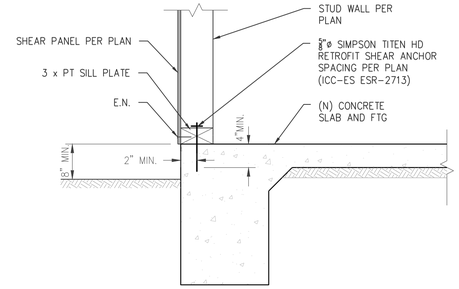
Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: SD-2
sheet: 25 of 43



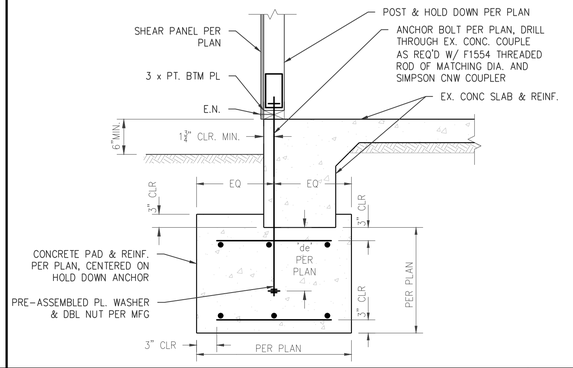
A



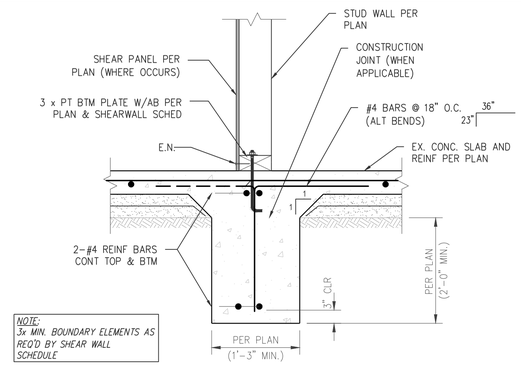
4



1



2



3

FRAMING DETAILS

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE: (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS

Drawn by: CMG

Date: 06/18/2026

Job # 10504.014

Sheet: SD-3
Sheet: 26 of 43

2025 CALIFORNIA GREEN BUILDING STANDARDS CODE
NONRESIDENTIAL MANDATORY MEASURES, SHEET 2

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

TABLE 5.106.5.6.1		
TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF REQUIRED EVCS2
0-9	0	0
10-25	4	1
26-50	8	2
51-75	13	3
76-100	17	4
101-150	25	6
151-200	35	9
201 AND OVER	20 percent of total spaces[1]	25 percent of EV capable spaces[1]

1. Calculation for spaces shall be rounded up to the nearest whole number.
2. Each EVCS shall reduce the number of required EV capable spaces by the same number.

5.106.5.6.2 Electric vehicle charging stations (EVCS). EV capable spaces shall be provided with EVSE to create EVCS in the number indicated in Table 5.106.5.6.1 and shall comply with Section 5.106.5.6.2. EVCS shall be serviced by Level 2 or Direct Current Fast Charging (DCFC) EVSE, or with EVSE in any combination of Level 2 and DCFC. Accessible EVCS shall be provided in accordance with California Building Code Chapter 11B.

5.106.5.6.2.1 Reduced number of EV capable spaces. The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces indicated in Table 5.106.5.6.1 by five and reduce proportionally the required electrical load capacity to the service panel or subpanel.

5.106.5.6.2.2 Multiple connectors. EVSE with multiple vehicle connectors capable of charging multiple EVs simultaneously shall be permitted if the electrical load capacity required by Section 5.106.5.6.1 for each EV capable space is accumulatively supplied to the EVSE.

5.106.5.6.2.3 Use of automatic load management systems (ALMS). ALMS shall be permitted for EVCS installed in accordance with Section 5.105.5.6.2. When ALMS is installed, the required electrical load capacity specified in Section 5.106.5.6.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.

5.106.5.6.3 EVCS alternative compliance. In lieu of compliance with Section 5.106.5.6.2, EVCS shall be provided with Level 1, low power Level 2, or Level 2, or any combination of Level 1, low power Level 2 or Level 2 EVSE such that the total power supplied by the combination of EVSE meets the minimum power indicated in Table 5.106.5.6.3, based on the total number of actual parking spaces in each parking facility.

TABLE 5.106.5.6.3	
NUMBER OF PARKING SPACES IN A PARKING FACILITY	MINIMUM TOTAL POWER (KVA) REQUIRED FOR EVCS
0-9	0
10-25	7
26-50	14
51-75	20
76-100	27
101-150	40
151-200	60
201 AND OVER	Total required KVA = P × .05 × 6.6 Where P = Parking spaces in facility

5.106.5.6.4 EVCS for alterations of or additions to parking facilities. Alterations of or additions to parking facilities shall provide EVCS in compliance with Section 5.106.5.6.4. The installation of infrastructure for EV capable spaces required to be provided without EVSE shall not be required.

5.106.5.6.4.1 Alterations of and additions to parking facilities. EVCS shall be provided in accordance with the number indicated in Table 5.106.5.6.1 or minimum power indicated in Table 5.106.5.6.3 when the scope of work includes an increase in power supply to an electric panel serving light fixtures illuminating the parking area or when area containing parking spaces is added to a parking facility. The number of required EVCS shall be based on the total number of existing and new parking spaces in the parking facility.

5.106.5.6.4.2 Alterations consisting of the installation of photovoltaic systems. EVCS shall be provided in accordance with the number indicated in Table 5.106.5.6.1 or maximum power indicated in Table 5.106.5.6.3 when a new photovoltaic system is installed in an existing parking facility.

5.106.5.6.5 Requirement to install EVSE. Level 2 EVSE shall be provided in all existing EV capable spaces to create EVCS when a project is required by California Administrative Code Section 4-309 to be submitted for plan approval to the Division of the State Architect. When EVSE is installed in existing EV capable spaces, accessible EVCS shall be provided in accordance with California Building Code Chapter 11B.

Exception: Projects in which improvements in parking areas consist only of accessibility improvements are not required to comply with Section 5.106.5.6.5.

5.106.8 LIGHT POLLUTION REDUCTION. [N]. I Outdoor lighting systems shall be designed and installed to comply with the following:

1. The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and
2. Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8);
3. Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in Chapter 8) and
4. Allowable BUG ratings not exceeding those shown in Table 5.106.8, [N] or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

1. Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code.
2. Emergency lighting.
3. Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.
4. Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.
5. Luminaires with less than 6,200 initial luminaire lumens.

TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS[1,2]					
ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
MAXIMUM ALLOWABLE BACKLIGHT RATING [3]					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
For area lighting [3]	N/A	U0	U0	U0	U0
For all other outdoor lighting,including decorative luminaires	N/A	U1	U2	U3	UR
MAXIMUM ALLOWABLE GLARE RATING [3] (G)					
MAXIMUM ALLOWABLE GLARE RATING [3] (G)	N/A	G1	G2	G3	G4
MAXIMUM ALLOWABLE GLARE RATING [3] (G)	N/A	G0	G1	G1	G2
MAXIMUM ALLOWABLE GLARE RATING [3] (G)	N/A	G0	G0	G1	G1
MAXIMUM ALLOWABLE GLARE RATING [3] (G)	N/A	G0	G0	G0	G1

1. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the California Energy Code and Chapter 10 of the California Administrative Code.
2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.
3. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaries located in these areas shall meet U-value limits for "all other outdoor lighting"

5.106.8.1 Facing- Backlight
Luminaries within 2MH of a property line shall be oriented so that the nearest property line is behind the fixture, and shall comply with the backlight rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point of that property line.

Exception: Corners. If two property lines (or two segments of the same property line) have equidistant point to the luminaire, then the luminaire may be oriented so that the intersection of the two lines (the corner) is directly behind the luminaire. The luminaire shall still use the distance to the nearest points(s) on the property lines to determine the required backlight rating.

5.106.8.2 Facing-Glare.
For luminaires covered by 5.106.8.1, if a property line also exists within or extends into the front hemisphere within 2MH of the luminaire then the luminaire shall comply with the more stringent glare rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point on the nearest property line within the front hemisphere.

Note: [N]
1.See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.
2 Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table A-1, California Energy Code Tables 130.2-A and 130.2-B.
3. Refer to the California Building Code for requirements for additions and alterations.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

1. Swales.
2. Water collection and disposal systems.
3. French drains.
4. Water retention gardens.
5. Other water measures which keep surface water away from buildings and aid in groundwater recharge.
Exception: Additions and alterations not altering the drainage path.

5.106.12 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.

Exceptions: Surface parking area covered by solar photovoltaic shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.

5.106.12.2 Landscape areas. Shade tress plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation.

5.106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.

Exceptions:
1. Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.
2. Designated and marked play areas of organized sport activity are not included in the total area calculation.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL

5.201.1 Scope [BSC-CG]. California Energy Code [DSA-SS]. For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL

5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS

5.302.1 Definitions. The following terms are defined in Chapter 2 (and are included here for reference)

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETAF) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which ae two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least as effective as the MWELO.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

SPECIAL LANDSCAPE AREA (SLA). [DSA-SS] An area of the landscape dedicated solely to edible plants, planting areas used for educational purposes, recreational areas, areas irrigated with recycled water, water features using recycled water, and where turf provides a playing surface or gathering space.

SUBMETER. [HCD 1] A secondary device beyond a meter that measures water consumption of an individual rental unit within a multiunit residential structure or mixed-use residential and commercial structure. (See Civic Code Section 1954.202 (g) and Water code Section 517 for additional details.)

SECTION 5.303 INDOOR WATER USE

5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.

5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:

1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.
2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:
   a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).
   b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).
   c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals.
5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.

5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.

5.303.3.3 Showerheads. [BSC-CG]
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.
Note: A hand-held shower shall be considered a showerhead.

5.303.3.4 Faucets and fountains.
5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.

5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

5.303.3.4.6 Pre-rinse spray value
When installed, commercial pre-rinse spray valves shall meet the requirements in the California Plumbing Code, Section 420.3.

5.303.4 COMMERCIAL KITCHEN EQUIPMENT.

5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.
Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.

5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.

5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.

SECTION 5.304 OUTDOOR WATER USE

5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.

Notes:
1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.
2. MWELO and supporting documents, including a water budget calculator, are available at: https://www.water.ca.gov/.

5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.

Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.

5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet.

5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.

DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY

SECTION 5.401 GENERAL

5.401.1 SCOPE. The provisions of this chapter specify the requirements of achieving material conservation, resource efficiency, and greenhouse gas (GHG) emission reduction through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, the installation of products with lower GHG emissions and building commissioning or testing and adjusting.

SECTION 5.402 DEFINITIONS

5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.

BUY CLEAN CALIFORNIA ACT (BCCA). The Buy Clean California Act (BCCA) (Public Contract Code Sections 3500-3505) targets carbon emissions associated with the production of structural steel (hot-rolled sections, hollow structural sections, and plate), concrete reinforcing steel, flat glass, and mineral wool board insulation. The maximum acceptable global warming potential (GWP) limits are established by the Department of General Services (DGS), in consultation with the California Air Resources Board (CARB).

CRADLE-TO-GRAVE. Activities associated with a product or building's life cycle from the extraction stage through disposal stage, and covering modules A1 through C4 in accordance with ISO Standards 14025 and 21930.

ORGANIC WASTE. Food waste, green waste, landscape and pruning wste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.

REFERENCE STUDY PERIOD. The period of use for the building, in years, that will be assumed for life cycle assessment.

TEST. A procedure to determine quantitative performance of a system or equipment

TYPE III ENVIRONMENTAL PRODUCT DECLARATION (EPD). A third-party verified report that summarizes how a product impacts the environment. Type III EPDs can be either product-specific, factory-specific, or industry-wide EPDs. See "Cradle-to-Gate."

FACTORY-SPECIFIC EPD. A product-specific Type III EPD in which the environmental impacts can be attributed to a single manufacturer and manufacturing facility.

INDUSTRY-WIDE EPD (IW-EPD). A Type III EPD in which the environmental impacts are an average of the typical manufacturing impacts for a range of products within the same product category for a group of manufacturers.

PRODUCT-SPECIFIC EPD. A Type III EPD in which the environmental impacts can be attributed to a product design and manufacturer across multiple facilities.

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT

5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.

5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.

5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:

1. An installed awning at least 4 feet in depth.
2. The door is protected by a roof overhang at least 4 feet in depth.
3. The door is recessed at least 4 feet.
4. Other methods which provide equivalent protection.

5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.

5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

Notes:
1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen may be used to assist in documenting compliance with the waste management plan.
2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.

Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/universalwaste/

CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA
RWC
ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE (805) 525-6400 FAX: (805) 933-3040

CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: GBC-2
Sheet: 39 of 43

GREEN BUILDING CODE

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.

Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.

Notes:
1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.
2. For a map of know pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdfa.ca.gov)

SECTION 5.409 LIFE CYCLE ASSESSMENT

5.409.1 SCOPE. [BSC-CG] Effective July 1, 2024, projects consisting of newly constructed building(s) with a combined floor area of 100,000 square feet or greater shall comply with either Section 5.409.2 or Section 5.409.3. Alteration(s) to existing building(s) where the combined altered floor area is 100,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 100,000 square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3. Effective January 1, 2026, the combined floor area shall be 50,000 square feet or greater.

