



Trenton Hansen, Ph.D.
Superintendent

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Date: March 4, 2026

Re: 25-26-13PD - Children & Family Services West Portable– Addendum #2

TO ALL BIDDERS:

The following changes, omissions, and/or additions to the Bid Documents and/or Project Manual and/or Drawings shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same. All parties of interest shall take careful note of the addendum so that the proper allowances may be made in strict accordance with the Addendum.

Bidder shall acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject Bidder disqualification.

In case of conflict between Drawings, bid documents and this addendum, this addendum shall govern.

ITEM #1 **Bid Opening Reminder**

Submit sealed bids no later than 2:00pm on Monday, March 9, 2026.

ITEM #2 **Prequalification List**

Final prequalification list has been attached to this Addendum. ONLY use the list attached for this project.

ITEM #3 **Ruhnau Clarke Architects - Addendum 2**

Please reference Ruhnau Clarke Architects' Addendum No. 2, attached. Combined, District Addendum 2 and Architect Addendum 2, should be acknowledged in Bid Docs as Addendum 2.

ITEM #4 **Question: On Sheet ES-1.1, there is a long trench, approximately 785LF, that is shown running through multiple existing parking lots and planter areas. The current plans call for trenching through this area; however, would it be acceptable to bore this conduit run to avoid the damage to the existing parking lots and landscape areas? The contractor would still install the pull boxes as shown on the plan, but now, if approved,**

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the contractor would be allowed to bore to these locations instead of trenching this long way. Please confirm that boring the long feeder trench is acceptable.

Answer: Confirmed, this is acceptable.

ITEM #5 **Question: I see you have included TMP Ramp Services plans in our bid plans. Can you please confirm who is supplying the ramps for the 2 buildings?**

Answer: Ramps to be relocated from Rubidoux High School and installed per PC plans provided in bid set. Contractor to coordinate with district on ramp pieces required and relocation to site.

ITEM #6 **Question: Can you please provide an existing Topography of site? I don't see one in plans**

Answer: Topography Survey will be provided in forthcoming addendum.

ITEM #7 **Question: I do not see spec for marquee sign and also the no spec for the Aluminium Panels per sheet ASD-1/ detail 15 and what they are supposed to say on them**

Answer: See forthcoming addendum for items.

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February 13, 2026

ADDENDUM NO. 2

TO THE CONTRACT DOCUMENTS

FOR
SKY COUNTRY ES – CHILDREN & FAMILY SERVICES WEST
FOR THE
JURUPA UNIFIED SCHOOL DISTRICT
4850 PEDLEY RD, JURUPA VALLEY, CA
JURUPA VALLEY, CA 92509

DSA #04-124109 FILE #33-19 RCA Job No. 1-41-58

NOTICE TO BIDDERS

This Addendum forms a part of the Contract and modifies the original bidding documents issued on February 3, 2026. It is intended that all work affected by the following modifications shall conform with related provisions and general conditions of the contract of the original drawings and specifications. Modify the following items wherever appearing in any drawing or sections of the specifications. Acknowledge receipt of Addendum No. 2 in the space provided on the Bid Form. Failure to do so may subject bidder to disqualification.

CHANGES TO THE DRAWINGS

SPECIFICATION DRAWINGS

- Item No. 2.1 Reference Sheet SPC-3 – Specifications Specification
 - 2.1.1 Add Specification Section 01 78 39 per attached Specification Section 01 78 39.
- Item No. 2.2 Reference Sheet SPC-4 – Specifications Specification
 - 2.2.1 Add Specification Section 10 11 00 per attached Specification Section 10 11 00.

CIVIL DRAWINGS

- Item No. 2.3 Reference Sheet C-3.0 – Precise Grading Plan
 - 2.3.1 Revise Site Plan per clouded areas on attached Sheet C-3.0.
- Item No. 2.4 Reference Sheet C-6.0 – Horizontal Control Plan
 - 2.4.1 Revise Site Plan per clouded areas on attached Sheet C-6.0.

ARCHITECTURAL DRAWINGS

- Item No. 2.5 Reference Sheet A-1.0 – Proposed floor Plan, Finishes
 - 2.5.1 Refer to Detail 10, Revise Floor plan per clouded areas on attached Sheet A-1.0.
 - 2.5.2 Add Keynotes per clouded areas on attached Sheet A-1.0.
 - 2.5.3 Refer to Detail 21, Add Interior Elevation for new Markerboard per attached Sheet A-1.0.
 - 2.5.4 Refer to Detail 22, Add Markerboard detail per attached Sheet A-1.0.

- 2.5.5 Refer to Detail 28, Add Projector Mount detail per attached Sheet A-1.0.
- Item No. 2.6 Reference Sheet A-2.0 – Existing Ceiling Plan
 - 2.6.1 Refer to Detail 7, Revise Reflected Ceiling Plan per clouded areas on attached Sheet A-2.0.
 - 2.6.2 Refer to Detail 16, Add Ceiling Expansion Joint detail per clouded area on attached Sheet A-2.0.
 - 2.6.3 Refer to Detail 20, Add Downspout at Wall detail per clouded area on attached Sheet A-2.0.
 - 2.6.4 Refer to Detail 25, Add Missing Exterior Elevation per clouded area on attached Sheet A-2.0.
- Item No. 2.7 Reference Sheet A2.0A – Roof Plan
 - 2.7.1 Refer to Keynotes, Revise Keynote 2 to “Remove and replace existing Continuous 26 GA Gutter”
 - 2.7.2 Refer to Roof Plan, Revise Keynote 3 to “Remove and replace existing Roof Panels. Provide 24 GA. Metal Sales, Magna-Loc 180, Flat Pan, Metal Roof Panel System with 2” Rib Height at 18” on center per ICC ESR-2385. Color to be “Metallic Silver” #K7.

ELECTRICAL DRAWINGS

- Item No. 2.8 Reference Sheet E-0.7 – Electrical Specifications
 - 2.8.1 Revise Structured Cabling System Specifications per attached Specification Section 27 10 00.
- Item No. 2.9 Reference Sheet E-2.1 – Electrical Plan and Fire Alarm Plan
 - 2.9.1 Refer to Detail 1, Revise plan per attached clouded Sheet E-2.1.

SPECIFICATIONS: 01 78 39, 10 11 00, 27 10 00

DRAWINGS: C-3.0, C-6.0, A-1.0, A-2.0, E-2.1

END OF ADDENDUM 2

 Roger Clarke, Principal
 #C-21340

SECTION 01 78 39
PROJECT RECORD DOCUMENTS

PART 1 - GENERAL

1.01 SUMMARY

- A. Record Drawings.
- B. Record Specifications.
- C. Record Product Data.
- D. Record Samples.
- E. Record Photos and Video.
- F. Miscellaneous record submittals.

1.02 RELATED REQUIREMENTS:

- A. Section 01 20 00 - Price and Payment Procedures: Schedule of Values.
- B. Section 01 30 00 - Administrative Requirements: Project Coordination.
- C. Section 01 78 00 - Closeout Submittals: General Closeout.

1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Project Record Documents: Recorded actual locations.

PART 2 -PRODUCTS - NOT USED

PART 3 - EXECUTION

3.01 RECORD DRAWINGS

- A. Record Documents: Maintain one set of marked-up PDF copies of the Contract Drawings and Shop Drawings, incorporating new and revised drawings as modifications are issued.
 - 1. Preparation: Mark record prints to show the actual installation where installation varies from that shown originally. Require individual or entity who obtained record data, whether individual or entity is Installer, subcontractor, or similar entity, to provide information for preparation of corresponding marked-up record prints.
 - a. Give particular attention to information on concealed elements that would be difficult to identify or measure and record later.
 - b. Accurately record information in an acceptable drawing technique.
 - c. Record data as soon as possible after obtaining it.
 - d. Record and check the markup before enclosing concealed installations.

- e. Cross-reference record prints to corresponding archive photographic documentation.
2. Content: Types of items requiring marking include, but are not limited to, the following:
 - a. Field changes of dimensions from Drawings.
 - b. Revisions to details shown on Drawings.
 - 1) Details not on original Contract Drawings. Application of copies of details produced and provided by Architect during construction will be accepted.
 - c. Depths of foundations and footing, measured in relation to finish First Floor datum.
 - d. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent ground improvements.
 - e. Revisions to routing of piping and conduits.
 - f. Revisions to electrical circuits.
 - g. Actual equipment locations and sizes.
 - h. Duct size and routing.
 - i. Locations of concealed internal utilities.
 - j. Permanent Room names and Room numbers.
 - k. Changes made by Change Order or Construction Change Directive.
 - l. Changes made following written orders by District or Construction Manager.
 - m. Changes made following Architect's written orders.
 - n. Note clarifications from RFI's.
 - o. Field records for variable and concealed conditions.
 - p. Record information on the Work that is shown only schematically.
 3. Mark the Contract Drawings and Shop Drawings completely and accurately. Use personnel proficient at recording graphic information in production of marked-up record prints.
 4. Mark record sets with erasable, red-colored pencil. Use other colors to distinguish between changes for different categories of the Work at same location.
 5. Mark important additional information that was either shown schematically or omitted from original Drawings.
 6. Note Construction Change Directive numbers, alternate numbers, Change Order numbers, and similar identification, where applicable.
- B. Record Digital Data Files: Immediately before inspection for Certificate of Substantial Completion, review marked-up record prints with Architect. When authorized, prepare a full set of corrected digital data files of the Contract Drawings, as follows:
1. Format: Same digital data software program, version, and operating system as the original Contract Drawings.
 - a. Format: DWG, Version, Microsoft Windows operating system.

2. Incorporate changes and additional information previously marked on record prints. Delete, redraw, and add details and notations where applicable.
 3. Refer instances of uncertainty to Architect and Construction Manager for resolution.
 4. Architect will furnish Contractor one set of digital data files of the Contract Drawings for use in recording information.
 - a. See Section 013550 for requirements related to use of Architect's digital data files.
 - b. Architect will provide data file layer information. Record markups in separate layers.
- C. Newly Prepared Record Drawings: Prepare new Drawings instead of preparing record Drawings where Architect determines that neither the original Contract Drawings nor Shop Drawings are suitable to show actual installation.
1. New Drawings may be required when a Change Order is issued as a result of accepting an alternate, substitution, or other modification.
 2. Consult Architect and Construction Manager for proper scale and scope of detailing and notations required to record the actual physical installation and its relation to other construction. Integrate newly prepared record Drawings into record Drawing sets; comply with procedures for formatting, organizing, copying, binding, and submitting.
- D. Format: Identify and date each record Drawing; include the designation "PROJECT RECORD DRAWING" in a prominent location.
1. Record Prints: Organize record prints and newly prepared record Drawings into manageable sets. Bind each set with durable paper cover sheets. Include identification on cover sheets.
 2. Format: Annotated PDF electronic file with comment function enabled.
 3. Record Digital Data Files: Organize digital data information into separate electronic files that correspond to each sheet of the Contract Drawings. Name each file with the sheet identification. Include identification in each digital data file.
 4. Identification:
 - a. Project name and number.
 - b. Date.
 - c. Designation "PROJECT RECORD DRAWINGS."
 - d. Name of Architect and Construction Manager.
 - e. Name of Contractor.

3.02 RECORD SPECIFICATIONS

- A. Preparation: Mark Specifications in PART 2 to indicate the actual product installation where installation varies from that indicated in Specifications, addenda, and contract modifications.
1. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
 2. Mark copy with the proprietary name and model number of products, materials, and equipment furnished, including substitutions and product options selected.

3. Record the name of manufacturer, supplier, Installer, and other information necessary to provide a record of selections made.
 4. For each principal product, indicate whether record Product Data has been submitted in operation and maintenance manuals instead of submitted as record Product Data.
 5. Note related Change Orders, record Product Data, and Record Drawings, where applicable.
- B. Format: Submit record Specifications as annotated PDF electronic file.

3.03 RECORD DESIGN AND ENGINEERING DATA

- A. Fire Systems:
1. Provide updated SDU files at each:
 - a. One flash drive placed inside fire panel cabinet.
 - b. One flash drive turned over to District.
 - c. One file copy emailed Operations and Facilities Director or District.

3.04 RECORD PRODUCT DATA

- A. Preparation: Mark Product Data to indicate the actual product installation where installation varies substantially from that indicated in Product Data submittal.
1. Give particular attention to information on concealed products and installations that cannot be readily identified and recorded later.
 2. Include significant changes in the product delivered to Project site and changes in manufacturer's written instructions for installation.
 3. Note related Change Orders, record Specifications, and record Drawings where applicable.
- B. Format: Submit record Product Data as annotated PDF electronic file.
1. Include record Product Data directory organized by Specification Section number and title, electronically linked to each item of record Product Data.

3.05 RECORD SAMPLES

- A. Immediately before date of Substantial Completion, meet with District or Construction Manager at Project site to determine which Samples maintained during the construction period are to be transmitted to District or Construction Manager for record purposes.
- B. Comply with District or Construction Manager's instructions for packaging, identification, marking, and delivery to District or Construction Manager's Sample storage space. Dispose of other Samples in the manner specified for disposing surplus and waste materials

3.06 RECORD PHOTOS AND VIDEO

- A. Photograph all work before covering up, including:
1. All open trenches and manholes shall be photographed.
 2. All exposed utilities should be identified in the photos.

3. Show photograph locations and dates on Record Drawings.
- B. Interior video recording of all underground sewer and storm drain lines, under the building and outside to and including the on-site or utility connection.

3.07 MISCELLANEOUS RECORD SUBMITTALS

- A. Assemble miscellaneous records required by other Specification Sections for miscellaneous record keeping and submittal in connection with actual performance of the Work. Bind or file miscellaneous records and identify each, ready for continued use and reference.
1. Field records on excavations and foundations.
 2. Field records on underground construction and similar work.
 3. Surveys showing locations and elevations of underground lines.
 4. Invert elevations of drainage piping.
 5. Surveys establishing building lines and levels.
 6. Authorized measurements using unit prices or allowances.
 7. Records of plant treatment.
 8. Ambient and substrate condition tests.
 9. Certifications received in lieu of labels on bulk products.
 10. Batch mixing and bulk delivery records.
 11. Testing and qualification of trade persons.
 12. Documented qualification of installation firms.
 13. Load and performance testing.
 14. Inspections and certifications by governing authorities.
 15. Leakage and water-penetration tests.
 16. Fire-resistance and flame-spread test results.
 17. Final inspection and correction procedures.
- B. Format: Submit miscellaneous record submittals as PDF electronic file.
1. Include miscellaneous record submittals directory organized by Specification Section number and title, electronically linked to each item of miscellaneous record submittals.

3.08 SUBMISSION

- A. Keep Project Record Documents current, as they will be reviewed for completeness by Architect, Engineer, Project Inspector, and Construction Manager; as a condition of certification for each Progress Payment Application.
- B. Prior to the date of the Notice of Completion, submit marked Record Documents to Architect and Construction Manager for review, approval and further processing.

3.09 RECORDING AND MAINTENANCE

- A. Recording: Maintain one copy of each submittal during the construction period for project record document purposes. Post changes and revisions to project record documents as they occur; do not wait until end of Project.
- B. Review of documents by Architect, Engineer, Project Inspector, or Construction Manager to be in concert with approval of the monthly Application for Payment.
- C. Maintenance of Record Documents and Samples:
 - 1. Store record documents and Samples in the field office apart from the Contract Documents used for construction.
 - 2. Do not use project record documents for construction purposes.
 - 3. Maintain record documents in good order and in a clean, dry, legible condition, protected from deterioration and loss.
 - 4. Provide access to project record documents for Architect and Construction Manager reference during normal working hours.

END OF SECTION

**SECTION 10 11 00
VISUAL DISPLAY UNITS**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Porcelain enamel steel markerboards.
- B. Tackable wall panels.

1.02 RELATED REQUIREMENTS

- A. Section 06 10 00 - Rough Carpentry: Blocking and supports.
- B. Section 09 21 16 - Gypsum Board Assemblies: Concealed supports in metal stud walls.

1.03 REFERENCE STANDARDS

- A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design.
- B. ANSI A208.1 - American National Standard for Particleboard.
- C. ASTM A424/A424M - Standard Specification for Steel, Sheet, for Porcelain Enameling.
- D. ASTM C208 - Standard Specification for Cellulosic Fiber Insulating Board.
- E. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- F. ASTM F793/F793M - Standard Classification of Wall Coverings by Use Characteristics.
- G. CBC - California Building Code.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide manufacturer's data on porcelain enamel steel markerboard, tackboard, tackboard surface covering, trim, and accessories.
- C. Shop Drawings: Indicate wall elevations, dimensions, joint locations , special anchor details.
- D. Samples: Color charts for selection of color and texture of porcelain enamel steel markerboard, tackboard, tackboard surface covering, and trim.
- E. Test Reports: Show compliance to specified surface burning characteristics requirements.
- F. Manufacturer's printed installation instructions.
- G. Manufacturer's Qualification Statement.
- H. Maintenance Data: Include data on regular cleaning, stain removal .

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

1.06 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Provide five year warranty for markerboard to include warranty against discoloration due to cleaning, crazing or cracking, and staining.

PART 2 PRODUCTS

2.01 REGULATORY REQUIREMENTS:

- A. Requirements for Persons with Disabilities: Provide products meeting requirements of California Code of Regulations (CCR), Title 24, Part 2, CBC, CBC Ch. 11B, and ADA Standards, latest amendment.
 - 1. Operable parts for all accessible items shall comply with CBC Ch. 11B-309 Operable Parts.
 - 2. Pull hardware shall be U-shaped wire pulls or equally accessible at all accessible casework; CBC Ch. 11B-811.4 Operable Parts.

