

NOTICE TO CONTRACTORS BIDDING THIS PROJECT

The bidder is advised that there have been changes made to the plans and specifications for the following project:

Project Title: Building and Site Improvements at 6741 Downing Avenue, Bakersfield, CA

Contract No: 26016

Bid Opening Date: August 19, 2026

ADDENDUM No. 5

1. CHANGES TO SPECIFICATIONS

- a. Subsection B of Section “2.3 Concrete Masonry Units” on page 04 2200 - 3 of the Technical Specifications has been revised. The revised Subsection B of Section “2.3 Concrete Masonry Units” is attached to this Addendum on page 7. The Subsection has been revised to note units shall be medium weight.
- b. Subsection B of Section “2.3 Aluminum-Framed Entrances and Storefront Systems” on page 08 4113 - 2 of the Technical Specifications has been revised. The revised Subsection B of Section “2.3 Aluminum-Framed Entrances and Storefront Systems” is attached to this Addendum on page 8. The Subsection has been revised to clarify a dark bronze finish and center glazing plane on storefront systems.
- c. Subsection B of Section “3.5 Interior Painting Schedule” on page 09 9123 - 5 of the Technical Specifications have been removed. The revised Section “3.5 Interior Painting Schedule” is attached to this Addendum on page 9. The Subsection has been removed to clarify the scope of work for interior painting.
- d. Section “09 9726 – Cementitious Coatings” have been removed. All information for concrete floor sealer can be found on sheets A811B and A812B.
- e. Section “2.3 Knocked-Down Corridor Lockers” on pages 10 5113 - 2 to 10 5113 – 4 of the Technical Specifications has been revised. The revised Section “2.3 Knocked-Down Corridor Lockers” is attached to this Addendum on page 10-11. The Subsection has been revised to remove available manufacturers located outside of the United States to conform to the “Buy America” requirement and remove the requirement to provide coat hooks.
- f. Section “10 5613 – Metal Storage Shelving” has been added to the Technical Specifications. The added Section “10 5613 – Metal Storage Shelving” is attached to this Addendum on pages 12-15. The section has been added to include information for pallet racks located in the warehouse.
- g. Subsection B of Section “1.6 Payment Procedures” on page 11 1136 - 2 of the Technical Specifications has been revised. The revised Subsection B of Section “1.6 Payment Procedures” is attached to this Addendum of page 16. The section has been revised to update the name of Bid Item No. 27 from “EV Pedestal with Receptacles” to “EV Capable Parking Stalls”.
- h. Section “1.29 Payment Procedures” has been added to page 26 0000 - 9 of the Technical Specifications. The added Section “1.29 Payment Procedures” is attached to this Addendum of page 17. The section has been added to include the payment procedures for pole mounted site lighting included in the scope of work.
- i. Item #5 under Subsection C of Section “2.2 Conduit” on page 26 0000 – 11 of the Technical Specifications has been added. The added Item #5 under Subsection C of Section “2.2 Conduit” is attached to this Addendum on page 18. The item has been added to clarify conduit sizes for data drops.

- j. Subsection N of Section “2.3 Outlet, Junction, and Pull Boxes” on page 26 0000 - 12 of the Technical Specifications has been added. The added Subsection N of Section “2.3 Outlet, Junction, and Pull Boxes” is attached to this Addendum on page 19. The Subsection has been added to clarify termination of conduits at EV capable parking stalls.
- k. Subsection H of Section “3.2 Installation of Wire and Cable” on page 26 0000 - 22 of the Technical Specifications has been revised. Subsection I of Section “3.2 Installation of Wire and Cable” on page 26 0000 - 22 of the Technical Specifications has been added. The revised Section “3.2 Installation of Wire and Cable” is attached to this Addendum on page 20. The Subsection has been added to clarify use of MC cabling.
- l. Subsection C of Section “1.5 Payment Procedures” on page 31 1000 - 2 of the Technical Specifications has been removed. The revised Section “1.5 Payment Procedures” is attached to this Addendum on page 21. The Subsection has been removed due to the removal of “undeveloped area” from the bid item list.
- m. Subsections C and E of Section “1.4 Payment Procedures” on page 31 2000 - 2 of the Technical Specifications have been removed. The revised Section “1.4 Payment Procedures” is attached to this Addendum on page 22. The Subsections have been removed due to the removal of “undeveloped area” from the bid item list.
- n. Subsections A and B of Section “1.6 Payment Procedures” on page 32 1313 - 2 of the Technical Specifications has been revised. Subsections D and E of Section “1.6 Payment Procedures” on page 32 1313 - 2 of the Technical Specifications have been added. The revised and added Subsections of Section “1.6 Payment Procedures” are attached to this Addendum of page 23. Subsections A and B have been revised to clarify the name of Bid List Item No. 11. Subsections D and E have been added to include the payment procedure for the mow curbs and gate track concrete included in the scope of work.
- o. Section “1.4 Payment Procedures” has been added to page 32 1723 -1 of the Technical Specifications. The added Section “1.4 Payment Procedures” is attached to this Addendum on page 24. The section has been added to include the payment procedure for the pavement markings located in the street improvements and on-site.
- p. Section “1.4 Payment Procedures” has been added to page 32 3113 – 1 of the Technical Specifications. The added Section “1.4 Payment Procedures” is attached to this Addendum on page 25. The section has been added to include the payment procedure for the retention basin chain link fencing included in the scope of work.
- q. Section “2.5 Chain-Link Swing Gates” has been added to page 32 3113 – 3 of the Technical Specifications. The added Section “2.5 Chain-Link Swing Gates” is attached to this Addendum on page 26. The section has been added to provide additional information for chain-link swinging gates.
- r. Section “3.4 Installation of Gates” has been added to page 32 3113 – 6 of the Technical Specifications. The added Section “3.4 Installation of Gates” is attached to this Addendum on page 27. The section has been added to provide additional information for chain-link swinging gates.
- s. Subsection D of Section “2.1 Decorative Steel Fences” on page 32 3119 - 2 of the Technical Specifications has been revised. The revised Subsection D of Section “2.1 Decorative Steel Fences” is attached to this Addendum on page 28. The Subsection has been revised to modify the rail sizing of the decorative steel fences.
- t. Item #3 of Subsection C of Section “3.3 Installation of Decorative Fences” on page 32 3119 - 7 of the Technical Specifications has been revised. The revised item #3 of Subsection C of Section “3.3 Installation of Decorative Fences” is attached to this Addendum on page 29. The Subsection has been revised to modify the post spacing for the decorative metal fences.
- u. Subsection C of Section “1.4 Payment Procedures” on page 32 3300 – 1 has been added. The added Subsection C of Section “1.4 Payment Procedures” is attached to this Addendum on page 30. The subsection has been added to include the payment procedures for accessible parking signage included in the scope of work.

- v. Schedule of Bid Prices on pages 96 to 98 of the Special Provisions has been revised. The revised Schedule of Bid Prices is attached to this Addendum on pages 31-33. The section has been updated to revise the estimated quantities for Bid List Items No. 6 and No. 7. Bid List Item No. 10 has been revised from “Minor Concrete (Curb and Gutter)” to “Street Improvements”. Bid List Item No. 11 has been revised from “Minor Concrete (Sidewalk)” to “Minor Concrete”. Bid List Item No. 15 has been revised from “Solar Street Light” to “Pole-Mounted Site Lighting”. Bid List Item No. 22 has been revised from “Undeveloped Area” to “Painted Stall Lines and Pavement Markings”. Bid List Item No. 27 has been revised from “EV Pedestal with Receptacles” to “EV Capable Parking Stalls”. Bid List Item No. 32 – Accessible Parking Signage has been added.

2. CHANGES TO PLANS

- a. Sheet ST02 has been replaced with sheet ST02A. Storm line connection information has been added. New manhole location has been added. The revised sheet is attached to this addendum.
- b. Sheet T103 has been replaced with sheet T103A. International symbol of accessibility display signage locations have been added. The revised sheet is attached to this addendum.
- c. Sheet C2 has been replaced with sheet C2A. Detail references have been corrected. Pole-mounted site lighting locations have been updated. Storm drain information has been revised. The revised sheet is attached to this addendum.
- d. Sheet C3 has been replaced with sheet C3A. Detail references have been corrected. Storm drain notes have been revised.
- e. Sheet C4 has been replaced with sheet C4A. Section 'A' has been updated to match structural plans. The revised sheet is attached to this addendum.
- f. Sheet C5 has been replaced with sheet C5A. Detail references have been corrected. Storm drain information has been revised. A fire water line routed to the parking garage has been added. The revised sheet is attached to this addendum.
- g. Sheet A100A has been replaced with sheet A100B. The C-channel skids have been removed from the scope of work. Bins shall be placed directly on the concrete. Additional information for the in-ground scale has been added. Additional information for items listed to be "by others" and "by owner" has been provided. EV charger specifications have been added. Pole-mounted site lighting locations have been updated. Bike rack information has been added. Hardware for exterior gate has been provided on keynote #18. Detail callouts on keynotes #19 and #43 have been corrected. The revised sheet is attached to this addendum.
- h. Sheets A211A and A212A have been replaced with sheets A211B and A212B. Keynote #26 has been clarified. Items shown as "by owner" and "by others" have been clarified to be provided and installed by the contractor. Storefront finish has been updated. Fire extinguisher specification and locations have been added. Storage shelving information has been added. Bollard information has been added. The revised sheet is attached to this addendum.
- i. Sheet A214A has been replaced with sheet A214B. 5-panel doors have been revised to flush wood doors. Hardware sets have been revised. Window frame types and glazing have been revised. The revised sheet is attached to this addendum.
- j. Sheets A311 and A312 have been replaced with sheets A311A and A312A. Ceilings fans have been clarified to be provided and installed by the contractor. The revised sheet is attached to this addendum.
- k. Sheet A700 has been replaced with sheet A700A. Explosion relief panel information has been added. Color of exterior metal wall panel system has been revised. The revised sheet is attached to this addendum.
- l. Sheets A811A and A812A have been replaced with sheets A811B and A812B. Window covering information has been added. Wall tile sizes have been added. Concrete sealer information has been added. The revised sheet is attached to this addendum.
- m. Sheet AD1A has been replaced with sheet AD1B. Details 21/AD1 and 22/AD1 have been added to the revised sheet. Detail callout on detail 14/AD1 has been corrected. The revised sheet is attached to this addendum.
- n. Sheet AD2 has been replaced with sheet AD2A. Detail 28/AD2A has been provided to clarify bike rack requirements. The revised sheet is attached to this addendum.
- o. Sheet S3.1 has been replaced with sheet S3.1A. Details have been updated. The revised sheet is attached to this addendum.
- p. Sheet P211 has been replaced with P211A. The water meter located outside Electrical 119 has been removed from the scope of work. The revised sheet is attached to this addendum.

- q. Sheet E002 has been replaced with sheet E002A. Additional light fixtures have been added to light fixture schedule. The revised sheet is attached to this addendum.
- r. Sheet E101 has been replaced with sheet E101A. Additional site lighting fixture location has been added. The revised sheet is attached to this addendum.
- s. Sheet E102 has been replaced with sheet E102A. Additional site lighting fixture location has been added. The revised sheet is attached to this addendum.
- t. Sheets E211 and E212 have been replaced with sheets E211A and E212A. Installation height of exterior GFCI outlets has been added. The revised sheet is attached to this addendum.
- u. Sheets E311 and E312 have been replaced with sheets E311A and E312A. Emergency light fixture tags have been added. The revised sheet is attached to this addendum.
- v. Sheet LC.01 has been replaced with sheet LC.01A. Additional information for decomposed granite has been added. The revised sheet is attached to this addendum.
- w. Sheet LI.00 has been replaced with sheet LI.00A. Irrigation controller location has been clarified. Irrigation sleeving information has been updated. The revised sheet is attached to this addendum.
- x. Sheet LI.01 has been replaced with sheet LI.01A. Irrigation controller location has been clarified. Irrigation sleeving information has been updated. The revised sheet is attached to this addendum.
- y. Sheet LD.01 has been replaced with sheet LD.01A. Detail F/LD.01 has been updated. The revised sheet is attached to this addendum.
- z. Sheet LD.02 has been replaced with sheet LD.02A. Detail J/LD.02 has been updated. The revised sheet is attached to this addendum.
- aa. Sheet T100 has been replaced with sheet T100A. Automatic fire sprinkler system has been added to list of deferred submittals. The revised sheet is attached to this addendum.
- bb. Sheet T110 has been replaced with Sheet T110A. Column locations have been removed. Roof shall be supported by exterior CMU walls. The revised sheet is attached to this addendum.
- cc. Sheet A210 has been replaced with Sheet A210A. Door hardware has been provided. Column locations have been removed. Roof shall be supported by exterior CMU walls. The revised sheet is attached to this addendum.
- dd. Sheet A310 has been replaced with Sheet A310A. Column locations have been removed. Roof shall be supported by exterior CMU walls. The revised sheet is attached to this addendum.
- ee. Sheet A400 has been replaced with Sheet A400A. Column locations have been removed. Roof shall be supported by exterior CMU walls. The revised sheet is attached to this addendum.
- ff. Sheet A500 has been replaced with Sheet A500A. Column locations have been removed. Roof shall be supported by exterior CMU walls. The revised sheet is attached to this addendum.
- gg. Sheet A910 has been replaced with Sheet A910A. Column locations have been removed. Roof shall be supported by exterior CMU walls. The revised sheet is attached to this addendum.



Joshua R. Champlin, Director
Public Works Department

Please sign one copy of this addendum and include it with your bid to the Public Works Department as provided in the Notice to Contractors. Failure to submit, with your bid, a signed copy of each and every addendum for a project will be grounds for finding the bid unresponsive.

Contractor

Signature

Date

2.3 CONCRETE MASONRY UNITS

- A. General: Provide shapes indicated and as follows, with exposed surfaces matching exposed faces of adjacent units unless otherwise indicated.
 - 1. Provide special shapes for lintels, corners, jambs, sashes, movement joints, headers, bonding, and other special conditions.
 - 2. Provide square-edged units for outside corners unless otherwise indicated.
- B. CMUs: ASTM C90, medium weight.
 - 1. Size (Width): Manufactured to dimensions 3/8 inch less-than-nominal dimensions.
 - 2. Exposed Faces: Provide color and texture matching the range represented by Architect's sample.

2.3 ALUMINUM-FRAMED ENTRANCES AND STOREFRONT SYSTEMS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work, include, but are not limited to, the following:
 - 1. Kawneer Company, LLC
- B. Framing Members: Manufacturer's extruded- or formed-aluminum framing members of thickness required and reinforced as required to support imposed loads.
 - 1. Exterior Framing Construction: Nonthermal.
 - 2. Glazing System: Retained mechanically with gaskets on four sides.
 - 3. Glazing Plane: Center.
 - 4. Finish: Dark bronze finish.
 - 5. Fabrication Method: Field-fabricated stick system.
 - 6. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.
 - 7. Steel Reinforcement: As required by manufacturer.
- C. Backer Plates: Manufacturer's standard, continuous backer plates for framing members, if not integral, where framing abuts adjacent construction.
- D. Brackets and Reinforcements: Manufacturer's standard glazed entrance doors for manual-swing or automatic operation.
 - 1. Door Construction: 1-3/4-inch overall thickness, with minimum 0.125-inch- thick, extruded-aluminum tubular rail and stile members. Mechanically fasten corners with reinforcing brackets that are deeply penetrated and fillet welded or that incorporate concealed tie rods.
 - 2. Door Design: Medium stile; 3-1/2-inch nominal width.
 - 3. Glazing Stops and Gaskets: Beveled, snap-on, extruded-aluminum stops and preformed gaskets.
 - 4. Finish: Match adjacent storefront framing finish.

3.5 INTERIOR PAINTING SCHEDULE

A. Finish Carpentry: Doors.

1. Latex over Latex Primer System:
 - a. Prime Coat: Interior latex primer for wood.
 - b. Intermediate Coat: matching topcoat.
 - c. Topcoat: Interior, latex, eggshell.

B. Gypsum Board Substrates:

1. Latex over Latex Sealer System:
 - a. Prime Coat: Interior latex primer sealer.
 - b. Intermediate Coat: Matching topcoat.
 - c. Topcoat: Interior, latex, eggshell.

2.3 KNOCKED-DOWN CORRIDOR LOCKERS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work, include, but are not limited to, the following:
1. Art Metal Products.
 2. List Industries Inc.
 3. Lyon LLC.
 4. Penco Products, Inc.
 5. Republic Storage Systems, LLC.
- B. Doors: One piece; fabricated from 0.060-inch nominal-thickness steel sheet; formed into channel shape with double bend at vertical edges and with right-angle single bend at horizontal edges.
1. Doors less than 12 inches wide may be fabricated from 0.048-inch nominal-thickness steel sheet.
 2. Doors for box lockers less than 15 inches wide may be fabricated from 0.048-inch nominal-thickness steel sheet.
 3. Reinforcement: Manufacturer's standard reinforcing angles, channels, or stiffeners for doors more than 15 inches wide; welded to inner face of doors.
 4. Stiffeners: Manufacturer's standard full-height stiffener fabricated from 0.048-inch nominal-thickness steel sheet; welded to inner face of doors.
 5. Door Style: Vented panel as follows:
 - a. Louvered Vents: No fewer than three louver openings at top and bottom for double-tier lockers.
- C. Body: Assembled by riveting or bolting body components together. Fabricate from unperforated steel sheet with thicknesses as follows:
1. Tops, Bottoms, and Intermediate Dividers: 0.024-inch nominal thickness, with single bend at sides.
 2. Backs and Sides: 0.024-inch nominal thickness, with full-height, double-flanged connections.
 3. Shelves: 0.024-inch nominal thickness, with double bend at front and single bend at sides and back.
- D. Frames: Channel formed; fabricated from 0.060-inch nominal-thickness steel sheet; lapped and factory welded at corners; with top and bottom main frames factory welded into vertical main frames. Form continuous, integral, full-height door strikes on vertical main frames.
1. Cross Frames between Tiers: Channel formed and fabricated from same material as main frames; welded to vertical main frames.
- E. Hinges: Welded to door and attached to door frame with no fewer than two factory-installed rivets per hinge that are completely concealed and tamper resistant when door is closed; fabricated to swing 180 degrees.
1. Hinges: Manufacturer's standard, steel, continuous or knuckle type.
- F. Recessed Door Handle and Latch: Stainless steel cup with integral door pull, recessed so locking device does not protrude beyond door face; pry and vandal resistant.
1. Single-Point Latching: Nonmoving latch hook with steel padlock loop that projects through recessed cup and is finished to match metal locker body.
 - a. Latch Hook: Equip each door with one latch hook, fabricated from 0.105-inch nominal-thickness steel sheet; welded midway up full-height door strike; with resilient silencer.
- G. Locks: Combination padlocks.

- H. Coat Rods: Manufacturer's standard.
- I. Legs: 6 inches high; formed by extending vertical frame members, or fabricated from 0.075-inch nominal-thickness steel sheet; welded to bottom of locker.
 - 1. Closed Front and End Bases: Fabricated from 0.036-inch nominal-thickness steel sheet.
- J. Continuous Sloping Tops: Fabricated from manufacturer's standard thickness, but not less than 0.036-inch nominal-thickness steel sheet.
 - 1. Closures: Vertical -end type.
- K. Materials:
 - 1. Cold-Rolled Steel Sheet: ASTM A1008/A1008M, Commercial Steel (CS), Type B, suitable for exposed applications.
- L. Finish: Baked enamel or powder coat.
 - 1. Color: As selected by Architect from manufacturer's full range.

SECTION 10 5613 – METAL STORAGE SHELVING

PART 1 – GENERAL

1.1 SUMMARY

A. Section includes:

1. Post-and-beam metal storage shelving

1.2 COORDINATION

- A. Coordinate sizes and locations of blocking and backing required for installation of metal storage shelving attached to wall and ceiling assemblies.
- B. Coordinate locations and installation of metal storage shelving that may interfere with ceiling systems including lighting, HVAC, speakers, sprinklers, access panels, electrical switches or outlets, and floor drains.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of specified product.

1. Include rated capacities, construction details, material descriptions, dimensions of individual components and profiles, and finishes for metal storage shelving.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data: For metal storage shelving.

1.5 FIELD CONDITIONS

- A. Environmental Limitations: Do not deliver or install metal storage shelving until spaces are enclosed and weathertight, wet-work in spaces is complete and dry, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at levels intended for building occupants during the remainder of the construction period.

PART 2 – PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Seismic Performance: Metal storage shelving to withstand the effects of earthquake motions determined in accordance with ASCE/SEI 7.

2.2 POST-AND-BEAM METAL STORAGE SHELVING

- A. Post-and-Beam Metal Shelving: Complying with MH 28.2; field-assembled from factory-formed components. Shelves are supported by beams that span between supporting corner posts that allow beam-height adjustment over full height of shelving unit. Provide fixed top and bottom beams, adjustable intermediate beams, and accessories indicated.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Borroughs Corporation
 - b. Edsal Manufacturing Company, Inc.
 - c. EQUIPTO
 - d. Interlake Mecalux
 - e. Lyon LLC

- f. Penco Products, Inc.
 - g. Republic Storage Systems, LLC
 - h. Rousseau Metal Inc
 - i. Schaafer Systems International, Inc.
 - j. Tennsco
 - k. UNICOR, Federal Prison Industries, Inc (FPI)
 - l. Western Pacific Storage Systems
2. Load-Carrying Capacity per Shelf: 1000 lb, uniformly distributed.
 3. Posts: Fabricated from cold-rolled steel; in manufacturer's standard shape; with perforations at 1-1/2 inches o.c. to receive beam-to-post connectors.
 - a. Unit Configuration: Configure shelving units as individual, freestanding assemblies.
 - b. Post Base: Cold-rolled steel floor plate, drilled for floor anchors.
 4. Beams: Fabricated from cold-rolled steel; in manufacturer's standard shape. Provide beam at each side of each shelf, with center supports as required for load-carrying capacity of shelf.
 - a. Beam-to-Post Connectors: Projecting manufacturer's standard at each end that engage posts.
 - 1) Top and Bottom Shelf Beams: Provide with double beam-to-post connectors.
 - 2) Intermediate Shelf Beams: Provide with double beam-to-post connectors.
 - b. Beam Quantity: As required for number of shelves indicated per shelving unit.
 5. Wire Shelves: Welded steel wire; with Manufacturer's standard openings.
 6. Shelf Quantity: Two shelves per shelving unit in addition to top and bottom shelf.
 7. Overall Unit Width: 120 inches, inclusive of two end posts
 8. Overall Unit Depth: 48 inches.
 9. Overall Unit Height: 48 inches.
 10. Accessories:
 - a. Tie Plates: Cold-rolled steel, finished to match posts; designed for joining posts of adjacent shelving units.
 - b. Supports: back-to-back type that bolt to posts; as required for shelving unit stability.
 11. Steel Finish: powder coat.
 - a. Color and Gloss: As indicated by manufacturer's designations.

2.3 ANCHORS

- A. Floor Anchors: Galvanized-steel, post-installed expansion anchors. Provide number per unit recommended by manufacturer unless additional anchors are indicated in calculations.
- B. Wall Anchors: Manufacturer's standard, galvanized-steel anchors designed to secure metal storage shelving to adjacent wall. Provide one per shelving unit for each shelving unit adjacent to a wall unless additional anchors are indicated in calculations.

2.4 FABRICATION

- A. Fabricate metal storage shelving components to provide field-assembled units that are square and rigid, with posts plumb and true and shelves flat and free of dents or distortion. Fabricate connections to form a rigid structure, free of buckling and warping.
 1. Form exposed connections with hairline joints, flush and smooth, using concealed fasteners where possible. Locate joints where least conspicuous.

- 2. Build in straps, plates, brackets, and other reinforcements as needed to support shelf loading.
- 3. Cut, reinforce, drill, and tap metal fabrications to receive hardware, fasteners, and similar items.
- B. Form metal in maximum lengths to minimize joints. Form bent-metal corners to smallest radius possible without causing grain separation or otherwise impairing the Work.
- C. Form edges and corners free of sharp edges or rough areas. Fold back and crimp exposed edges of unsupported sheet metal to form a hem on the concealed side; ease edges of metal plate to radius of approximately 1/32 inch. Shear and punch metals cleanly and accurately. Remove burrs.
- D. Weld corners and seams continuously to develop strength, minimize distortion, and maintain the corrosion resistance of base metals. At exposed locations, finish welds and surfaces smooth and blended so surface is smooth after finishing and contour of welded surface matches that of adjacent surface. Weld before finishing components to greatest extent possible. Remove weld spatter and welding oxides from exposed surfaces before finishing.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Examine floors for suitable conditions where metal storage shelving will be installed.
- C. Examine walls to which metal storage shelving will be attached for properly located blocking, grounds, or other solid backing for attachment of support fasteners.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Vacuum and clean finished floor over which metal storage shelving is to be installed.

3.3 INSTALLATION

- A. Install metal storage shelving level, plumb, square, rigid, true, and with shelves flat and free of dents or distortion. Make connections to form a rigid structure, free of buckling and warping.
 - 1. Install exposed connections with hairline joints, flush and smooth, using concealed fasteners where possible.
 - 2. Install braces, straps, plates, brackets, and other reinforcements as needed to support shelf loading and as required for stability.
 - 3. Adjust post-base bolt leveler to achieve level and plumb installation.
 - 4. Anchor shelving units to floor with floor anchors through floor plate. Shim floor plate to achieve level and plumb installation.
 - 5. Connect side-to-side shelving units together.
 - 6. Install shelves in each shelving unit at equal spacing.
 - a. Post-and-Beam Metal Storage Shelving: install beams with beam-to-post connectors fully engaged in post perforations.

3.4 ERECTION TOLERANCES

- A. Erect post-and-beam metal storage shelving to a maximum tolerance from vertical of 1/4 inch in 84 inches of height.

3.5 ADJUSTING

- A. Adjust metal storage shelving so that connectors and other components engage accurately and securely.
- B. Adjust and lubricate operable components to operate smoothly and easily, without binding or warping. Check and readjust operating hardware.
- C. Touch up marred finishes or replace metal storage shelving that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by metal storage shelving manufacturer.
- D. Replace metal storage shelving components that have been damaged beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 10 5613

1.6 PAYMENT PROCEDURES

- A. The payment quantity of EV dual chargers shown in the Bid Item List will be paid for at the contract unit price per charger installed for Item No. 26 – EV Dual Chargers.
- B. The payment quantity of conduits and traffic boxes needed for EV capable parking stalls shown in the Bid Item List will be paid for at the contract unit price per charger installed for Item No. 27 – EV Capable Parking Stalls.

1.29 PAYMENT PROCEDURES

- A. The payment quantity of pole mounted street lights shown in the Bid Item List will be paid for at the contract unit price as a lump sum for Item No. 15 – Pole-Mounted Site Lighting.

2.2 CONDUITS

A. Rigid Steel Conduit:

1. Rigid steel conduit shall have zinc coated exterior, zinc or enamel interior, standard weight, zinc coated couplings, locknuts and bushings and shall bear the U.L. label. Rigid conduit shall not be installed underground.
2. Use rigid conduit only for exposed exterior conduit runs, wherever subject to physical damage, or where specifically called for on the Drawings or required by a serving utility.
3. Intermediate metallic conduit (I.M.C.) may be used in lieu of rigid steel conduit.

B. Electrical Metallic Tubing:

1. Electrical metallic tubing (E.M.T.) shall bear the U.L. label and shall be zinc coated thinwall conduit with zinc-coated couplings and connections. "Indent" type fittings shall not be used.
2. E.M.T. may be used where rigid, flexible or non-metallic conduit is not required
3. E.M.T. shall be used for interior dry locations. EMT shall be used where no specified conduit type is called for on the Drawings.

C. Flexible Metallic Conduit

1. Flexible metallic conduit shall be galvanized steel and bear the U.L. label. Fittings for flexible conduit shall be squeeze type. Screw-in connectors and other connectors that decrease the interior diameter of the conduit shall not be used unless specifically approved by the Project Manager.
2. Liquid-tight flexible conduit shall bear the U.L. label and be plastic jacketed moisture and oil resistant with oil and vapor tight connectors.
3. Use flexible conduit for final connection to equipment where vibration may injure direct conduit connection. It may be used for indoor dry locations, for fixture whips not to exceed 72 inches and in other locations where structural conditions will not permit the use of EMT not to exceed six feet, only if approved by the Project Manager.
4. Use liquid-tight flexible conduit in lieu of flexible conduit for wet, damp, or outdoor areas or where weatherproof flexible conduit is called for on the Drawings or by code.
5. All data drops located underground or in framed walls shall be 1" conduits.

D. Plastic Conduit

1. Plastic conduit shall be rigid polyvinyl chloride (PVC) Underwriter's approval, Schedule 40. Connections and fittings shall be "outside" type assembled in accordance with the recommended methods of the manufacturer.
2. Underground PVC conduit shall be buried a minimum of 24 inches below grade. Where more than two conduits are installed adjacently underground, use factory made conduit spacers.
3. PVC conduit shall be used for underground conduit runs in lieu of wrapped rigid conduit except as noted otherwise on the Drawings or required by the serving utility.
4. Provide a code size ground conductor in each conduit.
5. Only braided polyethylene or similar pull rope shall be used.

2.3 OUTLET, JUNCTION, AND PULL BOXES

- A. Outlet boxes and junction boxes shall be galvanized one-piece pressed steel, knockout type. The size of each box shall be determined by the number of wires or conduits or size of conduits entering the box, but shall not be less than 4" square and 1 1/2" deep unless otherwise noted. All boxes shall be UL listed.
- B. Minimum box size for data and telephone outlets shall be 4" square and 2-1/8" deep.
- C. Single gang boxes in concrete, for fixture outlets, shall be 4-3/8" octagonal concrete boxes, 2-1/2" deep minimum.
- D. Single gang boxes in concrete, for wiring devices, shall be 3-1/2" deep. 3-3/4" long and 1-7/8" wide.
- E. Single gang outlet boxes installed in concrete or masonry walls shall be a minimum of 3 1/2" deep, 4" long and 2" wide, set flush with the wall and provided with a single gang wall plate.
- F. Install wood blocking for outlet boxes in a rigid, workmanlike manner using new material where wood studs are used. Provide rigid support to avoid twisting of outlet boxes where steel studs are used. Boxes shall be secured such that they are level and plumb.
- G. Locknuts shall be used on both sides of conduit connections to box or panel, in addition to bushing. Where a larger size opening occurs than size of conduit, use reducing washers.
- H. Exposed boxes shall be weatherproof, threaded or hub conduit with gasketed conduit cover suitable for device installed or with blank cover plate when conduit is used as a junction box. Conduit wire fill capacity shall not be exceeded.
- I. Recessed weatherproof outlets or junction boxes shall be equipped with neoprene gasketed covers.
- J. Large size junction or pull boxes shall be fabricated from code gauge sheet steel. Where located indoors, finish shall be gray enamel and covers shall be secured with screws. Where exposed to weather, they shall be weatherproof, NEMA 3R, and rain tight and hot dip galvanized after fabrication; also, they shall have weatherproof gaskets, flat covers and galvanized iron screws. Provide knockouts and/or threaded hubs as required for the conduit used. Boxes in finished areas shall be prime painted.
- K. Any unused, removed knockouts shall be filled with a K.O. cover.
- L. Provide bonding or grounding from metal conduit terminating in junction with concentric KO's.
- M. Install boxes and rings such that finished installation is flush with finished surface.
- N. Provide all conduit designated for future EV-capable infrastructure as on the drawings. Each conduit shall terminate in a traffic-rated pull box installed at the location shown on the plans. Stub conduits into the pull box with bushings installed, and provide pull strings in all empty conduits. Install pull boxes flush with the finished surface and suitable for the imposed traffic loading.

3.2 INSTALLATION OF WIRE AND CABLE

- A. Conductors shall be continuous between outlets or junction boxes and no splices shall be made except in outlet boxes, pullboxes, panelboard gutters or handholes.
- B. Joints, splices and taps No. 10 or smaller (including fixture pigtails) shall be connected with "floating spring" type connectors. No. 8 and larger shall be connected with solderless connectors of 100% electrolytic copper. Split bolt connectors are not acceptable.
- C. Tighten pressure type lugs on panels and equipment, and then retighten 24 hours or more later after energizing. Provide written report of torque values on lugs.
- D. Oil or grease shall not be used when pulling conductors. Use U.L. approved lubrication only.
- E. Lace or train conductors neatly in panels, cabinets and equipment. Use plastic wire ties to route conductors at edge of enclosure away from overcurrent devices.
- F. Branch circuits shall be color coded in compliance with Section 210-5 of the California Electrical Code. Colored tape is not acceptable.
- G. All wiring, both line and low voltage, shall be installed in conduit unless otherwise noted.
- H. MC cabling may be used for lighting circuits only.
- I. Conductors from different panels or from different power sources shall not be installed in the same conduit, junction box, gutter, or raceway.

1.5 PAYMENT PROCEDURES

- A. The payment quantity of earthwork shown in the Bid Item List will be paid for at the contract unit price per cubic yard for Item No. 17 – Loading Dock (Earthwork).
- B. The payment quantity of the retention basin shown in the Bid Item List will be paid for at the contract unit price per cubic yard for Item No. 18 – Retention Basin.
- C. The payment quantity of the septic system shown in the Bid Item List will be paid for at the contract unit price as a lump sum for Item No. 28 – Septic Tank.

1.4 PAYMENT PROCEDURES

- A. The payment quantity of earthwork shown in the Bid Item List will be paid for at the contract unit price per cubic yard for Item No. 17 – Loading Dock (Earthwork).
- B. The payment quantity of the retention basin shown in the Bid Item List will be paid for at the contract unit price per cubic yard for Item No. 18 – Retention Basin.
- C. The payment quantity of the septic system shown in the Bid Item List will be paid for at the contract unit price as a lump sum for Item No. 28 – Septic Tank.

1.6 PAYMENT PROCEDURES

- A. The payment quantity of minor concrete shown in the Bid Item List for curb and gutter will be paid for at the contract unit price per linear foot for Item No. 11 – Minor Concrete.
- B. The payment quantity of minor concrete shown in the Bid Item List for sidewalks will be paid for at the contract unit price per linear foot for Item No. 11 – Minor Concrete.
- C. The payment quantity of the under-sidewalk drain structure shown in the Bid Item List for curb and gutter will be paid for at the contract unit price as a lump sum for Item No. 29 – Construct Warehouse Building and Installing Plumbing.
- D. The payment quantity of minor concrete shown in the Bid Item List for mow curbs will be paid for at the contract unit price per linear foot for Item No. 11 – Minor Concrete.
- E. The payment quantity of minor concrete shown in the Bid Item List for gate track concrete will be paid for at the contract unit price per linear foot for Item No. 11 – Minor Concrete.

1.4 PAYMENT PROCEDURES

- A. The payment quantity of pavement markings in the street improvement plans shown in the Bid Item List will be paid for at the contract unit price as a lump sum for Item No. 10 – Street Improvements.
- B. The payment quantity of on-site pavement markings shown in the Bid Item List will be paid for at the contract unit price as a lump sum for Item No. 22 – Painted Stall Lines and Pavement Markings.

1.4 PAYMENT PROCEDURES

- A. The payment quantity of the retention basin chain link fencing shown in the Bid Item List will be paid for at the contract unit price per linear foot for Item No. 13 – Chain Link Fence (Type CL-6, Slatted).

2.5 CHAIN-LINK SWING GATES

- A. General: ASTM F900 for gate posts and double swing gate types.
 - 1. Gate Leaf Width: 84 inches.
 - 2. Framework Member Sizes and Strength: Based on gate fabric height of more than 72 inches.
- B. Swing Gate Pipe and Tubing:
 - 1. Swing Gate Posts: Round tubular steel.
 - 2. Gate Frames and Bracing: Round tubular steel.
- C. Swing Frame Corner Construction: assembled with corner fittings.
- D. Swing Gate Hardware:
 - 1. Hinges: 180-degree inward swing.
 - 2. Latch: Permitting operation from both sides of gate.

3.4 INSTALLATION OF GATES

- A. Install gates in accordance with manufacturer's written instructions, level, plumb, and secure for full opening without interference. Attach fabric as for fencing. Attach hardware using tamper-resistant or concealed means. Install ground-set items in concrete for anchorage. Adjust hardware for smooth operation.

2.1 DECORATIVE STEEL FENCES

- A. Decorative Steel Fence Assembly: Fences made from steel tubing bars and shapes, hot-dip galvanized.
- B. Posts: Square Steel tubing.
 - 1. Line Posts: 2-1/2 by 2-1/2 inches with 1/8-inch wall thickness.
 - 2. End and Corner Posts: 2-1/2 by 2-1/2 inches with 1/8-inch wall thickness.
 - 3. Swing Gate Posts: 4 by 4 inches with 3/16-inch wall thickness.
 - 4. Horizontal-Slide Gate Post, Openings Wider than 12 Ft. (3.7 m): 4 by 4 inches with 3/16-inch wall thickness.
- C. Post Caps: Formed from steel sheet and hot-dip galvanized after forming.
- D. Rails:
 - 1. Steel Tube Rails: Square steel tubing 1-1/2 by 1-1/2 inches with 1/8-inch wall thickness.
- E. Pickets: 3/4-inch- square steel bars.
 - 1. Picket Placement: Extend pickets beyond top rail as indicated on Drawings and press flat and trim to produce spear point shape.
 - 2. Picket Spacing: 4 inches clear, maximum.
- F. Fasteners: Stainless steel carriage bolts and nuts.
- G. Fabrication:
 - 1. Assemble fences into sections by welding pickets to rails.
 - a. Fabricate sections with clips welded to rails for field fastening to posts.
 - b. Drill posts and clips for fasteners before finishing to maximum extent possible.
- H. Finish exposed welds to comply with NOMMA Guideline 1, Finish #4 – good-quality, uniform undressed weld with minimal splatter.
- I. Galvanizing: For items other than hardware that are indicated to be galvanized, hot-dip galvanize to comply with ASTM A123/A123M. For hardware items, hot-dip galvanize to comply with ASTM A153/A153M.
 - 1. Hot-dip galvanize posts and rails.
 - 2. Hot-dip galvanize rail and picket assemblies after fabrication.
- J. Finish for Metallic-Coated-Steel Items: High-performance coating.

3.3 INSTALLATION OF DECORATIVE FENCES

- A. Install fences in accordance with manufacturer's written instruction.
- B. Install fences by setting posts as indicated on Drawings and fastening rails to posts.
- C. Post Setting: Set posts in concrete at indicated spacing into firm, undisturbed soil.
 - 1. Verify that posts are set plumb, aligned, and at correct height and spacing, and hold in position during setting with concrete or mechanical devices.
 - 2. Posts Set in Concrete: Extend post to within 6 inches of specified excavation depth, but not closer than 3 inches to bottom of concrete.
 - 3. Space posts uniformly at 8 ft. o.c.

1.4 PAYMENT PROCEDURES

- A. The payment quantity of monument signage shown in the Bid Item List will be paid for at the contract unit price per each item furnished for Item No. 23 – Monument Signage.
- B. The payment quantity of directional signage shown in the Bid Item List will be paid for at the contract unit price per each item furnished for Item No. 24 – Directional Signage.
- C. The payment quantity of accessible parking signage shown in the Bid Item List will be paid for at the contract unit price per each item furnished for Item No. 32 – Accessible Parking Signage.

SCHEDULE OF BID PRICES

The bidder shall set forth, for each and every, item of work listed, a "Unit Price" and an "Extension Price" in clearly legible figures, in the respective spaces provided for this purpose. The bidder's attention is directed to Section 2, "Bidding," of the special provisions. All Bid items, including lump sums, unit prices and extension prices, must be filled in completely. Bid items are described in Contract Documents. Quote in figures only, unless words are specifically requested.

BUILDING AND SITE IMPROVEMENTS AT 6741 DOWNING AVENUE, BAKERSFIELD, CA 1789CC-C00027						
Item No.	Estimated Quantity	Item Code	Unit of Measure	Item	Unit Price (in figures)	Extension Price (in figures)
1	1	100100	LS	Develop Water Supply		
2	1	120100	LS	Temporary Traffic Control		
3	1	130300	LS	Prepare Stormwater Pollution Prevention Plan		
4	1	170103	LS	Clearing and Grubbing		
5	1	220102	LS	Finishing Project		
6	1,133	260203	CY	Class 2 Aggregate Base		
7	1,341	390132	TON	Hot Mix Asphalt (Type A)		
8	95	888888	CY	Core Concrete (5")		
9	787	888888	CY	Core Concrete (7")		
10	1	888888	LS	Street Improvements		
11	54	731521	CY	Minor Concrete		
12	1	760080	LS	Water Supply System		
13	841	800365	LF	Chain Link Fence (Type CL-6, Slatted)		
14	5	888888	EA	Chain Link Gate (Type CL-6, Slatted)		
15	19	888888	EA	Pole-Mounted Site Lighting		
16	69,734	888888	SQFT	Landscape		
17	177 (F)	888888	CY	Loading Dock (Earthwork)		
18	2,485 (F)	888888	CY	Retention Basin		
19	1,507	888888	LF	Wrought Iron Fencing		
20	3	888888	EA	Wrought Iron Gate		

(F) = Final Pay

Subtotal Page Total Extension Price (Items 1 thru 20):

\$ _____

**BUILDING AND SITE IMPROVEMENTS AT 6741 DOWNING AVENUE, BAKERSFIELD, CA
1789CC-C00027**

Item No.	Estimated Quantity	Item Code	Unit of Measure	Item	Unit Price (in figures)	Extension Price (in figures)
21	5	888888	EA	Wrought Iron Man Gate		
22	2,720	840651	SQFT	Painted Stall Lines and Pavement Markings		
23	1	888888	EA	Monument Signage		
24	3	888888	EA	Directional Signage		
25	355	888888	SQFT	Truncated Domes		
26	4	888888	EA	EV Dual Chargers		
27	8	888888	EA	EV Capable Parking Stalls		
28	1	888888	LS	Septic Tank (3,000 Gallon, 3 – 60 FT Long Special Trench)		
29	1	888888	LS	Construct Warehouse Building and Installing Plumbing		
30	1	888888	LS	Construct Parking Garage		
31	1	999990	LS	Mobilization		
32	4	888888	EA	Accessible Parking Signage		

(F) = Final Pay

Subtotal Page Total Extension Price (Items 21 thru 32):

\$ _____

Total Bid Price:

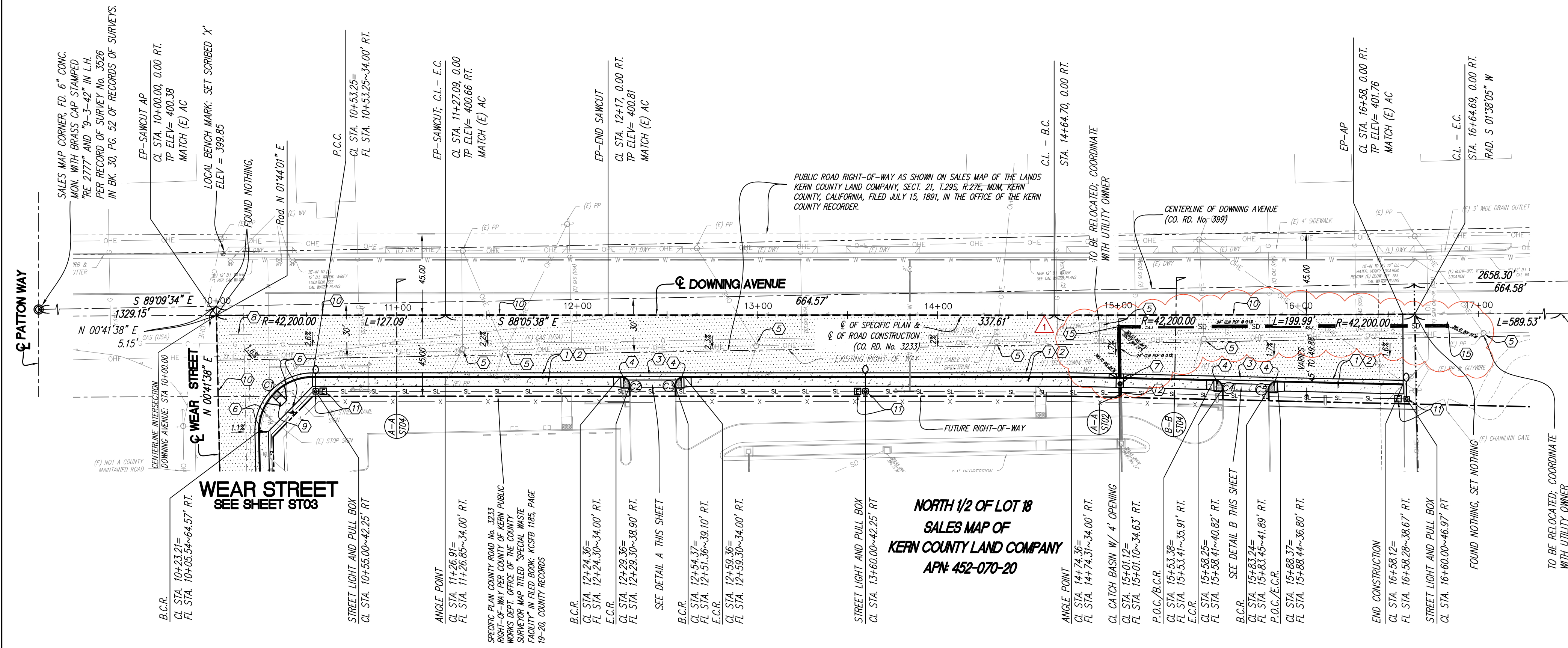
\$ _____

(Indicate Bid Price in Words)

- V. Each Extension Price has been calculated by multiplying the Estimated Quantity by the Unit Price. In the case of lump sum items, the Estimated Quantity shall be unity. The Bid Total is the sum of all Extension Prices. Bidder agrees that in case of any discrepancy between the Unit Price(s) and the respective Extension Price(s) and/or the Total Price Bid, the Unit Price(s) shall prevail, and the bid submitted shall be the correctly computed sum of all correctly computed Extension Prices, provided, however, if the amount set forth as a Unit Price is illegible, omitted, or identical to the amount set forth as an Extension Price, then the amount set forth in the Extension Price column for the item shall be used to determine the correct Unit Price in accordance with the following.
- A. As to lump sum items, the amount set forth in the Extension Price column shall be the Unit Price.
 - B. As to unit basis items, the amount set forth in the Extension Price column shall be divided by the Estimated Quantity for the item and the price thus obtained shall be the Unit Price.
 - C. As to items where the amount set forth as a Unit Price is identical to the amount set forth as an Extension Price, the amount set forth in the Extension Price column shall prevail.
- VI. Subcontractors for work are listed on Subcontractors List, submitted herewith.
- VII. The undersigned Bidder understands that County reserves the right to reject this Bid.
- VIII. If written notice of the identification of low bid, hereinafter referred to as Notice of Intent to Award, is ailed or delivered to the undersigned Bidder within the time described in Paragraph 2 of this Bid Form or at any other time thereafter before it is withdrawn, the undersigned Bidder will execute and deliver he documents required by Section 3-1.18, "Contract Execution," of the special provisions within the times specified therein.
- IX. If this Bid is accepted and the undersigned fails to execute the aforesaid contract and to provide surety bonds and evidence of insurance acceptable to the County as is required within the time specified, the County may, at its option, determine that the bidder has abandoned the bid and the bidder's security shall be forfeited and shall become the property of the County of Kern. County shall then be free to accept the id of another bidder.
- X. Notice of Intent to Award Notice of Intent to Award or request for additional information may be addressed to the undersigned Bidder at the address set forth below.
- XI. The undersigned Bidder herewith encloses cash, a cashier's check, or certified check of or on a responsible bank in the United States, or a corporate surety bond furnished by a surety admitted to do a surety business in the State of California, in form specified in the bid book, in the amount of 10% of the Total Bid Price and made payable to the COUNTY OF KERN.
- XII. The undersigned Bidder agrees to commence work on the date established in, and to complete all work within the time specified in contract documents.
- XIII. The undersigned Bidder agrees that, liquidated damages for failure to complete all work in the Contract within the time specified in contract documents shall be as set forth in the contract.

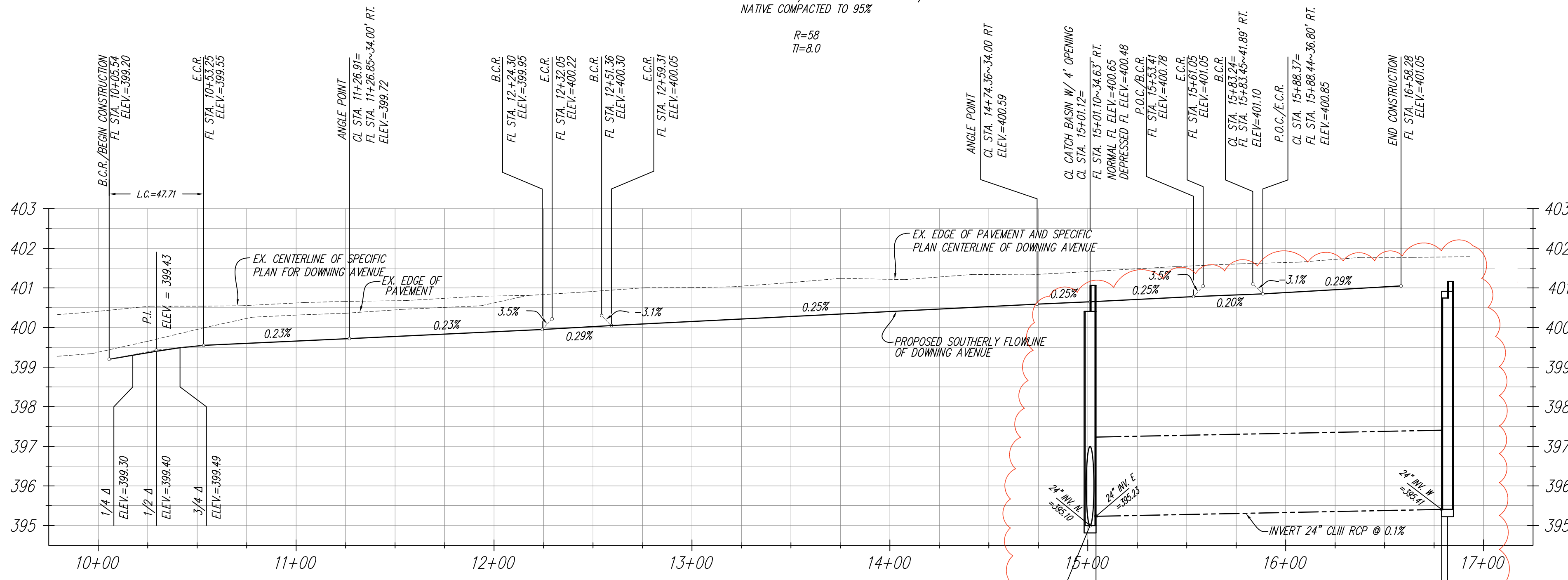
IMPORTANT NOTICE:

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



DOWNING AVENUE (STATION 10+00.00 TO 16+58.12)

0.40 TYPE "A" A.C. PAVING / 0.35" CL II AGG. BASE / 1.25" NATIVE COMPACTED TO 95%



FLOWLINE PROFILE

CONSTRUCTION NOTES

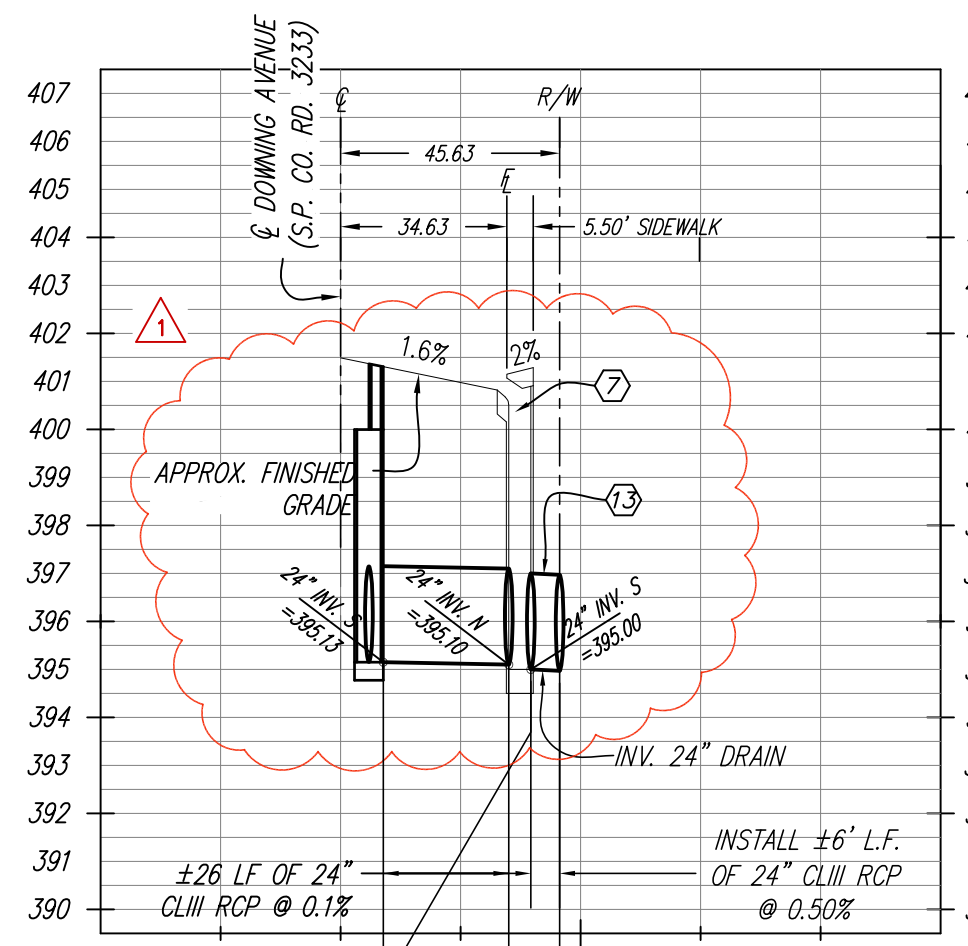
- CONSTRUCT STANDARD CURB TYPE "A2-6" CURB & GUTTER PER C.O.K. PLATE NO. R-52.
- CONSTRUCT TYPE 2A STANDARD SIDEWALK PER C.O.K. PLATE NO. R-65.
- CONSTRUCT COMMERCIAL DRIVE APPROACH TYPE "C" PER C.O.K. PLATE NO. R-55.
- CONSTRUCT CURB RAMP PER C.O.K. PLATE NO. R-59.
- REMOVE, ADJUST OR RELOCATE EXISTING UTILITIES - COORDINATE WITH UTILITY OWNER. ADJUST COVERS PER ADJUST COVER TO GRADE PLATE NO. R-69.
- REMOVE/RELOCATE EXISTING STOP SIGN AND STREET SIGN PER C.O.K. PLATE NO. T-1 & T-4.
- CONSTRUCT TYPE "A" MINOR STRUCTURE PER C.O.K. PLATE NO. R-71 & 72 (OPENING = 4.0').
- REMOVE/REPLACE LIMIT LINE AND "STOP" MARKING.
- CONSTRUCT WHEELCHAIR RAMP PER C.O.K. PLATE NO. R-60.

CONSTRUCTION NOTES. (CONT.)

- SAWCUT TO A NEAT, CLEAN VERTICAL FACE AT CENTERLINE OF ROADWAY, AS DIRECTED BY COUNTY INSPECTOR.
- STANDARD STREET LIGHT MAST ARM & STREET LIGHT PULL BOX DETAIL PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
- INSTALL 24" CL III RCP STORM DRAIN PIPE.
- PROTECT SURVEY MONUMENT FRAME AND COVER.
- CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0').
- CONSTRUCT TYPE "B" MINOR STRUCTURE - JUNCTION BOX PER C.O.K. PLATE NO. D-4.

NOTES:

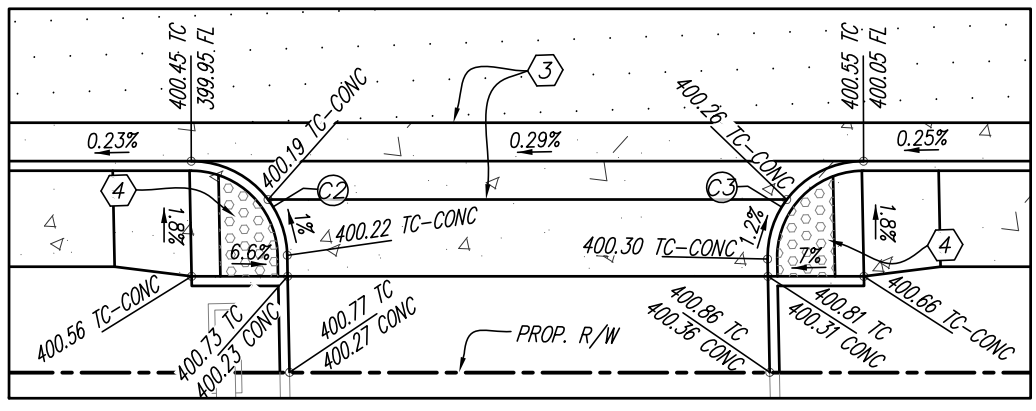
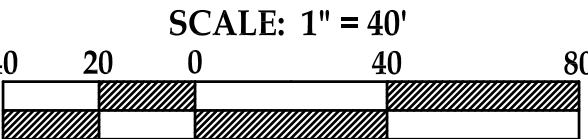
- ALL STATIONING IS BASED ON CENTERLINE UNLESS OTHERWISE NOTED. SLOPES ARE ALONG FLOWLINE.
- MANHOLES AND VALVES SHALL BE ADJUSTED TO FINISH PAVING GRADE. CONTRACTOR SHALL FIELD VERIFY THE FINAL LOCATION OF EACH FACILITY. CONTRACTOR SHALL BE REIMBURSED BY OWNER FOR THE COST OF ANY ADJUSTED FACILITIES BEYOND THOSE SHOWN ON PLAN.
- CURVE DATA FOR CURB RETURNS ARE TERMINATED AT THE BCR/ECR OR THE BACK OF THE PEDESTRIAN EASEMENT (PEDE), WHICHEVER OCCURS FIRST.



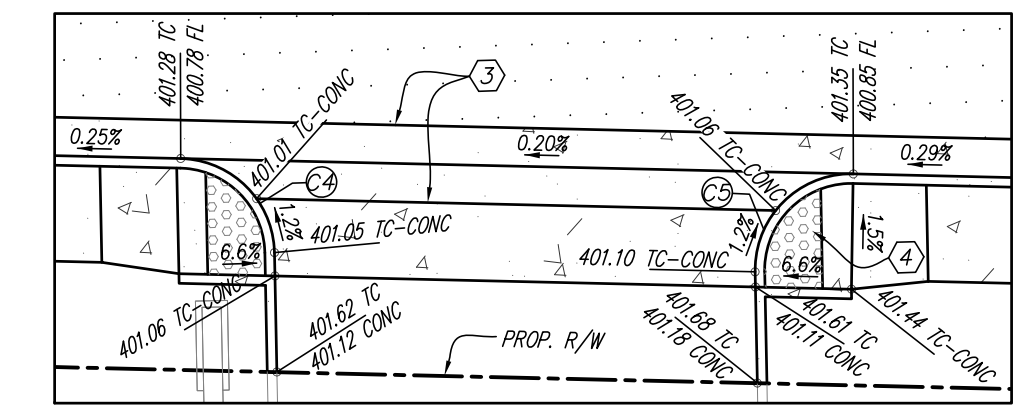
DOWNING AVENUE SECTION "A-A": STA 15+01.12

TYPE "A" MINOR STRUCTURE
CATCH BASIN CROSS SECTION
SCALE: 1"=40' HORIZONTAL
1"=4' VERTICAL

Curve Table				
Curve #	Length	Radius	Delta	Tangent
C1	47.71'	30.00'	91°06'46"	30.59'
C2	7.75'	5.00'	88°51'54"	4.90'
C3	7.85'	5.00'	91°07'52"	5.10'
C4	7.64'	5.00'	87°33'05"	4.79'
C5	8.07'	5.00'	92°26'55"	5.22'
C6	7.85'	5.00'	89°55'09"	4.99'
C7	7.86'	5.00'	90°04'44"	5.01'



DETAIL A
SCALE: 1"=10' HORIZONTAL



DETAIL B
SCALE: 1"=10' HORIZONTAL

ABBREVIATIONS:

- (E) EXISTING
- TYP. TYPICAL
- FD. FOUND
- BK. BOOK
- PG. PAGE
- C.O.K. COUNTY OF KERN
- CONC. CONCRETE
- A.C. ASPHALT PAVEMENT
- FG. FINISH GRADE
- EP. EDGE OF PAVEMENT
- TC. TOP OF CURB
- FL. FLOWLINE
- TP. TOP OF PAVEMENT
- GB. GRADE BREAK

LEGEND:

- EXISTING FIRE HYDRANT
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING HOSE BIB
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- FOUND MONUMENT
- EXISTING TRAFFIC SIGN
- EXISTING SEWER MANHOLE
- EXISTING STORM DRAIN MANHOLE
- EXISTING SEWER CLEANOUT
- EXISTING IRRIGATION VALVE
- EXISTING TELEPHONE PULL BOX
- EXISTING GAS METER
- EXISTING ELECTRICAL PULL BOX
- EXISTING LIGHT POLE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING GAS LINE
- EXISTING FENCELINE
- EXISTING ELECTRIC LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- EXISTING CURB & GUTTER
- CONSTRUCT STANDARD CURB TYPE "A2-6" CURB & GUTTER PER C.O.K. PLATE NO. R-52.
- PROPOSED SAWCUT
- INSTALL CONDUIT, PULL BOXES FOR STREET LIGHT PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
- INSTALL AND FURNISH STANDARD STREET MAST ARM AND PULL BOX PER C.O.K. PLATE NO. R-75 AND PLATE NO. R-76.
- CONSTRUCT TYPE "A" MINOR STRUCTURE PER C.O.K. PLATE NO. R-71 & 72 (OPENING = 4.0'); OR CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')
- CONSTRUCT UNDERSIDEWALK DRAIN STRUCTURE PER C.O.K. PLATE NO. R-74 (OPENING = 4.0')
- 24" CLASS III RCP STORM DRAIN

SWANSON ENGINEERING, INC.

2000 Oak Street, Suite 150 • Bakersfield, CA 93301
P: (661) 831-4919; F: (661) 874-4777

REGISTERED PROFESSIONAL ENGINEER
No. 43085
EXP. 9-31-28
STATE OF CALIFORNIA

BY: JLS
DATE: 7/13/28
DESCRIPTION: ADDENDUM 15

ENGINEER: TK
DATE: 12/15/25
JOB NO.: 23-015

KERN COUNTY SPECIAL WASTE FACILITY
SOUTHEAST CORNER OF DOWNING AVENUE AND WEAR STREET
BAKERSFIELD, CALIFORNIA 93308

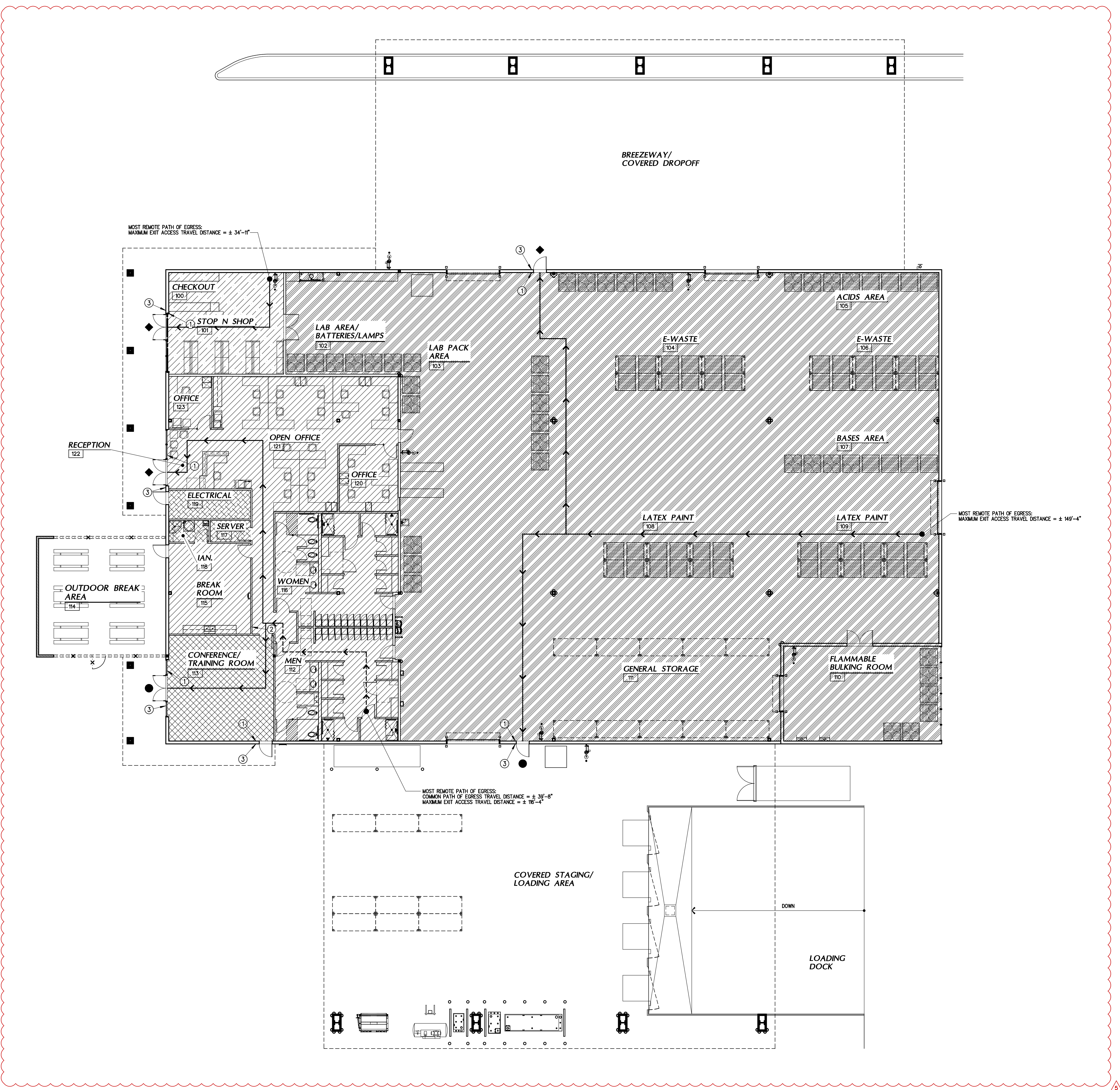
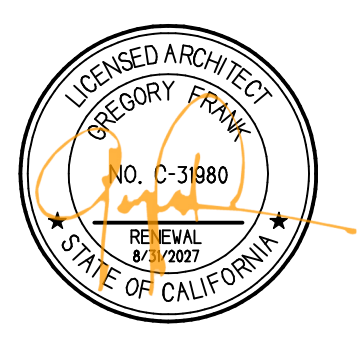
DOWNING AVE. STREET IMPROVEMENT PLAN

23015-ST02A-R31.0WG
Wednesday, July 22, 2026 9:07:08 AM

ST02A

SHEET 2 OF 7

These drawings, related specifications, ideas, designs and arrangements represented hereby are and shall remain the property of the Architect and no part thereof shall be copied, reproduced or otherwise used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.