[DSA-SS] Projects consisting of newly constructed building(s) with a combined floor area of 50,000 square feet or greater shall comply with either Section 5.409.2 or Section 5.409.3. Alteration(s) to existing building(s) where the combined altered floor area is 50,000 square feet or greater shall comply with either Section 5.105.2, 5.409.2, or 5.409.3. Addition(s) to existing building(s) where the total floor area combined with the existing building(s) is 50,000 square feet or greater shall comply with either Section 5.105.2, Section 5.409.2, or Section 5.409.3.

5.409.2 Whole building life cycle assessment. Projects shall conduct a cradle-to-grave whole building life cycle assessment performed in accordance with ISO 14040 and ISO 14044, excluding operating energy, and demonstrating a minimum 10-percent reduction in global warming potential (GWP) as compared to a reference baseline building of similar size, function, complexity, type of construction, material specification, and location that meets the requirements of the California Energy Code currently in effect. Software used to conduct the whole building life cycle assessment, including reference baseline building, shall have a data set compliant with ISO 14044, and ISO 21930 or EN 15804, and the software shall conform to ISO 21931 and/or EN 15978. The software tools and data sets shall be the same for evaluation of both the baseline building and the proposed building.

Notes:
1. Software for calculating whole building life cycle assessment is available for free at Athena Sustainable Materials Institute (https://calculatelca.com/software/impact-estimator/) and OneClick LCA-Planetary (www.oneclicklca.com/planetary). Paid versions include, but are not limited to, Sphera GaBi Solutions (gabi.sphera.com), SimaPro (simapro.com), One-Click LCA (www.oneclicklca.com) and Tally for Revit (apps.autodesk.com).

2. ASTM E2921-22 "Standard Practice for Minimum Criteria for Comparing Whole Building Life Cycle Assessments for Use with Building Codes, Standards, and Rating Systems" may be consulted for the assessment.

3. In addition to the required documentation specified in Section 5.409.2.3, Worksheet WS-9 may be required by the enforcing entity to demonstrate compliance with the requirements.

5.409.2.1 Building components. Building enclosure components included in the assessment shall be limited to glazing assemblies, insulation, and exterior finishes. Primary and secondary structural members included in the assessment shall be limited to footings and foundations, and structural columns, beams, walls, roofs, and floors.

5.409.2.2 Reference study period. The reference study period of the proposed building shall be equal to the reference baseline building and shall be 60 years.

5.409.2.3 Verification of compliance. A summary of the GWP analysis produced by the software and Worksheet WS-4 signed by the design professional of record shall be provided in the construction documents as documentation of compliance. A copy of the whole building life cycle assessment which includes the GWP analysis produced by the software, in addition to maintenance and training information, shall be included in the operation and maintenance manual and shall be provided to the owner at the close of construction. The enforcing agency may require inspection and inspection reports in accordance with Sections 702.2 and 703.1 during and at completion of construction to demonstrate substantial conformance. Inspection shall be performed by the design professional of record or third party acceptable to the enforcing agency.

5.409.3 Product GWP compliance—prescriptive path. Each product that is permanently installed and listed in Table 5.409.3 shall have a Type III environmental product declaration (EPD), either product-specific or factory-specific.

TABLE 5.409.3
PRODUCT GWP LIMITS

BUY CLEAN CALIFORNIA MATERIALS PRODUCT CATEGORY1	MAXIMUM ACCEPTABLE GWP VALUE (unfabricated) (GWPallowed)	UNIT OF MEASUREMENT
Hot-rolled structural steel sections	1.77	MT CO2e/MT
Hollow structural sections	3.00	MT CO2e/MT
Steel plate	2.61	MT CO2e/MT
Concrete reinforcing steel	1.56	MT CO2e/MT
Flat glass	2.50	kg CO2e/MT
Light-density mineral wool board insulation	5.83	kg CO2e/MT
Heavy-density mineral wool board insulation	14.28	kg CO2e/MT
Concrete, Ready-Mixed2, 3		
CONCRETE PRODUCT CATEGORY	MAXIMUM GWP ALLOWED VALUE (GWPallowed)	UNIT OF MEASUREMENT
up to 2499 psi	450	kg CO2e/m3
2500–3499 psi	489	kg CO2e/m3
3500–4499 psi	566	kg CO2e/m3
4500–5499 psi	661	kg CO2e/m3
5500–6499 psi	701	kg CO2e/m3
6500 psi and greater	799	kg CO2e/m3
Concrete, Lightweight Ready-Mixed2		
CONCRETE PRODUCT CATEGORY	MAXIMUM GWP ALLOWED VALUE (GWPallowed)	UNIT OF MEASUREMENT
up to 2499 psi	875	kg CO2e/m3
2500–3499 psi	956	kg CO2e/m3
3500–4499 psi	1039	kg CO2e/m3

1. The GWP values of the products listed in Table 5.409.3 are based on 175 percent of Buy Clean California Act (BCCA) GWP values, except for concrete products which are not included in the BCCA.
2. For concrete, 175 percent of the National Ready Mixed Concrete Association (NRMCA) 2022 version 3 Pacific Southwest regional benchmark values are used for the GWP allowed, except for High Early Strength.
3. Concrete High Early Strength ready-mixed shall be calculated at 130 percent of the ready-mixed concrete GWP allowed values for each product category.

5.409.3.1 Products shall not exceed the maximum GWP value specified in Table 5.409.3.

Exception: Concrete may be considered one product category to meet compliance with this section. A weighted average of the maximum GWP for all concrete mixes installed in the project shall be less than the weighted average maximum GWP allowed per Table 5.409.3 using Exception Equation 5.409.3.1. Calculations shall be performed with consistent units of measurement for the material quantity and the GWP value.

For the purposes of this exception, industry-wide EPDs are acceptable.

Exception EQUATION 5.409.3.1

GWPn < GWPallowed
where
GWPn = Σ (GWPn)(vn)
and
GWPallowed = Σ (GWPallowed)(vn)
and
n = each concrete mix installed in the project
GWPn = the GWP for concrete mixn per concrete mix EPD, in kg CO2e/m3
GWPallowed = the GWP potential allowed for concrete mix n per Table 5.409.3
vn = the volume of concrete mix installed in the project, in m3

5.409.3.2 Verification of compliance. Calculations to demonstrate compliance, Type III EPDs for products required to comply, if included in the project, and Worksheet WS-5 signed by the design professional of record shall be provided on the construction documents. Updated EPDs for products used in construction shall be provided to the owner at the close of construction and to the enforcement entity upon request. The enforcing agency may require inspection and inspection reports in accordance with Sections 702.2 and 703.1 during and at completion of construction to demonstrate substantial conformance. Inspection shall be performed by the design professional of record or third party acceptable to the enforcing agency.

SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS

5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section.

5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.

Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.

5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).

Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.

5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated y the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements

Commissioning requirements shall include:

1. Owner's or Owner representative's project requirements.
2. Basis of Design.
3. Commissioning measures shown in the construction documents.
4. Commissioning plan.
5. Functional performance testing.
6. Documentation and training.
7. Commissioning report.

Exceptions:

1. Unconditioned warehouses of any size.
2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses.
3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1.
4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.

Note: For the purposes of this section, unconditioned shall mean a building, area or room which does not provide heating and/or air conditioning.

Informational Notes:

1. . Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code.

5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:
1. Environmental and sustainability goals.
2. Building sustainable goals.
3. Indoor environmental quality requirements.
4. Project program, including facility functions and hours of operation, and need for after hours operation.
5. Equipment and systems expectations.
6. Building occupant and operation and maintenance (O&M) personnel expectations.

5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse system.

5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following:
1. General project information.
2. Commissioning goals.
3. Systems to be commissioned. Plans to test systems and components shall include:
   a. An explanation of the original design intent.
   b. Equipment and systems to be tested, including the extent of tests.
   c. Functions to be tested.
   d. Conditions under which the test shall be performed.
   e. Measurable criteria for acceptable performance.
4. Commissioning team information.
5. Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning shall be included.

5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments made.

5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations.

5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:
1. Site information, including facility description, history and current requirements.
2. Site contact information.
3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log.
4. Major systems.
5. Site equipment inventory and maintenance notes.
6. A copy of verifications required by the enforcing agency or this code.
7. Other resources and documentation, if applicable.

5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:
1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces).
2. Review and demonstration of servicing/preventive maintenance.
3. Review of the information in the Systems Manual.
4. Review of the record drawings on the system/equipment.

5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.

5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 (Reserved)

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)3 for additional testing requirements of specific systems.

5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.

5.410.4.5 Operation and maintenance (O & M) manual. 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.

5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency.

DIVISION 5.5 ENVIRONMENTAL QUALITY

SECTION 5.501 GENERAL

5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.

SECTION 5.502 DEFINITIONS

5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)

ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route.

A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.

1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 320 Fahrenheit.

COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.

COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I–joists or finger–jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).

Note: See CCR, Title 17, Section 93120.1.

DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10p.m. to 7 a.m.).

DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.

EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.

FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections.

GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.

GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) ((IPCC, 1995); or its Fourth Assessment A-3 Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14.; the AR4 GWP values are found in column "100 yr" of Table 2.14.

HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hdrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.

LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).

MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2–1999.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base REactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundreths of a gram (g O3/g ROC).

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).

PSIG. Pounds per square inch, guage.

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

SCHRADER ACCESS VALVES. Access fittings with a valve core installed.

SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.

SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units.

VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a).

Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.

SECTION 5.503 FIREPLACES

5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.

5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.

SECTION 5.504 POLLUTANT CONTROL

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992 Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

5.504.3 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 ventilation 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.

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:
1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT1,2

Less Water and Less Exempt Compounds in Grams per Liter	
ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Less Water and Less Exempt Compounds in Grams per Liter	
SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA, CA, 93061
PHONE (805) 525-6400 FAX: (805) 933-8040

CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: GBC-3
Sheet: 40 of 43

GREEN BUILDING CODE

Y = YES
N/A = NOT APPLICABLE
RESPON. PARTY = RESPONSIBLE PARTY (ie: ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS2,3

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS

COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS:	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS1	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS
2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.
3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:
1. Manufacturer's product specification
2. Field verification of on-site product containers

5.504.4.4 Carpet Systems.
All carpet installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers." Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs.
https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the California Department of Public Health,"Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers,"Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs.
https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:
1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
5. Other methods acceptable to the enforcing agency.

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS1

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD2	0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.
2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

5.504.4.6 Resilient flooring systems. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health,"Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350)

See California Department of Public Health's website for certification programs and testing labs.
https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.4.7 Thermal insulation
Comply with the requirements of the California Department of Public Health, "Standard Method of the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, "Version 1.2, January 1.2, January 2017 (Emission testing method for California Specification 01350).
See California Department of Public Health's website for certification programs and testing labs.
https://www.cdph.ca.gov/Programs/CCDPHP/DEODC/EHLB/IAQ/Pages/VOC.aspx#material

5.504.4.7.1 Verification of compliance.
Documentation shall be provided verifying that thermal insulation materials meet the pollutant emission limits.

5.504.4.8 Acoustical ceiling and wall panels.
Comply with the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, " Version 1.2, January 2017 (Emission testing method for California Specification 01350).
See California Department of Public Health's website for certification programs and testing labs.

5.504.4.8.1 Verification of compliance. Documentation shall be provided verifying that acoustical finish materials meet the pollutant emission limits.

5.504.5 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions: Existing mechanical equipment.

5.504.5.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

SECTION 5.505 INDOOR MOISTURE CONTROL

5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code.

SECTION 5.506 INDOOR AIR QUALITY

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO2) MONITORING. For buildings or additions equipped with demand control ventilation, CO2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

5.506.3 Carbon dioxide (CO2) monitoring in classrooms.
[DSA-SS] Classrooms and other similar rooms that are used for group instruction shall be equipped with a carbon dioxide monitor or sensor.

[BSC-CG] Newly constructed projects and qualifying additions and alterations (per scope in Section 301.3) for University of California, California State University and private school classrooms, lecture and post-secondary classrooms shall be equipped with a carbon dioxide monitor or sensor.

[DSA-SS, BSC-CG] The carbon dioxide monitor or sensor shall meet the following requirements:
1. The monitor or sensor shall be permanently affixed in a tamper-proof manner in each classroom between 3 and 6 feet (914 mm and 1829 mm) above the floor and at least 5 feet (1524 mm) away from door and operable windows.
2. When the monitor or sensor is not integral to an Energy Management Control System (EMCS), the monitor or sensor shall display the carbon dioxide readings on the device. When the sensor is integral to an EMCS, the carbon dioxide readings shall be available to and regularly monitored by facility personnel.
3. A monitor shall provide notification though a visual indicator on the monitor when the carbon dioxide levels in the classroom have exceeded 1,100ppm. A sensor integral to an EMCS shall provide notification to facility personnel through a visual and/or audible indicator when the carbon dioxide levels in the classroom have exceed 1,100ppm
4. The monitor or EMCS devices used to measure carbon dioxide levels shall maintain a record of previous data that includes at least the maximum carbon dioxide concentration measured.
5. The monitor or sensor used to measure carbon dioxide levels shall have the capacity to measure carbon dioxide levels with a range of 400ppm to 2000ppm or greater.
6. The monitor or sensor shall be certified by the manufacturer to be accurate within 75ppm at 1,000ppm carbon dioxide concentration and shall be certified by the manufacturer to require calibration no more frequently than once every 5 years.

SECTION 5.507 ENVIRONMENTAL COMFORT

5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport.