2.02 VISUAL DISPLAY UNITS

- A. Porcelain Enamel Steel Markerboards:
 - 1. Manufacturers:
 - a. A-1 Visual Systems Co.: www.a-1visualsystems.com.
 - b. ADP Lemco, Inc: www.adplemco.com/#sle.
 - c. ASI Visual Display Products: www.asi-visualdisplayproducts.com/#sle.
 - d. Chatfield-Clarke: www.chafield-clarke.com.
 - e. Claridge Products and Equipment, Inc: www.claridgeproducts.com/#sle.
 - f. Egan Visual Corporation; Egan Visual WhiteBoards: www.egan.com/#sle.
 - g. Nelson Adams NACO: www.nelsonadamsnaco.com/#sle.
 - h. Platinum Visual Systems: pvusa.com.
 - i. Polyvision Corporation: www.polyvision.com/#sle.
 - j. Or Equal Substitutions: See Section 01 60 00 - Product Requirements.
 - 2. Color: White.
 - 3. Steel Face Sheet Thickness: 24 gauge, 0.0239 inch .
 - 4. Core: Particleboard, manufacturer's standard thickness, laminated to face sheet.
 - 5. Backing: Aluminum foil, laminated to core.
 - 6. Size: As indicated on drawings.
 - 7. Frame: Extruded aluminum , with concealed fasteners.
 - 8. Frame Profile: As indicated on drawings.
 - 9. Frame Finish: Anodized, natural.
 - 10. Accessories: Provide marker tray, map rail, and flag holder.
- B. Tackable Wall Panels: Fabric laminated to fiberboard; Factory-fabricated. TWP-

1. Manufacturers:
 - a. A-1 Visual Systems Co.: www.a-1visualsystems.com.
 - b. ABC School Equipment: www.abcse.com.
 - c. ADP Lemco, Inc: www.adplemco.com/#sle.
 - d. Chatfield-Clarke; Vinyl Tackboard Panels: www.chafield-clarke.com.
 - e. Claridge Products and Equipment, Inc; 3400 Series: www.claridgeproducts.com/#sle.
 - f. Lamvin Inc.; Tackboard Panels: www.lamvin.com.
 - g. Nelson Adams NACO: www.nelsonadamsnaco.com/#sle.
 - h. Or Equal Substitutions: See Section 01 60 00 - Product Requirements.
 2. Fabric: Vinyl-coated fabric.
 - a. Manufacturers:
 - 1) Carnegie: carnegiefabrics.com.
 - 2) Maharam: www.maharam.com.
 - 3) As indicated on interior finish materials schedule.
 - 4) Or Equal Substitutions: See Section 01 60 00 - Product Requirements.
 3. Color, Pattern, and Texture: As selected from manufacturer's full range.
 4. Backing: Fiber board, 1/2 inch thick, laminated to tack surface.
 5. Surface Burning Characteristics: Flame spread index of 25, maximum, and smoke developed index of 450, maximum, when tested in accordance with ASTM E84.
 6. Panel Width: As indicated on drawings.
 7. Height: Full height of room or wall; No horizontal seams.
 8. Length: As indicated on drawings.
 9. Edge Treatment: Square edge unless detailed otherwise.
 10. Edge Molding: Provide metal "J-mold" type edge trim for exposed edges at door and window openings and similar conditions.
 11. Adhesives: Provide manufacturer's recommended adhesive, primer, and sealer, produced for use on substrate shown on drawings. Provide materials which are mildew-resistant and non staining to wallcovering.
- C. Combination Units and Units Made of More Than One Panel: Factory-assembled markerboards in a single frame, of materials specified above.
1. Join panels of similar construction with butt joints, aligned and secured with steel spline concealed in edge of core.
 2. Configuration: As indicated on drawings.
 3. Units Too Large to Ship Assembled: Fully assembled in factory, then disassembled for shipping.

2.03 MATERIALS

- A. Porcelain Enameled Steel Sheet: ASTM A424/A424M, Type I, Commercial Steel, with fired-on vitreous finish.
- B. Vinyl-Coated Fabric: ASTM F793 Category VI.
- C. Particleboard: ANSI A208.1; wood chips, set with waterproof resin binder, sanded faces.
- D. Fiber Board: ASTM C208, cellulosic fiber board.
- E. Foil Backing: Aluminum foil sheet, 0.005 inch thick.
- F. Adhesives: Type used by manufacturer.

2.04 ACCESSORIES

- A. Map Rail: Extruded aluminum, manufacturer's standard profile, with cork insert and runners for accessories; 1 inch wide overall , full width of frame.
- B. Map Supports: Formed aluminum sliding hooks and roller brackets to fit map rail.
- C. Temporary Protective Cover: Sheet polyethylene, 8 mil thick.
- D. Flag Holders: Cast aluminum bored to receive 1 inch diameter flag staff, bracketed to fit top rail of board.
- E. Cleaning Instruction Plate: Provide instructions for chalkboard cleaning on a metal plate fastened to perimeter frame near chalkrail.
- F. Marker Tray: Aluminum, manufacturer's standard profile, one piece full length of markerboard, molded ends, concealed fasteners, same finish as frame.
- G. Mounting Brackets: Concealed.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field measurements are as indicated.
- B. Verify that internal wall blocking is ready to receive work and positioning dimensions are as indicated on shop drawings.

3.02 PREPARATION

- A. Acclimatize tackable wall panels by removing from packaging in installation area not less than 24 hours before application.
- B. Remove switchplates, wall plates, and surface-mounted fixtures where tackable wall paneling is applied. Reinstall items on completion of installation.
- C. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.03 INSTALLATION

- A. Install boards in accordance with manufacturer's instructions.
- B. Install with top of marker tray at 30 inches above finished floor.

- C. Secure units level and plumb.
- D. Butt Joints: Install with tight hairline joints.
- E. Carefully cut holes in boards for thermostats, wall switches, and outlets.
- F. Install tackable wall panels in accordance with manufacturer's recommendations on specified substrates with concealed attachments.
 - 1. Fabricate re-wrapped edges where partial panels abut each other, or adjacent surfaces or trim.
 - 2. Re-wrap top, bottom or side edges for cutting panels around door or window openings, abutting trim, protruding objects, and at other openings, including x-cut at receptacles, light switches, and other openings.
 - a. Wrap minimum 2 inches around back of panel.
 - b. Carefully cut fiber board, leaving vinyl wallcovering intact. Wrap wallcovering tightly around edge of board and adhere continuously around back of panel with manufacturer's recommended vinyl wallcovering adhesive.

3.04 CLEANING

- A. Clean board surfaces in accordance with manufacturer's instructions.
- B. Cover with protective cover, taped to frame.
- C. Remove temporary protective cover at Final Inspection.

END OF SECTION

SECTION 27 10 00
STRUCTURED CABLING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Communications system design requirements.
- B. Communications pathways.
- C. Copper cable and terminations.
- D. Fiber optic cable and interconnecting devices.
- E. Communications equipment room fittings.
- F. Communications outlets.
- G. Communications grounding and bonding.
- H. Communications identification.

1.02 RELATED REQUIREMENTS

- A. Section 26 05 26 - Grounding and Bonding for Electrical Systems.
 - 1. Includes intersystem bonding termination.
 - 2. Includes bonding jumpers for bonding of communications systems and electrical system grounding.
- B. Section 26 05 33 - Raceways and Boxes for Electrical Systems.
- C. Section 26 05 32 - Identification for Electrical Systems: Identification products.
- D. Section 26 27 26 - Wiring Devices.

1.03 REFERENCE STANDARDS

- A. EIA/ECA-310 - Cabinets, Racks, Panels, and Associated Equipment; Revision E, 2005.
- B. ICEA S-83-596 - Indoor Optical Fiber Cables; 2016.
- C. ICEA S-90-661 - Category 6 Individually Unshielded Twisted Pair Indoor Cables (With or Without An Overall Shield) For Use in General Purpose and LAN Communications Wiring Systems Technical Requirements; 2012.
- D. NECA/BICSI 568 - Standard for Installing Commercial Building Telecommunications Cabling; 2006.
- E. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- F. TIA-455-21 - FOTP-21 - Mating Durability of Fiber Optic Interconnecting Devices; 1988a (Reaffirmed 2012).
- G. TIA-492AAAC - Detail Specification for 850-nm Laser-Optimized, 50-um Core Diameter/125-um Cladding Diameter Class Ia Graded-Index Multimode Optical Fibers; 2009b.

- H. TIA-526-14 - Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant; 2015c.
- I. TIA-568 (SET) - Commercial Building Telecommunications Cabling Standard Set; 2018.
- J. TIA-568.2 - Balanced Twisted-Pair Telecommunications Cabling and Components Standards; 2009c, with Addendum (2016).
- K. TIA-568.3 - Optical Fiber Cabling and Components Standard; 2016d.
- L. TIA-569 - Telecommunications Pathways and Spaces; 2015d, with Addendum (2016).
- M. TIA-598 - Optical Fiber Cable Color Coding; 2014d.
- N. TIA-606 - Administration Standard for Telecommunications Infrastructure; 2017c.
- O. TIA-607 - Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises; 2015c, with Addendum (2017).
- P. UL 444 - Communications Cables; Current Edition, Including All Revisions.
- Q. UL 514C - Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers; Current Edition, Including All Revisions.
- R. UL 1651 - Fiber Optic Cable; Current Edition, Including All Revisions.
- S. UL 1863 - Communications-Circuit Accessories; Current Edition, Including All Revisions.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordination:
 - 1. Coordinate requirements for service entrance and entrance facilities with Communications Service Provider.
 - 2. Coordinate the work with other trades to avoid placement of other utilities or obstructions within the spaces dedicated for communications equipment.
 - 3. Coordinate arrangement of communications equipment with the dimensions and clearance requirements of the actual equipment to be installed.
 - 4. Notify Architect of any conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work.
- B. Arrange for Communications Service Provider to provide service.
- C. Preinstallation Meeting: Convene one week prior to commencing work of this section to review service requirements and details with Communications Service Provider representative.

1.05 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide manufacturer's standard catalog pages and data sheets for each product.
- C. Shop Drawings: Show compliance with requirements on isometric schematic diagram of network layout, showing cable routings, telecommunication closets, rack and enclosure layouts and locations, service entrance, and grounding, prepared and approved by BICSI Registered Communications Distribution Designer (RCDD).
- D. Evidence of qualifications for installer.

- E. Manufacturer's Installation Instructions: Indicate application conditions and limitations of use stipulated by product testing agency. Include instructions for storage, handling, protection, examination, preparation, installation, and operation of product.
- F. Test Plan: Complete and detailed plan, with list of test equipment, procedures for inspection and testing, and intended test date; submit at least 60 days prior to intended test date.
- G. Field Test Reports.
- H. Project Record Documents: Prepared and approved by BICSI Registered Communications Distribution Designer (RCDD).
 - 1. Record actual locations of outlet boxes and distribution frames.
 - 2. Show as-installed color coding, pair assignment, polarization, and cross-connect layout.
 - 3. Identify distribution frames and equipment rooms by room number on drawings.
- I. Operation and Maintenance Data: List of all components with part numbers, sources of supply, and operation and maintenance instructions; include copy of project record documents.

1.06 QUALITY ASSURANCE

- A. Maintain at the project site a copy of each referenced document that prescribes execution requirements.
- B. Manufacturer Qualifications: At least 3 years experience manufacturing products of the type specified.
- C. Installer Qualifications: A company having at least 3 years experience in the installation and testing of the type of system specified, and:
 - 1. Employing a BICSI Registered Communications Distribution Designer (RCDD).
 - 2. Supervisors and installers factory certified by manufacturers of products to be installed.
 - 3. Employing BICSI Registered Cabling Installation Technicians (RCIT) for supervision of all work.
 - 4. State of California Contractor's License: C-10.
- D. Products: Listed, classified, and labeled as suitable for the purpose intended.
- E. Product Listing Organization Qualifications: An organization recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL) and acceptable to authorities having jurisdiction.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Keep stored products clean and dry.

1.08 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective Work within a 2 year period after Date of Substantial Completion.

PART 2 PRODUCTS

2.01 SYSTEM DESIGN

- A. Basis of Design Product: Berk-Tek Leviton Solution as manufactured by Berk-Tek Leviton Technologies, www.berkteklevitontechnologies.com, or approved equal.
- B. Provide a complete permanent system of cabling and pathways for voice and data communications, including cables, conduits and wireways, pull wires, support structures, enclosures and cabinets, and outlets.
 - 1. Comply with TIA-568 (SET) (cabling) and TIA-569 (pathways) (commercial standards).
 - 2. Comply with Communications Service Provider requirements.
 - 3. Provide fixed cables and pathways that comply with NFPA 70 and TIA-607 and are UL listed or third party independent testing laboratory certified.
 - 4. Provide connection devices that are rated for operation under conditions of 32 to 140 degrees F at relative humidity of 0 to 95 percent, noncondensing.
 - 5. In this project, the term plenum is defined as return air spaces above ceilings, inside ducts, under raised floors, and other air-handling spaces.
- C. System Description:
 - 1. Building Entrance Cable: As indicated on Drawings.
 - 2. Backbones - Within Building: As indicated on Drawings.
 - 3. Backbones - Between Buildings: As indicated on Drawings.
 - 4. Classrooms: As indicated on Drawings.
 - 5. Provide additional outlets where indicated on drawings.
- D. Main Distribution Frame (MDF): Centrally located support structure for terminating horizontal cables that extend to telecommunications outlets, functioning as point of presence to external service provider.
 - 1. Basis of Design Product: Chatsworth #Z4 with solid metal door as manufactured by Chatsworth CPI, www.chatsworth.com, or equal..
 - 2. For the entire campus there is one main distribution frame and for each building there is a building distribution frame (BDF) that functions as the main distribution frame (MDF) for that building.
 - 3. Locate main distribution frame as indicated on the drawings.
 - 4. Capacity: As required to terminate all cables required by design criteria plus minimum 25 percent spare space.
 - 5. Accessory components provided within the MDF rack are as follows, or equal:
 - a. Cable Runway – Provide quantities as required for a complete system installation and termination. Refer to drawings for additional requirements.
 - 1) Chatsworth 12" Runway – Model No. 10250-712.
 - 2) Provide all required accessories including wall angle support brackets, splice kits, Junction Kits, J Bolts, end caps, etc. for a complete system.
 - c. Fiber Optic Enclosure.
 - 1) Leviton - Model No. 5R1UH-S06.

- (a) Accepts a maximum of 144 LC Fiber Terminations.
 - (b) Provide a quantity equal to the number of fiber optic cables multiplied by the number of strands per cable and a minimum of 20% spare capacity.
 - d. Fiber Optic Adapter Panels.
 - 1) Leviton - Model No. 5F100-4PL.
 - (a) Multimode Adaptor Plate – 24 Fiber Capacity.
 - (b) Provide quantity required for all MM fiber strands originating in the MDF. Refer to drawings for additional requirements.
 - e. Blank Fiber Optic Panel Adapter.
 - 1) Leviton - Model No. 5F100-BLK.
 - (a) Provide Blank Filler Plates as needed for all unused space in fiber enclosure(s).
 - f. Fiber Pigtails.
 - 1) All fiber shall be terminated by fusion splice.
 - 2) Leviton Model No. 54PLC-KIT.
 - (a) 12 Fiber OM4 MM Pigtail Kit.
 - (b) Provide fiber splice modules as required.
 - (c) Provide quantity as needed for all fiber cables originating in the MDF.
 - g. Copper Patch Panels.
 - 1) Leviton Model No. 69586-U48.
 - (a) Provide quantity required for all CAT6 cables originating in MDF plus 20% spare capacity for future growth.
 - 2) Leviton Model No. 492RU-HFR.
 - (a) Provide (1) horizontal front and rear manager for each patch panel provided.
 - h. Adjustable rackshelf #VSA-2744
- E. Intermediate Distribution Frames (IDF): Support structures for terminating horizontal cables that extend to telecommunications outlets.
 - 1. Locate intermediate distribution frames as indicated on the drawings.
 - 2. Wall mounted enclosures as required to accommodate hardware and electronics for each IDF location. Refer to drawings for additional requirements and IDF layouts.
 - a. Basis of Design Product: Cube It #11996-736 with solid metal door as manufactured by Chatsworth CPI, www.chatsworth.com, or equal.
 - b. Accessories to include:
 - 1) Low-decibel dual fan and filter kit #40975-001.
 - 2) Pack filters #40973-001.
 - c. Utility/Electrical rooms Basis of Design Product: SmartRack 8U/12U/22U Expandable Low-Profile UPS-Depth Wall-Mount 2-Post Open-Frame Rack, No. SRW08U22DP as manufactured by Tripp-Lite, www.tripplite.com, or equal.
 - 3. Wall mounted cabinet with plexi front door.
 - 4. UL Listed and EIA compliant 19 inch equipment rack.
 - a. Fiber Optic Enclosure.
 - 1) Leviton - Model No. 5R1UH-S03.
 - (a) Accepts a maximum of 144 LC Fiber Terminations.

- (b) Provide a quantity equal to the number of fiber optic cables multiplied by the number of strands per cable and a minimum of 20% spare capacity.
- c. Fiber Optic Adapter Panels.
 - 1) Leviton - Model No. 5F100-4PL.
 - (a) Multimode Adaptor Plate – 24 Fiber Capacity.
 - (b) Provide quantity required for all MM fiber strands originating in the MDF. Refer to drawings for additional requirements.
- d. Blank Fiber Optic Panel Adapter.
 - 1) Leviton - Model No. 5F100-BLK.
 - (a) Provide Blank Filler Plates as needed for all unused space in fiber enclosure(s).
- e. Copper Patch Panels.
 - 1) Leviton Model No. 69586-U48.
 - (a) Provide quantity required for all CAT6 cables originating in MDF plus 20% spare capacity for future growth.
 - 2) Leviton Model No. 49005-CMB.
 - (a) Provide (1) horizontal front and rear cable management bar for each patch panel provided.
- f. Fiber Connectors.
 - 1) Leviton Model No. 49991-LLC.
 - (a) OM3/OM4 Multi-Mode – LC Connector.
- F. Backbone Cabling: Cabling, pathways, and terminal hardware connecting intermediate distribution frames (IDF's) with main distribution frame (MDF), wired in star topology with main distribution frame at center hub of star.
- G. Cabling to Outlets: Specified horizontal cabling, wired in star topology to distribution frame located at center hub of star; also referred to as "links".

2.02 PATHWAYS

- A. Conduit: As specified in Section 26 05 33; provide pull cords in all conduit.
- B. Underground Service Entrance: Rigid polyvinyl chloride (PVC) conduit, Schedule 40.

2.03 COPPER CABLE AND TERMINATIONS

- A. Manufacturers:
 - 1. Berk-Tek Leviton Technologies: www.berkteklevitontechnologies.com
 - 2. CommScope: www.commscope.com/#sle.
 - 3. General Cable Technologies Corporation: www.generalcable.com/#sle.
 - 4. Siemon Company: www.siemon.com/#sle.
 - 5. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Copper Backbone Cable:
 - 1. Description: 100 ohm, balanced twisted pair cable complying with TIA-568.2, ICEA S-90-661, and listed and labeled as complying with UL 444; arranged in 25-pair binder groups.
 - 2. Cable Type: TIA-568.2 Category 6 UTP (unshielded twisted pair); 24 AWG.