- LEGEND:**
- ◆ PRIMARY EXIT - PROVIDE TACTILE EXIT SIGN ADJACENT TO DOOR PER DETAIL THIS SHEET
 - REQUIRED EXIT - PROVIDE TACTILE EXIT SIGN ADJACENT TO DOOR PER DETAIL THIS SHEET
 - DENOTES COMMON PATH OF EGRESS TRAVEL
 - DENOTES DIRECTION OF EXIT PATH
 - ① NEW TACTILE EXIT SIGN LOCATED @ 48" A.F.F. - TEXT SHALL READ "EXIT" w/ MIN. CHARACTER HEIGHT OF 6 INCHES - BRAILLE SHALL BE DOTS 1/8 INCH O.C. w/ 1/4 INCH RAISED DOTS.
 - ② NEW TACTILE EXIT SIGN LOCATED @ 48" A.F.F. - TEXT SHALL READ "EXIT" w/ MIN. CHARACTER HEIGHT OF 6 INCHES - BRAILLE SHALL BE DOTS 1/8 INCH O.C. w/ 1/4 INCH RAISED DOTS.
 - ③ INTERNATIONAL SYMBOL OF ACCESSIBILITY DISPLAY SIGNAGE - SEE DETAIL 1/A01

OCCUPANT LOAD

ACCESSORY STORAGE & EQUIPMENT	0.6 OCCUPANTS
228 S.F. @ 1 OCC. PER 300 S.F.	
BUSINESS AREAS	24.5 OCCUPANTS
3,631 S.F. @ 1 OCC. PER 150 S.F.	
MERCANTILE	10.5 OCCUPANTS
633 S.F. @ 1 OCC. PER 60 S.F.	
UNCONCENTRATED ASSEMBLY	40.3 OCCUPANTS
609 S.F. @ 1 OCC. PER 15 S.F.	
WAREHOUSE	28.4 OCCUPANTS
14,228 S.F. @ 1 OCC. PER 500 S.F.	
TOTAL OCCUPANT LOAD:	105 OCCUPANTS
TOTAL EXITS REQUIRED BASED ON OCCUPANT LOAD:	2 EXITS

OCCUPANT LOAD / EXITING CALCULATIONS

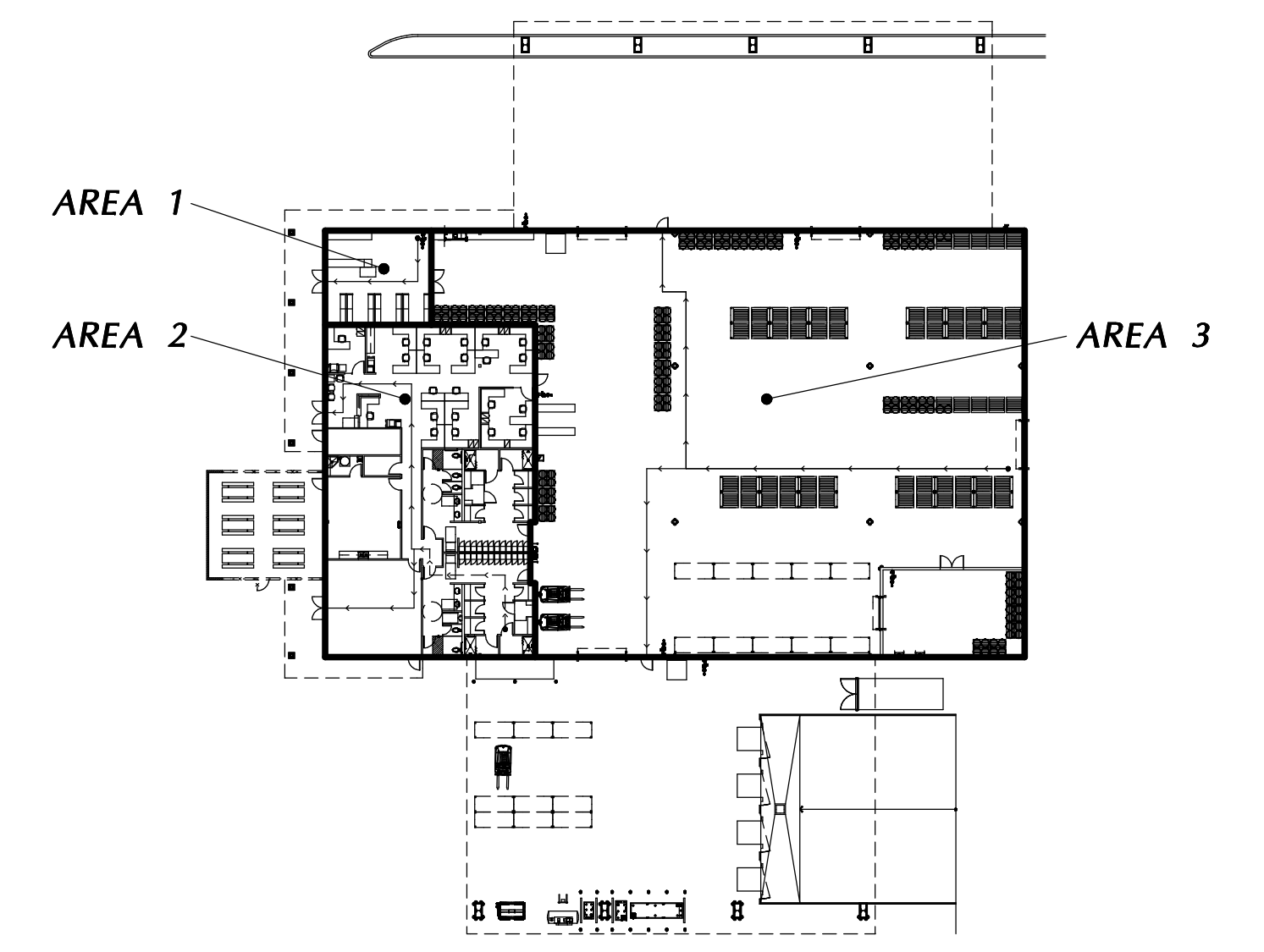
AREA 1
MERCANTILE:
MERCANTILE (633 S.F. / 60): 11 OCCUPANTS
OCCUPANT LOAD: 11 OCCUPANTS
EXITS REQUIRED: 1
EXITS PROVIDED: 1
MINIMUM REQUIRED EGRESS WIDTH (PER CBC 105.3.2): 162"
EGRESS WIDTH PROVIDED: 1 EXITS @ 72": 72"
TOTAL EGRESS WIDTH PROVIDED: 72"

AREA 2
BUSINESS:
ACCESSORY STORAGE & EQUIPMENT (228 S.F. / 300): 1 OCCUPANTS
BUSINESS AREAS (3,632 S.F. / 150): 25 OCCUPANTS
UNCONCENTRATED ASSEMBLY (609 S.F. / 15): 41 OCCUPANTS
OCCUPANT LOAD: 67 OCCUPANTS
EXITS REQUIRED: 2
EXITS PROVIDED: 3
MINIMUM REQUIRED EGRESS WIDTH (PER CBC 1028.6.1): 117"
EGRESS WIDTH PROVIDED: 1 EXITS @ 72": 72"
1 EXITS @ 72": 72"
1 EXITS @ 36": 36"
TOTAL EGRESS WIDTH PROVIDED: 180"

AREA 3
WAREHOUSE:
WAREHOUSE (14,228 S.F. / 500): 29 OCCUPANTS
OCCUPANT LOAD: 29 OCCUPANTS
EXITS REQUIRED: 2
EXITS PROVIDED: 2
MINIMUM REQUIRED EGRESS WIDTH (PER CBC 1028.6.1): 5.8"
EGRESS WIDTH PROVIDED: 1 EXITS @ 36": 36"
1 EXITS @ 36": 36"
TOTAL EGRESS WIDTH PROVIDED: 72"

OCCUPANT LOAD & EXITING DIAGRAM

3/32"



A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITTAL
9-16-2025	BUILDING DEPARTMENT RESUBMITTAL
10-30-2025	BUILDING DEPARTMENT RESUBMITTAL

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE
07-29-26	ADDENDUM #2

JOB	7005
DP	AC/AY
PM	GUF
T103A	

AREA DIAGRAM

N.S.



SEC OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

REVISION	DESCRIPTION
7/13/26	ADDENDUM #5

JCB	C2A SHEET 2 OF 9
DP	
PM	



SWANSON
ENGINEERING, INC.

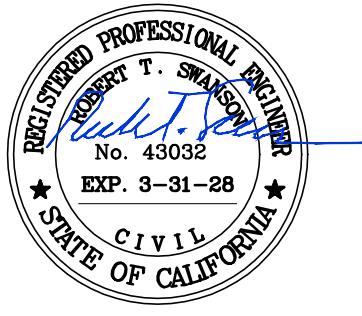
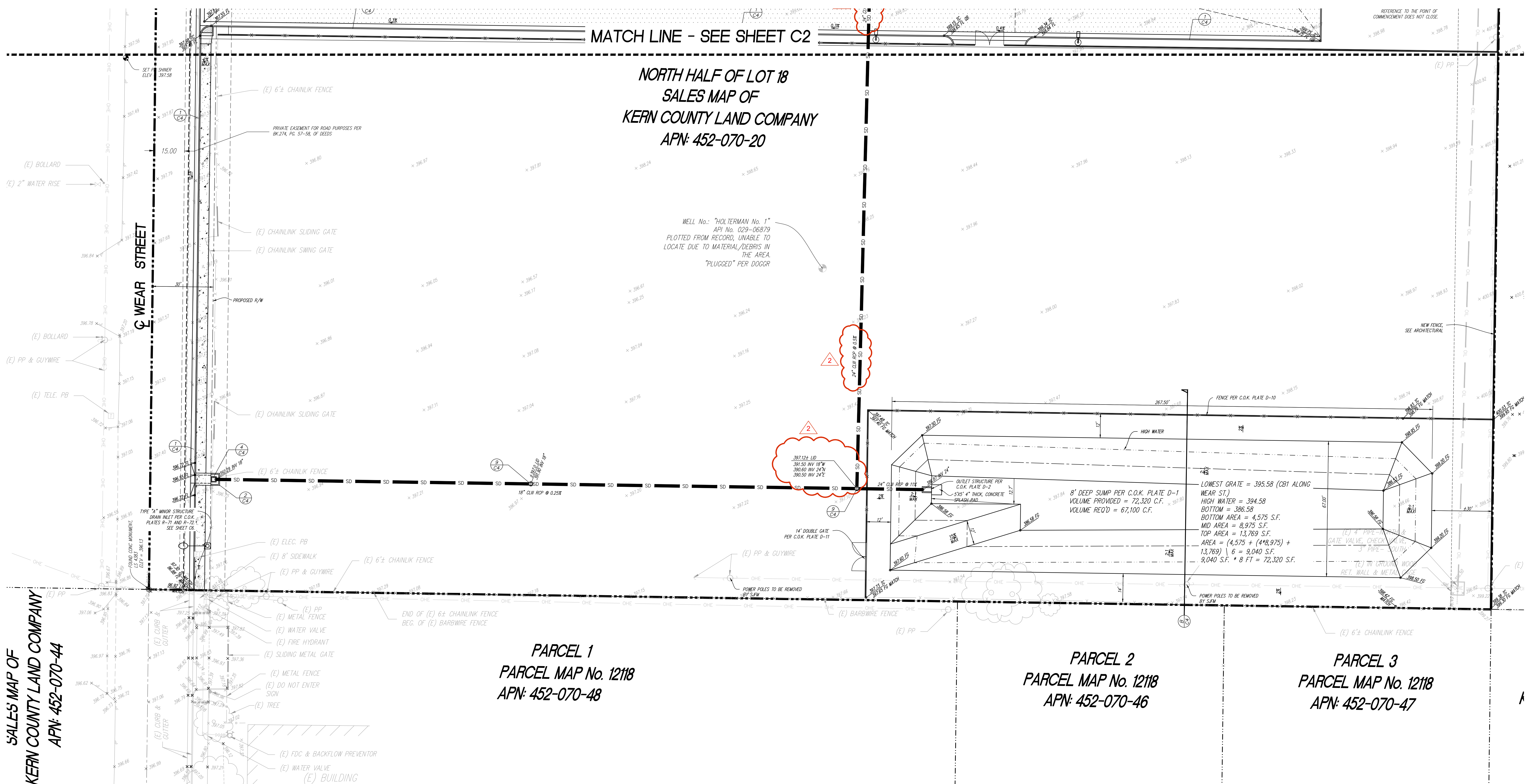
2000 Oak Street, Suite 150 ~ Bakersfield, CA 93301

SHEET 2 OF 2

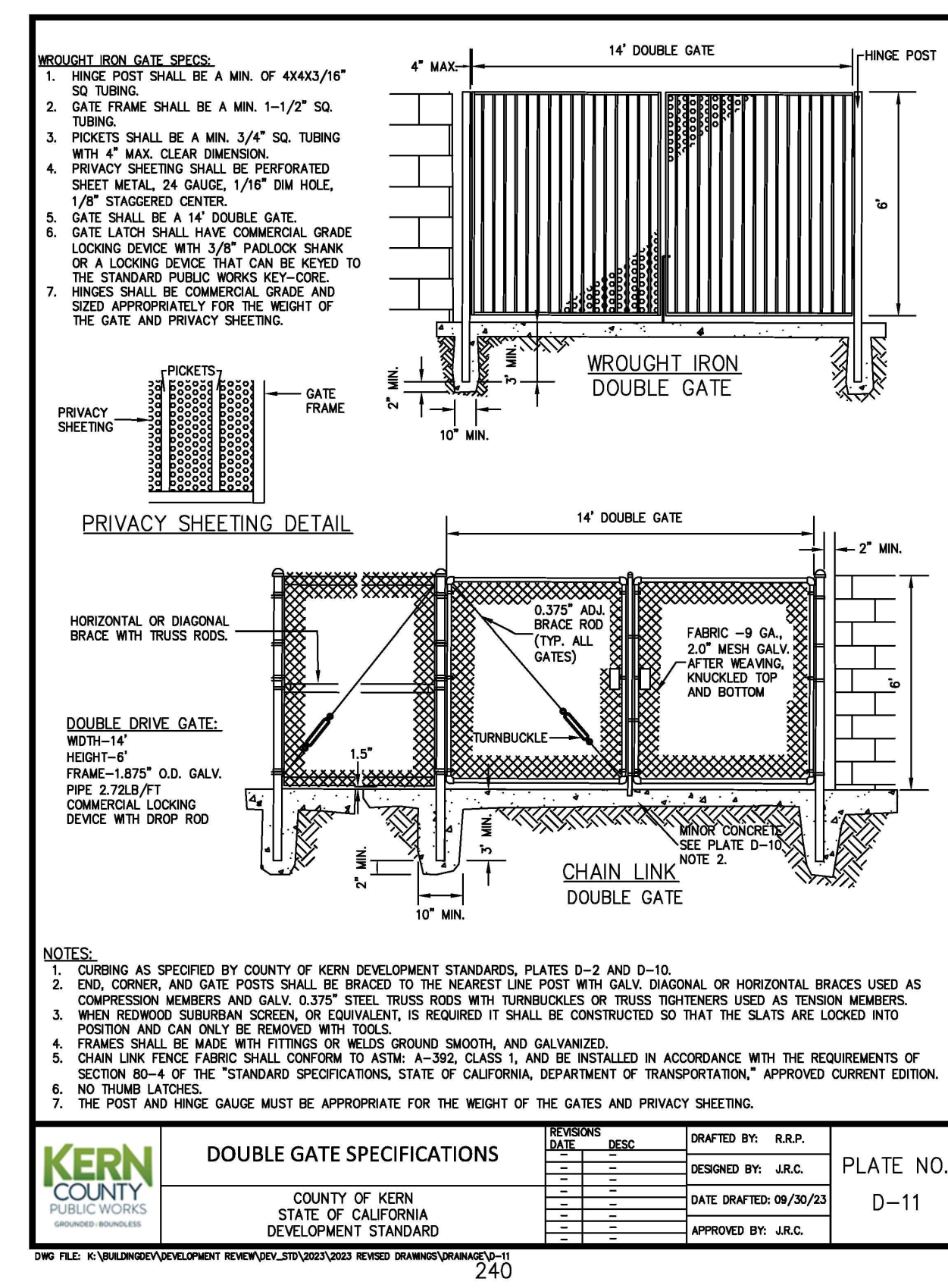
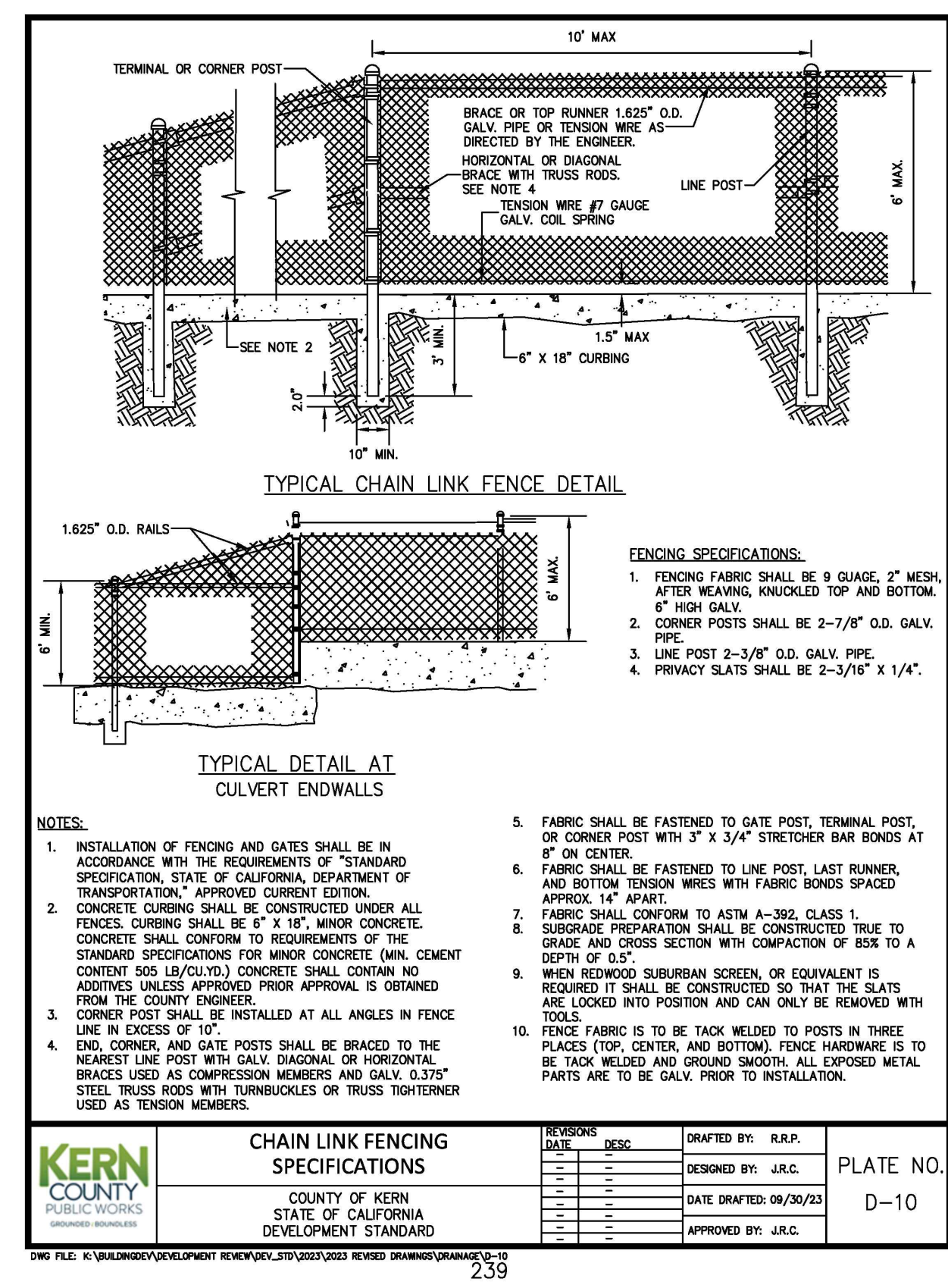
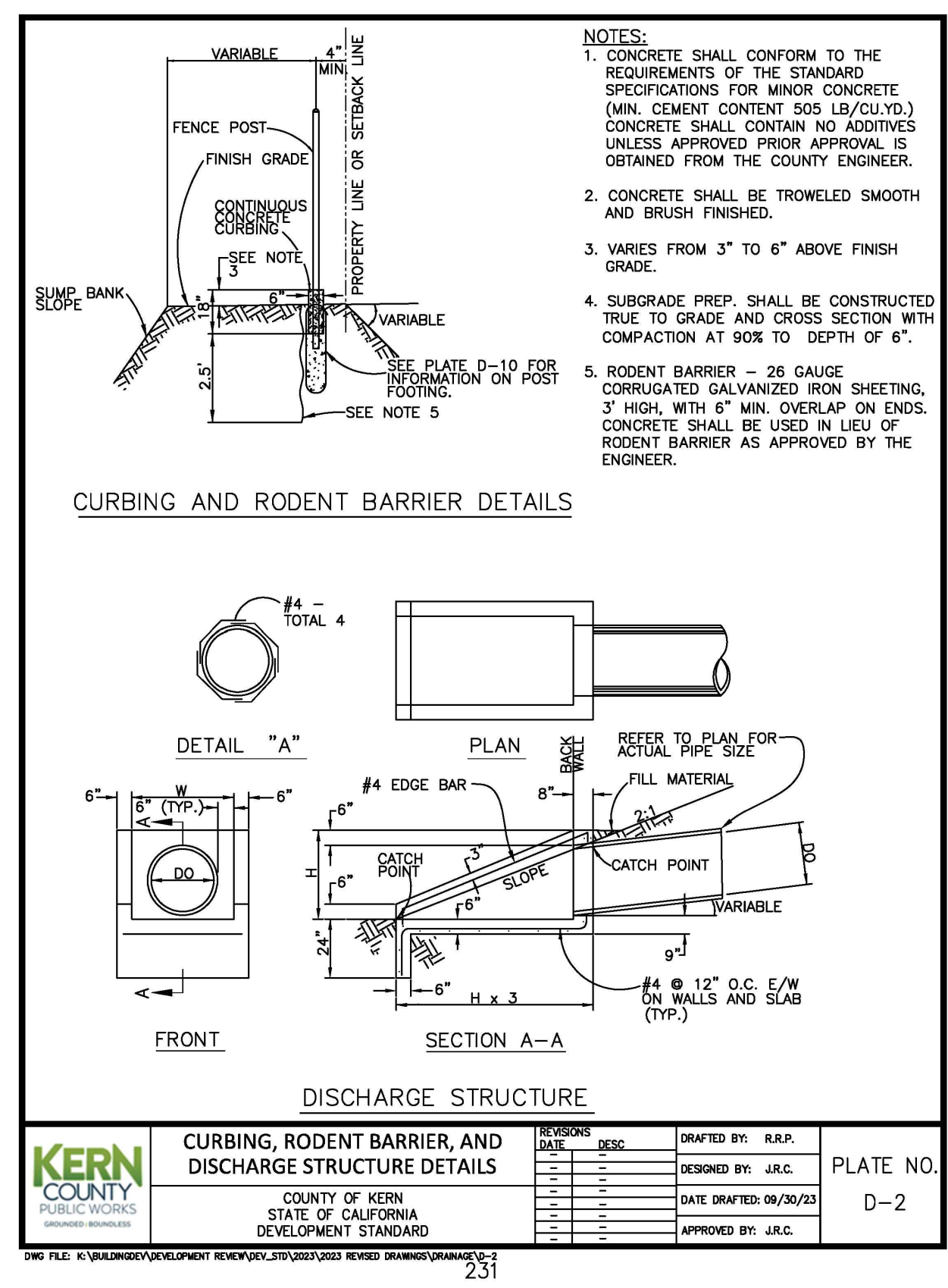
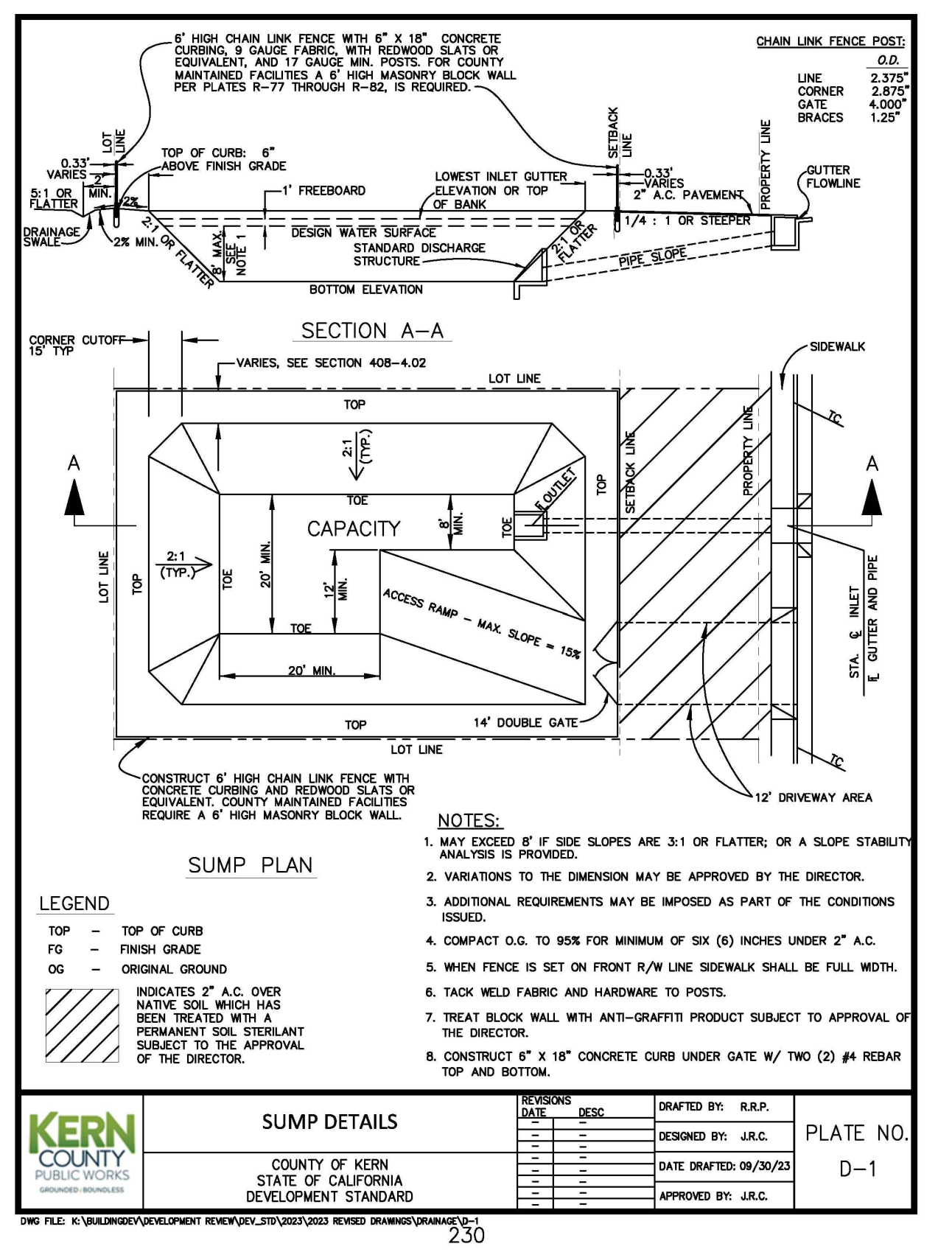
ABBREVIATIONS		EXISTING FIRE HYDRANT		EXISTING STORM DRAIN LINE	
(E)	EXISTING			SD	EXISTING STORM DRAIN LINE
TM	TRUNK			FO	EXISTING FIBER OPTIC LINE
TM	TRUNK			W	EXISTING WATER LINE
DL	DOWN			SS	EXISTING SEWER LINE
HC	HOSE				EXISTING GAS LINE
C&G	COUNTY OF KENN			X	EXISTING FENCIBLE
C&G	CITY OF WASHINGTON				EXISTING ELECTRIC LINE
OR	OTHER RECORDS				EXISTING OVERHEAD ELECTRIC LINE
CON	CONCRETE				EXISTING PROPERTY LINE
A.C.	ASPHALT PAVEMENT				EXISTING RIGHT-OF-WAY
FP	FRONT SHADE				
FP	FACE OF PAVEMENT				
TC	TOP OF CURB				
FL	FLANGE				
CL	CENTERLINE				
IT	INTERIOR FLOOR				
FP	FRONT PORCH				
TP	TOP OF PAVEMENT				
OS	GRADE BREAK			X	EXISTING GRADE OF ADJACENT
HW	HEAD WATER				NEW FENCE SEE INVENTOR'S
TS	TRUNK SURFACE			SD	NEW STORM DRAIN LINE
FW	FRONT WALL			FW	NEW FRONT OPTIC LINE
				SW	NEW SEWER LINE
				DS	NEW DRAIN LINE
					EXISTING NATURAL GRADE STOP ELEVATION

UTILITY TRENCH

UTILITY TRENCHING SHALL COMPLY WITH DETAIL 11, SHEET C



SALES MAP OF
KERN COUNTY LAND COMPANY
APN: 452-070-44



A NEW BUILDING FOR:



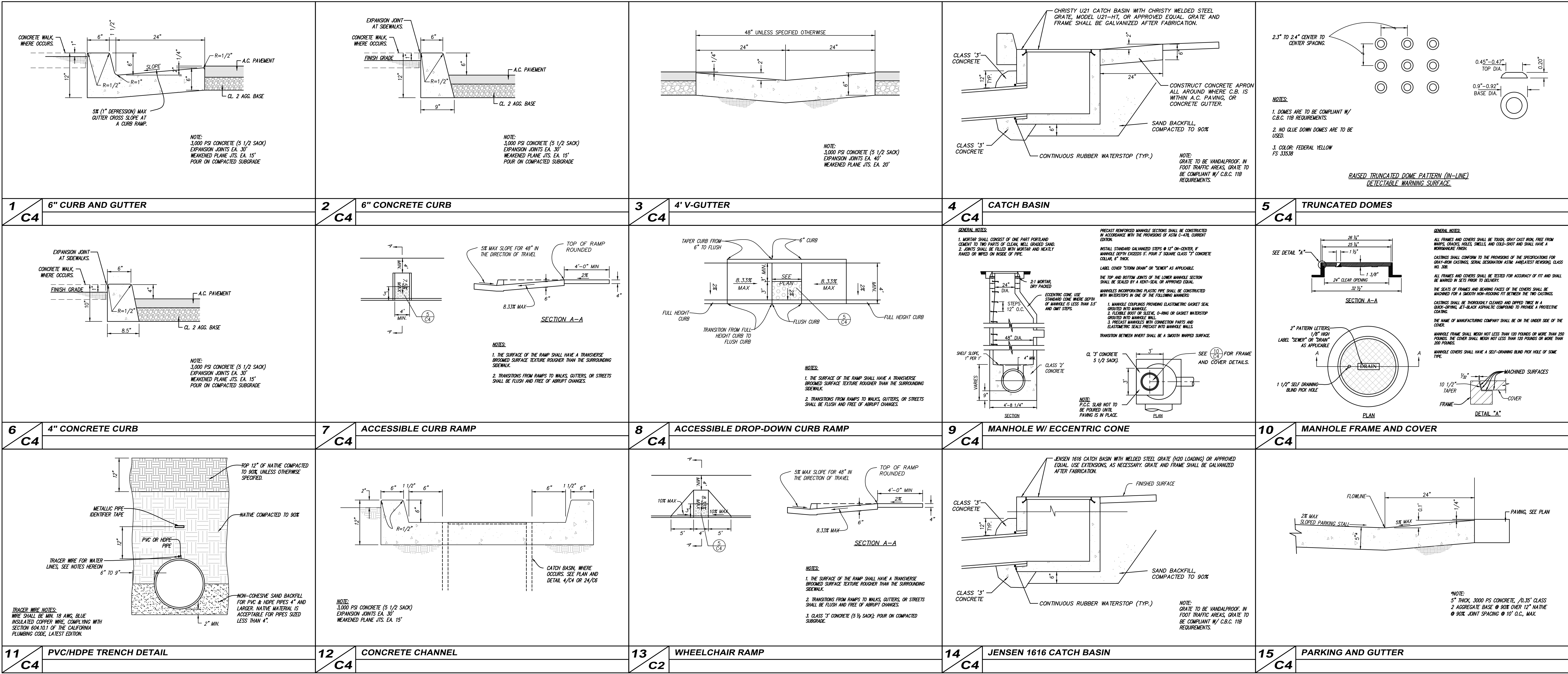
**KERN COUNTY
SPECIAL WASTE
FACILITY**

SEC OF DOWNING AVE & WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
1/2/25	DRAWING PERMIT

REVISION	DESCRIPTION
1/2/25	REVISION DRAWING
1/2/25	ADDITIONAL REV

JOB	23-015
SP	
FW	



GRADING NOTES

1. ALL GRADING SHALL CONFORM TO THE COUNTY OF KERN ORDINANCES AND STANDARDS PERTAINING THERETO (CALIFORNIA BUILDING CODE, 2022) AND SHALL BE SUPERVISED AS ENGINEERED GRADING IN ACCORDANCE WITH COUNTY OF KERN ORDINANCES.

2. THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODE WITHIN HIS FURNISH.

3. THE SOIL ENGINEER, DESIGN ENGINEER, AND BUILDING OFFICIAL SHALL BE NOTIFIED 48 HOURS PRIOR TO PLACING ANY MATERIAL.

4. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTIES; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DESIGN, IDENTIFY, AND HOLD THE OWNER, ARCHITECT, AND THE ENGINEER HARMLESS FROM ANY LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ARCHITECT, OR THE ENGINEER.

5. THE GRADING CONTRACTOR SHALL CONTACT ALL COMPANIES WITH UNDERGROUND FACILITIES PRIOR TO BEGINNING CONSTRUCTION AND VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND FACILITIES, INCLUDING TELEPHONE, ELECTRIC, WATER, SEWER, OIL, AND GAS LINES. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR BORED LINES NOT INDICATED ON THE PLAN OR FOR INFORMATION OBTAINED FROM OUTSIDE SOURCES. (USA - 811)

6. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING ALL AREAS TO + OR - 0.10 FOOT; IF AN AREA SHOULD BE FOUND TO BE MORE THAN 0.10 FOOT OUT OF TOLERANCE AFTER COMPACTING AND COMPLETION OF GRADING, THE CONTRACTOR SHALL RETURN AND CORRECT THE GRADING AT NO COST TO THE OWNER.

7. THE CONTRACTOR SHALL WATER AS REQUIRED DURING THE GRADING OPERATIONS TO PREVENT THE OCCURRENCE OF A DUST NUISANCE AND SHALL PROTECT CURBS AND OTHER OBJECTS WHICH ARE TO REMAIN. DUST CONTROL SHALL CONFORM TO THE SAN JOAQUIN VALLEY UNITED AIR POLLUTION CONTROL DISTRICT REGULATIONS.

8. EXCAVATION - EXCAVATION SHALL CONSIST OF ALL EXCAVATION INVOLVED IN GRADING. QUANTITIES AS SHOWN ON THE PLANS. THIS SHALL INCLUDE EXPORTING MATERIAL TO AN OFF-SITE LOCATION, AS REQUIRED.

9. EMBANKMENTS - EMBANKMENT CONSTRUCTION SHALL CONSIST OF CONSTRUCTING EMBANKMENTS INCLUDING THE PREPARATION OF AREAS WHERE THEY ARE TO BE PLACED, THE CONSTRUCTION OF Dikes WITHIN OR OUTSIDE THE CONSTRUCTION AREA, THE PLACING AND COMPACTING OF APPROVED MATERIAL WITHIN THE CONSTRUCTION AREA WHERE UNDESIRABLE MATERIAL HAS BEEN REMOVED, AND THE PLACING AND COMPACTING OF EMBANKMENT MATERIAL IN HOLES, PITS, AND DEPRESSIONS. IT SHOULD ALSO CONSIST OF PREPARING SUB-GRADE AT THE GRADING PLANE CONFORMING TO THE GRADE TOLERANCE, DOING NECESSARY PLOTTING OF BENCHMARKS, IMPORTING OR EXPORTING, PLACING AND COMPACTING MATERIAL TO THE LINE AND GRADES SHOWN ON THE PLANS. ALL EMBANKMENT CONSTRUCTION SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE.

10. THE WORK EMBANKED HEREON SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION DATED JULY 2016 (UNLESS OTHERWISE SPECIFIED), INsofar AS THE SAME MAY APPLY IN ACCORDANCE WITH THE NOTES HEREIN. IN CASE OF CONFLICT WITH THE STANDARD SPECIFICATIONS AND ANY NOTES HEREON, THE NOTES HEREON SHALL TAKE PRECEDENCE OVER AND BE USED IN LIEU OF SUCH CONFLICTING PORTIONS. SAID SPECIFICATIONS SHALL APPLY BUT NOT BE LIMITED TO THE FOLLOWING:

A) ALL CONCRETE SHALL BE 3,000 PSI USING TYPE I CEMENT AS IN ACCORDANCE WITH SECTION 901 AND SHALL HAVE AT LEAST 1,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS, PER CALTRANS STANDARD SPECIFICATIONS (2024) UNLESS OTHERWISE SPECIFIED.

B) ASPHALTIC CONCRETE SHALL BE TYPE "A", 1 1/2" MAXIMUM, MEDIAN GRADED, AND INMEDIATELY MIXED WITH 5-6.5% ASPHALT PER CALTRANS STANDARD SPECIFICATIONS (2024). NO P.A.P. (RECLAIMED ASPHALT PAVEMENT) SHALL BE USED. ASPHALT SHALL BE PERFORMANCE GRADE PG70-10.

11. SWANSON ENGINEERING SHALL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO, OR USES OF, THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE APPROVED, IN WRITING, BY SWANSON ENGINEERING.

12. ALL GRADING SHALL CONFORM TO THE RECOMMENDATIONS CONTAINED IN THE PRELIMINARY SOILS REPORT, MAKE A PART HEREOF, PREPARED BY KIRILAN & ASSOCIATES, INC., PROJECT NO. 022-2-0002, DATED JULY 28, 2023, TITLED "GEOLOGICAL ENGINEERING INVESTIGATION PROPOSED HOUSING DEVELOPMENT, SEC. 02 OF DOWNING AVENUE AND NEAR STREET, BAKERSFIELD, CALIFORNIA", AND ALL AMENDMENTS THEREIN. IN CASE OF A CONFLICT BETWEEN THE PLANS, SPECIFICATIONS, AND SOILS RECOMMENDATIONS, THE MORE STRINGENT REQUIREMENTS SHALL TAKE PRECEDENCE.

13. PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL POTABLE ALL UTILITIES THAT WILL BE AFFECTED BY THIS CONSTRUCTION TO DETERMINE IF ANY UTILITIES EXIST. ANY UTILITY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER SO THAT DESIGN CHANGES CAN BE MADE PRIOR TO THE START OF CONSTRUCTION.

14. UPON COMPLETION OF GRADING AND BEFORE THE START OF CONSTRUCTION, A FINAL SOILS REPORT SHALL BE PREPARED BY THE SOIL ENGINEER.

15. THE SOIL ENGINEER SHALL REVIEW ALL EXCAVATIONS PRIOR TO BACKFILLING AND SHALL BE NOTIFIED OF ANY ITEM ENCOUNTERED DURING THE GRADING OPERATIONS THAT MIGHT AFFECT FOUNDATION STABILITY SO THAT RECOMMENDATIONS CAN BE MADE BY THE SOIL ENGINEER.

16. CUT AND FILL SLOPES NEARER THAN FIVE FEET FROM THE BUILDING FOUNDATIONS SHALL NOT BE STEEPER THAN 3:1 CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 2:1 FOR SLOPES FARTHER THAN FIVE FEET FROM FOOTING LINES.

17. ALL SLOPES GREATER THAN THREE FEET IN VERTICAL HEIGHT SHALL BE PREPARED AND MAINTAINED TO PREVENT EROSION.

18. IMPORTED FILL MATERIAL SHOULD CONSIST OF ESSENTIALLY GRANULAR, SILTY SANDS WITH LOW EXPANSION POTENTIAL AND FREE OF GRASSES, WEEDS, ROCKS LARGER THAN TWO INCHES IN DIAMETER, DEBRIS, AND SOLUBLE SULFATES IN EXCESS OF 200 PARTS PER MILLION. IMPORTED FILL SHOULD CONTAIN SUFFICIENT SALT AND CLAY SANDS TO RENDER THEM STABLE IN FOOTING TRENCHES AND CAPABLE OF MAINTAINING SPECIFIED ELEVATION TOLERANCES DURING PAVING OPERATIONS.

IMPORTED SOILS SHOULD ALSO MEET THE FOLLOWING CRITERIA:

A) MAXIMUM % PASSING #200 SIEVE 50

B) MAXIMUM LIQUID LIMIT 40

C) MAXIMUM PLASTICITY INDEX 10

D) MAXIMUM P-WALLS 50

E) MAXIMUM EXPANSION INDEX 15

19. CLEARING AND GRUBBING - REMOVE ALL DEBRIS, SUCH AS METAL, TRASH, ROCKS GREATER THAN 2" IN DIAMETER, BROKEN CONCRETE, VEGETATION, OTHER BIODEGRADABLE SUBSTANCES, AND UNDESIRABLE SOIL FROM AREAS TO BE GRADED. UNDESIRABLE SOIL IS SOIL THAT, IN THE OPINION OF THE BUILDING OFFICIAL, SOIL ENGINEER, OR CIVIL ENGINEER, IS NOT COMPETENT TO SUPPORT OTHER SOIL, OR STRUCTURES, OR TO SATISFACTORILY PERFORM ANY OTHER FUNCTIONS FOR WHICH THE SOIL IS INTENDED.

20. AREAS TO RECEIVE FILL SHALL BE SCARIFIED SIX INCHES, OR AS RECOMMENDED IN THE SOIL REPORT, WHICHEVER IS GREATER, UNTIL THE SURFACE IS FREE FROM RUTS, HAWKS OR OTHER UNWELFARE FEATURES WHICH WOULD TEND TO PREVENT UNIFORM COMPACTION BY THE EQUIPMENT TO BE USED. MOSTLY AND COMPACT TO AT LEAST 90% OF THE MAXIMUM DENSITY PER ASTM D1557 UNLESS OTHERWISE SPECIFIED.

21. ENGINEERED FILL MATERIALS SHOULD BE PLACED IN THIN LAYERS (LESS THAN EIGHT INCHES UNCOMPACTED THICKNESS), BROUGHT TO NEAR THE OPTIMUM MOISTURE CONTENT, AND TO A MOISTURE CONTENT COMMERCIALLY WITH EFFECTIVE COMPACTION AND SOIL STABILITY, AND COMPACTED TO A MINIMUM OF 90 PERCENT OF THE MAXIMUM DENSITY OBTAINABLE BY ASTM TEST METHOD D1557.

22. QUANTITIES FOR EARTHWORK

EXCAVATION = 4,500 C.Y.

EMBANKMENT = 4,000 C.Y.

QUANTITIES ARE FOR GRADING PERMIT ONLY. THE ENGINEER MAKES NO WARRANTY OF THE ANTICIPATED SHOWMADE FACTOR. THE CONTRACTOR SHALL NOT USE THESE QUANTITIES TO BASE HIS BID ON. THE GRADING PLANS DOES NOT NECESSARILY INDICATE A BALANCED SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING MATERIALS FROM AN OFF-SITE LOCATION OR EXPORTING EXCESS MATERIAL TO AN OFF-SITE LOCATION, AS REQUIRED.

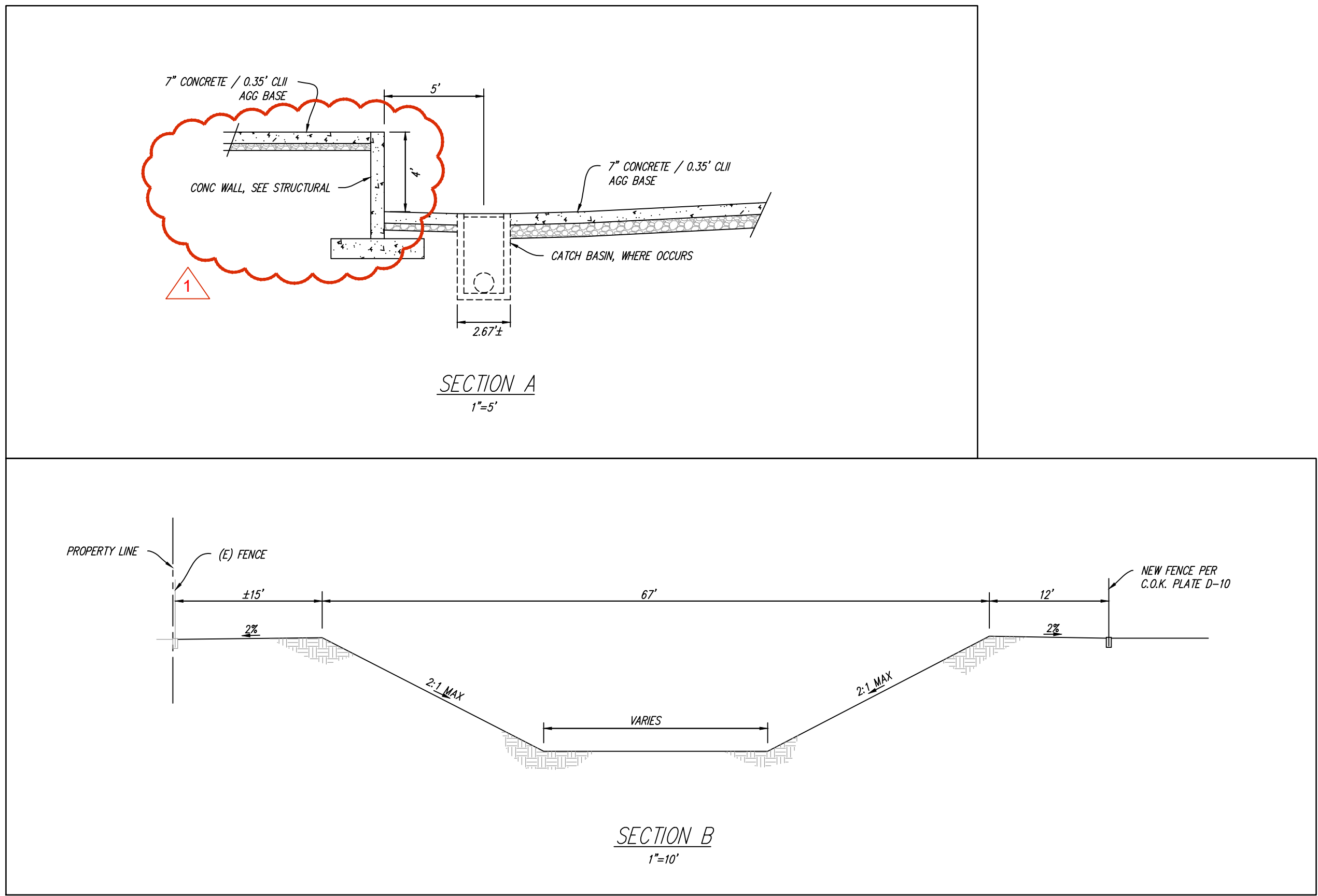
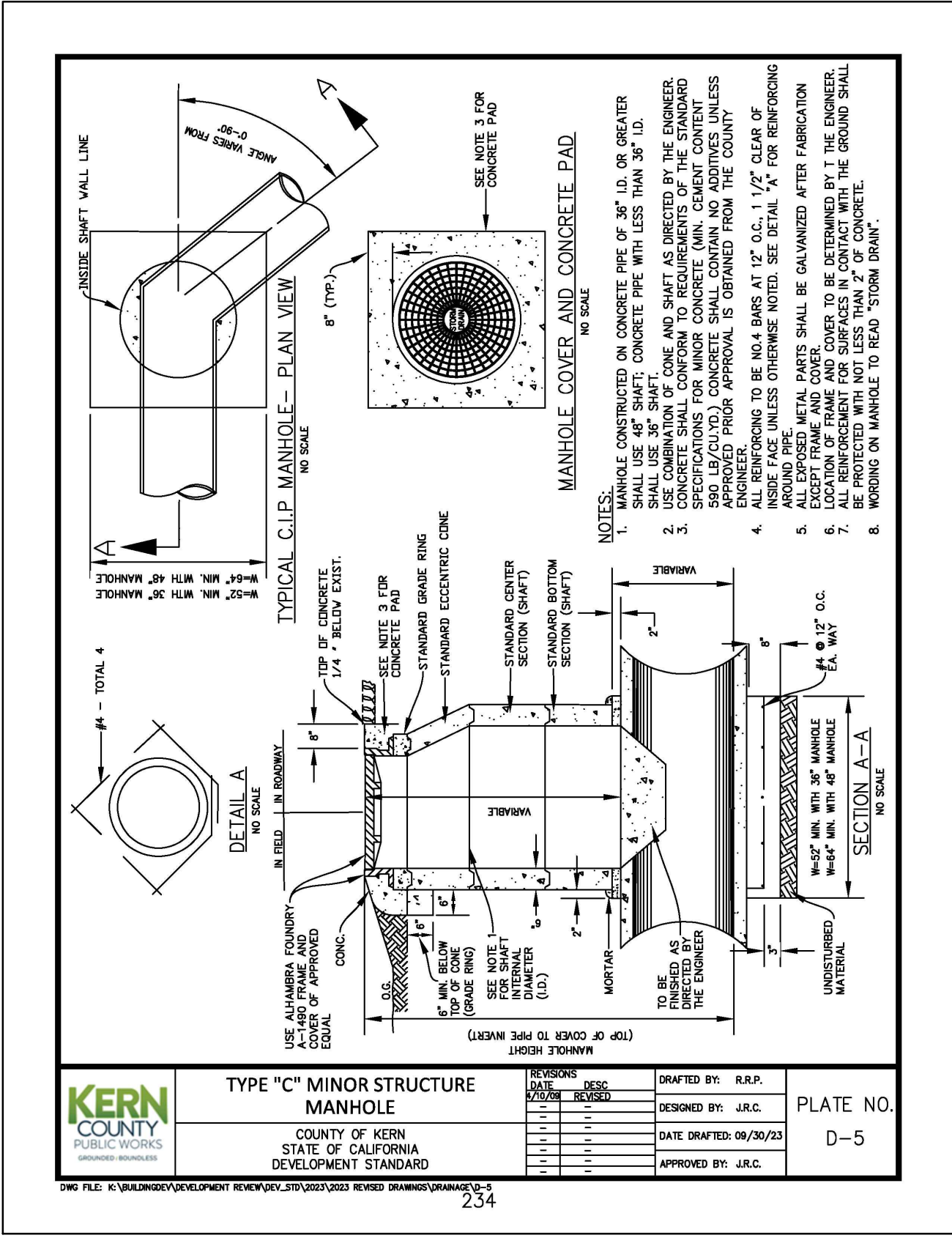
23. CONTRACTOR TO VERIFY DIMENSIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS IN THE FIELD BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES THAT WILL AFFECT THE WORK TO EXISTING IMPROVEMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.

24. GENERAL SITE PREPARATION: APPROXIMATELY 1 FOOT OF FILL MATERIAL, WAS ENCOUNTERED WITHIN SEVERAL OF THE SOIL BORINGS DRILLED AT THE SITE. THE FILL MATERIAL, PREDOMINANTLY CONSISTED OF SILTY SAND. THE THICKNESS AND EXTENT OF FILL MATERIAL WAS BASED ON LIMITED TEST BORINGS AND VISUAL OBSERVATION. THEREFORE, FILL MAY BE PRESENT AT THE SITE. THE FILL SOILS SHALL BE EXCAVATED AND STOCKPILED SO THAT THE NATIVE SOILS CAN BE PREPARED PROPERLY. PRELIMINARY TESTING INDICATES THE FILL MATERIAL MAY BE SUITABLE FOR REUSE AS ENGINEERED FILL, PROVIDED IT IS CLEANED OF EXCESSIVE ORGANICS, DEBRIS, AND FRAGMENTS LARGER THAN 4 INCHES IN MAXIMUM DIMENSION. FILL SOILS, WHENWETTERED WITH ASPHALTIC CONCRETE, WILL NOT BE SUITABLE FOR RE-USE IN BUILDING AREAS, BUT MAY BE USED IN PAVEMENT AREAS, PROVIDED IT IS CLEANED OF EXCESSIVE ORGANICS, DEBRIS, AND FRAGMENTS LARGER THAN 4 INCHES IN MAXIMUM DIMENSION. PRIOR TO BACKFILLING, THE SOILS ENGINEER SHOULD INSPECT THE BOTTOM OF THE EXCAVATION TO VERIFY NO ADDITIONAL REMOVAL IS REQUIRED.

BUILDING PAD PREPARATION: IN ORDER TO PROVIDE UNIFORM FOUNDATION SUPPORT, FOLLOWING STRIPPING OPERATIONS, FILL REMOVAL, AND EXCAVATION ACTIVITIES, THE UPPER 12 INCHES OF UNDERLIEING EXPOSED NATIVE SOILS WITHIN THE PROPOSED BUILDING AREAS SHALL BE EXCAVATED, WORKED UNTIL UNIFORM AND FREE FROM LARGE CLUMPS, MOISTURE CONFINED TO AT OR ABOVE NORMAL MOISTURE CONTENT, AND RECOMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DENSITY BASED ON ASTM TEST METHOD D1557. IN ADDITION, THE PROPOSED STRUCTURE FOUNDATIONS AND FLOOR SLABS SHALL BE SUPPORTED BY A MINIMUM OF 12 INCHES OF ENGINEERED FILL OVER EXCAVATION SHALL EXTEND A MINIMUM OF 3 FEET BEYOND STRUCTURAL ELEMENTS. PRIOR TO BACKFILLING, THE BOTTOM OF THE EXCAVATION SHALL BE PROOF-ROLLED AND OBSERVED BY THE SOILS ENGINEER TO VERIFY STABILITY. THIS COMPACTION EFFORT SHOULD STABILIZE THE SURFACE SOILS AND LOCATE ANY UNSUITABLE OR PLANT AREAS NOT FOUND DURING THE FIELD EXCAVATION. SOFT OR PLANT AREAS SHALL BE EXCAVATED TO FIRM NATIVE GROUND. ALL FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DENSITY BASED ON ASTM TEST METHOD D1557, WORK TO LINES AT LEAST FIVE (5) FEET BEYOND THE OUTSIDE EDGES OF EXTERIOR FOOTINGS AND TWO (2) FEET BEYOND PAVEMENT EDGES.

25. PAVEMENT AND DRIVEWAY AREA PREPARATION: GROUND SURFACES TO RECEIVE CONCRETE DRIVEWAY AND DRIVEWAYS PAVEMENTS SHALL BE SCARIFIED AND COMPACTED TO A MINIMUM DEPTH OF 12 INCHES BELOW THE GRADING PLANE IN CUT AREAS OR TO 12 INCHES IN AREAS TO RECEIVE ASPHALTIC CONCRETE. ALL PAVED AREAS SHALL BE COMPACTED TO A MINIMUM OF 90 PERCENT OF THE MAXIMUM DENSITY AS OBTAINED BY ASTM TEST METHOD D1557, AND SHALL EXTEND TO A MINIMUM OF TWO FEET BEYOND THE OUTSIDE EDGES OF PAVEMENT.

26. ALL TRENCHES AND EXCAVATIONS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE REGULATIONS OF CALIFORNIA AND FEDERAL OSHA REQUIREMENTS AND OTHER APPLICABLE SAFETY ORDINANCES. CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR TRENCH SHIELDING DESIGN AND INSTALLATION. CONTRACTORS SHALL OBTAIN APPLICABLE OSHA PERMITS WHEN WORKING MUST ENTER TRENCHES GREATER THAN FIVE FEET.



These drawings, related specifications, items, designs and arrangements represented hereby are and shall remain the property of the Architect and are to be used only for the project, location, to which used in connection with any work or project after the the specific project and the time have been specified and approved, without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive evidence of such methods.



A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

SEC. 02 OF DOWNING AVE & WEAR ST

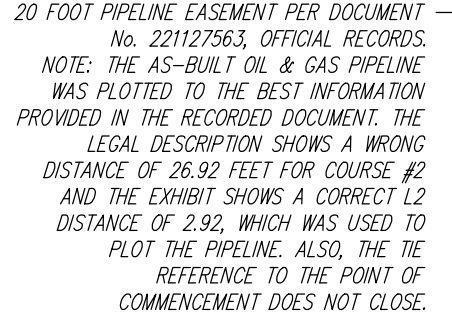
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
1/22/25	GRADING PERMIT

REVISION	DESCRIPTION
01/25/25	ADD/CHANGE

JOB	DATE
01/25/25	01/25/25

GRADING DETAILS



A horizontal number line is shown with tick marks at intervals of 10, labeled -20, -10, 0, 10, 20, 30, and 40. The line is divided into segments of length 10 units each. The segments are shaded in an alternating pattern: the segment from -20 to -10 is shaded, -10 to 0 is unshaded, 0 to 10 is shaded, 10 to 20 is unshaded, 20 to 30 is shaded, and 30 to 40 is unshaded.