   Exceptions:

   1. Ldn or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
   2. Ldn or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

2. Within the 65 CNEL or Ldn noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.1.1 Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB Leq - 1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.

SECTION 5.508 OUTDOOR AIR QUALITY

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO2), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fouth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves Valves and fittings shall comply with the California Mechanical Code and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.2.1 Chain tethers. Chain tethers to fit ovr the stem are required for valves designed to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device tha indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

CHAPTER 7
INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprentice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

Notes:

1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE (805) 525-6400 FAX: (805) 933-9040

CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: GBC-4
Sheet: 41 of 43

GREEN BUILDING CODE

Project Name: New Storage Warehouse **Date Prepared:** 2026-06-17

A. General Information

1	Project Name	New Storage Warehouse			
2	Run Title	Title 24 Analysis			
3	Project Location	214 S. 10th St.			
4	City	Santa Paula	5	Standards Version	Compliance 2025
6	Zip code	93060	7	Compliance Software (version)	EnergyPro 10.1
8	Climate Zone	9	9	Building Orientation (deg)	270
10	Building Type(s)	• Nonresidential	11	Weather File	CA_Title24_2025_VAN-NUYS.epw
12	Project Scope	• Envelope and Mechanical Addition	13	Number of Dwelling Units	0
14	Total Conditioned Floor Area in Scope (ft²)	438	15	Total # of hotel/motel rooms	0
16	Total Unconditioned Floor Area (ft²)	0.1	17	Fuel Type	Natural gas
18	Is Natural Gas Available per Section 100.1?	Yes	19	Nonresidential Conditioned Floor Area	438
20	Total # of Stories (Habitable Above Grade)	1	21	Residential Conditioned Floor Area	0

B. PROJECT SUMMARY

Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively if within the permit application.

Building Components Complying via Performance						Building Components Complying Prescriptively	
Envelope (See Table G)	Nonres	Performance	Solar Thermal Water Heating (See Table I3)	☐	Performance	The following building components are ONLY eligible for prescriptive compliance and should be documented on the NRCC form listed if within the scope of the permit application (i.e. compliance will not be shown on the NRCC-PRF-E).	
	MultiFam	Not Included		☒	Not Included		
Mechanical (See Table H)	Nonres	Performance	Covered Process: Commercial Kitchens (see Table J)	☐	Performance	Indoor Lighting (Unconditioned) 140.6 & 170.2(e)	NRCC-LTI-E is required
	MultiFam	Not Included		☒	Not Included	Outdoor Lighting 140.7 & 170.2(e)	NRCC-LTO-E is required
Domestic Hot Water (See Table I)	Nonres	Not Included	Covered Process: Laboratory Exhaust (see Table J)	☐	Performance	Sign Lighting 140.8 & 170.2(e)	NRCC-LTS-E is required
	MultiFam	Not Included		☒	Not Included	**Building Components Complying with Mandatory Measures**	
Lighting (Indoor Conditioned, see Table K)	Nonres	Not Included	Photovoltaics (see Table F)	☐	Performance	Electrical power systems, commissioning, solar ready, elevator and escalator requirements are mandatory and should be documented on the NRCC form listed if applicable (i.e. compliance will not be shown on the NRCC-PRF-E.)	
	MultiFam	Not Included		☒	Not Included	Electrical Power Distribution 110.11	NRCC-ELC-E is required
			Battery (see Table F)	☐	Performance	Commissioning 120.8	NRCC-CXR-E is required
				☒	Not Included	Solar and Battery 110.10	NRCC-SAB-E is required

C1. COMPLIANCE SUMMARY

COMPLIES*

	Long-term System Cost (LSC)[1]		Source Energy Use
	Efficiency[2] ($/ft²-yr)	Total[3] ($/ft²-yr)	Total[3] (kBtu/ft²-yr)
Standard Design	26.05	n/a	n/a
Proposed Design	17.65	n/a	n/a
Compliance Margins	**8.4**	**n/a**	**n/a**
	Pass	**n/a**	**n/a**

[1] Long-term System Cost (LSC) is a 30-year present value cost to California's energy system. LSC is not a predicted utility bill.
[2] Efficiency measures include energy efficiency improvements such as better building envelope and more efficient mechanical equipment
[3] Compliance Totals include efficiency, photovoltaics and batteries
** New Construction: Building complies when Proposed Design is equal to or less than Standard Design in all compliance categories and unmet load hour limits are not exceeded. Complete Addition Scope and Existing, Addition and Alteration Scope: Building complies when efficiency compliance margin is greater than or equal to zero and unmet load hour limits are not exceeded.*

C2. LSC ENERGY COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual LSC Energy Use, $/ft²-yr)

COMPLIES

Energy Component	Standard Design (LSC)	Proposed Design (LSC)	Compliance Margin (LSC)[1]
Space Heating	5.49	8.31	-2.82
Space Cooling	5.51	5.32	0.19
Indoor Fans	15.05	4.02	11.03
Heat Rejection	0	0	0
Pumps & Misc.	0	0	0
Domestic Hot Water	0	0	0
Indoor Lighting	0	0	0
Flexibility	---	---	---
EFFICIENCY COMPLIANCE TOTAL	**26.05**	**17.65**	**8.4 (32.2%)**
Photovoltaics	---	---	---
Batteries	---	---	---
TOTAL COMPLIANCE	**26.05**	**17.65**	**8.4 (32.2%)**

[1] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

C3. LSC ENERGY RESULTS FOR NON-REGULATED COMPONENTS[1]

Non-Regulated Energy Component	Standard Design (LSC)	Proposed Design (LSC)	Compliance Margin (LSC)[2]
Receptacle	---	---	---
Process	---	---	---
Other Ltg	---	---	---
Process Motors	---	---	---
TOTAL (TOTAL COMPLIANCE + NON-REGULATED COMPONENTS)	**26.05**	**17.65**	**8.4 (32.2%)**

[1] Notes: This table is not used for Energy Code Compliance.
[2] Notes: This number in parenthesis following the Compliance Margin in column 4, represents the Percent Better than Standard.

C6. 'ABOVE CODE' QUALIFICATIONS

☐ This project is pursuing CalGreen Tier 1 ☐ This project is pursuing CalGreen Tier 2

C7. ENERGY USE SUMMARY

Energy Component	Standard Design Site (MWh)	Proposed Design Site (MWh)	Margin (MWh)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	0.4	0.6	-0.2	---	---	---
Space Cooling	0.5	0.5	0	---	---	---
Indoor Fans	1.2	0.3	0.9	---	---	---
Heat Rejection	---	---	---	---	---	---
Pumps & Misc.	---	---	---	---	---	---
Domestic Hot Water	---	---	---	---	---	---
Indoor Lighting	---	---	---	---	---	---
Flexibility	---	---	---	---	---	---
EFFICIENCY TOTAL	**2.1**	**1.4**	**0.7**	**0**	**0**	**0**
Photovoltaics	---	---	---	---	---	---
Batteries	---	---	---	---	---	---
ENERGY USE SUBTOTAL	**2.1**	**1.4**	**0.7**	**0**	**0**	**0**
Receptacle	---	---	---	---	---	---
Process	---	---	---	---	---	---
Other Ltg	---	---	---	---	---	---
Process Motors	---	---	---	---	---	---
ENERGY USE TOTAL	**2.1**	**1.4**	**0.7**	**0**	**0**	**0**

LICENSED ARCHITECT
CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE (805) 525-6400 FAX (805) 933-8040

CONSULTANT:

PROJECT:
SANTA PAULA POLICE STATION RENOVATION PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS
Drawn by: CMG
Date: 06/18/2026
Job # 10504.014
Sheet: T24-3
Sheet: 42 of 43

TITLE 24-MECHANICAL

C8. ENERGY USE INTENSITY (EUI)

	Standard Design (kBtu/ft² / yr)	Proposed Design (kBtu/ft² / yr)	Margin (kBtu/ft² / yr)	Margin Percentage
GROSS EUI[1]	16.36	10.9	5.46	33.37
NET EUI[1]	16.36	10.9	5.46	33.37

[1] *Notes: Gross EUI is Energy Use Total (not including PV)/Total Building Area. Net EUI is Energy Use Total (including PV)/Total Building Area.*

D1. EXCEPTIONAL CONDITIONS

- The building does not include service water heating. Verify that service water heating is not required and is not included in the design.
- Project claiming exception to Section 120.7(e) Vestibules requirements.

E4. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

www.title24data.com e-mail: inbox@title24data.com "One Day Service" since 1978

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft²)	Total Fenestration Area (ft²)	Window to Wall Ratio (%)
North-Facing[1]	185	0	0
East-Facing[2]	177	0	0
South-Facing[3]	339	0	0
West-Facing[4]	555.5	0	0

Notes
[1]*North-Facing is oriented to within 45 degrees of true north, including 4500'00" east of north (NE), but excluding 4500'00" west of north (NW),*
[2]*East-Facing is oriented to within 45 degrees of true east, including 4500'00" south of east (SE), but excluding 4500'00" north of east (NE),*
[3]*South-Facing is oriented to within 45 degrees of true south, including 4500'00" west of south (SW), but excluding 4500'00" east of south (SE),*
[4]*West-Facing is oriented to within 45 degrees of true west, including 4500'00" north of west (NW), but excluding 4500'00" south of west (SW),*

G1. ENVELOPE GENERAL INFORMATION (conditioned spaces only)

01	02	03	04
Opaque Surfaces & Orientation	Total Gross Surface Area (ft²)	Total Fenestration Area (ft²)	Window to Wall Ratio (%)
Total	**1256.5**	**0**	**0**
Roof	438	0	0

Notes
[1]*North-Facing is oriented to within 45 degrees of true north, including 4500'00" east of north (NE), but excluding 4500'00" west of north (NW),*
[2]*East-Facing is oriented to within 45 degrees of true east, including 4500'00" south of east (SE), but excluding 4500'00" north of east (NE),*
[3]*South-Facing is oriented to within 45 degrees of true south, including 4500'00" west of south (SW), but excluding 4500'00" east of south (SE),*
[4]*West-Facing is oriented to within 45 degrees of true west, including 4500'00" north of west (NW), but excluding 4500'00" south of west (SW),*

G4. NONRESIDENTIAL AIR BARRIER

01	02
Building Story Name	Air Barrier
Com-Floor 1	No air barrier

G5. OPAQUE SURFACE ASSEMBLY SUMMARY

01	02	03	04	05	06		07	08	09	10
Surface Name	Construction Type	Area (ft²)	Framing Type	Cavity R-Value	Continuous R-Value		Units	Value	Description of Assembly Layers	Status[1]
					Interior	Exterior				
Slab On Grade6	Underground Floor	438	N/A	0	N/A	N/A	F-factor	0.73	Slab Type =Unheated slab on grade Insulation Orientation =None Insulation R-Value =none	N
R-21 Wall8	Exterior Wall	1,256.5	Wood	21	N/A	N/A	U-factor	0.0695	Vapor permeable felt - 1/8 in. Composite-1 Gypsum Board - 5/8 in.	N
R-38 Roof Rafter15	Roof	438	Wood	38	N/A	N/A	U-factor	0.0301	Plywood - 1/2 in. Composite-2 Gypsum Board - 5/8 in.	N

[1] *Status: N - New, A - Altered, E - Existing*

G6A. OPAQUE DOOR SUMMARY (NONRESIDENTIAL)

01	02	03	04
Assembly Name	Area (ft²)	Overall U-factor	Status[1]
Roll Up Metal Door13	35	1.45	N

[1] *Status: N - New, A - Altered, E - Existing*

H1. DRY SYSTEM EQUIPMENT (FURNACES, AIR HANDLING UNITS, HEAT PUMPS, VRF, ECONOMIZERS ETC.)

01	02	03	04	05	06	07	08	09	10	11	12
Equipment Name	Equipment Type	Qty	Heating				Cooling			Economizer Type (if present)	Status[1]
			Total Heating Output (kBtu/h)	Supp Heat Output (kBtu/h)	Efficiency Unit	Efficiency	Total Cooling Output (kBtu/h)	Efficiency Unit	Efficiency		
Mini Splits	MiniSplit HP	2	9	0	HSPF2	9	9	EER2 SEER2	11.7 18	N/A	N

[1] *Status: N - New, A - Altered, E - Existing*

H3. NONRESIDENTIAL / COMMON USE AREA FAN SYSTEMS SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12	13
Name or Item Tag	Qty	Design OA CFM	Supply Fan				Return / Relief Fan					Status[1]
			CFM	Power	Power Units	Control	Fan Type	CFM	Power	Power Units	Control	
Mini Splits	2	0	300	0.03	BHP	Constant Vol	N/A	N/A	N/A	N/A	N/A	N

01	14	15	16	17	18	19
Name or Item Tag	Supply Fan			Return / Relief Fan		
	Modeling Method	Fan Efficiency	Motor Efficiency	Modeling Method	Fan Efficiency	Motor Efficiency
Mini Splits	Brake Horse Power	0.5	0.86	N/A	N/A	N/A

[1] *Status: N - New, A - Altered, E - Existing*

H9. NONRESIDENTIAL / COMMON USE AREA & HOTEL/MOTEL VENTILATION

01	02	03	04	05	06	07
Zone Name	Mechanical Ventilation				Conditioned Area (sf)	DCV or Occupant Sensor Controls, or Both
	Ventilation Function	# of People	Supply OA CFM	Exhaust CFM		
1-Storage Warehouse	NA	0	0	0	438	N/A

H11. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

01	02	03	04	05	06	07	08	09	10	11	12
System ID	System Type	Qty	Rated Capacity (kBtuh)		Airflow (cfm)			Fan			VSD
			Heating	Cooling	Design	Min.	Min. Ratio	Power	Power Units	Cycles	
Mini Splits	MiniSplit HP	2	9	9	300	N/A	N/A	0.03	BHP	Continuous	☐

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections made by Documentation Author indicate which Certificates of Installation must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

Building Component	Form/Title
Envelope	NRCI-ENV-E - Envelope (for all buildings)
Mechanical	NRCI-MCH-E - For all buildings with Mechanical Systems

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections made by Documentation Author indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction. Lighting controls and mechanical NRCAs must be completed through an Acceptance Test Technician Certification Provider (ATTCP).