3. Cable Capacity: Quantity of pairs as indicated on drawings.
 4. Cable Applications:
 - a. Serving Wireless Access Points.
 - b. Plenum Applications: Use listed NFPA 70 Type CMP plenum cable.
 - c. Riser Applications: Use listed NFPA 70 Type CMR riser cable or Type CMP plenum cable.
 5. Product(s):
 - a. Basis of Design Product: 223-4P UTP-CMR Solid BC FEP/FEPVC Lanmark-6 Min Compliant Cat6 Green Box RoHS, Model No. 10136752 as manufactured by Berk-Tek Leviton Technologies, www.leviton.com.
- C. Copper Horizontal Cable:
1. Description: 100 ohm, balanced twisted pair cable complying with TIA-568.2 and listed and labeled as complying with UL 444.
 2. Cable Type - Voice and Data: TIA-568.2 Category 6 UTP (unshielded twisted pair); 23 AWG.
 3. Cable Capacity: 4-pair.
 4. Cable Applications: Use listed NFPA 70 Type CMP plenum cable unless otherwise indicated.
 - a. Cable(s) serving Workstation Outlets and VOIP Phone Outlets.
 5. Cable Jacket Color - Voice and Data Cable: Blue.
 6. Product(s):
 - a. Serving Workstation Outlets and VOIP Phone Outlets Basis of Design Product: 23-4P UTP-CMR Solid BC FEP/FEPVC Belkin Cat6 Blue, RoHS, Model No. 10136339 as manufactured by Berk-Tek Leviton Technologies, www.leviton.com.
 - b. Serving IP Surveillance Cameras Basis of Design Product: Belkin, 23 AWG-4Pair Category 6 UTP-CMR Solid BC FEP/FEPVC, White, RoHS, Model No. 11074744 as manufactured by Berk-Tek Leviton Technologies, www.leviton.com.
 - c. CommScope; SYSTIMAX Twisted Pair Cables; GigaSPEED XL Category 6 U/UTP Cable: www.commscope.com/#sle.
 - d. CommScope; Uniprise Twisted Pair Cables; CS34 Series Category 6 U/UTP Cable: www.commscope.com/#sle.
 - e. General Cable Technologies Corporation; GenSPEED Cables: www.generalcable.com/#sle.
- D. Cable Bend: No radius bend greater than 75%.
- E. Copper Cable Terminations: Insulation displacement connection (IDC) type using appropriate tool; use screw connections only where specifically indicated.
- F. Jacks and Connectors: Modular RJ-45, non-keyed, terminated with 110-style insulation displacement connectors (IDC); high impact thermoplastic housing; suitable for and complying with same standard as specified horizontal cable; UL 1863 listed.
1. Performance: 500 mating cycles.

2. Voice and Data Jacks: 8-position modular jack, color-coded for both T568A and T568B wiring configurations.
 3. Product(s):
 - a. CommScope; SYSTIMAX RJ45 Jacks; MGS400 Series Category 6 U/UTP Modular Jacks: www.commscope.com/#sle.
 - b. CommScope; Uniprise RJ45 Jacks; UNJ600 Series Category 6 U/UTP Modular Jacks: www.commscope.com/#sle.
- G. Copper Patch Cords:
1. Description: Factory-fabricated 4-pair cable assemblies with 8-position modular connectors terminated at each end.
 2. Patch Cords for Patch Panels:
 - a. Quantity: One for each pair of patch panel ports.
 3. Patch Cords for Work Areas:
 - a. Quantity: One for each work area outlet port.
 4. Basis of Design Product: Solution as manufactured by Belkin: www.belkin.com.
 5. Provide Patch Cables in equal quantity to all CAT6 cables installed for both MDF/IDF and Workstation/Access Point Ends.. Verify exact lengths required with Owner,
 - a. Belkin Model Cat 6 Snagless: Or equal.
 - 1) 1' patch cable A3L980-01-BLU-S -Data and phones - for patch panel side and for wall mounted phone side.
 - 2) 5' patch cable A3L980-05-BLU-S - For computer workstation side
 - 3) 1' patch cable A3L980-01-GRN-S - WAPs – for patch panel side
 - 4) 3' patch cable A3L980-03-GRN-S - WAPs – for WAP side
 - 5) 1' patch cable A3L980-01-WHT-S - Security cameras – for patch panel side
 - 6) 3' patch cable A3L980-03-WHT-S - Security cameras – for camera side

2.04 FIBER OPTIC CABLE AND INTERCONNECTING DEVICES

- A. Manufacturers:
1. Basis of Design Product: Berk-Tek Leviton Solution as manufactured by Berk-Tek Leviton Technologies, www.berkteklevitontechnologies.com.
 2. CommScope: www.commscope.com/#sle.
 3. General Cable Technologies Corporation: www.generalcable.com/#sle.
 4. Siemon Company: www.siemon.com/#sle.
 5. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Fiber Optic Backbone Cable:
1. Description: Tight buffered, non-conductive fiber optic cable complying with TIA-568.3, TIA-598, ICEA S-83-596 and listed as complying with UL 444 and UL 1651.
 2. Cable Type: Multimode, laser-optimized 50/125 um (OM3) complying with TIA-492AAAC.
 3. Cable Capacity: Twelve (12) Strand Multi Mode OM4 Fiber.
 4. Cable Applications:

- a. Plenum Applications: Use listed NFPA 70 Type OFNP plenum cable.
 - b. Riser Applications: Use listed NFPA 70 Type OFNR riser cable or Type OFNP plenum cable.
 - 5. Cable Jacket Color:
 - a. Multi-Mode Fiber (OM4): Yellow.
 - 6. Product(s):
 - a. Basis of Design Product: 12 x OM4 Premises Distribution Riser Indoor/Outdoor Cable, No. PDR012AB0707-I/O-C4(YEL) as manufactured by Berk-Tek Leviton Technologies, www.berktek.us.
 - b. CommScope Fiber Optic Cables; TeraSpeed Zero Water Peak Single-Mode Fiber: www.commscope.com/#sle.
- C. Fiber Optic Horizontal Cable:
- 1. Description: Tight buffered, non-conductive fiber optic cable complying with TIA-568.3, ICEA S-83-596 and listed as complying with UL 444 and UL 1651.
 - 2. Cable Type: Multimode, laser-optimized 50/125 um (OM3) complying with TIA-492AAAC.
 - 3. Cable Capacity: 2-fiber.
 - 4. Cable Applications:
 - a. Plenum Applications: Use listed NFPA 70 Type OFNP plenum cable.
 - b. Riser Applications: Use listed NFPA 70 Type OFNR riser cable or Type OFNP plenum cable.
 - c. General Applications: Use listed NFPA 70 Type OFN/OFNG general purpose cable, Type OFNR riser cable, or Type OFNP plenum cable.
 - 5. Cable Jacket Color:
 - a. Laser-Optimized Multimode Fiber (OM3/OM4): Aqua.
 - 6. Product(s):
 - a. Basis of Design Product: 12 x OM4+ Premises Distribution Riser Indoor/Outdoor Cable, No. PDR012-XB3010/X5-IO as manufactured by Berk-Tek Leviton Technologies, www.berktek.us.
 - b. CommScope Fiber Optic Cables; TeraSpeed Zero Water Peak Single-Mode Fiber: www.commscope.com/#sle.
- D. Fiber Optic Interconnecting Devices:
- 1. Connector Type: Type SLC.
 - 2. Connector Type: Type LLC.
 - 3. Connector Performance: 500 mating cycles, when tested in accordance with TIA-455-21.
 - 4. Maximum Attenuation/Insertion Loss: 0.3 dB.
 - 5. Product(s):
 - a. Basis of Design Product: FastCAM Pre-polished Connector, LC (blue), Single-mode, Model No. 49991-SLC as manufactured by Leviton Manufacturing Co., Inc, www.leviton.com.

- b. Basis of Design Product: FastCAM Pre-polished Connector, LC (aqua), 50/125µm L.O. Multimode, Model No. 49991-LLC as manufactured by Leviton Manufacturing Co., Inc, www.leviton.com.
- E. Fiber Optic Patch Cords:
 - 1. Description: Factory-fabricated 2-fiber cable assemblies with suitable connectors at each end.
 - 2. Patch Cords for Patch Panels:
 - a. Quantity: One for each pair of patch panel ports.
 - b. Length: As indicated on Drawings.
 - 3. Patch Cords for Work Areas:
 - a. Quantity: One for each work area outlet port.
 - b. Length: As indicated on Drawings.

2.05 COMMUNICATIONS EQUIPMENT ROOM FITTINGS

- A. Copper Cross-Connection Equipment:
 - 1. Manufacturers:
 - a. Belkin: www.belkin.com.
 - b. CommScope: www.commscope.com/#sle.
 - c. Siemon Company: www.siemon.com/#sle.
 - d. Substitutions: See Section 01 60 00 - Product Requirements.
 - 2. Connector Blocks for Category 5e and Up Cabling: Type 110 insulation displacement connectors; capacity sufficient for cables to be terminated plus 25 percent spare.
 - 3. Patch Panels for Copper Cabling: Sized to fit EIA/ECA-310 standard 19 inch wide equipment racks; 0.09 inch thick aluminum; cabling terminated on Type 110 insulation displacement connectors; printed circuit board interface.
 - a. Jacks: Non-keyed RJ-45, suitable for and complying with same standard as cable to be terminated; maximum 48 ports per standard width panel.
 - b. Capacity: Provide ports sufficient for cables to be terminated plus 25 percent spare.
 - c. Labels: Factory installed laminated plastic nameplates above each port, numbered consecutively; comply with TIA-606.
 - d. Provide incoming cable strain relief and routing guides on back of panel.
- B. Fiber Optic Cross-Connection Equipment:
 - 1. Patch Panels for Fiber Optic Cabling: Sized to fit EIA/ECA-310 standard 19 inch wide equipment racks; 0.09 inch thick aluminum.
 - a. Adapters: As specified above under FIBER OPTIC CABLE AND INTERCONNECTING DEVICES; maximum of 24 duplex adapters per standard panel width.
 - b. Labels: Factory installed laminated plastic nameplates above each port, numbered consecutively; comply with TIA-606.
 - c. Provide incoming cable strain relief and routing guides on back of panel.
 - d. Provide rear cable management tray at least 8 inches deep with removable cover.
 - e. Provide dust covers for unused adapters.

- C. Backboards: Interior grade plywood without voids, 3/4 inch thick; UL-labeled fire-retardant.
 - 1. Size: As indicated on drawings.
 - 2. Do not paint over UL label.
- D. Equipment Frames, Racks and Cabinets:
 - 1. Component Racks: EIA/ECA-310 standard 19 inch wide.
 - 2. Wall Mounted Racks: Steel construction, hinged to allow access to back of installed components.
 - 3. Floor Mounted Racks: Aluminum or steel construction with corrosion resistant finish; vertical and horizontal cable management channels, top and bottom cable troughs, and grounding lug.
 - 4. Freestanding Cabinets: Front and rear doors with locks; removable side panels with locks; vented top and rear door; adjustable leveling feet; cable access in roof and base; grounding bar.
 - 5. Wall Mounted Cabinets: Front doors with locks, louvered side panels, top and bottom cable access, and ground lug.
 - a. Cover inside of cabinet back with plywood backboard as specified.
 - b. Duplex AC power outlet inside cabinet.
 - 6. Cabinets: Steel construction with corrosion resistant finish.
 - 7. Locks: Key CH751.

2.06 COMMUNICATIONS OUTLETS

- A. Outlet Boxes: Comply with Section 26 05 33 - Raceways and Boxes for Electrical Systems.
 - 1. Provide depth as required to accommodate cable manufacturer's recommended minimum conductor bend radius.
 - 2. Minimum Size, Unless Otherwise Indicated:
 - a. Voice Only Outlets: 4 inch by 2 inch by 2-1/8 inch deep (100 by 50 by 54 mm) trade size.
 - b. Data or Combination Voice/Data Outlets: 4 inch square by 2-1/8 inch deep (100 by 54 mm) trade size.
 - c. Fiber Optic Outlets: 4-11/16 inch square by 2-1/8 inch deep (119 by 54 mm) trade size.
- B. Wall Plates:
 - 1. Comply with system design standards and UL 514C.
 - 2. Accepts modular jacks/inserts.
- C. Outlets:
 - 1. Basis of Design Product: Quickport Series as manufactured by Leviton Manufacturing Co., Inc, www.leviton.com.
 - 2. Voice and Data Outlets
 - a. Category 6, RJ45, jack
 - 1) Leviton – Model No. 61110-RW6
 - (a) Snap-in type

- (b) Finish blue
- b. Coverplate
 - 1) Single Gang Quickport Wallplate with ID Window
 - (a) Leviton – Model No. 43080-1L4
 - (1) Finish – Stainless steel
 - 2) Blank Snap-In Modules
 - (a) Leviton – Model No. 41084-BWB
- 3. Wireless Access Point Outlets
 - a. Category 6, RJ45, jack
 - 1) Leviton – Model No. 61110-RV6
 - (a) Snap-in type
 - (b) Finish green
 - b. Coverplate
 - 1) Single Gang Quickport Wallplate with ID Window
 - (a) Leviton – Model No. 43080-1L4
 - (b) Finish – Stainless Steel
 - 2) Blank Snap-In Modules
 - (a) Leviton – Model No. 41084-BWB
- 4. IP Surveillance Outlets
 - a. Category 6, RJ45, jack
 - 1) Leviton – Model No. 61110-RWG
 - (a) Snap-in type
 - (b) Finish white
 - b. Coverplate
 - 1) Dual Quickport Surface Box
 - (a) Leviton – Model No. 41089-2WP
 - (1) Finish - White
 - 2) Blank Snap-In Modules
 - (a) Leviton – Model No. 41084-BWB
 - (1) Finish – White
- 5. Wall Plate Material/Finish - Flush-Mounted Outlets: Match wiring device and wall plate finishes specified on the drawings.
- 6. Product(s):

2.07 GROUNDING AND BONDING COMPONENTS

- A. Comply with TIA-607.
- B. Comply with Section 26 05 26.

2.08 IDENTIFICATION PRODUCTS

- A. Comply with TIA-606.
- B. Comply with Section 26 05 32.

2.09 SOURCE QUALITY CONTROL

- A. See Section 01 40 00 - Quality Requirements, for additional requirements.

- B. Factory test cables according to TIA-568 (SET).

PART 3 EXECUTION

3.01 DIVISION OF WORK

- A. While all work included under this specification is the complete responsibility of the contractor, the division of actual work listed following shall occur.
 - 1. All conduits with pull cords, all electrical pull boxes, grounding rods, all outlet boxes, terminal cabinets, backboards, etc., which form part of the rough-in work shall be provided and installed completely by the Division 26 Contractor. Coordinate as necessary for proper installation.
 - 2. The balance of the system, including installation of initiating devices, notification appliances and equipment, making all connections, etc., shall be performed by the System Supplier/Installer.
 - 3. All 120VAC power conductors and conduits associated with power circuits to all low voltage system equipment locations shall be provided and installed by the Division 26 Contractor.
 - 4. An insulated stranded copper ground wire shall be provided from each equipment rack to the building grounding system, in compliance with CEC Article 250, by the Division 26 Contractor.
 - 5. Labeling of pullboxes and terminal cabinets shall be provided and installed by the Division 26 Contractor.

3.02 INSTALLATION - GENERAL

- A. Comply with latest editions and addenda of TIA-568 (SET) (cabling), TIA-569 (pathways), TIA-607 (grounding and bonding), NECA/BICSI 568, NFPA 70, and SYSTEM DESIGN as specified in PART 2.
- B. Comply with Communication Service Provider requirements.
- C. Grounding and Bonding: Perform in accordance with TIA-607 and NFPA 70.

3.03 INSTALLATION OF PATHWAYS

- A. Install pathways with the following minimum clearances:
 - 1. 48 inches from motors, generators, frequency converters, transformers, x-ray equipment, and uninterruptible power systems.
 - 2. 12 inches from power conduits and cables and panelboards.
 - 3. 5 inches from fluorescent and high frequency lighting fixtures.
 - 4. 6 inches from flues, hot water pipes, and steam pipes.
- B. Conduit, in Addition to Requirements of Section 26 05 33:
 - 1. Arrange conduit to provide no more than the equivalent of two 90 degree bend(s) between pull points.
 - 2. Conduit Bends: Inside radius not less than 10 times conduit internal diameter.
 - 3. Arrange conduit to provide no more than 100 feet between pull points.

4. Do not use conduit bodies.
 5. Minimum Cover - Underground Service Entrance: Comply with NFPA 70 and Communications Service Provider requirements.
- C. Outlet Boxes:
1. Coordinate locations of outlet boxes provided under Section 26 05 33 - Raceways and Boxes for Electrical Systems as required for installation of telecommunications outlets provided under this section.
 - a. Mounting Heights: Unless otherwise indicated, as follows:
 - 1) Telephone and Data Outlets: 18 inches above finished floor.
 - 2) Telephone Outlets for Side-Reach Wall-Mounted Telephones: 48 inches above finished floor to top of telephone.
 - 3) Telephone Outlets for Forward-Reach Wall-Mounted Telephones: 48 inches above finished floor to top of telephone.
 - b. Orient outlet boxes for vertical installation of wiring devices unless otherwise indicated.
 - c. Provide minimum of 24 inches horizontal separation between flush mounted outlet boxes installed on opposite sides of fire rated walls.
 - d. Unless otherwise indicated, provide separate outlet boxes for line voltage and low voltage devices.
 - e. Locate outlet boxes so that wall plate does not span different building finishes.
 - f. Locate outlet boxes so that wall plate does not cross masonry joints.

3.04 INSTALLATION OF EQUIPMENT AND CABLING

- A. Cabling:
1. Do not bend cable at radius less than manufacturer's recommended bend radius; for unshielded twisted pair use bend radius of not less than 4 times cable diameter.
 2. Do not over-cinch or crush cables.
 3. Do not exceed manufacturer's recommended cable pull tension.
 4. When installing in conduit, use only lubricants approved by cable manufacturer and do not chafe or damage outer jacket.
- B. Service Loops (Slack or Excess Length): Provide the following minimum extra length of cable, looped neatly:
1. At Distribution Frames: 120 inches.
 2. At Outlets - Copper: 12 inches.
 3. At Outlets - Optical Fiber: 39 inches.
- C. Copper Cabling:
1. Category 5e and Above: Maintain cable geometry; do not untwist more than 1/2 inch from point of termination.
 2. For 4-pair cables in conduit, do not exceed 25 pounds pull tension.
 3. Use T568B wiring configuration.
- D. Fiber Optic Cabling:

1. Prepare for pulling by cutting outer jacket for 10 inches from end, leaving strength members exposed. Twist strength members together and attach to pulling eye.
 2. Support vertical cable at intervals as recommended by manufacturer.
- E. Wall-Mounted Racks and Enclosures:
1. Install to plywood backboards only, unless otherwise indicated.
 2. Mount so height of topmost panel does not exceed 78 inches above floor.
- F. Floor-Mounted Racks and Enclosures: Permanently anchor to floor in accordance with manufacturer's recommendations.
- G. Floor-Mounted Enclosures: Connect adjacent cabinets together and remove interior side panels.
- H. Identification:
1. Use wire and cable markers to identify cables at each end.
 2. Use manufacturer-furnished label inserts, identification labels, or engraved wallplate to identify each jack at communications outlets with unique identifier.
 3. Use identification nameplate to identify cross-connection equipment, equipment racks, and cabinets.

3.05 FIELD QUALITY CONTROL

- A. See Section 01 40 00 - Quality Requirements, for additional requirements.
- B. Comply with inspection and testing requirements of specified installation standards.
- C. Visual Inspection:
1. Inspect cable jackets for certification markings.
 2. Inspect cable terminations for color coded labels of proper type.
 3. Inspect outlet plates and patch panels for complete labels.
 4. Inspect patch cords for complete labels.
- D. Testing - Copper Cabling and Associated Equipment:
1. Test backbone cables after termination but before cross-connection.
 2. Test backbone cables for DC loop resistance, shorts, opens, intermittent faults, and polarity between connectors and between conductors and shield, if cable has overall shield.
 3. Test operation of shorting bars in connection blocks.
 4. Category 5e and Above Backbone: Perform near end cross talk (NEXT) and attenuation tests.
 5. Category 5e and Above Links: Perform tests for wire map, length, attenuation, NEXT, and propagation delay.
- E. Testing - Fiber Optic Cabling:
1. Backbone: Perform optical fiber end-to-end attenuation test using an optical time domain reflectometer (OTDR) and manufacturer's recommended test procedures; perform verification acceptance tests and factory reel tests.