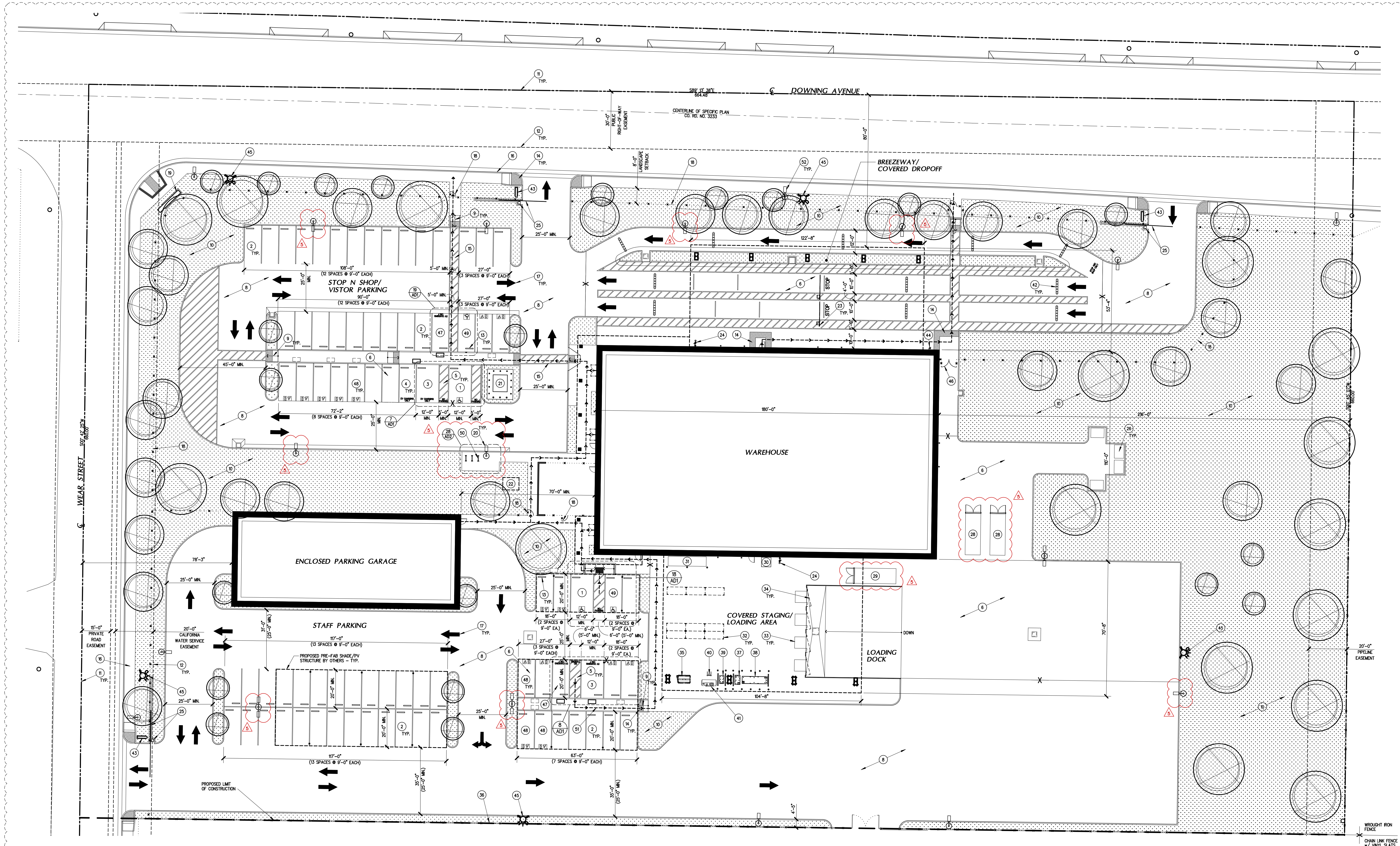
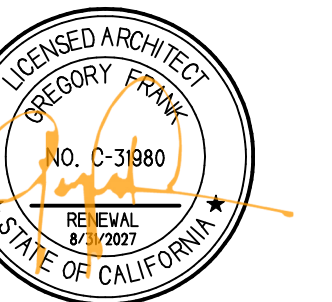
SITE UTILITY PLAN

2000 Oak Street, Suite 150 ~ Bakersfield, CA 93301
p:(661) 831-4919; f:(661) 873-4777

UTILITY TRENCH

FIRE WATER

SEPTIC NOTE

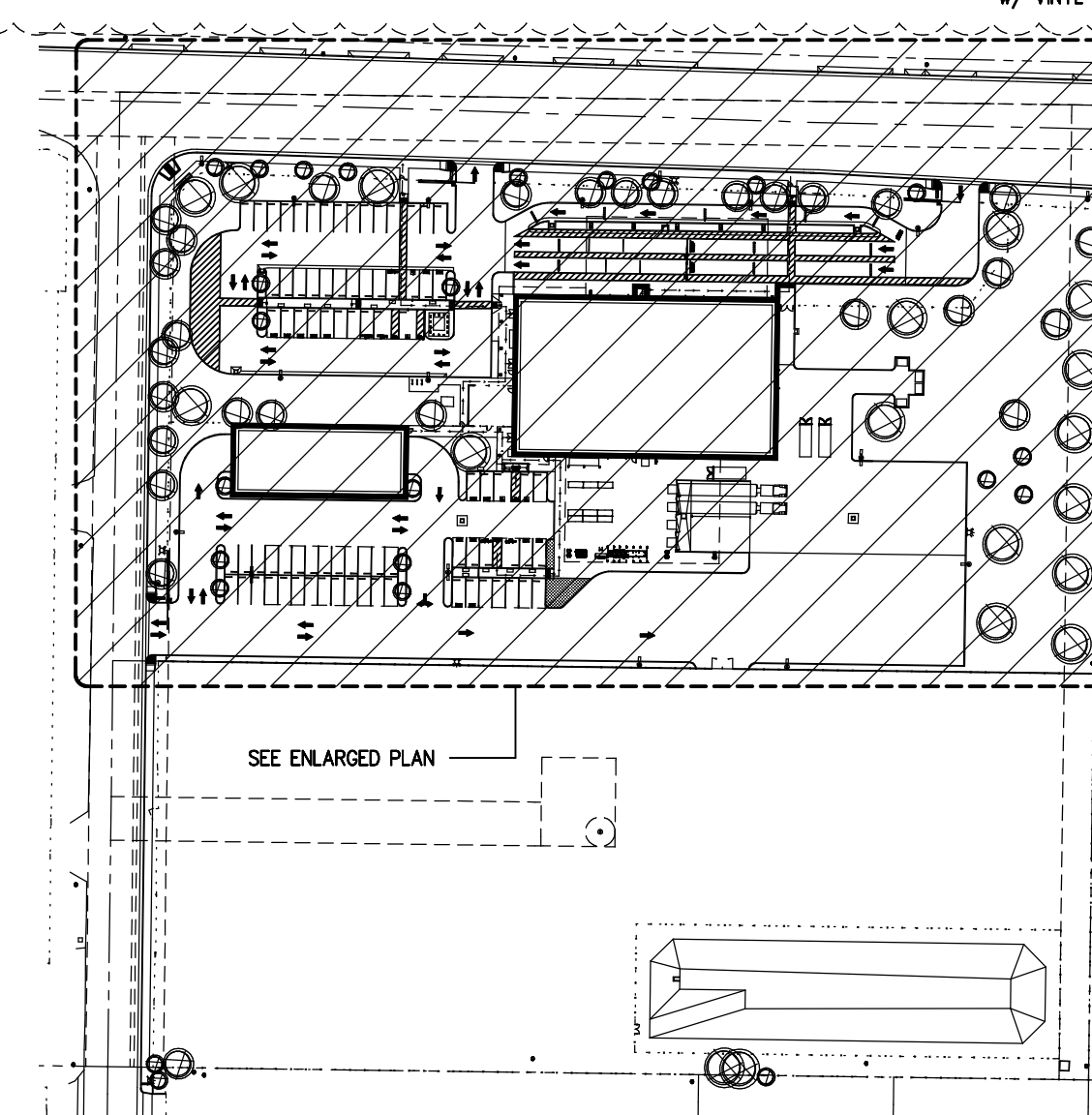


SITE PLAN

SITE KEY NOTES

- 12'-0" WIDE x 20'-0" DEEP VAN ACCESSIBLE PARKING STALL - PROVIDE 3x3 PAINTED SYMBOL (SEE DETAIL 5/ADT) AND POLE MOUNTED SIGN (SEE DETAIL 5/ADT) - PER COUNTY, ADA & TITLE24 STANDARDS
- 9'-0" WIDE x 20'-0" DEEP PARKING STALL PER COUNTY STANDARDS
- 9'-0" WIDE x 20'-0" VAN ACCESSIBLE DEEP ELECTRIC VEHICLE CHARGING STATION PER CITY & CALGREEN STANDARDS - PROVIDE "CHARGEPOINT" "CHARGEPOINT" LEVEL 2 EV CHARGER w/ J1772 OR J3400 CONNECTOR OR APPROVED EQUAL - VERIFY w/ ELECTRICAL
- 9'-0" WIDE x 20'-0" DEEP ELECTRIC VEHICLE CHARGING STATION PER CITY & CALGREEN STANDARDS - PROVIDE LEVEL 2 EV CHARGER w/ J1772 OR J3400 CONNECTOR OR APPROVED EQUAL - VERIFY w/ ELECTRICAL
- 5'-0" WIDE ACCESSIBLE AISLE - PER COUNTY, ADA & TITLE24 STANDARDS
- CONCRETE PAVING
- 6" HIGH CONCRETE CURB
- MIN. 2" TYPE B2 A.C. PAVING OVER 3" CLASS 1 AGGREGATE BASE PER CITY STANDARDS
- ACCESSIBLE CURB RAMP - SLOPE NOT TO EXCEED 2% - PROVIDE A 48"x48" MINIMUM LANDING AT TOP AND BOTTOM OF RAMP - PER ADA & TITLE24 STANDARDS (SEE DETAIL AD2 AND 13)
- LANDSCAPE AREA - SEE LANDSCAPE PLANS
- PROPERTY LINE
- EASEMENT LINE
- CONCRETE PARKING BUMPER
- SHADE AREA REPRESENTS LOCATION OF TRUNCATED DOMES - SEE DETAIL 11/ADT FOR ADDITIONAL INFORMATION
- ACCESSIBLE CROSSING - 48" MINIMUM WIDTH w/ CROSS SLOPE NOT TO EXCEED 2% - PAINT 4" WIDE STRIPES AT 30' O.C. AT 45°
- 5'-0" WIDE CONCRETE SIDEWALK, CURB AND GUTTER
- LATEX BNN
- 8'-0" HIGH WROUGHT IRON FENCE AND 3'-0" WIDE GATE WHERE SHOWN - SEE DOOR NOTES & DETAIL 22/AD2 FOR REQUIRED GATE CLEARANCES
- 26' EXPLOSIVE LOCKERS PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- NOT USED
- GARBAGE BIN
- LATEX BNN
- IN-GROUND ALL-WEATHER LOW PROFILE FLOOR SCALE w/ GAS - SPRING LIFTS
- PROPANE CAGE PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- PALLET RACKS PROVIDED BY AND INSTALLED BY CONTRACTOR
- DOCK LEVELER
- SWING-UP ARM DOCK SECURITY GATE
- BALER PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- 6'-0" HIGH CHAIN LINK FENCE w/ VINYL SLATS
- SMALL OIL P.D. PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- LARGE OIL P.D. PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- ANTIFREEZE P.D. PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- OIL FILTER CRUSHER PROVIDED BY OWNER, INSTALLED BY CONTRACTOR
- TRAFFIC ARM PROVIDED BY CONTRACTOR, INSTALLED BY CONTRACTOR
- EYEWASH STATION PROVIDED BY CONTRACTOR, INSTALLED BY CONTRACTOR
- 8'-0" HIGH WROUGHT IRON ROLLING GATE w/ GATE MOTOR
- 5'-0" WIDE x 4'-2" HIGH MONUMENT SIGN WITH CONCRETE BASE - SEE DETAIL 13/ADT
- FIRE SPRINKLER RISER
- NEW FIRE HYDRANT LOCATION - SEE CIVIL PLAN
- 6'-0" WIDE WROUGHT IRON GATE
- 9'-0" WIDE x 20'-0" STANDARD ACCESSIBLE DEEP ELECTRIC VEHICLE CHARGING STATION PER CITY & CALGREEN STANDARDS - PROVIDE "CHARGEPOINT" "CHARGEPOINT" LEVEL 2 EV CHARGER w/ J1772 OR J3400 CONNECTOR OR APPROVED EQUAL - VERIFY w/ ELECTRICAL
- 9'-0" WIDE x 20'-0" DEEP EV CAPABLE PARKING STALL
- 9'-0" WIDE x 20'-0" DEEP STANDARD ACCESSIBLE PARKING STALL - PROVIDE 3x3 PAINTED SYMBOL (SEE DETAIL 5/ADT) AND POLE MOUNTED SIGN (SEE DETAIL 5/ADT) - PER COUNTY, ADA & TITLE24 STANDARDS
- SHORT TERM BICYCLE PARKING RACKS PER CALGREEN SECTION 5.106.4.11
- DASHED LINE DENOTES PATH OF TRAVEL FROM PUBLIC RIGHT OF WAY - 48" MINIMUM WIDTH w/ RUNNING SLOPE NOT TO EXCEED 2% & CROSS SLOPE NOT TO EXCEED 2%
- POLE MOUNTED STREET LIGHT PER COUNTY STANDARDS - SEE STREET PLANS FOR ADDITIONAL INFORMATION

20'



KEY PLAN

N.S.

A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

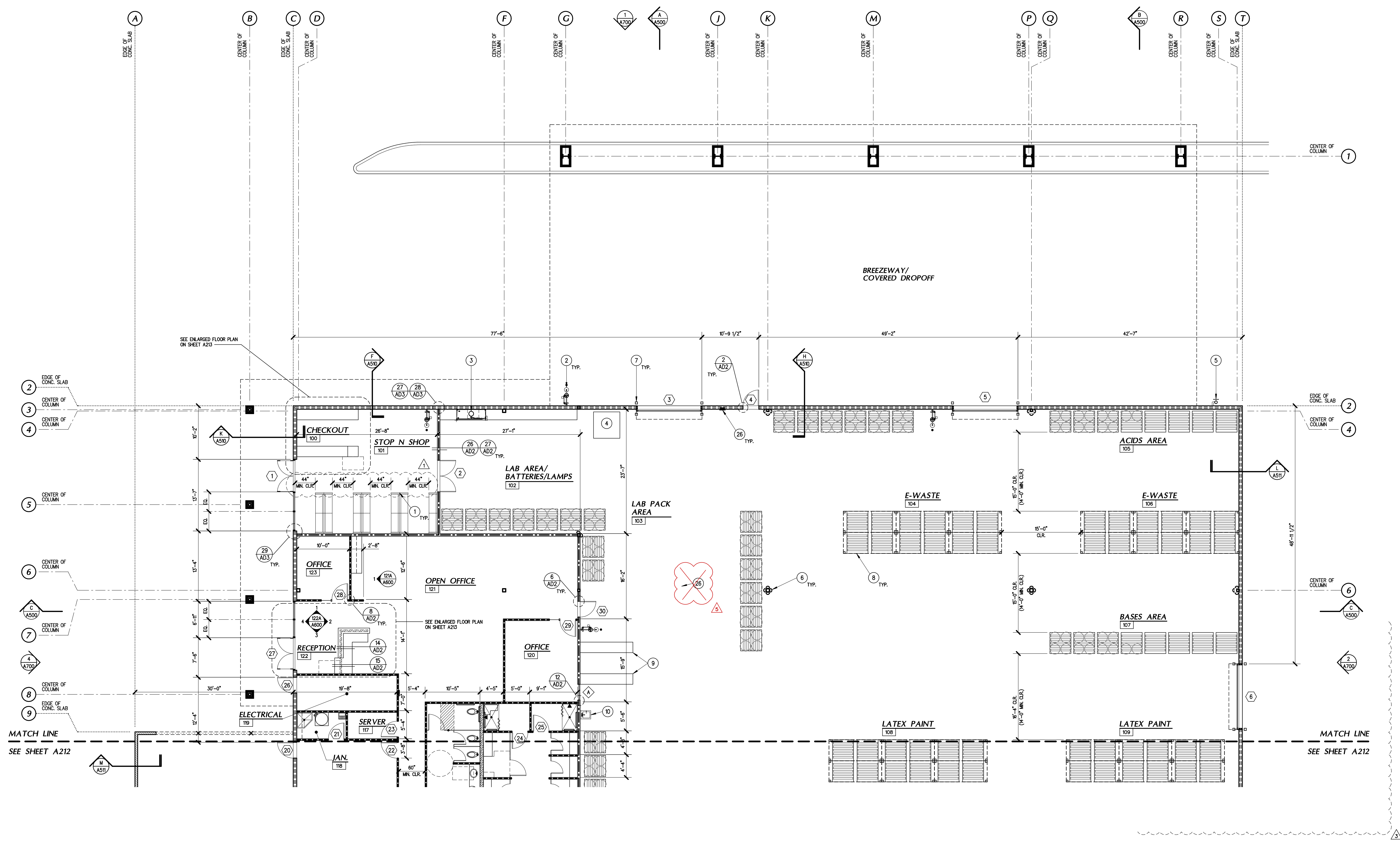
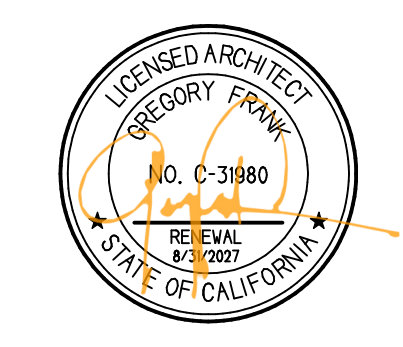
SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITTAL
9-16-2025	BUILDING DEPARTMENT COMPLIANCE
10-30-2025	BUILDING DEPARTMENT COMPLIANCE

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE
11-08-25	ADDENDUM #2
12-28-25	ADDENDUM #3

JOB	7005
DP	ACJ/N
PM	GUF
	A100B

These drawings, related specifications, ideas, designs and arrangements represent hereby are and shall remain the property of the Architect and no part thereof shall be copied, reproduced or used in connection with any work or project other than the specific project which they have been prepared and developed without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these restrictions.



ENLARGED FLOOR PLAN - NORTH

1/8"

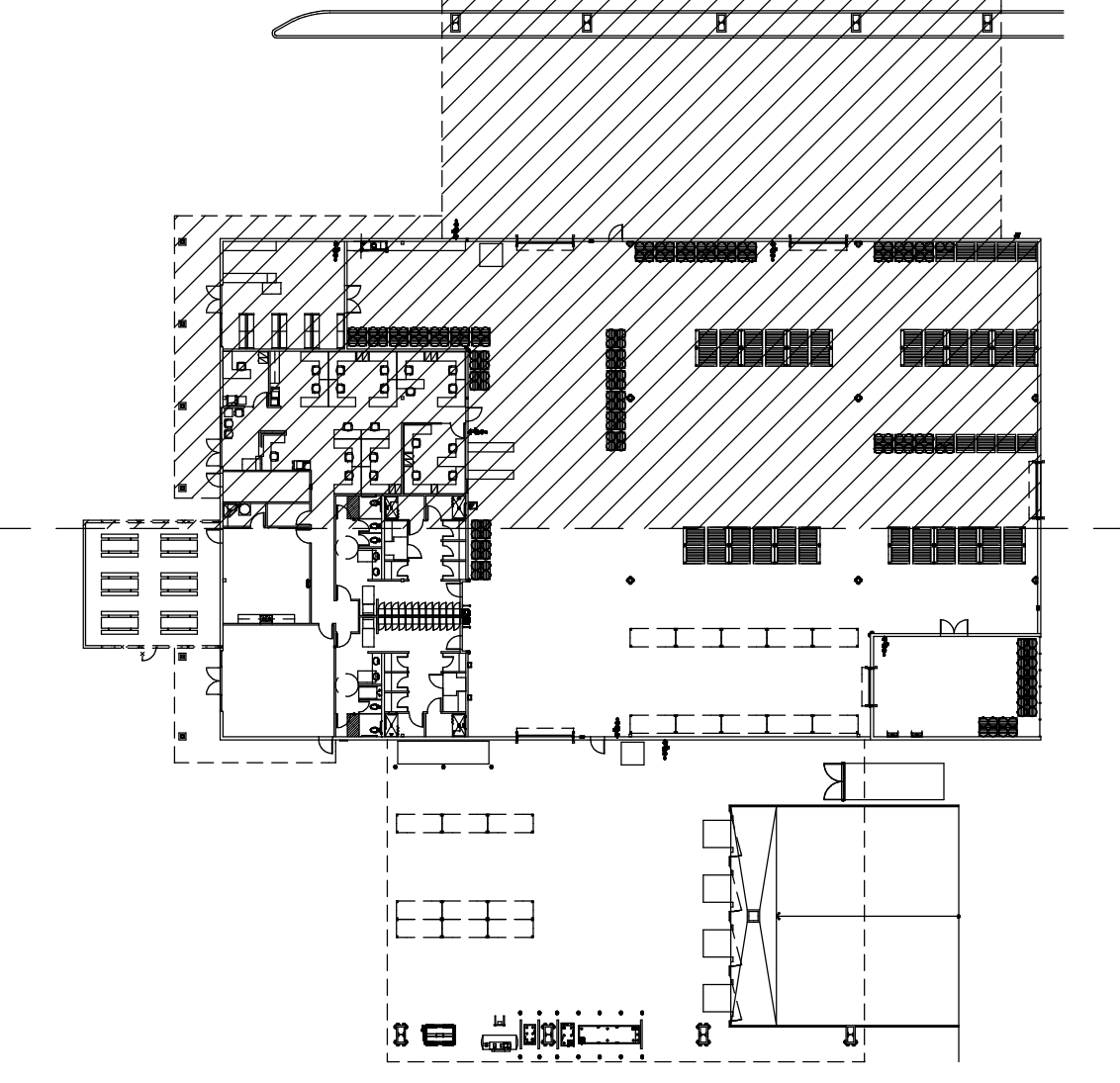
- WALL LEGEND**
- 2x4 WOOD STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD EACH SIDE - TOP @ 48" ABOVE ADJACENT CEILING
 - 1-HOUR FIRE BARRIER CONSTRUCTED IN ACCORDANCE WITH UL-LISTED DESIGN V111 - 2x4 WOOD STUDS @ 16" O.C. - 1 LAYER 5/8" THICK GYPSUM BOARD PANEL EACH SIDE FROM FLOOR TO STRUCTURE ABOVE
 - 2x4 WOOD STUDS @ 16" O.C. w/ 2" ACP SPAN PANELS EACH SIDE
 - 2x4 WOOD STUDS @ 16" O.C. OVER 48" POURED IN PLACED CONCRETE WAINSCOT w/ 2" ACP SPAN PANELS @ EXTERIOR
 - 2x4 WOOD STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD EACH SIDE w/ BATT INSULATION FOR SOUND - TOP @ 48" ABOVE ADJACENT CEILING
 - 3-HOUR FIRE BARRIER - 3-HOUR FIRE BARRIER - 8" POURED IN PLACE CONCRETE WALL
 - 3x4 WOOD STUDS @ 16" O.C. OVER 48" POURED IN PLACED CONCRETE WAINSCOT w/ 2" ACP SPAN PANELS @ EXTERIOR
 - 4 "KINNEPS" SEALED CAM ALUMINUM STOREFRONT SYSTEM w/ DARK BRONZE FINISH w/ CENTER LOADED 1" DUAL GLAZING BY TYP. CLEAR w/ SOLARSCREEN OVER "SOLARBART" 700L (1/4" GLASS/1/2" AIR SPACE w/ 474/555) - THE U-VALUE FOR GLAZING SHALL BE 0.25 MIN.
 - EXFLOSION RELIEF PANELS - POLYCARBONATE PANEL IN ALUMINUM FRAME

- FLOOR PLAN NOTES**
- UNLESS OTHERWISE NOTED, PLAN DIMENSIONS SHALL BE TO FACE OF STUDS, CENTRLINES OF COLUMN GRID, NOMINAL SURFACE OF MASONRY AND FACE OF CONCRETE WALLS. NOTES TO ENLARGED FLOOR PLANS FOR REQUIRED CLEAR FLOOR SPACE DIMENSIONS, THE MOST RESTRICTIVE DIMENSION AND/OR CLEARANCE SHALL GOVERN.
 - INSTALL 5/8" MOISTURE RESISTANT WALL BOARD BEHIND ALL PLUMBING FIXTURE LOCATIONS.
 - ALL NEW GYPSUM BOARD SHALL HAVE METAL 90° CLINCH-ON CORNER BEAD - FLOAT FINISH TO PROVIDE A SMOOTH TRANSITION.
 - PROVIDE HORIZONTAL BACKING FOR CABINETRY SHELVING AND ACCESSORIES AS REQUIRED - REFER TO DETAIL 8/AD2 FOR ADDITIONAL INFORMATION AND/OR CLEARANCE SHALL GOVERN.
 - INSTALL R-21 BATT INSULATION IN FRAMING AT ALL NEW EXTERIOR WALLS.
 - INSTALL R-17 BATT INSULATION AT ROOF DECK OF CONDITIONED SPACES OR APPROVED EQUAL.
 - ALL THERMAL WALL INSULATION SHALL EXTEND TO ROOF INSULATION FOR A CONTINUOUS ENVELOPE.
 - INSTALL BATT INSULATION AT MEN & WOMEN CEILING AND WALLS FOR SOUND.
 - INSTALL BATT INSULATION FOR SOUND AT ALL NEW PARTITIONS.
 - REFER TO STRUCTURAL DRAWINGS FOR SLAB THICKNESS AND REINFORCING REQUIREMENTS. PROVIDE 15 MIL STEEL WRAP VAPOR BARRIER.
 - PROVIDE "HAPRODOK 20/20" CONCRETE ADHESIVE FOR WATERPROOFING BY SPECIALTY PRODUCTS GROUP SPO® OR APPROVED EQUAL.
 - PROVIDE TERMIT PRE-TREATMENT CONTROL TO SOILS SURROUNDING FOUNDATION.
 - PROVIDE THREE (3) FIRE EXTINGUISHERS IN SEMI-RECESSED CABINETS - SEE PLAN FOR LOCATIONS.
 - INTERIOR GLAZING SHALL BE CLEAR w/ DECORATIVE FILM - VERIFY PATTERN w/ ARCHITECT

- FLOOR PLAN NOTES (CONTINUED)**
- IN ASSEMBLY SPACES AND CONFERENCE ROOMS: PROVIDE ASSISTIVE - LISTENING SYSTEMS PER CBC 1B-25. MINIMUM NUMBER OF RECEIVERS PROVIDED TO BE 4% OF SEATS, BUT IN NO CASE LESS THAN TWO. TWENTY-FIVE PERCENT MINIMUM OF RECEIVERS PROVIDED, BUT NO FEWER THAN TWO, SHALL BE HEARING-AID COMPATIBLE IN ACCORDANCE WITH SECTION 1B-700.3. IF THE ASSISTIVE LISTENING SYSTEM PROVIDED IS LIMITED TO SPECIFIC AREAS OF SEATING, THEN SUCH AREAS OR SEATS TO BE WITHIN A 50 FOOT VIEWING DISTANCE OF THE PERFORMING AREA. A SIGN SHALL BE POSTED IN A PROMINENT PLACE INDICATING THE AVAILABILITY OF ASSISTED LISTENING DEVICES. THE SIGN SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS AND WORKING THAT STATES "ASSISTIVE-LISTENING SYSTEM AVAILABLE. - INSTALL ASSISTIVE LISTENING DEVICE UP-201-072-07 IF 3-CH. CHANNEL BY "LISTEN TECH" OR APPROVED EQUAL.
 - FLOOR SURFACE IS REQUIRED TO BE SLIP-RESISTANT.
 - ALL CONCRETE SAW CUTS SHALL BE REINFORCED WITH 12" LONG #4 REBAR DOWN @ 32" O.C. STAGGER EACH SIDE - SAVED EACH DOWEL IF INTO THE EXISTING CONCRETE SLAB - THE NEW CONCRETE SLAB THICKNESS SHALL MATCH THE EXISTING CONCRETE SLAB THICKNESS - VAPOR BARRIER AND SAND FILL SHALL MATCH THAT OF THE EXISTING CONCRETE SLAB
 - SEE DETAIL 22/AD2 FOR REQUIRED DOOR CLEARANCES
 - QUANTITIES OF FLAMMABLE MATERIALS STORED IN FLAMMABLE BUILDING ROOM 110 SHALL EXCEED THE QUANTITIES LISTED IN CBC TABLE 307.1(1) AND 307.1(2).
 - PER CBC 415.9.11 WHERE THE STORAGE TANK AREA IS LOCATED IN A BUILDING OF TWO OR MORE OCCUPANCIES AND THE QUANTITY OF LIQUID EXCEEDS THE MAXIMUM ALLOWABLE QUANTITY FOR ONE CONTROL AREA, THE USE SHALL BE COMPLETELY SEPARATED FROM ADJACENT OCCUPANCIES IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 415.9.4.
 - PER CBC 415.9.14, A LIQUID-TIGHT CONTAINMENT AREA COMPATIBLE WITH THE STORED LIQUID SHALL BE PROVIDED. THE METHOD OF SPILL CONTROL, DRAINAGE CONTROL, AND SECONDARY CONTAINMENT SHALL BE IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE.
 - PREVENTION, CONTROL AND MITIGATION OF DANGEROUS CONDITIONS RELATED TO STORAGE, USE, DISPENSING, MIXING AND HANDLING OF FLAMMABLE AND COMBUSTIBLE LIQUIDS SHALL BE IN ACCORDANCE WITH CALIFORNIA FIRE CODE CHAPTER 50 & 57.
 - FOR MAXIMUM EXPECTED QUANTITIES OF HAZARDOUS MATERIALS, PLEASE REFERENCED "PERMIT BY RULE" REVIEW NOTIFICATION PROVIDED BY OWNER.

- WINDOW SCHEDULE**
- PROVIDE ALL HARDWARE FOR A COMPLETE INSTALLATION
- 3040 FIXED GLASS, DUAL GLAZED VINYL FRAME WINDOW
 - 80700 FIXED GLASS, CLERESTORY DUAL GLAZED VINYL FRAME WINDOW - SEE EXTERIOR ELEVATIONS
- KEY NOTES**
- SHELVING UNITS BY "LINE" OR APPROVED EQUAL
 - EYE WASH AND SHOWER STATIONS
 - FUME HOOD PROVIDED AND INSTALLED BY CONTRACTOR
 - IN-GROUND SCALE PROVIDED AND INSTALLED BY CONTRACTOR
 - FIRE SPRINKLER RISER
 - COLUMN PROTECTOR - 4 EA. PER COLUMN UNCO. MODEL# WG-CP BY "WILDECK" OR EQUAL - INSTALL PER MANUFACTURER REQUIREMENTS
 - 4" 5" x 5" BOLLARDS AT EX. ROLLUP OR OPENING MODEL# WG-26 BY "WILDECK" OR EQUAL - INSTALL PER MANUFACTURER REQUIREMENTS
 - PALLET RACKS PROVIDED AND INSTALLED BY CONTRACTOR
 - PERSONAL PROTECTIVE EQUIPMENT LOCKER
 - HAND SINK
 - 18"x18" LOCKERS
 - WASHER/DRYER SPACE
 - FUTURE FORKLIFT CHARGING STATIONS
 - PROPANE CAGE
 - TRUCK DOCK LEVELERS - "KELLY" "2PK 6X205" w/ "KELLY" "14X3000" VEHICLE RESTRAINTS INSTALL PER MANUFACTURER REQUIREMENTS

- KEY NOTES (CONTINUED)**
- TRUCK BUMPER - "KELLY" "VB620-1F-3F" INSTALL PER MANUFACTURER REQUIREMENTS
 - LATEX STORAGE BIN
 - SWING-UP ARM DOCK SECURITY GATE PROVIDED AND INSTALLED BY CONTRACTOR
 - OIL TANK (SMALL) - PROVIDED BY OWNER
 - OIL TANK (LARGE) - PROVIDED BY OWNER
 - ANTIFREEZE TANK - PROVIDED BY OWNER
 - OIL FILTER CRUSHER - PROVIDED BY OWNER
 - AIR COMPRESSOR - PROVIDED BY OWNER
 - BALER - PROVIDED BY OWNER
 - ROOF ACCESS LADDER
 - MINIMUM 44 RATED FIRE EXTINGUISHERS - "ACTIVAR" "100V10" 3" ROLLED TRM SEMI-RECESSED CABINET OR APPROVED EQUAL
 - SCHEDULE 40 GALVANIZED PIPE BOLLARDS, 48" TALL w/ 48" BURY - FILL w/ CONCRETE
- DESIGN CAPACITY**
- | AREA | DRUMS | PALLET/CY |
|---------------|-------|-----------|
| BULKING ROOM: | 24 | 6 |
| LAPACKS: | 96 | 29 |
| ACIDS: | 14 | 8 |
| BASES: | 14 | 8 |
| E-WASTE: | 0 | 72 |
| LATEX: | 0 | 72 |
| TOTAL: | 148 | 195 |



KEY PLAN

N.S.

A NEW BUILDING FOR:



**KERN COUNTY
SPECIAL WASTE
FACILITY**

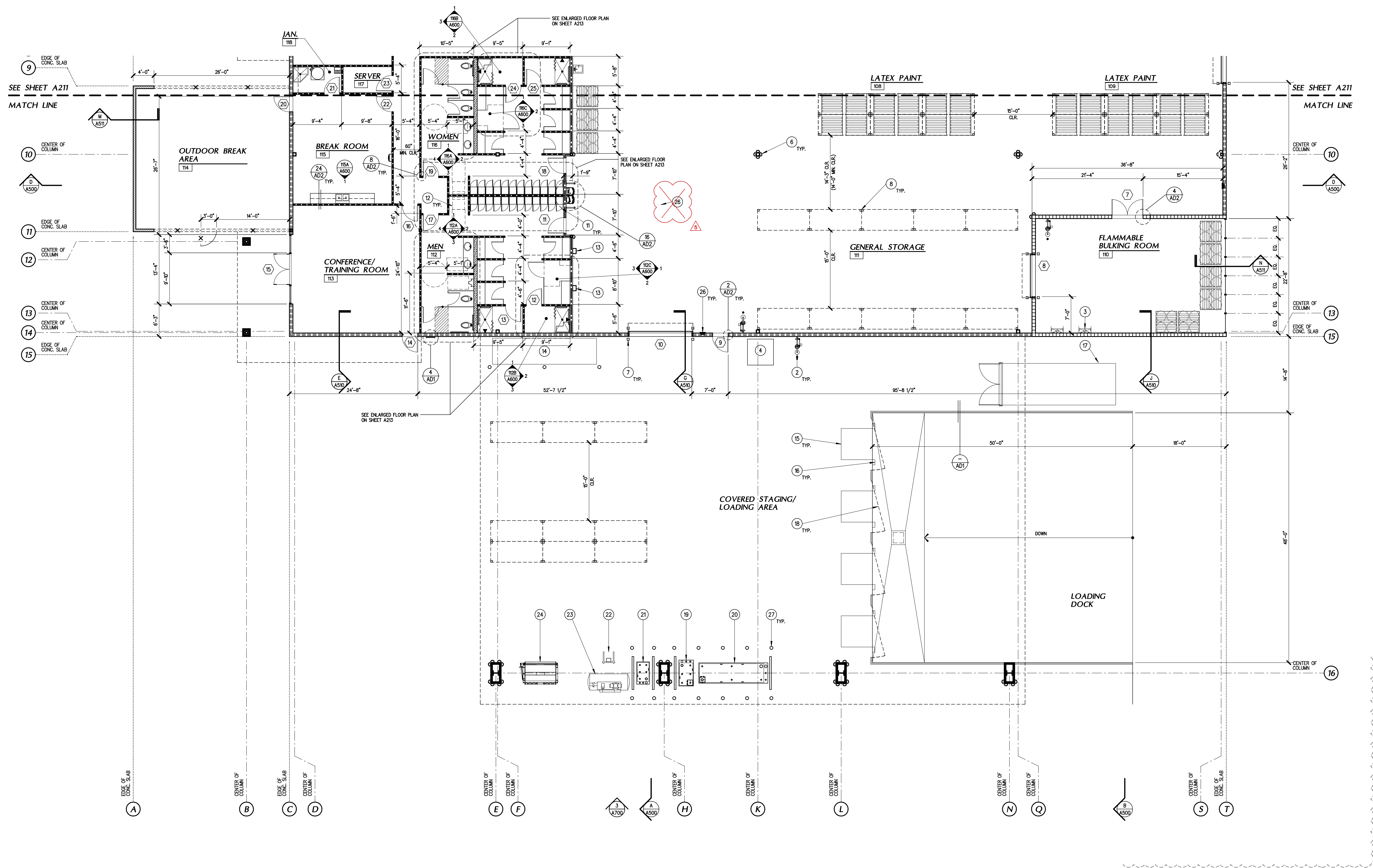
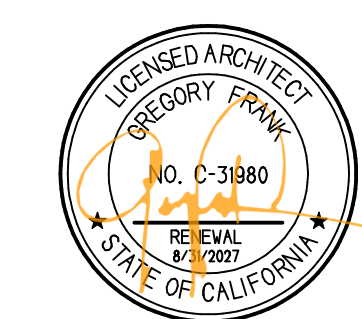
SEC. OF DOWNING AVE
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DATE	ISSUED FOR
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REVISION	DESCRIPTION
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12-20-25	ADDENDUM #3

JOB 7005	A211B
DP AC/JV	
PM GUF	

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ENLARGED FLOOR PLAN - SOUTH

1/8"

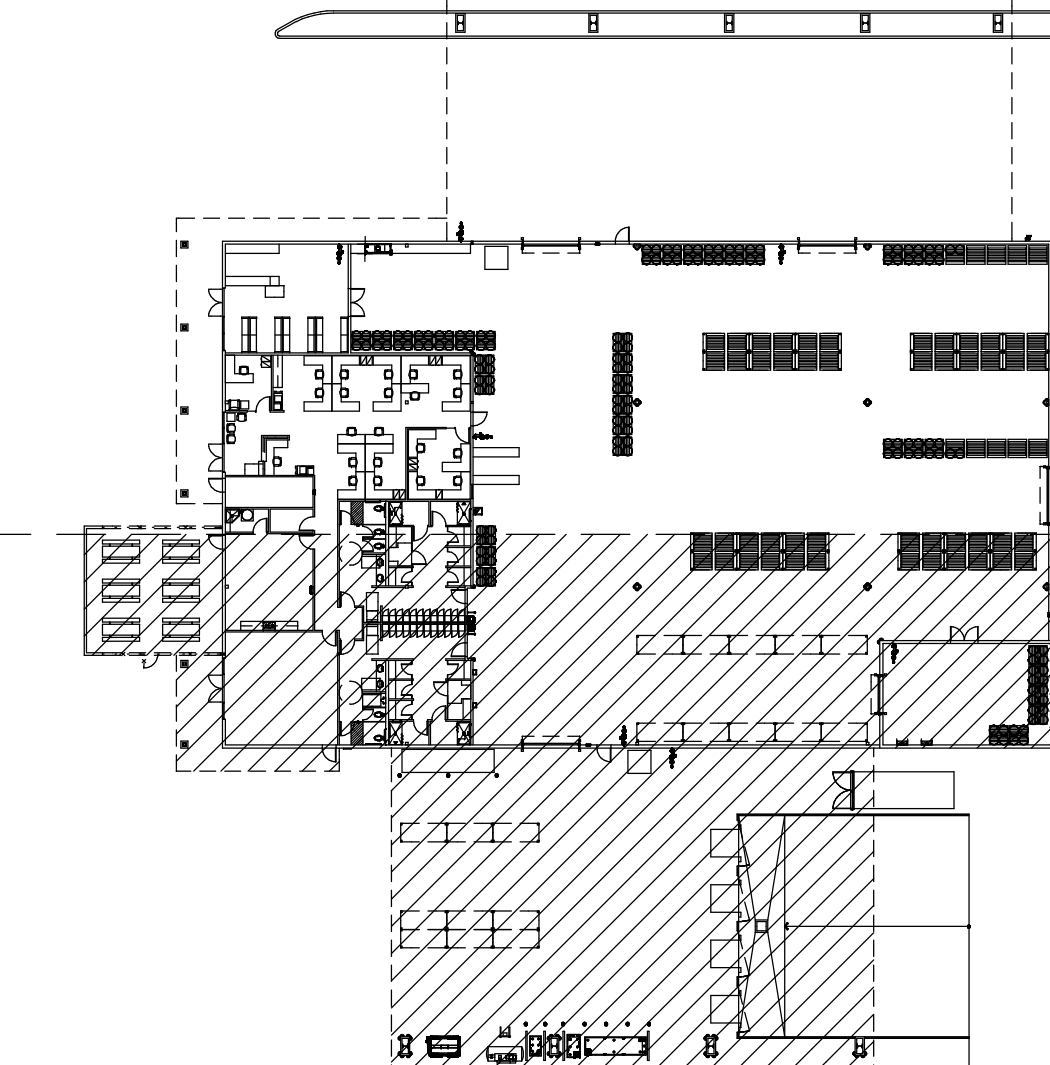
- WALL LEGEND**
- 2x4 WOOD STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD EACH SIDE - TOP @ +4" ABOVE ADJACENT CEILING
 - 1-HOUR FIRE BARRIER CONSTRUCTED IN ACCORDANCE WITH UL-LISTED DESIGN WITH -2x6 WOOD STUDS @ 16" O.C. - 1 LAYER 5/8" THICK GYPSUM BOARD PANEL EACH SIDE FROM FLOOR TO STRUCTURE ABOVE
 - 2x6 WOOD STUDS @ 16" O.C. w/ 2" AEP SPAN PANELS EACH SIDE
 - 2x4 WOOD STUDS @ 16" O.C. OVER 48" POURED IN PLACED CONCRETE WAINSCOT w/ 2" AEP SPAN PANELS @ EXTERIOR
 - 2x6 WOOD STUDS @ 16" O.C. w/ 5/8" GYPSUM BOARD EACH SIDE w/ BATT INSULATION FOR SOUND - TOP @ +4" ABOVE ADJACENT CEILING
 - 3-HOUR FIRE BARRIER - 3-HOUR FIRE BARRIER - 8" POURED IN PLACE CONCRETE WALL
 - 3x6 WOOD STUDS @ 16" O.C. OVER 48" POURED IN PLACED CONCRETE WAINSCOT w/ 2" AEP SPAN PANELS @ EXTERIOR
 - 4 "KANESE" SEALED CAM ALUMINUM STOREFRONT SYSTEM w/ DARK BRONZE FINISH w/ CENTER LOADED DUAL GLAZING BY TYP. CLEAR w/ SOLARPROTECT OVER "SOLARBAIT 700L" (1/4" GLASS) 1/2" AIR SPACE w/ 4" GLASS - THE U-VALUE FOR GLAZING SHALL BE 0.25 MIN.
 - EXFLOSION RELIEF PANELS - POLYCARBONATE PANEL IN ALUMINUM FRAME

- FLOOR PLAN NOTES**
- UNLESS OTHERWISE NOTED, PLAN DIMENSIONS SHALL BE TO FACE OF STUDS, CENTERLINES OF COLUMN GRID, NOMINAL SURFACE OF MASONRY AND FACE OF CONCRETE WALLS. REFER TO ENLARGED FLOOR PLANS FOR REQUIRED CLEAR FLOOR SPACE DIMENSIONS. THE MOST RESTRICTIVE DIMENSION AND/OR CLEARANCE SHALL GOVERN.
 - INSTALL 5/8" MORTURE RESISTANT WALL BOARD BEHIND ALL PLUMBING FIXTURE LOCATIONS.
 - ALL NEW GYPSUM BOARD SHALL HAVE METAL 90° CLINCH-ON CORNER BEAD - FLOAT FINISH TO PROVIDE A SMOOTH TRANSITION.
 - PROVIDE HORIZONTAL BALKING FOR CABINETRY SHELVING AND ACCESSORIES AS REQUIRED - REFER TO DETAIL R/ADZ FOR ADDITIONAL INFORMATION.
 - INSTALL R-21 BATT INSULATION IN FRAMING AT ALL NEW EXTERIOR WALLS.
 - ALL THERMAL WALL INSULATION SHALL EXTEND TO ROOF INSULATION FOR A CONTINUOUS ENVELOPE.
 - INSTALL BATT INSULATION AT MEN & WOMEN CEILING AND WALLS FOR SOUND.
 - INSTALL BATT INSULATION FOR SOUND AT ALL NEW PARTITIONS.
 - REFER TO STRUCTURAL DRAWINGS FOR SLAB THICKNESS AND REINFORCING REQUIREMENTS PROVIDE 15 MI. STEEL WRAP VAPOR BARRIER.
 - PROVIDE "WATERPROOF 20/20" CONCRETE ADHESIVE FOR WATERPROOFING BY "SPECIALTY PRODUCTS GROUP SP-0" OR APPROVED EQUAL.
 - PROVIDE TERMITES PRE-TREATMENT CONTROL TO SOILS SURROUNDING FOUNDATION.
 - PROVIDE THREE (3) FIRE EXTINGUISHERS IN SEMI-RECESSED CABINETS - SEE PLAN FOR LOCATIONS.
 - INTERIOR GLAZING SHALL BE CLEAR w/ DECORATIVE FILM - VERIFY PATTERN w/ ARCHITECT

- FLOOR PLAN NOTES (CONTINUED)**
- IN ASSEMBLY SPACES AND CONFERENCE ROOMS: PROVIDE ASSISTIVE - LISTENING SYSTEMS PER CBC 1B-20. MINIMUM NUMBER OF RECEIVERS PROVIDED TO BE 4% OF SEATS, BUT IN NO CASE LESS THAN TWO. TWENTY-FIVE PERCENT MINIMUM OF RECEIVERS PROVIDED, BUT NO FEWER THAN TWO, SHALL BE HEARING-AID COMPATIBLE IN ACCORDANCE WITH SECTION 1B-700.3. IF THE ASSISTIVE LISTENING SYSTEM PROVIDED IS LIMITED TO SPECIFIC AREAS OF SEATING, THEN SUCH AREAS OF SEATING SHALL BE POSTED IN A PROMINENT PLACE INDICATING THE AVAILABILITY OF ASSISTED LISTENING DEVICES. THE SIGN SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS AND WORKING THAT STATES "ASSISTIVE-LISTENING SYSTEM AVAILABLE." - INSTALL ASSISTIVE LISTENING DEVICE UP-201-072-07 OF R-3 CHANNEL BY "LISTEN TECH" OR APPROVED EQUAL.
 - FLOOR SURFACE IS REQUIRED TO BE SLIP-RESISTANT.
 - ALL CONCRETE SAW CUTS SHALL BE REINFORCED WITH 12" LONG #4 REBAR DOWELS @ 32" O.C. STAGGER EACH SIDE - SAVED EACH DOWEL IF INTO THE EXISTING CONCRETE SLAB - THE NEW CONCRETE SLAB THICKNESS SHALL MATCH THE EXISTING CONCRETE SLAB THICKNESS - VAPOR BARRIER AND SAND FILL SHALL MATCH THAT OF THE EXISTING CONCRETE SLAB.
 - SEE DETAIL 22/ADZ FOR REQUIRED DOOR CLEARANCES.
 - QUANTITIES OF FLAMMABLE MATERIALS STORED IN FLAMMABLE BULKING ROOM TO EXCEED THE QUANTITIES LISTED IN CBC TABLE 307.1(i) AND 307.1(j).
 - PER CBC 415.8.11 WHERE THE STORAGE TANK AREA IS LOCATED IN A BUILDING OF TWO OR MORE OCCUPANCIES AND THE QUANTITY OF LIQUID EXCEEDS THE MAXIMUM ALLOWABLE QUANTITY FOR ONE OCCUPANCY, THE USE SHALL BE COMPLETELY SEPARATED FROM ADJACENT OCCUPANCIES IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 415.8.4.
 - PER CBC 415.8.14, A LIQUID-TIGHT CONTAINMENT AREA COMPATIBLE WITH THE STORED LIQUID SHALL BE PROVIDED. THE METHOD OF SPILL CONTROL, DRAINAGE CONTROL, AND SECONDARY CONTAINMENT SHALL BE IN ACCORDANCE WITH CALIFORNIA FIRE CODE CHAPTER 50 & 57.
 - FOR MAXIMUM EXPECTED QUANTITIES OF HAZARDOUS MATERIALS, PLEASE REFERENCE "PERMIT BY RULE" REQUIRED NOTIFICATION PROVIDED BY OWNER.

- WINDOW SCHEDULE**
- PROVIDE ALL HARDWARE FOR A COMPLETE INSTALLATION
- 3040 FIXED GLASS, DUAL GLAZED VINYL FRAME WINDOW
 - 8000 FIXED GLASS, CLERESTORY DUAL GLAZED VINYL FRAME WINDOW - SEE EXTERIOR ELEVATIONS
- KEY NOTES**
- SHIELFING UNITS BY "LUNE" OR APPROVED EQUAL
 - EYE WASH AND SHOWER STATIONS
 - FUME HOOD PROVIDED AND INSTALLED BY CONTRACTOR
 - IN-GROUND SCALE PROVIDED AND INSTALLED BY CONTRACTOR
 - FIRE SPRINKLER RISER
 - COLUMN PROTECTOR - 4 EA. PER COLUMN UNCO. MODEL# WG-CP BY "WILDECK" OR EQUAL - INSTALL PER MANUFACTURER REQUIREMENTS
 - 4" 5' x 5' BOLLARDS AT EX. ROLLUP OR OPENING MODEL# WG-26 BY "WILDECK" OR EQUAL - INSTALL PER MANUFACTURER REQUIREMENTS
 - PALLET RACKS PROVIDED AND INSTALLED BY CONTRACTOR
 - PERSONAL PROTECTIVE EQUIPMENT LOCKER
 - HAND SINK
 - 18"x18" LOCKERS
 - WASHER/DRYER SPACE
 - FUTURE FORKLEIFT CHARGING STATIONS
 - PROPANE CAGE
 - TRUCK DOCK LEVELERS - "KELLY" 6"X 6"X25" w/ "KELLY" 14X2000" VEHICLE RESTRAINTS INSTALL PER MANUFACTURER REQUIREMENTS

- KEY NOTES (CONTINUED)**
- TRUCK BUMPER - "KELLY" "V6020-RF-SF" INSTALL PER MANUFACTURER REQUIREMENTS
 - LATEX STORAGE BIN
 - SWING-UP ARM DOCK SECURITY GATE PROVIDED AND INSTALLED BY CONTRACTOR
 - OIL TANK (SMALL) - PROVIDED BY OWNER
 - OIL TANK (LARGE) - PROVIDED BY OWNER
 - ANTIFREEZE TANK - PROVIDED BY OWNER
 - OIL FILTER CRUSHER - PROVIDED BY OWNER
 - AIR COMPRESSOR - PROVIDED BY OWNER
 - BALER - PROVIDED BY OWNER
 - ROOF ACCESS LADDER
 - MINIMUM AA RATED FIRE EXTINGUISHER - "ACTIVAR" "100V10" 3" ROLLED TRM SEMI-RECESSED CABINET OR APPROVED EQUAL
 - 4" SCHEDULE 40 GALVANIZED PIPE BOLLARDS, 48" TALL w/ 48" BURY - FILL w/ CONCRETE
- DESIGN CAPACITY**
- | AREA | DRUMS | PALLET/CY |
|---------------|-------|-----------|
| BULKING ROOM: | 24 | 6 |
| LAPRACKS: | 96 | 29 |
| ACIDS: | 14 | 8 |
| BASES: | 14 | 8 |
| E-WASTE: | 0 | 72 |
| LATEX: | 0 | 72 |
| TOTAL: | 148 | 195 |



KEY PLAN

N.S.

A NEW BUILDING FOR:



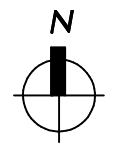
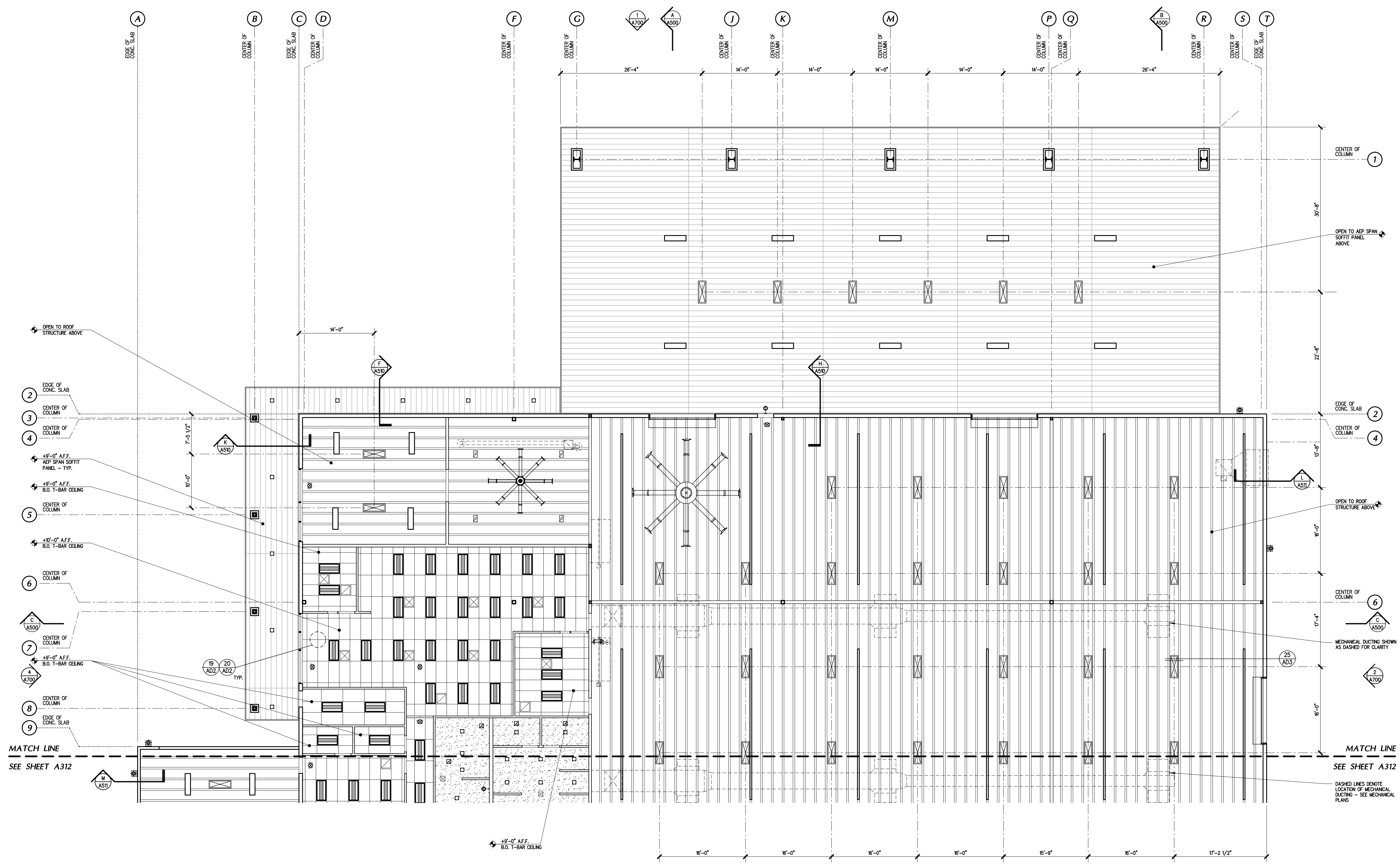
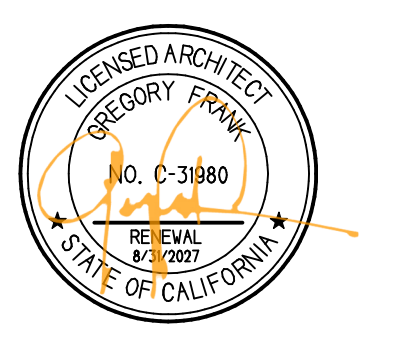
KERN COUNTY
SPECIAL WASTE
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SEC. OF DOWNING AVE
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JOB 7006	AC/2N	A212B
DP	GF	
PM	GF	



ENLARGED REFLECTED CEILING PLAN - NORTH

1/8"

CEILING PLAN NOTES

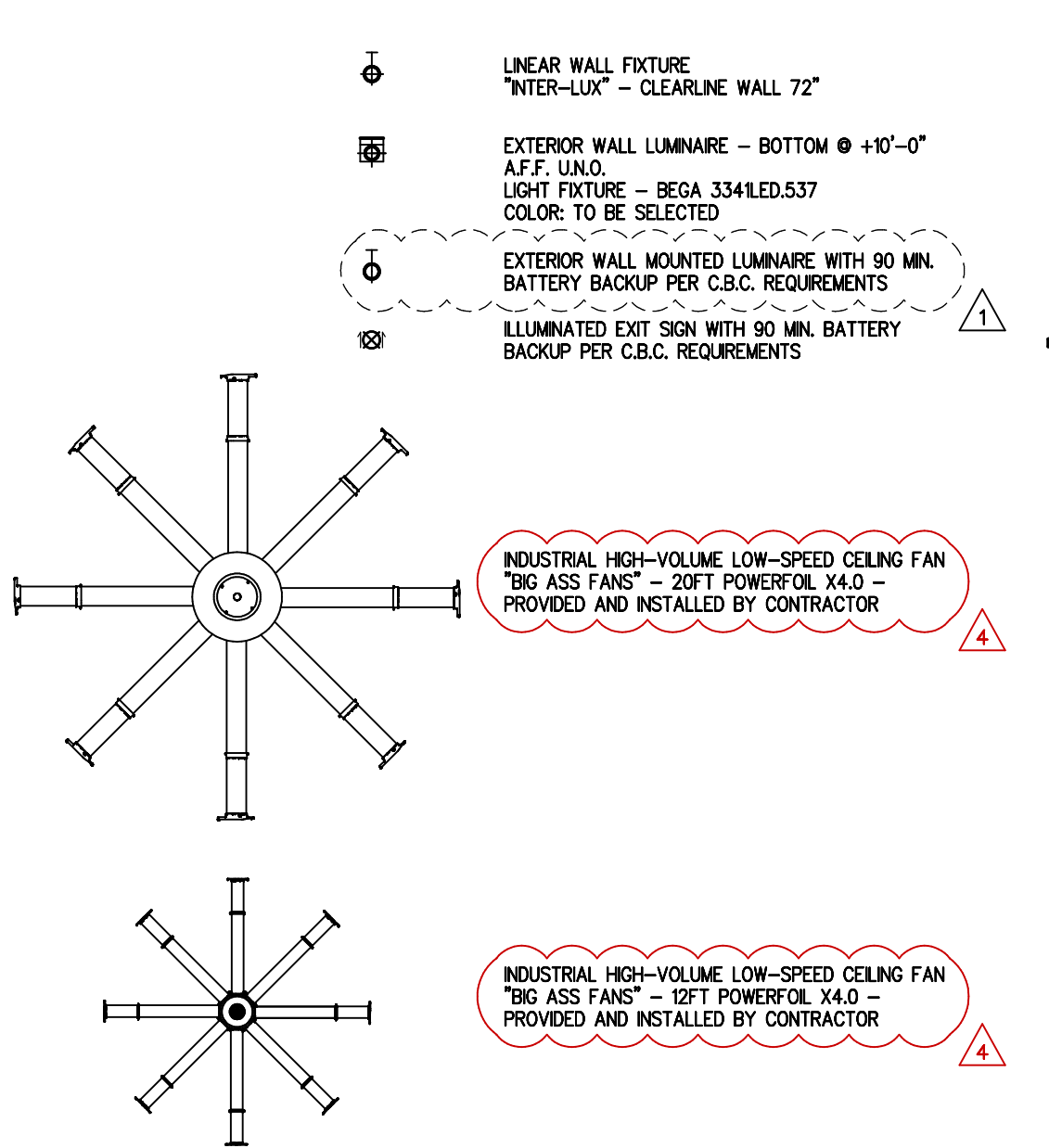
- LOCATION OF ALL FIRE SPRINKLERS IS SUBJECT TO APPROVAL BY THE FIRE MARSHAL.
- CONTRACTOR IS RESPONSIBLE FOR FIRE SPRINKLER AND FIRE ALARM FINAL DESIGN-BUILD DRAWINGS FOR BUILDING DEPARTMENT REVIEW AND APPROVAL.
- PROVIDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.
- SUSPENDED CEILING MUST CONFORM TO ASCE 7-16 SECTION 12.5.6 AND MORE SPECIFICALLY SECTION 12.5.6.2.2, ASTM C635, ASTM C636, AND ASTM C630, SECTION 5 - SECOND DESIGN CATEGORIES D, E, AND F AS MODIFIED BY ASCE 7-16.
- THE WIDTH OF THE T-BAR PERIMETER SUPPORTING CLOSURE ANGLE OR CHANNEL SHALL NOT BE LESS THAN 2.0 INCHES UNLESS QUALIFIED PERIMETER SUPPORTING CLIPS ARE USED. CLOSURE ANGLES OR CHANNELS SHALL BE SECURED OR OTHERWISE POSITIVELY ATTACHED TO WALL STUDS OR OTHER SUPPORTING STRUCTURES. PERIMETER SUPPORTING CLIPS SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA PER SECTION 12.5.6.2.2 OF ASCE 7-16.
- T-BAR PERIMETER SUPPORTING CLIPS SHALL BE ATTACHED TO THE SUPPORTING CLOSURE ANGLE OR CHANNEL WITH A MINIMUM OF TWO SCREWS PER CLIP AND SHALL BE INSTALLED AROUND THE ENTIRE CEILING PERIMETER. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP. THE OTHER END OF THE CEILING GRID IN EACH HORIZONTAL DIRECTION SHALL HAVE A MINIMUM 0.75 INCH CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP.
- PROVIDE T-BAR CEILING SEISMIC SEPARATION JOINTS ON CEILING AREAS THAT EXCEED 2500SF PER ASCE 7-16 SECTION 12.5.6.2.2.3.
- ONLY HEAVY-DUTY MAIN TEES DEFINED IN ASTM C635 SHALL BE USED.
- THE MAIN T-BAR GRID RUNNER AND/OR CROSS RUNNER ENDS SHALL BE ATTACHED TO THE PERIMETER ON TWO ADJACENT WALLS. A CLEARANCE OF 3/4 INCH SHALL BE MAINTAINED BETWEEN THE MAIN RUNNER AND CROSS RUNNER ENDS AND THE PERIMETER MEMBERS ON THE TWO OPPOSITE WALLS.
- WHERE THE T-BAR GRID TERMINAL END RUNNERS ARE NOT FIXED TO THE PERIMETER SUPPORTING CLOSURE, ALLOW FOR 3/4 INCH AXIAL MOVEMENT.
- T-BAR GRID TERMINAL ENDS OF MAIN RUNNERS AND CROSS RUNNERS NOT ATTACHED TO THE PERIMETER CLOSURE ANGLE OR CHANNEL, SHALL BE PREVENTED FROM SPREADING.

CEILING PLAN NOTES (CONT.)

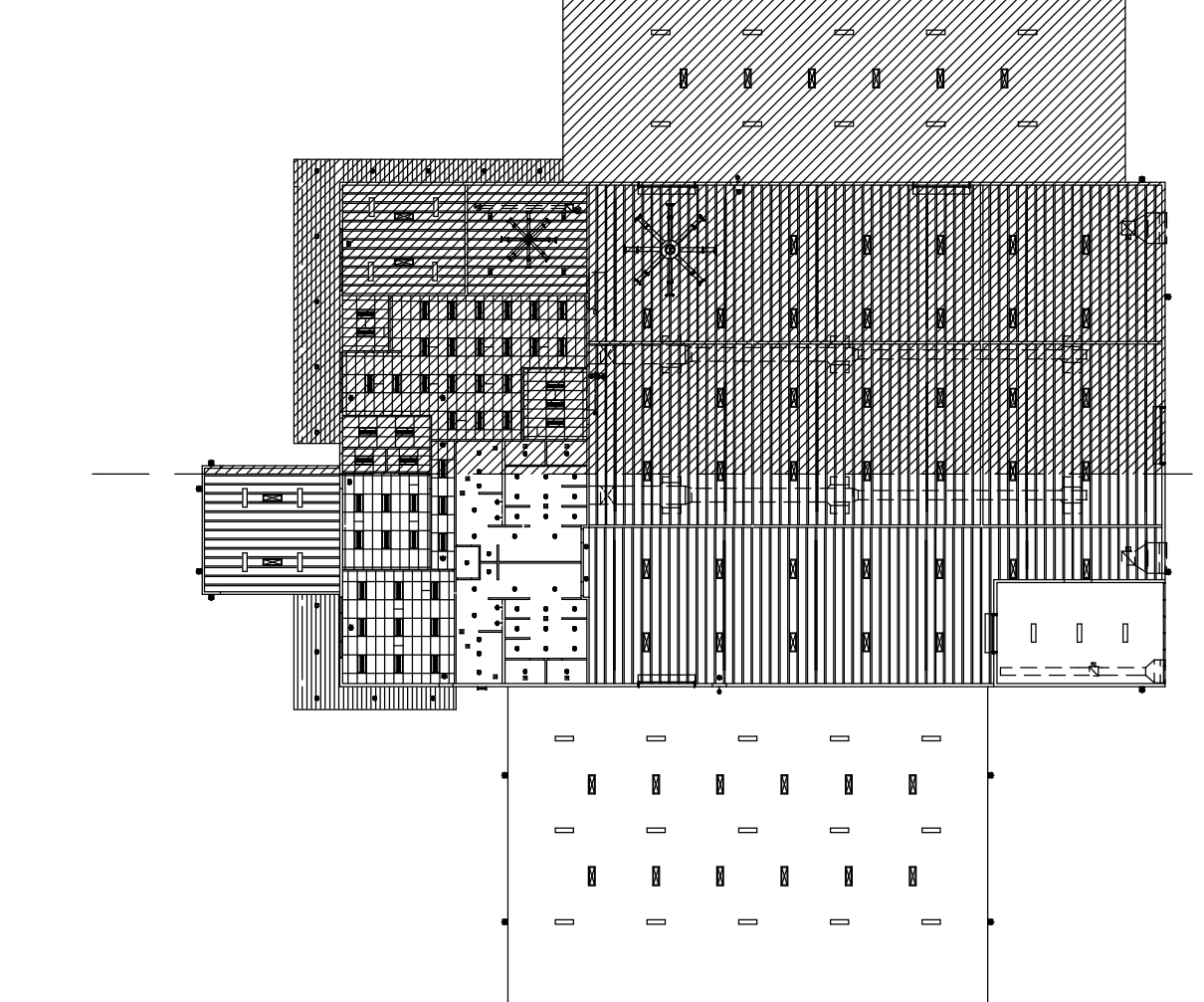
- LATERAL FORCE BRACING WIRES AND MEMBERS SHALL BE LOCATED 6" MIN. FROM ALL UNRESTRAINED PIPING AND DUCTWORK. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A LOAD OF NOT LESS THAN 250 POUNDS.
- SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF A MIN. OF 1" IN ALL DIRECTIONS.
- CHANGES IN T-BAR CEILING PLANE ELEVATION SHALL HAVE INDEPENDENT POSITIVE BRACING.
- CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED AND BRACED INDEPENDENTLY OF THE T-BAR CEILING.
- CEILING AREAS EXCEEDING 2500SF SHALL HAVE A SEISMIC SEPARATION JOINT, BULKHEAD BRACED TO THE STRUCTURE, OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS OF NO MORE THAN 2500SF AND HAVING A MAXIMUM 4:1 ASPECT RATIO. EACH AREA SHALL BE CAPABLE OF ALLOWING +/- 3/4 AXIAL MOVEMENT.
- FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING LESS THAN 20 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS THAT HAVE THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS.
- FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING MORE THAN 20 POUNDS BUT LESS THAN 50 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS THAT HAVE THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS AND SHALL HAVE TWO NO. 12-GAUGE HANGER WIRES CONNECTED FROM THE TERMINAL OR SERVICE TO THE CEILING SYSTEM HANGERS OR TO THE STRUCTURE ABOVE. WIRES NEED NOT BE TAUT.
- FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING MORE THAN 50 POUNDS SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.
- ROD CONDUIT SHALL NOT BE USED FOR ATTACHMENT OF THE FIXTURES.

CEILING LEGEND

- 5/8" GYPSUM BOARD CEILING AND/OR SOFFIT.
- CEILING SHALL BE FINISHED WITH EXPOSED-33 METAL JOISTS @ 18" O.C. - 12'-0" MAXIMUM SPAN - PROVIDE NO SPAN BLOCKING @ 6'-0" MAXIMUM.
- CONCRETE TILT PANEL.
- 2x4 DIRECT / INDIRECT "LITHONIA" VTL LED LAY-IN LIGHT FIXTURE.
- 1x4" SURFACE MOUNTED LED LIGHT FIXTURE.
- RECESSED CAN LIGHT - SEE ELECTRICAL PLAN.
- EXHAUST FAN - TYP.
- LINEAR WALL FIXTURE "INTER-LUX" - CLEARLINE WALL 72".
- EXTERIOR WALL LUMINAIRE - BOTTOM @ +/-10'-0" A.F.F. UNLD.
- EXTERIOR WALL LUMINAIRE - BOTTOM @ +/-10'-0" A.F.F. UNLD.
- LIGHT FIXTURE - BECA 334LED.537 COLOR TO BE SELECTED.



- LINEAR WALL FIXTURE "INTER-LUX" - CLEARLINE WALL 72".
- EXTERIOR WALL LUMINAIRE - BOTTOM @ +/-10'-0" A.F.F. UNLD.
- EXTERIOR WALL MOUNTED LUMINAIRE WITH 90 MIN. BATTERY BACKUP PER C.B.C. REQUIREMENTS.
- ILLUMINATED EXIT SIGN WITH 90 MIN. BATTERY BACKUP PER C.B.C. REQUIREMENTS.
- "A-LIGHT" "G3" LED HIGH-BAY LIGHT FIXTURE.
- "A-LIGHT" "G3" LED HIGH-BAY LIGHT FIXTURE.



KEY PLAN

N.S.