Building Component [1]	Form/Title & System Name(s)
Mechanical	NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap
	Mini Splits
Mechanical	NRCA-MCH-03-A - Constant Volume Single Zone HVAC
	Mini Splits

[1]*Refer to other prescriptive NRCC forms applicable to the project for additional NRCA tests required that are not included in the NRCC-PRF-E form*

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION

Selections made by Documentation Author indicate which Certificates of Verification must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online

There are no certificates applicable to this project

Documentation Author's Declaration Statement

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Jessica Richards - CEA R22-23-40068	Documentation Author Signature: Jessica Richards
Company: Title 24 Data Corporation	Signature Date: 6/17/26
Address: 633 Monterey Trail	CEA/AEA/ECC Certification Identification (if applicable): CEA R22-23-40068
City/State/Zip: Frazier Park, CA 93325	Phone: 661-245-6372

Responsible Person's Declaration statement

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I understand that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building and shall be made available to the enforcement agency for all applicable inspections. I will take the necessary steps to fulfill this requirement.
6. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy. I will take the necessary steps to fulfill this requirement.

Responsible Designer Name:	Responsible Designer Signature:	
Company: Robert William Company		
Address: PO Box 1025	Date Signed:	
City/State/Zip: Santa Paula, CA 93061	License #:	
Phone:	Title:	Scope:

CHRISTINA GRINA
C - 28080
8/31/27
STATE OF CALIFORNIA
LICENSED ARCHITECT

RWC

ROBERT WILLIAM COMPANY
PLANNING & LAND USE SERVICES
GENERAL ENGINEERING & BUILDING CONTRACTORS
P.O. BOX 1025, SANTA PAULA CA, 93061
PHONE (805) 525-6400 FAX (805) 933-9040

CONSULTANT:

PROJECT:
SANTA PAULA
POLICE STATION
RENOVATION
PHASE II

CLIENT:
CITY OF SANTA PAULA
214 SOUTH 10TH STREET
SANTA PAULA, CA 93060

#	Revision	Date

Scale: NTS

Drawn by: CMG

Date: 06/18/2026

Job # 10504.014

Sheet: T24-4
Sheet: 43 of 43

TITLE 24-MECHANICAL

2026-06-18_SPPD Renov. PII-Title 24.pdf · Page 5

FCG Environmental

Environmental Consulting Services
Asbestos · Mold · Lead · Property Assessment

March 2022

Mr. Bill Lindsay
Ms. Christina Grina
Robert William Company, LLC
216 N 8th Street
P.O. Box 1055
Santa Paula, CA 93061
wmglindsay@gmail.com
christina@rwc-llc.com

Subject: **Asbestos & Lead Survey Report**
City of Santa Paula Police Station
214 S. 10th Street
Santa Paula, CA 93060
FCG Project Code: RWC–06

Dear Mr. Lindsay & Ms. Grina:

FCG Environmental (FCG) conducted a hazardous materials survey at the Santa Paula Police Station, which included asbestos bulk sampling and lead-based paint testing of areas of proposed renovations. The investigation was performed on January 12, 2022, by FCG personnel, under the supervision of Alan Forbess, CA Certified Asbestos Consultant (No. 94-1549) and CA Lead Inspector/Assessor and Project Monitor (No. 505/504). This report documents the results of our survey, which was conducted to identify proper handling of hazardous building materials prior to future renovation activities.

1.0 Background Information / Scope of Project

Background/Site Description: The Santa Paula Police Station is a single-story, concrete block and wood-framed structure that is scheduled for extensive renovation work. Prior asbestos bulk sampling was conducted in limited areas by FCG in 2010, 2011 and 2014, primarily limited to areas of past water intrusion or planned renovations. In 2010, three bulk samples were collected from acoustical ceiling texture materials found in the Records, Dispatch and main corridor areas due to water damage from roofing leaks. Only the bulk sample from the main corridor tested positive for asbestos, with the Records and Dispatch areas testing negative. A survey of roofing materials was conducted by FCG in 2011. In 2014, a total of six bulk samples were collected from ceiling texture and wall plaster materials. While asbestos was detected in the ceiling texture, the plaster materials were non-detect for asbestos. Reports for these sampling events were provided to the client at the time and are summarized here.

Scope of Project: FCG was asked to perform an additional survey of interior building materials in areas of proposed renovations in order to identify hazardous materials concerns in accordance with federal, state and local regulations.

The following services were conducted to define asbestos and lead concerns at the subject site:

- A visual inspection of representative building materials was conducted to identify suspect asbestos and lead paint materials. This was limited to areas of proposed renovations and possible disturbance work. Previous sampling results were reviewed as part of this process.
- Bulk samples were collected from representative suspect materials for submittal to a qualified laboratory for asbestos analysis. All bulk samples were analyzed by SGS Forensic Analytical, a state-certified laboratory located in Carson, CA. All samples were analyzed by polarized light microscopy (PLM), to determine asbestos fiber concentrations in bulk building material samples. PLM is applicable for the analysis of building survey submissions and other bulk materials.
- Screening for lead-based paint was conducted using an X-Ray Fluorescence (XRF) paint analyzer to screen representative surfaces and materials suspected of being coated with lead-based paint.
- All field observations, laboratory analytical data, XRF readings and other findings have been evaluated, with this written report summarizing our findings and providing recommendations as necessary.

2.0 Asbestos Survey Findings

Suspect Materials: After a visual inspection at the subject site structures was completed, the following suspect asbestos containing materials were noted:

- Spray-applied acoustic ceiling texture (throughout several areas)
- 9" brown vinyl floor tiles (VFT) – various areas
- 12" grey VFT over other VFT – various areas (under carpet)
- Carpet glues
- Cove base mastics – throughout
- Partition Wallboard (Drywall with joint compound, tape, paint, etc.)
- Interior plaster walls (original construction)
- Acoustic ceiling tiles (2' x 4' format) – suspended T-bar in training room
- Exterior plaster

Bulk Sampling Results: FCG collected 37 bulk samples from suspect asbestos containing materials at the subject site. The samples were collected and forwarded to SGS Forensic Analytical, for analysis by Polarized Light Microscopy (PLM) using EPA Method 600/R-93-116, Visual Area Estimation.

Table 1 on the following page provides a summary of those materials which tested positive for asbestos based on laboratory analytical data from collected samples. Please refer to the Attachments to this report for a complete copy of the laboratory analytical results.

Table 1: List of Identified Asbestos Containing Materials

Sample ID	Asbestos Containing Material	Location	% Asbestos (Chrysotile)	Category & Friability
3, 5, 6, 7, 8, 10, 11, 12, 13, 14	Spray-Applied Acoustic Ceiling Texture	Throughout most areas (see attached plot plan)	**Beige Ceiling Texture = 2%** Paint = ND	Friable RACM
15, 16, 17	9" Brown VFT & Black Mastic (& Brown Mastic)	Men's Locker Rm (355 sf) Break Rm (200 sf) Women's Locker Rm (75 sf)	**Brown/Grey Tile = 2%** **Black Mastic = 2%** **Brown Mastic = Trace (<1%)** **Anthophyllite**	Category I, Non-friable Materials
18, 19, 20	12" Grey/Beige VFT & Black Mastic (Some Under Carpet)	Lobby, Interview Room, Corridor at West Entry (~1,020 sf)	Black Tile = ND Yellow Mastic = ND **Grey/Beige Tiles = 2%** **Black Mastic = 2%**	Category I, Non-friable Materials
21, 22	Black Mastic (Under Carpet)	Throughout Carpeted Areas (see plot)	Tan Mastic = ND **Black Mastic = 2%** Other Materials = ND	Category I, Non-friable Material
23, 24	Brown Mastic (behind cove base) Black Mastic (*possibly from flooring)	Throughout lower walls	***Black Mastic = 2%** Vinyl Cove Base = ND Tan Mastic = ND **Brown Mastic = Trace (<1%)** **Anthophyllite** White Plaster = ND	Category I, Non-friable Materials
All asbestos containing materials are Chrysotile unless otherwise noted Please refer to the attached laboratory report for more information *Black mastic in Sample 23 may be cross contamination from flooring and is unrelated to vinyl cove base mastic.				

Materials Showing a "Trace" of Asbestos: The following materials were tested and showed a "trace" or less than 1% asbestos by standard PLM methodology. Further analysis by more quantitative methods such as "Point Count" or transmission electron microscopy (TEM) would be required to quantify the actual concentration of asbestos in "trace" PLM sample results. Otherwise, these mastics must be managed as ACM. Trace materials include the following:

- *Brown mastic:* Located behind vinyl base cove throughout lower walls.

Materials Testing Negative: The following materials were sampled and tested negative for asbestos:

- Spray-applied acoustic ceiling texture in selected areas (Commanders office, rear corridor, portion of corridor outside front restrooms) – see the attached plot plan
- Carpet glues
- Drywall with joint compound
- Interior plaster
- Acoustic ceiling tiles (2' x 4' format) suspended ceiling in training room
- Exterior plaster

Notes on Tables and Assessment Terms

1) Asbestos containing material (ACM): Federal and County APCD regulations define ACM as any material or product that contains more than 1% asbestos.
2) Asbestos containing construction material (ACCM): State regulations define ACCM as any material with greater than 0.1% asbestos by weight.
3) Asbestos renovation: Defined by NESHAPS as the removal of more than 160 square feet or 260 linear feet of ACM. OSHA requires registration of all contractors removing more than 100 sq. ft. on any project.
4) Friable ACM: any ACM that when dry can be crumbled, pulverized, or reduced to powder by normal hand pressure.
5) Non-friable ACM: any ACM that **cannot** be reduced to powder by normal hand pressure.
6) Category I non-friable ACM: asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products (typically pliable materials, including sealants and mastics).
7) Category II non-friable ACM: any other ACM that when dry **cannot** be reduced to powder by hand pressure (typically non-pliable/cementitious materials).
8) Regulated Asbestos Containing Material (RACM): any *friable* ACM that will be removed during a renovation of a regulated structure. ACM that will become friable due to the removal technique is also regulated. Note: while linoleum flooring is considered Category II ACM while managed in place, removal *always* renders it friable.
9) Presumed Asbestos Containing Materials (PACM): This designation is for those materials which are normally asbestos containing but were not sampled due to access issues or potential for irreparable damage. This typically includes transite (asbestos cement) piping or sheeting, or HVAC insulation materials in walls, under floors, etc. where destructive testing is not recommended. Regulations allow asbestos inspectors to "presume" that these materials contain asbestos without laboratory data based on the inspector's experience and knowledge of building materials.
10) Trace (<1%) Asbestos: Federal and local APCD regulations define an asbestos containing material (ACM) as any compound with greater than 1% asbestos. The State of California through Cal-OSHA regulation further defines an asbestos containing material as any compound which meets or exceeds a concentration of 0.1% asbestos by weight. This definition is primarily for worker and occupant protection during disturbance work. The polarized light microscopy (PLM) method does not quantify the concentration asbestos in bulk samples at levels of less than 1%. Furthermore, PLM methodology will include all fibers with a similar aspect ratio (3:1) to asbestos fibers, and therefore may count non-asbestos fibers as part of the overall total. PLM analytical methods must report a "trace" amount where fibers are noted in concentrations of less than 1% of the total. Further analysis by more quantitative methods such as "Point Count" or transmission electron microscopy (TEM) are required to quantify the actual concentration of asbestos in "trace" PLM sample results.

Summary: Our survey has identified Asbestos Containing Materials (ACM) at the subject site which will require abatement or special handling as part of future site work. Please see the Conclusions & Recommendations (Section 4.0) below for further discussion regarding the abatement and proper handling of asbestos containing materials.

3.0 Lead-Based Paint Survey

FCG was contracted to perform field testing to determine the presence of lead-based paint or lead components at the subject site. A visual inspection conducted to identify areas of suspect lead-based paint or coatings. Screening for lead was conducted in the field using XRF methodology in accordance with current state and federal regulations. All field work was conducted by a Certified Lead Inspector/Assessor or Certified Lead Sampling Technician. The findings of this survey will be used by contracting personnel to determine appropriate lead safe work practices prior to future site work.

Background Information on Lead Paint Requirements: Several regulations apply to the disturbance and possible exposure to lead from paints and other coatings. Title 17 of the California Code of Regulations (CCR) applies to residences and buildings accessible to the public that were constructed prior to 1979, and schools constructed before 1993 where lead paint may exist. Cal-OSHA regulations found within Title 8 of the CCR apply to worker exposure as stated in the Lead-in-Construction Standard (8-CCR-1532.1). The EPA recently issued a final rule to address lead-based paint hazards created by renovation, repair and painting activities that disturb lead-based paint in target housing and child-occupied facilities.