2. Multimode Backbone: Perform tests in accordance with TIA-526-14.
 3. Single Mode Backbone: Perform tests in accordance with TIA-526-7.
 4. Links: Perform optical fiber end-to-end attenuation tests and field reel tests.
- F. Final Testing: After all work is complete, including installation of telecommunications outlets, and telephone dial tone service is active, test each voice jack for dial tone.

END OF SECTION

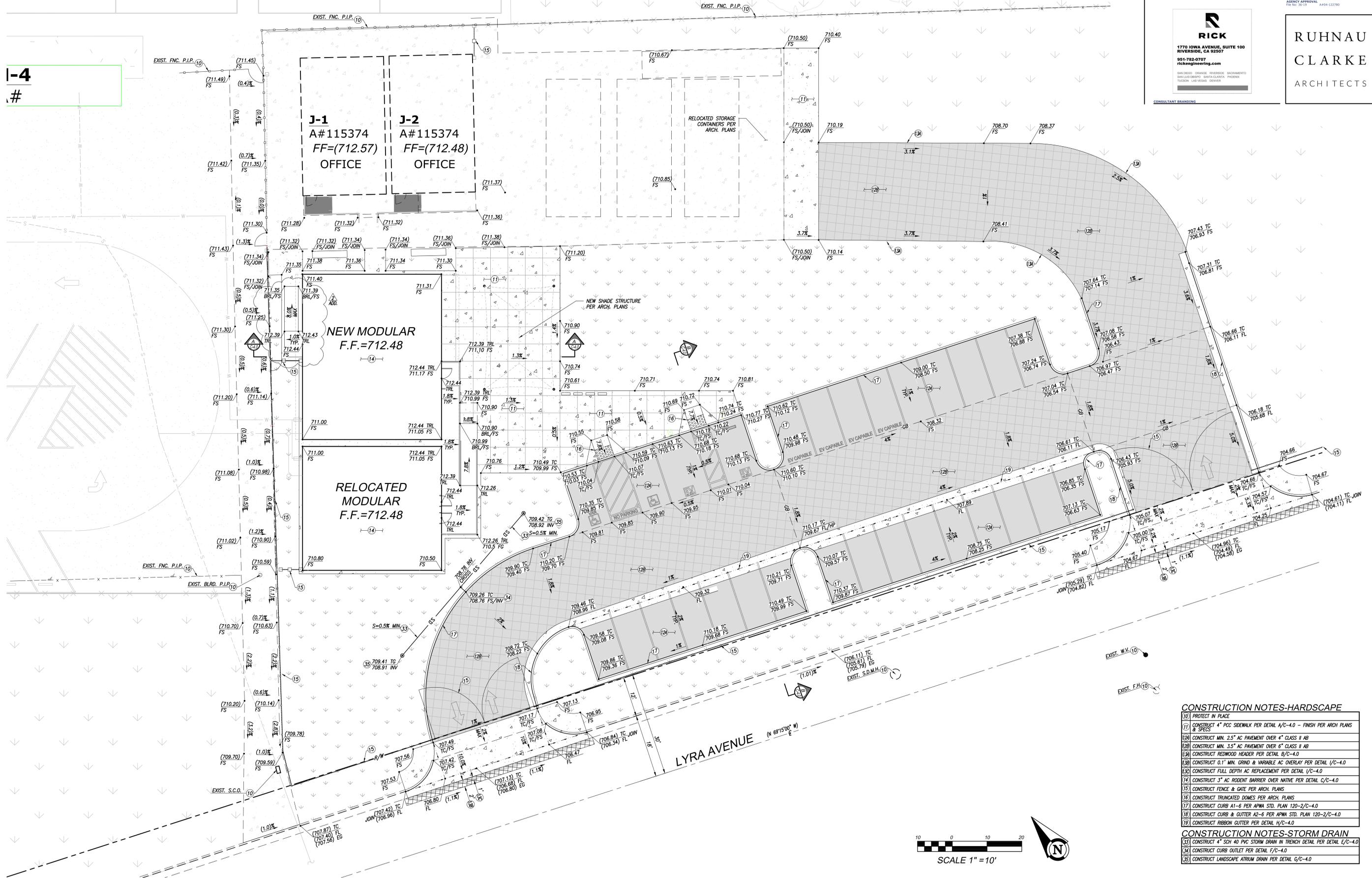


RICK
 1770 IOWA AVENUE, SUITE 100
 RIVERSIDE, CA 92507
 951-782-0707
 rickengineering.com

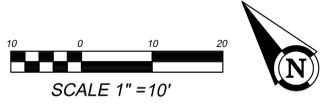
RUHNAU CLARKE ARCHITECTS

AGENCY APPROVAL
 FILE NO. 20-15 4364-123760

I-4
 #



- CONSTRUCTION NOTES-HARDSCAPE**
- (10) PROTECT IN PLACE
 - (11) CONSTRUCT 4" PCC SIDEWALK PER DETAIL A/C-4.0 - FINISH PER ARCH PLANS & SPECS
 - (12) CONSTRUCT MIN. 2.5" AC PAVEMENT OVER 4" CLASS II AB
 - (13) CONSTRUCT MIN. 3.5" AC PAVEMENT OVER 6" CLASS II AB
 - (14) CONSTRUCT REDWOOD HEADER PER DETAIL B/C-4.0
 - (15) CONSTRUCT 0.1" MIN. GRIND & VARIABLE AC OVERLAY PER DETAIL I/C-4.0
 - (16) CONSTRUCT FULL DEPTH AC REPLACEMENT PER DETAIL V/C-4.0
 - (17) CONSTRUCT 3" AC RODENT BARRIER OVER NATIVE PER DETAIL C/C-4.0
 - (18) CONSTRUCT TRUNCATED DOMES PER ARCH. PLANS
 - (19) CONSTRUCT CURB A1-6 PER APWA STD. PLAN 120-2/C-4.0
 - (20) CONSTRUCT CURB & GUTTER A2-6 PER APWA STD. PLAN 120-2/C-4.0
 - (21) CONSTRUCT RIBBON GUTTER PER DETAIL H/C-4.0
- CONSTRUCTION NOTES-STORM DRAIN**
- (22) CONSTRUCT 4" SCH 40 PVC STORM DRAIN IN TRENCH DETAIL E/C-4.0
 - (23) CONSTRUCT CURB OUTLET PER DETAIL F/C-4.0
 - (24) CONSTRUCT LANDSCAPE ATRIUM DRAIN PER DETAIL G/C-4.0



PROJECT No. : 1-46-58
 7/9/2026 1:30 PM

DATE	2/9/2026	BY	ADD	REV
DATE		BY	ADD	REV
DATE		BY	ADD	REV
DATE		BY	ADD	REV

RUHNAUCLARKE.COM

BUILDING AND PARKING ADDITION

PRECISE GRADING PLAN

C-3.0

3775 TENTH STREET, RIVERSIDE CALIFORNIA 92501 (951) 684-4664 • 3751 PALMER WAY, SUITE C, CARLSBAD CALIFORNIA 92008 (760) 438-9999

SKY COUNTRY ELEMENTARY SCHOOL
 5520 LUCRETIA AVENUE, MIRA LOMA, CA 91252
 JURUPA UNIFIED SCHOOL DISTRICT

BUILDING AND PARKING ADDITION

STAMPS
 CONSULTANT SIGNATURE

GENERAL NOTES

- VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- ALL DIMENSIONS ARE TO FACE OF STUD, CENTERLINE OF COLUMN OR EDGE OF SLAB, U.N.O.

KEYNOTES

02 41 00.6.1 DEMO EXISTING WOOD WALL FRAMING
 05 51 00.11 GALVANIZED METAL HANDRAILS PER PC#04-119501
 06 10 63.1 ROUGH WALL PANEL ENCLOSURES
 07 62 00.4 6" DIAMETER PAINTED DOWNSPOUT WITH RETURN AND COW TONGUE LEADING INTO LANDSCAPE AREA. COLOR TO MATCH ADJACENT FINISH.
 10 11 00.3 PRE-ENGINEERED FABRIC SHADE STRUCTURES
 10 28 00.12 PRESENTATION DRY ERASE WALLCOVERING
 11 52 16.5 RECESSED PAPER TOWEL DISPENSER
 22 47 13.1 WALL MOUNTED SHORT THROW PROJECTOR
 ELKAY E240 LZ5TL8VSP, ADA, BI-LEVEL ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION, STAINLESS STEEL BASIN WITH INTEGRAL DRAIN, DELIVERS @ GPM OF 50 DEGREE F OF DRINKING WATER. BOTTLE FILLER SHALL PROVIDE 1.1 GPM FLOW RATE W/LAMINAR FLOW, WATERSENTRY PLUS 3000-GALLON CAPACITY FILTER. PROVIDE 1/2" COLD WATER AND 2" SIZED CONNECTIONS TO SITE WATER AND SEWER PER CIVIL DRAWINGS AND 1-1/2" VENT PENETRATION THROUGH ROOF.
 32 31 19.1 8" HIGH ORNAMENTAL FINISH
 32 33 18 RAMP PER PC#04-119501

LEGEND

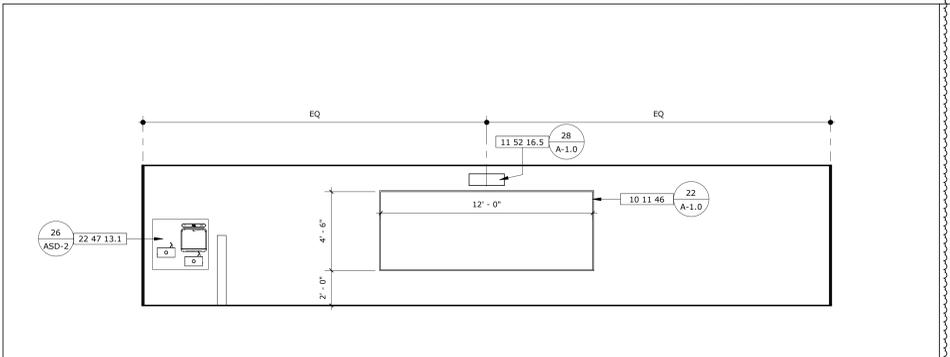
LANDSCAPE PER LANDSCAPE DRAWINGS
 ASPHALT PAVING. SEE DETAIL FOR ADDITIONAL INFORMATION. SEE CIVIL DRAWINGS
 CONCRETE PAVING (CONC-1). SEE DETAIL FOR ADDITIONAL INFORMATION. SEE CIVIL DRAWINGS
 PORTABLE RC RAMP PER PC#04-119501. PROVIDE RAMP SKIRT PANELS AROUND PERIMETER OF RAMP LANDING.
 REMOVE AND REPLACE EXISTING CARPET FLOOR FINISH AND BASE BOARDS. PROVIDE NEW RUBBER BASE AND CARPET (CPT-1)
 REMOVE AND REPLACE EXISTING CARPET FLOOR FINISH AND BASE BOARDS. PROVIDE NEW RUBBER BASE AND WALK-OFF MAT (CPT-2)
 WALK-OFF MAT (CPT-2)
 ANSUL, INC. SENTRY OR EQUAL, TYPE 2A-20B/C PER CBC 906.10 POUND DRY CHEMICAL FIRE EXTINGUISHER, TYP. EAC CLASSROOM PER DETAIL
 ISA
 ROOM NUMBER
 ROOM NAME
 ROOM NUMBER
 ROOM NAME
 EXIT SIGN
 ASSISTIVE LISTENING SIGNAGE

FINISH NOTES

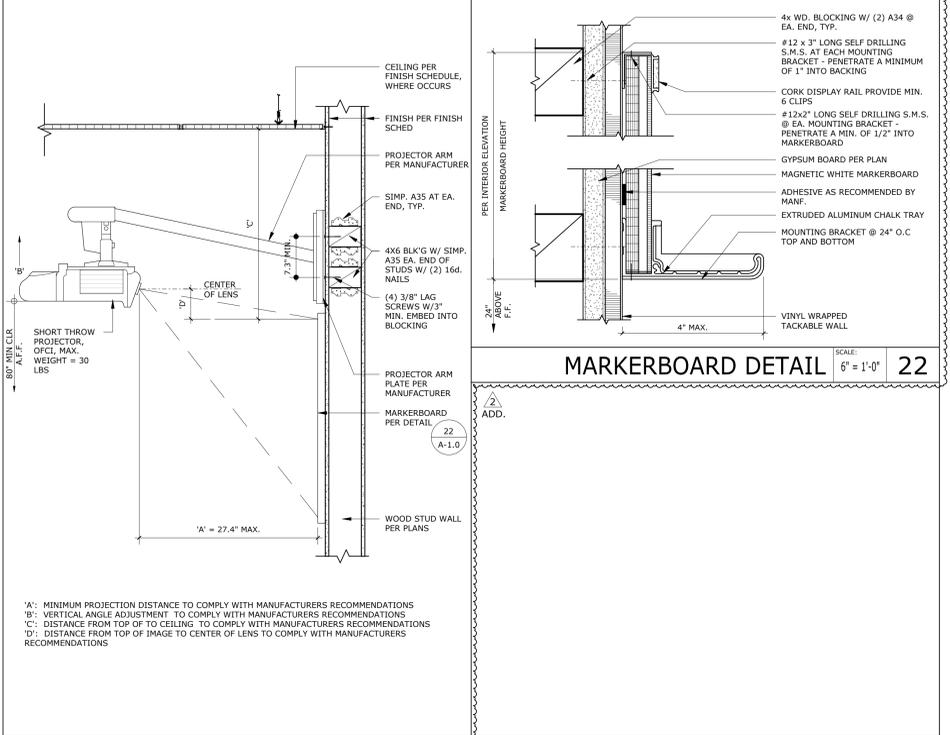
- ALL FINISHES SHALL COMPLY WITH CBC CHAPTERS 3, 8, & 10, CFC AND CCR TITLE 19 AND STATE OF CALIFORNIA TECHNICAL BULLETIN 117-2013.
- WALL AND CEILING MATERIALS SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.13.
- ALL ADJACENT DISSIMILAR FINISH MATERIALS TO RECEIVE SEALANT PER MFR INSTRUCTIONS, U.N.O.
- ALL EXPOSED STEEL, LOUVERS, ACCESS PANELS AND WALL GRILLES TO BE PAINTED TO MATCH ADJACENT SURFACE, U.N.O.
- TOILET ROOM, TOILET ROOM VESTIBULES, AND FOOD SERVICE AREA WALLS AND CEILINGS NOT COVERED BY EITHER TILE OR F.R.P. TO HAVE MOISTURE RESISTANT GYPSUM BOARD, U.N.O.
- COORDINATE FINISHES WITH MECHANICAL FOR PLUMBING FIXTURES.
- AT COVE BASE, PROVIDE CONTINUOUS 3/8" RADIUS
- ALL WALL BASE SHOULD BE INSTALLED USING WHOLE UNITS. NO PIECE SHALL BE SMALLER THAN 1'-0". PREFORMED CORNERS STANDARDIZED.
- FOR MORE INFORMATION ON COLORS, MATERIALS, & FINISHES, REFER TO THIS SHEET
- ALL FLOOR FINISHES SHALL BE STABLE, FIRM, & SLIP RESISTANT PER CBC SECTION 118-302.1.
- CARPET / CARPET TILE FLOORING SHALL BE SECURELY ATTACHED WITH FIRM BACKING AND FLE HEIGHT OF 1/2" MAX. PER CBC SECTION 118-302.2. CARPET EDGES SHALL COMPLY WITH CBC SECTION 118-302.
- ALL FLOOR FINISHES SHALL EXTEND BELOW ACCESSIBLE WORKSTATIONS, SINKS, ETC. FOR THE REQUIRED TOE/KNEE CLEARANCE.
- REFER TO CORRESPONDING SPECIFICATIONS FOR BURNING CHARACTERISTICS AND TESTING REQ.
- CARPETS SHALL COMPLY WITH THE REQUIREMENTS OF THE ASTM STANDARD E648, AND HAVING A SPECIFIC OPTICAL DENSITY SMOKE RATING NOT TO EXCEED 450 PER ASTM E662.
- HIGH-DENSITY POLYETHYLENE (HDPE) PRIVACY PARTITIONS SHALL BE TESTED IN ACCORDANCE WITH NFPA 286 AND COMPLY WITH CBC 803.1.1.1.