A NEW BUILDING FOR:



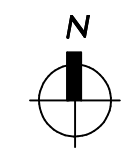
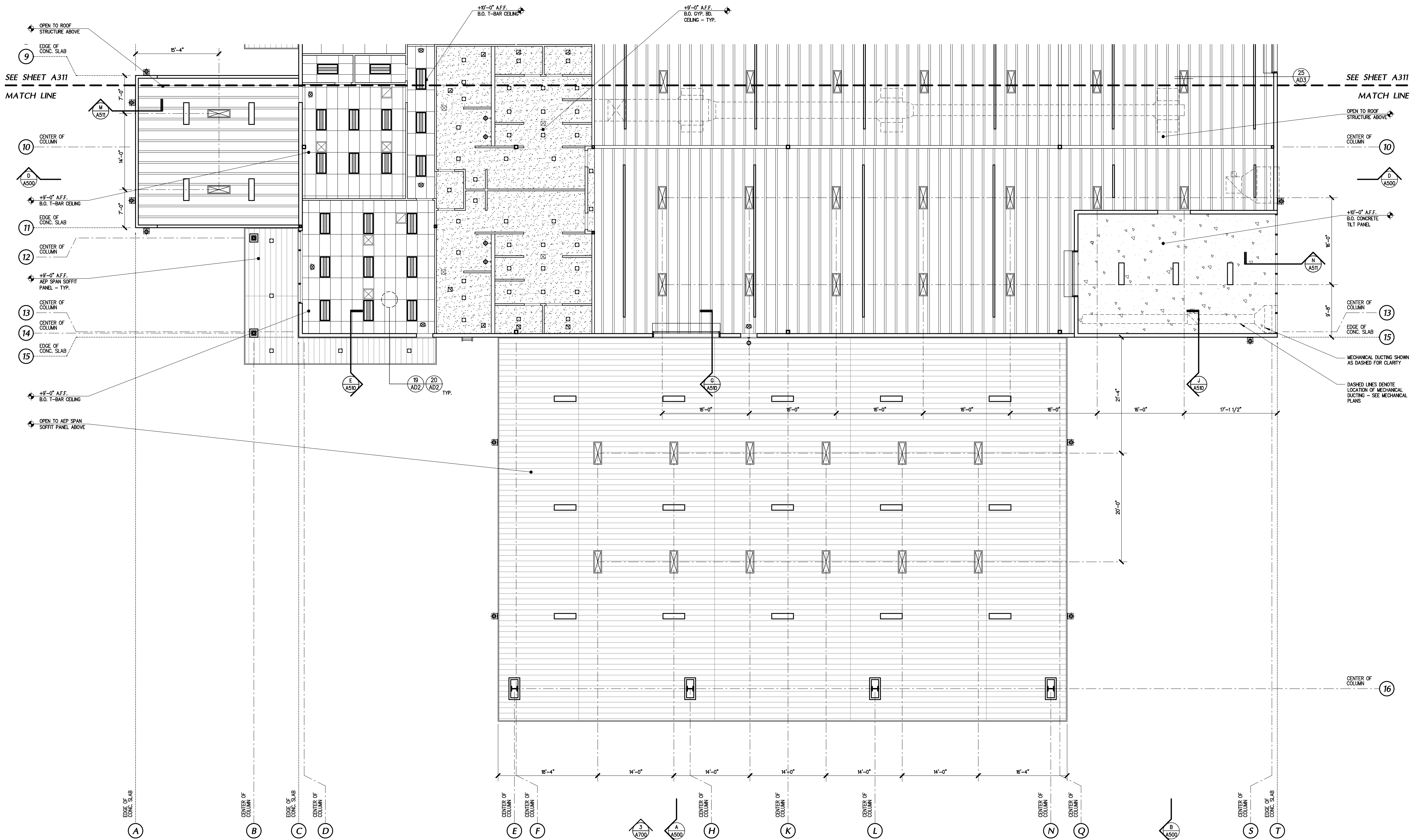
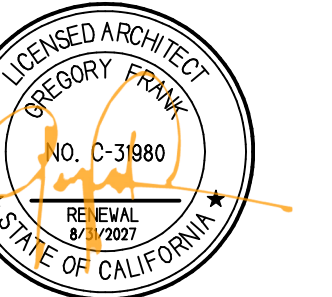
**KERN COUNTY
SPECIAL WASTE
FACILITY**

SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT SUBMITTAL
9-16-2025	BUILDING DEPARTMENT SUBMITTAL
10-30-2025	BUILDING DEPARTMENT SUBMITTAL

REVISION	DESCRIPTION
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3	10-30-25 BUILDING DEPARTMENT COMPLIANCE
4	07-29-26 ADDENDUM #2

JOB 7005	DP AC/YN	FM GUF	A311A
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ENLARGED REFLECTED CEILING PLAN - SOUTH

1/8"

CEILING PLAN NOTES

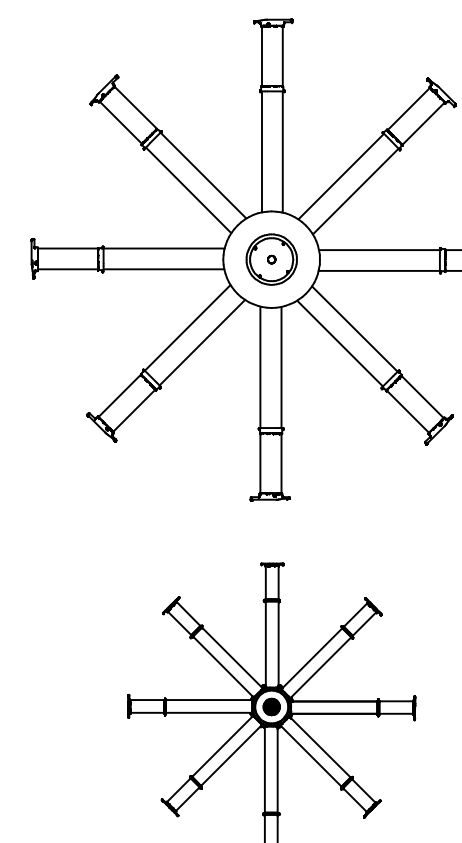
- LOCATION OF ALL FIRE SPRINKLERS IS SUBJECT TO APPROVAL BY THE FIRE MARSHAL.
- CONTRACTOR IS RESPONSIBLE FOR FIRE SPRINKLER AND FIRE ALARM FINAL DESIGN-BUILD DRAWINGS FOR BUILDING DEPARTMENT REVIEW AND APPROVAL.
- PROVIDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.
- SUSPENDED CEILING MUST CONFORM TO ASCE 7-16 SECTION 12.5.6 AND MORE SPECIFICALLY SECTION 12.5.6.2.2, ASTM C635, ASTM C636, AND ASTM C630, SECTION 5 - SEMI-DESIGN CATEGORIES D, E, AND F AS MODIFIED BY ASCE 7-16.
- THE WIDTH OF THE T-BAR PERIMETER SUPPORTING CLOSURE ANGLE OR CHANNEL SHALL NOT BE LESS THAN 2.0 INCHES UNLESS QUALIFIED PERIMETER SUPPORTING CLIPS ARE USED. CLOSURE ANGLES OR CHANNELS SHALL BE SECURED OR OTHERWISE POSITIVELY ATTACHED TO WALL STUDS OR OTHER SUPPORTING STRUCTURES. PERIMETER SUPPORTING CLIPS SHALL BE QUALIFIED IN ACCORDANCE WITH APPROVED TEST CRITERIA PER SECTION 12.2.5 OF ASCE 7-16.
- T-BAR PERIMETER SUPPORTING CLIPS SHALL BE ATTACHED TO THE SUPPORTING CLOSURE ANGLE OR CHANNEL WITH A MINIMUM OF TWO SCREWS PER CLIP AND SHALL BE INSTALLED AROUND THE ENTIRE CEILING PERIMETER. IN EACH ORTHOGONAL HORIZONTAL DIRECTION, ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP. THE OTHER END OF THE CEILING GRID IN EACH HORIZONTAL DIRECTION SHALL HAVE A MINIMUM 0.75 INCH CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE, CHANNEL, OR PERIMETER SUPPORTING CLIP.
- PROVIDE T-BAR CEILING SEMI-SEPARATION JOINTS ON CEILING AREAS THAT EXCEED 2,500SF PER ASCE 7-16 SECTION 12.5.6.2.2.
- ONLY HEAVY-DUTY MAIN TEES DEFINED IN ASTM C635 SHALL BE USED.
- THE MAIN T-BAR GRID RUNNER AND/OR CROSS RUNNER ENDS SHALL BE ATTACHED TO THE PERIMETER ON TWO ADJACENT WALLS. A CLEARANCE OF 3/4 INCH SHALL BE MAINTAINED BETWEEN THE MAIN RUNNER AND CROSS RUNNER ENDS AND THE PERIMETER MEMBERS ON THE TWO OPPOSITE WALLS.
- WHERE THE T-BAR GRID TERMINAL END RUNNERS ARE NOT FIXED TO THE PERIMETER SUPPORTING CLOSURE, ALLOW FOR 3/4 INCH AXIAL MOVEMENT.
- T-BAR GRID TERMINAL ENDS OF MAIN RUNNERS AND CROSS RUNNERS NOT ATTACHED TO THE PERIMETER CLOSURE ANGLE OR CHANNEL, SHALL BE PREVENTED FROM SPREADING.

CEILING PLAN NOTES (CONT.)

- LATERAL FORCE BRACING WIRES AND MEMBERS SHALL BE LOCATED 6" MIN. FROM ALL UNRESTRAINED PIPING AND DUCTWORK. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A LOAD OF NOT LESS THAN 250 POUNDS.
- SPRINKLER HEADS AND OTHER PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF A MIN. OF 1" IN ALL DIRECTIONS.
- CHANGES IN T-BAR CEILING PLANE ELEVATION SHALL HAVE INDEPENDENT POSITIVE BRACING.
- CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED AND BRACED INDEPENDENTLY OF THE T-BAR CEILING.
- CEILING AREAS EXCEEDING 2,500SF SHALL HAVE A SEMI-SEPARATION JOINT. BULKHEAD BRACED TO THE STRUCTURE, OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS OF NO MORE THAN 2,500SF AND HAVING A MAXIMUM 4:1 ASPECT RATIO. EACH AREA SHALL BE CAPABLE OF ALLOWING +/- 3/4 AXIAL MOVEMENT.
- FLEXIBLE SPRINKLER HOSE FITTINGS OR OTHER SERVICES WEIGHING LESS THAN 20 POUNDS SHALL BE POSITIVELY ATTACHED TO THE CEILING SUSPENSION MAIN RUNNERS OR TO CROSS RUNNERS THAT HAVE THE SAME CARRYING CAPACITY AS THE MAIN RUNNERS.
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- ROD CONDUIT SHALL NOT BE USED FOR ATTACHMENT OF THE FIXTURES.

CEILING LEGEND

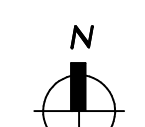
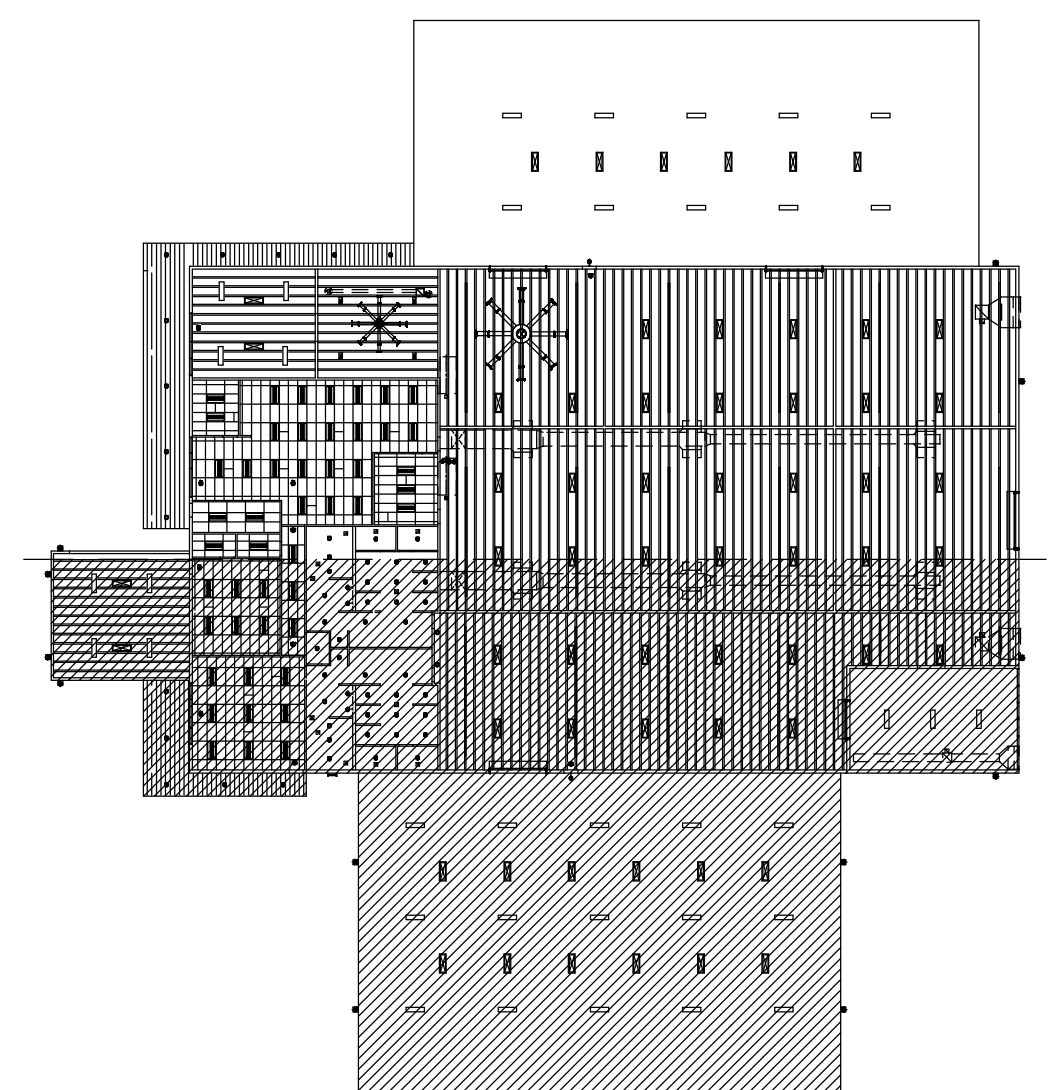
- 5/8" GYPSUM BOARD CEILING AND/OR SOFFIT. CEILING SHALL BE TRIMMED WITH DRESS-37-33 METAL JOISTS @ 16" O.C. - 12'-0" MAXIMUM SPAN - PROVIDE NO SPAN BLOCKING @ 6'-0" MAXIMUM.
- CONCRETE TILT PANEL.
- 2'x4' DIRECT / INDIRECT "LITHONIA VTL" LED LAY-IN LIGHT FIXTURE.
- 1'x4' SURFACE MOUNTED LED LIGHT FIXTURE.
- RECESSED CAN LIGHT - SEE ELECTRICAL PLAN.
- EXHAUST FAN - TYP.
- LINEAR WALL FIXTURE "INTER-LUX" - CLEARLINE WALL 72".
- EXTERIOR WALL LUMINAIRE - BOTTOM @ +/-10'-0" A.F.F. UNL. LIGHT FIXTURE - BECA 334LED.537 COLOR TO BE SELECTED.



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- EXTERIOR WALL MOUNTED LUMINAIRE WITH 90 MIN. BATTERY BACKUP PER C.B.C. REQUIREMENTS.
- ILLUMINATED EXIT SIGN WITH 90 MIN. BATTERY BACKUP PER C.B.C. REQUIREMENTS.

INDUSTRIAL HIGH-VOLUME LOW-SPEED CEILING FAN "BIO ASS FANS" - 20FT POWERPOLE X4.0 - PROVIDED AND INSTALLED BY CONTRACTOR

INDUSTRIAL HIGH-VOLUME LOW-SPEED CEILING FAN "BIO ASS FANS" - 12FT POWERPOLE X4.0 - PROVIDED AND INSTALLED BY CONTRACTOR



KEY PLAN

N.S.

A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

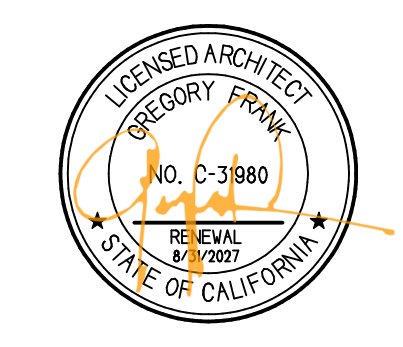
SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
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9-16-2025	BUILDING DEPARTMENT COMPLIANCE
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4	07-29-26 ADDENDUM #2

JOB 7005	DP AC/IV	A312A
PM GUF		

These drawings, related specifications, ideas, designs and arrangements, represent hereby are and shall remain the property of the Architect and to not be used for any other project or other use without the written consent of the Architect. Visual contact with these drawings or specifications shall constitute conclusive acceptance of these conditions.



EXTERIOR FINISH SCHEDULE

X	FINISH
X	COLOR

FINISH

- 48" HIGH CONCRETE WINGSOOT
- "AEP SPAN" "FLEX SERIES" METAL WALL PANEL SYSTEM
- "AEP SPAN" "PRESTIGE SERIES" METAL WALL PANEL SYSTEM
- "KINGSPAN" "KINGSEAM" METAL ROOF PANEL SYSTEM
- METAL ROLL-UP DOOR
- ANODIZED ALUMINUM STOREFRONT SYSTEM - SEE PLAN
- CLERESTORY WINDOW AND FRAME
- DOOR AND FRAME - SEE PLAN
- 2x WOOD FRAMED MECHANICAL SCREEN - SEE STRUCTURE - SEE EXTERIOR ELEVATIONS
- EXPLOSION RELIEF PANELS - POLYCARBONATE PANEL IN ALUMINUM FRAME
- WROUGHT IRON FENCE w/ GATE WHERE SHOWN
- EXTERIOR WALL SCIENCE
- MECHANICAL LOWERS - SEE MECHANICAL PLANS
- EXTERIOR WALL LOWERS LOCATED ON HIGH WALL BEHIND MECHANICAL SCREEN

COLOR

- "TAHOE BLUE" DURA TECH 5000
- "NECAL WHITE" DURA TECH 5000
- "LEAF GREEN" DURA TECH 5000
- "DUNN EDWARDS 'JET' - #DE6378

A NEW BUILDING FOR:



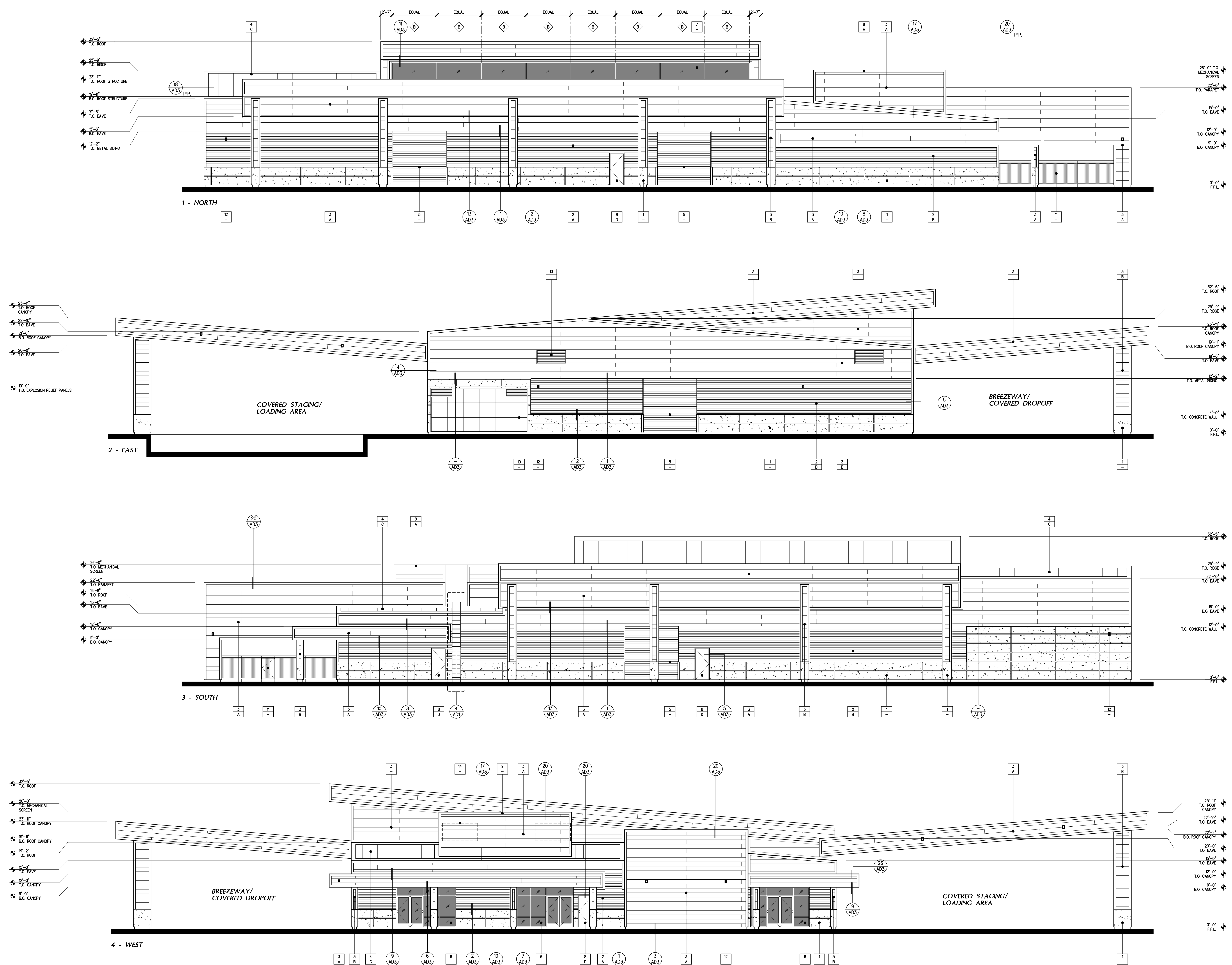
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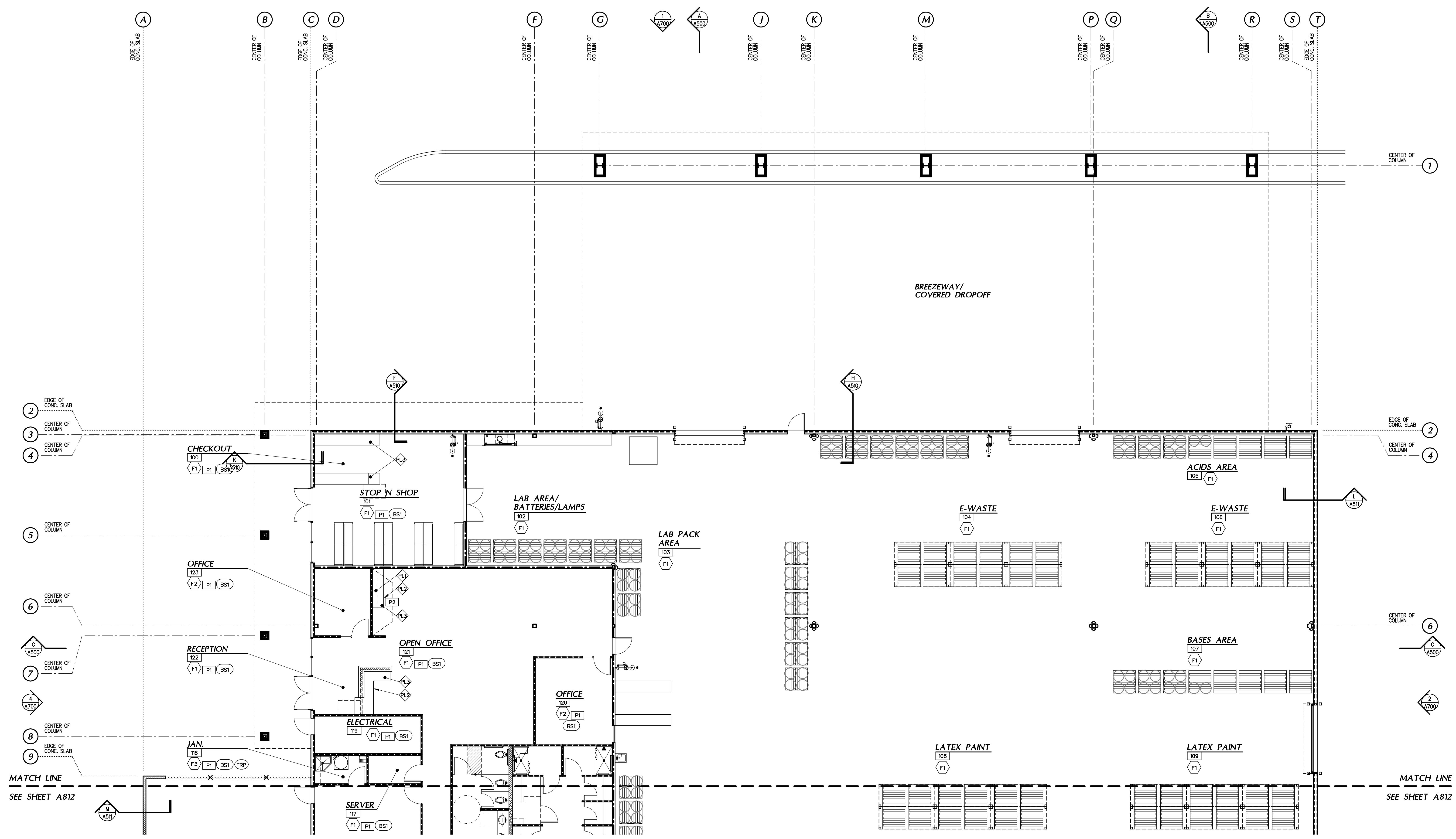
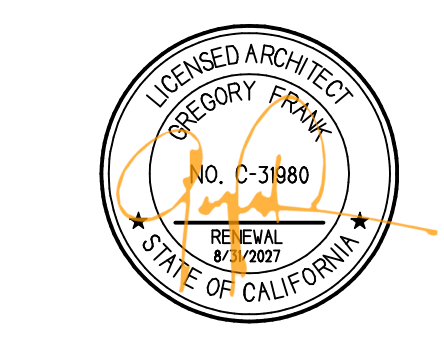
REVISION	DESCRIPTION
1	BUILDING DEPARTMENT COMPLIANCE
2	BUILDING DEPARTMENT COMPLIANCE
3	BUILDING DEPARTMENT COMPLIANCE
4	ADDITION #2

JOB	7005
DP	AC/AY
PM	GF
	A700A



EXTERIOR ELEVATIONS

1/8"



ENLARGED FINISH PLAN - NORTH

1/8"

FINISH NOTES

1. TAPE, SAND, PROVIDE LIGHT SKIP TROWEL FINISH AND PAINT ALL EXPOSED GYPSUM BOARD IN A SATIN FINISH.
2. PAINT ALL DOORS WITH PROJECT FIELD COLOR - UNO.
3. LAMINATE PLASTICS SHALL BE BY "WILSONART". SEE INTERIOR ELEVATIONS FOR EXACT LOCATIONS.
4. INSTALL WINDOW COVERINGS AT ALL EXTERIOR GLAZING - JORDAN TAYLOR SHAM OPERATED CLUTCH ROLLER SHADES w/ ANODIZED CURVED CASSETTE AND ECO SUN SCREEN 3X OR APPROVED EQUAL.
5. FINAL COLORS SHALL BE SELECTED BY ARCHITECT UNO.
6. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING FINISH SUBMITTALS TO ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR IS RESPONSIBLE FOR ANY FINISHES THAT ARE NOT APPROVED IN WRITING BY ARCHITECT.
7. INTERIOR PAINT SHALL HAVE A VOLATILE ORGANIC COMPOUND (VOC) CONTENT OF LESS THAN 50 G/L FOR FLAT COATINGS, LESS THAN 100 G/L FOR NON-FLAT COATINGS, OR LESS THAN 100 G/L FOR NON-FLAT HIGH-GLOSS COATINGS AND MUST COMPLY WITH GREEN SEAL STANDARD (SS-1). PAINTS, 1ST EDITION, MAY 20 1993.
8. INDOOR CARPET & CARPET PAD ADHESIVES SHALL HAVE A VOLATILE ORGANIC COMPOUND (VOC) CONTENT OF LESS THAN 50 G/L AND MUST COMPLY WITH SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE # 116B.
9. COMPOSITE WOOD AND AGFIBER PRODUCTS USED ON THE INTERIOR OF A BUILDING MUST CONTAIN NO ADDED UREA-FORMALDEHYDE RESINS.
10. PROVIDE AN ATIC STOCK OF 2% OF THE TOTAL CARPET AREA FOR EACH TYPE AND/OR COLOR OF CARPET TILES TO A MAXIMUM OF 100 SQUARE YARDS FROM THE SAME DYE-LOT FOR FUTURE REPAIRS.
11. FLOAT FLOORING BETWEEN DIFFERENT MATERIALS FOR A SMOOTH TRANSITION. SLOPE SHALL BE NO GREATER THAN 1:20.
12. PROVIDE ALUMINUM TRIM/TRANSITION (SCHEDULE BY "SCHLUTER" OR EQUAL) AT ALL MATERIAL TRANSITIONS - VERIFY STYLE & COLOR WITH ARCHITECT.
13. INTERIOR FLOORING FINISHES SHALL BE CLASS 1 MATERIALS MIN. (OPTICAL DENSITY SMOKE RATING NOT TO EXCEED 450).
14. INTERIOR WALL & CEILING FINISHES SHALL BE CLASS B MIN. (FLAME SPREAD INDEX 28-75; SMOKE DEVELOPED INDEX 0-450).

FLOOR FINISH SCHEDULE

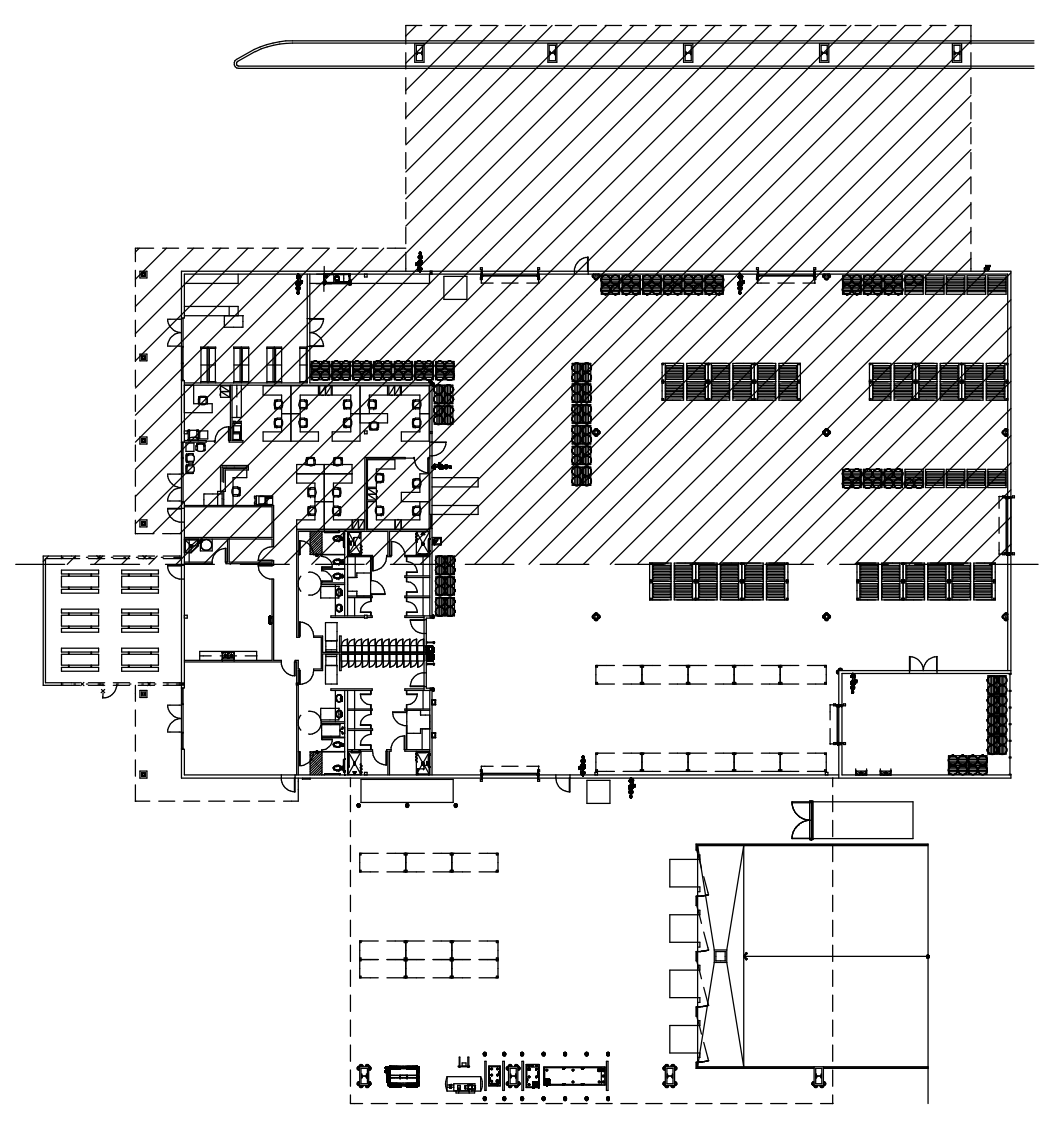
- (F1) POLYURETHANE CONCRETE FLOOR SYSTEM
MANUFACTURER: RETRO
PRODUCT: PRIMERS AND SEALERS
DESIGN NAME: CLEAR
SIZE: 12-18 MIL COATING SYSTEM
- (F2) LUXURY VINYL TILE
MANUFACTURER: "MILIKEN"
COLLECTION: HIGH GROUND
DESIGN NAME: THICKET - HIC180
- (F3) SHEET VINYL w/ 1/8" COVE BASE
MANUFACTURER: "SCALFLO"
COLLECTION: MIRA 970M
COLOR: TITANE
- (BS1) VINYL BASE
MANUFACTURER: FLEXCO
COLOR: 014 MEDIUM GRAY
- (BS2) WALL BASE PROFILE - FIELD
SEE DETAIL 22/AD1
MANUFACTURER: SCHLUTER SYSTEMS
COLLECTION: DESIGNABLE S
MATERIAL: STAINLESS STEEL V2A
FINISH: BRUSHED SS
HEIGHT: 4 3/8"

WALL FINISH

- (FRP) FRP - FIELD
MANUFACTURER: CRANE COMPOSITES
PRODUCT: GLASSBOARD
COLOR: WHITE
FINISH: MATCH COLOR
- (WT1) WALL TILE
MANUFACTURER: REDBROSANS
COLOR: CLOE CERAMIC TILE
SIZE: 2.5'x8" RECTANGLE
- (GROUT) MANUFACTURER: CUSTOM BUILDING PRODUCTS
STYLE: FUSION PRO
COLOR: #642 ASH
- (P1) PAINT - FIELD
MANUFACTURER: "SHERWIN - WILLIAMS"
STYLE: EGG SHELL
COLOR: TOQUE WHITE - SW 7003
- (P3) PAINT - ACCENT 1
MANUFACTURER: "SHERWIN - WILLIAMS"
STYLE: EGG SHELL
COLOR: TWINE STAR - SW 6229

CABINETS / COUNTER TOPS

- (PL1) PLASTIC LAMINATE - VERTICAL SURFACE
MANUFACTURER: "WILSONART"
COLOR: ASIAN SAND
FINISH: MATTE
- (PL2) PLASTIC LAMINATE - VERTICAL SURFACE
MANUFACTURER: "WILSONART"
COLOR: ASIAN NIGHT
FINISH: MATTE
- (PL3) QUARTZ
MANUFACTURER: "WILSONART"
COLOR: CALACATTA OLYMPUS - B4067
FINISH: POLISHED



KEY PLAN

N.S.

A NEW BUILDING FOR:



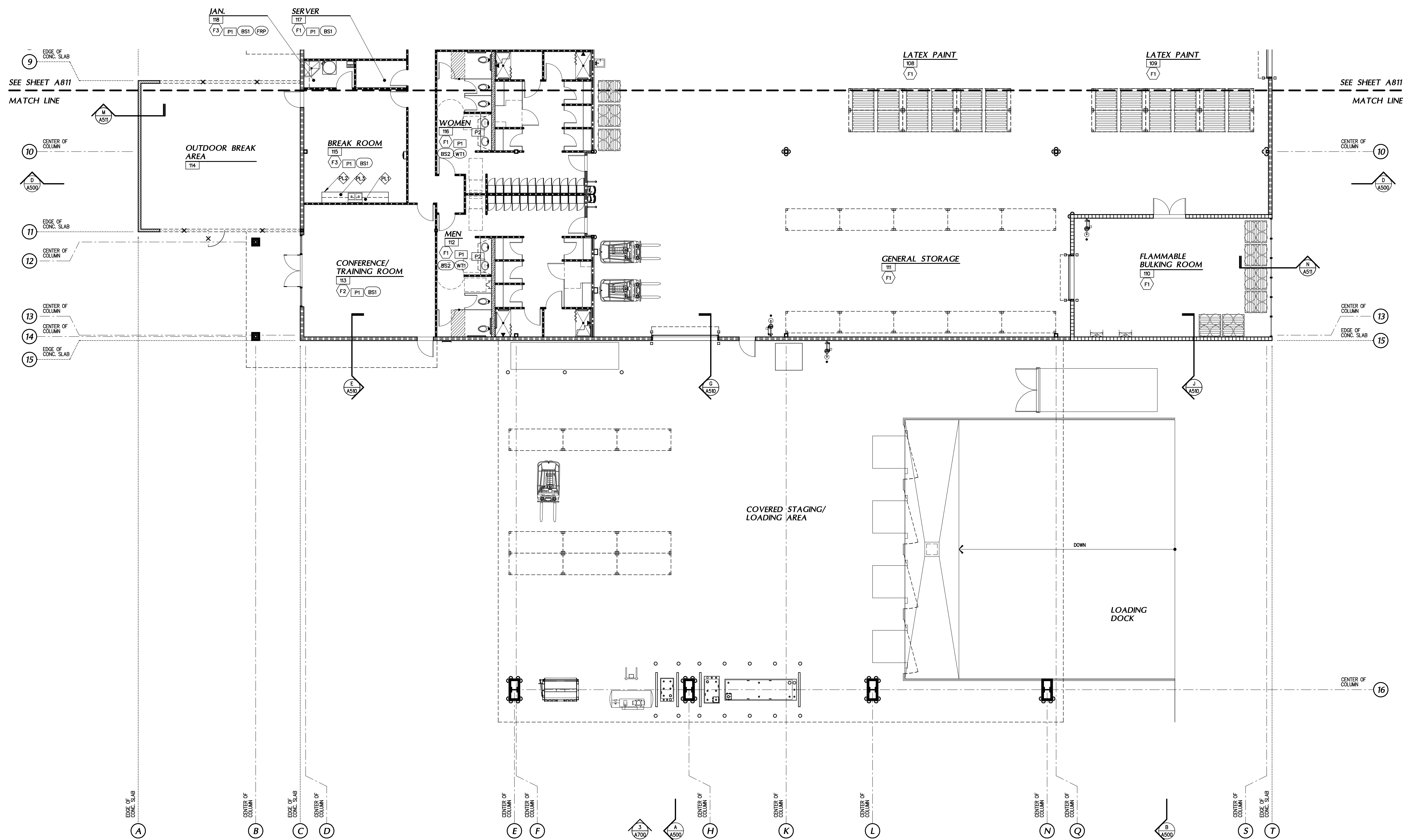
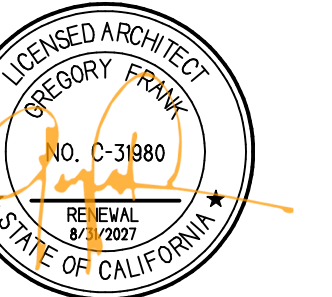
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07-29-26	ADDENDUM #2

JOB 7006	
DP AC/YN	A811B
PM GUF	



ENLARGED FINISH PLAN - SOUTH

1/8"

FINISH NOTES

- TAPE, SAND, PROVIDE LIGHT SKIP TROWEL FINISH AND PAINT ALL EXPOSED GYPSUM BOARD IN A SATIN FINISH.
- PAINT ALL DOORS WITH PROJECT FIELD COLOR - UNO.
- LAMINATE PLASTICS SHALL BE BY "WILSONART". SEE INTERIOR ELEVATIONS FOR EXACT LOCATIONS.
- INSTALL WINDOW COVERINGS AT ALL EXTERIOR GLAZING - JORDAN TAYLOR SHANK OPERATED CLUTCH ROLLER SHADES w/ ANODIZED CURVED CASSETTE AND ECO SUN SCREEN 3X OR APPROVED EQUAL.
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- FLOAT FLOORING BETWEEN DIFFERENT MATERIALS FOR A SMOOTH TRANSITION. SLOPE SHALL BE NO GREATER THAN 1:20.
- PROVIDE ALUMINUM TRIM/TRANSITION (SCHEDULE "S" OR EQUAL) AT ALL MATERIAL TRANSITIONS - VERIFY STYLE & COLOR WITH ARCHITECT.
- INTERIOR FLOORING FINISHES SHALL BE CLASS 1 MATERIALS MIN. (OPTICAL DENSITY SMOKE RATING NOT TO EXCEED 450)
- INTERIOR WALL & CEILING FINISHES SHALL BE CLASS 1 MATERIALS MIN. (FLAME SPREAD INDEX 25-75; SMOKE DEVELOPED INDEX 0-450)

FLOOR FINISH SCHEDULE

- F1 POLYURETHANE CONCRETE FLOOR SYSTEM
MANUFACTURER: RETRO
PRODUCT: PRIMERS AND SEALERS
DESIGN NAME: XTRA-TOE SEALER
COLOR: CLEAR
SIZE: 12-16 MIL COATING SYSTEM
- F2 LUXURY VINYL TILE
MANUFACTURER: "MILIKEN"
COLLECTION: HIGH GLOSS
DESIGN NAME: THICKET - HC180
- F3 SHEET VINYL w/ 1/8" COVE BASE
MANUFACTURER: "SEALFLO"
COLLECTION: TITANE
DESIGN NAME: MIRA 970M

WALL BASE

- BS1 VINYL BASE
MANUFACTURER: FLEXCO
COLOR: 014 MEDIUM GRAY
- BS2 WALL BASE PROFILE - FIELD
SEE DETAIL 22/AD1
MANUFACTURER: SCHULTER SYSTEMS
COLLECTION: DESIGNABLE S
MATERIAL: STAINLESS STEEL V2A
FINISH: BRUSHED SS
HEIGHT: 4 3/8"

WALL FINISH

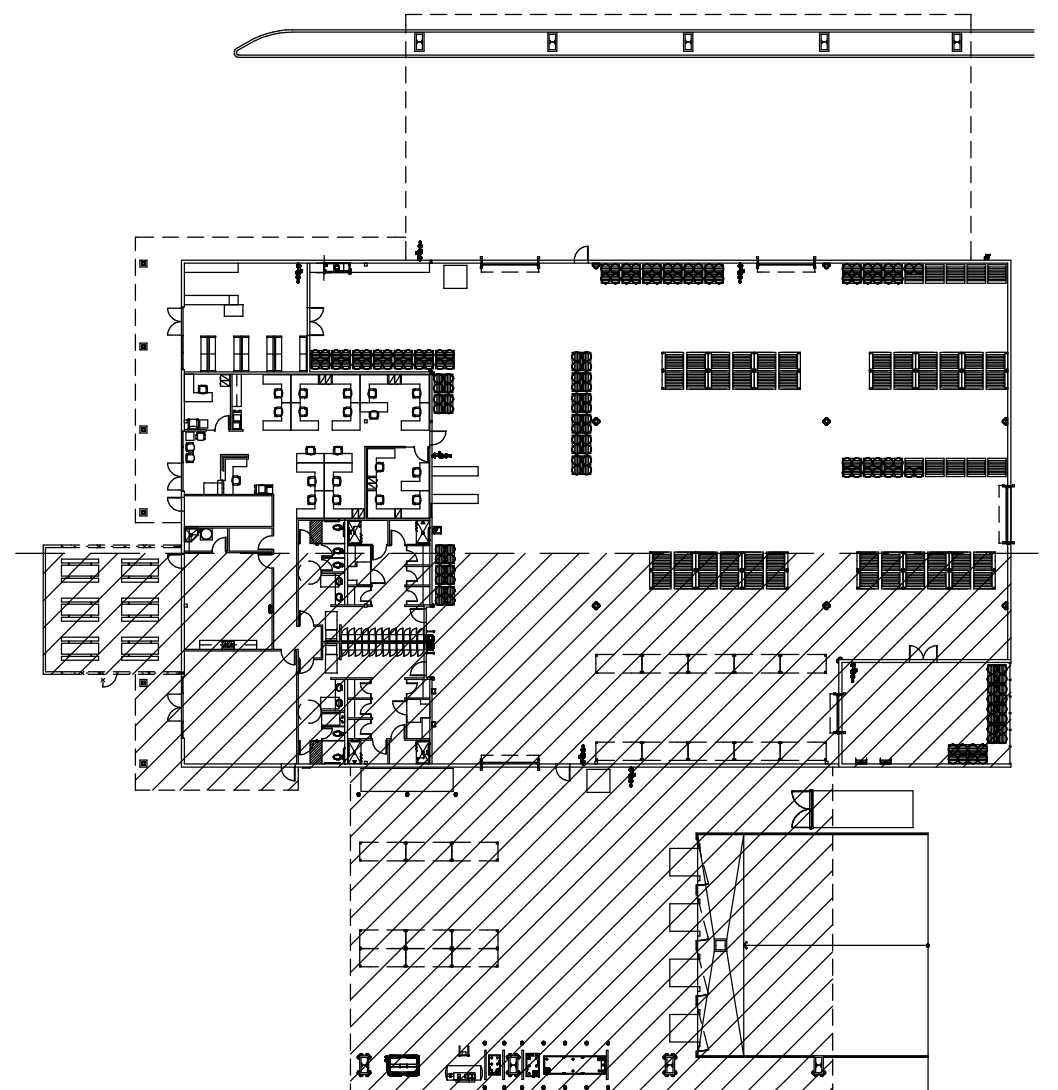
- FRP FRP - FIELD
MANUFACTURER: CRANE COMPOSITES
STYLE: RETRO
COLOR: WHITE
TRIM: MATCH COLOR
- WT1 WALL TILE
MANUFACTURER: REDBROSANS
COLLECTION: CLOE CERAMIC TILE
COLOR: GREEN
SIZE: 2.5'x8" RECTANGLE
- GROUT
MANUFACTURER: CUSTOM BUILDING PRODUCTS
STYLE: FUSION PRO
COLOR: #642 ASH

PAINT

- P1 PAINT - FIELD
MANUFACTURER: "SHERWIN - WILLIAMS"
STYLE: EGG SHELL
COLOR: TOQUE WHITE - SW 7003
- P3 PAINT - ACCENT 1
MANUFACTURER: "SHERWIN - WILLIAMS"
STYLE: EGG SHELL
COLOR: TWINE STAR - SW 6229

CABINETS / COUNTER TOPS

- PL1 PLASTIC LAMINATE - VERTICAL SURFACE
MANUFACTURER: "WILSONART"
COLOR: ASIAN SAND
FINISH: MATTE
- PL2 PLASTIC LAMINATE - VERTICAL SURFACE
MANUFACTURER: "WILSONART"
COLOR: ASIAN NIGHT
FINISH: MATTE
- PL3 QUARTZ
MANUFACTURER: "WILSONART"
COLOR: CALACATTA OLYMPUS - B4067
FINISH: POLISHED



KEY PLAN

N.S.

A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITTAL
9-16-2025	BUILDING DEPARTMENT COMPLIANCE
10-30-2025	BUILDING DEPARTMENT COMPLIANCE

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE
07-29-26	ADDENDUM #2

JOB 7006	DP AC/YN	PM GUF
A812B		

NEW BUILDING FOR:



ACILITY 7

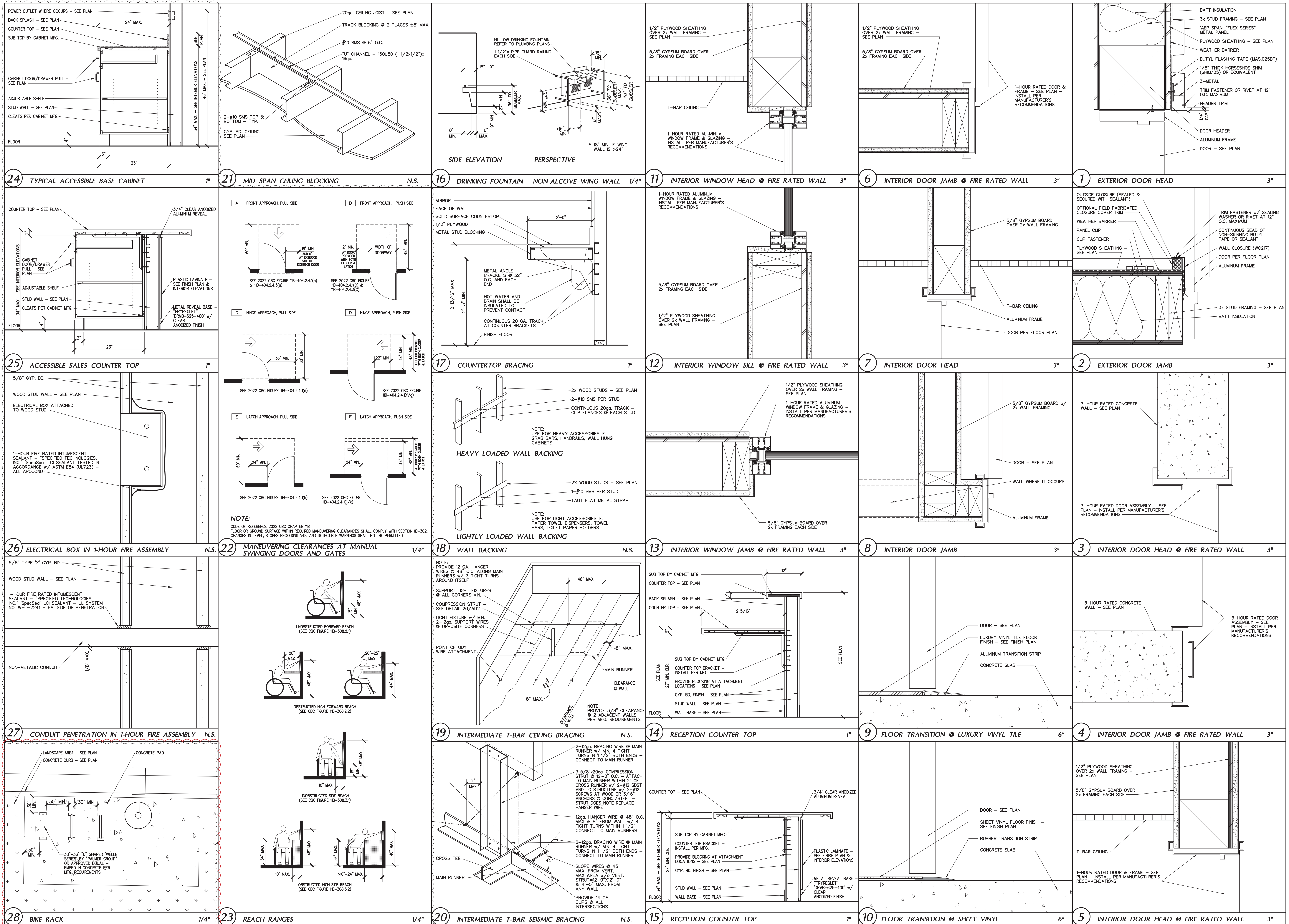
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10-30-2023	RESUBMITTAL
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2 9-15-20	BUILDING DEPARTMENT COMPLIANCE
3 10-30-16	BUILDING DEPARTMENT

1.000	0.000
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A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

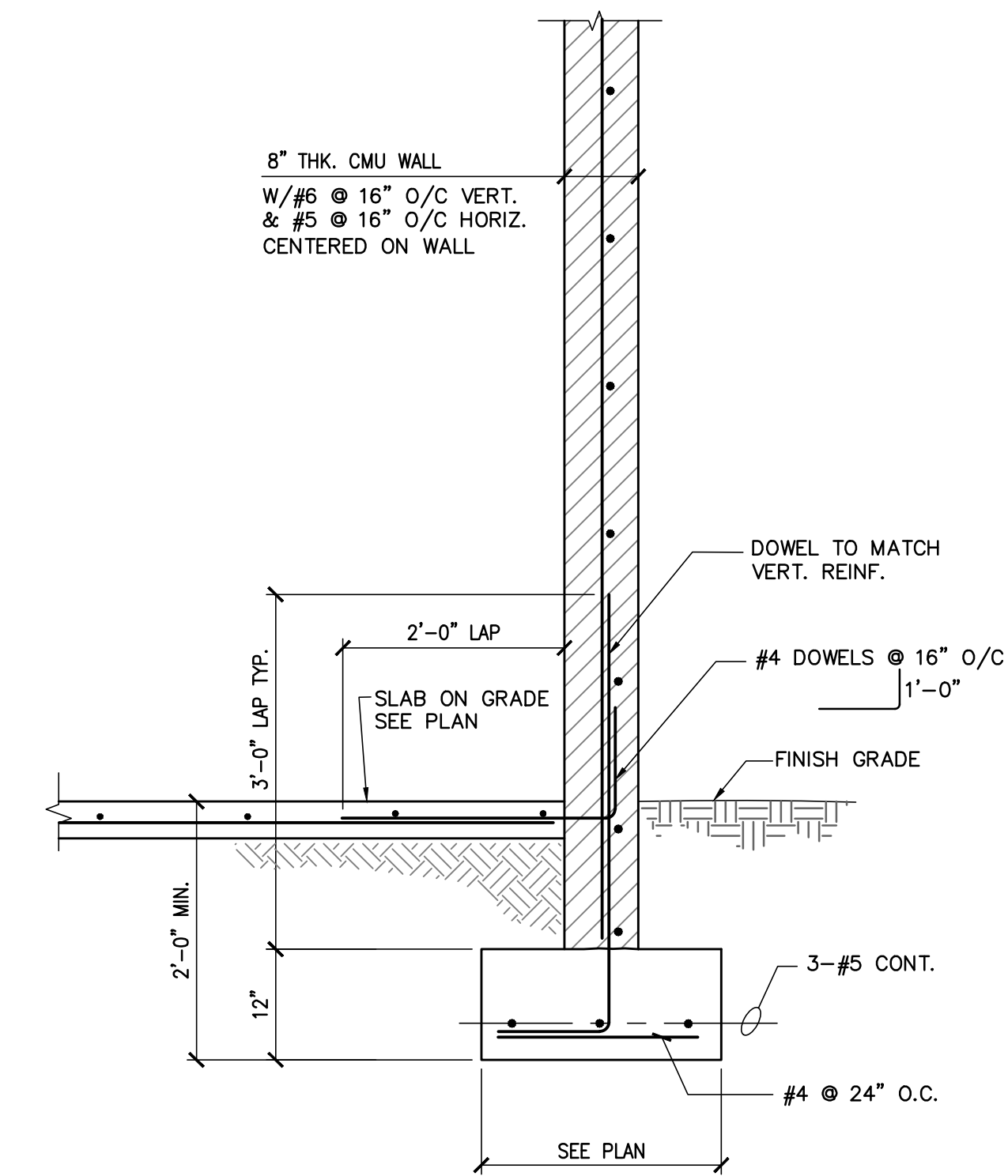
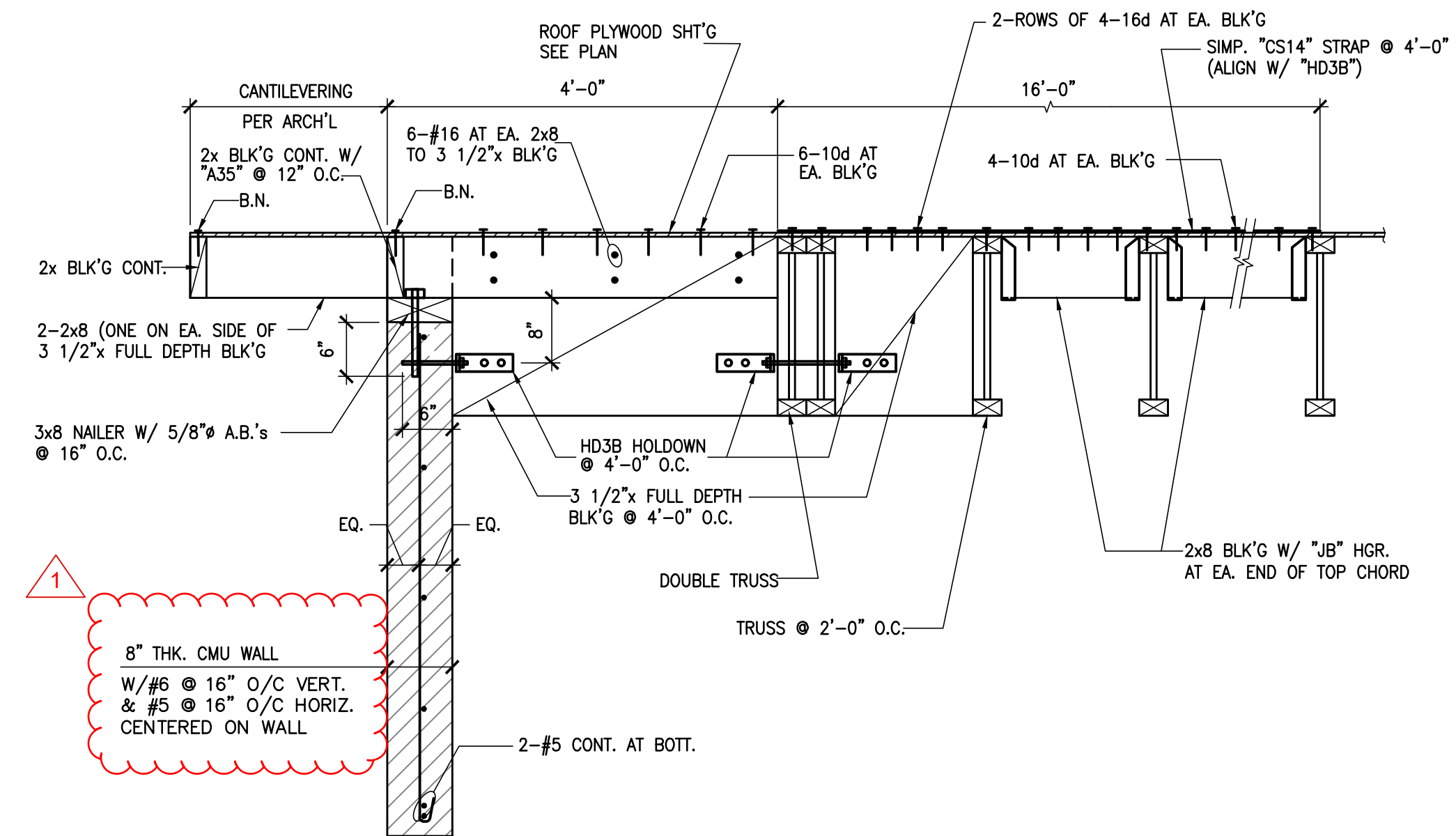
SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITTAL
9-16-2025	BUILDING DEPARTMENT COMPLIANCE
10-30-2025	BUILDING DEPARTMENT COMPLIANCE

REVISION	DESCRIPTION
1	5-27-25 BUILDING DEPARTMENT COMPLIANCE
2	9-16-25 BUILDING DEPARTMENT COMPLIANCE
3	10-30-25 BUILDING DEPARTMENT COMPLIANCE
4	7-09-26 ADDENDUM #1
5	7-29-26 ADDENDUM #2

JOB	7005
DP	AC/AY
PM	GLF

AD2A



SF_A

Skarphol / Frank
Associates

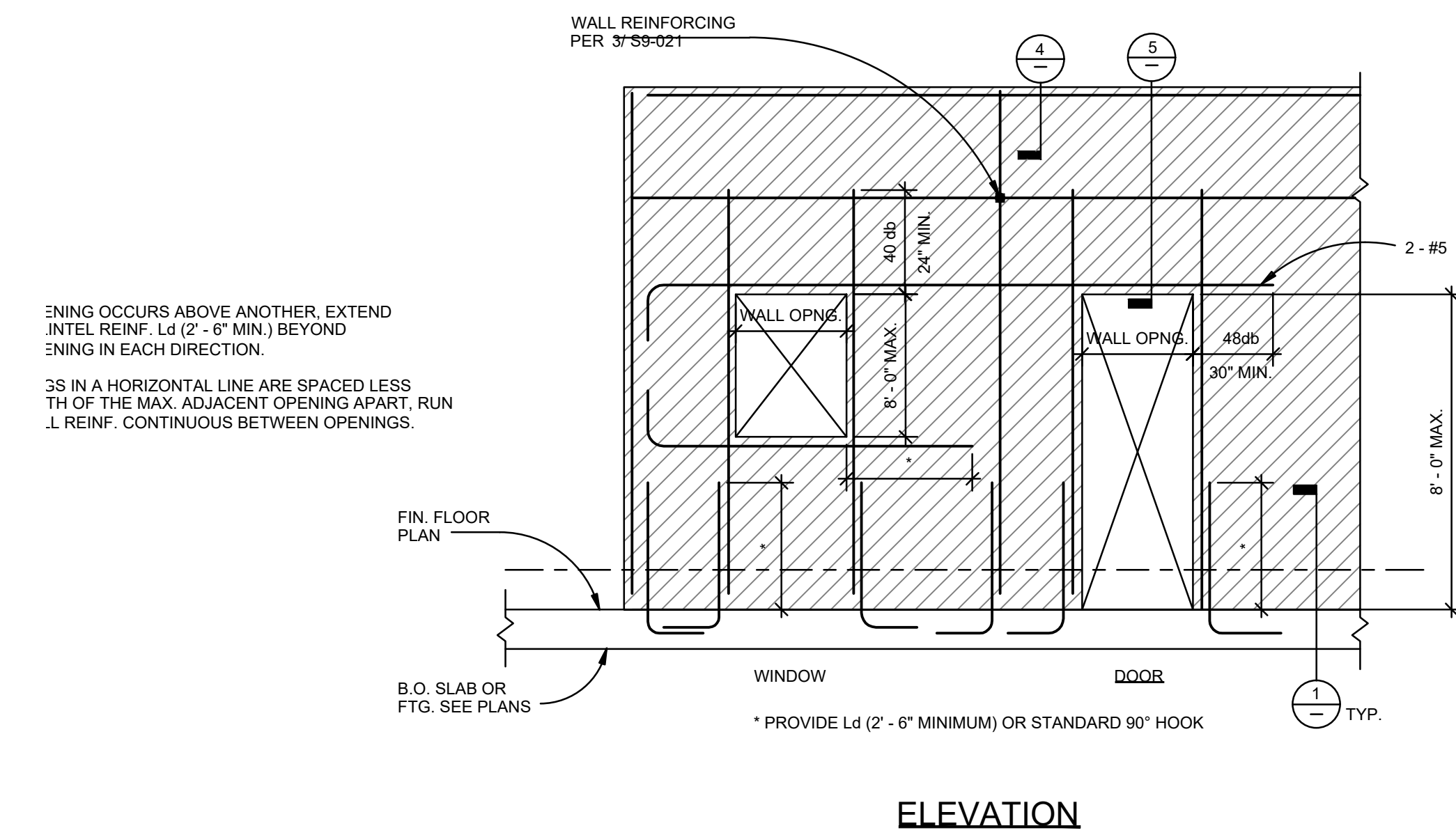
ARCHITECTURE • PLANNING • INTERIORS
Paul Skarphol, Architect • Gregory Frank, Architect