The EPA's Lead Renovation, Repair and Painting (RRP) Program was passed into regulation requiring compliance with training and certification requirements per Title 40 of the Code of Federal Regulations (40 CFR Part 745). The RRP rule states that firms and individuals conducting renovations of target housing constructed before 1978 must assume that lead is present in all painted surfaces or coatings unless a written determination has been made by a Certified Inspector that the components affected by the renovation are free of paint or other surface coatings that contain lead equal to or in excess of 1.0 milligrams per square centimeter (mg/cm^2) or 0.5% by weight.

***Scope of Lead Testing Services*:** FCG's scope of services involved field testing through use of X-ray fluorescence (XRF) instrumentation, which provides instantaneous readings in the field. The XRF instrument is used because of its demonstrated abilities to accurately determine the amount of lead that is present without disturbing the painted surfaces, as well as their high speed and relatively low cost per sample. The XRF device is capable of measuring lead in both deteriorated and intact paint. See the Attachments to this report for more information on XRF sampling methodology.

Inspection Results: Per EPA and California regulations, paint or coatings are considered to be lead-based at concentrations at or above 1.0 milligram per square centimeter (mg/cm^2) using XRF technology. FCG tested representative remaining surfaces throughout the subject site where renovation work is planned. Calibration tests were performed at the beginning of the survey and again at the end of the survey to document that the equipment was working properly. All readings were logged into the instrument and later downloaded into an Excel spreadsheet (see attached). Results of our survey using XRF testing methodology are as follows:

Summary of Painted Surfaces Testing Positive for LBP: The following materials/surfaces were found to have lead concentrations at or above the regulatory level of 1.0 milligrams per square centimeter and are therefore considered positive for lead-based paint (LBP) per current state and federal regulations. We have provided a summary of all field readings testing positive for lead paint by building below:

- *White metal door frames – men's southeast restroom, Chief's Asst., janitor's closet*
- *Black metal door frame – south corridor*
- *White metal door frame & tan metal door jamb – men's locker room restroom, C side*
- *Tan metal door frame – men's locker room, C side*

Summary of Components Testing Positive for Lead: The following components tested positive for lead in the glazing compounds above the regulatory level for Lead-Based Paint (1.0 mg/cm^2 using XRF technology). Although not covered by the EPA's RRP rule, disturbance of

these components may create a lead hazard which is regulated under current OSHA and CA regulations and may require special handling as part of site renovation work.

- *White ceramic wall tiles – men's southeast restroom, all sides*
- *Tan/brown ceramic windowsill tiles – various areas throughout*
- *White ceramic baseboard tiles – men's & women's locker room restrooms, all sides*

General Notes:

- The majority of the painted surfaces showed *detectable* levels of lead, but at concentrations below the LBP regulatory level of 1.0 mg/cm^2 used for XRF field screening. All materials with any detectable level of lead may be regulated under the Lead in Construction Standard (Title 8, CCR, Section 1532.1). Please see the attached XRF data table for detailed information regarding field readings, sample locations and similar information.
- Lead Safe Work Practices should be used in all areas where LBP or detectable levels of lead are found to prevent possible worker exposure and possible contamination of the site.

Refer to the attached data tables for a summary of all XRF readings and all positive readings and the locations of lead-based materials. The A side noted on the table is the street side of the subject site and the B, C and D sides continue clockwise around the site.

4.0 Conclusions & Recommendations

An asbestos and lead-based paint survey of the site has been completed per the terms of our agreement to define hazardous materials issues prior to renovation activities. Based on our visual observations and our evaluation of analytical data, we conclude the following:

Asbestos:

1) ***Identified Asbestos Containing Materials (ACM):*** The following materials were found to contain greater than 1% asbestos and are regulated under current federal, state and local regulations as *ACM*:

    - ***Spray-Applied Acoustic Ceiling Texture (2% Chrysotile):*** Located throughout the facility in several locations. This is a friable, Regulated Asbestos Containing Material (RACM) which must be removed using full containment with negative pressure and HEPA filtration. It should be noted that at least 4 samples tested negative for asbestos. These samples were located in the rear corridor (Samples 1 & 2 near west door), the Commander's office (Sample 9) and in the N-S corridor outside the Lobby & Men's Restrooms. Please see the attached plot plan for details and sample locations.

    - ***9x9" Brown VFT (2% Chrysotile) & Black Mastic (2% Chrysotile):*** Located in the men's locker room & hall (~385 sq. ft.), the break room (~200 sq. ft.) and women's locker room (~75 sq. ft.). These are non-friable, Category I materials.

    - ***12x12" Grey VFT (2% Chrysotile) & Black Mastic (2% Chrysotile):*** Located in the lobby reception area, interview room (under carpet) and corridor at the west rear entry, with an estimated total of 1,020 sq. ft. These are non-friable, Category I materials.

- ***Black Mastic (2% Chrysotile):*** Located under carpeted areas throughout. All black mastic throughout the facility should be treated as ACM. This is a non-friable, Category I material.

2) ***Materials with Trace Asbestos*****:** The following materials were tested and found to contain less than 1% asbestos and therefore must be managed as ACM unless additional testing is conducted to quantify the actual concentration of asbestos:

- ***Brown Cove Base Mastic (<1% Anthophyllite):*** Located throughout the facility with an unknown amount. This is a non-friable, Category I material.

Asbestos Recommendations:

1) All identified asbestos containing materials (ACM) that will be disturbed as part of future site work must be handled in accordance with applicable federal, state and local regulations. Disturbance activities should be performed only by properly trained and licensed abatement contractors using appropriate controls to prevent fiber emissions during the removal process. This may include the use of wet methods (water mist), negative pressure containment, HEPA filtration and other engineering controls to keep fibers from being dispersed in accordance with current federal, state and local regulations.

2) Workers performing removal should be properly protected to prevent exposure, including the use of respiratory protection with HEPA filtration, protective suits, etc. Engineering controls must be in place. Disturbance of greater than 100 sq. ft. of any ACM or ACCM must be performed by trained and licensed asbestos contractors that are currently registered with the Dept. of Occupational Safety & Health (DOSH or Cal/OSHA).

3) The local enforcement agency for asbestos removal projects in this area is the Ventura County Air Pollution Control District (APCD). They require notification for removal of friable, regulated asbestos containing materials in quantities which exceed 100 square feet. Regardless of the quantities found, the survey report should be submitted for their review along with any required documentation or notifications for their review and approval. They also require notification for all demolition projects, including projects where a load-bearing wall is removed. Additional permit requirements may apply from the local Building Department. We recommend that you contact the local APCD and appropriate agencies directly for further information regarding permitting and regulatory requirements.

4) Asbestos waste materials must be properly stored, transported and disposed in accordance with current regulations. Federal and State laws consider friable asbestos waste to be hazardous waste which must be properly manifested and transported to a permitted facility for disposal. Non-friable asbestos materials which remain in a non-friable state are typically disposed as non-hazardous, asbestos-containing waste. These wastes are often allowed in typical Class III or Construction Debris landfill with proper approvals. It is important that the landfill be advised of the asbestos content and friability of the waste stream before transporting in order to ensure disposal authorization. Compounds with less than 1% total asbestos are typically disposed as non-hazardous construction waste.

5) The contractor conducting abatement work is responsible for complying with local, state and federal standards for worker protection and NESHAPS regulations regarding asbestos fiber emissions. Proper removal techniques must be followed to prevent the dissemination of asbestos fibers. Notification and permitting is typically the responsibility of the abatement contractor and/or property owner. If you would like assistance regarding these matters or would like the names of qualified contractors in your area, please feel free to contact FCG at (805) 646-1995.

Lead Conclusions & Recommendations: A lead-based paint survey has been completed per the terms of our agreement to define lead paint issues at the subject site, prior to future site work. Based on our visual observations and our XRF testing results, we conclude the following:

Lead Survey Findings: The painted surfaces listed in the Lead Survey Results (Section 3) above tested positive for lead at or above the regulatory threshold of 1.0 mg/cm^2 by XRF testing methodology and therefore meet the definition of Lead-Based Paint (LBP). This includes the following painted surfaces and components:

- *White metal door frames – men's southeast restroom, Chief's Asst., janitor's closet*
- *Black metal door frame – south corridor*
- *White metal door frame & tan metal door jamb – men's locker room restroom, C side*
- *Tan metal door frame – men's locker room, C side*
- *White ceramic wall tiles – men's southeast restroom, all sides*
- *Tan/brown ceramic windowsill tiles – various areas throughout*
- *White ceramic baseboard tiles – men's & women's locker room restrooms, all sides*

Lead Recommendations:

- All disturbance of LBP or lead components, including paint preparation work (sanding, scraping, etc.) must be conducted in accordance with applicable State and Federal regulations and industry standards for lead. We recommend that all paint preparation and disturbance work be performed by properly trained personnel using Lead Safe Work Practices (see attached), including dust reduction methods or containment as necessary to prevent generation of a lead hazard. Proper controls and lead safe work practices must be used to avoid the generation of lead dust emissions which may contaminate the site and pose a possible health risk to occupants, unprotected workers or the general public. This will include appropriate containment, wet methods and use of hand scraping or similar methods that will minimize the generation of airborne dust emissions and potential lead hazards.

- Several other painted surfaces indicated in the section above tested below the definition of LBP (<1.0 mg/cm^2) and therefore do not meet the definition of LBP. However, these painted surfaces may contain lead in concentrations that are subject to OSHA's Lead Exposure in Construction Standard (Title 8, CCR, Section 1532.1). Per Cal/OSHA, any material containing any detectable level of lead is subject to the worker protections and other requirements of this standard. Cal/OSHA states that employers can assume that disturbance of coatings or materials shown to contain less than 0.06% lead by weight or 600 ppm will not result in exposures above the Action Level (30 ug/m^3 lead in air). It is the responsibility of the employer to ensure that employees are not exposed above the Action Level or Permissible Exposure Limit per OSHA. We recommend that contracting personnel use appropriate controls and work practices to minimize generation of lead

dust or emissions which might create and exposure risk or result in contamination of the site.

- The ceramic tiles listed in Section 3.0 above were found to have lead concentrations above the 1.0 mg/cm^2 regulatory level and will create a lead hazard if they are disturbed as part of future site work. It should be noted that lead in ceramic tiles or porcelain fixtures is typically found in the glazing materials used to seal the components. Disturbance or damage to these items may result in the generation of a lead hazard due to the potential for lead dust to be generated. The components should be removed intact if possible. If these materials will be damaged, work must be conducted by trained workers using lead safe work practices. This will include appropriate containment, wet methods and use of hand tools or similar methods that will minimize the generation of airborne dust emissions and potential lead hazards. All surfaces must be HEPA cleaned and damp wiped to remove all dust and debris following removal of the tiles or porcelain.

- If the lead containing porcelain components will be removed or disturbed, the removal should be conducted by lead trained workers using appropriate dust controls and lead safe work practices unless they can be removed intact without damage or breaking the porcelain surfaces.

- All employees involved in paint preparation work must be properly trained in Lead Safe Work Practices, which must be implemented as part of this project. A general summary of Lead Safe Work Practices is provided in the attachments to this report. The attached Lead Safe Work Practices shall be used by contracting personnel for the successful completion of this project. Please refer to the attachments for additional information and summary of recommended work practices.

- All workers disturbing lead paint must be RRP trained, with an on-site Lead Supervisor with California Department of Public Health (CDPH) certification preferred. All workers must wear appropriate personal protective equipment (PPE), including protective suits, respirators with HEPA filtration, eye protection and other controls, including the use of impermeable drop sheets, wet methods and related controls.

- Lead waste materials should be properly contained and transported for off-site disposal at a permitted facility. Lead paint chips and similar lead waste is typically hazardous waste and must be properly manifested and disposed at a Class I landfill. If necessary, waste characterization testing should be conducted to ensure proper handling and disposal.

General:

- As our survey was limited to readily accessible areas, there is potential that suspect materials previously not included or identified by our survey could be discovered during site renovation work. This may include suspect materials located inside walls, under floors, above ceilings, etc. If suspect materials are found during site work, the area should be isolated, and any suspect materials tested to confirm or deny the presence of asbestos, lead or other hazards.

Limitations Statement

The data compiled and evaluated as part of this assessment was limited and may not represent all conditions at the subject site. Asbestos was widely used until the late 1970's in thousands of building materials (i.e. joint compound, wallboard, thermal system insulation (TSI), acoustical ceiling, roofing material, etc.), making it difficult to locate all areas of ACM usage. This assessment reflects the data collected from the specific locations tested to identify Asbestos Containing Materials (ACM) in those locations and may not be all encompassing. There is always potential for asbestos containing materials to be missed due to problems with accessibility, and the broad variety of uses. The presence or absence of lead-based paint or lead-based paint hazards applies only to the tested or assessed surfaces on the date of the field visit. It should be understood that conditions noted within this report were accurate at the time of the inspection and in no way reflect the conditions at the property after the date of the inspection. All data collection, findings, conclusions and recommendations presented by FCG within this report are based upon limited data using current standard practices accepted within the industry. The conclusions and recommendations presented within this report are based on current regulations and the professional experience of the certified professionals involved in this project.

The data collected during this assessment and any resulting recommendations shall be used only by the client for the site described in this report. Any use or reliance of this report by a third party, including any of its information or recommendations, without the explicit authorization of the client shall be strictly at the risk of the third party.