FINISH ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE
CONC	CONCRETE
CPT	CARPET
EXP	EXPOSED
FF	FACTORY FINISH
FRP	FIBERGLASS REINFORCED PANEL
GWB	GYPSUM WALLBOARD
GWVB	WATER RESISTANT GWB
PES	PAINT - EGGSHELL
PL	PLASTIC LAMINATE
PF	PAINT, FLAT
PSG	PAINT, SEMI-GLOSS
RB	RUBBER BASE
SV	SHEET VINYL
TWP	TACKLE WALL PANEL
VCT	VINYL COMPOSITION TILE



INTERIOR ELEVATION #158 OPEN OFFICE SCALE: 1/4" = 1'-0" 21



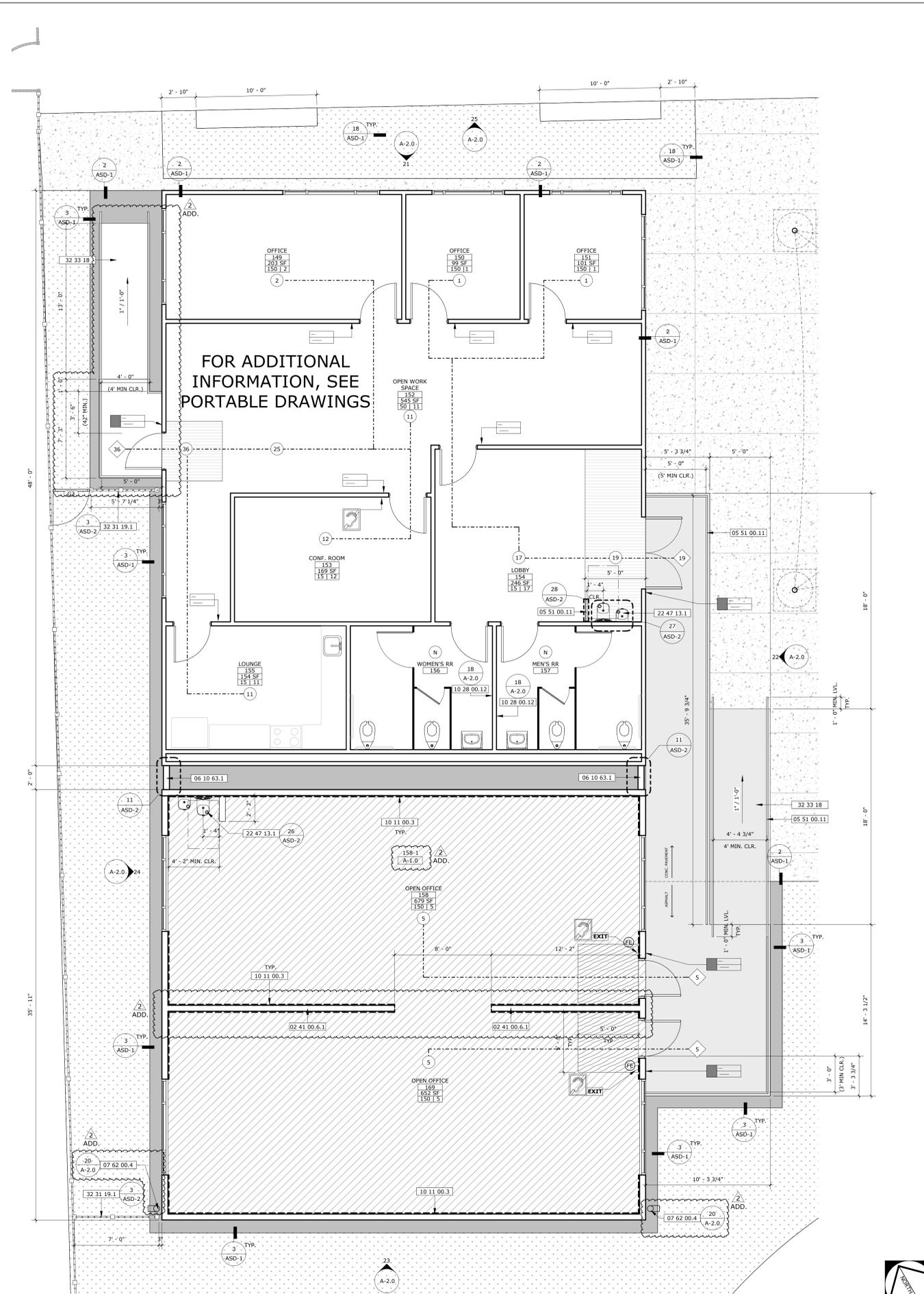
MARKERBOARD DETAIL SCALE: 6" = 1'-0" 22



PROJECTOR MOUNT SCALE: 1" = 1'-0" 28

ITEM	MATERIAL	LOCATION
06 41 00 - ARCHITECTURAL WOOD CASEWORK		CASEWORK @ KITCHEN
PL-1	WILSONART, 'RALEIGH WALNUT' #17015K-67	
06 63 16 - FIBERGLASS REINFORCED PANELING		RESTROOMS/ KITCHEN
FRP-1	NUDO, CLASS A, SMOOTH, CLASSIC COLOR 'WHITE' #151	
09 51 00 - ACOUSTICAL CEILINGS		TYPICAL KITCHEN
ACT-1	ARMSTRONG, FIGURED, SQUARE LAY-IN #755-WH, WHITE, 24"x48"x5/8" W/ 15/16" PRELUDE SUSPENSION SYSTEM, NRC: 0.55	
ACT-2	ARMSTRONG, CLEAR ROOM VL, SQUARE LAY-IN #870-WH, WHITE, 24"x48"x5/8" W/ 15/16" PRELUDE SUSPENSION SYSTEM, CAC: 0.40	
09 65 00 - RESILIENT FLOORING		RESTROOMS KITCHEN
SV-1	AHF CONTRACT, MIXED & VARIEGATED HOMOGENEOUS VINYL SHEET, 'STORM' #1H2G2M04 W/ 6" SELF-COVE BASE	
SV-2	SHAW CONTRACT, TRACTIONSAFETY SHEET, TRACTION SOLE #4492V, 'PROSPER' #00518	
09 65 00 - RESILIENT FLOORING (RUBBER BASE)		TYPICAL
RB-1	ROPPE, RUBBER BASE, 'SMOKE' #174, 4"H	
09 68 13 - TILE CARPETING		TYPICAL WALK-OFF
CPT-1	PATCRAFT, EASY ON THE EYES TILE #10227 'ALAKAZAM' #00412, 24"x24" IN ASHLAR INSTALL METHOD	
CPT-2	SHAW CONTRACT, STEPPIN OUT COLLECTION, WELCOME II TILE #5T031 'CHARCOAL' #31549, 24"x24" IN QUARTER TURN INSTALL METHOD	
09 91 13 - EXTERIOR PAINTING		TYPICAL RAMPY RAILS/ ROOF FLASHING/ GUTTERS/ DOWNSPOUTS/ FOUNDATION SKIRTING/ HK DOORS/ FRAMES/ TRIM
P-1	DUNN EDWARDS, 'WARM WHITE' #DEW380	
P-2	DUNN EDWARDS, CUSTOM COLOR TO MATCH 'JURUPA DARK GREY' CHYK 5,2,0,52	
P-3	DUNN EDWARDS, CUSTOM COLOR TO MATCH 'JURUPA RED' CHYK 0,94,75,27	
P-4	DUNN EDWARDS, CUSTOM COLOR TO MATCH 'JURUPA LIGHT ORANGE' CHYK 0,33,61,1	
P-5	DUNN EDWARDS, CUSTOM COLOR TO MATCH 'JURUPA LIGHT BLUE' CHYK 40,18,0,9	
P-6	DUNN EDWARDS, CUSTOM COLOR TO MATCH 'JURUPA DARK BLUE' CHYK 100,53,0,27	
P-7	DUNN EDWARDS, CUSTOM COLOR TO MATCH 'JURUPA GREEN' CHYK 13,0,68,24	
09 91 23 - INTERIOR PAINTING		GYP CEILING @ RESTROOMS
P-1	DUNN EDWARDS, 'WARM WHITE' #DEW380	
10 11 00 - VISUAL DISPLAY UNITS		TYPICAL
TWP-1	CHATTFIELD CLARKE, KOROSEAL, HURSTBOURNE, 'TRUFFLE' #VPHB-04 (FULL-HEIGHT)	
10 14 00 - SIGNAGE		TYPICAL
SIGN-1	CUSTOM COLORS TO MATCH EXISTING	
10 21 13.19 - PLASTIC TOILET COMPARTMENTS		RESTROOMS
TP-1	ASI ACCURATE PARTITIONS, 'PEWTER GRAY' #8100 W/ WOODGRAIN FINISH	
12 11 03 - MURAL PAINTING AND FAUX FINISHES		EXTERIOR
MUR-1	CUSTOM PAINTED MURAL, USING P-1 THRU P-7, ARCHITECT TO PROVIDE ARTWORK	
12 24 00 - WINDOW SHADES		TYPICAL
RS-1	DW INDUSTRY, 30 DN SERIES, 'BLACK/BLACK' #914, 3% OPENNESS	
12 36 00 - COUNTERTOPS		KITCHEN
PL-2	WILSONART, 'BACKYARD PATIO' #Y0755-38	
13 31 33 - PRE-ENGINEERED FABRIC SHADE STRUCTURES		EXTERIOR
FSS-1	USA SHADE, COLOURSHADE FR 'BLUE'	
32 13 13 - SITE CONCRETE		EXTERIOR/ SEAT WALLS
CONC-1	SIKA, NATURAL CONCRETE TO MATCH EXISTING	
32 31 19 - DECORATIVE METAL FENCES AND GATES		EXTERIOR
OSF-1	AMERISTAR, MONTAGE II SERIES, PRE-FINISHED POWDER COATING 'BLACK'	

COLORS, MATERIALS & FINISHES LEGEND



PROPOSED PLAN SCALE: 1/4" = 1'-0" 10

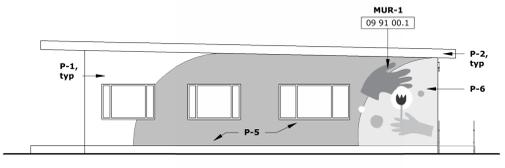
STAMPS
 CONSULTANT BRANDING

GENERAL NOTES

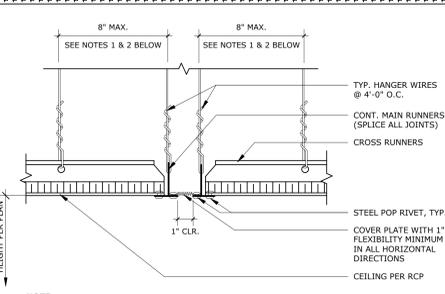
1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. ALL DIMENSIONS ARE TO FACE OF STUD, CENTERLINE OF COLUMN OR EDGE OF SLAB, U.N.O.

KEYNOTES

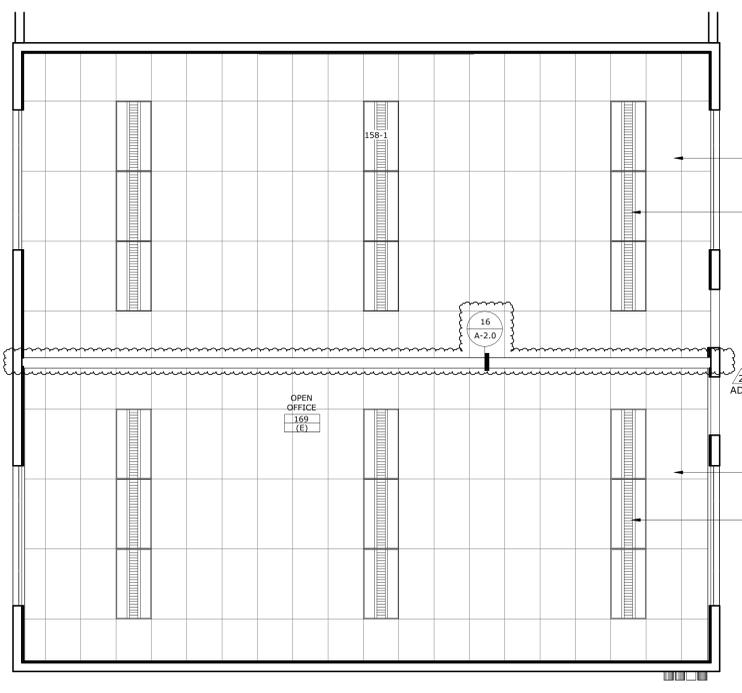
- 02 01 00 9.4 EXISTING SUSPENDED ACOUSTICAL CEILING TO REMAIN, PROTECT IN PLACE
 02 41 00 26.1 REMOVE AND REPLACE EXISTING 2x4 LIGHT FIXTURE
 09 91 00 1 CUSTOM PAINTED GRAPHIC
 09 91 00 3 CUSTOM PAINTED GRAPHIC. ADDRESS IDENTIFICATION SIGN SHALL CONTRAST WITH THE PROPOSED CUSTOM PAINTED GRAPHIC.



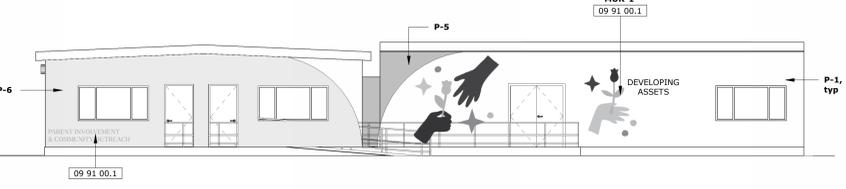
NORTH ELEVATION SCALE: 1/8" = 1'-0" 21



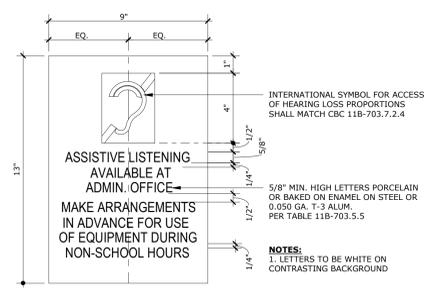
CEILING EXPANSION JOINT SCALE: 3" = 1'-0" 16



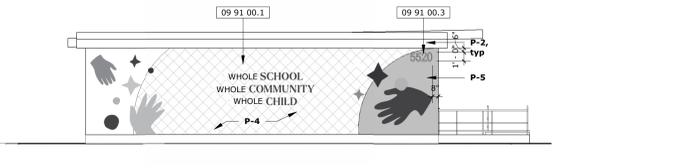
BUILDING 'B' REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0" 7



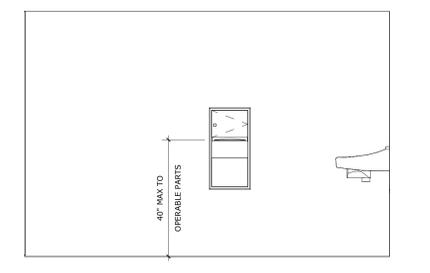
EAST ELEVATION SCALE: 1/8" = 1'-0" 22



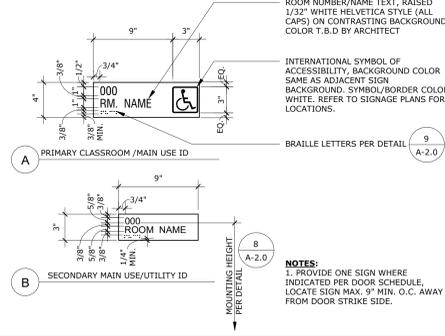
ASSISTIVE LISTENING SIGN SCALE: 3" = 1'-0" 17



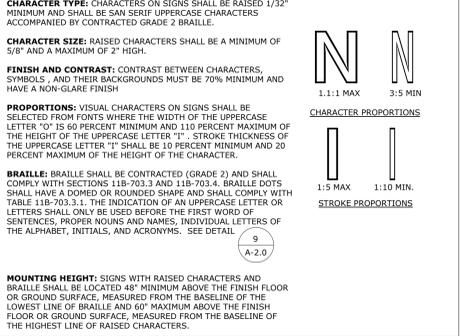
SOUTH ELEVATION SCALE: 1/8" = 1'-0" 23



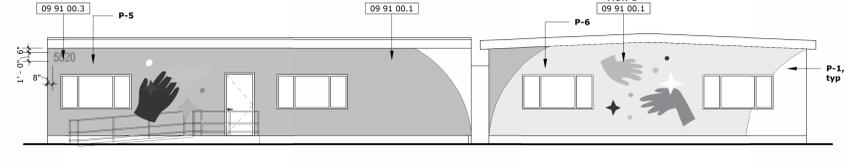
PAPER TOWEL HOLDER SCALE: 1/2" = 1'-0" 18



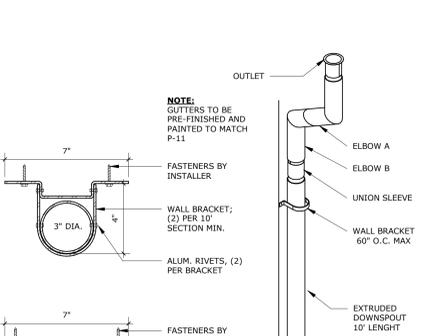
ROOM SIGNS SCALE: 1 1/2" = 1'-0" 13



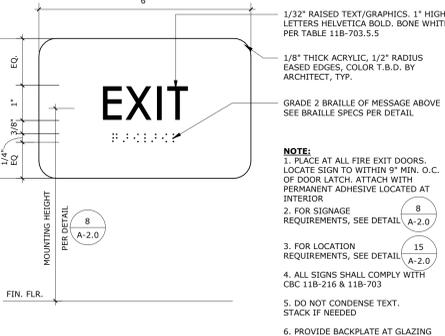
SIGNAGE REQUIREMENTS SCALE: 1" = 1'-0" 8



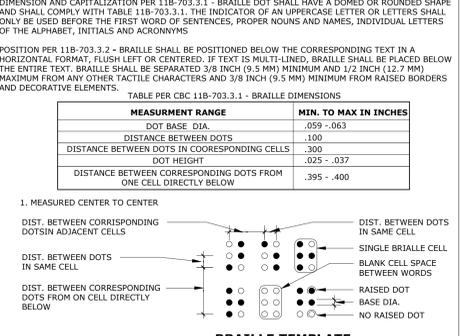
WEST ELEVATION SCALE: 1/8" = 1'-0" 24



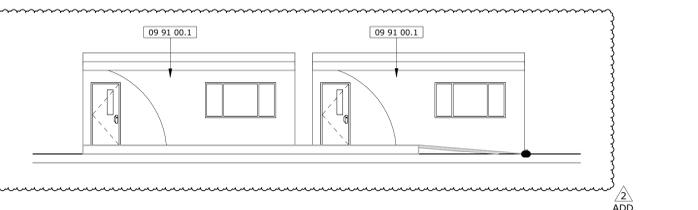
DOWNSPOUT @ WALL SCALE: 3" = 1'-0" 20



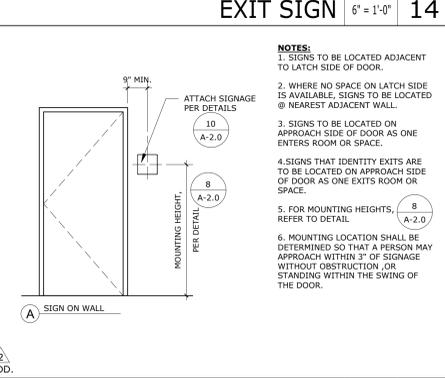
EXIT SIGN SCALE: 6" = 1'-0" 14



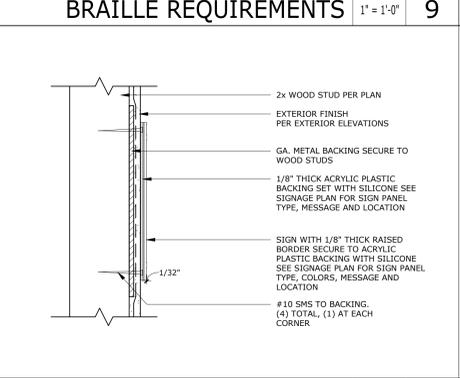
BRAILLE REQUIREMENTS SCALE: 1" = 1'-0" 9