925 17th Street
Bakersfield, CA 93301
(661) 334-2741
skarpholfrank.com

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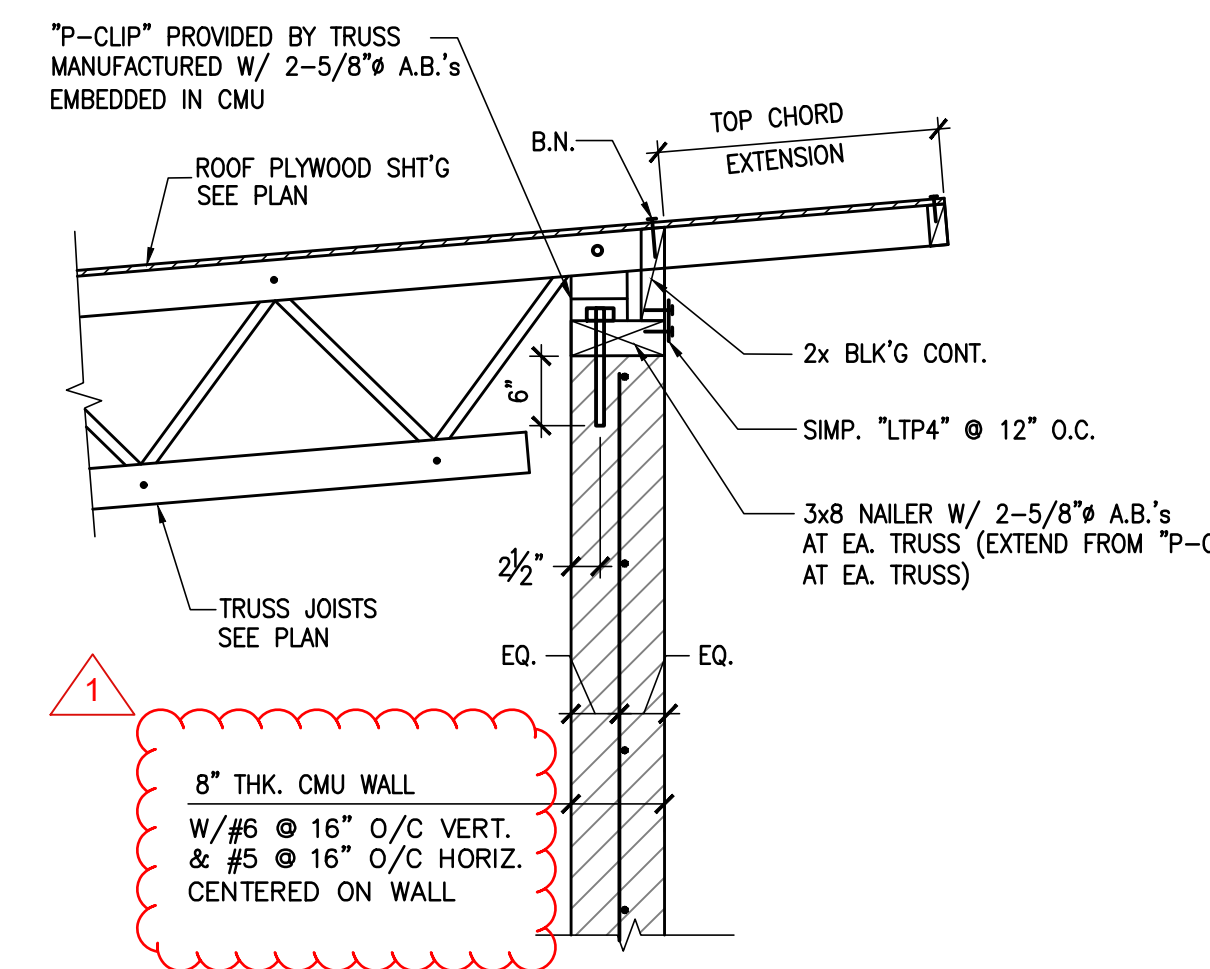
DETAIL

5



DETAIL

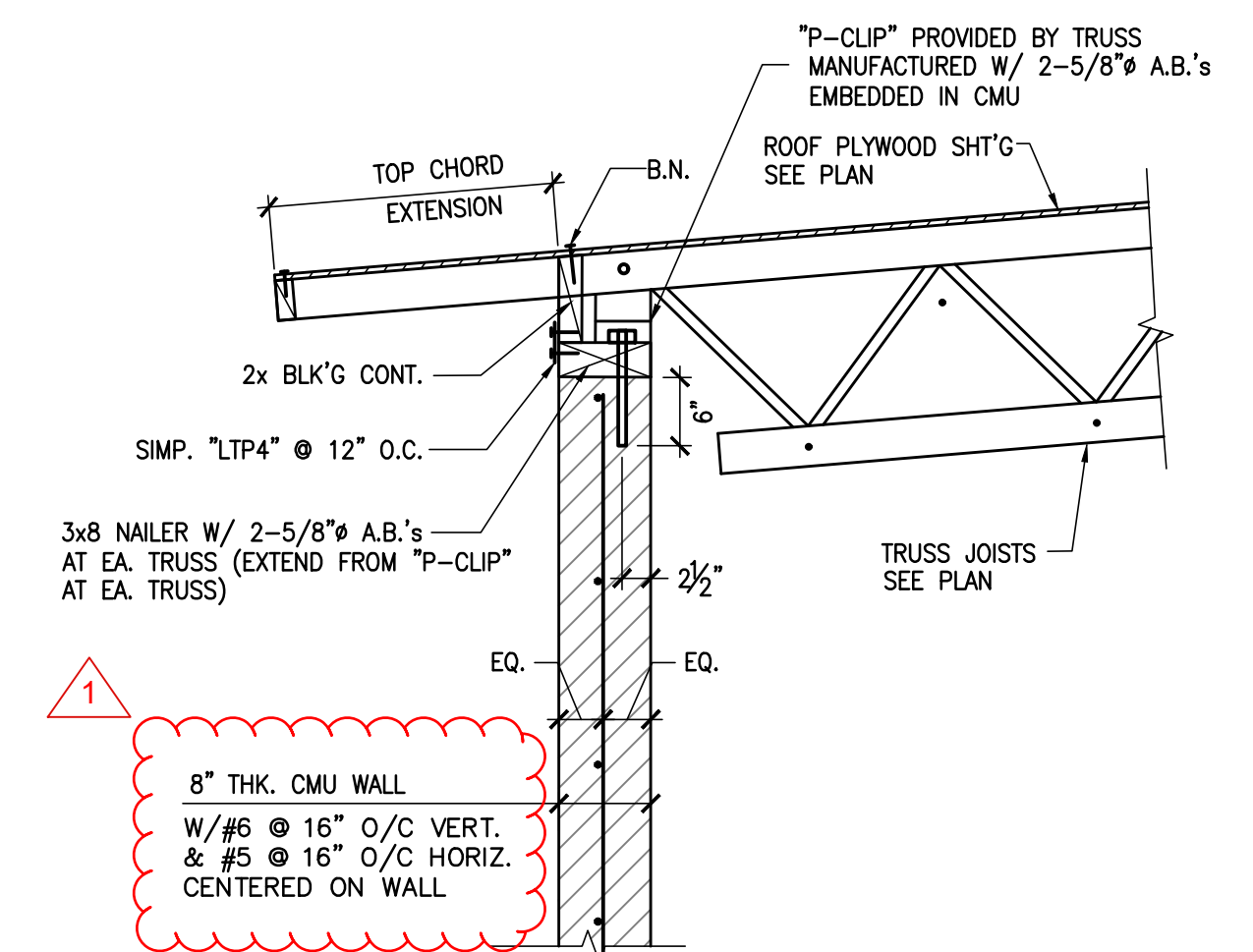
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TYP. CMU LOAD BEARING WALL REINFORCING AT OPENINGS

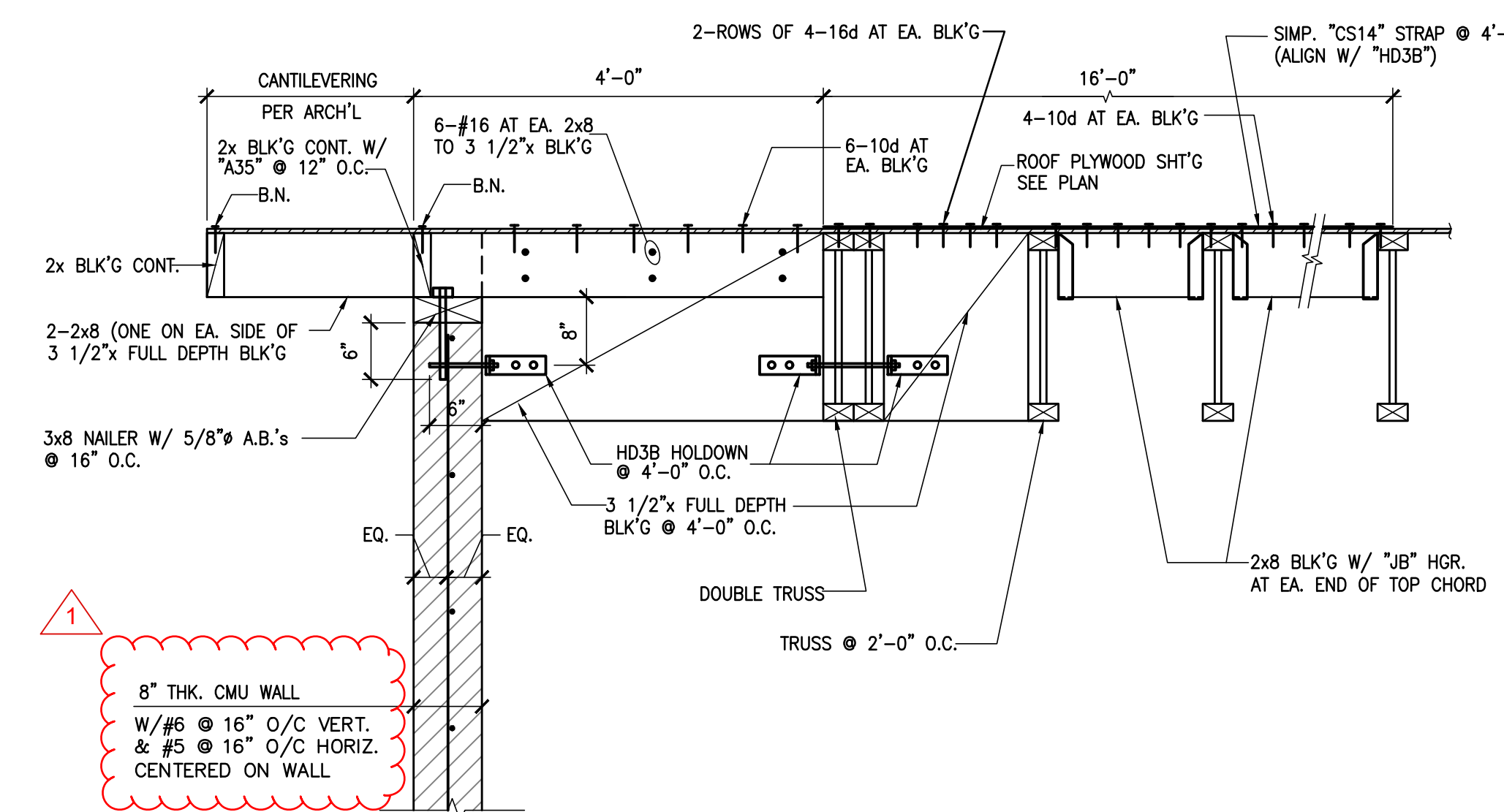
6	DETAIL
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2



DETAIL

3



DETAIL

4



A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

SEC OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

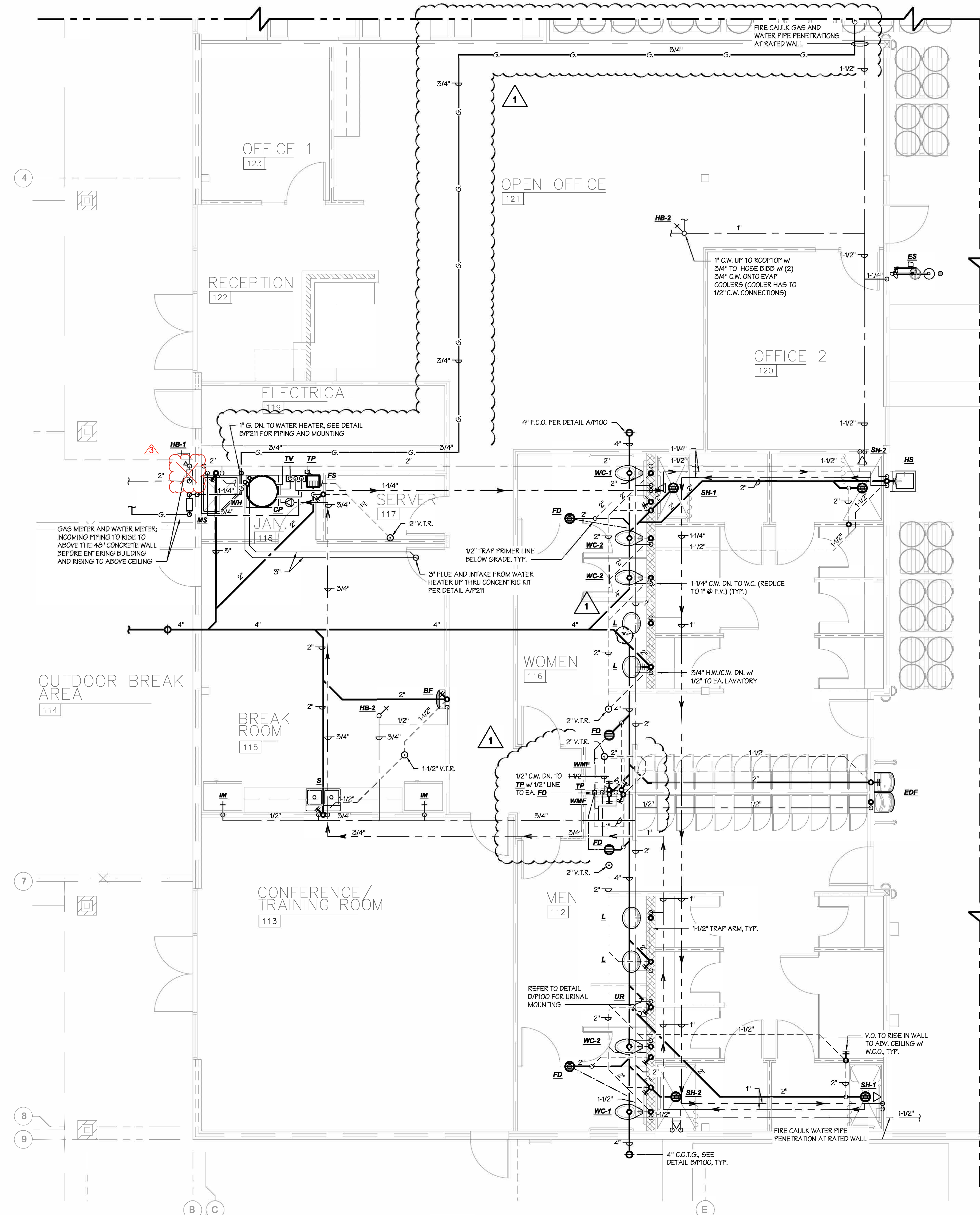
DATE	ISSUED FOR

REVISION	DESCRIPTION
7/13/26	ADDENDUM #5

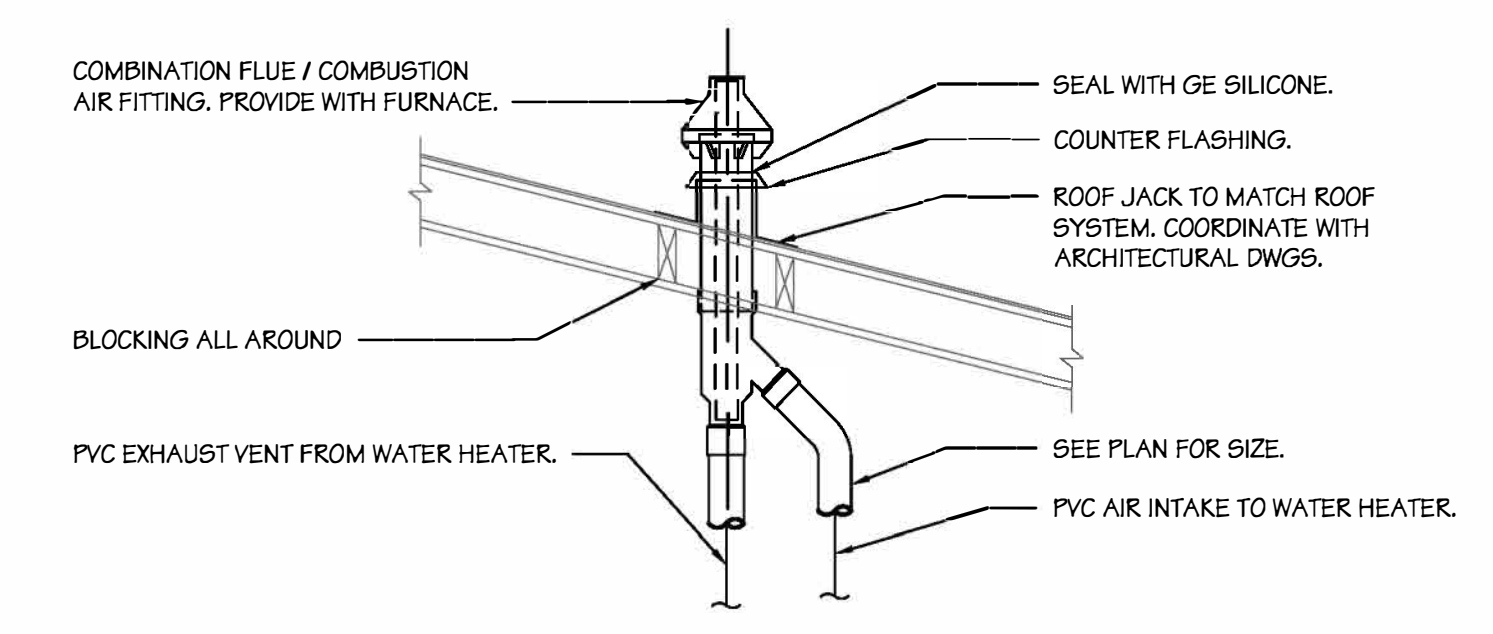
JOB	S3.1A
DP	
PM	

S3.1A

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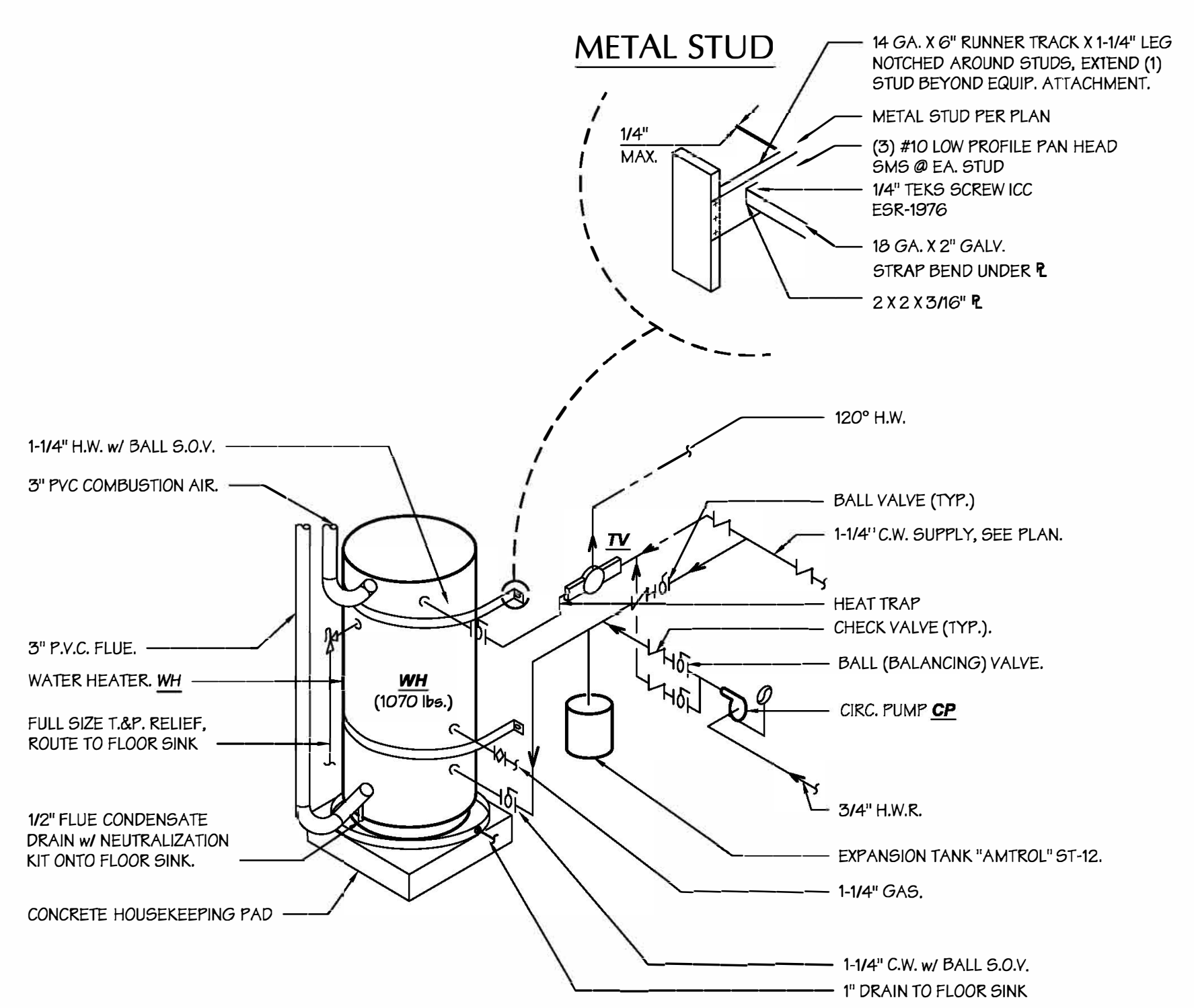


PLUMBING PLAN
SCALE: 1/4"=1'-0"



COMBINATION INTAKE/ COMBUSTION FLUE THRU ROOF

SCALE: NTS



WATER HEATER MOUNTING

SCALE: N.T.S.

GAS CALC's (7"-11" w.c.)(150'):

1	Radiant heater tube	@	40	M.B.H.	=	40
1	Water heater	@	125	M.B.H.	=	125
			TOTAL			165

1-1/4" G. TO START (per 2022 CPC table 1215.2(1))
(132" TDL)

A NEW BUILDING FOR:



**KERN COUNTY
SPECIAL WASTE
FACILITY**

SEC OF DOWNING AVE &
WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR

REVISION	DESCRIPTION
1	BACK CHECK
2	REVISION
3	ADDENDUM 5

JOB	P211A
DR	
PM	

LED FIXTURE SCHEDULE							
		LED MODULE					
TYPE	MANUFACTURER AND CATALOG NUMBER	TYPE	COLOR TEMP	WATTS	DRIVER	OPTIC/LENS	REMARKS
A 25	FOCAL POINT FEQ2 24 AC 40L 35K 1C UNV L11 GX WH		3500K	38	0-10V	DIFFUSE	2X4
B 88	LITHONIA CPHB12LM MVOLT 40K TLS WH		4000K	88	0-10V	GLARE CONTROL	COMPACT BAY LIGHT W/ MOTION SENSOR
C 35	LITHONIA FMLWL848 40K		4000K	40	0-10V	DIFFUSE	WRAP AROUND
D 14	LITHONIA LDN4-35/15-LO4ARLDTRW MVOLTGZ10		3500K	14	0-10V	DIFFUSE	4" DOWNLIGHT
E 3	ISOLITE RLPGUWHMTEB		GREEN	3	NICAD BATTERY	PRISMATIC	EXIT SIGN WITH EM LIGHT
EM 6	ISOLITE BUG6WH		4000K	6	NICAD BATTERY	PRISMATIC	EM LIGHT
F1 550	A-LIGHT G3-36FT-LVH-40-U-HE-F-T-D-Q		4000K	36/19	0-10V	HE TECH	S/M CEILING 36FT LINEAR LIGHT
F2 832	A-LIGHT G3-48FT-LVH-40-U-HE-F-T-D-Q		4000K	48/19	0-10V	HE TECH	S/M CEILING 48FT LINEAR LIGHT
F3 76	A-LIGHT G3-4FT-LVH-40-U-HE-F-T-D-Q		4000K	4/19	0-10V	HE TECH	S/M CEILING 4FT LINEAR LIGHT
G 47	HOLOPHANE HXPLL4825LASNDM40K		4000K	47	0-10V	HE TECH	4 FT CLASS 1 DIV 1 FIXTURE
EX 17	ISOLITE OWLEM BZ MB OR APPROVED EQUAL		4000K	17	NICAD BATTERY	PRISMATIC	WET LISTED EM LIGHT
V 27	LITHONIA FMVCSLS74INMVOLT40K90CRIBNM6 OR APPROVED EQUAL		4000K	27	0-10V	DIFFUSE	VANITY SCONCE



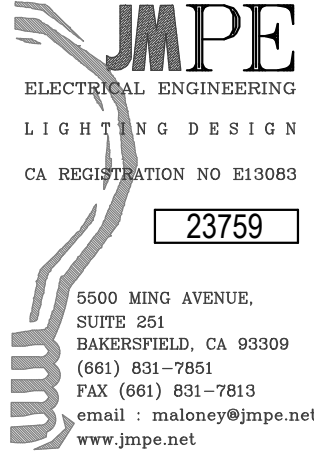
SITE LED FIXTURE SCHEDULE							
		LED MODULE					
TYPE	MANUFACTURER AND CATALOG NUMBER	TYPE	COLOR TEMP	WATTS	DRIVER	OPTIC/LENS	REMARKS
S1 248	LITHONIA (2)DSX1LEDP440K70CRIT5WMVOLTSPADDBXD		4000K	2/124	0-10V	FLAT CLEAR	DOUBLE PARKING LIT FIXTURE
	LITHONIA SSS23FT4GDM28ASDDBXD						POLE
S2 124	LITHONIA DSX1LEDP440K70CRIT3MMVOLTSPADDBXD		4000K	124	0-10V	FLAT CLEAR	TYPE 3 OPTIC PARKING LOT LIGHT
	LITHONIA SSS23FT4GDM19ASDDBXD						POLE
S3 124	LITHONIA DSX1LEDP440K70CRIT2MMVOLTSPADDBXD		4000K	124	0-10V	FLAT CLEAR	TYPE 2 OPTIC PARKING LOT LIGHT
	LITHONIA SSS23FT4GDM19ASDDBXD						POLE
X 33	LITHONIA WDGE2LEDP340K70CRIT3MDDBXD		4000K	33	0-10V	FLAT CLEAR	WEDGE FULL CUTOFF SCONCE
Y 15	LITHONIA WDGE1LEDP240K80CRIVWMVOLTDDBXD		4000K	15	0-10V	FLAT CLEAR	SMALL WEDGE FULLCUTOFF SCONCE
Z 14	LITHONIA EVO440/10ARMWDLSMVOLTZ1		4000K	14	0-10V	DIFFUSE	4" EXT. DOWNLIGHT

A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

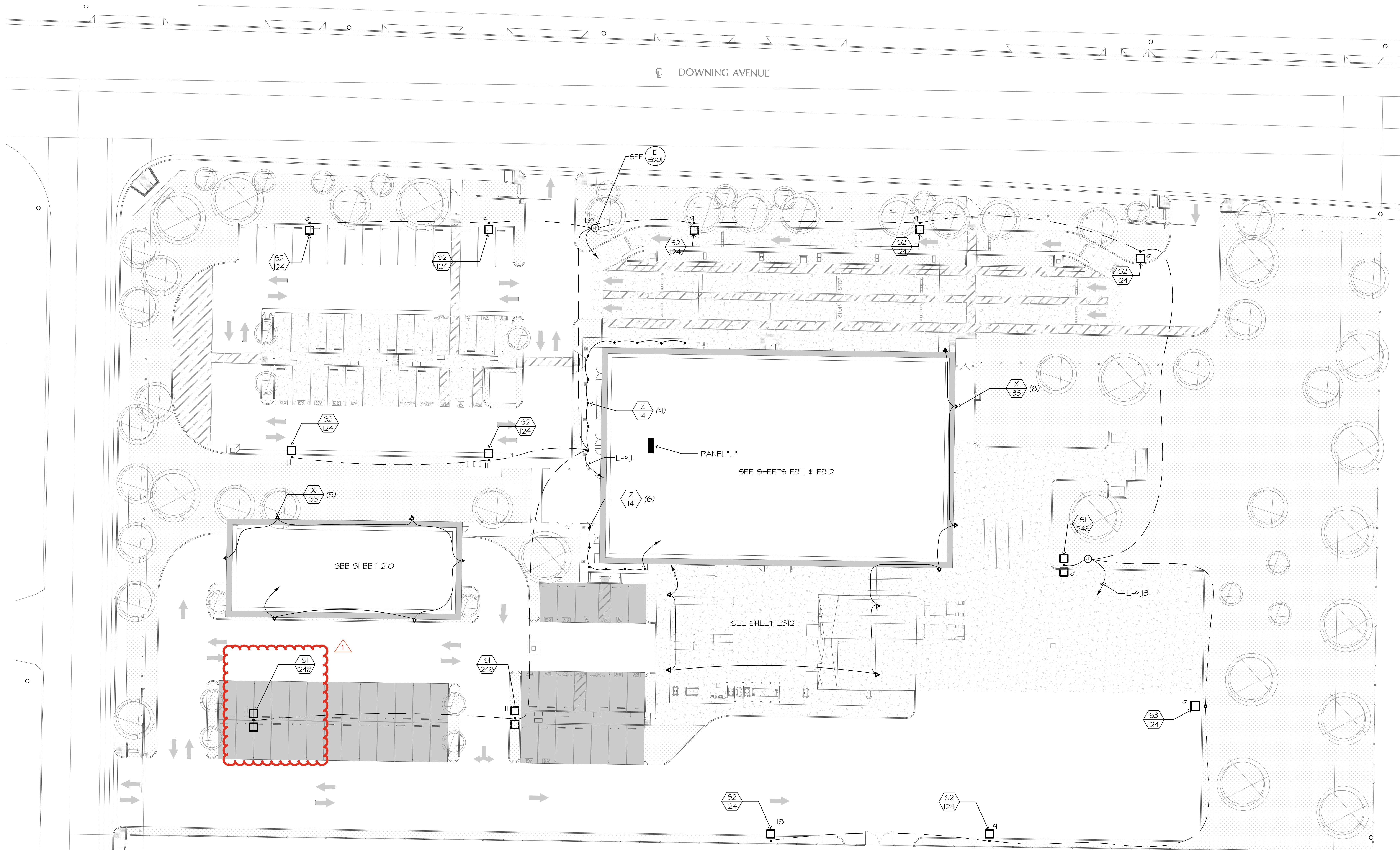
SEC OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA



DATE	ISSUED FOR

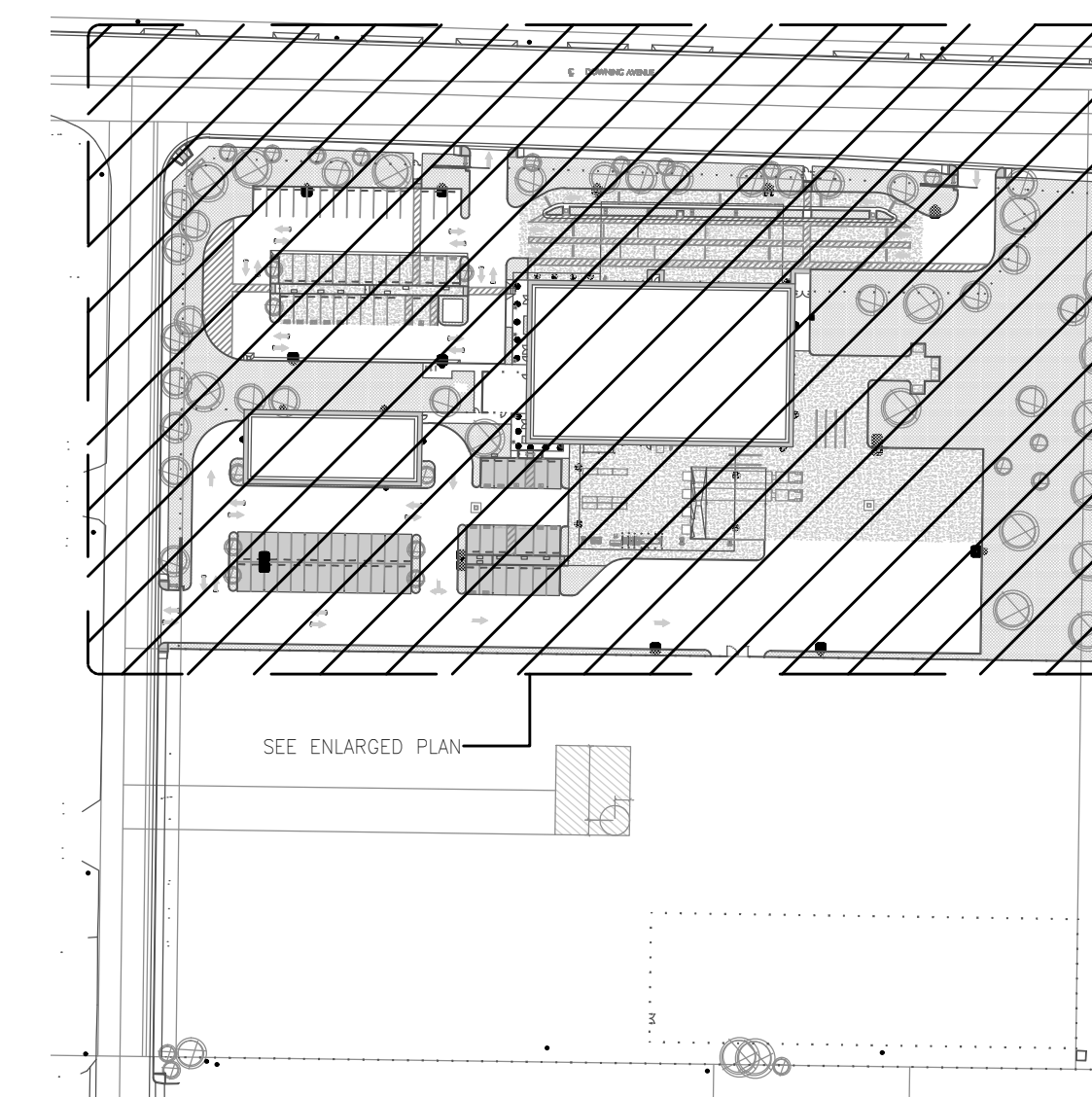
REVISION	DESCRIPTION
	ADDENDUM #5

JOB	
DP	
PM	E002A



SITE LIGHTING PLAN

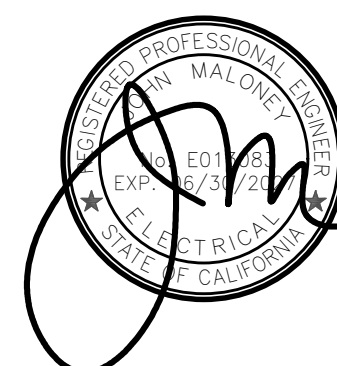
SCALE: 1"=20'-0"



KEY PLAN

N.S.

JMPE
ELECTRICAL ENGINEERING
LIGHTING DESIGN
CA REGISTRATION NO. 9130683
23759
6500 MING AVENUE,
SUITE 201
BAKERSFIELD, CA 93309
(805) 831-7801
FAX (805) 831-7813
email: maloney@jmpe.net
www.jmpe.net



A NEW BUILDING FOR:



**KERN COUNTY
SPECIAL WASTE
FACILITY**

**SEC OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA**

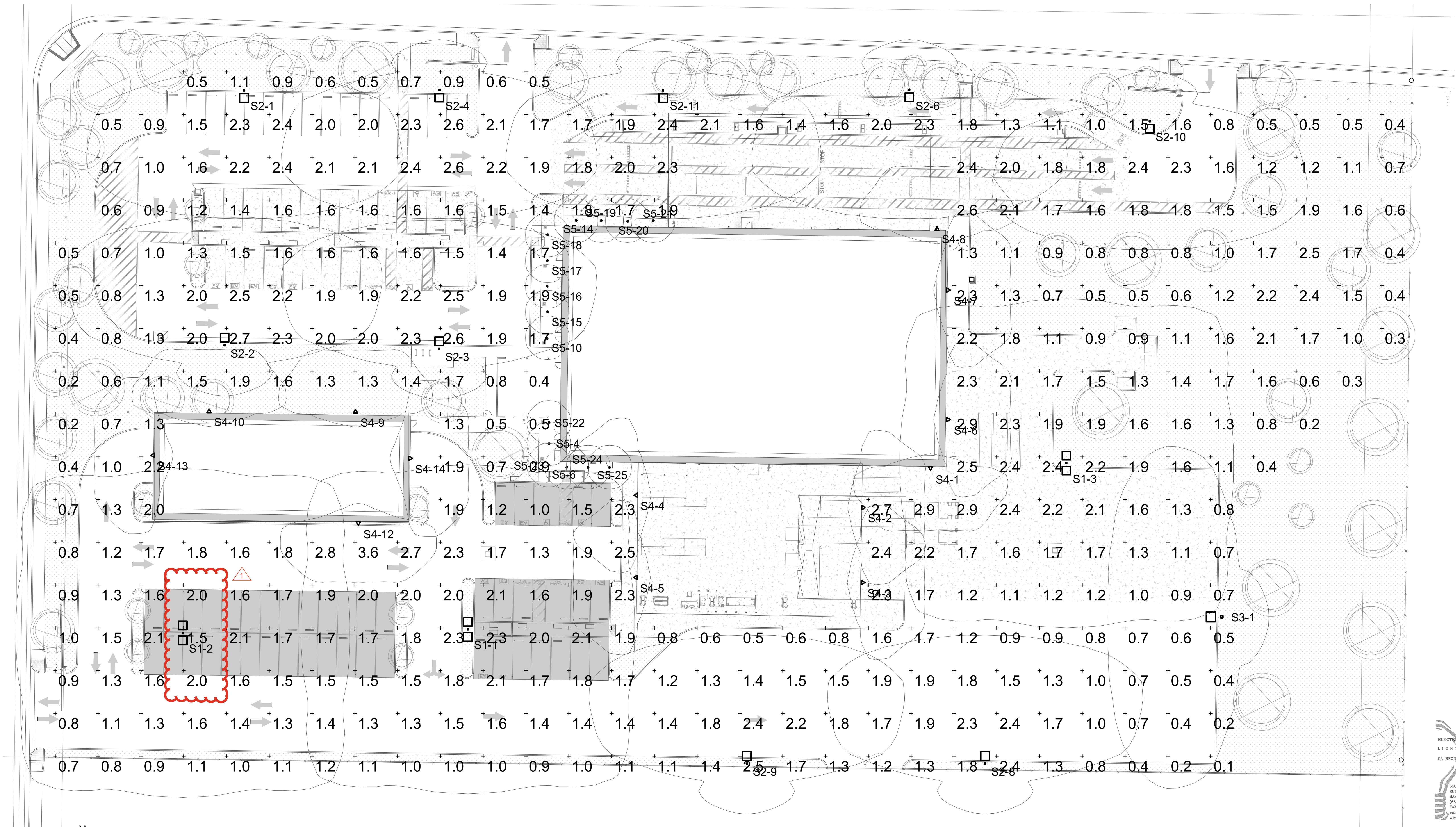
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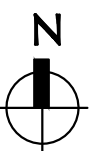
REVISION	DESCRIPTION
1	ADDENDUM #5

JOB	
DP	E101A
PM	

LIGHTING SCHEDULE											
Symbol	Label	Qty	Manufacturer	Catalog Number	Description	Number Lamps	Lamp Output	LLF	Input Power	Distribution	Notes
	S1	3	Lithonia Lighting	DSX1 LED P4 40K 70 CRI T5W MVOLT SPA DOBX/SSS 23FT 4G DM26AS DOBXD	D-Series Size 1 Area Luminaire P4 Performance Package 4000K CCT 70 CRI Type 5 Wide	1	17013	0.92	247.86	TYPE VS, BUG RATING: B5 - U0 - G3	MOUNTED ON 2FT BASE
	S2	9	Lithonia Lighting	DSX1 LED P4 40K 70CRI T3M MVOLT SPA DOBX/SSS 23FT 4G DM19AS DOBXD	D-Series Size 1 Area Luminaire P4 Performance Package 4000K CCT 70 CRI Type 3 Medium	1	16032	0.92	123.94	TYPE IV, MEDIUM, BUG RATING: B2 - U0 - G4	MOUNTED ON 2FT BASE
	S3	1	Lithonia Lighting	DSX1 LED P4 40K 70CRI T3M MVOLT SPA DOBX/SSS 23FT 4G DM19AS DOBXD	D-Series Size 1 Area Luminaire P4 Performance Package 4000K CCT 70 CRI Type 2 Medium	1	15849	0.92	123.94	TYPE III, MEDIUM, BUG RATING: B3 - U0 - G4	MOUNTED ON 2FT BASE
	S4	13	Lithonia Lighting	WEDGE2 LED P3 40K 70CRI T3M	WEDGE2 LED WITH P3 - PERFORMANCE PACKAGE, 4000K, 70CRI, TYPE 3 MEDIUM OPTIC	1	3629	0.92	32.1375	TYPE III, MEDIUM, BUG RATING: B1 - U0 - G1	
	S5	15	GOTHAM	EV04 40/10 AR MWD LS MVOLT E21	LED RECESSED 4IN ROUND DOWNLIGHT	1	1017	0.92	8.8	DIRECT, SC-0=1.08, SC- 90=1.08	

STATISTICS							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	UG
SITE LIGHTING	+	1.5 fc	3.6 fc	0.1 fc	36.0:1	15.0:1	5.9



 SITE LIGHTING PHOTOMETRIC PLAN

SCALE: 1"=20'-0"

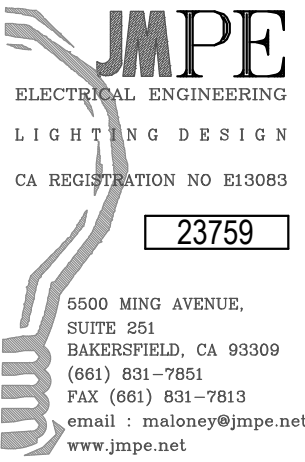
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A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
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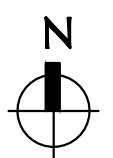
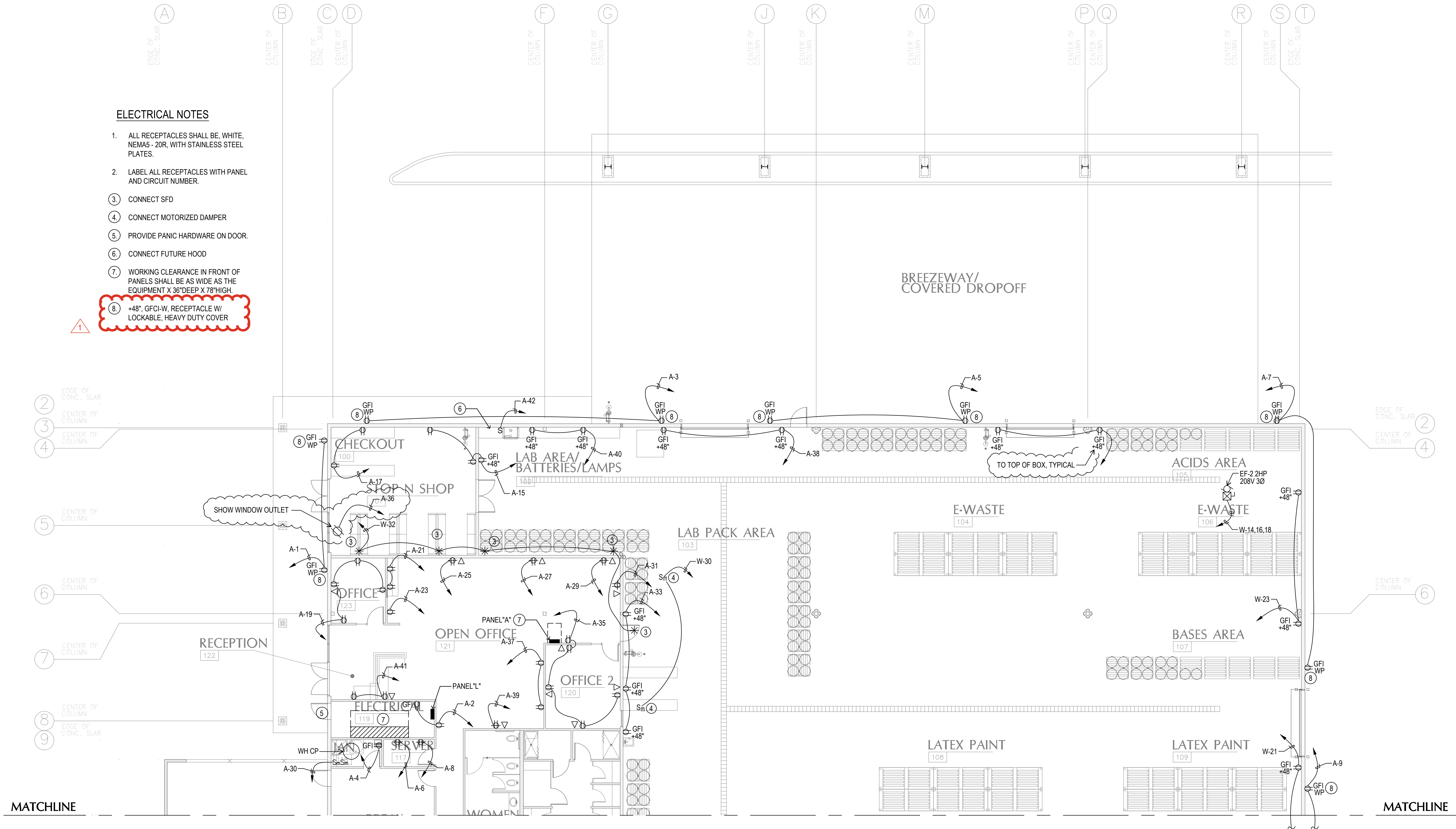
SEC OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA



DATE	ISSUED FOR
REVISION	DESCRIPTION
	ADDENDUM #5
JOB	
DP	E102A
PM	

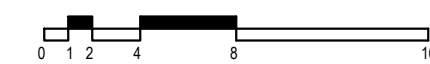
ELECTRICAL NOTES

1. ALL RECEPTACLES SHALL BE, WHITE, NEMA5 - 20R, WITH STAINLESS STEEL PLATES.
2. LABEL ALL RECEPTACLES WITH PANEL AND CIRCUIT NUMBER.
3. CONNECT SFD
4. CONNECT MOTORIZED DAMPER
5. PROVIDE PANIC HARDWARE ON DOOR.
6. CONNECT FUTURE HOOD
7. WORKING CLEARANCE IN FRONT OF PANELS SHALL BE AS WIDE AS THE EQUIPMENT X 36" DEEP X 78" HIGH.
8. -48" GFI-W, RECEPTACLE W/ LOCKABLE, HEAVY DUTY COVER

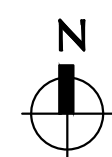
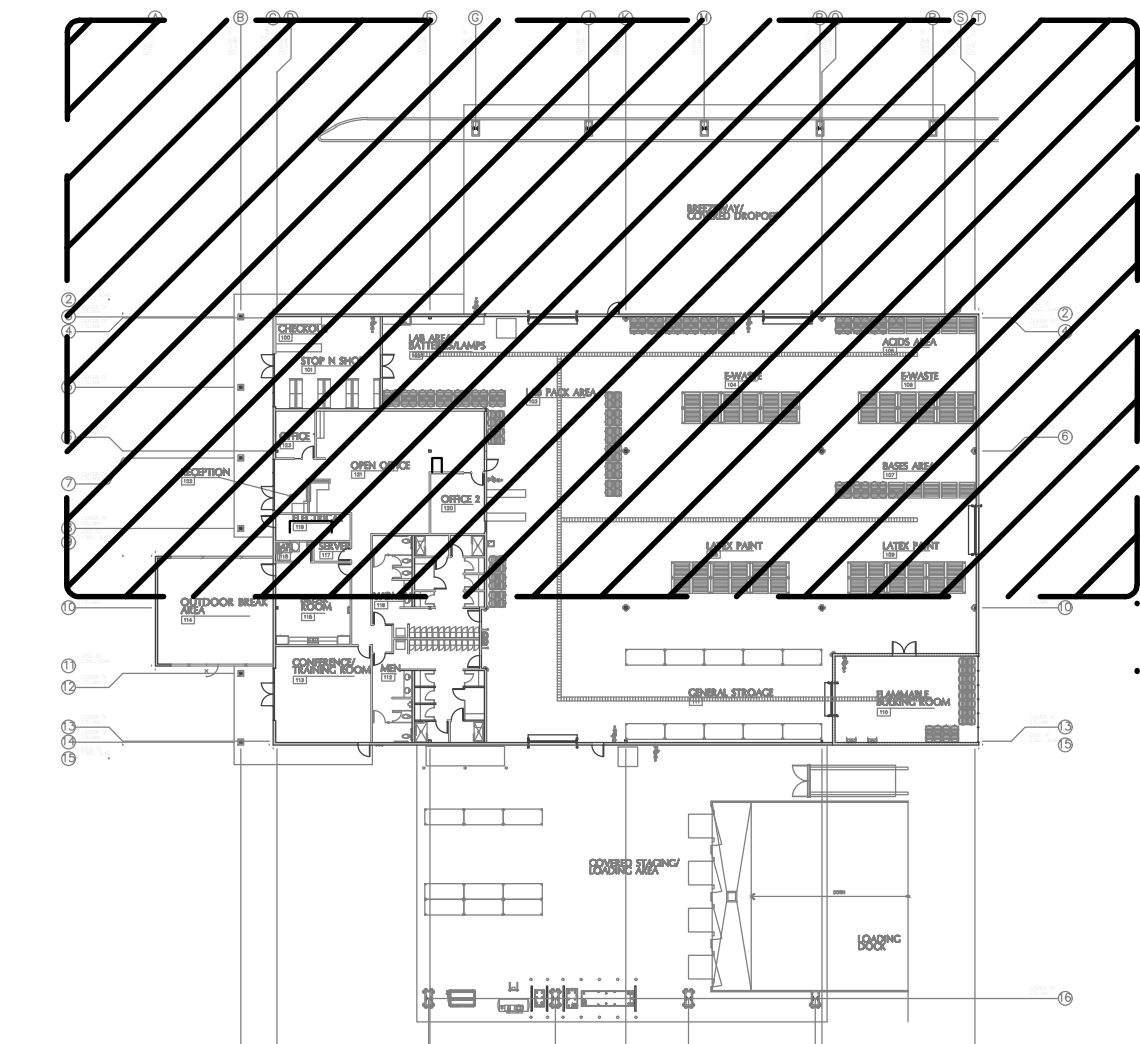


ENLARGED POWER FLOOR PLAN - NORTH

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



EXTERIOR ELEVATIONS



KEY PLAN

N.S.

A NEW BUILDING FOR:



KERN COUNTY SPECIAL WASTE FACILITY

SEC OF DOWNING AVE & WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR

REVISION	DESCRIPTION
1	ADDENDUM #5

JOB	
DP	E211A
PM	

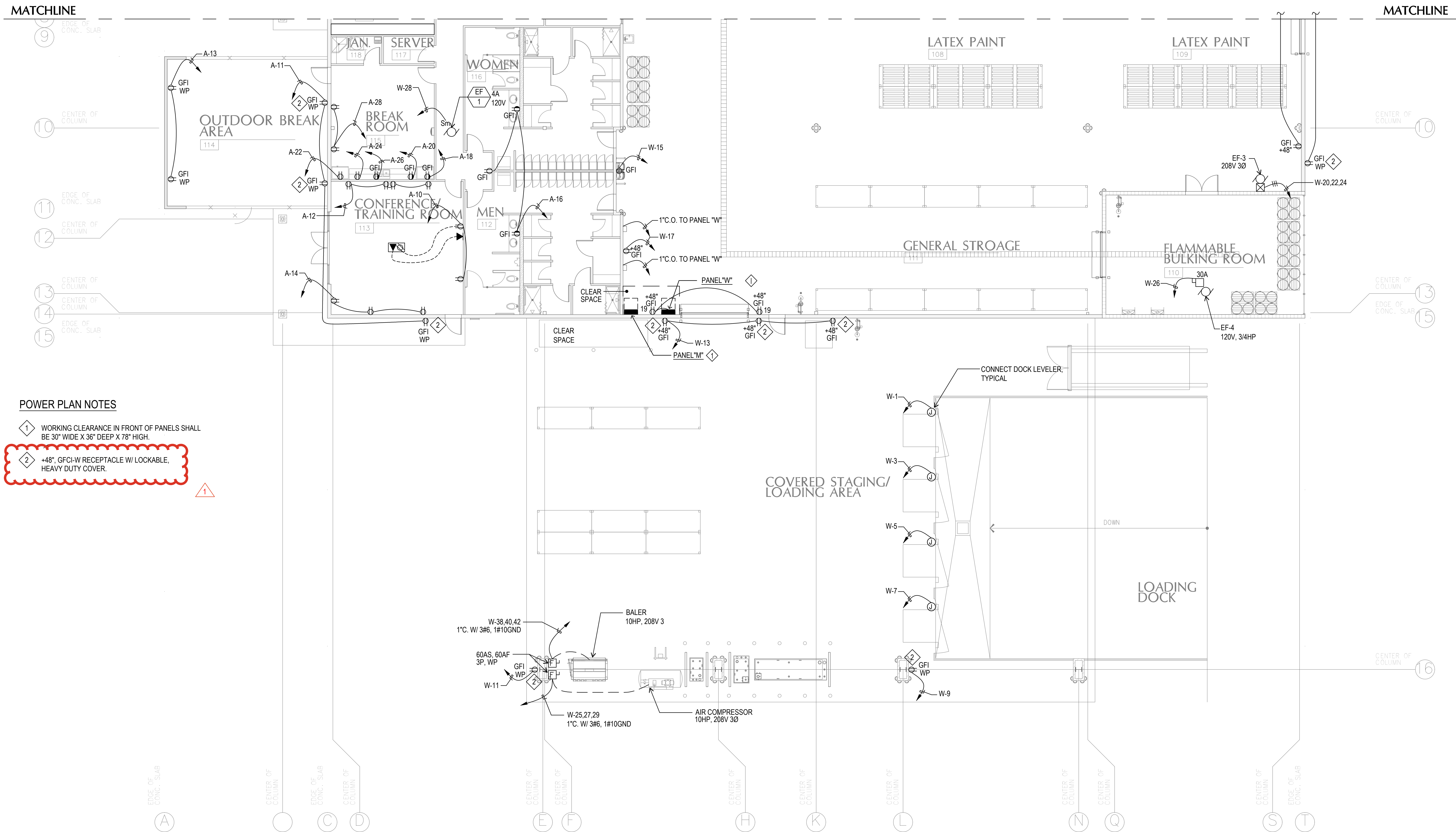
JMPE
ELECTRICAL ENGINEERING
LIGHTING DESIGN
CA REGISTRATION NO. 6130683
23759
8550 MIND AVENUE,
SUITE 201
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POWER PLAN NOTES

1 WORKING CLEARANCE IN FRONT OF PANELS SHALL BE 30" WIDE X 36" DEEP X 78" HIGH.

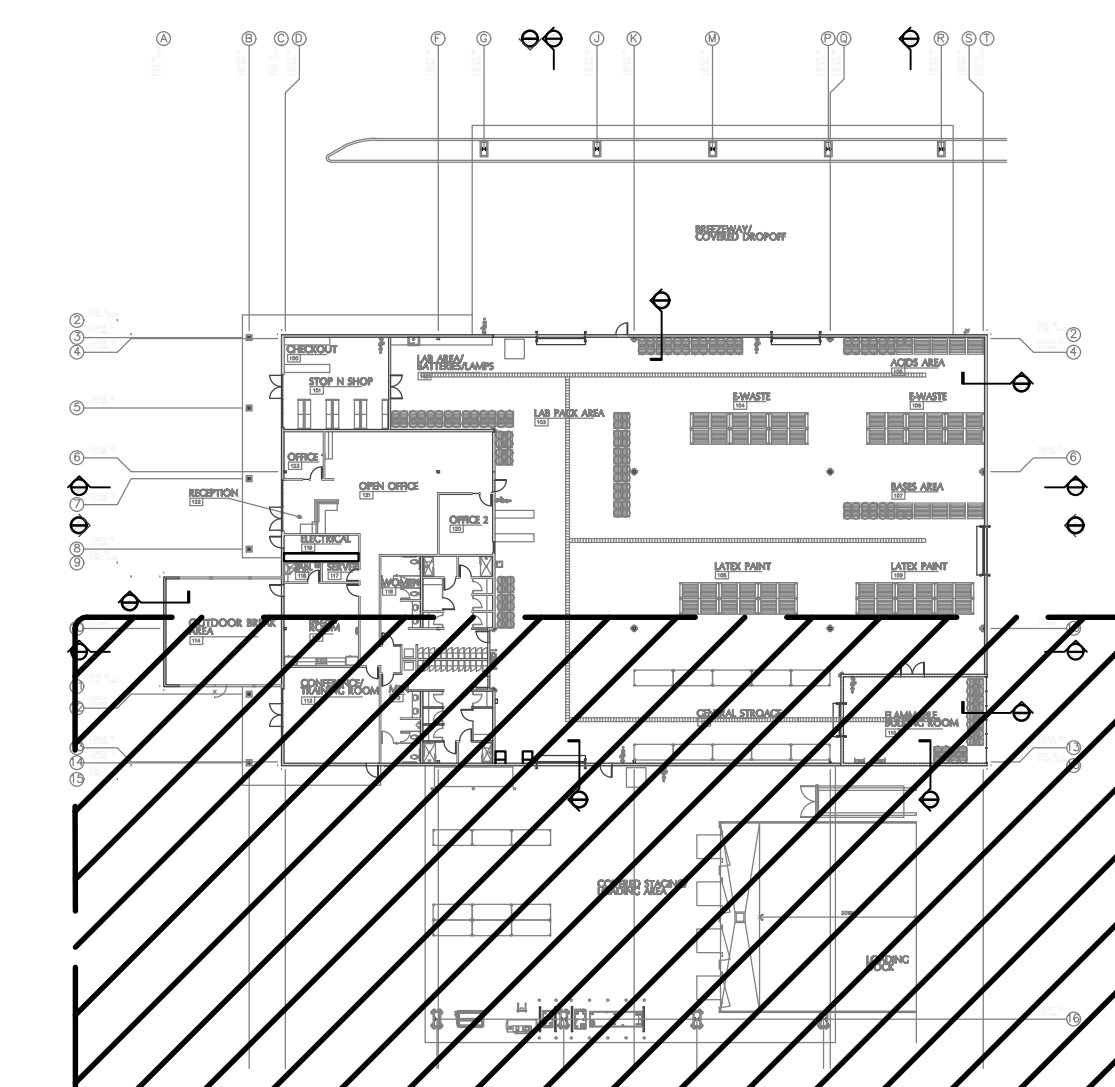
2 +48" GFCI-W RECEPTACLE W/ LOCKABLE, HEAVY DUTY COVER.



ENLARGED POWER FLOOR PLAN - SOUTH

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

EXTERIOR ELEVATIONS



KEY PLAN

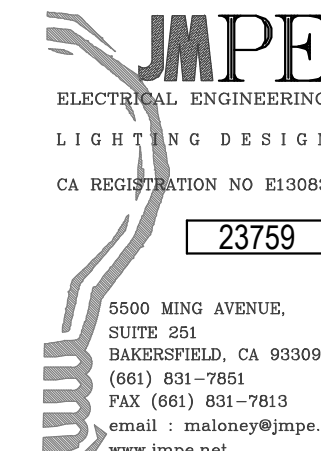
N.S.

A NEW BUILDING FOR:



KERN COUNTY
SPECIAL WASTE
FACILITY

SEC OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

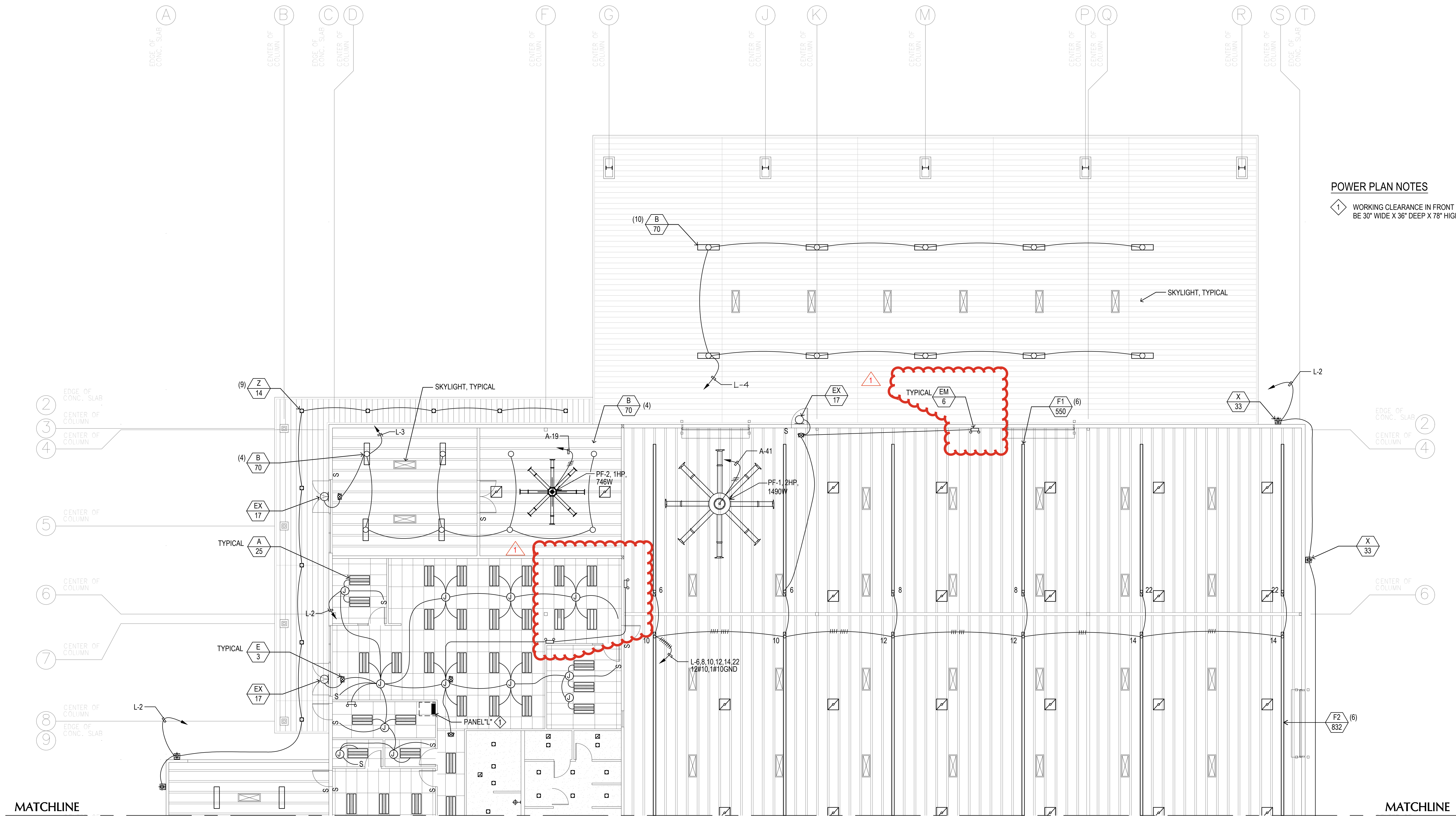


DATE	ISSUED FOR

REVISION	DESCRIPTION
1	ADDENDUM #5

JOB	
DP	E212A
PM	

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POWER PLAN NOTES

- 1 WORKING CLEARANCE IN FRONT OF PANELS SHALL BE 30" WIDE X 36" DEEP X 78" HIGH.