It should not be misconstrued that this assessment has identified any or all environmental conditions at the subject site. FCG makes no representations regarding the accuracy of the enclosed data and will not be held responsible for any incidental or consequential loss or punitive damages including but not limited to, loss of profits or revenues, loss of use of a facility or land, delay in construction or action of regulatory agencies.

If you have any questions or concerns regarding the information provided, please do not hesitate to call us at 805.646.1995.

FCG Environmental



Alan Forbess, Principal Consultant
Certified Lead Inspector/Assessor (LRC No. 505/504)
CA Certified Asbestos Consultant (CAC No. 94-1549)

Attachments: 1 - Forensic Analytical Results & Bulk Sampling Log (Asbestos), Plot Plan
2 - XRF Field Readings and XRF Sampling Methodology (Lead)
3 - FCG Inspector Certifications

Attachment 1

Laboratory Analytical Results for Asbestos Bulk Samples

Bulk Sample Log Sheets/Chain-of-Custody

Plot Plan with Sample Locations

SGS FORENSIC LABORATORIES

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Forbess Consulting Group (FCG)
Alan Forbess
1009 Mercer Avenue

Ojai, CA 93023

Client ID: 7238
Report Number: B327788
Date Received: 01/13/22
Date Analyzed: 01/18/22
Date Printed: 01/18/22
First Reported: 01/18/22

Job ID/Site: RWC-06; Santa Paula Police Station; 214 S. 10th St., Santa Paula

Date(s) Collected: 01/12/2022

SGSFL Job ID: 7238
Total Samples Submitted: 37
Total Samples Analyzed: 37

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
1	51508975						
Layer: White Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
2	51508976						
Layer: White Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
3	51508977						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
4	51508978						
Layer: White Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
5	51508979						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
6	51508980						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					

20535 South Belshaw Avenue, Carson, CA 90746 / Telephone: (310) 763-2374 (888) 813-9417 / Fax: (310) 763-4450

Report Number: B327788

Client Name: Forbess Consulting Group (FCG) **Date Printed:** 01/18/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
7	51508981						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
8	51508982						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
9	51508983						
Layer: White Non-Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
10	51508984						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
11	51508985						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
12	51508986						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
13	51508987						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
14	51508988						
Layer: Beige Non-Fibrous Material		Chrysotile	**2 %**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					

20535 South Belshaw Avenue, Carson, CA 90746 / Telephone: (310) 763-2374 (888) 813-9417 / Fax: (310) 763-4450

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
15	51508989						
Layer: Grey Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Layer: Brown Mastic		Anthophyllite	**Trace**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
Comment: This comment applies to the Brown Mastic only: Insufficient material for additional analyses.							
16	51508990						
Layer: Grey Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
17	51508991						
Layer: Grey Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					
18	51508992						
Layer: Black Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Grey Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (Trace)**					
19	51508993						
Layer: Yellow Mastic			**ND**				
Layer: Black Tile			**ND**				
Layer: Yellow Mastic			**ND**				
Layer: Grey Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (Trace)**					
20	51508994						
Layer: Grey Tile			**ND**				
Layer: Tan Mastic			**ND**				
Layer: Beige Tile		Chrysotile	**2 %**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (2%)**					

20535 South Belshaw Avenue, Carson, CA 90746 / Telephone: (310) 763-2374 (888) 813-9417 / Fax: (310) 763-4450

Report Number: B327788

Client Name: Forbess Consulting Group (FCG) **Date Printed:** 01/18/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
21	51508995						
Layer: Tan Mastic			**ND**				
Layer: White Non-Fibrous Material			**ND**				
Layer: Black Mastic		Chrysotile	**2 %**				
Layer: Grey Cementitious Material			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							
22	51508996						
Layer: Black Carpet			**ND**				
Layer: Tan Mastic			**ND**				
Layer: Black Mastic		Chrysotile	**2 %**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace) Synthetic (65 %)							
23	51508997						
Layer: Black Mastic		Chrysotile	**2 %**				
Layer: Brown Mastic		Anthophyllite	**Trace**				
Layer: White Plaster			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							
Comment: This comment applies to the Brown Mastic only: Insufficient material for additional analyses.							
24	51508998						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Tan Mastic			**ND**				
Layer: Brown Mastic		Anthophyllite	**Trace**				
Total Composite Values of Fibrous Components:		**Asbestos (Trace)**					
Cellulose (Trace)							
Comment: This comment applies to the Brown Mastic only: Insufficient material for additional analyses.							
25	51508999						
Layer: White Drywall			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Skimcoat/Joint Compounds			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (25 %) Fibrous Glass (Trace)							
26	51509000						
Layer: White Drywall			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Skimcoat/Joint Compound			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (25 %) Fibrous Glass (Trace)							

20535 South Belshaw Avenue, Carson, CA 90746 / Telephone: (310) 763-2374 (888) 813-9417 / Fax: (310) 763-4450

Report Number: B327788

Client Name: Forbess Consulting Group (FCG) **Date Printed:** 01/18/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
27	51509001						
Layer: White Drywall			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Skimcoat/Joint Compounds			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (25 %) Fibrous Glass (Trace)		**Asbestos (ND)**					
28	51509002						
Layer: White Drywall			**ND**				
Layer: Drywall Tape			**ND**				
Layer: White Skimcoat/Joint Compounds			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (25 %) Fibrous Glass (Trace)		**Asbestos (ND)**					
29	51509003						
Layer: White Skimcoat/Joint Compound			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
30	51509004						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
31	51509005						
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
32	51509006						
Layer: Off-White Drywall			**ND**				
Layer: Beige Plaster			**ND**				
Layer: White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
33	51509007						
Layer: Beige Fibrous Material			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (35 %) Fibrous Glass (45 %)		**Asbestos (ND)**					

20535 South Belshaw Avenue, Carson, CA 90746 / Telephone: (310) 763-2374 (888) 813-9417 / Fax: (310) 763-4450

Report Number: B327788

Client Name: Forbess Consulting Group (FCG) **Date Printed:** 01/18/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
34	51509008						
Layer: Black Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (95 %)		**Asbestos (ND)**					
35	51509009						
Layer: White Drywall			**ND**				
Layer: Drywall Tape			**ND**				
Layer: Off-White Skimcoat/Joint Compounds			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (20 %) Fibrous Glass (Trace)		**Asbestos (ND)**					
36	51509010						
Layer: Grey Plaster			**ND**				
Layer: Off-White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
37	51509011						
Layer: Grey Plaster			**ND**				
Layer: Off-White Plaster			**ND**				
Layer: Paint			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					



Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. All samples were received in acceptable condition unless otherwise noted.

20535 South Belshaw Avenue, Carson, CA 90746 / Telephone: (310) 763-2374 (888) 813-9417 / Fax: (310) 763-4450

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Client No.: 7238

FCG Environmental (Forbess Consulting Group, Inc.)
1009 Mercer Avenue
Ojai, CA 93023

Contact: Alan Forbess | Phone: (805) 646-1995

E-mail: aforbess@fcgenviro.com

Site Name: SANTA PAULA POLICE STATION

Site Location: 214 S. 10th ST. / SANTA PAULA

Comments:

PO / Job#: RWC-06 Date: 1/12/22

Turn Around Time: Same Day / 1Day / 2Day / 3Day / 4Day / 5Day

☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer

☑ PLM: ☑ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435

☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
☐ TEM Microvac: ☐ Qual / ☐ D5755(str/area) / ☐ D5756(str/mass)

☐ IAQ Particle Identification (PLM LAB) ☐ PLM Opaques/Soot
☐ Particle Identification (TEM LAB) ☐ Special Project

☐ Metals Analysis Matrix: Method:
Analytes:

☐ Silica in Air ☐ w/Gravimetry
☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
			A P C				
1-37 SEE ATTACHED LOGS			A P C				
			A P C				
* STOP AT 1ST POSITIVE ON			A P C				
THE FOLLOWING SAMPLE GROUPS			A P C				
(#1, #2)			A P C				
			A P C				
			A P C				
			A P C				
			A P C				

Sampled By: WM / BF Date/Time: 1/12/22

Shipped Via: ☒ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☐ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
Date / Time: 1/12/22 2:30	Date / Time:	Date / Time:
Received By: #10 1625	Received By:	Received By:
Date / Time: 01/13/22 9:50 AM	Date / Time:	Date / Time:
Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	1-12-22
Client:	RWC
Site:	214 S. 10TH ST.
Project:	RWC-6
Inspector(s):	WM / BF
Area/Unit:	

Friable: Friability Codes: N=Non-friable; F=Friable
Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed
ND=Detected
N=Negative

1	SPRAYED ON ACOUSTIC CEILING	REAR ENTRY/ FOYER WEST END		STOP AT 1ST	F	G
2		SMALL SECTION AT WEST WALL		POSITIVE #1, 2		F
3		CORRIDOR EAST/WEST AT DISPATCH				G
4		NORTH/SOUTH AT LOBBY				
5		NORTH/SOUTH AT EAST SIDE ENTRY				
6		CHIEF'S ASST. OFFICE				
7		BREAK ROOM				F
8		FEMALE TOILET ROOM				G
9		WEST COMMANDER'S OFFICE				
10		CORRIDOR TO DETECTIVE RM.				G
11		DETECTIVE RM.				
12		MALE LOCKER ROOM				F

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

Date:	1/12/22
Client:	RWC
Site:	214 S. 10TH ST.
Project:	RWC-6
Inspector(s):	WM / BC
Area/Unit:	

Friable: Friability Codes: N=Non-friable; F=Friable
Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed
ND=Detected
N=Negative

13	SPRAYED ON ACOUSTIC CEILING	LOBBY			F	G
14	↓ ↓	RECORDS			↓	↓
15	9" VFT LIGHT W/ BROWN MASTIC	MALE LOCKER ROOM	355 SF	MALE LOCK. RM. & HALL	N	F
16	↓ ↓ ↓	BREAK ROOM	200 SF	BREAK RM.	↓	↓
17	↓ ↓ ↓	FEMALE LOCKER ROOM	75 SF	FEM. LOCK. RM.	↓	↓
18	GREY 12" VFT OVER VFT W/ MASTIC	LOBBY RECEPTION	1,020 SF		N	F
19	BLACK ↓ ↓ ↓	INTERVIEW ROOM UNDER CPT.	↓	UNDER CARPET	↓	↓
20	GRAY ↓ ↓ ↓	CORRIDOR AT WEST REAR ENTRY	↓		↓	↓
21	CARPET GLUE	WEST COMMAN DOE'S OFFICE	T10	CARPETED AREAS	N	F
22	↓ ↓	DETECTIVES ROOM	↓		~~F~~	↓
23	BROWN 4" COVEBASE W/ MASTIC	BREAK ROOM	T10		N	F
24	↓ BLACK ↓	CORRIDOR AT MENS LOCKER	↓		↓	↓

FCG Environmental Inc.

Asbestos Bulk Sampling Field Log

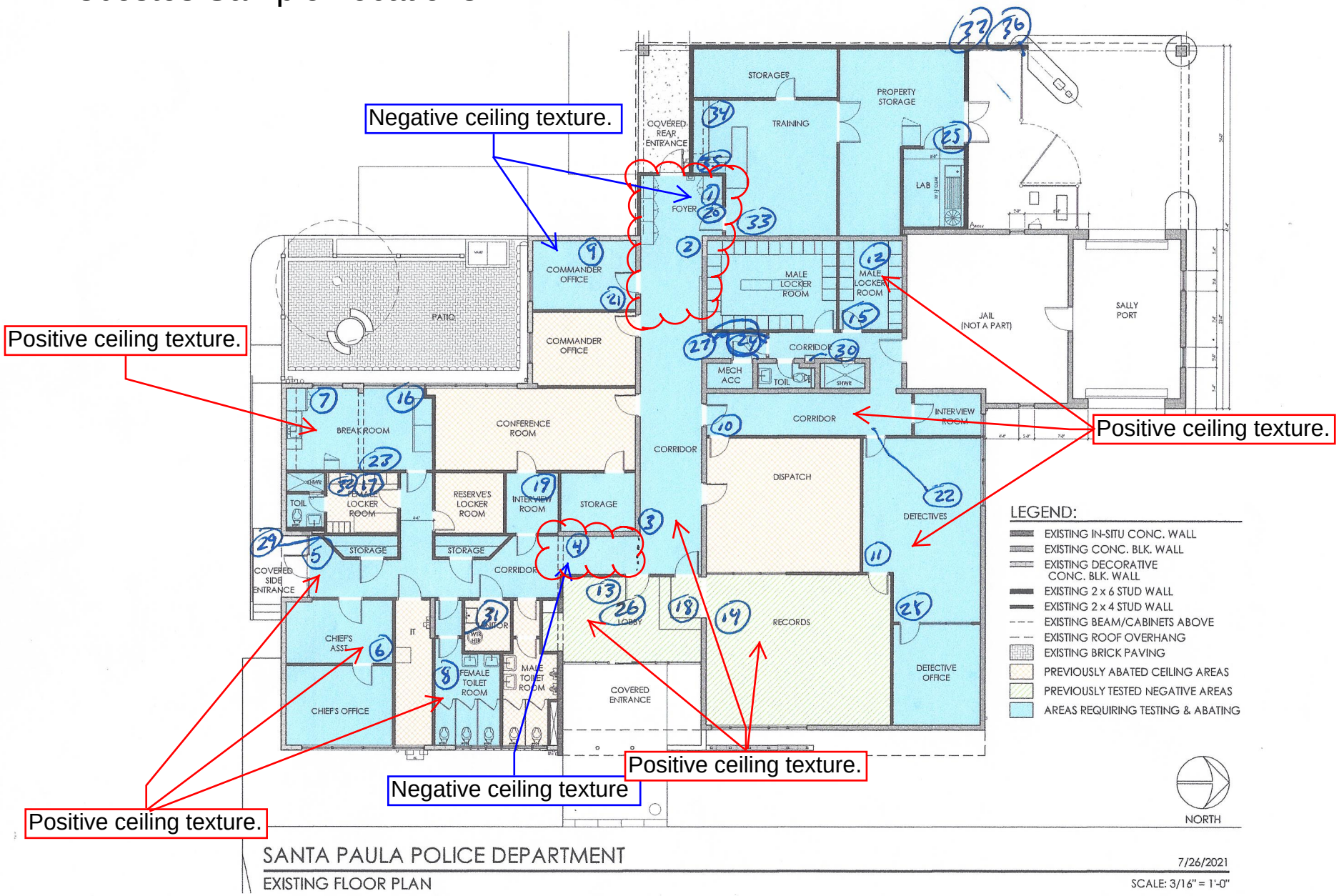
Date:	1/12/22
Client:	RWC
Site:	214 S. 10th ST.
Project:	RWC-6
Inspector(s):	WM/BF
Area/Unit:	