SOUTH ELEVATION @ EXISTING PORTABLES SCALE: 1/8" = 1'-0" 25



DOOR SIGN LOCATIONS SCALE: 3/8" = 1'-0" 15



SIGN ATTACH PLASTER WALL SCALE: 3" = 1'-0" 10



AGENCY APPROVAL
PRO No. 2222222222222222

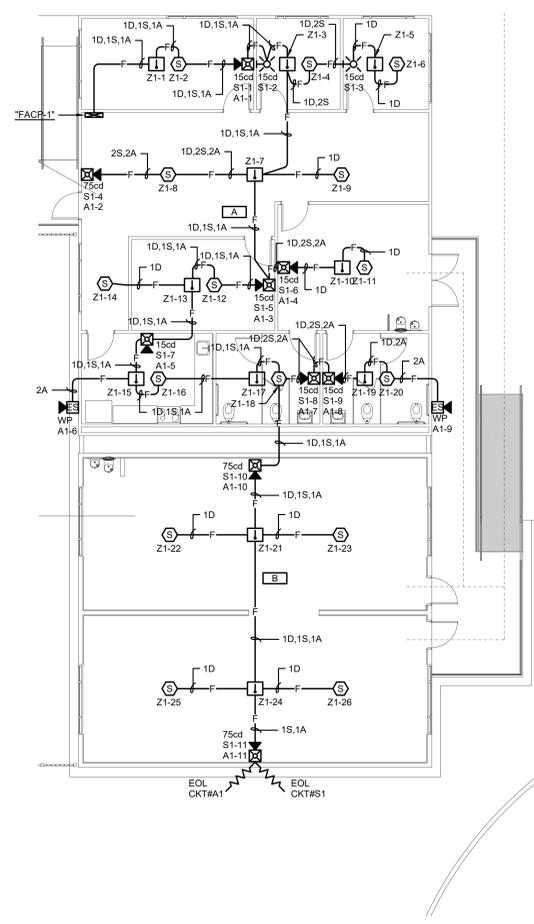
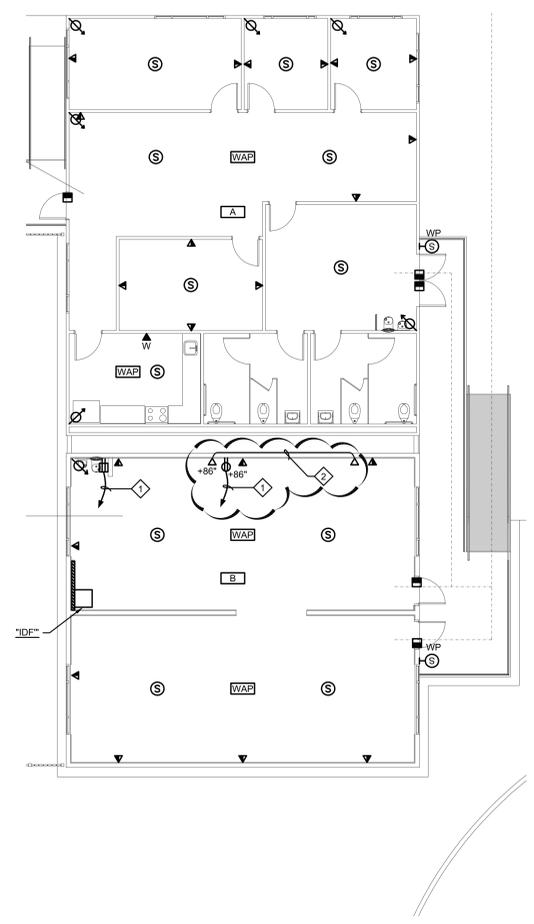
STAMPS

DCGA ENGINEERS
Consulting Mechanical and Electrical Engineers
4790 E. Ontario Mills Pkwy
Ontario, Ca. 91764
Ph: 951-997-0517
Fax: 951-997-7023

**RUHNAU
CLARKE
ARCHITECTS**

CONSULTANT BRANDING
SHEET NOTES

- 1 ROUTE 120 VOLT CIRCUIT FROM PANEL AT REAR OF PORTABLE TO RECEPTACLE. ROUTE 3/4" CONDUIT WITH 2#12 AND 1#12 GROUND. PROVIDE AND INSTALL NEW 20 AMP 1 POLE CIRCUIT BREAKERS TO MATCH EXISTING TYPE.
- 2 ROUTE (1) CAT 6 CABLE FROM DEVICE TO DEVICE.



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

FIRE ALARM PLAN SCALE: 1/8" = 1'-0" 2

PROJECT No. :14158
9/18/2024 9:14:17 AM

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DELTA #	DATE	ADD	APP	CCD	REV	
DELTA #	DATE	ADD	APP	CCD	REV	
DELTA #	DATE	ADD	APP	CCD	REV	

P:\JUSD Sky Country ES Modular Bldg and Parking Addition #24068\Dwgs\E\24068E21.dwg 2-12-26-5:21 PM

RUHNAUCLARKE.COM

**CHILDREN & FAMILY SERVICES
WEST PORTABLE**
CHILDREN & FAMILY SERVICES WEST
4850 PEDLEY ROAD, JURUPA VALLEY, CA 92509
JURUPA UNIFIED SCHOOL DISTRICT

ELECTRICAL PLAN AND FIRE ALARM PLAN

E-2.1

CHILDREN & FAMILY SERVICES WEST PORTABLE

Jurupa Unified School District Approved Contractor List

Updated 03/02/2026 10:43 AM

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
1st California Construction, Inc.	P.O.BOX 70316, Pasadena, CA, 91117	Alex Zamani	626-533-5673	firstconstruction@yahoo.com	A (General Engineering Contractor), B (General Building Contractor)	\$7,500,000	09/30/2026
2H Construction, Inc.	2653 Walnut Ave, Signal Hill, CA, 90755	Ryan Shotwell	562-424-5567	ryan@2hconstruction.com	A (General Engineering Contractor), B (General Building Contractor)	\$50,000,000	03/07/2026
A M E Builders Inc dba A M E Roofing	2095 W Arrow Rte., Upland, CA 91786	Don Seo	909-766-3200	estimating@amebuilders.net	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), A (General Engineering Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$3,800,000	02/23/2027
Abdellatif Enterprises, Inc.	26072 Merit Circle Suite 103, Laguna Hills, CA, 92653	Noha Abdellatif	949-215-4790	noha@abdellatifenterprises.com	C-5 (Framing and Rough Carpentry Contractor), B (General Building Contractor), C-61 (Limited Specialty)	\$5,000,000	04/09/2026
ABNY General Engineering Inc	950 Cloverview Dr, Glendora, CA, 91741	Sam Wahba	626-586-2020	samwahba@abnyinc.com	A (General Engineering Contractor), B (General Building Contractor)	\$7,400,000	02/23/2027
ACCO ENGINEERED SYSTEMS INC dba ACCO ENGINEERED SYSTEMS	888 East Walnut Street, Pasadena, CA 91101	Cindi Adler	818-244-6571	cadler@accoes.com	A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-16 (Fire Protection Contractor), C-42 (Sanitation System Contractor)	\$400,000,000	03/07/2026
Ace Electric Inc	14286 Danielson Street, Poway CA 92064	Carol Powell	619-814-4767	carol.p@aceelectricinc.com	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor)	\$14,100,000	03/02/2027
ACH Mechanical Contractors, Inc.	1740 Howard Place, Redlands, CA 92373	Amanda Sanchez	909-307-2850	amandas@achmechanical.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$10,500,000	12/05/2026
Advanced Cable Solutions, Inc.	28343 Kelly Johnson Pkwy, Unit 100 Valencia, CA 91355	Rob Harrington	818-362-2200	bids@acsdbi.com	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	\$14,500,000	09/17/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Air-Ex Air Conditioning, Inc.	157 Gentry St, Pomona, CA, 91767	Michael Lynaugh	909-596-6856	m.lynaugh@air-ex.com	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-7 (Low Voltage Systems Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$1,800,000	03/27/2026
AireMasters Air Conditioning	12556 McCann Drive, Santa Fe Springs, CA, 90670	Stephanie Haney	562-944-6302	shaney2@airemasters-ac.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor)	\$5,000,000	03/31/2026
ALESSANDRO ELECTRIC INCORPORATED	11335 Sunrise Gold Circle Rancho Cordova, CA 95742	CLINT ALESSANDRO	916-283-6966	estimating@alessandroelectric.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	\$8,000,000	03/20/2026
All American Building Services	PO Box 802586, Santa Clarita, CA, 91380	ANTHONY INNABI	323-422-6013	anthony@allamericanrebuild.com	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-27 (Landscaping Contractor), C-33 (Painting and Decorating Contractor), C-36 (Plumbing Contractor), HAZ (Hazardous Substance Removal Certification), C-61 (Limited Specialty)	\$1,750,000	09/17/2026
All Star Air Systems, Inc.	18627 Brookhurst St, #315, Fountain Valley, CA, 92708	Dana Miranda	714-277-5557	allstarairsystems@gmail.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor)	\$3,700,000	03/10/2026
Allison Mechanical, Inc.	1968 Essex Ct, Redlands, CA, 92373	Bonnie Gordon	909-478-5633	office@allison1.net	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), HAZ (Hazardous Substance Removal Certification)	\$6,300,000	12/08/2026
APEX FIRE PROTECTION, INC.	2155 VERDUGO BLVD. #220, MONTRROSE, CA, 91020	ZARE BABAYAN	818-957-3400	apexfireinc@yahoo.com	C-16 (Fire Protection Contractor)	\$880,000	02/10/2027
Apple Valley Communications, Inc.	PO Box 787, Apple Valley, CA, 92307	Jay Lovato	760-247-2668	jlovato@avcsystems.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	\$9,600,000	02/23/2027
Archico Design Build Inc.	2010 N.Tustin Ave. Santa Ana, CA 92705	Alan Alavi	714-714-7070	alan@archico.com	A (General Engineering Contractor), B (General Building Contractor)	\$3,750,000	12/04/2026
ARGEE Construction Inc., dba Craftsman Construction	1726 W. 9th Street, Upland, CA, 91786	Ralph Guglielmo	909-981-9000	estimating@craftscon.com	B (General Building Contractor), C-8 (Concrete Contractor)	\$4,900,000	02/24/2027
Aris construction	806 magnolia , burbank, CA, 91501	Aris Shahbazyan	818-395-3837	arisconstruction@outlook.com	B (General Building Contractor), C-10 (Electrical Contractor)	\$800,000	11/25/2026
Arrow Parking Lot Service, Inc.	5030 Gayhurst Avenue, Baldwin Park, CA, 91706	Martha Gallardo	626-962-8696	martha@arrowpls.com	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors)	\$1,000,000	03/31/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Arrowhead Mechanical Inc dba Arrowhead Sheet Metal	209 N. Waterman Ave, San Bernardino, CA, 92408	Gena Munguia	909-884-0174	geg0509@yahoo.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-7 (Low Voltage Systems Contractor)	\$2,500,000	03/26/2026
Avidex Industries LLC	20382 Hermana Circle, Lake Forest, CA, 92630	Ron Ponce	949-428-6333	biddesk@avidex.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	\$20,000,000	02/12/2027
AWI Builders, Inc.	1027 Sherlock Drive, Burbank, CA, 91501	Anna Mekikyan	562-948-1133	support@awibuilders.com	B (General Building Contractor), C-23 (Ornamental Metal Contractor), C-51 (Structural Steel Contractor), C-10 (Electrical Contractor), C-17 (Glazing Contractor)	\$23,000,000	12/08/2026
BAKER ELECTRIC & RENEWABLES LLC dba BAKER ELECTRIC	1298 Pacific Oaks Place, Escondido, CA, 92029	Prequalification Department	760-745-2001	prequal@baker-electric.com	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-46 (Solar Contractor)	\$70,000,000	03/26/2026
BALFOUR BEATTY CONSTRUCTION LLC	13520 Evening Creek Drive North, Suite 270, San Diego, CA 92128	Karli Franks	858-635-7400 x39	kfranks@balfourbeattyus.com	A (General Engineering Contractor), B (General Building Contractor)	\$650,000,000	09/16/2026
Bali Construction, Inc.	9852 E. Joe Vargas Way, South El Monte, CA, 91733	Will Harris	626-442-8003	estimating@baliconstruction.com	A (General Engineering Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-16 (Fire Protection Contractor), C-36 (Plumbing Contractor)	\$15,000,000	03/27/2026
BCM Group, Inc.	9339 Feron Boulevard, Rancho Cucamonga, CA, 91730	Martin Casas	909-527-3820	bids@bcmg.us	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-33 (Painting and Decorating Contractor), C-36 (Plumbing Contractor)	\$3,750,000	12/08/2026
Bell Roof Co.	755 S La Cadena Dr Colton, Ca 92324	Scott Lyon	909-885-6863	info@bellroofcompany.com	C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), C-2 (Insulation and Acoustical Contractor)	\$1,000,000	03/27/2026
Bernards Bros Inc.	555 First Street, San Fernando, CA 91340	Ali Hansen	909-559-1891	ahansen@bernards.com	A (General Engineering Contractor), B (General Building Contractor)	\$85,250,000	09/16/2026
Best Contracting Services, Inc.	4301 Bettencourt Way Union City, CA 94587	Myris Guballa	310-328-6969 x210	estimating@bestcontracting.com	A (General Engineering Contractor), B (General Building Contractor), C-17 (Glazing Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	\$36,000,000	12/04/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Beta Investments & Contracts Inc.	1613 East Glenoaks Blvd., Suite A, Glendale, CA, 91206	Haro Bezdikian	818-241-6774	haro@betacontractsinc.com	B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	\$17,500,000	03/02/2027
Blackstone Builders Inc.	1785 Pomona Road, Suite B, Corona, CA 92878	Blackstone Builders	951-736-1600	vmendez@blackstonebuildersinc.com	B (General Building Contractor)	\$3,000,000	09/28/2026
BNBUILDERS INC	121 Innovation Dr. Suite 150, Irvine, CA 92617	Madison Perkins	714-448-6073	madison.perkins@bnbuilders.com	B (General Building Contractor), A (General Engineering Contractor)	\$92,000,000	03/26/2026
Bogh Engineering LLC	401 W. 4th Street, Beaumont, CA, 92223	Lisa Venable	951-845-4607	lisa@bogh.biz	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-29 (Masonry Contractor), C-50 (Reinforcing Steel Contractor)	\$15,000,000	04/14/2026
Bowen Engineering and Environmental	4664 S. Cedar Ave, Fresno, CA, 93725	Erik Bowen	559-233-7464	office@bowendemo.com	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification), C-10 (Electrical Contractor), C-39 (Roofing Contractor), C-33 (Painting and Decorating Contractor), C-61 (Limited Specialty)	\$1,400,000	01/30/2027
BRAVO CONCRETE CONSTRUCTION SERVICES, INC.	681 W. LA CADENA DRIVE, RIVERSIDE, CA, 92501	KATHLEEN BOHANNON	951-680-9009	kathy@bravoconcreteshop.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor)	\$16,000,000	03/27/2026
C.I. Services, Inc.	1145 E. Stanford Court, Anaheim, CA 92805	Andrew Wolstan	714-867-9178	service@cisroofing.com	C-39 (Roofing Contractor), C-46 (Solar Contractor)	\$2,250,000	09/26/2026
C.W. Driver, LLC	468 N. Rosemead Blvd., Pasadena, CA, 91107	Jennifer Vasquez	626-351-8800	jvasquez@cwdriver.com	B (General Building Contractor)	\$105,000,000	03/27/2026
Caston, Inc.	354 S Allen St, San Bernardino, CA, 92408	Christina Spaich	626-710-7991	christina@castoninc.com	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-9 (Drywall Contractor), C-35 (Lathing and Plastering Contractor), C-61 (Limited Specialty)	\$20,000,000	03/28/2026
CENTURY PAVING INCORPORATED	14630 E Firestone Blvd., La Mirada, CA, 90638	Eddie Imperial	714-522-2910	lori@paveit.com	C-12 (Earthwork and Paving Contractors), A (General Engineering Contractor), C-32 (Parking and Highway Improvement Contractor), C-61 (Limited Specialty)	\$5,000,000	04/07/2026
CG Acoustics, Inc	31100 Busby Rd., Winchester, CA, 92596	Christopher Ginter	951-458-0011	cgacoustics@yahoo.com	C-2 (Insulation and Acoustical Contractor), B (General Building Contractor)	\$1,000,000	05/27/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Chambers Inc. dba Roof Construction	1563 Sterling Ct, Escondido, CA, 92029	Sunny Harrington	760-738-1050	sunny@roofconstruction.com	C-39 (Roofing Contractor), B (General Building Contractor)	\$6,000,000	03/26/2026
Champion Electric Inc.	3950 Garner Road, Riverside, CA, 92501	Patrick Howard	951-276-9619	estimating@championelec.com	B (General Building Contractor), C-10 (Electrical Contractor)	\$4,800,000	04/01/2026
Chapman Air Systems, Inc. dba WR Robbins Company	1927 Plaza Real, Oceanside, CA, 92056	Roberta Chapman	760-842-8800	estimating@wrrobbins.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$4,500,000	09/27/2026
Christianbelle Electric Inc.	P.O.Box 402589, Hesperia, CA, 92340	Shannon Blocker	760-948-3444	shannon@christianbelle.com	C-10 (Electrical Contractor), B (General Building Contractor)	\$6,800,000	02/10/2027
Circle City Electric, Inc.	18726 Van Buren Blvd., Riverside, CA 92508	John Johnson	951-789-6872 x102	john.johnson@circlecityelectric.com	B (General Building Contractor), C-10 (Electrical Contractor)	\$7,100,000	03/02/2027
Color New Corp	22855 Califa St., Woodland Hills, CA, 91367	Louis Loizu	818-884-0856	colornewcorp@yahoo.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	\$7,000,000	09/27/2026
Commercial Roofing Systems Inc.	11735 Goldring Road, Arcadia, CA, 91006	Glenn Hiller	626-359-5354	crs@comroofsys.com	C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	\$5,750,000	03/27/2026
Communication Wiring Specialists	8909 complex dr, san diego, CA, 92123	Vasanth Waran	858-278-4545	vasanth@cwssandiego.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	\$3,000,000	03/02/2027
Construct 1 One, Corp	9221 Irvine Blvd., Irvine, CA, 92618	Sam Reed	714-259-5400	Samr@construct1.com	B (General Building Contractor)	\$33,750,000	09/17/2026
Construction Electric Inc.	18885 Van Buren Blvd. #4C, Riverside, CA, 92508	K.C. Lockhart III	951-789-8350	KC@constructionelectric.com	C-10 (Electrical Contractor)	\$3,000,000	04/07/2026
Continental Plumbing, Inc.	11165 Thurston Lane, Jurupa Valley, CA, 91752	Grace Monreal	951-360-8300	grace.monreal@continentalplumbing.com	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-16 (Fire Protection Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor), HAZ (Hazardous Substance Removal Certification)	\$2,000,000	09/30/2026
Control Electric Inc.	840 E Parkridge Ave, Suite 106, Corona, CA, 92879	Neil Fox	951-739-7399	nfox@controlelectric.net	C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$100,000	04/01/2026
Cooley Construction Inc.	17525 Eucalyptus Street, Suite G, Hesperia, CA, 92345	Kelly Trentham	760-948-8400 x102	ktrentham@cooleyconstruction.net	A (General Engineering Contractor)	\$3,000,000	03/27/2026
Core Contracting, Inc	1068 La Mirada Ct Vista, CA 92081	Aric Taylor	760-683-8308	ataylor@corecontractinginc.com	B (General Building Contractor), C-5 (Framing and Rough Carpentry Contractor)	\$7,000,000	04/10/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Corner Keystone Construction Corporation	440 N Barranca Ave #5210, Covina, CA, 91723	Man DY	844-252-2677	office@cornerkeystone.com	C-33 (Painting and Decorating Contractor), B (General Building Contractor)	\$980,000	03/02/2027
Couts Heating and Cooling, Inc.	1693 Rimapu Ave. Corona, CA 92881	Michael Stewart	951-278-5560	estimating@couts.com	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor), C-38 (Refrigeration Contractor), C-2 (Insulation and Acoustical Contractor)	\$7,700,000	09/28/2026
Crew, Inc.	19618 South Susana Road, Rancho Dominguez, CA, 90221	David Lalonde	310-608-6860	bid@crewgrading.com	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors), C-21 (Building Moving/Demolition Contractor), C-31 (Construction Zone Traffic Control Contractor)	\$9,400,000	04/10/2026
Crosby Plumbing Inc dba Emerald Construction	371 Crosby St. , Altadena, CA, 91001	Anthony Tatikian	626-765-9672	admin@crosbyplumbing.net	A (General Engineering Contractor), B (General Building Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor)	\$1,000,000	09/17/2026
CTG Construction Inc. dba C T Georgiou Painting Co.	433 Lecouvreur Ave. , Wilmington, CA, 90744	Costas Georgiou	310-834-8015	mariab@ctgconstruction.net	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	\$15,000,000	05/15/2026
Cuyamaca Const., Inc.	10763 Woodside Avenue #D, Santee, CA, 92071	Erica Flinn	619-449-0750	erica@cuyamacaconst.com	B (General Building Contractor)	\$8,000,000	04/09/2026
D. Burke Mechanical Corp.	1925 Tandem Way, Norco, CA, 92860	Velouria Bustos	951-279-7700	velouria@dburkepipe.com	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	\$2,000,000	09/28/2026
DALKE & SONS CONSTRUCTION, INC.	4585 Allstate Drive, Riverside, CA, 92501	Barry Dalke, Vice President	951-274-9880	barry@dalkeandsons.com	B (General Building Contractor), C-10 (Electrical Contractor)	\$7,000,000	03/24/2026
Daniel's Electrical Construction Co., Inc.	10881 Business Drive, Fontana, CA, 92337	Dustin Ispas	909-427-9000	lisa@danielselectric.com	C-10 (Electrical Contractor)	\$5,600,000	12/05/2026
Danny Letner Inc. dba Letner Roofing Company	1490 N. Glassell Street, Orange, CA, 92867	Angie Ruiz	714-633-0030	aruiz@letner.com	B (General Building Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	\$20,000,000	05/14/2026
DC Integrate, Inc.	172 S. Brent Cir., City of Industry, CA 91789	Jack Shundong Yao	909-598-5921	dcintegrate@gmail.com	B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$2,750,000	03/20/2026
DIVAD CORPORATION	1411 N Batavia Street #114 Orange, CA 92867	David Smith	714-941-8165	accounting@divadcorp.com	C-7 (Low Voltage Systems Contractor)	\$530,000	02/12/2027