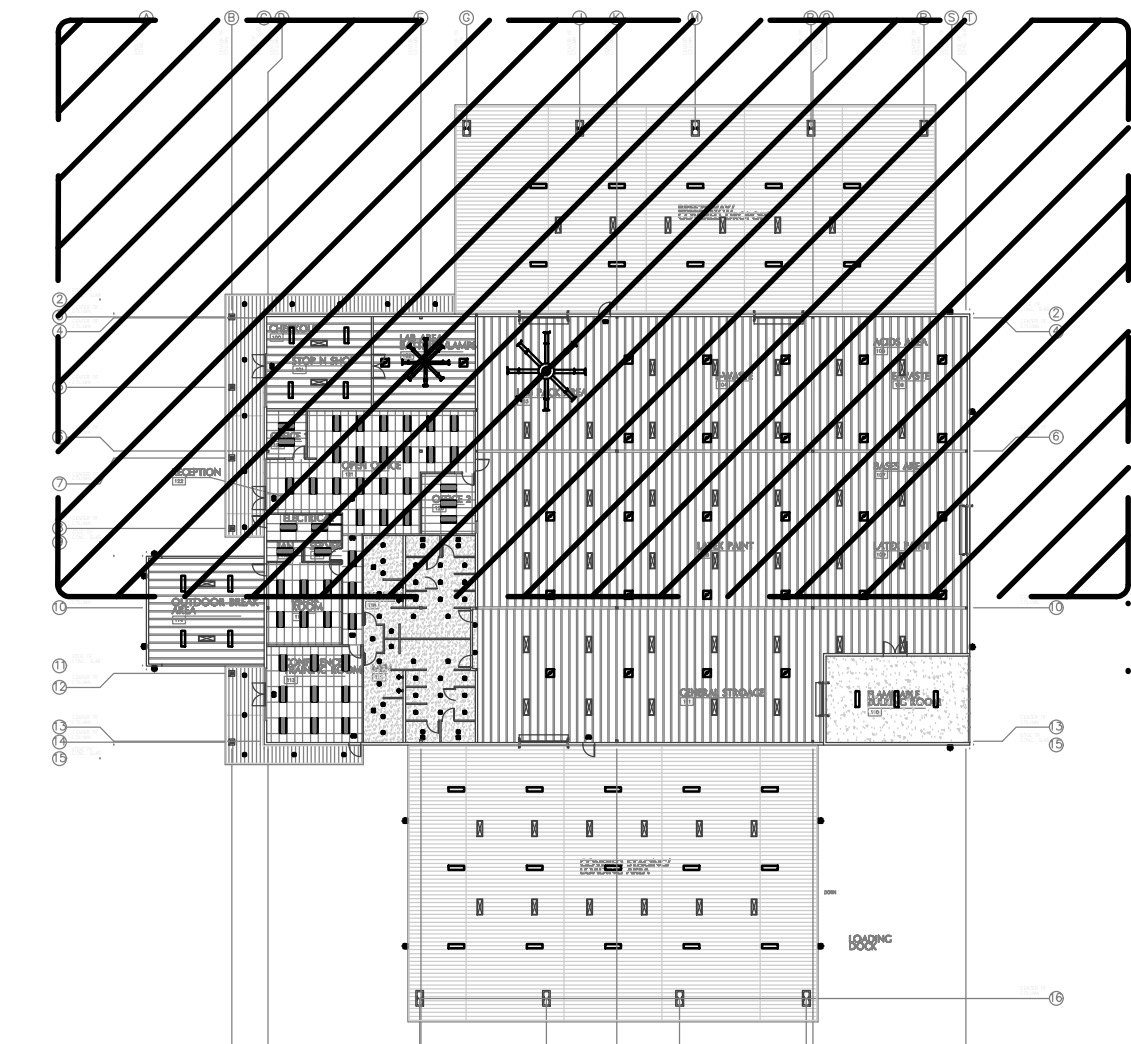
A NEW BUILDING FOR:



**KERN COUNTY
SPECIAL WASTE
FACILITY**

SEC OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

OOF PLAN



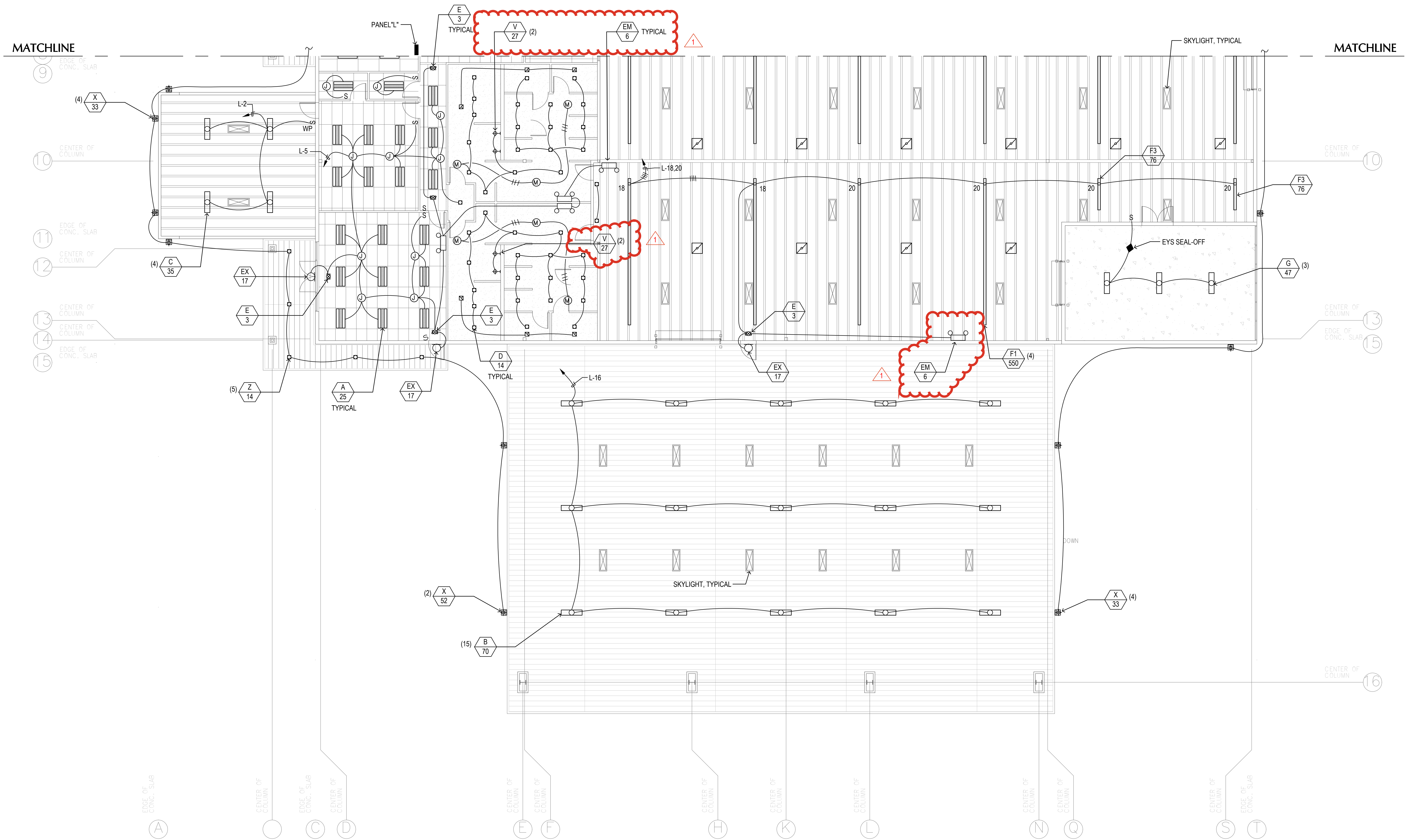
KEY PLAN

N.S.

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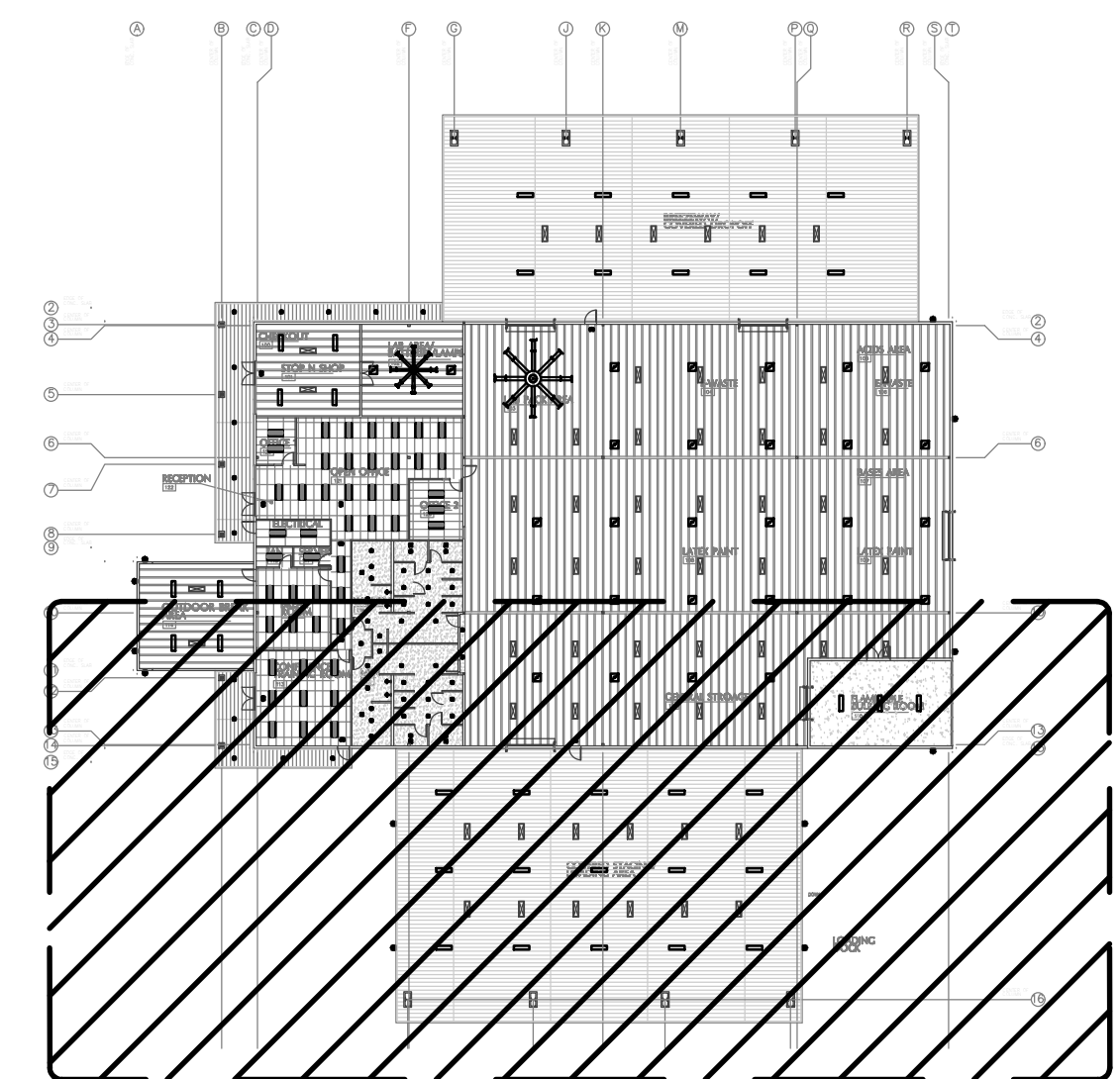


DATE	ISSUED FOR
REVISION	DESCRIPTION
1	ADDENDUM #5
JOB	
DP	E311A
PM	



ENLARGED LIGHTING FLOOR PLAN - SOUTH

OOB PLAN



A NEW BUILDING FOR:



**KERN COUNTY
SPECIAL WASTE
FACILITY**

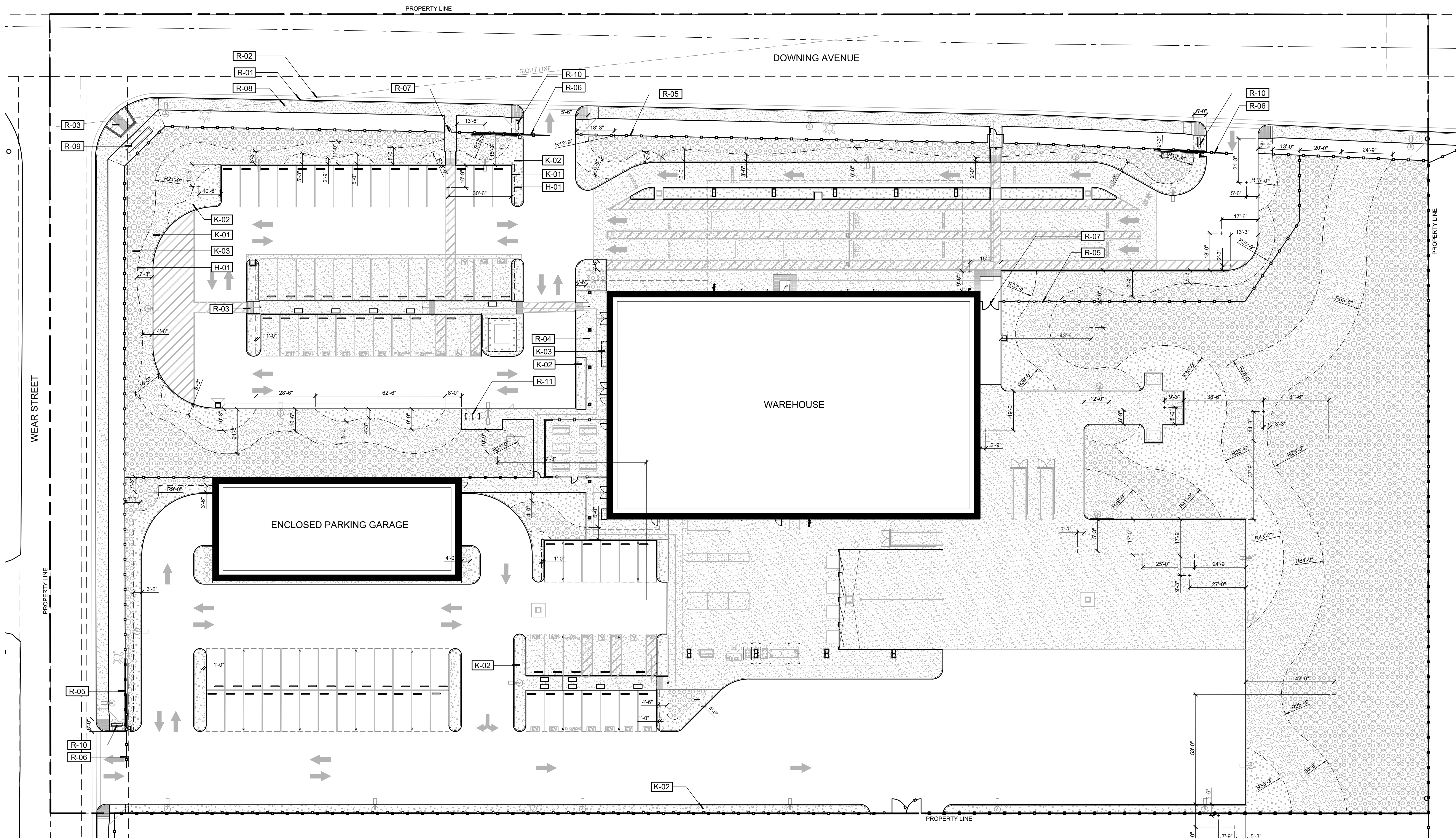
**SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CA 93301**

DATE	ISSUED FOR

REVISION	DESCRIPTION
1	ADDENDUM #5

JOB	
DP	E312A
PM	





REFERENCE NOTES SCHEDULE

CODE DESCRIPTION

HEAD BOARDS

[H-01] BENDA BOARD HEADER
MANUFACTURER: EPIC PLASTICS
SIZE: 1"x6"
COLOR: REDWOOD
NOTE: OR APPROVED EQUAL

ROCK

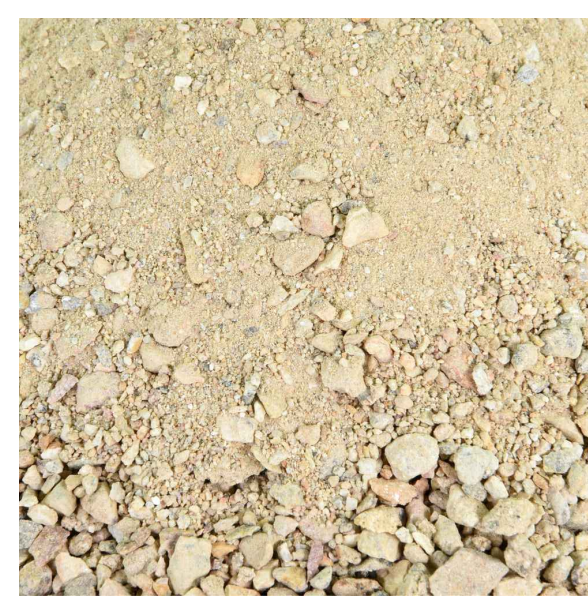
[K-01] DECOMPOSED GRANITE
MANUFACTURER: KRC ROCK
COLOR: PALM SPRINGS GOLD
NOTE: NON-STABILIZED, OR APPROVED EQUAL

[K-02] CRUSHED GRAVEL
MANUFACTURER: KRC ROCK
COLOR: CHAMOIS BEIGE
SIZE: 3/8"
NOTE: OR APPROVED EQUAL

[K-03] DECORATIVE LANDSCAPE COBBLE
MANUFACTURER: KRC ROCK
COLOR: BEACH PEBBLE BUFF
SIZE: 3"-5"
NOTE: OR APPROVED EQUAL

REFERENCE

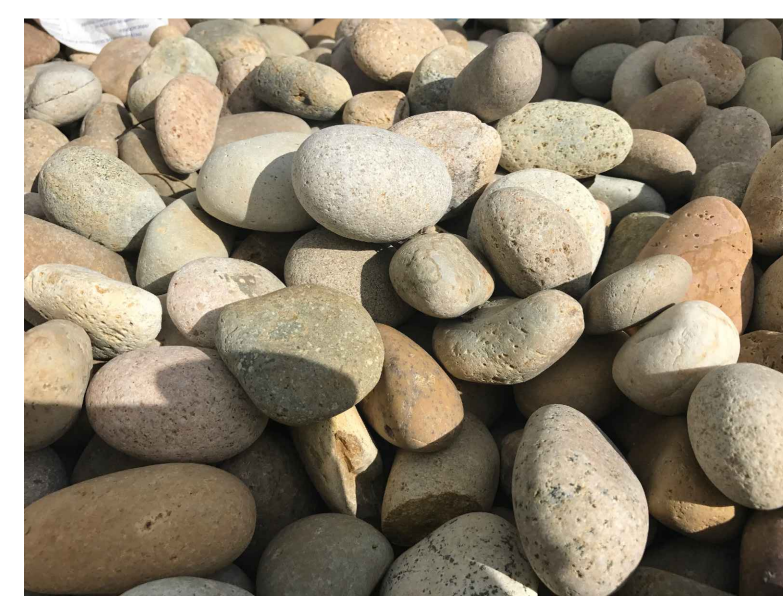
[R-01] CURB, REFER TO ARCHITECT
[R-02] GUTTER, REFER TO ARCHITECT
[R-03] CURB RAMP, REFER TO CIVIL ENGINEER
[R-04] CONCRETE WALK, REFER TO ARCHITECT
[R-05] SITE FENCING, REFER TO ARCHITECT
[R-06] VEHICULAR ENTRY GATE, REFER TO ARCHITECT
[R-07] PEDESTRIAN ENTRY GATE, REFER TO ARCHITECT
[R-08] PUBLIC SIDEWALK, REFER TO ARCHITECT
[R-09] ENTRY MONUMENT - TYPE 1, REFER TO ARCHITECT
[R-10] ENTRY MONUMENT - TYPE 2, REFER TO ARCHITECT
[R-11] BIKE RACK, REFER TO ARCHITECT
MANUFACTURER: DUMOR, INC.
MODEL: 291-00HG/S-2
NOTE: OR APPROVED EQUAL; INSTALL PER MANUFACTURER'S RECOMMENDATIONS



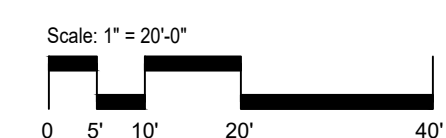
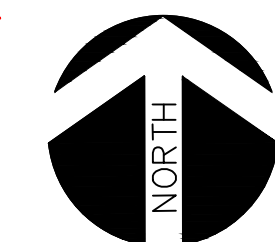
DECOMPOSED GRANITE



CRUSHED STONE



DECORATIVE LANDSCAPE PEBBLE



GENERAL IRRIGATION NOTES

ALL LOCAL MUNICIPAL AND STATE LAWS, RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM THE WORK INDICATED HEREIN BEFORE BEGINNING WORK. THIS DESIGN IS DIAGRAMMATIC. ALL EQUIPMENT SHOWN IN PAVED AREAS IS FOR DESIGN CLARITY ONLY AND IS TO BE INSTALLED WITHIN PLANTING AREAS.

DO NOT WILLFULLY INSTALL ANY EQUIPMENT AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN UTILITIES WERE NOT EVIDENT AT THE TIME THESE PLANS WERE PREPARED. ANY SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO ANY WORK OR THE IRRIGATION CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY FIELD CHANGES DEEMED NECESSARY BY THE OWNER.

INSTALL ALL EQUIPMENT AS SHOWN IN THE DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH LOCAL CITY, COUNTY AND STATE REQUIREMENTS FOR BOTH EQUIPMENT AND INSTALLATION. ACTUAL LOCATION FOR THE INSTALLATION OF THE BACKFLOW PREVENTER AND THE AUTOMATIC CONTROLLER IS TO BE DETERMINED IN THE FIELD BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

CONTRACTOR IS TO PROVIDE AN ADDITIONAL PILOT WIRE TO THE END OF THE MAINLINE RUN IN TWO DIRECTIONS FROM THE CONTROLLER. ALL PIPE UNDER PAVED AREAS TO BE INSTALLED IN A SCH. 40 SLEEVE SIZE PER THE NOTE BELOW THE IRRIGATION SLEEVE SIZE CHART. ALL WIRE UNDER PAVED AREAS TO BE INSTALLED IN A SCH. 40 SLEEVE SIZE REQUIRED TO EASILY PULL WIRE THROUGH. ALL SLEEVES TO BE INSTALLED WITH A MINIMUM DEPTH AS SHOWN ON THE SLEEVING DETAILS. SLEEVES TO EXTEND AT LEAST 12" PAST THE EDGE OF THE PAVING.

CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO BIDDING WORK AND AGAIN PRIOR TO COMMENCING WORK. VERIFICATION SHALL BE DOCUMENTED AND DELIVERED TO OWNER'S REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PLACEMENT OF ALL SCH. 40 PVC SLEEVING UNDER PAVING, WALLS AND CURBS AT NO LESS THAN 24" BELOW GRADE AND SIZE PER THE IRRIGATION SLEEVE SIZE CHART IN AREAS WHERE PIPE CROSSING WILL OCCUR.

ALL EQUIPMENT LOCATIONS AND PIPE ROUTING SHALL BE STAKED IN FIELD FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. ALL LAYOUT SHALL BE AS APPROVED BY THE OWNER'S REPRESENTATIVE, AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION. NO EQUIPMENT SHALL BE INSTALLED WITHOUT APPROVAL OF LAYOUT. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE INSTALLATION OF PROPOSED IRRIGATION EQUIPMENT AND RELATED EQUIPMENT, INCLUDING BUT NOT LIMITED TO R.C.V. CONTROL WIRES, ELECTRICAL WIRES, CONDUIT, REMOTE CONTROL VALVES, ETC. ALL LAYOUT AND LOCATIONS SHALL BE CONFIRMED WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK. CONTRACTOR SHALL REFER TO CORRESPONDING ON-SITE WATER AND SEWER PLAN FOR UNDERLYING WATERLINES, EASMENTS, AND OTHER RELATED EQUIPMENT. CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS IN FIELD WITH OWNERS AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK. CONTRACTOR SHALL MEET WITH THE OWNER PRIOR TO BEGINNING DEMOLITION OR ANY OTHER WORK, AND WALK SITE TO LOCATE EXISTING CONTROLLER AND LINES AND OTHER IRRIGATION TO BE PROTECTED IN PLACE.

NOTE: THIS DESIGN IS DIAGRAMMATIC. ALL EQUIPMENT SHOWN IN PAVED AREAS IS FOR DESIGN CLARITY ONLY AND IS TO BE INSTALLED WITHIN PLANTING AREAS.

VALVE LOCATION NOTE: ELECTRIC CONTROL VALVES AND ISOLATION VALVE LOCATIONS ON THIS DRAWING ARE APPROXIMATE. THE LANDSCAPE CONTRACTOR SHALL STAKE OUT EACH ELECTRICAL CONTROL VALVE AND ISOLATION VALVE LOCATION FOR REVIEW AND APPROVAL BY OWNER PRIOR TO INSTALLATION OF ALL VALVES. FINAL LOCATION AND EXACT POSITIONING FOR ELECTRIC CONTROL VALVES AND ISOLATION VALVES SHALL BE DETERMINED BY THE OWNER. MINOR MODIFICATIONS OF ELECTRIC CONTROL VALVES AND ISOLATION VALVE LOCATIONS AS REQUESTED BY THE OWNER SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FAILURE TO OBTAIN OWNER'S APPROVAL PRIOR TO THE INSTALLATION SHALL CAUSE THE CONTRACTOR TO MAKE OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO THE OWNER. IN GENERAL, UNLESS OTHERWISE DIRECTED BY OWNER, ALL VALVES SHALL BE INSTALLED THREE FEET FROM EDGE OF HARDSCAPE, WALK OR CURB IN SHRUB PLANTING AREAS.

NOTES: MAINLINE SHOWN WITHIN PAVING FOR CLARITY ONLY. ACTUAL MAINLINE LOCATION TO BE A MINIMUM OF 18" OFF ADJACENT HARDSCAPE AND OTHER OBSTACLES TYP.

IRRIGATION SLEEVES SHOWN FOR MAJOR STREET, DRIVEWAY AND HARDSCAPE CROSSINGS FOR CLARITY ONLY. CONTRACTOR SHALL INSTALL SLEEVES BELOW ALL PAVING, HARDSCAPE, ETC. AND AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE.

ALL PIPING, MAINLINE AND LATERAL, AND WIRE SHALL BE SLEEVED UNDER PAVING. ALL SLEEVES TO BE SIZED PER THE IRRIGATION SLEEVE SIZE CHART. ALL MAINLINE SHALL BE COMPAIGNED WITH A MINIMUM 2-INCH DIAMETER WIRE SLEEVE. SLEEVING TO EXTEND MINIMUM 12 INCHES BEYOND PAVING.

BUBBLERS AND LATERAL LINES ARE SHOWN WITHIN PAVING AND BUILDINGS FOR CLARITY ONLY. ACTUAL LOCATION TO BE WITHIN PLANTER. BUBBLERS SHALL BE ALIGNED WITH TREES AND AS DIRECTED BY OWNER'S AUTHORIZED REPRESENTATIVE. CONFIRM ALL LAYOUT IN FIELD WITH OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK.

I AGREE TO COMPLY WITH THE REQUIREMENTS OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE. (AB 1881 SEC. 492.3)

EQUIPMENT LOCATION NOTE

- INSTALL ALL IRRIGATION EQUIPMENT, PRESSURE MAIN LINE PIPING, CONTROL VALVES, ETC. WITHIN PLANTING AREA. ANY IRRIGATION EQUIPMENT SHOWN OUTSIDE OF PLANTING AREA IS FOR DRAWING CLARITY (TYPICAL).
- AUTOMATIC CONTROLLER AND ALL OTHER IRRIGATION EQUIPMENT LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. STAKE OUT IRRIGATION EQUIPMENT LOCATIONS FOR REVIEW AND APPROVAL BY OWNER PRIOR TO INSTALLATION. FINAL LOCATION AND EXACT POSITIONING OF IRRIGATION EQUIPMENT SHALL BE DETERMINED BY THE OWNER. MINOR MODIFICATIONS OF IRRIGATION EQUIPMENT LOCATIONS AS REQUESTED BY THE OWNER SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FAILURE TO OBTAIN OWNER'S APPROVAL PRIOR TO INSTALLATION SHALL CAUSE CONTRACTOR TO MAKE OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO OWNER.
- REMOTE CONTROL VALVE, QUICK COUPLING VALVE AND GATE VALVE, ETC. LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. THE CONTRACTOR SHALL STAKE OUT EACH ELECTRICAL CONTROL VALVE, QUICK COUPLING VALVE AND GATE VALVE, ETC. LOCATION FOR REVIEW AND APPROVAL BY OWNER PRIOR TO INSTALLATION OF VALVES. SEE DETAILS FOR ADDITIONAL VALVE INSTALLATION INFORMATION. FINAL LOCATION AND EXACT POSITIONING OF IRRIGATION EQUIPMENT SHALL BE APPROVED BY THE OWNER. MINOR MODIFICATIONS OF IRRIGATION EQUIPMENT LOCATIONS AS REQUESTED BY THE OWNER SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FAILURE TO OBTAIN OWNER'S APPROVAL PRIOR TO INSTALLATION SHALL CAUSE CONTRACTOR TO MAKE OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO OWNER.

IRRIGATION SLEEVE SIZES

PIPE SIZE	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
SLEEVE SIZE	3"	3"	3"	4"	4"	4"	6"	8"	12"

NOTE: IRRIGATION CONTROL WIRE CONDUIT SIZE SHALL BE 2-5"

SLEEVES ARE REQUIRED FOR ALL IRRIGATION PIPING INSTALLED UNDER PAVING AREAS. REFER TO IRRIGATION SLEEVE SIZING CHART SHOWN ON THIS SHEET FOR IRRIGATION SLEEVE SIZE (TYPICAL). NOTE: FOR DRAWING CLARITY ALL IRRIGATION SLEEVES ARE NOT SIZED, BUT SHALL BE INSTALLED AND INCLUDED AS PART OF THE CONTRACTOR'S BID. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE ITSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, FOOTINGS, ETC. AND COORDINATE ITS WORK WITH OTHER TRADES FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER FOOTINGS, UNDER ROADWAYS, UNDER PAVING, STRUCTURES, ETC.

MAWA / ETWU CALCULATIONS

Site Information								
Site Name →		KERN COUNTY SPECIAL WASTE FACILITY						
Site Type →		Commercial						
Annual Eto (inches/yr)		52.4						
Hydrozone or Planting Description	Plant Factor (PF)	Irrigation Method	Irrigation Efficiency (IE)	ETAF (Pf/IE)	Hydrozone Area (sq.ft.)	ETAF x Area	Estimated Total Water Use (gal./yr.)	
Regular Landscape Areas								
1	0.5	Mod./Ave.	Drip	0.81	0.6	1,906	1,177	38,224
2	0.2	Low	Drip	0.81	0.2	3,004	742	24,097
3	0.5	Mod./Ave.	Bubbler	0.81	0.6	40	25	802
4	0.2	Low	Drip	0.81	0.2	1,427	352	11,447
5	0.2	Low	Bubbler	0.81	0.2	35	9	281
6	0.2	Low	Drip	0.81	0.2	11,628	2,871	93,277
7	0.5	Mod./Ave.	Bubbler	0.81	0.6	65	40	1,304
8	0.2	Low	Drip	0.81	0.2	2,106	520	16,894
9	0.2	Low	Bubbler	0.81	0.2	60	15	481
10	0.2	Low	Drip	0.81	0.2	2,500	617	20,054
11	0.2	Low	Drip	0.81	0.2	3,316	819	26,600
12	0.5	Mod./Ave.	Bubbler	0.81	0.6	75	46	1,504
13	0.2	Low	Drip	0.81	0.2	7,323	1,808	58,743
14	0.2	Low	Drip	0.81	0.2	9,510	2,348	76,287
15	0.5	Mod./Ave.	Bubbler	0.81	0.6	65	40	1,304
16	0.2	Low	Drip	0.81	0.2	1,712	423	13,733
17	0.2	Low	Drip	0.81	0.2	9,218	2,276	73,944
SUBTOTAL →					53,990	14,128	458,975	
Special Landscape Areas								
-				1	0	0	0	
SUBTOTAL →					0	0	0	
Estimated Total Water Use (ETWU) →						458,975		
Maximum Allowed Water Allowance (MAWA) →						789,312		

ETAF Calculations			Notes: ETWU meets MAWA requirement. Average ETAF meets requirement for this site type. <i>Calculator developed July 27, 2015. This calculator is for estimating purposes only. Hunter assumes no liability for use of this calculator.</i>
Regular Landscape Areas			
Total ETAF x Area	14,128		
Total Area	53,990		
Average ETAF	0.26		
All Landscape Areas			
Total ETAF x Area	14,128		
Total Area	53,990		
Sitewide ETAF	0.26		

HYDROZONE TABLE

HYDROZONE	ZONE OR VALVE	IRRIGATION AREA (Sq. Ft.)	% OF LANDSCAPE AREA
MW	1	D	1906 3.53
MW	2	D	3004 5.564
MW	3	B	40 0.074
LW	4	D	1427 2.643
LW	5	B	35 0.065
LW	6	D	11628 21.537
MW	7	B	65 0.12
LW	8	D	2106 3.901
LW	9	B	60 0.111
LW	10	D	2500 4.63
LW	11	D	3316 6.142
MW	12	B	75 0.139
LW	13	D	7323 13.564
LW	14	D	9510 17.614
MW	15	B	65 0.12
LW	16	D	1712 3.171
LW	17	D	9218 17.074

* Hydrozone	Irrigation Method
HW = High Water Use Plants	MS = Micro Spray
MW = Medium Water Use Plants	S = Spray
LW = Low Water Use Plants	R = Rotor
	B = Bubbler
	D = Drip
	O = Other

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	DESIGN PSI	PSI	PSI @ POC	PRECIP
1	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	1.27	717.9	30	37.1	49.3	0.11 in/h
2	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	4.15	371.5	30	39.3	60.8	0.13 in/h
3	RAIN BIRD PEB-PRS-D	1"	BUBBLER	4	364.1	30	33.7	46.0	0.96 in/h
4	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	2.66	290.8	30	37.2	49.4	0.14 in/h
5	RAIN BIRD PEB-PRS-D	1"	BUBBLER	3.5	283.7	30	31.9	44.1	0.97 in/h
6	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	8.1	389.7	30	43.8	57.3	0.12 in/h
7	RAIN BIRD PEB-PRS-D	1"	BUBBLER	6.5	331.4	30	33.8	46.7	0.93 in/h
8	RAIN BIRD XCZ-100-PRB-COM	1"	AREA FOR DRIPLINE	9.35	715.9	20	35.2	50.5	0.43 in/h
9	RAIN BIRD PEB-PRS-D	1"	BUBBLER	6	728.0	30	33.3	46.5	0.97 in/h
10	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	5.58	735.4	30	39.3	52.3	0.14 in/h
11	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	3.22	831.9	30	37.2	49.7	0.12 in/h
12	RAIN BIRD PEB-PRS-D	1"	BUBBLER	7.5	923.1	30	35.4	49.9	0.92 in/h
13	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	5.71	1,065	30	38.3	51.8	0.13 in/h
14	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	7.61	1,206	30	41.3	56.5	0.12 in/h
15	RAIN BIRD PEB-PRS-D	1"	BUBBLER	6.5	1,212	30	33.4	47.6	0.9 in/h
16	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	1.74	1,219	30	37.4	49.8	0.11 in/h
17	RAIN BIRD XCZ-100-PRB-COM	1"	DRIP EMITTER	7.7	1,226	30	43.0	58.3	0.11 in/h
Common Wire					2,193				

IRRIGATION SCHEDULE: ESTABLISHED

		Irrigation Schedule															
Project Name	KCSWFC	ETo/Mo	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Total:		
POC / Controller:	Meter / C'	ETo/Mo	0.03	0.06	0.11	0.16	0.21	0.26	0.27	0.24	0.18	0.11	0.05	0.03	52.4		
Irrigation Type & Qty. of Valves		AkC (%)	Precip. Rate (in/hr.)	Irr. Eff.													
LW Bubblers	0.2	0.97	0.81	0.5	1.0	1.7	2.4	3.3	3.9	4.2	3.6	2.7	1.7	0.8	0.4	Min/Day per Valve	
1				0	1	2	2	3	4	4	3	2	1	0	0	Total Min/Day	
MW Bubblers	0.5	0.94	0.81	1.3	2.5	4.4	6.2	8.4	10.1	10.8	9.3	7.0	4.4	2.1	1.1	Min/Day per Valve	
5				6	13	22	31	42	51	54	46	35	22	11	6	Total Min/Day	
LW Drip	0.2	0.12	0.81	4.0	7.9	13.9	19.3	26.3	31.7	33.9	29.1	21.8	13.9	6.6	3.6	Min/Day per Valve	
9				36	71	125	174	237	285	305	262	198	125	59	32	Total Min/Day	
MW Drip	0.5	0.11	0.81	10.9	21.6	38.0	52.7	71.7	86.4	92.3	79.3	59.5	38.0	18.0	9.8	Min/Day per Valve	
1				11	22	38	53	72	86	92	79	59	38	18	10	Total Min/Day	
LW Dripline	0.2	0.43	0.81	1.1	2.2	3.9	5.4	7.3	8.8	9.4	8.1	6.1	3.9	1.8	1.0	Min/Day per Valve	
1				1	2	4	5	7	9	9	8	6	4	2	1	Total Min/Day	
Total Valve Count																	
17		TOTAL RUN TIMES (HRS):			0.9	1.8	3.2	4.4	6.0	7.2	7.7	6.7	5.0	3.2	1.5	0.8	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				

			Weekly Irrigation Schedule												
Irrigation Type & Qty. of Valves	Cycles per day	Watering days/week	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
LW Bubblers	2	4	0.4	0.9	1.5	2.1	2.8	3.4	3.7	3.1	2.4	1.5	0.7	0.4	Min/Day per Valve
1			0.4	0.9	1.5	2.1	2.8	3.4	3.7	3.1	2.4	1.5	0.7	0.4	Total Min/Day
MW Bubblers	2	4	1.1	2.2	3.9	5.4	7.3	8.8	9.5	8.1	6.1	3.9	1.8	1.0	Min/Day per Valve
5			5.6	11.1	19.5	27.0	36.7	44.2	47.3	40.6	30.5	19.5	9.2	5.0	Total Min/Day
LW Drip	2	4	3.5	6.9	12.2	16.9	23.0	27.7	29.6	25.4	19.1	12.2	5.8	3.1	Min/Day per Valve
9			31.4	62.5	109.8	152.3	207.0	249.5	266.6	228.9	171.8	109.8	51.9	28.2	Total Min/Day
MW Drip	2	4	9.5	18.9	33.3	46.2	62.7	75.6	80.8	69.4	52.0	33.3	15.7	8.6	Min/Day per Valve
1			9.5	18.9	33.3	46.2	62.7	75.6	80.8	69.4	52.0	33.3	15.7	8.6	Total Min/Day
LW Dripline	2	4	1.0	1.9	3.4	4.7	6.4	7.7	8.3	7.1	5.3	3.4	1.6	0.9	Min/Day per Valve
1			1.0	1.9	3.4	4.7	6.4	7.7	8.3	7.1	5.3	3.4	1.6	0.9	Total Min/Day
Total Valve Count															
17															

A NEW BUILDING FOR:

KERN COUNTY
SPECIAL WASTE
FACILITYSEC. OF DOWNING AVE & WEAR ST
BAKERSFIELD, CALIFORNIA

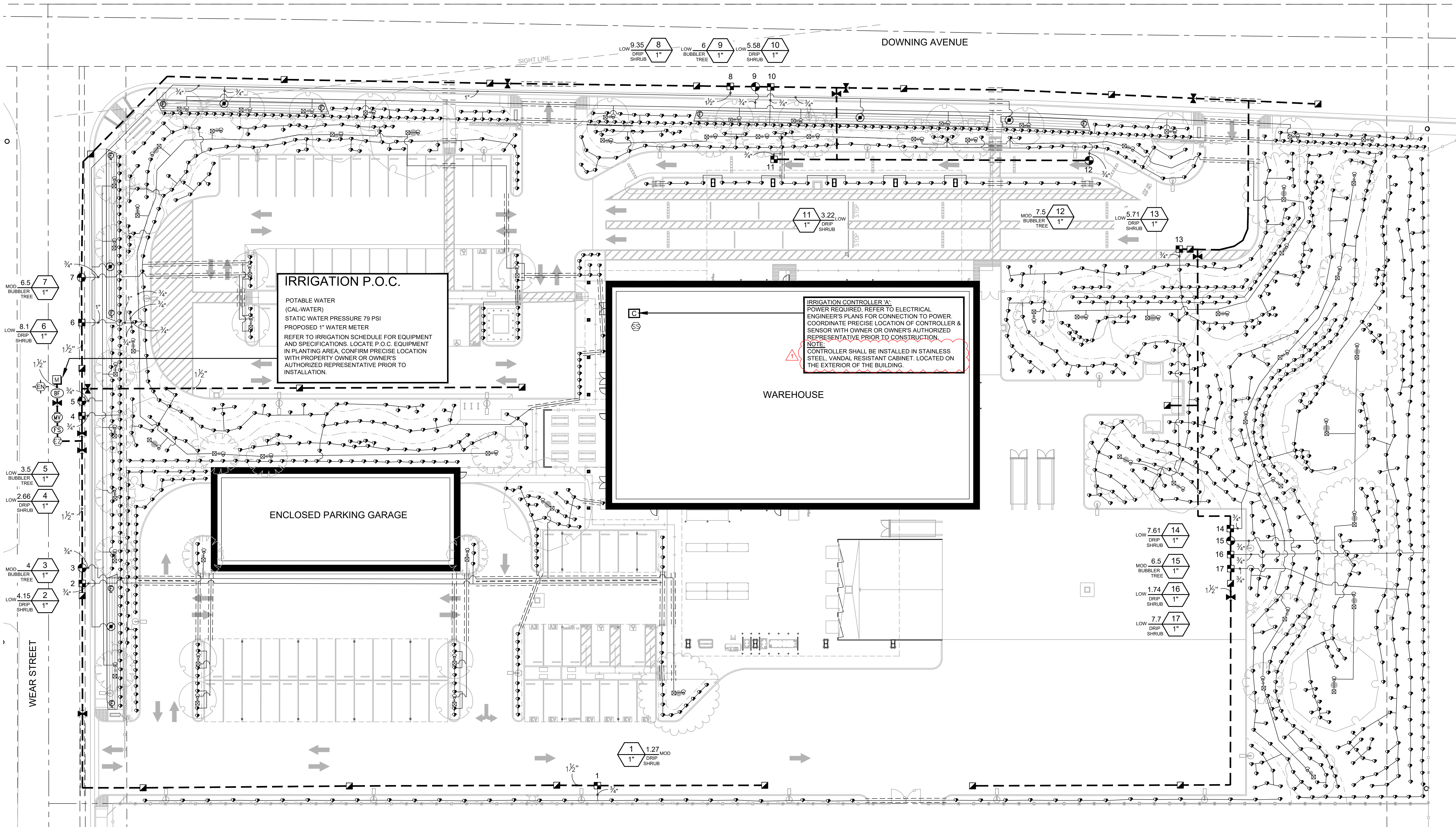
DATE	ISSUED FOR

REVISION	DESCRIPTION
01/01/2024	ADD NEW #5

JOB	1737800
DP	TE
PM	TE

LI.01A

5A



EQUIPMENT LOCATION NOTE

1. INSTALL ALL IRRIGATION EQUIPMENT, PRESSURE MAIN LINE PIPING, CONTROL VALVES, ETC. WITHIN PLANTING AREA - ANY IRRIGATION EQUIPMENT SHOWN OUTSIDE OF PLANTING AREA IS FOR DRAWING CLARITY (TYPICAL).
2. AUTOMATIC CONTROLLER AND ALL OTHER IRRIGATION EQUIPMENT LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. STAKE OUT IRRIGATION EQUIPMENT LOCATIONS FOR REVIEW AND APPROVAL BY OWNER PRIOR TO INSTALLATION. FINAL LOCATION AND EXACT POSITIONING OF IRRIGATION EQUIPMENT SHALL BE DETERMINED BY OWNER. MINOR MODIFICATIONS OF IRRIGATION EQUIPMENT LOCATIONS AS REQUESTED BY THE OWNER SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FAILURE TO OBTAIN OWNER'S APPROVAL PRIOR TO INSTALLATION SHALL CAUSE CONTRACTOR TO MAKE OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO OWNER.
3. REMOTE CONTROL VALVE, QUICK COUPLING VALVE AND GATE VALVE, ETC. LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE. THE CONTRACTOR SHALL STAKE OUT EACH ELECTRIC CONTROL VALVE, QUICK COUPLING VALVE AND GATE VALVE, ETC. LOCATION FOR REVIEW AND APPROVAL BY OWNER PRIOR TO INSTALLATION OF VALVES. SEE DETAILS FOR ADDITIONAL VALVE INSTALLATION INFORMATION. FINAL LOCATION AND EXACT POSITIONING OF IRRIGATION EQUIPMENT SHALL BE APPROVED BY THE OWNER. MINOR MODIFICATIONS OF IRRIGATION EQUIPMENT LOCATIONS AS REQUESTED BY THE OWNER SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. FAILURE TO OBTAIN OWNER'S APPROVAL PRIOR TO INSTALLATION SHALL CAUSE CONTRACTOR TO MAKE OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO OWNER.

IRRIGATION SLEEVE SIZES

PIPE SIZE	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
SLEEVE SIZE	3"	3"	3"	4"	4"	4"	6"	8"	12"

NOTE: IRRIGATION CONTROL WIRE CONDUIT SIZE SHALL BE 2-5"

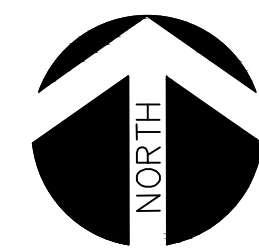
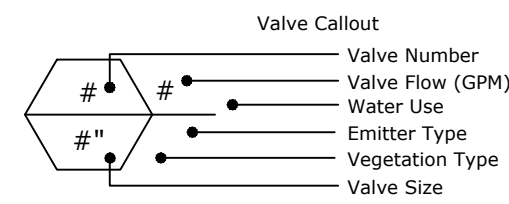
SLEEVES ARE REQUIRED FOR ALL IRRIGATION PIPING INSTALLED UNDER PAVING AREAS. REFER TO IRRIGATION SLEEVE SIZING CHART SHOWN ON THIS SHEET FOR IRRIGATION SLEEVE SIZE (TYPICAL). NOTE: FOR DRAWING CLARITY ALL IRRIGATION SLEEVES ARE NOT SIZED, BUT SHALL BE INSTALLED AND INCLUDED AS PART OF THE CONTRACTOR'S BID. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE ITSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, FOOTINGS, ETC. AND COORDINATE ITS WORK WITH OTHER TRADES FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER FOOTINGS, UNDER ROADWAYS, UNDER PAVING, STRUCTURES, ETC.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	HUNTER PRO-SOCKET 10 FLOOD BUBBLER, 4IN. POP-UP, FACTORY INSTALLED DRAIN CHECK VALVE.	68
	RAIN BIRD RWS-B-C W/ RWS-SOCK 1400 Series ROOT WATERING SYSTEM WITH 4IN. DIAMETER X 36IN. LONG WITH LOCKING GRATE, SEMI-RIGID MESH TUBE. CHECK VALVE AND SAND/SOIL RAIN BIRD BUBBLER OPTION AS INDICATED: 1401 0.25 GPM, 1402 0.5 GPM, 1404 1.0 GPM, 1408 2 GPM.	68
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	RAIN BIRD XGZ-100-PRB-COM WIDE FLOW DRIP CONTROL KIT FOR COMMERCIAL APPLICATIONS. 1IN. BALL VALVE WITH 1IN. PESB VALVE AND 1IN. PRESSURE REGULATING 40PSI QUICK-CHECK BASKET FILTER. 0.3 GPM-20 GPM	11
	PIPE TRANSITION POINT IN DRIP BOX	5
	PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 6IN. DRIP BOX.	8
	RAIN BIRD MDCP-CAP DRIPLINE FLUSH VALVE CAP IN COMPRESSION FITTING COUPLER.	8
	RAIN BIRD XBCVT-PC ON A HUNTER IH-RISER 05PC SINGLE OUTLET, PRESSURE COMPENSATING DRIP EMITTERS. FLOW RATES OF 0.5 GPH-BLUE, 1.0 GPH-BLACK, AND 2.0 GPH-RED. COMES WITH A 1/2IN. FPT INLET X BARB OUTLET. W/ CHECK VALVE. INSTALL WITH A HUNTER IH-RISER-18.	1,507
	AREA TO RECEIVE DRIPLINE	1,401 LF
	XFS SUB-SURFACE PRESSURE COMPENSATING DRIPLINE W/ COOPER SHIELD TECHNOLOGY. 0.8 GPH EMITTERS AT 18" O.C. LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. UV RESISTANT. SPECIFY XF INSERT FITTINGS.	1,401 LF

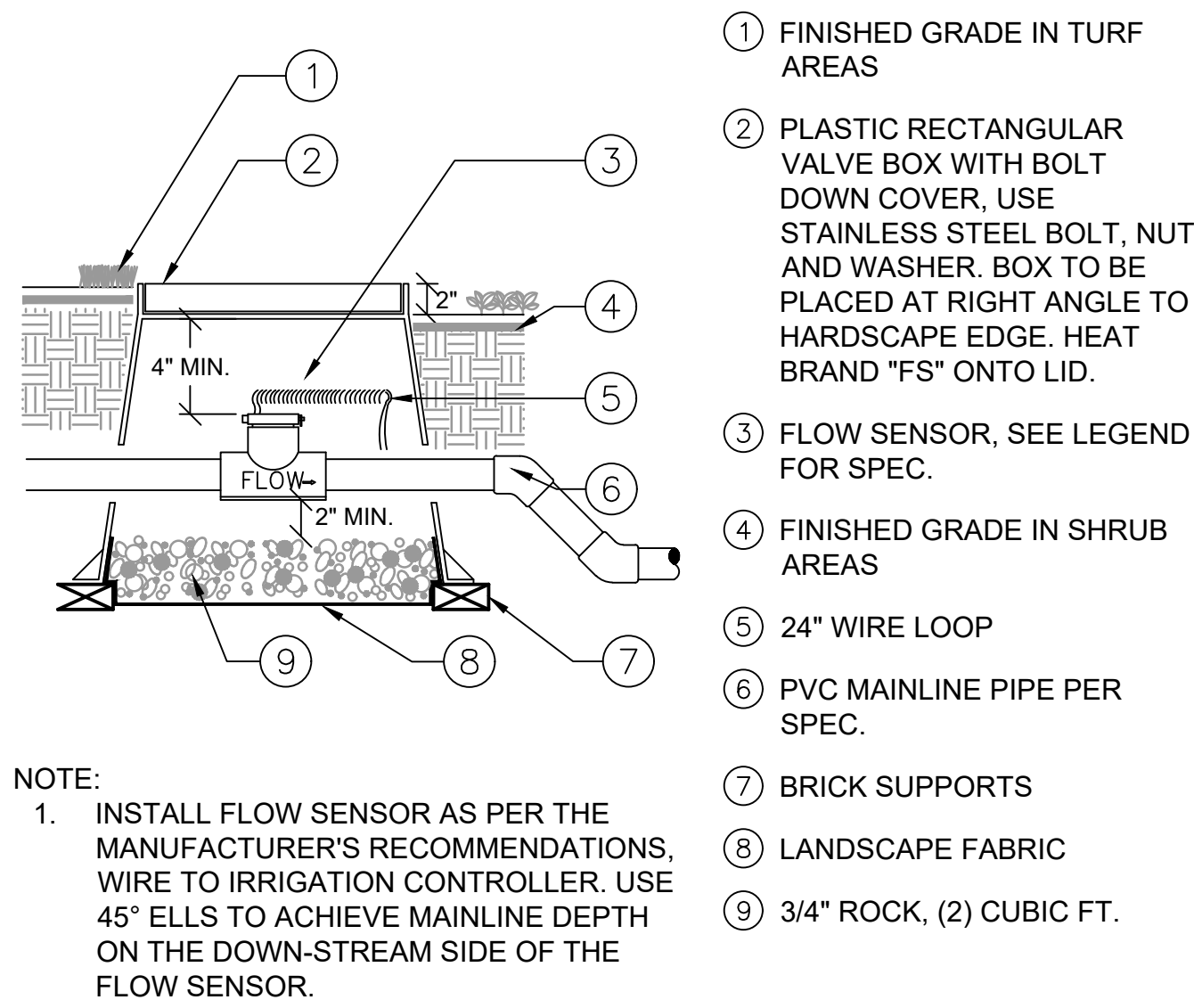
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	RAIN BIRD PEB-PRS-D 1IN. 1-1/2IN. 2IN. PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION, WITH PRESSURE REGULATOR MODULE.	6
	RAIN BIRD 44-LRC 1IN. BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.	20
	NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE. SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. SIZE RANGE - 1/4IN. - 3IN.	11
	SUPERIOR 3100-PRS 1" NORMALLY OPEN BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION. AVAILABLE IN 3/4IN., 1IN., 1-1/4IN., 1-1/2IN., 2IN., 2-1/2IN., AND 3IN.. PRESSURE REGULATION FEATURE.	1
	FESCO 825V 1" REDUCED PRESSURE BACKFLOW PREVENTER, WITH STRONGBOX POLAR BARRIER BLANKET (PBB-30).	1
	HUNTER ICC-2400-SS 24 STATION OUTDOOR MODULAR CONTROLLER, WITH TWO ICM-800 MODULE. COMMERCIAL USE. STAINLESS STEEL CABINET. TO BE LOCATED ON THE EXTERIOR OF THE BUILDING.	1
	HUNTER WSS WIRELESS SOLAR, RAIN FREEZE SENSOR WITH OUTDOOR INTERFACE, CONNECTS TO HUNTER PCC, PRO-C, AND I-CORE CONTROLLERS. INSTALL AS NOTED. INCLUDES 10 YEAR LITHIUM BATTERY AND RUBBER MODULE COVER, AND GUTTER MOUNT BRACKET.	1
	CREATIVE SENSOR TECHNOLOGY FSI-110-001 1IN. PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE WITH IRRIGATION CONTROLLERS. FLOW RANGE: .86 GPM - 52 GPM.	1

	EZ-FLO FERTILIZING SYSTEMS EZ010-FX ONE SYSTEM FEEDS ALL ZONES. DRIP OR SPRINKLER. USED FOR SMALLER COMMERCIAL LANDSCAPES, RESIDENTIAL, HOAFT S. MODEL HOMES, AND GROWER APPLICATIONS. INSTALL DIRECTLY IN THE IRRIGATION SYSTEM MAIN LINE AFTER THE BACK FLOW PREVENTER. TANK CAPACITY: 9.4 G	1
	STRONG BOX SBBC-30CR LOW PROFILE, TUBE AND WIRE CONSTRUCTION SMOOTH TOUCH SURFACE, COLD ROLLED STEEL, BACKFLOW ENCLOSURE. 31.5IN L, 28IN H, 17.75IN W.	1
	WATER METER 1" CONTRACTOR SHALL VERIFY STATIC PSI PRIOR TO BEGINNING WORK. IF PSI VARIES FROM THAT LISTED BELOW, CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY.	1
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	14,339 LF
	IRRIGATION MAINLINE: PVC SCHEDULE 40	2,193 LF
	PIPE SLEEVE: PVC SCHEDULE 40	1,055 LF

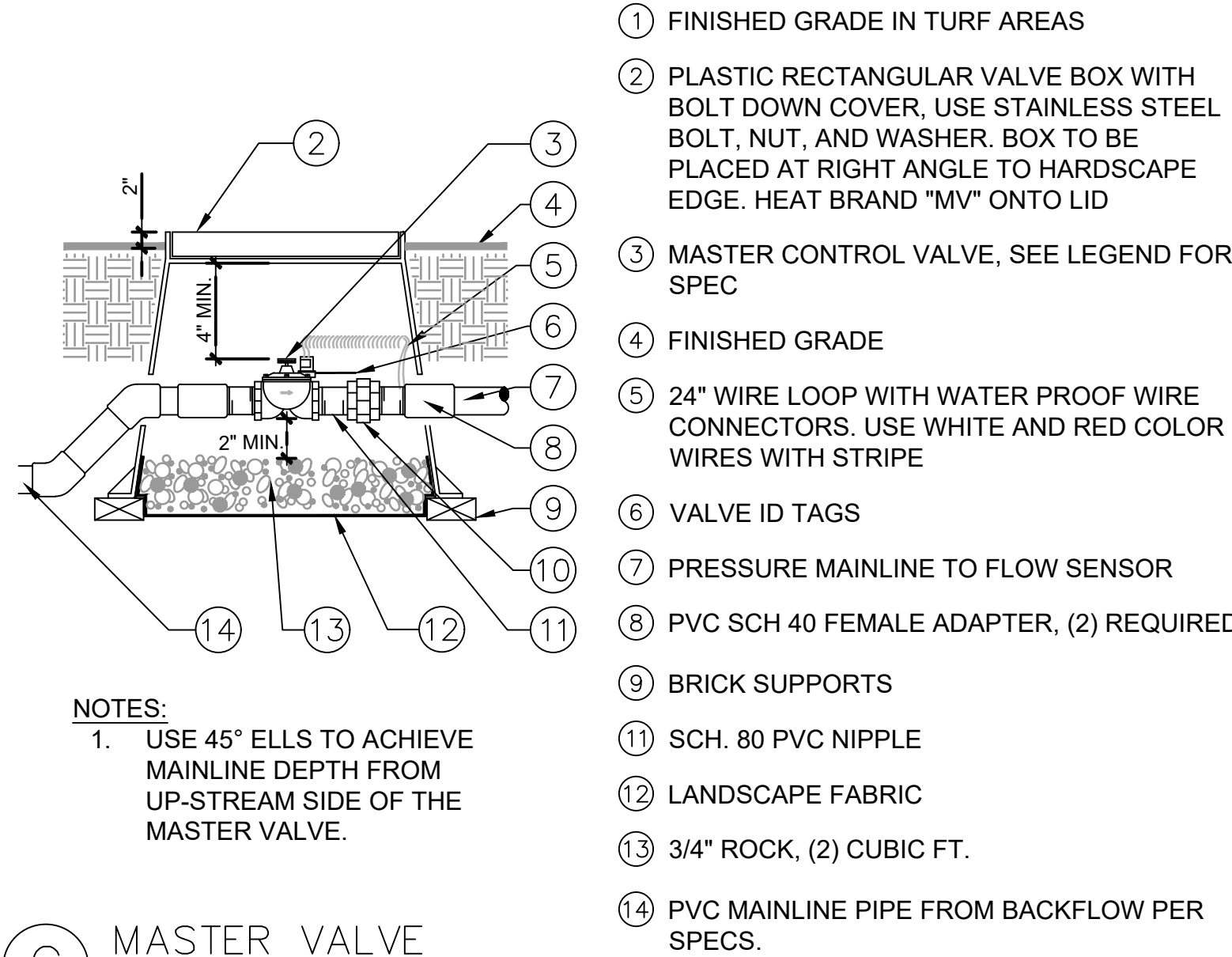


Scale: 1" = 20'-0"

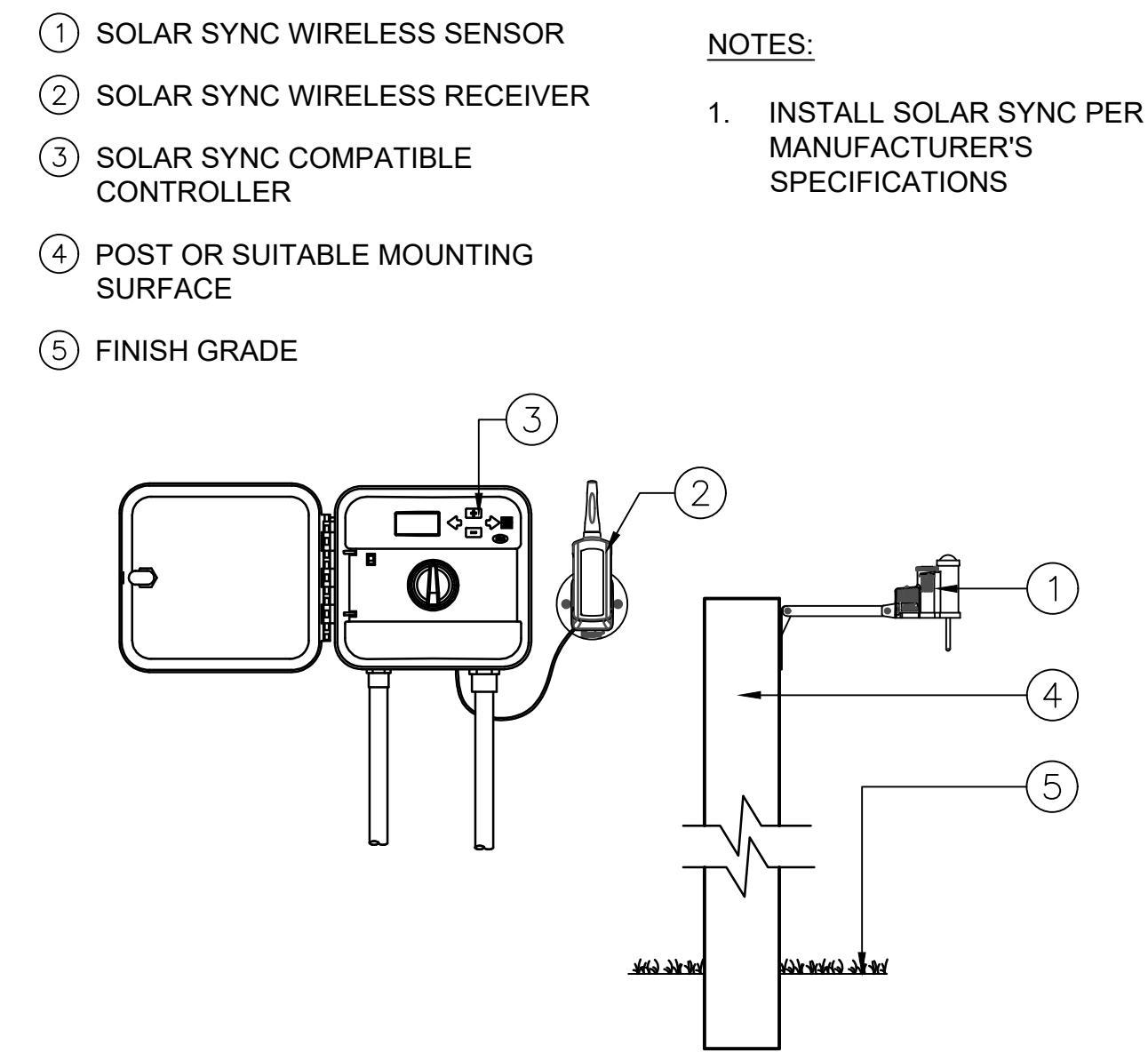
0 5' 10' 20' 40'



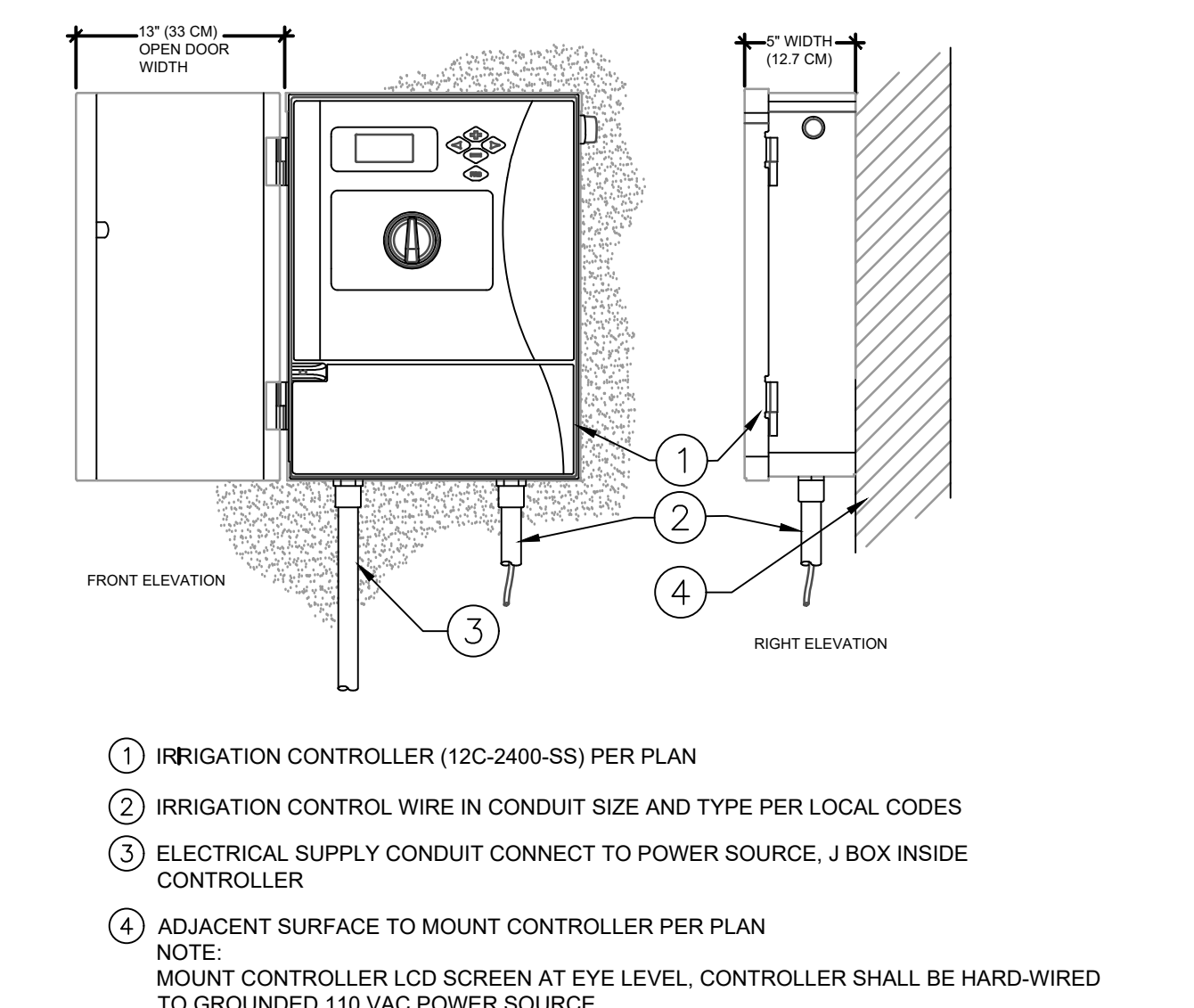
D SUBMETER/FLOW SENSOR
N.T.S. P-KE2-IRR-15