Friable: Friability Codes: N=Non-friable; F=Friable
Cond: Condition Codes: G=Good; F=Fair; P=Poor

NA=Not Analyzed
ND=Detected
N=Negative

25	DRYWALL W/JOINT COMP.	PROPERTY STORAGE			N	G
26	↓	LOBBY OVERHANG TOP			↓	↓
27	↓	CORRIDOR AT MEN'S LOCKER			↓	
28	↓	DETECTIVE ROOM			↓	
29	↓	N/S CORRIDOR SOUTH END			↓	↓
30	INT. PLASTER	MALE LOCKER RM. HALL			↓	P
31	↓	JANITOR'S CLOSET			↓	F
32	↓	FEMALE LOCKER RM			↓	
33	2X4 DROP CEILING TILE	TRAINING ROOM	290 SF		F	F
34	BLACK LAB TYPE COUNTER TOP	↓			N	G
35	DRYWALL W/JOINT COMP	↓			N	G
36	EXT PLASTER	EAVE AT PROP. RM			N	F
37	↓	WALL AT ↓			↓	↓

Plot Plan - SP Police Station
Asbestos Sample Locations



SANTA PAULA POLICE DEPARTMENT

EXISTING FLOOR PLAN

7/26/2021

SCALE: 3/16" = 1'-0"

Attachment 2

XRF Field Readings from Lead Based Paint Survey

XRF Sampling Methodology

Table of XRF Field Readings for Lead Paint & Lead Components
Santa Paula Police Station
214 S. 10th Street, Santa Paula, CA
[A Side = 10th St.]

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm²
CALIBRATE						Positive	1
CALIBRATE						Positive	1
CALIBRATE						Positive	1.1
WALL	CERAMIC TILE	ALL SIDES	INTACT	OFF-WHITE	WOMENS SE RR	Positive	6.5
FLOOR	CERAMIC TILE	ALL SIDES	INTACT	YELLOW	WOMENS SE RR	Negative	0
SINKS	PORC	C	INTACT	WHITE	WOMENS SE RR	Negative	0
TOILETS	PORC	A	INTACT	WHITE	WOMENS SE RR	Negative	0.01
WALL	CONCRETE BLOCK	A	INTACT	WHITE	WOMENS SE RR	Negative	0.19
WALL	PLASTER	B	INTACT	WHITE	WOMENS SE RR	Negative	0.06
WALL	PLASTER	C	INTACT	WHITE	WOMENS SE RR	Negative	0.17
WALL	PLASTER	D	POOR	WHITE	WOMENS SE RR	Negative	0.08
DOOR	WOOD	C	INTACT	WHITE	WOMENS SE RR	Negative	0.05
DOOR TR	WOOD	C	INTACT	WHITE	WOMENS SE RR	Negative	0.09
DOOR FR	METAL	C	INTACT	WHITE	WOMENS SE RR	Negative	0.14
DOOR FR	**METAL**	**C**	**INTACT**	**WHITE**	**MENS SE RR**	**Positive**	**3.1**
DOOR FR	**METAL**	**C**	**INTACT**	**WHITE**	**MENS SE RR**	**Positive**	**2.9**
DOOR TR	WOOD	C	INTACT	WHITE	MENS SE RR	Negative	0.06
DOOR	WOOD	C	INTACT	WHITE	MENS SE RR	Negative	0.03
WALL	CONCRETE BLOCK	A	INTACT	WHITE	MENS SE RR	Negative	0.19
WALL	PLASTER	B	INTACT	WHITE	MENS SE RR	Negative	0.09
WALL	PLASTER	C	INTACT	WHITE	MENS SE RR	Negative	0.15
WALL	PLASTER	D	INTACT	WHITE	MENS SE RR	Negative	0.07
CEILING	PLASTER	D	INTACT	WHITE	MENS SE RR	Negative	0.13
WALL	**CERAMIC TILE**	**ALL SIDES**	**INTACT**	**OFF-WHITE**	**MENS SE RR**	**Positive**	**6**
FLOOR	CERAMIC TILE	ALL SIDES	INTACT	YELLOW	MENS SE RR	Negative	0
TOILETS	PORC	A	INTACT	WHITE	MENS SE RR	Negative	0

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm²
SINKS	PORC	B	INTACT	WHITE	MENS SE RR	Negative	0.01
URINALS	PORC	D	INTACT	WHITE	MENS SE RR	Negative	0.01
WALL	PLASTER	A	INTACT	WHITE	CHIEFS ASST	Negative	0.11
WALL	CONCRETE BLOCK	B	INTACT	WHITE	CHIEFS ASST	Negative	0.08
WALL	PLASTER	C	INTACT	WHITE	CHIEFS ASST	Negative	0.14
WALL	PLASTER	D	INTACT	WHITE	CHIEFS ASST	Negative	0.17
DOOR	WOOD	A	INTACT	WHITE	CHIEFS ASST	Negative	0.02
DOOR FR	**METAL**	**A**	**INTACT**	**WHITE**	**CHIEFS ASST**	**Positive**	**4.2**
DOOR TR	WOOD	A	INTACT	WHITE	CHIEFS ASST	Negative	0.11
WALL	CONCRETE BLOCK	A	INTACT	WHITE	CHIEFS OFFICE	Negative	0.09
WALL	CONCRETE BLOCK	B	INTACT	WHITE	CHIEFS OFFICE	Negative	0.09
WALL	PLASTER	C	INTACT	WHITE	CHIEFS OFFICE	Negative	0.21
WALL	PLASTER	D	INTACT	WHITE	CHIEFS OFFICE	Negative	0.09
WINDOW SILL	**CERAMIC TILE**	**A**	**INTACT**	**TAN**	**CHIEFS OFFICE**	**Positive**	**5.3**
WALL	PLASTER	A	INTACT	WHITE	SOUTH CORRIDOR	Negative	0.07
WALL	DRYWALL	C	INTACT	WHITE	SOUTH CORRIDOR	Negative	0
WALL	DRYWALL	D	INTACT	WHITE	SOUTH CORRIDOR	Negative	0
WALL	PLASTER	D	INTACT	WHITE	SOUTH CORRIDOR	Negative	0.16
WALL	CONCRETE BLOCK	C	INTACT	WHITE	SOUTH CORRIDOR	Negative	0.15
DOOR	WOOD	A	INTACT	BLACK	SOUTH CORRIDOR	Negative	0.03
DOOR TR	WOOD	A	INTACT	BLACK	SOUTH CORRIDOR	Negative	0.17
DOOR FR	**METAL**	**A**	**INTACT**	**BLACK**	**SOUTH CORRIDOR**	**Positive**	**3.8**
DOOR FR	**METAL**	**C**	**INTACT**	**WHITE**	**JANITORS CLOSET**	**Positive**	**4.6**
DOOR	WOOD	C	INTACT	WHITE	JANITORS CLOSET	Negative	0.02
DOOR TR	WOOD	C	INTACT	WHITE	JANITORS CLOSET	Negative	0.06
WALL	DRYWALL	A	INTACT	WHITE	JANITORS CLOSET	Negative	0
WALL	DRYWALL	A	INTACT	TAN	JANITORS CLOSET	Negative	0
WALL	PLASTER	B	INTACT	TAN	JANITORS CLOSET	Negative	0.11

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm²
WALL	PLASTER	C	INTACT	TAN	JANITORS CLOSET	Negative	0.12
WALL	PLASTER	D	INTACT	TAN	JANITORS CLOSET	Negative	0.14
WALL	PLASTER	D	INTACT	WHITE	JANITORS CLOSET	Negative	0.16
WALL	PLASTER	C	INTACT	WHITE	JANITORS CLOSET	Negative	0.13
WALL	PLASTER	B	INTACT	WHITE	JANITORS CLOSET	Negative	0.21
CEILING	PLASTER	B	POOR	WHITE	JANITORS CLOSET	Negative	0.09
BASEBOARD	CERAMIC TILE	ALL SIDES	INTACT	WHITE	JANITORS CLOSET	Negative	0.03
FIREPLACE	CERAMIC TILE	ALL SIDES	INTACT	YELLOW	JANITORS CLOSET	Negative	0
MOP SINK	PORC	B	INTACT	WHITE	JANITORS CLOSET	Negative	-0.21
WINDOW SILL	**CERAMIC TILE**	**C**	**INTACT**	**TAN**	**JANITORS CLOSET**	**Positive**	**9.1**
WALL	CONCRETE BLOCK	B	INTACT	YELLOW	JANITORS CLOSET	Negative	0.15
WALL	CONCRETE BLOCK	C	INTACT	YELLOW	JANITORS CLOSET	Negative	0.1
WALL	PLASTER	A	INTACT	YELLOW	JANITORS CLOSET	Negative	0.2
WALL	PLASTER	D	INTACT	YELLOW	JANITORS CLOSET	Negative	0
CABINET	WOOD	B	INTACT	WHITE	JANITORS CLOSET	Negative	0.19
DOOR	WOOD	A	INTACT	GREY	JANITORS CLOSET	Negative	0
DOOR TR	WOOD	A	INTACT	GREY	JANITORS CLOSET	Negative	0
DOOR FR	METAL	A	INTACT	GREY	JANITORS CLOSET	Negative	0
DOOR FR	METAL	A	INTACT	GREY	JANITORS CLOSET	Negative	0.01
DOOR JM	METAL	A	INTACT	BLACK	JANITORS CLOSET	Negative	0.02
DOOR JM	METAL	D	INTACT	BLACK	FEMALE LOCKER RM	Negative	0.4
DOOR FR	METAL	D	INTACT	TAN	FEMALE LOCKER RM	Negative	0.3
DOOR TR	WOOD	D	INTACT	TAN	FEMALE LOCKER RM	Negative	0.22
DOOR	WOOD	D	INTACT	TAN	FEMALE LOCKER RM	Negative	0.01
WALL	PLASTER	A	INTACT	YELLOW	FEMALE LOCKER RM	Negative	0.18
WALL	PLASTER	B	INTACT	YELLOW	FEMALE LOCKER RM	Negative	0.03
WALL	PLASTER	C	INTACT	YELLOW	FEMALE LOCKER RM	Negative	0
WALL	PLASTER	D	INTACT	YELLOW	FEMALE LOCKER RM	Negative	0.19

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm²
CEILING	PLASTER	D	INTACT	WHITE	FEMALE LOCKER RM	Negative	0
WALL	PLASTER	A	INTACT	YELLOW	FEMALE LOCKER RM RR	Negative	0.06
WALL	PLASTER	C	INTACT	YELLOW	FEMALE LOCKER RM RR	Negative	0
WALL	PLASTER	D	INTACT	YELLOW	FEMALE LOCKER RM RR	Negative	0
WALL	CONCRETE BLOCK	B	INTACT	YELLOW	FEMALE LOCKER RM RR	Negative	0.11
BASEBOARD	**CERAMIC TILE**	**ALL SIDES**	**INTACT**	**WHITE**	**FEMALE LOCKER RM RR**	**Positive**	**6.8**
SHOWER	CERAMIC TILE	ALL SIDES	INTACT	WHITE	FEMALE LOCKER RM RR	Negative	0
TOILET	PORC	A	INTACT	WHITE	FEMALE LOCKER RM RR	Negative	0.03
SINK	PORC	A	INTACT	WHITE	FEMALE LOCKER RM RR	Negative	0
DOOR	WOOD	D	INTACT	RED	FEMALE LOCKER RM RR	Negative	0.02
DOOR TR	WOOD	D	INTACT	TAN	FEMALE LOCKER RM RR	Negative	0
DOOR FR	METAL	D	INTACT	TAN	FEMALE LOCKER RM RR	Negative	0.01
FLOOR	CERAMIC TILE	D	INTACT	YELLOW	FEMALE LOCKER RM RR	Negative	0
DOOR	METAL	C	INTACT	BLACK	RECORDS	Negative	0
DOOR FR	METAL	C	INTACT	BLACK	RECORDS	Negative	0
WALL	CONCRETE BLOCK	A	INTACT	GREEN	RECORDS	Negative	0.2
WALL	CONCRETE BLOCK	B	INTACT	GREEN	RECORDS	Negative	0.1
WALL	DRYWALL	C	INTACT	BROWN	RECORDS	Negative	0
WALL	DRYWALL	D	INTACT	GREEN	RECORDS	Negative	0
WINDOW SILL	**CERAMIC TILE**	**A**	**INTACT**	**TAN**	**RECORDS**	**Positive**	**6.9**
DOOR	WOOD	C	INTACT	BROWN	RECORDS	Negative	0.02
DOOR FR	METAL	C	INTACT	BROWN	RECORDS	Negative	0
WINDOW	METAL	C	INTACT	WHITE	RECORDS	Negative	0
WALL	DRYWALL	A	INTACT	GREY	DISPATCH	Negative	0
WALL	CONCRETE BLOCK	B	INTACT	GREY	DISPATCH	Negative	0.16
WALL	DRYWALL	C	INTACT	GREY	DISPATCH	Negative	0
WALL	DRYWALL	D	INTACT	GREY	DISPATCH	Negative	0
WALL	CONCRETE BLOCK	D	INTACT	TAN	DETECTIVES OFFICES	Negative	0.11