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Diversified Thermal Services, LLC	1220 N Barsten Way, Anaheim, CA, 90260	Sarah Mendrin	714-632-7401	sarahm@dtthermal.net	B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-38 (Refrigeration Contractor)	\$20,000,000	12/08/2026
Doja, Inc	5050 mission blvd, Ontario, CA, 91762	Bassel Jaber	626-430-8105	bassel@dojainc.com	A (General Engineering Contractor), B (General Building Contractor), C-12 (Earthwork and Paving Contractors), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	\$2,200,000	04/15/2026
EDWARDS CONSTRUCTION GROUP, INC.	991 Bennett Ave	BRAD EDWARDS	805-868-2874	brad@weareedwards.com	A (General Engineering Contractor), B (General Building Contractor)	\$16,000,000	03/26/2026
EIDIM Group Inc. dba EIDIM AV Technology	1015 S. Placentia Ave. Fullerton, CA 92831	Aman Jain	562-777-1009 x104	estimate@eidim.com	B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	\$2,250,000	03/27/2026
El Karnak Construction Inc	1109 San Bernardino Rd, Suite 120, Covina, CA, 91722	Isaiah Guirguis	626-926-8046	isaiah@elkarnakconstruction.com	C-10 (Electrical Contractor)	\$625,000	07/15/2026
Electric Service & Supply Co of Pasadena	2668 East Foothill Blvd., Pasadena, CA, 91107	Sean Lazarian	626-795-8641	sean@esscoelectric.com	C-10 (Electrical Contractor), B (General Building Contractor)	\$6,500,000	07/17/2026
Electro Construction Corp.	2225 Windsor Ave., Altadena, CA, 91001	Ru Jensen	323-660-4141	compliance@electroconstruction.com	B (General Building Contractor), C-10 (Electrical Contractor)	\$3,600,000	09/28/2026
Empyrean Plumbing, Inc.	3404 Niki Way, Riverside, CA, 92507	David Koralewski	951-776-4616	dave@empyreanplumbing.com	C-36 (Plumbing Contractor), C-34 (Pipeline Contractor), C-2 (Insulation and Acoustical Contractor), B (General Building Contractor)	\$10,000,000	09/28/2026
Erickson-Hall Construction Co.	500 Corporate Drive, Escondido, CA, 92029	Rachael Gonzalez	760-796-7700	rgonzalez@ericksonhall.com	A (General Engineering Contractor), B (General Building Contractor), HAZ (Hazardous Substance Removal Certification)	\$66,000,000	07/03/2026
Exclusive Metal Inc.	14118 Meridian Parkway, Riverside CA 92518	Liz Stark	951-943-3948 x1001	liz@exclusivemetalinc.com	C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	\$1,400,000	03/28/2026
F.E.C. Electric, Inc.	760 E. Stuart Ave., Redlands, CA 92374	Erica Waddell	909-793-0965	erica@fec-electric.com	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor)	\$12,300,000	09/26/2026
Federal Technology Solutions Inc	1828 Railroad St, Corona, CA, 92878	Holly Thach	951-808-9660	hollyt@federalsales.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), B (General Building Contractor)	\$8,100,000	09/28/2026

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First Electric Systems, Inc.	815 Sungrove Pl., Brea, CA, 92821	Jason Ahn	714-801-5599	fesjason@gmail.com	C-10 (Electrical Contractor), B (General Building Contractor)	\$4,600,000	04/04/2026
Fischer, Inc.	1372 W. 26th Street, San Bernardino, CA, 92405	Beth Morgan	909-881-2910 x6	beth@fischerinc.us	A (General Engineering Contractor), C-16 (Fire Protection Contractor), C-36 (Plumbing Contractor), B (General Building Contractor)	\$5,000,000	07/03/2026
Franklin Mechanical Systems, Inc	185 W. 4th Street, Beaumont, CA, 92223	Joe Horacek	951-845-1000	joefms@earthlink.net	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$7,000,000	04/07/2026
G A ABELL INC DBA PRECISION ELECTRIC CO	8137 Winter Gardens Blvd., Lakeside, CA 92040	Melanie Bisher	619-390-2991	estimating@precisionelectricco.com	B (General Building Contractor), A (General Engineering Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-46 (Solar Contractor)	\$5,000,000	05/23/2026
Global Modular Inc	1120 Commerce Ave, 25, Atwater, CA, 95301	Adam DeBard	209-676-8029	adebard@gdvi.net	B (General Building Contractor)	\$10,000,000	05/21/2026
H.L. Moe Co., Inc.	526 Commercial Street, Glendale, CA, 91203	Chelsea Sullens	818-572-2100	csullens@moeplumbing.com	C-36 (Plumbing Contractor), C-42 (Sanitation System Contractor), C-16 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$7,500,000	03/02/2027
Hamel Concrete, Inc.	26431 Jefferson Ave. Ste. E, Murrieta, CA, 92562	Jeff Hale	951-474-0200 x112	concrete@hamelinc.com	C-8 (Concrete Contractor), A (General Engineering Contractor), B (General Building Contractor)	\$10,000,000	09/17/2026
HCI Systems, Inc.	1219 Elm Street, Ontario CA 91761	Jason Beardsley	909-628-7773	kmontero@hcisystems.net;Jbeardsley@hcisystems.net	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor), C-16 (Fire Protection Contractor)	\$10,000,000	12/04/2026
HMF Construction Inc	2629 Country Club Dr, Glendora, CA, 91741	Hisham Fakh	909-896-7980	sam.m.fakh@gmail.com	B (General Building Contractor)	\$2,400,000	02/20/2027
Inland Building Construction Companies, Inc.	323 S. Sierra Way, San Bernardino, CA, 92408	Lori Cardoza	909-884-6276	ruso@ibccinc.com	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-8 (Concrete Contractor), C-10 (Electrical Contractor), C-61 (Limited Specialty)	\$7,000,000	03/20/2026
INLAND PACIFIC ELECTRICAL CONTRACTORS, INC.	9155 ARCHIBALD AVENUE SUITE 905, RANCHO CUCAMONGA, CA, 91730	SCOTT BURNS	909-948-9369	office@inlandpacific.net	C-10 (Electrical Contractor)	\$500,000	07/03/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Integrated Demolition and Remediation Inc.	421 E. Cerritos Ave. Anaheim, CA 92805	Nick Vora	714-340-3333	nick@idrdemo.com	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	\$26,000,000	03/10/2026
Intercom Clock & Signal Service	PO Box 5255, Riverside, CA, 92507	Jennifer Abbasi	951-683-3637	j.abbasi@icsservice.net	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	\$1,900,000	05/14/2026
Interior Resources Inc, dba Commercial Interior Resources	1761 Reynolds Ave , Irvine, CA, 92614	Danielle Lisotto	949-752-1470	dlistotto@cir-resource.com	C-15 (Flooring and Floor Covering Contractors), B (General Building Contractor)	\$1,200,000	07/17/2026
Interpipe Contracting, Inc.	10870 Hartley Road, Santee, CA, 92071	Ron Smith	619-596-7733	info@interpipecontracting.com	C-34 (Pipeline Contractor), C-36 (Plumbing Contractor)	\$3,000,000	12/06/2026
J/K Excavation & Grading Co., Inc.	541 W. Rialto Ave., Rialto, CA, 92376	Christine Pelayo	909-357-1800 x128	cpelayo@jkexcavation.com	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors)	\$7,500,000	04/14/2026
JAM Fire Protection, Inc. dba JAM Corporation	1930 S. Myrtle Ave., Monrovia, CA, 91016	Geoff Szabo	626-256-4400	geoff.szabo@jamfire.com	B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	\$10,000,000	07/09/2026
Janus Corporation	1220 Keystone Way, Vista, CA, 92081	Maricela Lamas	760-598-7374	maricelal@januscorp.com	A (General Engineering Contractor), B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	\$9,800,000	05/15/2026
Jergensen Concrete Inc.	9353 Buttemere Rd, Phelan, CA, 92371	KYLE JERGENSEN	760-947-4545	kylejergensen@outlook.com	B (General Building Contractor), C-8 (Concrete Contractor), A (General Engineering Contractor)	\$2,300,000	03/02/2027
Jergensen Construction Inc	9320 Daisy Rd, Oak hills, CA, 92344	Todd Jergensen	760-947-4545	toddj@jergensens.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor)	\$8,300,000	02/23/2027
JPI Development Group, Inc.	41205 Golden Gate Circle, Murrieta, CA, 92562	Maricza Baltazar	951-973-7680	estimating@jpidevelopment.com	A (General Engineering Contractor), B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-8 (Concrete Contractor), C-16 (Fire Protection Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor)	\$9,250,000	09/28/2026
K.A.R. Construction, Inc.	1306 W Brooks Street, Ontario, CA, 91762	Kurt Rothweiler	909-988-5054	kurtrothweiler@karconstruction	B (General Building Contractor), C-8 (Concrete Contractor)	\$14,000,000	05/21/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
K.E. Rodgers, Inc.	530 Texas Street, Redlands, CA 92374	Dawn Peer	909-735-5038	dawnpeer@gmail.com	C-36 (Plumbing Contractor)	\$400,000	12/08/2026
Kamran and Company, LLC	415 N Salsipuedes Street, Santa Barbara, CA, 93103	Anja Nachtigall	800-480-9418 x4028	anja@kamranco.com	B (General Building Contractor), C-61 (Limited Specialty), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor)	\$10,000,000	03/10/2026
Kerns Inc A California Corporation	17560 Catalpa St, Hesperia, CA, 92345	Shelly Waggoner	760-949-8800	office@kernscon.com	A (General Engineering Contractor), B (General Building Contractor), C-36 (Plumbing Contractor), C-34 (Pipeline Contractor)	\$12,000,000	09/29/2026
Kisba Contracting, Inc.	125 Mercury Cir, Pomona, CA, 91768	Adrienne Gylling	909-444-0023	info@kisbacontracting.com	B (General Building Contractor)	\$1,000,000	04/02/2026
KITCOR CORPORATION	9959 Glenoaks Blvd, Sun Valley, CA, 91352	Ruby Soriano	818-767-4800 x15	ruby@kitcor.com	C-43 (Sheet Metal Contractor)	\$2,250,000	03/28/2026
KYA Services, LLC	1800 E McFadden Ave, Santa Ana, CA, 92705	Jessica Amaro	714-659-6477	prequal@theyyagroup.com	A (General Engineering Contractor), B (General Building Contractor), C-15 (Flooring and Floor Covering Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	\$38,000,000	03/28/2026
Lee and Stires, Inc.	634 S. Palmetto Ave, Ontario, CA, 91762	Katrina Richardson	909-983-9557	katrinar@lee-stires.com	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors)	\$5,600,000	09/28/2026
Liberty Climate Control, Inc.	2447 Chico Avenue, South El Monte, CA, 91733	Sylvia Duarte	626-575-3131	sylvia@libertyclimate.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$8,400,000	04/08/2026
Los Angeles Engineering, Inc.	633 N. Barranca Ave, Covina, CA, 91723	Joseph Haygood	626-454-5222 x208	joseph@laeng.net	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-27 (Landscaping Contractor), HAZ (Hazardous Substance Removal Certification), C-61 (Limited Specialty)	\$14,250,000	12/05/2026
M. Wilson Company Contractors, Inc.	2605 Sierra Way, La Verne, CA. 91750	Michelle Darino	909-593-5272	mdarino@uia.net	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	\$4,000,000	04/02/2026
Mack P and S Construction, Inc.	32020 Corydon Road, Wildomar, CA, 92595	Jennifer Bates	951-674-1267 x100	mackconst@gmail.com	A (General Engineering Contractor), B (General Building Contractor), C-36 (Plumbing Contractor)	\$1,000,000	12/04/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
MAGNETAR US INC	4319 N Brawley Ave, Fresno, CA, 93722	Greg Hardin	559-477-4137	greg.hardin@magnetar.us	B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-61 (Limited Specialty)	\$3,400,000	12/08/2026
Marina Landscape, Inc.	3707 W Garden Grove Blvd, Orange, CA, 92868	Hue Ta	714-939-6600 x485	estimator@marinaco.com	A (General Engineering Contractor), B (General Building Contractor), C-27 (Landscaping Contractor), C-36 (Plumbing Contractor), C-61 (Limited Specialty), C-29 (Masonry Contractor)	\$30,000,000	01/13/2027
MDB General Engineering, Inc.	444 West C Street, Ste 220, San Diego, CA 92101	Courtney Statham	619-732-3900	team@wearemdb.com	A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification)	\$4,300,000	02/19/2027
Mel Smith Electric, Inc.	10950 Dale Street, Stanton, CA, 90680	Mel Smith	714-761-3205	estimating@melsmithelectric.com	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-12 (Earthwork and Paving Contractors), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	\$9,400,000	02/19/2027
Millsten Enterprises Inc.	31051 11th st, Nuevo, CA, 92567	Gregory Mills	951-238-8666	gem@millsten.com	A (General Engineering Contractor), C-27 (Landscaping Contractor)	\$370,000	02/07/2027
Mission Paving and Sealing, Inc.	12747 Schabarum Ave., Irwindale, CA, 91706	Christine Liles	626-452-8200	christine@missionpaving.com	C-8 (Concrete Contractor), C-12 (Earthwork and Paving Contractors), C-27 (Landscaping Contractor), A (General Engineering Contractor)	\$3,600,000	03/02/2027
MLC Constructors, Inc.	710 Rimpau Ave., Ste. 208, Corona, CA, 92879	James McCoy	951-393-0781	estimating@mlcconstructors.com	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-51 (Structural Steel Contractor)	\$2,900,000	03/02/2027
Montgomery Hardware Co.	8777 Lanyard Court, Rancho Cucamonga, CA, 91730	Caroline Ruzzamenti	909-204-4000	estimating@montgomeryhardware.com	C-61 (Limited Specialty), B (General Building Contractor), C-28 (Lock and Security Equipment Contractor)	\$14,000,000	04/15/2026
MPI - Miller Plumbing Inc.	949 N Cataract Ave #L, San Dimas CA 91773	David Miller	626-714-5555	estimating@mpiplumbing.com	C-36 (Plumbing Contractor), C-34 (Pipeline Contractor)	\$4,000,000	02/19/2027
Nations Roof West LLC	5463 E. Hedges Ave, Fresno, CA, 93727	Sean Rauch	559-252-1255	srauch@nationsroof.com	B (General Building Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	\$25,000,000	03/26/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
NEAL ELECTRIC CORP dba NEAELECTRIC INC.	5928 Balfour Court, Carlsbad, CA 92008	Brad Rosen	562-738-8302	brad.rosen@neaelectric.com	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	\$11,100,000	12/09/2026
Neff Construction, Inc.	P.O. Box 1488, Ontario, CA, 91762	Julie Wilson	909-947-3768	Juliew@neffcon.com	B (General Building Contractor)	\$47,500,000	09/18/2026
NextMod, Inc.	6361 Box Springs Springs, Riverside, CA, 92507	Sean Khan	909-740-3120	sean@nextmodinc.com	B (General Building Contractor)	\$3,750,000	09/27/2026
NKS Mechanical Contracting, INC	2971 E. White Star Ave, Anaheim, CA, 92806	Namir Shmara	714-281-5123	biddesk@nksmechanical.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$6,250,000	04/01/2026
O C S Construction Services Inc	3664 Elizabeth Street, Riverside, CA, 92506	Mark Vaca	909-327-3373	info@occonstruction.com	B (General Building Contractor)	\$920,000	01/13/2027
Ohno Construction Company	8884 Jurupa Road, Jurupa Valley, CA 92509	Sid Fontenot	619-278-8824 x100	mail@ohnoconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-12 (Earthwork and Paving Contractors), C-27 (Landscaping Contractor), C-61 (Limited Specialty)	\$19,500,000	07/15/2026
Oppenheimer National	31878 Del Obispo St, Ste 118510, San Juan Capistrano, CA, 92675	Rusty Hadjilou	949-264-2640	bid@oppnat.com	B (General Building Contractor), A (General Engineering Contractor)	\$500,000	09/28/2026
Pacific West Industries, Inc. dba Pacific West Air Conditioning	1912 W Business Center Drive, Orange, CA 92867	Teresa Moulton	866-328-2129	teresa.m@pacwestac.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-10 (Electrical Contractor)	\$1,500,000	03/27/2026
PacificWest Energy Solutions, Inc.	9250 Reseda Blvd #500, Northridge, CA 91324	Haeil Kim	800-310-9080	pwcontracts@energysystemsgroup.com	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), A (General Engineering Contractor)	\$100,000,000	01/12/2027
Painting & Decor, Inc.	1210 N Jefferson St, Ste K, Anaheim, CA, 92807	John Buchner	949-888-2565	bidding@paintinganddecor.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	\$3,000,000	01/13/2027
Pathway Communications LTD	12740 Danielson Court, Suite E, Poway, CA, 92064	Becky Thurmon	858-324-1036	beckyt@pcomus.com	C-7 (Low Voltage Systems Contractor)	\$1,600,000	03/20/2026
Paul C Miller Construction Co., Inc. dba Miller Construction	8447 MAPLE PLACE, Rancho Cucamonga, CA, 91730	Todd Miller	909-484-1009	todd@millercon.com	B (General Building Contractor)	\$89,000,000	09/26/2026
PCN3,INC	10591 HUMBOLT STREET UNIT A, LOS ALAMITOS, CA 90720	Brian Abghari	562-493-4124 x402	estimating@pcn3.com	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-51 (Structural Steel Contractor)	\$30,250,000	09/18/2026