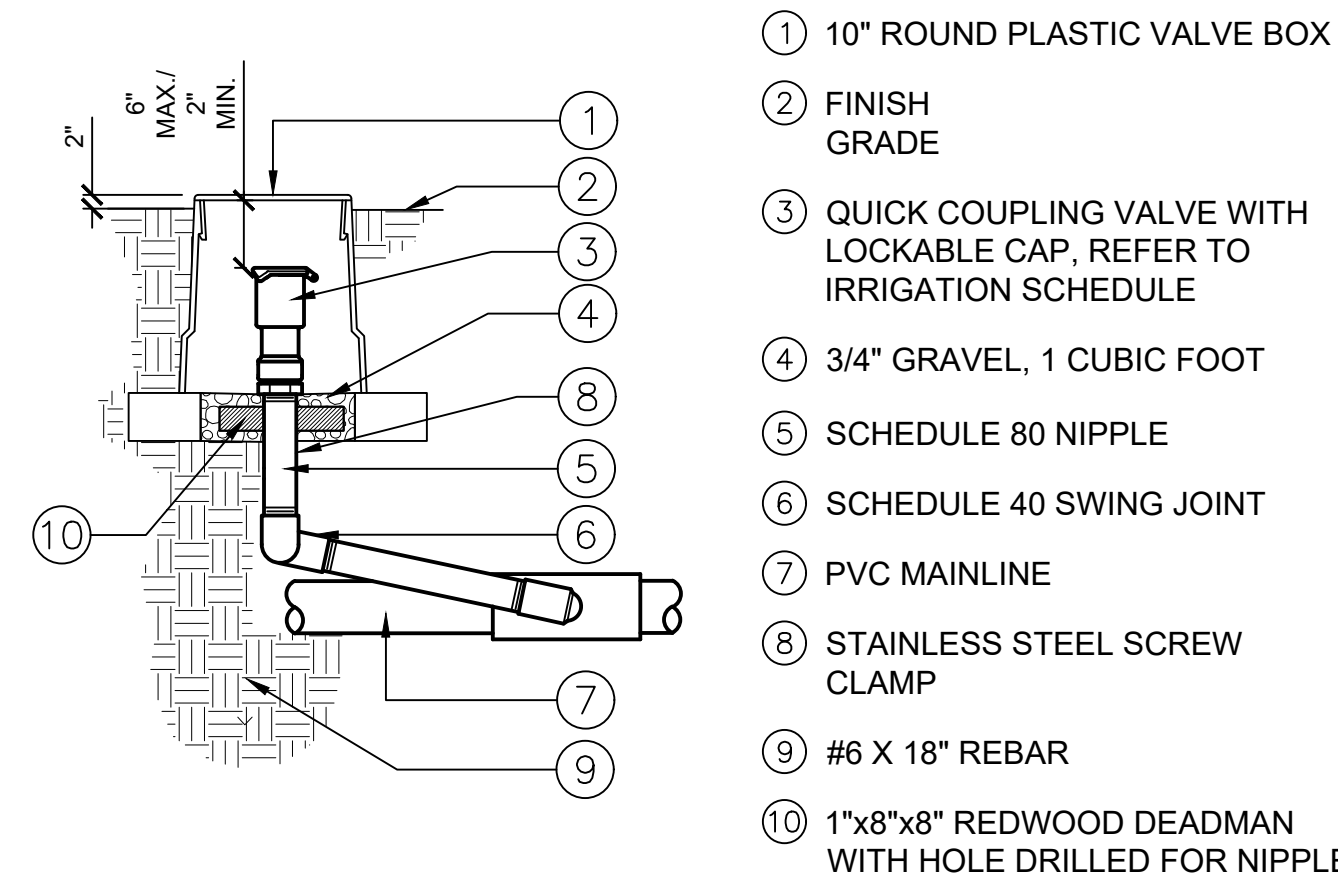
C MASTER VALVE
N.T.S. P-KE2-IRR-14



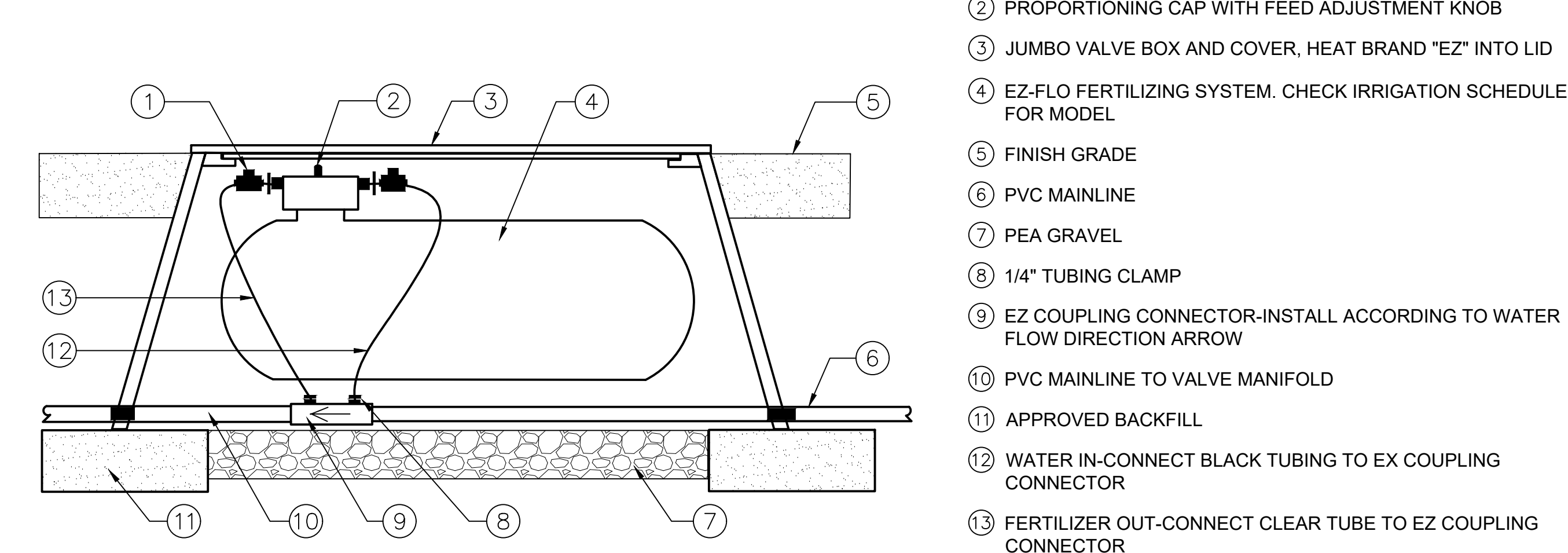
B WIRELESS SOLAR SYNC
N.T.S. P-KE2-IRR-87



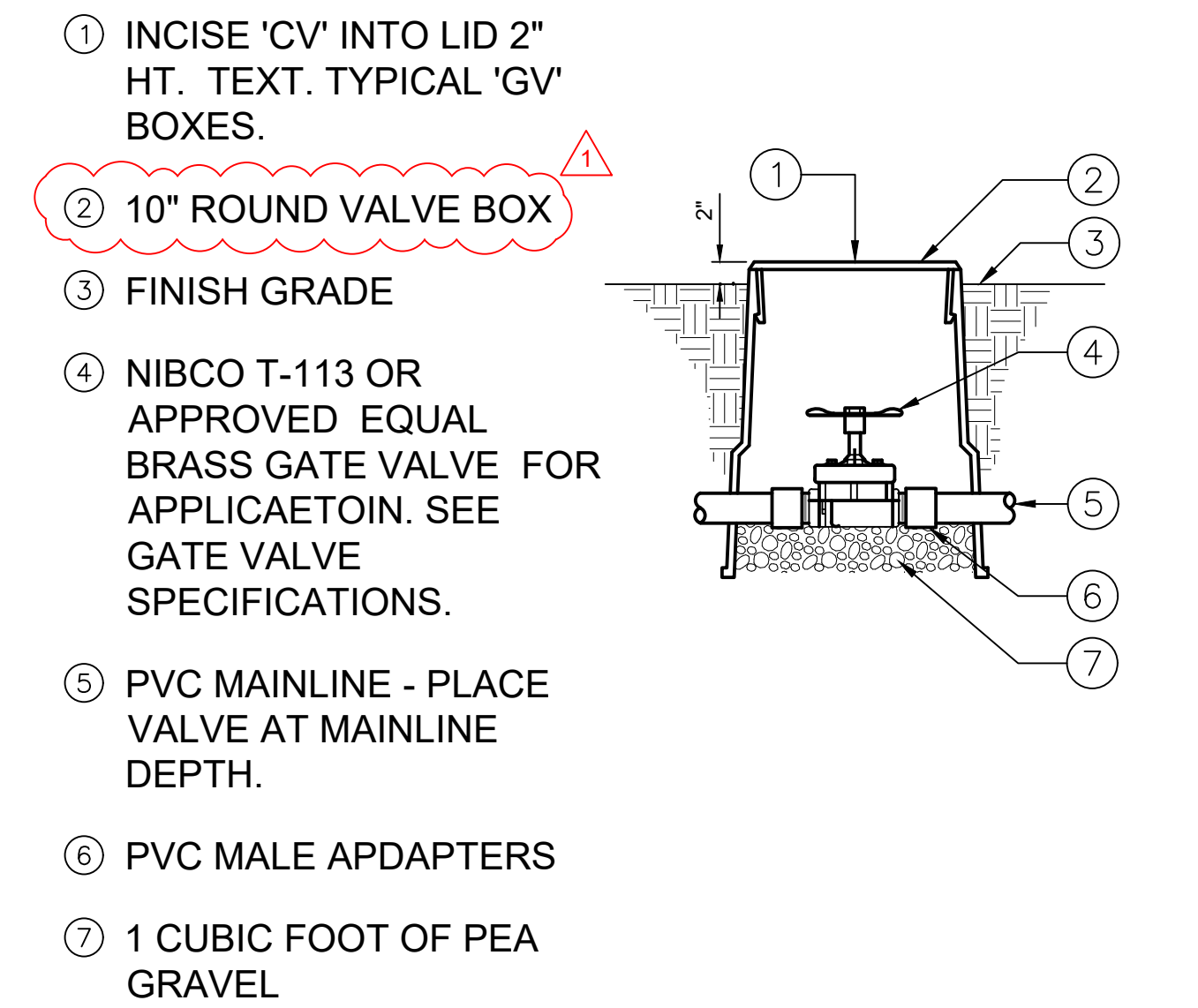
A CONTROLLER
N.T.S. P-KE2-IRR-97



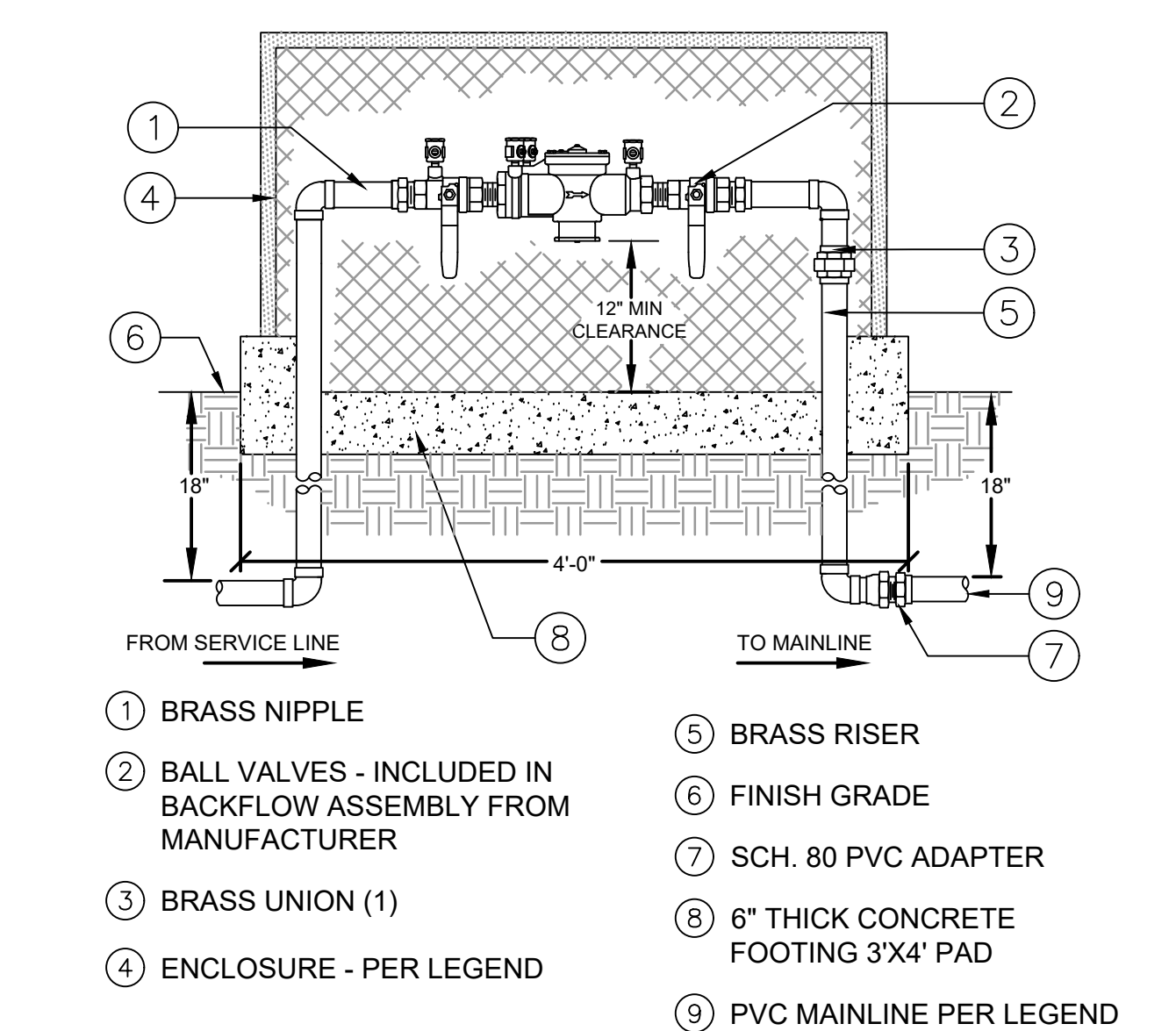
H QUICK COUPLER
1 1/2" = 1'-0" P-KE2-IRR-85



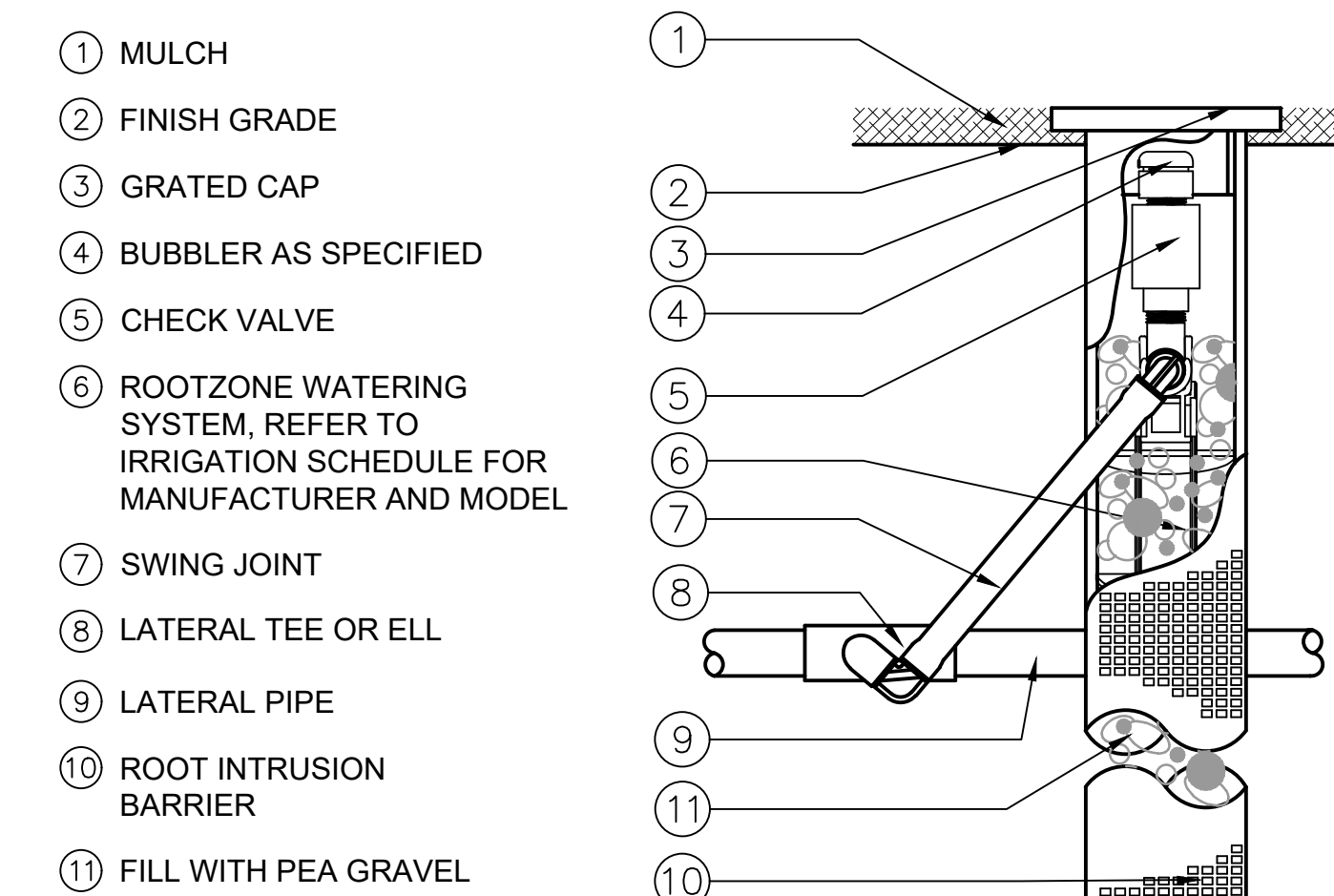
G EZ-FLOW FERTILIZING SYSTEM
1 1/2" = 1'-0" P-KE2-IRR-72



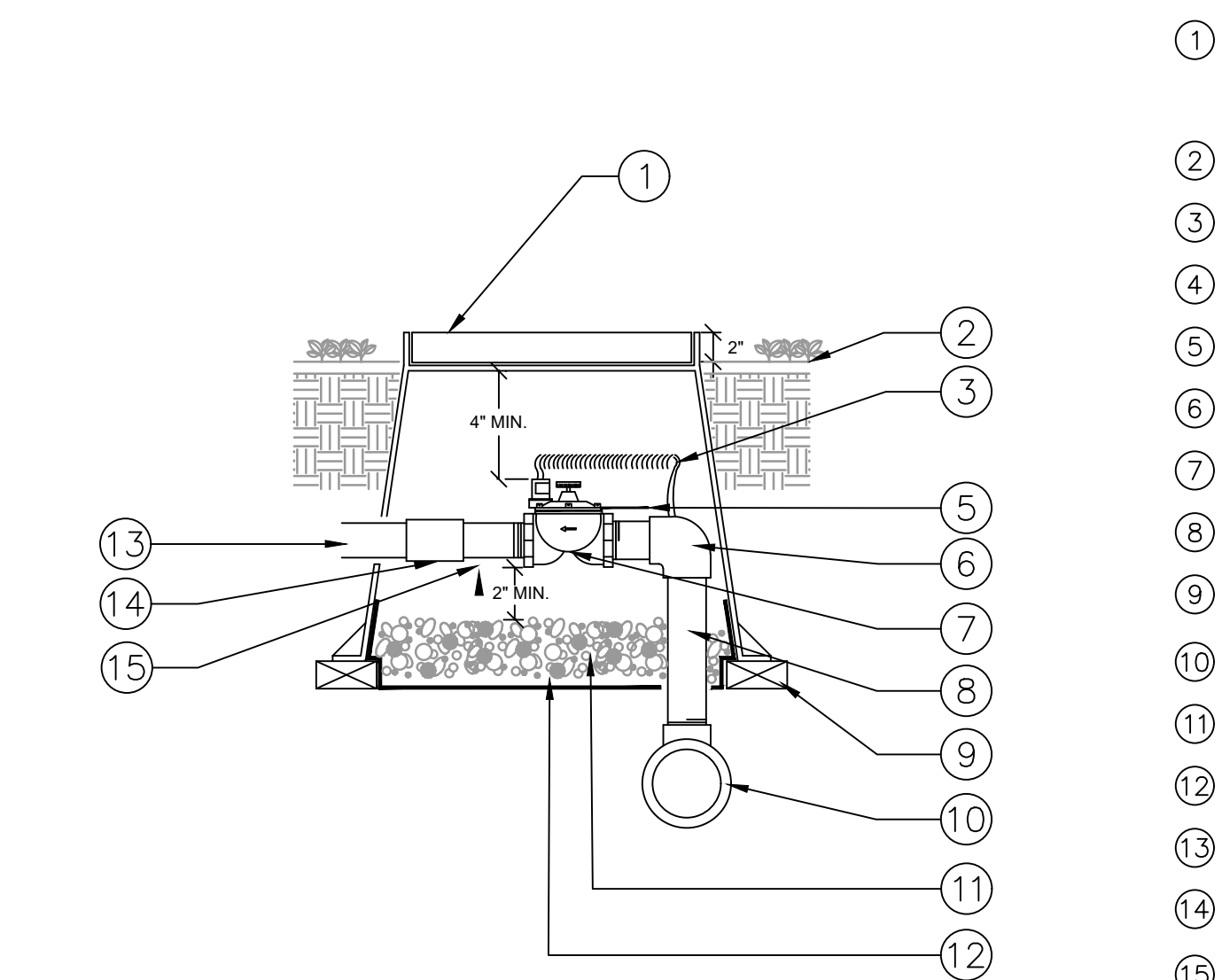
F GATE VALVE
1 1/2" = 1'-0" P-KE2-IRR-86



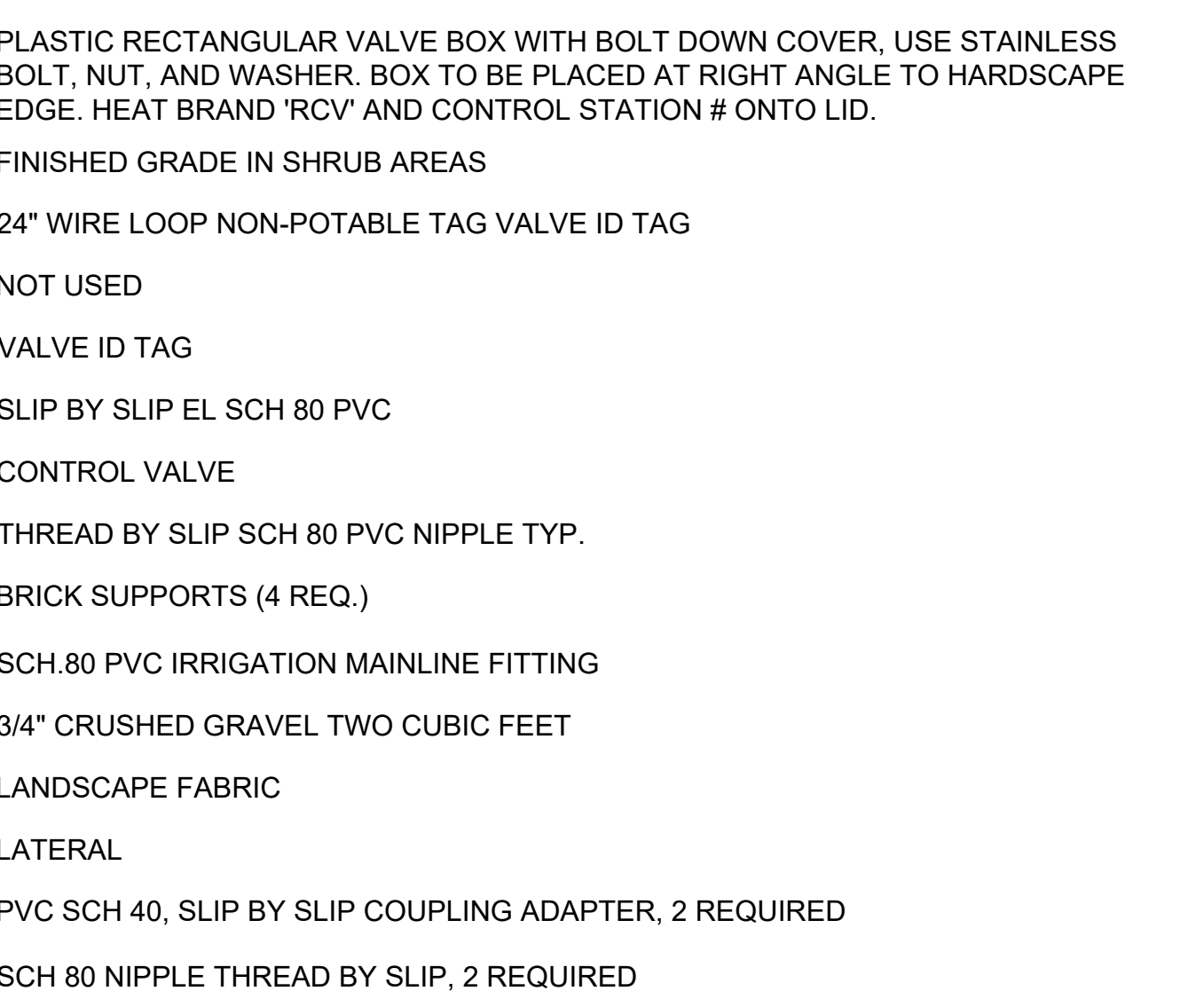
E STD. BACKFLOW
N.T.S. P-KE2-IRR-26



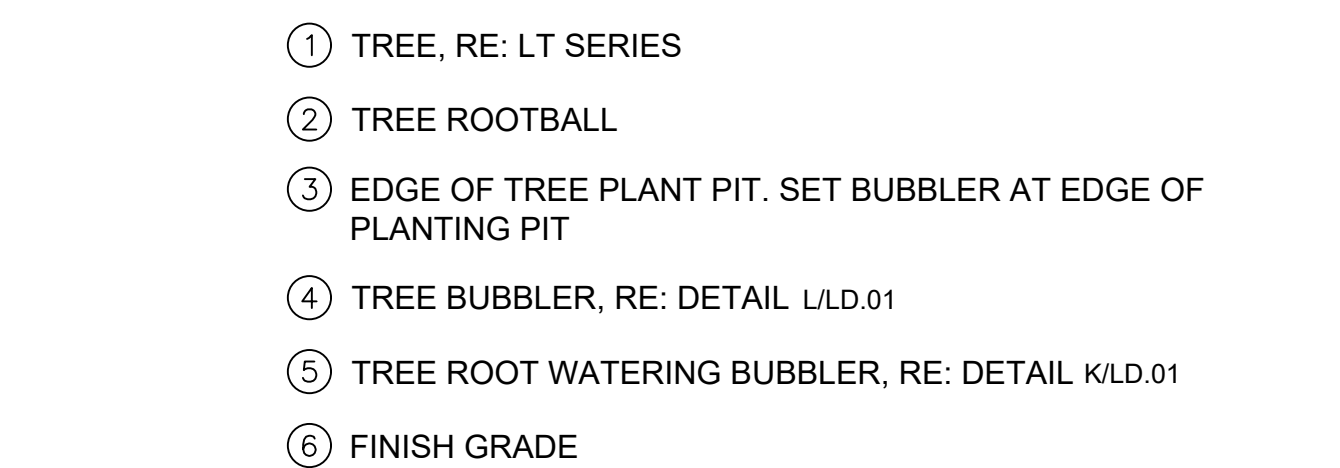
K TREE ROOT WATERING BUBBLER
N.T.S. P-KE2-IRR-32



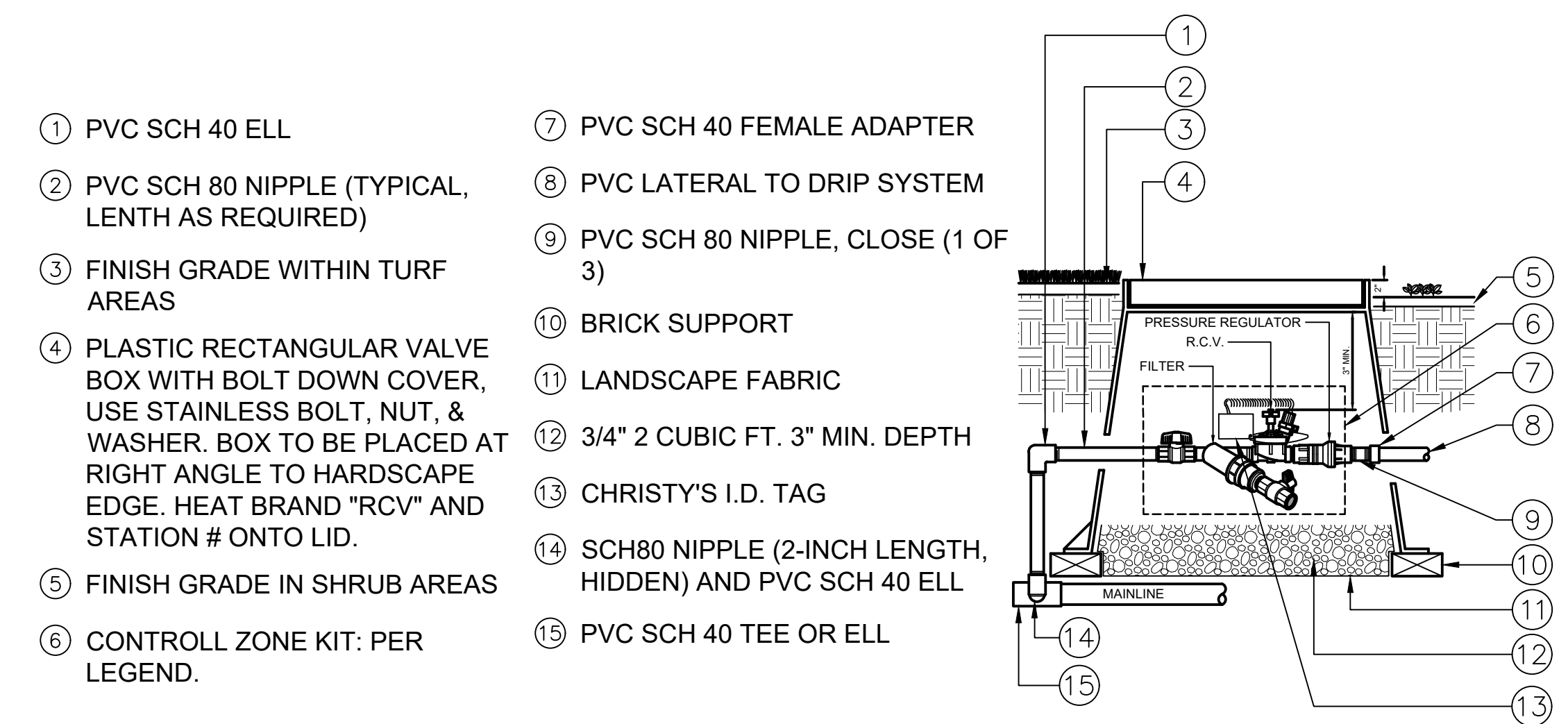
J REMOTE CONTROL VALVE
N.T.S. P-KE2-IRR-68



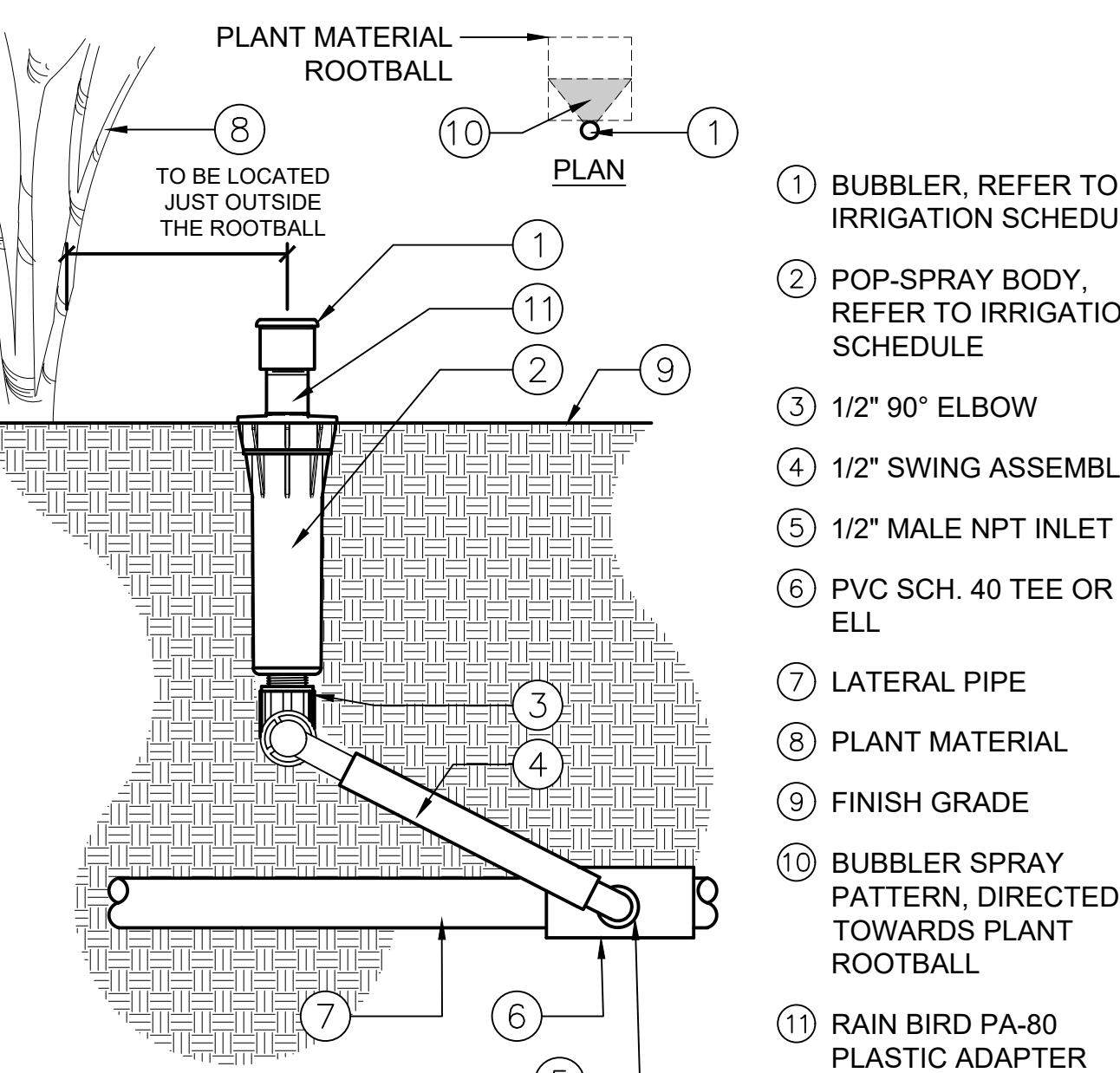
L TREE BUBBLER
6" = 1'-0" P-KE2-IRR-28



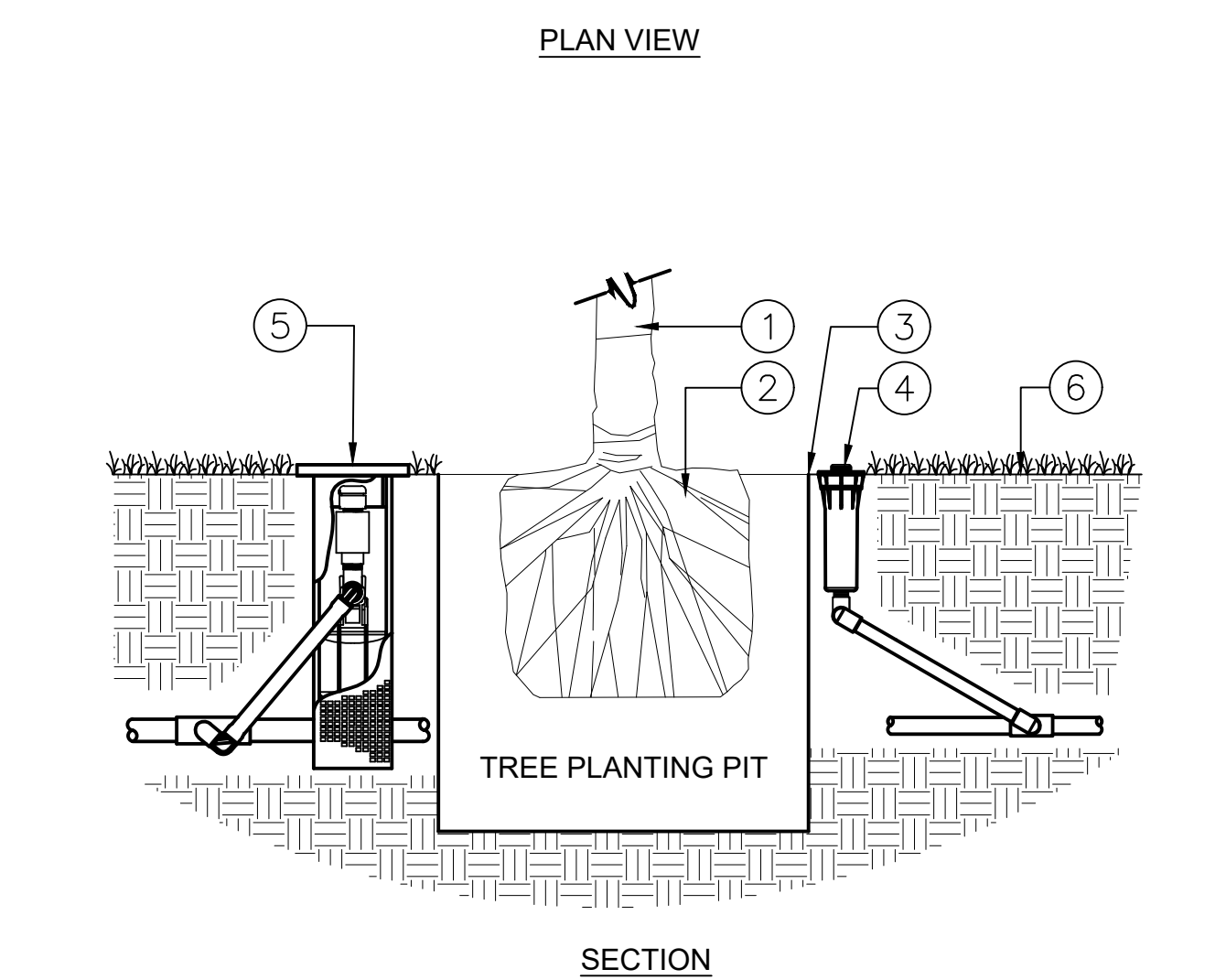
I TREE BUBBLER IRRIGATION LAYOUT
N.T.S. P-KE2-IRR-35



M DRIP ZONE R.C.V. KIT
N.T.S. P-KE2-IRR-27



N TREE BUBBLER
6" = 1'-0" P-KE2-IRR-28

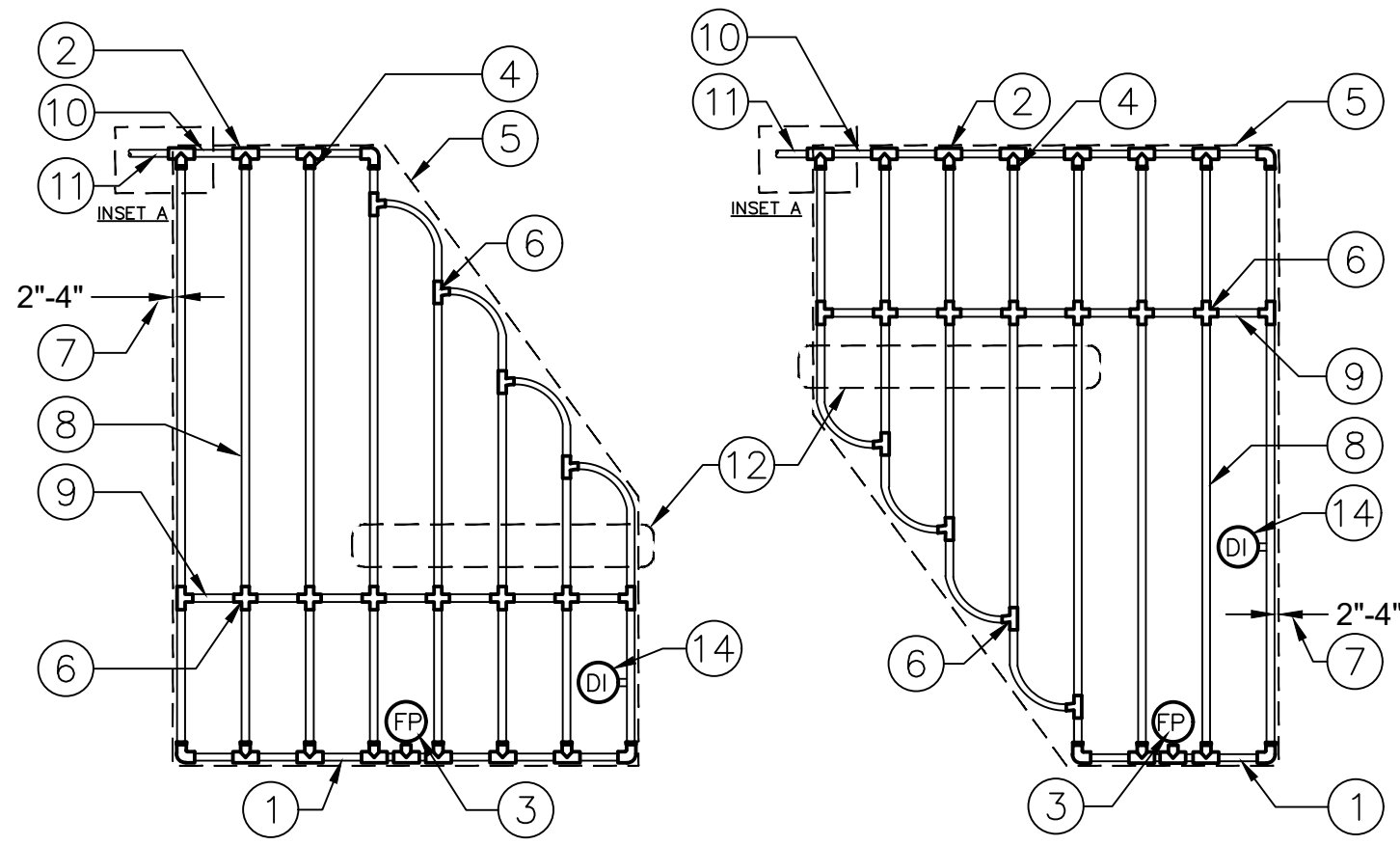


O TREE BUBBLER IRRIGATION LAYOUT
N.T.S. P-KE2-IRR-35

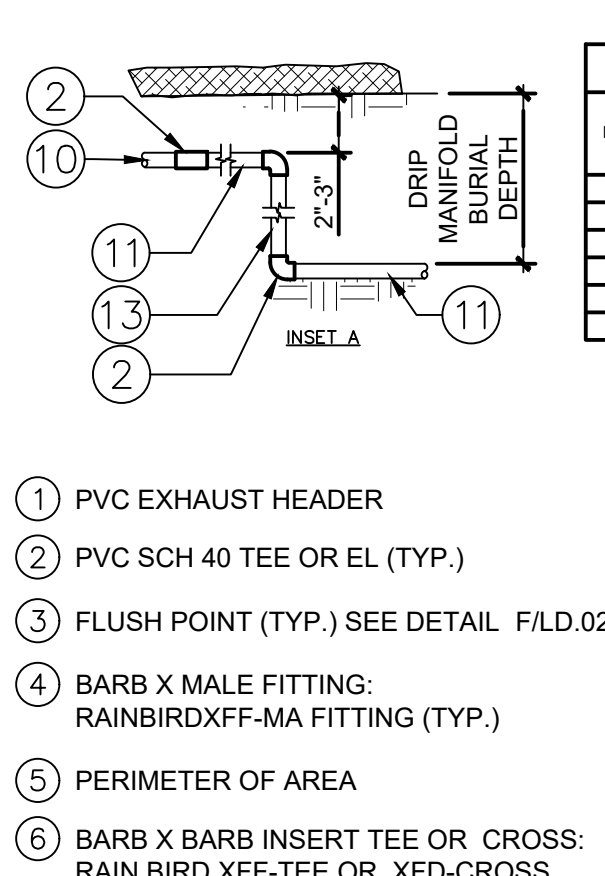
DATE	ISSUED FOR

REVISION	DESCRIPTION
01/01/2024	ADD NEW #5

JOB	1737800
DP	TE
PM	TE
	LD.01A
	8A

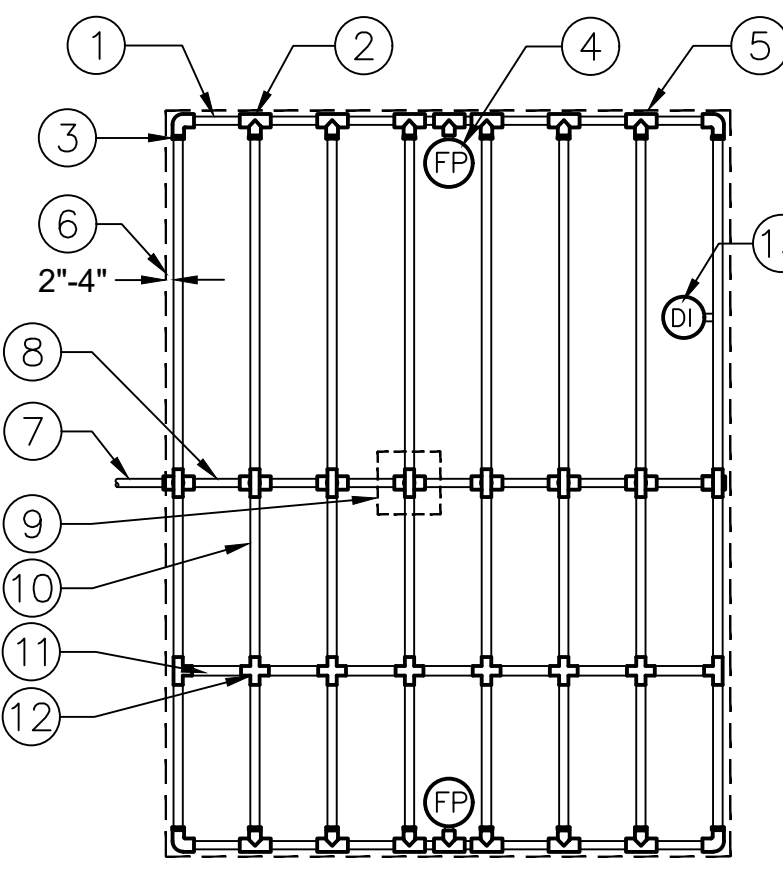


- NOTES:
- DISTANCE BETWEEN LATERAL ROW AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE RAIN BIRD XFS DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACINGS.
 - LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
 - AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA.
 - WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING



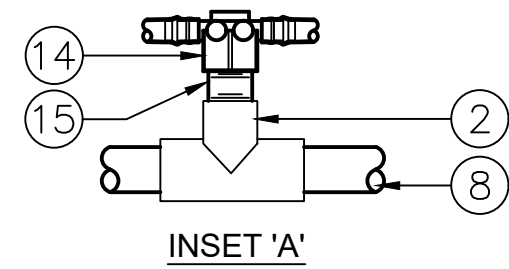
- PVC EXHAUST HEADER
- PVC SCH 40 TEE OR EL (TYP.)
- FLUSH POINT (TYP.) SEE DETAIL F.I.D.02
- BARB X MALE FITTING: RAINBIRDXFF-MA FITTING (TYP.)
- PERIMETER OF AREA
- BARB X BARB INSERT TEE OR CROSS: RAIN BIRD XFF-TEE OR XFD-CROSS (TYP.) INSET 'A'
- PERIMETER OF DRIPLINE PIPE TO BE INSTALLED 2'-4" FROM PERIMETER OF AREA
- SUB-SURFACE DRIPLINE. REFER TO IRRIGATION SCHEDULE FOR MANUFACTURER AND MODEL
- RAIN BIRD XF SERIES BLANK TUBING
- PVC SUPPLY HEADER
- PVC SUPPLY PIPE FROM CONTROL ZONE KIT
- TOTAL LENGTH OF SELECTED DRIPLINE SHOULD NOT EXCEED LENGTH SHOWN IN TABLE
- PVC SCH 40 RISER PIPE
- DRIPLINE OPERATION INDICATOR. REFER TO DETAIL G.I.D.02

Inlet Pressure (psi)	12" Spacing			18" Spacing			24" Spacing		
	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.9	
15	273	185	314	250	424	322			
20	278	189	321	254	438	336			
30	300	210	415	350	566	414			
40	305	215	420	355	582	424			
50	317	220	435	420	702	498			
60	330	230	460	435	760	514			



- NOTES:
- DISTANCE BETWEEN ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN MATERIAL. SEE RAIN BIRD XF-SDI DRIPLINE INSTALLATION GUIDE FOR SUGGESTED SPACING.
 - LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM LENGTH SHOWN IN THE ACCOMPANYING TABLE.
 - AIR RELIEF VALVE TO BE INSTALLED AT HIGH POINT OF AREA.
 - WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.
 - BELOW GRADE PIPE WITHIN THE LANDFILL CAP SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ENVIRONMENTAL COORDINATION DRAWINGS.

- PVC EXHAUST HEADER
- PVC SCH. 40 TEE OR EL (TYP.)
- BARB X MALE FITTING: RAINBIRD XFF-MA FITTING (TYP.)
- FLUSH POINT (TYP.) SEE DETAIL F.I.D.02
- PERIMETER OF AREA
- PERIMETER DRIPLINE PIPE TO BE INSTALLED 2'-4" FROM PERIMETER OF AREA
- PVC SUPPLY PIPE FROM CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
- PVC SUPPLY MANIFOLD
- CONNECTION FROM SUPPLY MAIFOLD TO DRIPLINE (TYP.) INSET 'A'
- SUB-SURFACE DRIPLINE. REFER TO IRRIGATION SCHEDULE FOR MANUFACTURER AND MODEL.
- RAINBIRD XF SERIES BLANK TUBING
- BARB X BARB INSERT TEE OR CROSS: RAIN BIRD XFF-TEE OR RAIN BIRD XFD-CROSS (TYP.)
- DRIPLINE OPERATION INDICATOR. SEE DETAIL G.I.D.02
- BARB X FEMALE FITTING: RAIN BIRD XFD-TFA-075 FITTING
- 3/4" PVC NIPPLE, LENGTH AS NECESSARY

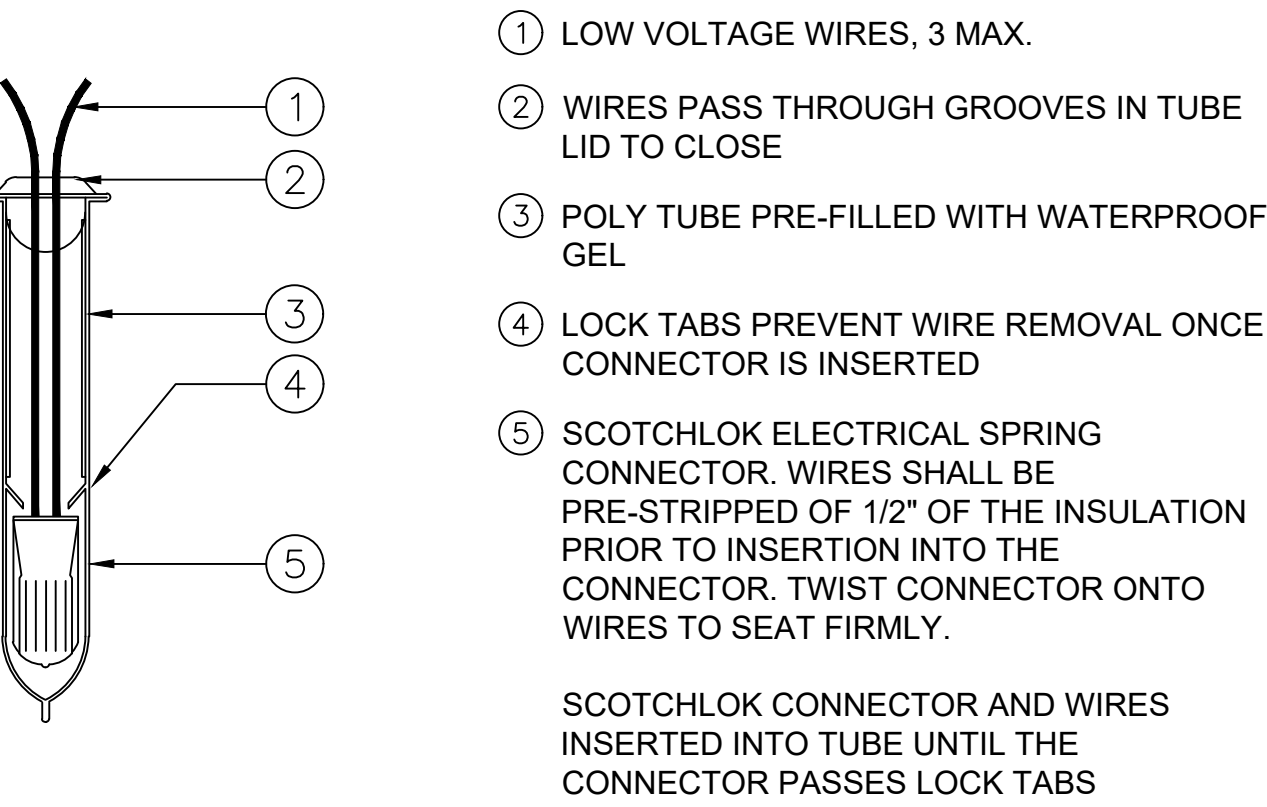


Inlet Pressure (psi)	12" Spacing			18" Spacing			24" Spacing		
	0.8	0.9	0.8	0.9	0.8	0.9	0.8	0.9	
15	273	185	314	250	424	322			
20	278	189	321	254	438	336			
30	300	210	415	350	566	414			
40	305	215	420	355	582	424			
50	317	220	435	420	702	498			
60	330	230	460	435	760	514			

C IRREGULAR SUB-SURFACE DIRPLINE LAYOUT

NTS

P-KE2-IRR-12

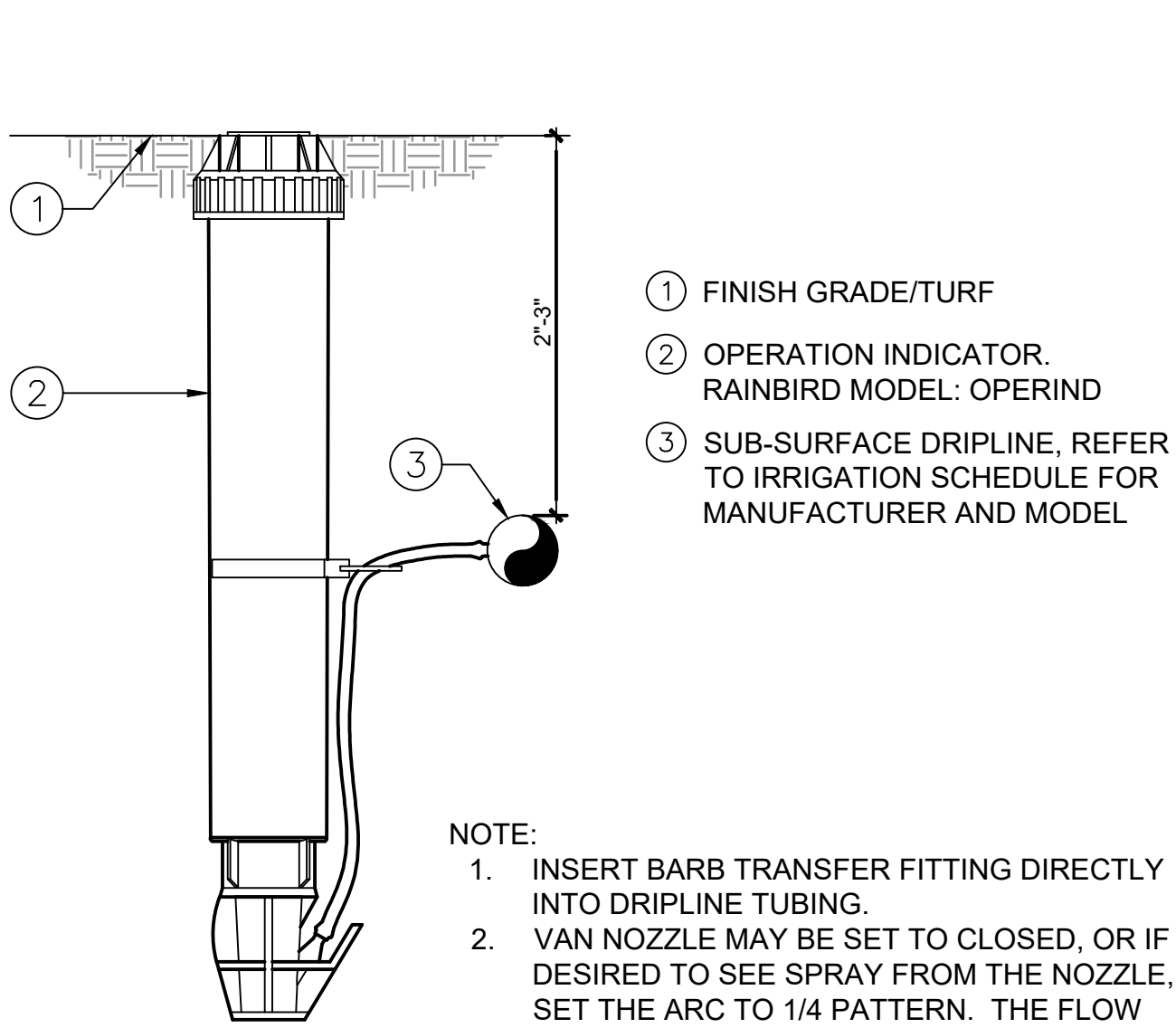


- NOTES:
- WIRE CONNECTOR SHALL BE A 3M DBY-6 DIRECT BURY SPLICE KIT (U.L. APPROVED)
 - KIT SHALL INCLUDE A SCOTCHLOK Y SPRING CONNECTOR, A POLYPROPYLENE TUBE AND A WATERPROOF SEALING GEL. TUBE SHALL BE SUPPLIED PREFILLED WITH GEL.
 - DIRECT BURY SPLICE KIT SHALL BE USED TO ELECTRICALLY CONNECT 2-3 #14 OR 2 #12 PRE-STRIPPED COPPER WIRES. LARGER WIRES OR GREATER QUANTITIES OF WIRES SHALL REQUIRE A LARGER APPROVED WIRE CONNECTION

H WIRE CONNECTORS

3/4" = 1'-0"

P-KE2-IRR-01

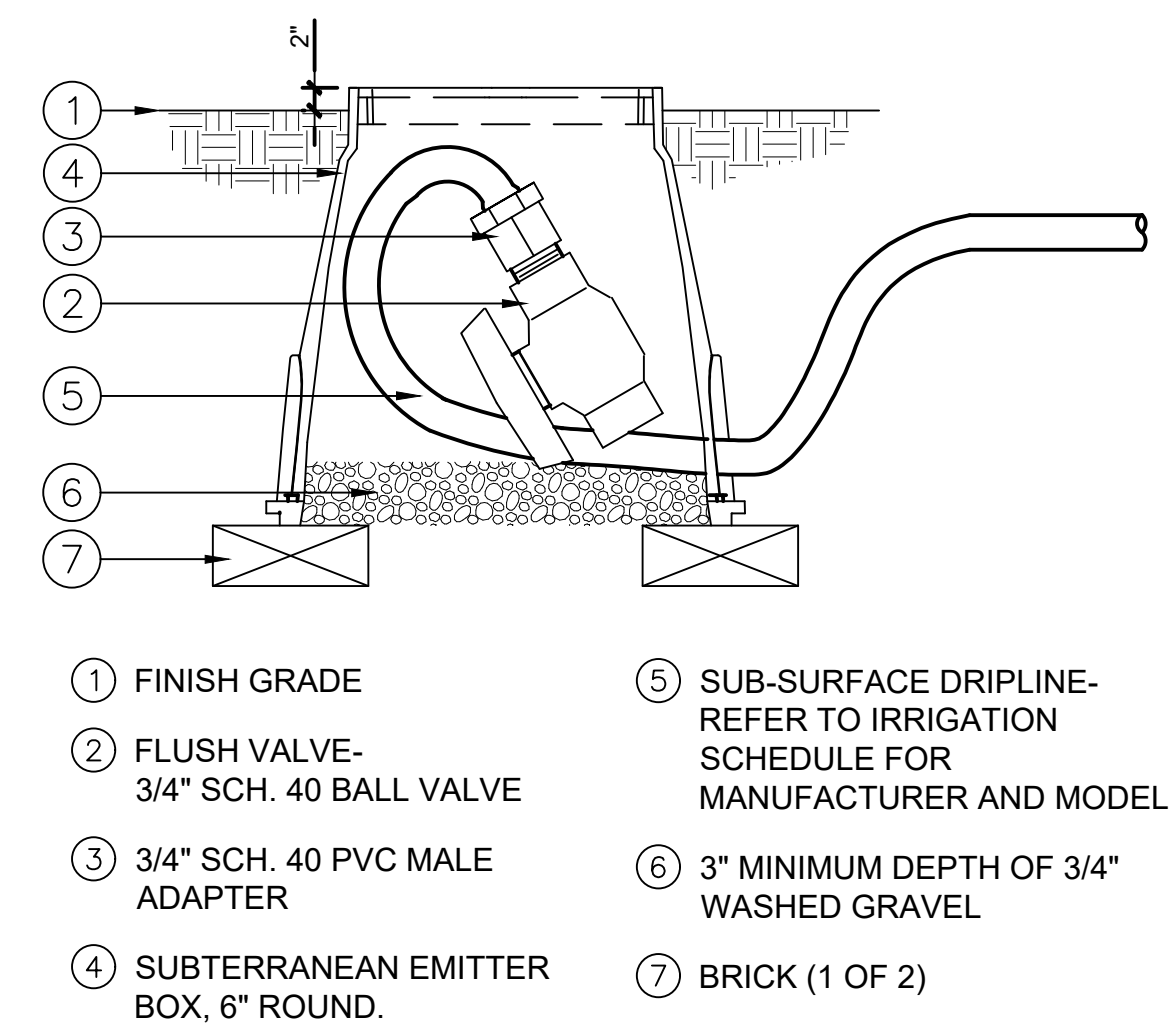


- NOTE:
- INSERT BARB TRANSFER FITTING DIRECTLY INTO DRIPLINE TUBING.
 - VAN NOZZLE MAY BE SET TO CLOSED, OR IF DESIRED TO SEE SPRAY FROM THE NOZZLE, SET THE ARC TO 1/4 PATTERN. THE FLOW FROM THE NOZZLE, 0.3 GPM, SHOULD BE ACCOUNTED FOR IN THE SYSTEM DESIGN.