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm²
WALL	CONCRETE BLOCK	D	INTACT	WHITE	DETECTIVES OFFICES	Negative	0.12
WALL	CONCRETE BLOCK	C	INTACT	WHITE	DETECTIVES OFFICES	Negative	0.05
WALL	CONCRETE BLOCK	C	INTACT	TAN	DETECTIVES OFFICES	Negative	-0.01
WALL	CONCRETE BLOCK	A	INTACT	BROWN	DETECTIVES OFFICES	Negative	0.18
WALL	DRYWALL	B	INTACT	TAN	DETECTIVES OFFICES	Negative	0
WALL	DRYWALL	A	INTACT	TAN	DETECTIVES OFFICES	Negative	0
WALL	DRYWALL	B	INTACT	BLUE	DETECTIVES OFFICES	Negative	0
WINDOW	METAL	B	INTACT	BROWN	DETECTIVES OFFICES	Negative	0.04
WINDOW SILL	**CERAMIC TILE**	**D**	**INTACT**	**TAN**	**DETECTIVES OFFICES**	**Positive**	**7.5**
BASEBOARD	**CERAMIC TILE**	**ALL SIDES**	**INTACT**	**WHITE**	**MENS LOCKER RM RR**	**Positive**	**7.4**
FLOOR	CERAMIC TILE	ALL SIDES	INTACT	YELLOW	MENS LOCKER RM RR	Negative	0
DOOR	WOOD	C	INTACT	WHITE	MENS LOCKER RM RR	Negative	0.08
DOOR TR	WOOD	C	INTACT	WHITE	MENS LOCKER RM RR	Negative	0.05
DOOR FR	**METAL**	**C**	**POOR**	**WHITE**	**MENS LOCKER RM RR**	**Positive**	**1.9**
DOOR JM	**METAL**	**C**	**POOR**	**TAN**	**MENS LOCKER RM RR**	**Positive**	**2.8**
WALL	CONCRETE BLOCK	A	POOR	WHITE	MENS LOCKER RM RR	Negative	0.1
WALL	PLASTER	B	POOR	WHITE	MENS LOCKER RM RR	Negative	0.18
WALL	PLASTER	C	POOR	WHITE	MENS LOCKER RM RR	Negative	0.08
WALL	PLASTER	D	POOR	WHITE	MENS LOCKER RM RR	Negative	0.04
DOOR	WOOD	B	INTACT	TAN	MENS LOCKER RM	Negative	0
DOOR FR	METAL	B	POOR	TAN	MENS LOCKER RM	Negative	0.02
DOOR FR	**METAL**	**C**	**POOR**	**TAN**	**MENS LOCKER RM**	**Positive**	**2.6**
WALL	PLASTER	A	INTACT	WHITE	MENS LOCKER RM	Negative	0.16
WALL	PLASTER	B	INTACT	WHITE	MENS LOCKER RM	Negative	0
WALL	PLASTER	C	INTACT	WHITE	MENS LOCKER RM	Negative	0.17
WALL	PLASTER	D	INTACT	WHITE	MENS LOCKER RM	Negative	0
SHOWER	CERAMIC TILE	ALL SIDES	INTACT	WHITE	MENS LOCKER RM	Negative	0
WALL	CONCRETE BLOCK	C	INTACT	WHITE	MENS LOCKER RM	Negative	0.09

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm²
WALL	CONCRETE BLOCK	A	INTACT	GREY	CONFERANCE RM	Negative	0.03
WALL	CONCRETE BLOCK	D	INTACT	GREY	CONFERANCE RM	Negative	0.11
WALL	DRYWALL	B	INTACT	GREY	CONFERANCE RM	Negative	0
WALL	DRYWALL	C	INTACT	GREY	CONFERANCE RM	Negative	0
CEILING	PLASTER	C	INTACT	WHITE	CONFERANCE RM	Negative	0
WINDOW SILL	**CERAMIC TILE**	**C**	**INTACT**	**BROWN**	**CONFERANCE RM**	**Positive**	**11.2**
DOOR	WOOD	D	INTACT	BROWN	CONFERANCE RM	Negative	0.13
DOOR FR	METAL	D	INTACT	BROWN	CONFERANCE RM	Negative	0.25
DOOR JM	METAL	D	INTACT	BLACK	CONFERANCE RM	Negative	0.24
DOOR JM	METAL	D	INTACT	BLACK	COMMANDERS OFFICE	Negative	0
DOOR JM	METAL	D	INTACT	BLACK	COMMANDERS OFFICE	Negative	0.3
DOOR FR	METAL	D	INTACT	TAN	COMMANDERS OFFICE	Negative	0.23
WINDOW SILL	**CERAMIC TILE**	**B**	**INTACT**	**TAN**	**COMMANDERS OFFICE**	**Positive**	**12.5**
WALL	CONCRETE BLOCK	B	INTACT	WHITE	COMMANDERS OFFICE	Negative	0
WALL	CONCRETE BLOCK	C	INTACT	WHITE	COMMANDERS OFFICE	Negative	0.07
WALL	CONCRETE BLOCK	D	INTACT	WHITE	COMMANDERS OFFICE	Negative	0.08
WALL	DRYWALL	A	INTACT	WHITE	COMMANDERS OFFICE	Negative	0
WALL	CONCRETE BLOCK	A	INTACT	BLUE	TRAINING RM	Negative	0
WALL	DRYWALL	B	INTACT	BLUE	TRAINING RM	Negative	0
WALL	DRYWALL	C	INTACT	BLUE	TRAINING RM	Negative	0
WALL	DRYWALL	D	INTACT	BLUE	TRAINING RM	Negative	0
DOOR	WOOD	D	INTACT	TAN	TRAINING RM	Negative	0.11
DOOR FR	METAL	D	INTACT	TAN	TRAINING RM	Negative	0
WALL	PLASTER	D	INTACT	TAN	EVEDENCE	Negative	0
WALL	DRYWALL	A	INTACT	TAN	EVEDENCE	Negative	0
WALL	CONCRETE BLOCK	A	INTACT	TAN	EVEDENCE	Negative	0
WALL	PLASTER	B	INTACT	TAN	EVEDENCE	Negative	0
CEILING	STUCCO	D	INTACT	TAN	EVEDENCE OUTSIDE	Negative	0

Component	Substrate	Side	Condition	Color	Area	Results	Lead mg/cm²
WALL	CONCRETE BLOCK	D	INTACT	TAN	EVEDENCE OUTSIDE	Negative	0
WALL	STUCCO	C	INTACT	WHITE	OUTSIDE	Negative	0
WALL	CONCRETE BLOCK	D	INTACT	WHITE	OUTSIDE	Negative	0
WALL	CONCRETE BLOCK	A	INTACT	WHITE	OUTSIDE	Negative	0
WALL	CONCRETE BLOCK	B	INTACT	WHITE	OUTSIDE	Negative	0
EAVES	STUCCO	B	INTACT	WHITE	OUTSIDE	Negative	0
EAVES	STUCCO	D	INTACT	WHITE	OUTSIDE	Negative	0
CALIBRATE						Positive	1
CALIBRATE						Positive	1.1
CALIBRATE						Positive	1.1

XRF Sampling Methodology: All inspections include a visual inspection of site surfaces to identify painted components and general site conditions. Field testing is performed by a CA Certified Lead Inspector/Assessor using a Niton X-Ray fluorescence (XRF) lead paint analyzer. The XRF sampling method uses a field instrument (X-Ray Fluorescence or XRF gun) to characterize suspect painted surfaces and components. XRF equipment is used to sample materials suspected of being coated with lead-based paint and lead-containing materials by "reading" the suspect materials through direct contact. The advantage of this method is that it provides instantaneous results and is a non-destructive method which allows for the collection of as many samples as time allows for the daily cost of the instrument. This survey method can also identify lead in ceramic tiles, porcelain or other suspect building materials. The survey attempts to define the extent of LBP and estimate quantities where possible. Paint is determined positive using the CA Dept. of Health Services criteria of 1.0 milligrams per square centimeter (mg/cm^2). During the survey, the front or main side of the building is typically designated as the "A" side, with the remaining sides designated as "B", "C" and "D" continuing in a clockwise manner. Where appropriate, a field sketch or plot plan is provided.

Instrument Calibration: The calibration of the Niton XLP 300A X-Ray fluorescence (XRF) instrument is done in accordance with the Performance Characteristic Sheet (PCS) for this instrument. These XRF instruments are calibrated using a calibration standard block of known lead content. Three calibration readings are taken before and after each property is tested to ensure manufacturer's standards are met. If the inspection is longer than 4 hours, a set of 3 calibration readings must be taken before the 4 hours expires, and then an additional 3 calibration readings taken at the end of the inspection. If for any reason the instruments are not maintaining a consistent calibration reading within the manufacturer's standards for performance on the calibration block supplied by the manufacturer, manufacturer's recommendations are used to bring the instrument into calibration. If the instrument cannot be brought back into calibration, it is taken off the site and sent back to the manufacturer for repair and/or re-calibration.

Inspector Training and Qualifications: All inspectors utilized by FCG are Certified Lead Inspectors/Assessors, having obtained certification through the *California Department of Public Health (CDPH*). All inspectors have taken a State-certified 40-hour Inspector/Assessor course and passed the State Inspector/Assessor Exam. All FCG field personnel have also been trained in the use, calibration and maintenance of the X-Ray Fluorescence (XRF) equipment they currently use, along with necessary principles of radiation safety through a training program provided by the manufacturer.

Equipment Information: The field instrument used on this project was a Niton Model XLP 300A X-Ray fluorescence (XRF) lead paint analyzer (Serial No. 10106). The Niton instrument uses a high performance, electrically cooled, solid-state detector optimized for lead (Pb) analysis using L-shell and K-shell x-ray detection. This instrument allows for XRF spectrum analysis in the field with automatic Positive/Negative decision and automatic corrections for substrate bias and age of source. All negative classifications in all paint-test modes are verified by negative K-shell x-ray readings. Please see Attachment 2 for a copy of the Performance Characteristic Sheet provided by Niton for the XLp 300A instrument. This document contains detailed information regarding the XRF instrument calibration, inconclusive range or thresholds for various substrates, operating parameters and other information. For more information on the Niton Model XLP 300A instrument, please visit the following website: www.thermo.com/niton

Attachment 3

FCG Inspector Certifications

Alan W. Forbess, Certifications (2022-2023)

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Alan Wayne Forbess
Name



Certification No. **94-1549**

Expires on **01/12/23**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00000505	6/18/2022
	Lead Project Monitor	LRC-00000504	6/18/2022

Alan Forbess

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.

AMERICAN COUNCIL for ACCREDITED CERTIFICATION

ALAN W. FORBESS

CMC

BOARD CERTIFIED
#0804051
Exp. 6/30/2022

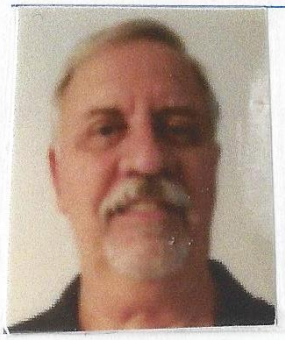
Council-certified Microbial Consultant

FCG Staff Certifications – William A. Miller

State of California
Division of Occupational Safety and Health

Certified Site Surveillance Technician

William A Miller



Name

Certification No. **07-4160**

Expires on **03/22/23**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00000721	6/13/2022
	Lead Project Monitor	LRC-00000720	6/13/2022

William Miller

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.

ENCORP

NIOSH582-022508-001
Certificate Number

ENVIRONMENTAL NETWORK CORPORATION
16750 Valley View Avenue, La Mirada, California 90638
(714) 523-9811 Fax (714) 523-9810
main@encorp.net

This is to certify that

William Miller

000-00-7208

has attended and satisfactorily completed the course in

Sampling and Evaluating Airborne Asbestos Dust

NIOSH 582 Equivalent

on this day

February 29, 2008

William Bohning — *Course Instructor*

Miguel Orozco — *Laboratory Manager*

Blake Forbess Certifications 2022

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Blake R Forbess
Name



Certification No. 18-6328

Expires on 11/15/22

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Sampling Technician	LRC-00003725	10/31/2022

Blake Forbess

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.