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Penn Air Control Inc	5941 LAKESHORE DR, CYPRESS, CA, 90630	Marissa Ramirez	714-220-9091	marissa@pennairgroup.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$450,000	09/28/2026
Piana Construction and Painting Inc	16352 Barneston Street, Granada Hills, CA, 91344	Joseph Papadopoulos	818-488-1740	pianaconstruction@sbcglobal.net	C-33 (Painting and Decorating Contractor), B (General Building Contractor)	\$850,000	12/05/2026
Pierre Landscape, Inc.	5455 2nd Street, Irwindale, CA, 91706	Monty Khouri	626-587-2121	bids@pierrelandscape.com	A (General Engineering Contractor), C-27 (Landscaping Contractor)	\$10,000,000	03/02/2027
Pinner Construction Co., Inc.	1255 S. Lewis Street, Anaheim, CA, 92805	Justin Davis	714-490-4000	justind@pinnerconstruction.com	A (General Engineering Contractor), B (General Building Contractor)	\$64,000,000	03/27/2026
Platinum Construction, Inc.	10581 Chestnut Ave. , Stanton, CA, 90680	Natalie Walker	714-527-0700	nwalker@platconinc.com	C-9 (Drywall Contractor), C-35 (Lathing and Plastering Contractor), B (General Building Contractor), C-36 (Plumbing Contractor)	\$1,400,000	11/25/2026
Plyco Corp.	4055 Riverview Dr., Jurupa Valley, CA 92509	Hector Valencia	951-727-8200	plyco@plycocorp.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor)	\$35,000,000	03/31/2026
PMK Professional Inc.	17925 Sky Park Circle, Suite C, Irvine, CA, 92614	Maziyar Farhadi	949-679-9800	bids@pmkpro.com	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	\$1,000,000	09/17/2026
PRECISION AIR BALANCING COMPANY	1240 N. Jefferson St, Ste H, Anaheim, CA, 92807	Karen Fox	714-630-3796	kfox@precisionairbalance.com	C-61 (Limited Specialty), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$3,900,000	04/14/2026
Preferred Ceilings, Inc.	475 CAPRICORN STREET, Brea, CA 92821	Erica Staiger	714-255-9336	erica@preferredceilings.com	C-2 (Insulation and Acoustical Contractor), B (General Building Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor), C-61 (Limited Specialty)	\$4,000,000	07/03/2026
Pro-Craft Construction, Inc.	500 Iowa Street, Redlands, CA, 92373	Travis Burton	909-790-5222	estimating@procraftci.com	A (General Engineering Contractor), B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-16 (Fire Protection Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor), C-42 (Sanitation System Contractor)	\$20,000,000	02/19/2027
ProWest PCM, Inc., dba ProWest Constructors	22710 Palomar Street, Wildomar, CA, 92595	Stephanie Ridlon	951-678-1038	sridlon@prowestconstructors.com	A (General Engineering Contractor), B (General Building Contractor), HAZ (Hazardous Substance Removal Certification)	\$146,000,000	12/04/2026
R. JENSEN CO., INC.	538 Sixth St. Norco, CA 92860	TRAVIS JENSEN	951-479-5471	EllyRJC@gmail.com	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	\$1,900,000	02/19/2027

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
R.E. Schultz Construction Inc.	1767 N. Batavia St., Orange, CA, 92865	Nicole Roth	714-649-2627	nicole@reschultzconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-61 (Limited Specialty)	\$3,000,000	02/10/2027
R.I.S. ELECTRICAL CONTRACTORS, INC.	7330 Sycamore Canyon Blvd, Ste 1, Riverside, CA, 92508	DEANNA MARIOLLE	951-653-2611	deannam@riselec.com	C-10 (Electrical Contractor), B (General Building Contractor), C-31 (Construction Zone Traffic Control Contractor)	\$7,800,000	12/02/2026
Radonich Corp DBA Cal Coast Telecom	886 Faulstich Court, San Jose, CA, 95112	Marie Pernick	408-275-8888 x212	marie@cctcom.net	C-7 (Low Voltage Systems Contractor)	\$9,600,000	01/13/2027
RAN ENTERPRISES INC	17612 Sampson Lane, HUNTINGTON BEACH, CA, 92647	THIERRY ABINADER	714-842-8688	thierry@ranent.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$3,000,000	03/27/2026
Rancho Pacific Electric Construction, Inc.	9063 SANTA ANITA AVE., RANCHO CUCAMONGA, CA, 91730	Adriana Vasquez	909-476-1022	Avasquez@rpeinc.net	B (General Building Contractor), C-10 (Electrical Contractor)	\$20,000,000	03/24/2026
RDM Electric Co., Inc.	4260 E. Brickell Street, Ontario, CA. 91761	Maria De Leon	909-591-0990	m.deleon@rdmcompanies.com	C-10 (Electrical Contractor)	\$28,000,000	03/20/2026
Risher Sutherland, Inc. dba United Contractors	334 West Oak Street, San Bernardino, CA, 92401	Jon Christiansen	909-388-7400	jon.christiansen20@gmail.com	C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), C-51 (Structural Steel Contractor)	\$3,700,000	07/03/2026
Rite-Way Roof Corporation	15425 Arrow Route, Fontana, CA, 92335	Lisa Mora	909-350-8490	lisa@ritewayroofing.com	B (General Building Contractor), C-10 (Electrical Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	\$4,000,000	05/14/2026
Rivera Equipment dba Valley Industrial Mechanical	PO Box 3457, Victorville, CA, 92393	Raymond Rivera	760-646-7974	cortney@revim.co	C-36 (Plumbing Contractor)	\$7,500,000	07/17/2026
RLH FIRE PROTECTION, INC.	5005 Business Park North, Ste. 200	Eric Fambrough	661-751-6361	efambrough@rlhfp.com	C-16 (Fire Protection Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor)	\$10,000,000	02/20/2027
RND Contractors Inc	14796 Jurupa Ave #A, Fontana, CA, 92337	Jesse Dunn	909-429-8500 x116	nsauter@rmdcontractorsinc.com	A (General Engineering Contractor), C-51 (Structural Steel Contractor)	\$6,300,000	09/28/2026
Roadway Engineering & Construction Corp	3121 Indian Ave. Perris, CA 92571-3208	Eric Alvarez	951-940-0045	admin@roadwayengineering.com	A (General Engineering Contractor), B (General Building Contractor)	\$7,600,000	12/04/2026
Robert Clapper Construction Services Inc dba R.C. Construction Services Inc	700 New York Street, Redlands, CA, 92374	Brooke Wollam	909-829-3688 x251	bids@rcconstruction.com	B (General Building Contractor), C-8 (Concrete Contractor)	\$19,000,000	04/10/2026
Rocky Coast Builders, Inc.	135 S. Market Place	Christopher Madsen	760-489-7770	cmadsen@rcbcorp.com	C-8 (Concrete Contractor), A (General Engineering Contractor), B (General Building Contractor), C-5 (Framing and Rough Carpentry Contractor)	\$11,600,000	12/08/2026

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RT CONTRACTOR CORP.	11531 Salinaz Ave., Garden Grove, CA 92843	RICHIE TRAN	714-530-9900	rtcontractor1@gmail.com	B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), A (General Engineering Contractor)	\$3,500,000	09/30/2026
RTS Solutionz, Inc. dba Solutionz Low Voltage Systems	16751 Knott Avenue, La Mirada, CA 90638	Ryan Marrs	310-571-1207 x1235	rmarrs@solutionzinc.com	C-7 (Low Voltage Systems Contractor)	\$10,000,000	01/13/2027
Russell Sigler Inc.	205 South Puente St., Brea, CA, 92821	Jeffrey Myers	714-421-2455	jmyers@siglers.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$5,000,000	05/14/2026
RVH CONSTRUCTORS INC.	1571 Parkway Loop, Suite B, Tustin, CA, 92780	BLAKE VAN HENBERGEN	657-231-6230	rick@rvhconstructors.com	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-61 (Limited Specialty)	\$12,700,000	04/08/2026
RYAN ELECTRIC INC	1340 WEST PRINCETON ST, ONTARIO, CA, 91762	MATTHEW R RYAN	909-465-0434	ryanelectricinc@verizon.net	C-10 (Electrical Contractor)	\$5,300,000	12/04/2026
S+B James Construction California, Inc.	3685 Main Street, Suite 240, Riverside, CA 92501	Silas Nigam	951-479-3633	silasnigam@sbjames.com	B (General Building Contractor)	\$49,000,000	09/18/2026
Safeway Building Systems, Inc. dba Safeway Electric	3133 Mission Inn Avenue, Riverside, CA, 92507	Michelle Martinez	909-824-6075 x103	mmartinez@safewaybsi.com	C-10 (Electrical Contractor), C-46 (Solar Contractor), C-7 (Low Voltage Systems Contractor), B (General Building Contractor)	\$4,000,000	03/10/2026
Sanchez Enterprises, Inc. DBA Sanchez Electric	13615 12th Street Unit B , Chino, CA, 91710	Sergio Sanchez	909-548-3188	sergio@sanchezelectric.com	C-10 (Electrical Contractor)	\$1,000,000	12/08/2026
SCW Contracting Corp	2525 N Old Hwy 395, Fallbrook, CA, 92028	Frances Johnsen	760-728-1308	fjohnsen@scwcompanies.com	A (General Engineering Contractor), C-51 (Structural Steel Contractor), C-60 (Welding Contractor)	\$7,700,000	12/04/2026
Sharp Industries LLC dba Sharp Electrical Services	3361 Chicago Ave, Riverside, CA, 92507	Benjamin Sharp	951-323-3677	rachel@sharpbuilds.com	B (General Building Contractor), C-10 (Electrical Contractor), C-39 (Roofing Contractor), C-47 (Manufactured Housing Contractor)	\$750,000	03/20/2026
Silver Creek Modular LLC.	2830 Barrett Ave., Perris, CA, 92571	Mayra Corona	951-943-5393	sales@silvercreekmodular.com	B (General Building Contractor)	\$25,000,000	09/28/2026
Simco Mechanical, Inc.	3795 La Crescenta Ave, #102, Glendale, CA 91208	Cesar Rossignoli	818-957-4994	pq@simcomechanical.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-36 (Plumbing Contractor)	\$7,500,000	02/19/2027
SJD&B, Inc.	20451 Valley Blvd., Walnut, CA, 91789	Simon Jeon	909-481-0001	info@sjdandb.com	B (General Building Contractor), A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors), C-39 (Roofing Contractor), HAZ (Hazardous Substance Removal Certification)	\$4,400,000	03/10/2026

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SOLPAC Construction, Inc. dba Soltek Pacific Construction Company	2424 Congress Street, San Diego, CA, 92110	Kevin M. Cammall, Vice President Business Development	619-296-6247	marketing@soltekpacific.com	A (General Engineering Contractor), B (General Building Contractor)	\$46,000,000	11/25/2026
Southern California Grading, Inc.	16291 Construction Circle East, Irvine, CA, 92606	Robin Royce	949-247-0101	robinr@socalgrading.com	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors)	\$7,800,000	09/28/2026
Southern California West Coast Electric, Inc.	200 S. 8th Street, Building 1., Banning, CA 92220	Kathy Figueroa	951-396-7311	kathy@scwce.com	C-10 (Electrical Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor)	\$15,000,000	03/02/2027
Spec Construction Co., Inc.	115 W. Main St., Ontario, CA 91762	Chaz DeLaFosse	909-947-4601	info@specconstructionco.com	B (General Building Contractor), C-8 (Concrete Contractor), C-17 (Glazing Contractor), C-33 (Painting and Decorating Contractor), C-15 (Flooring and Floor Covering Contractors), A (General Engineering Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-39 (Roofing Contractor), C-9 (Drywall Contractor), C-35 (Lathing and Plastering Contractor)	\$13,900,000	02/10/2027
Suttles Plumbing & Mechanical Corp.	2267 Agate Ct., Simi Valley, CA, 93065	Stephanie Aguilar	818-718-9779	bid@suttlesplumbing.com	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor), C-42 (Sanitation System Contractor), C-61 (Limited Specialty), C-16 (Fire Protection Contractor)	\$10,200,000	03/02/2027
SWCS, Inc., dba Southwest Construction Services Inc.	11653 Riverside Drive, Ste.153, Lakeside, CA, 92040	Dan Smith	619-258-9944	dan@swcs-inc.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty), C-9 (Drywall Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor)	\$6,500,000	03/20/2026
T. Lindsay, Inc. dba Performance Electric	1680 S. E St. San Bernardino CA 92408	feliciana aguilar	760-961-2132	feliciana@perf-elec.com.com	C-10 (Electrical Contractor)	\$3,000,000	07/03/2026
T.E. Roberts, inc.	17771 Mitchell North, Irvine, CA, 92614	Timothy Roberts	714-669-0072	estimating@teroberts.com	A (General Engineering Contractor), C-34 (Pipeline Contractor)	\$12,500,000	09/17/2026
The Mike Cox Electric, Inc.	160 N. Rancho Avenue, San Bernardino, CA, 92410	Amber Cox	909-889-7992	amber@coxelect.com	C-10 (Electrical Contractor)	\$7,100,000	12/08/2026

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
The Nazerian Group	17514 Ventura Blvd 204, Encino, CA, 91316	Greg Torosyan	818-990-5115	greg@nazerian.net	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-13 (Fencing Contractor), C-15 (Flooring and Floor Covering Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	\$35,750,000	09/18/2026
Thermalair, Inc.	1140 N. Red Gum Street, Anaheim, CA, 92806	Theresa Bransky	714-630-3200 x101	theresa.bransky@thermalair.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-38 (Refrigeration Contractor)	\$2,000,000	07/07/2026
Thompson Systems LLC	2205 Fleetwood Drive, Jurupa Valley, CA, 92509	Kristine Clifford	951-784-7270 x122	kclifford@thompsons.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	\$3,000,000	07/03/2026
Tilden-Coil Constructors, Inc.	3612 Mission Inn Ave, Riverside, CA, 92501	Tommy Palmieri	951-684-5901	tpalmieri@tilden-coil.com	A (General Engineering Contractor), B (General Building Contractor)	\$117,000,000	09/26/2026
Time and Alarm Systems	3828 Wacker Dr. Mira Loma CA 91752	Kaytlin Vieyra	951-685-1761	ProjectAdmin-TAS@sciensbuildingsolutions.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	\$10,000,000	03/20/2026
Tomahawk Builders, Inc.	14060 Meridian Parkway, Riverside, CA, 92518	John Sommers	951-656-1069	tomahawkbldrs@aol.com	C-5 (Framing and Rough Carpentry Contractor), B (General Building Contractor)	\$5,500,000	04/04/2026
Tri Power Electrical Contractors INC	1656 W. 9th St Suite E Upland CA 91786	Ray Blanchard	909-931-2711	ray@tripowerelectric.com	C-10 (Electrical Contractor)	\$2,000,000	02/19/2027
TRUELINE CONSTRUCTION & SURFACING INC dba trueline	12397 Doherty Street, Riverside, CA 92503	ED KRUSE	951-817-0777	trueline40@gmail.com	A (General Engineering Contractor), C-32 (Parking and Highway Improvement Contractor), ASB (Asbestos Certification)	\$1,000,000	07/03/2026
Ultimate Pool Remodeling Inc dba Ultimate Construction	20459 Camino De Gloria, Riverside, CA, 92508	Daniel McCullah	951-686-1330	daniel@ultimatepoolremodeling.com	B (General Building Contractor), C-53 (Swimming Pool Contractor)	\$1,750,000	09/26/2026
Universal Asphalt Co. Inc.	10610 S. Painter Ave, Santa Fe Springs, CA, 90670	Thomas Houck	562-941-0201	tomhouck@universalasphalt.com	C-12 (Earthwork and Paving Contractors), A (General Engineering Contractor), C-32 (Parking and Highway Improvement Contractor)	\$5,000,000	09/26/2026
UNLIMITED ENVIRONMENTAL INC	9945 Pioneer Blvd, Santa Fe Springs, CA 90670	Jill Dupleich	562-577-0861	info@ueiteam.com	B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	\$650,000	09/28/2026

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Valley Pipeline Services, Inc	73161 Fred Waring Dr., Suite 200	Steve Vatter	760-610-5338	steve@valleypipeline.com	A (General Engineering Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor)	\$6,000,000	12/05/2026
Venture Construction & Management	1435 Pera Street, Corona, CA, 92882	Bobby Ragasa	310-570-0878	bobby.r.vcm@gmail.com	A (General Engineering Contractor), B (General Building Contractor)	\$3,500,000	09/26/2026
Verne's Plumbing, Inc.	8561 Whitaker St, Buena Park, CA, 90621	Lawrence J. Verne	714-994-1971	larry@vernesplumbing.com	B (General Building Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor)	\$8,000,000	12/04/2026
VLA Construction Inc	22815 Ventura Blvd. #157, Woodland Hills, CA, 91364	Veronique Loizu	818-225-1800	vlainc@hotmail.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	\$1,600,000	03/27/2026
W S KLEM CONTRACTOR INCORPORATED	5405 E LA PALMA AVE, ANAHEIM, CA 92807	Phi Tran	310-414-0455 x2	phi@wsklem.com	B (General Building Contractor), C-5 (Framing and Rough Carpentry Contractor)	\$3,750,000	04/07/2026
W.D. GOTT CONSTRUCTION CO.	W.D. GOTT CONSTRUCTION CO, 1656 W 9TH STREET, UPLAND, CA, 91786	Connie Gott	909-982-8951	connie@wdgottconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor)	\$13,400,000	02/23/2027
Wakeland Electric, Inc.	12803 Temescal Canyon Rd, Unit, Corona, CA, 92883	Chandra Wakeland	951-399-0987	bids@wakelandelectric.com	C-10 (Electrical Contractor)	\$300,000	09/28/2026
Western Pacific Roofing Corp.	2229 E. Avenue Q, Palmdale, CA, 93550	Kimberley Jones	661-273-1336	kim@westpacroof.com	B (General Building Contractor), C-39 (Roofing Contractor)	\$5,700,000	09/26/2026
Westland Mechanical, LLC	12223 Highland Avenue #106-569, RANCHO CUCAMONGA, CA, 91739	travis lee	909-732-8027	travis@westlandmechanical.net	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$20,000,000	03/27/2026