G SUB-SURFACE DRIPLINE OPERATION INDICATOR

NTS

P-KE2-IRR-13

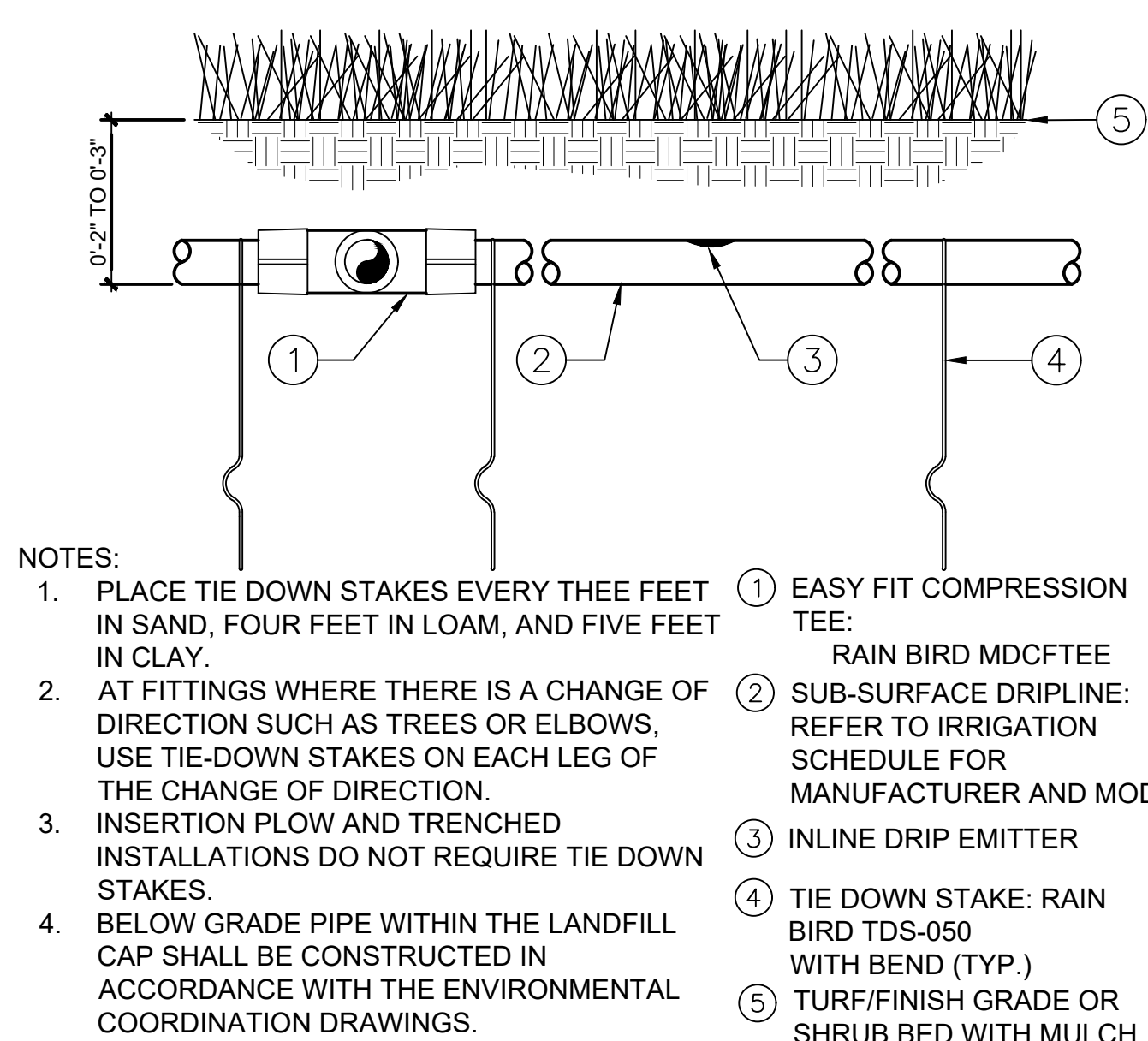


- NOTE:
- ALLOW A MINIMUM OF 6" OF DRIPLINE TUBING IN VALVE BOX IN ORDER TO DIRECT FLUSHED WATER OUTSIDE VALVE BOX.

F SUB-SURFACE DRIPLINE FLUSH POINT

NTS

P-KE2-IRR-04



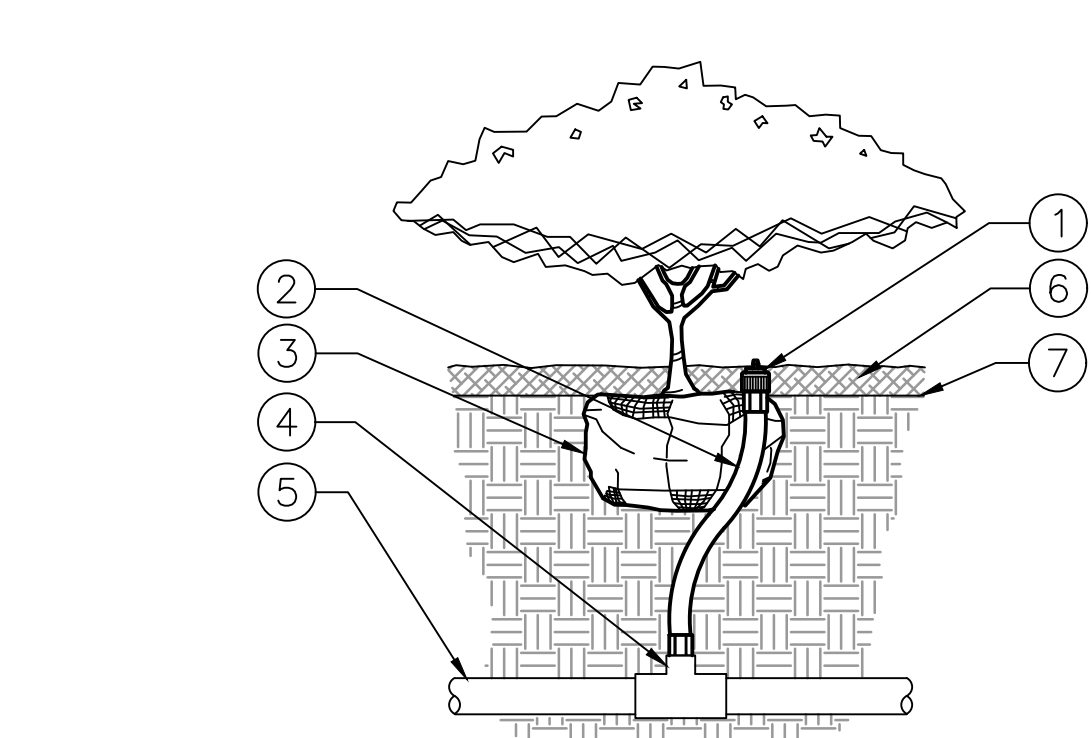
- NOTES:
- PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
 - AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TREES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.
 - INSERTION PLOW AND TRENCHED INSTALLATIONS DO NOT REQUIRE TIE DOWN STAKES.
 - BELOW GRADE PIPE WITHIN THE LANDFILL CAP SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ENVIRONMENTAL COORDINATION DRAWINGS.

- EASY FIT COMPRESSION TEE: RAIN BIRD MDCFTEE
- SUB-SURFACE DRIPLINE: REFER TO IRRIGATION SCHEDULE FOR MANUFACTURER AND MODEL
- INLINE DRIP EMITTER
- TIE DOWN STAKE: RAIN BIRD TDS-050 WITH BEND (TYP.)
- TURF/FINISH GRADE OR SHRUB BED WITH MULCH

E SUB-SURFACE DRIPLINE BURIAL

NTS

P-KE2-IRR-03

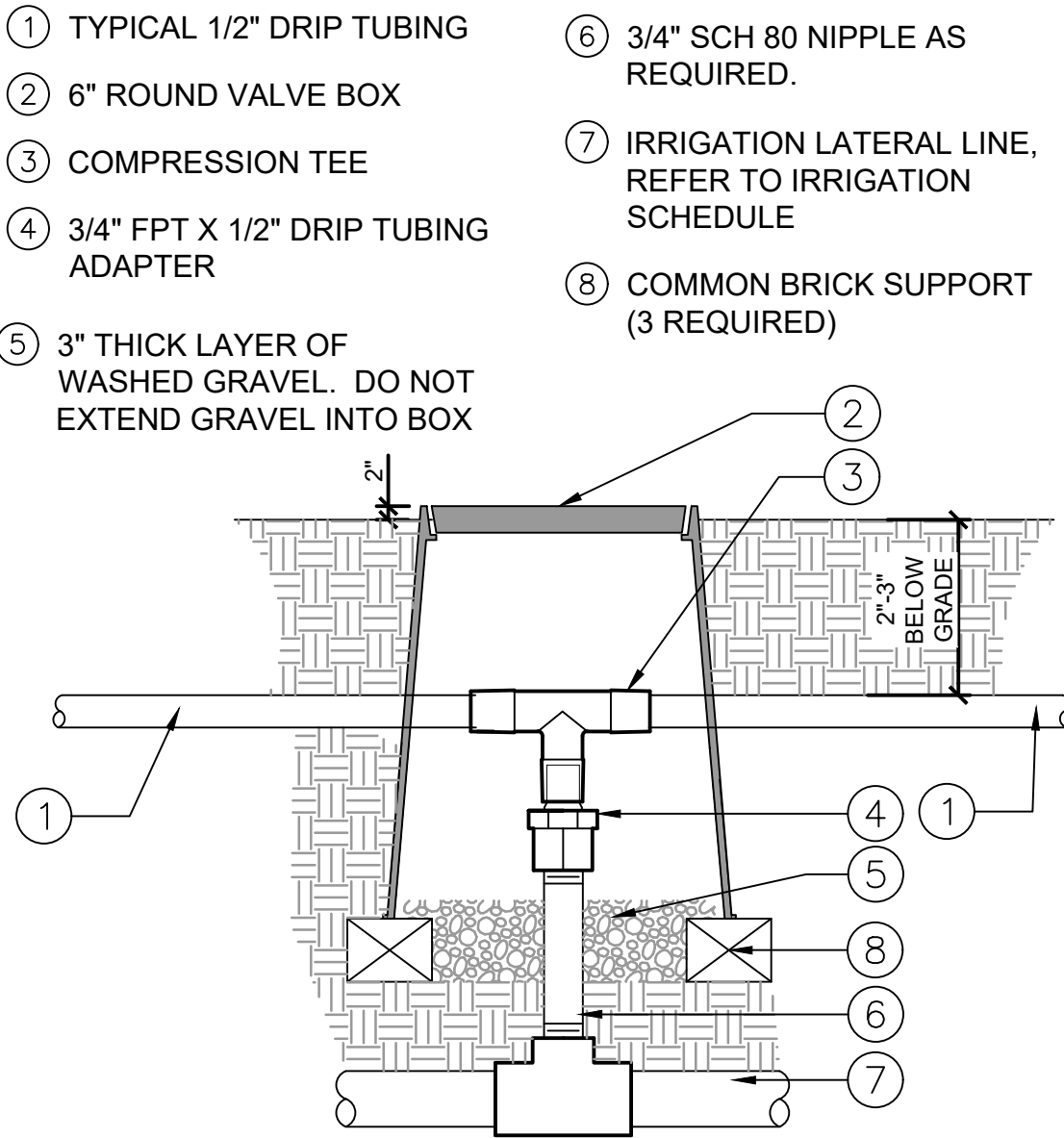


- IRRIGATION EMITTER, REFER TO IRRIGATION SCHEDULE FOR MANUFACTURER & MODEL.
- IRRIGATION HOSE, REFER TO IRRIGATION SCHEDULE FOR MANUFACTURER & MODEL.
- SHRUB ROOT BALL
- 1/2" FPT CONNECTION FROM LATERAL PIPE.
- LATERAL PIPE AS PER PLAN.
- MULCH, REFER TO PLANTING SPECIFICATIONS FOR DEPTH.
- FINISHED GRADE.

A SUBSURFACE TO SURFACE SHRUB IRRIGATION

NTS

P-KE2-IRR-02

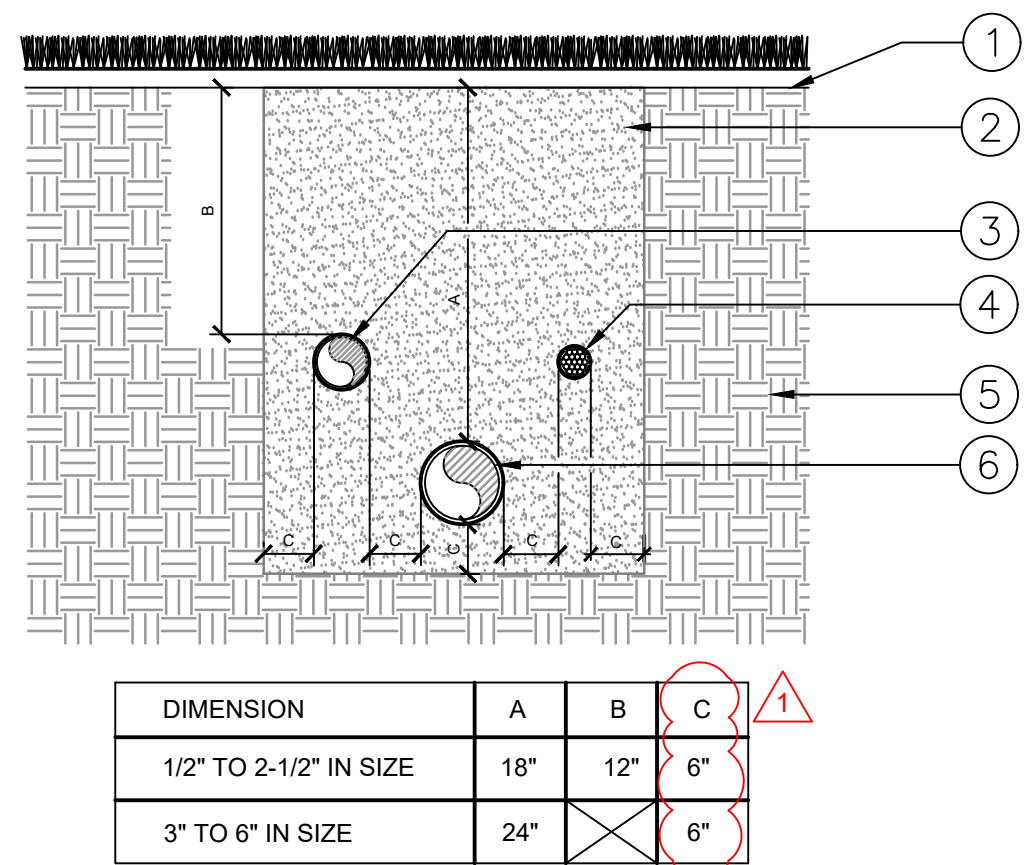


- TYPICAL 1/2" DRIP TUBING
- 6" ROUND VALVE BOX
- COMPRESSION TEE
- 3/4" FPT X 1/2" DRIP TUBING ADAPTER
- 3" THICK LAYER OF WASHED GRAVEL. DO NOT EXTEND GRAVEL INTO BOX
- 3/4" SCH 80 NIPPLE AS REQUIRED.
- IRRIGATION LATERAL LINE, REFER TO IRRIGATION SCHEDULE
- COMMON BRICK SUPPORT (3 REQUIRED)

D PIPE TRANSITION POINT

N.T.S.

P-KE2-IRR-30

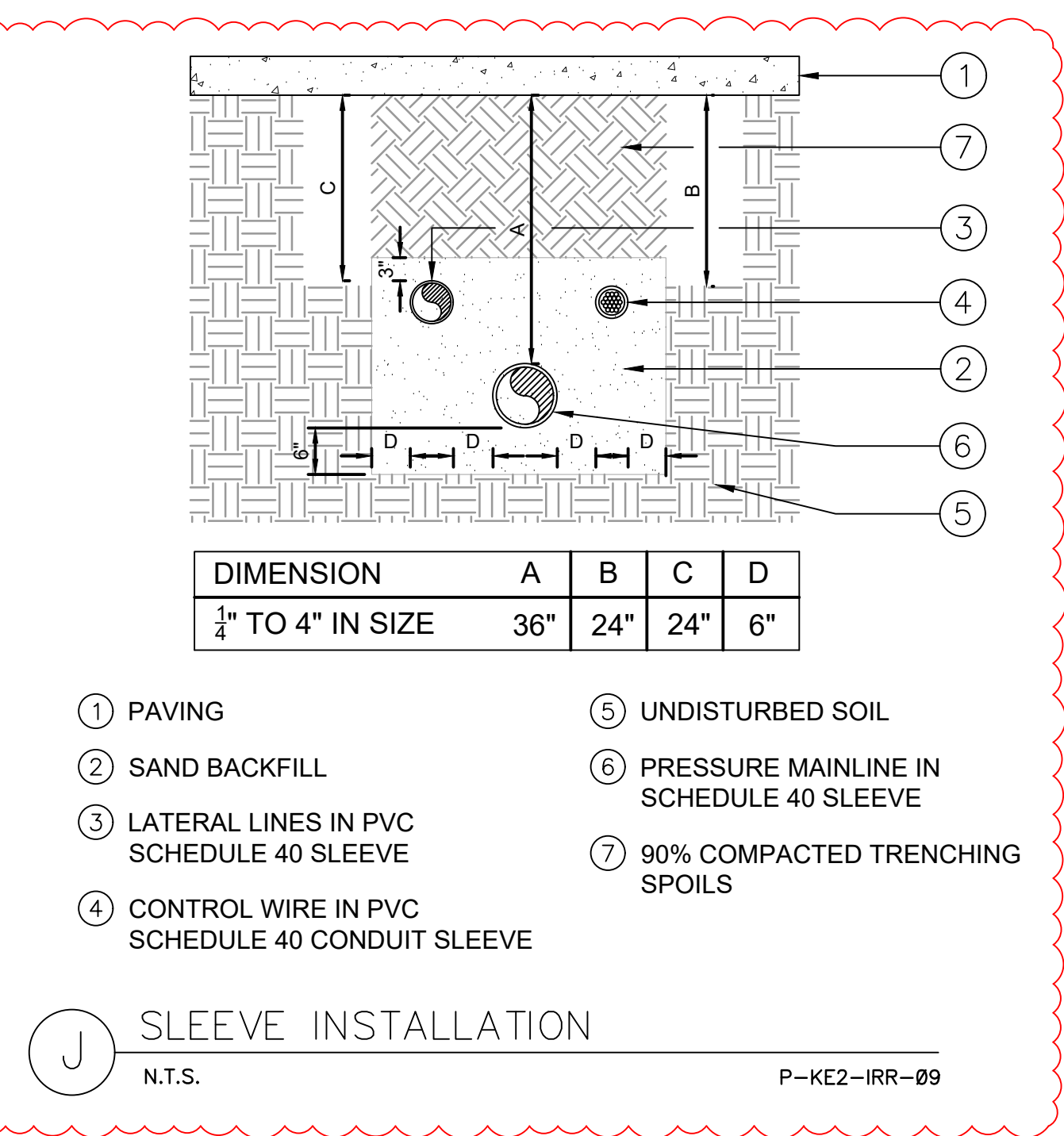


- FINISH GRADE
- CLEAN COMPACTED BACKFILL
- LATERAL PIPE, SEE SPECS.
- CONTROL WIRES. SEE SPECS. MAINTAIN 6" MIN. BETWEEN MAINLINE AND WIRE BUNDLE. CONDUIT THROUGHOUT.
- UNDISTURBED SOIL
- PRESSURE MAINLINE, SEE SPECS.

I PIPE INSTALLATION

N.T.S.

P-KE2-IRR-07



- PAVING
- SAND BACKFILL
- LATERAL LINES IN PVC SCHEDULE 40 SLEEVE
- CONTROL WIRE IN PVC SCHEDULE 40 CONDUIT SLEEVE
- UNDISTURBED SOIL
- PRESSURE MAINLINE IN SCHEDULE 40 SLEEVE
- 90% COMPACTED TRENCHING SPOILS

J SLEEVE INSTALLATION

N.T.S.

P-KE2-IRR-09

These drawings, related specifications, notes, designs and programs represent solely the work of the firm and are the property of the firm and are to not be used in any way without the written consent of the architect. Visual contract with these drawings or specifications shall constitute conclusive evidence of the contract.

A NEW BUILDING FOR:

DATE	ISSUED FOR

REVISION	DESCRIPTION
01/01/2024	ADDENDUM #5

JOB	1737800
DP	TE
PM	TE
	LD.02A

KERN COUNTY SPECIAL WASTE FACILITY

PARKING GARAGE SEC OF DOWNING AVEUNE & WEAR STREET BAKERSFIELD, CALIFORNIA

SK

AF

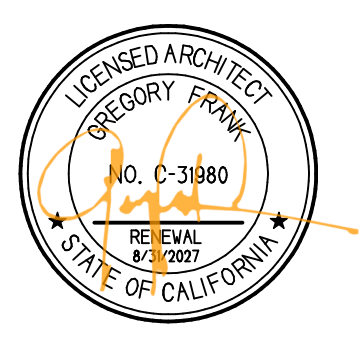
Associates

ARCHITECTURE • PLANNING • INTERIORS

Paul Skarphol, Architect • Gregory Frank, Architect

925 17th Street
Bakersfield, CA 93301
(866) 334-2741
skarpholfrank.com

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VICINITY MAP	PROJECT ANALYSIS	CONTACT INFORMATION
	SCOPE OF WORK THIS PROJECT INVOLVES THE CONSTRUCTION OF A NEW ENCLOSED PARKING GARAGE IN BAKERSFIELD, CALIFORNIA. THIS STRUCTURE WILL ACCOMPANY AND BE LOCATED ADJACENT TO A NEW HOUSEHOLD HAZARDOUS WASTE FACILITY.	OWNER KERN COUNTY PUBLIC WORKS 2700 M STREET, SUITE 400 BAKERSFIELD, CA 93301 tel 661.862.5100
	GOVERNING CODES ZONING: BAKERSFIELD MUNICIPAL CODE, TITLE 17 ZONING BUILDING CODE: 2022 TITLE 24, PART 2, CALIFORNIA BUILDING CODE ELECTRICAL CODE: 2022 TITLE 24, PART 11, CALIFORNIA GREEN BUILDING STANDARDS CODE MECHANICAL CODE: 2022 TITLE 24, PART 3, CALIFORNIA ELECTRICAL CODE PLUMBING CODE: 2022 TITLE 24, PART 4, CALIFORNIA MECHANICAL CODE ENERGY CODE: 2022 TITLE 24, PART 5, CALIFORNIA PLUMBING CODE FIRE CODE: 2022 TITLE 24, PART 6, CALIFORNIA ENERGY CODE 2022 TITLE 24, PART 9, CALIFORNIA FIRE CODE	CONTACT: DENISE SAUCEDO saucedod@kerncounty.com
	PROJECT LOCATION AUTHORITY HAVING JURISDICTION: COUNTY OF BAKERSFIELD APN: 452-070-20 ZONING: M-2 PD	ARCHITECT SKARPHOL/FRANK ASSOCIATES 925 17TH STREET BAKERSFIELD, CA 93301 tel 661.334.2741 fax 661.334.2743 CONTACT: GREG FRANK greg@skarpholfrank.com
	NEW CONSTRUCTION CLASSIFICATION OCCUPANCY TYPE: ENCLOSED PARKING GARAGE OCCUPANCY GROUP: S-2 CONSTRUCTION TYPE: V-B SPRINKLERS: NFPA 13, FULLY-SPRINKLERED	CIVIL ENGINEER SWANSON ENGINEERING, INC. 2000 OAK STREET, SUITE 150 BAKERSFIELD, CA 93301 tel 661.831.4919 CONTACT: JUSTIN SWANSON justin@swansonengr.com
SPECIAL INSPECTIONS NOTE: PER SECTION 709.5.2.1, ROLLING DOORS SHALL BE TESTED IN ACCORDANCE WITH EITHER ASTM E330 OR ANSI/DASHA 108 AND SHALL MEET THE PASS/FAIL CRITERIA OF ANSI/DASHA 108. GARAGE DOORS AND ROLLING DOORS SHALL BE LABELED WITH A PERMANENT LABEL IDENTIFYING THE DOOR MANUFACTURER, THE DOOR MODEL/SERIES NUMBER, THE POSITIVE AND NEGATIVE DESIGN WIND PRESSURE RATING, THE INSTALLATION INSTRUCTION DRAWING REFERENCE NUMBERS, AND THE APPLICABLE TEST STANDARDS. *SEE SHEET S11 FOR ADDITIONAL SPECIAL INSPECTION INFORMATION.	BUILDING AREA ENCLOSED PARKING GARAGE 6,000 S.F. TOTAL: 6,000 S.F.	STRUCTURAL ENGINEER WHEELER & GRAY, INC. 1333 SOUTH MAYFLOWER AVENUE, SUITE 320 MONROVIA, CA 91016 tel 626.432.5850 CONTACT: YUCHIN TSAI ytsai@wheelerandgray.com
	PARKING REQUIREMENTS PARKING PROVIDED: STANDARD PARKING: 7 SPACES TOTAL PROVIDED: 7 SPACES	PLUMBING/MECHANICAL ENGINEER BASKIN MECHANICAL ENGINEERS 173 FULTON STREET FRESNO, CALIFORNIA 93721 tel 559.237.0376 fax 559.000.0000 CONTACT: MARK BASKIN mbaskinme.com
		ELECTRICAL ENGINEER JMPE ELECTRICAL ENGINEERING 5500 MING AVENUE BAKERSFIELD, CA 93309 tel 661.831.7851 fax 661.831.7813 CONTACT: JOHN MALONEY maloney@jmpe.com
		LANDSCAPE ARCHITECT LANDSCAPE DEVELOPMENT, INC. 468 FOLI STREET, SUITE 2E VENTURA, CA 93001 tel 661.295.1970 CONTACT: MICHAEL McDONNELL mmcdonnell@landscapedevelopment.com
		FIRE SPRINKLER DESIGN FIRE SPRINKLER DESIGN SERVICES tel 530.230.3320 CONTACT: SHARON ALVES firesprinklerdesignservicesgv@gmail.com
	SHEET INDEX	GENERAL NOTES
	T100 TITLE SHEET T101 FINISH MATERIAL CERTIFICATES & CONSTRUCTION WASTE MANAGEMENT PLAN T110 OCCUPANCY DIAGRAM CIVIL FOR CIVIL ENGINEERING SHEETS, PLEASE REFER TO HOUSEHOLD HAZARDOUS WASTE WAREHOUSE SUBMITTAL SET PERMIT 12020408865 ARCHITECTURAL A100 SITE PLAN A210 FLOOR PLAN A310 REFLECTED CEILING PLAN A400 ROOF PLAN A500 SECTIONS A700 EXTERIOR ELEVATIONS AD1 DETAILS STRUCTURAL S11 GENERAL NOTES S11A SPECIAL INSPECTION REQUIREMENTS / NOTES S12 FOUNDATION DETAILS S21 FOUNDATION PLAN S2.2 ROOF FRAMING PLAN S3.1 ROOF FRAMING DETAILS MECHANICAL M100 MECHANICAL SITE PLAN M212 MECHANICAL FLOOR PLAN ELECTRICAL E001 ELECTRICAL GENERAL NOTES E002 ELECTRICAL FIXTURE SCHEDULE E003 LIGHTING COMPLIANCE CERTIFICATES E004 LIGHTING COMPLIANCE CERTIFICATES E005 LIGHTING COMPLIANCE CERTIFICATES E100 ELECTRICAL SITE PLAN E101 SITE LIGHTING PLAN E102 SITE LIGHTING PHOTOMETRIC PLAN E210 POWER PLAN/LIGHTING PLAN LANDSCAPE FOR LANDSCAPE SHEETS, PLEASE REFER TO HOUSEHOLD HAZARDOUS WASTE WAREHOUSE SUBMITTAL SET PERMIT 12020408865	1. VERIFY, AT SITE, ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. 2. EQUIPMENT AND ITEMS INDICATED AS NOT BEING INCLUDED IN THE CONTRACT, (N.C.), SHALL BE VERIFIED WITH THE OWNER'S REPRESENTATIVE AS TO SIZE, SHAPE AND UTILITY REQUIREMENTS TO INSURE COMPLETE AND PROPER INSTALLATION AND OPERATION. 3. ALL MANUFACTURED MATERIAL, EQUIPMENT, AND SYSTEMS SHALL BE INSTALLED AS DIRECTED BY THE MANUFACTURER UNLESS SPECIFIED TO THE CONTRACTOR AND ONLY THEN IF SUCH CONFLICT IS FIRST VERIFIED WITH THE ARCHITECT IN WRITING. 4. THE CONTRACTOR SHALL CAREFULLY EXAMINE THE PROJECT AREA AND SHALL HAVE SATISFIED HIMSELF AS TO THE EXISTING CONDITIONS AND THE CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE, OR WILL IN ANY MANNER EFFECT THE WORK UNDER THE CONTRACT. 5. WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. 6. IN THE EVENT OF CONFLICTING STATEMENTS OR REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN SUFFICIENT TIME TO PERMIT THE ISSUANCE OF WRITTEN CLARIFICATION. 7. ALL WORK PERFORMED SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND ORDINANCES. 8. FIRE MARSHAL SHALL CONFIRM NUMBER AND LOCATION OF ALL FIRE EXTINGUISHERS. 9. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND APPROVAL OF THE FIRE SPRINKLER AND ALARM SYSTEM MODIFICATIONS. 10. CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR CLEAN-UP AS JOB PROGRESSES. 11. EXISTING WORK IS SHOWN FOR REFERENCE ONLY. THE TENANT/OWNER AND ARCHITECT DO NOT GUARANTEE EXISTING CONDITIONS AS SHOWN ON THESE DRAWINGS. 12. THE CONTRACTOR SHALL INVESTIGATE EXISTING CONDITIONS TO ASCERTAIN WORK REQUIRED AND INCLUDE ALL NECESSARY PATCHING AND REFINISHING. 13. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING EQUIPMENT, ACCESSORY, DOOR, HARDWARE, PLUMBING, MECHANICAL, ELECTRICAL, LANDSCAPE, FISH, CABINETRY, ETC. SUBMITTALS TO ARCHITECT FOR REVIEW AND APPROVAL BY THE ARCHITECT AND TENANT/OWNER PRIOR TO INSTALLATION. THE CONTRACTOR IS RESPONSIBLE FOR ANY EQUIPMENT, ACCESSORIES, DOOR, HARDWARE, PLUMBING, MECHANICAL, ELECTRICAL, LANDSCAPE, FINISHES, CABINETRY, ETC. THAT ARE NOT APPROVED IN WRITING BY THE ARCHITECT AND TENANT/OWNER. 14. GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL REVIEW ALL CONSTRUCTION DOCUMENTS, I.E. ARCHITECTURAL, CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, LANDSCAPE, AND ANY WRITTEN DOCUMENTS FOR THE PURPOSE OF COORDINATION OF SYSTEMS INSTALLATION PRIOR TO START OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SUBCONTRACTORS TO NOTIFY THE ARCHITECT IN WRITING FOR CLARIFICATION OF ANY DISCREPANCIES BETWEEN PLANS AND DOCUMENTS PRIOR TO BEGINNING CONSTRUCTION.
		DEFERRED SUBMITTAL DEFERRED SUBMITTALS ARE DEFINED AS THOSE PORTIONS OF THE DESIGN WHICH ARE NOT SUBMITTED AT THE TIME OF THE PERMIT APPLICATION AND WHICH ARE TO BE SUBMITTED TO THE BUILDING OFFICIAL WITHIN A SPECIFIED PERIOD. SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL. LIST OF DEFERRED ITEMS - FINAL SOils REPORT - ROUGH GRADE CERTIFICATE - FINAL GRADE CERTIFICATE - BUILDING SIGNAGE APPLICATION - AUTOMATIC FIRE SPRINKLER SYSTEM - EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM - FIRE ALARMS - PRE-FABRICATED ROOF TRUSSES - PHOTOVOLTAIC SYSTEM DESIGN - KNOX BOXES AT ENTRY GATES

A NEW BUILDING FOR:



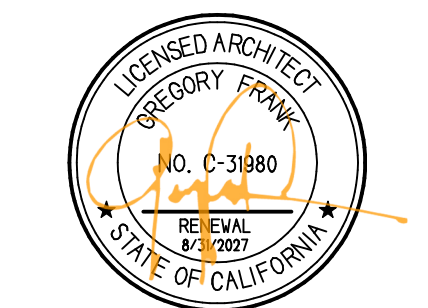
KERN COUNTY
SPECIAL WASTE
FACILITY

SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITTAL
9-16-2025	BUILDING DEPARTMENT RESUBMITTAL
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07-29-26	ADDENDUM #2

JOB 7006	
DP AC/AY	
PM GUF	
	T100A



EXIT

GRADE 2 BRAILLE

LETTERS: MIN 5/8" HIGH
RAISED MIN 1/32" - SANS
SERIF UPPERCASE

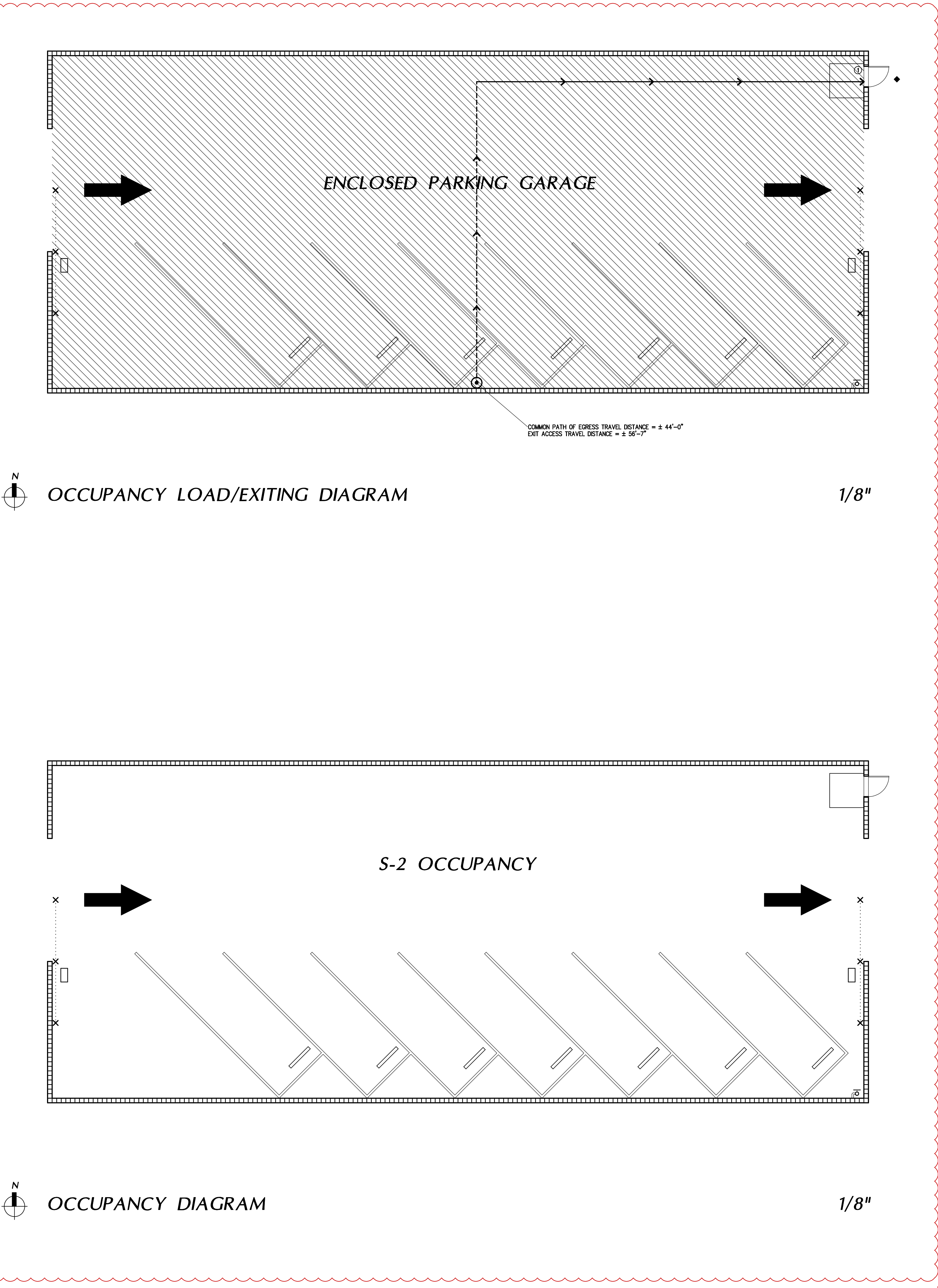
NOTES:

- COLORS: BACKGROUND - BLUE | GRAPHIC - WHITE
- TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS.
- WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. WHERE PROVIDED, SIGNS IDENTIFYING PERMANENT ROOMS AND SPACES SHALL BE LOCATED AT THE ENTRANCE TO, AND OUTSIDE OF THE ROOM OR SPACE. WHERE PROVIDED, SIGNS IDENTIFYING EXITS SHALL BE LOCATED AT THE EXIT DOOR WHEN APPROACHED IN THE DIRECTION OF EGRESS TRAVEL. EXCEPTION: IN ALTERATIONS WHERE SIGN INSTALLATION LOCATIONS IDENTIFIED IN SECTION 11B-703.4.2 ARE OBSTRUCTED OR OTHERWISE UNAVAILABLE FOR SIGN INSTALLATION, SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.
- TACTILE EXIT SIGNS SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS:
A. EACH GRADE-LEVEL EXTERIOR EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD, "EXIT".
B. EACH EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, AND THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:
1. "EXIT STAIR DOWN"
2. "EXIT RAMP DOWN"
3. "EXIT STAIR UP"
4. "EXIT RAMP UP"
C. EACH EXIT DOOR THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, AND THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE".
D. EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE".
E. EACH EXIT DOOR THROUGH A HORIZONTAL EXIT THAT IS REQUIRED TO COMPLY WITH SECTION 1013.1, SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS "TO EXIT".
5. RAISED CHARACTER AND BRAILLE EXIT SIGNS SHALL COMPLY WITH CHAPTER 11A, SECTION 11A.3A OR CHAPTER 11B, SECTIONS 11B-703.1, 11B-703.2, 11B-703.3, AND 11B-703.5.

1

TACTILE EXITING SIGNAGE

1"



LEGEND

- PRIMARY EXIT - PROVIDE TACTILE EXIT SIGN ADJACENT TO DOOR PER DETAIL THIS SHEET
- REQUIRED EXIT - PROVIDE TACTILE EXIT SIGN ADJACENT TO DOOR PER DETAIL THIS SHEET
- "EXIT" TACTILE EXIT SIGN PER THIS SHEET
- "EXIT ROUTE" TACTILE EXIT SIGN PER THIS SHEET
- DENOTES COMMON PATH OF EGRESS TRAVEL
- DENOTES DIRECTION OF EXIT PATH

OCCUPANT LOAD

PARKING GARAGES (5,775 SF./200)	29 OCC
TOTAL EXITS REQUIRED	2 EXITS
TOTAL EXITS PROVIDED	1 EXIT

ALLOWABLE AREA

S-2 OCCUPANCY FLOOR AREA (SQUARE FEET), TYPE V-B CONSTRUCTION

EQUATION S-1
A₀ = ALLOWABLE AREA (SQUARE FEET) WHERE:
A₀ = ALLOWABLE AREA (SQUARE FEET)
A₁ = TABULAR ALLOWABLE AREA FACTOR (SQUARE FEET),
NS = TABULAR ALLOWABLE AREA FOR NONSPRINKLERED BUILDING (SQUARE FEET)
IF = AREA FACTOR INCREASE FOR FRONTAGE, SECTION 506.3

SUM OF RATIOS OF FLOOR AREAS TO ALLOWABLE AREAS

BUILDING AREA AND HEIGHTS

BUILDING AREA:	6,000 SQ FT
ALLOWABLE AREA: (S-2 OCCUPANCY MOST RESTRICTIVE)	54,000 SQ.FT.
EQUATION S-1 A ₀ = ALLOWABLE AREA (SQ. FT.) WHERE: A ₀ = ALLOWABLE AREA (SQ. FT.) A ₁ = TABULAR ALLOWABLE AREA FACTOR (SQ. FT.), S1 SPRINKLERED NS = TABULAR ALLOWABLE AREA FOR NONSPRINKLERED BUILDING (SQ. FT.) IF = AREA FACTOR INCREASE FOR FRONTAGE, SECTION 506.3	64,125 54,000 13,500 70%
BUILDING HEIGHT:	22'-2"
ALLOWABLE BUILDING HEIGHT IN FEET (S OCCUPANCY SPRINKLERED)	60 FEET
NUMBER OF STORES:	1 STORY
ALLOWABLE NUMBER OF STORES (S-2 OCCUPANCY, SPRINKLERED)	3 STORY

A NEW BUILDING FOR:



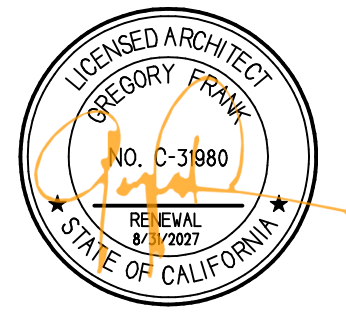
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07-29-26	ADDENDUM #2

JOB 7006	
DP AC/AY	
PM GUF	T110A



WALL LEGEND

SPILT-FACE 8" CONCRETE MASONRY UNIT EXTERIOR WALL

FLOOR PLAN NOTES

- UNLESS OTHERWISE NOTED, PLAN DIMENSIONS SHALL BE TO FACE OF STUDS, CENTERLINES OF COLUMN GRID, NOMINAL SURFACE OF MASONRY AND FACE OF CONCRETE WALLS. REFER TO ENLARGED FLOOR PLANS FOR REQUIRED CLEAR FLOOR SPACE DIMENSIONS. THE MOST RESTRICTIVE DIMENSION AND/OR CLEARANCE SHALL GOVERN.
- REFER TO STRUCTURAL DRAWINGS FOR SLAB THICKNESS AND REINFORCING REQUIREMENTS. PROVIDE 15 MIL STEGO WRAP VAPOR BARRIER.
- PROVIDE "VAPORLOCK 20/20" CONCRETE ADMIXTURE FOR WATERPROOFING BY "SPECIALTY PRODUCTS GROUP SFG" OR APPROVED EQUAL.
- PROVIDE TERMITE PRE-TREATMENT CONTROL TO SOILS SURROUNDING FOUNDATION.

DOOR SCHEDULE / NOTES

PROVIDE ALL ACCESSORIES FOR A COMPLETE INSTALLATION

- (1) 3'-0" x 7'-0" INSULATED HOLLOW METAL DOOR w/ 10" MIN. KICKPLATE - 60 MINUTE FIRE RATED DOOR & FRAME w/ LABELS

HARDWARE			
3	EA.	HINGE	5BR1 4.5 X 4.5 NRP
1	EA.	PANIC HARDWARE	QELX-RX-98N X 900L
1	EA.	RM CYLINDER	20-057-02X (SPECIFY A,B OR C)
1	EA.	CORE ONLY	23-030
1	EA.	SECURITY FLOOR STOP	F5B5
1	EA.	DOOR SWEEP	39
1	EA.	THRESHOLD	545A MSLA-10
1	2A	WEATHERSTRIP	139

PERMETER SEALS BY DOOR MANUFACTURER.

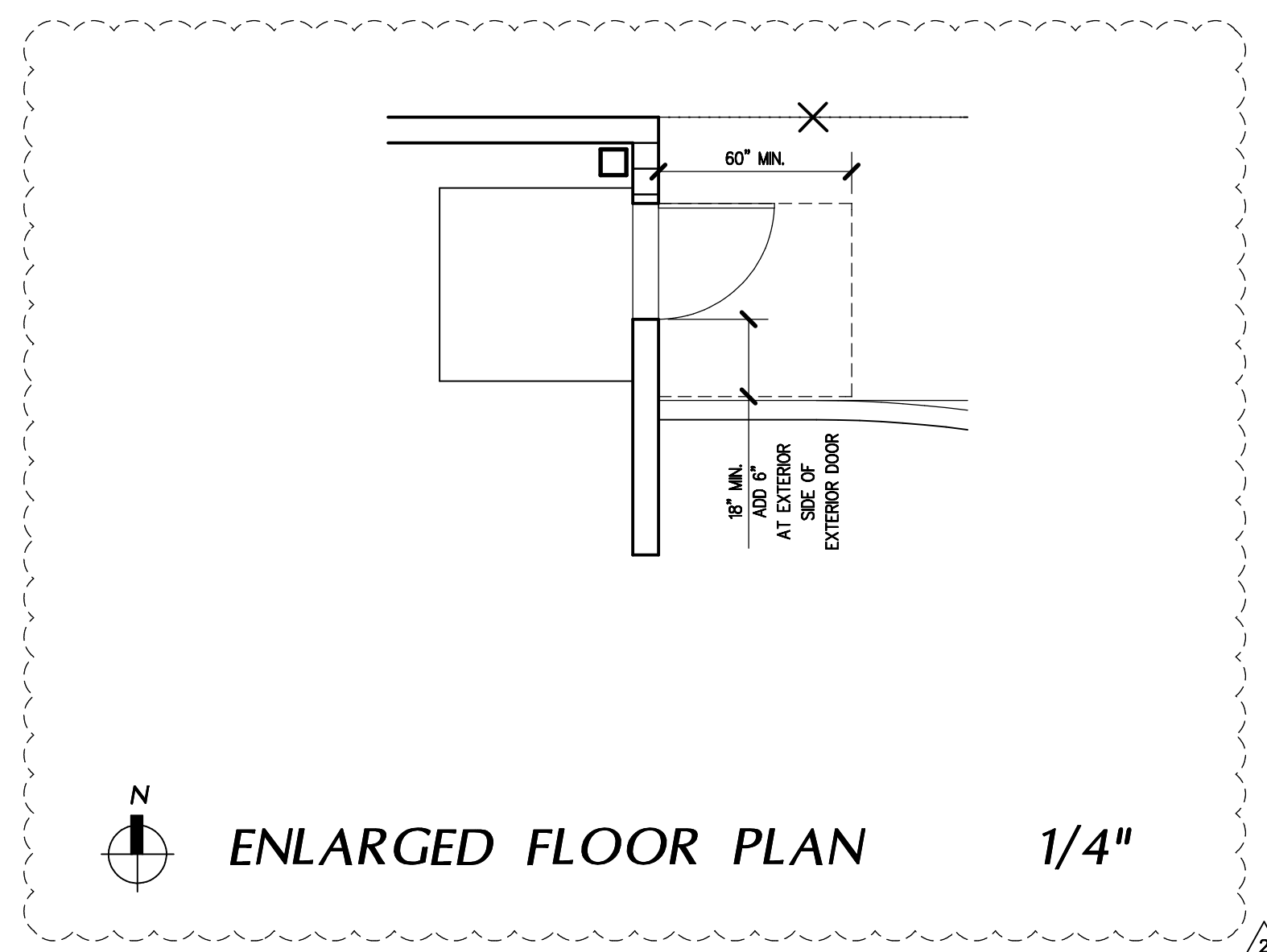
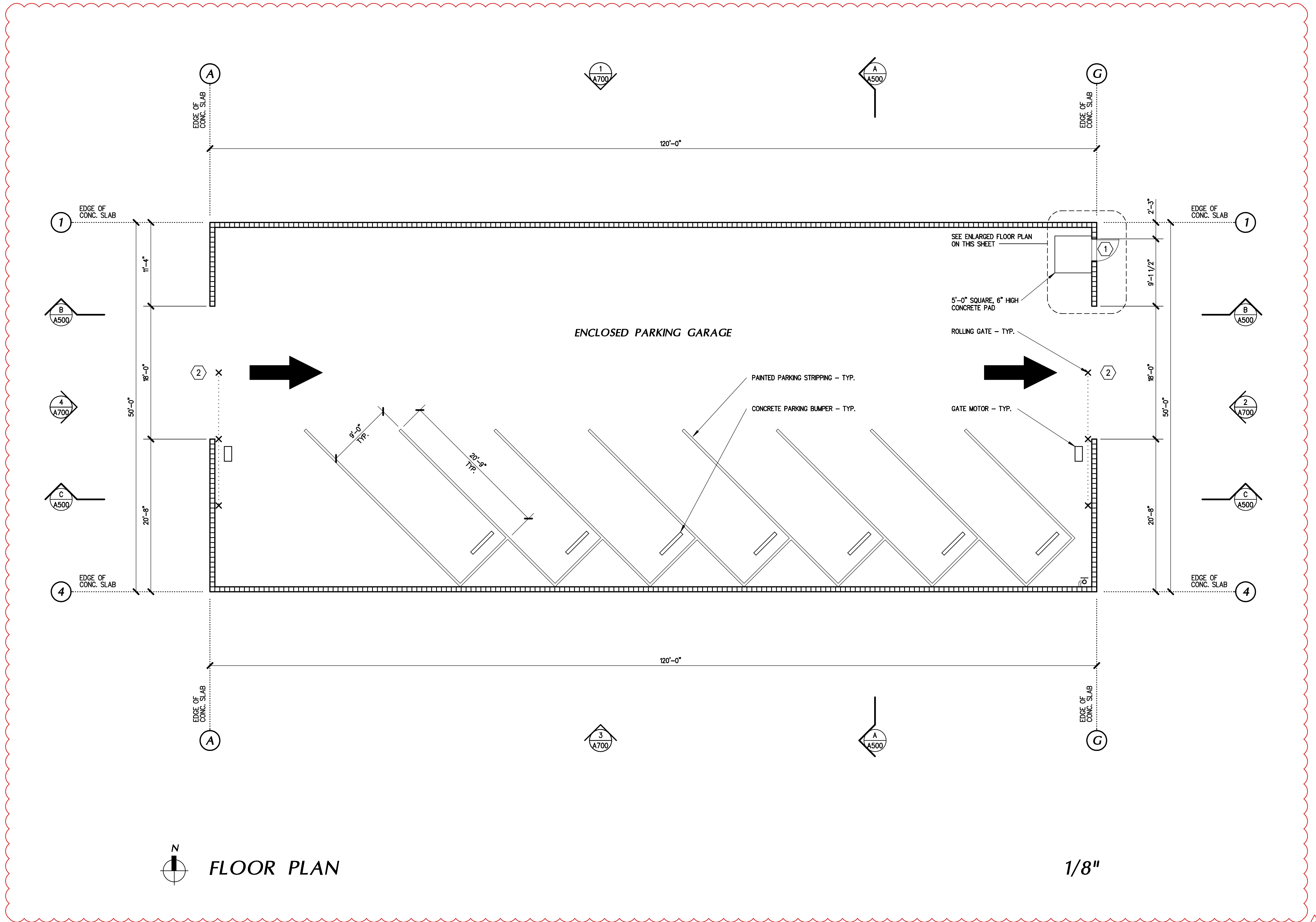
PERIMETER SEALS BY DOOR MANUFACTURER.

- (2) 8'-0" x 12'-0" WROUGHT IRON ROLLING GATE - DARK BRONZE ANODIZED

- INSTALL "SCHLAGE" LATCH SETS w/ "SATURN 626" HANDLES - UNO.
- ALL HINGES, DOOR STOPS, PUSH/PULL PLATES & KICK PLATES SHALL BE "YES" ARCHITECTURAL HARDWARE PRODUCTS" OR EQUAL.
- INSTALL METAL THRESHOLDS AND WEATHERSTRIPPING ON ALL EXTERIOR DOORS.
- ALL DOOR AND SIDELITE FRAMES SHALL BE BY "ALPHA ALUMINUM" OR EQUAL w/ CLEAR ANODIZED FINISH - UNO.
- ALL DOOR HARDWARE SHALL HAVE STAINLESS STEEL, BRUSHED ALUMINUM, OR SIMILAR FINISH.
- EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- PROVIDE A READILY VISIBLE, DURABLE SIGN ADJACENT TO ENTRY DOORS STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS". THE SIGN SHALL BE IN LETTERS NOT LESS THAN 1" HIGH ON A CONTRASTING BACKGROUND. THE LOCKING DEVICE SHALL BE A TYPE THAT IS READILY RETRACTABLE AS LOCKED.
- MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 6 LBS. FOR EXTERIOR DOORS AND 5 LBS. FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DEVICES MAY BE USED TO MEET REQUIREMENTS. FIRE RATED DOORS MAY BE INCREASED TO 15 LBS.
- THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE FLOOR OR LANDING SHALL BE AT THE SAME ELEVATION ON EACH SIDE OF THE DOOR. LANDINGS SHALL BE LEVELLED EXCEPT FOR EXTERIOR LANDINGS WHICH ARE PERMITTED TO HAVE A SLOPE NOT TO EXCEED 2% SLOPE.
- THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2" LOWER THAN THE THRESHOLD OF ANY DOORWAY. CHANGES IN LEVEL BETWEEN 1/4" MIN. HIGH AND 1/2" MAX. HIGH SHALL BE BEVELLED WITH A SLOPE NOT STEEPER THAN 1:2.
- DOOR AND GATES HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34" MIN. AND 44" MAX. ABOVE FINISHED FLOOR.
- VERIFY LOCK SETS & KEYING WITH TENANT.
- DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
- PER SECTION 7709.5.2.1 ROLLING DOORS SHALL BE TESTED IN ACCORDANCE WITH OTHER ASTM E330 OR ANSI/ASHRA 108 AND SHALL MEET THE PASS/FAIL CRITERIA OF ANSI/ASHRA 108 GARAGE DOORS AND ROLLING DOORS SHALL BE LABELED WITH A PERMANENT LABEL IDENTIFYING THE DOOR MANUFACTURER, THE DOOR MODEL/SERIES NUMBER, THE POSITIVE AND NEGATIVE DESIGN WIND PRESSURE RATING, THE INSTALLATION INSTRUCTION DRAWING REFERENCE NUMBER, AND THE APPLICABLE TEST STANDARD.

FINISH NOTES

- TAPE, SAND, PROVIDE LIGHT SKIP TROWEL FINISH AND PAINT ALL EXPOSED OYFUSM BOARD IN A SATIN FINISH.
- PAINT ALL DOORS WITH PROJECT FIELD COLOR - UNO.
- LAMINATE PLASTICS SHALL BE BY "WILSONART". SEE INTERIOR ELEVATIONS FOR EXACT LOCATIONS.
- INSTALL WINDOW COVERINGS AT ALL EXTERIOR GLAZING - VERIFY STYLE WITH ARCHITECT & TENANT.
- FINAL COLORS SHALL BE SELECTED BY ARCHITECT UNO.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING FINISH SUBMITTALS TO ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR IS RESPONSIBLE FOR ANY FINISHES THAT ARE NOT APPROVED IN WRITING BY ARCHITECT.
- INTERIOR PAINT SHALL HAVE A VOLATILE ORGANIC COMPOUND (VOC) CONTENT OF LESS THAN 50 G/L FOR FLAT COATINGS, LESS THAN 100 G/L FOR NON-FLAT COATINGS, OR LESS THAN 150 G/L FOR NON-FLAT 100% GLOSS COATINGS AND MUST COMPLY WITH GREEN SEAL STANDARD GS-14, PAINTS, 9TH EDITION, MAY 2019.
- INDOOR CARPET & CARPET PAD ADHESIVES SHALL HAVE A VOLATILE ORGANIC COMPOUND (VOC) CONTENT OF LESS THAN 50 G/L AND MUST COMPLY WITH SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULE # 1108.
- COMPOSITE WOOD AND ADHESIVER PRODUCTS USED ON THE INTERIOR OF A BUILDING MUST CONTAIN NO ADDED DECA-BROMODIBENZOIC RESINS.
- PROVIDE AN ATTIC STOCK OF 2% OF THE TOTAL CARPET AREA FOR EACH TYPE AND/OR COLOR OF CARPET TILES TO A MAXIMUM OF 100 SQUARE YARDS FROM THE SAME DYE-LOT FOR FUTURE REPAIRS.
- FLOANT FLOORING BETWEEN DIFFERENT MATERIALS FOR A SMOOTH TRANSITION SLOPE SHALL BE NO GREATER THAN 1/2".
- PROVIDE ALUMINUM TRIM/TRANSITION (SCHEN BY "SCHLUTER" OR EQUAL) AT ALL MATERIAL TRANSITIONS - VERIFY STYLE & COLOR WITH ARCHITECT.
- INTERIOR FLOORING FINISHES SHALL BE CLASS I MATERIALS MIN. (OPTICAL DENSITY SMOKE RATING NOT TO EXCEED 450).
- INTERIOR WALL & CEILING FINISHES SHALL BE CLASS B MIN. (FLAME SPREAD INDEX 25-75; SMOKE DEVELOPED INDEX 0-450).



A NEW BUILDING FOR:



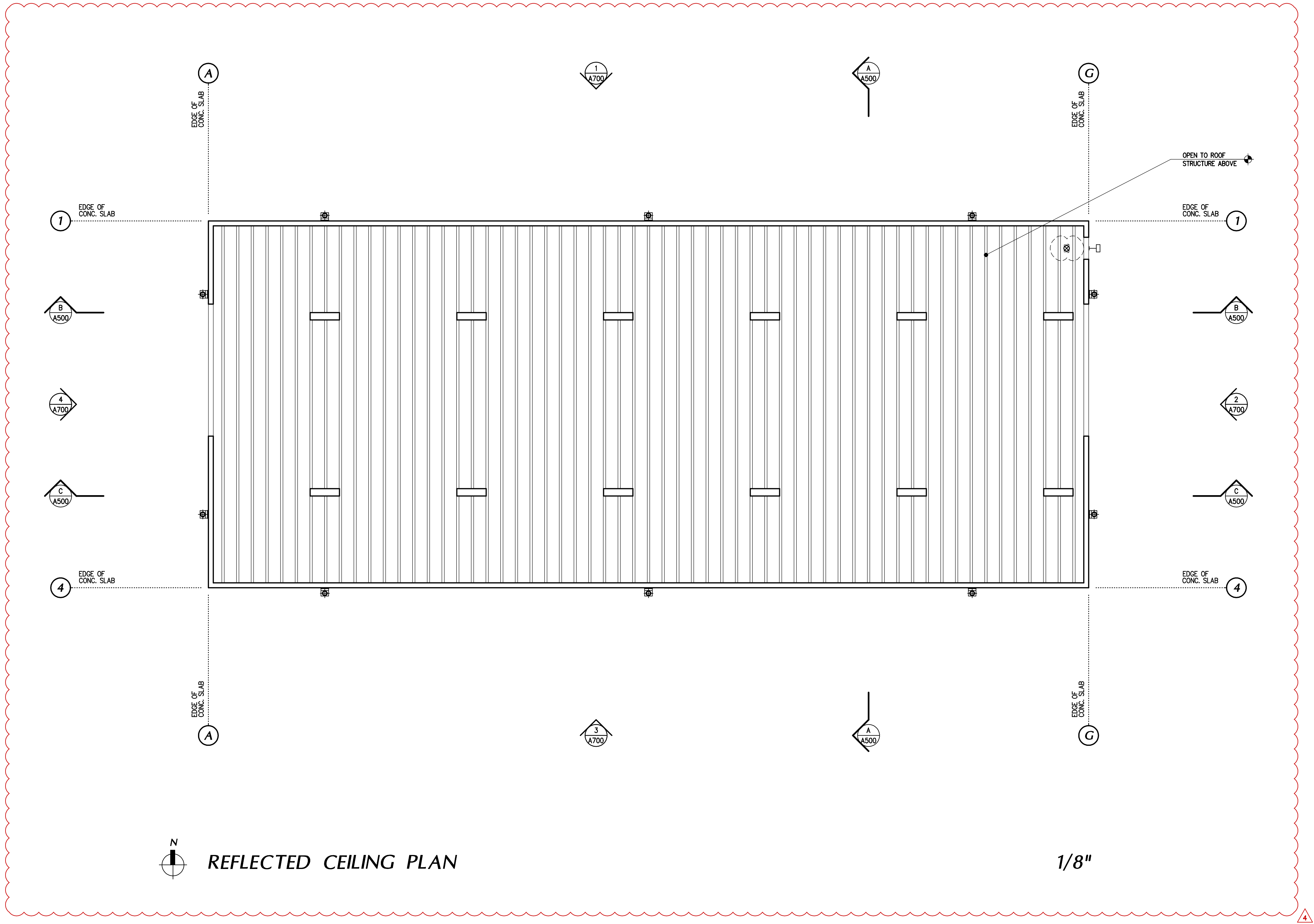
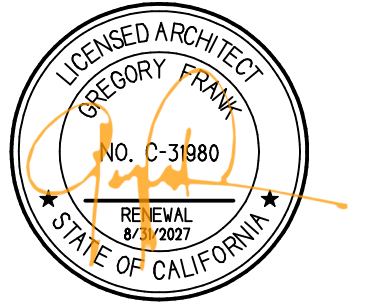
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07-29-26	ADDENDUM #2

JOB 7006	
DP AC/AY	A210A
PM GUF	



CEILING PLAN NOTES

1. LOCATION OF ALL FIRE SPRINKLERS IS SUBJECT TO APPROVAL BY THE FIRE MARSHAL.
2. PROVIDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.

CEILING LEGEND

- 1x4" SURFACE MOUNTED LED LIGHT FIXTURE - TO BE SELECTED
- EXTERIOR WALL LUMINAIRE - BOTTOM 18" AFF. UNO. LIGHT FIXTURE - BECA 3348.03.57 COLOR: TO BE SELECTED
- EXTERIOR EMERGENCY WALL LUMINAIRE w/ BACKUP BATTERY - BOTTOM 18" AFF. UNO. LIGHT FIXTURE - TO BE SELECTED COLOR: TO BE SELECTED
- ILLUMINATED EXIT SIGN WITH 90 MINUTE BATTERY BACKUP PER C.B.C. REQUIREMENTS

A NEW BUILDING FOR:



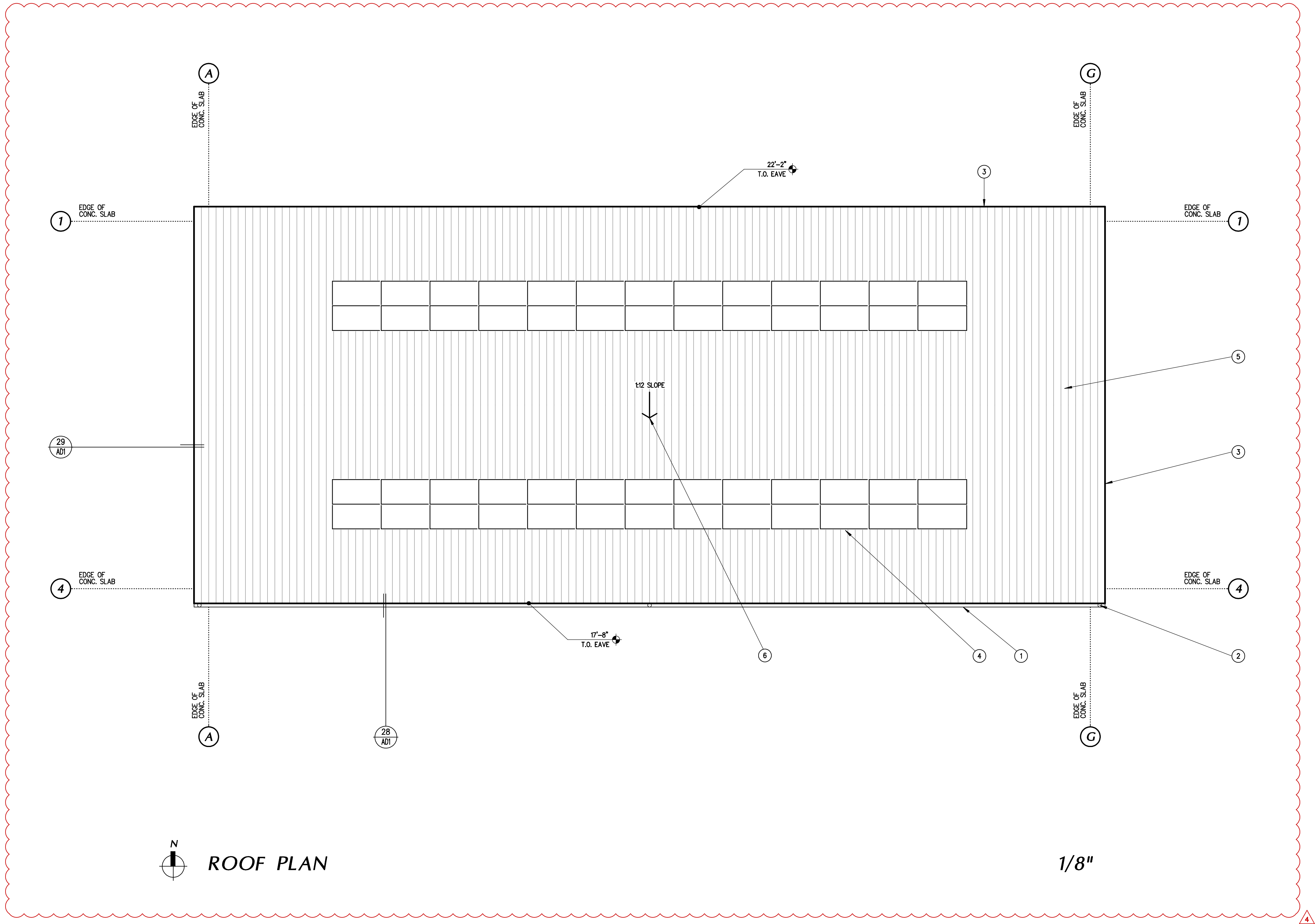
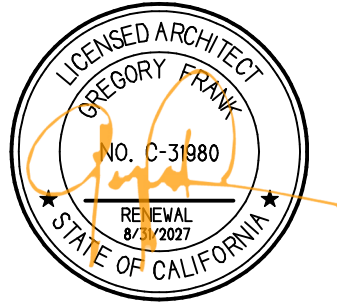
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JOB 7005	A310A
DP AC/AY	
PM GUF	



- KEYNOTES**
- 1 EXTERIOR RAIN GUTTER
 - 2 LOCATION OF SHEET METAL DOWNSPOUT
 - 3 EDGE OF ROOF CONSTRUCTION
 - 4 LOCATION OF PHOTOVOLTAIC PANELS
 - 5 "AEP" SPAN, "SPANSEAM" ROOF METAL PANEL SYSTEM - INSTALL PER MANUFACTURE INSTRUCTIONS
 - 6 DIRECTION OF ROOF SLOPE

A NEW BUILDING FOR:



**KERN COUNTY
SPECIAL WASTE
FACILITY**

**SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA**

DATE	ISSUED FOR
5-27-2025	BUILDING DEPARTMENT RESUBMITTAL
9-16-2025	BUILDING DEPARTMENT COMPLIANCE
10-30-2025	BUILDING DEPARTMENT COMPLIANCE

REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE
12-29-25	ADDENDUM B

JOB 7005	A400A
DP AC/AY	
PM GUF	

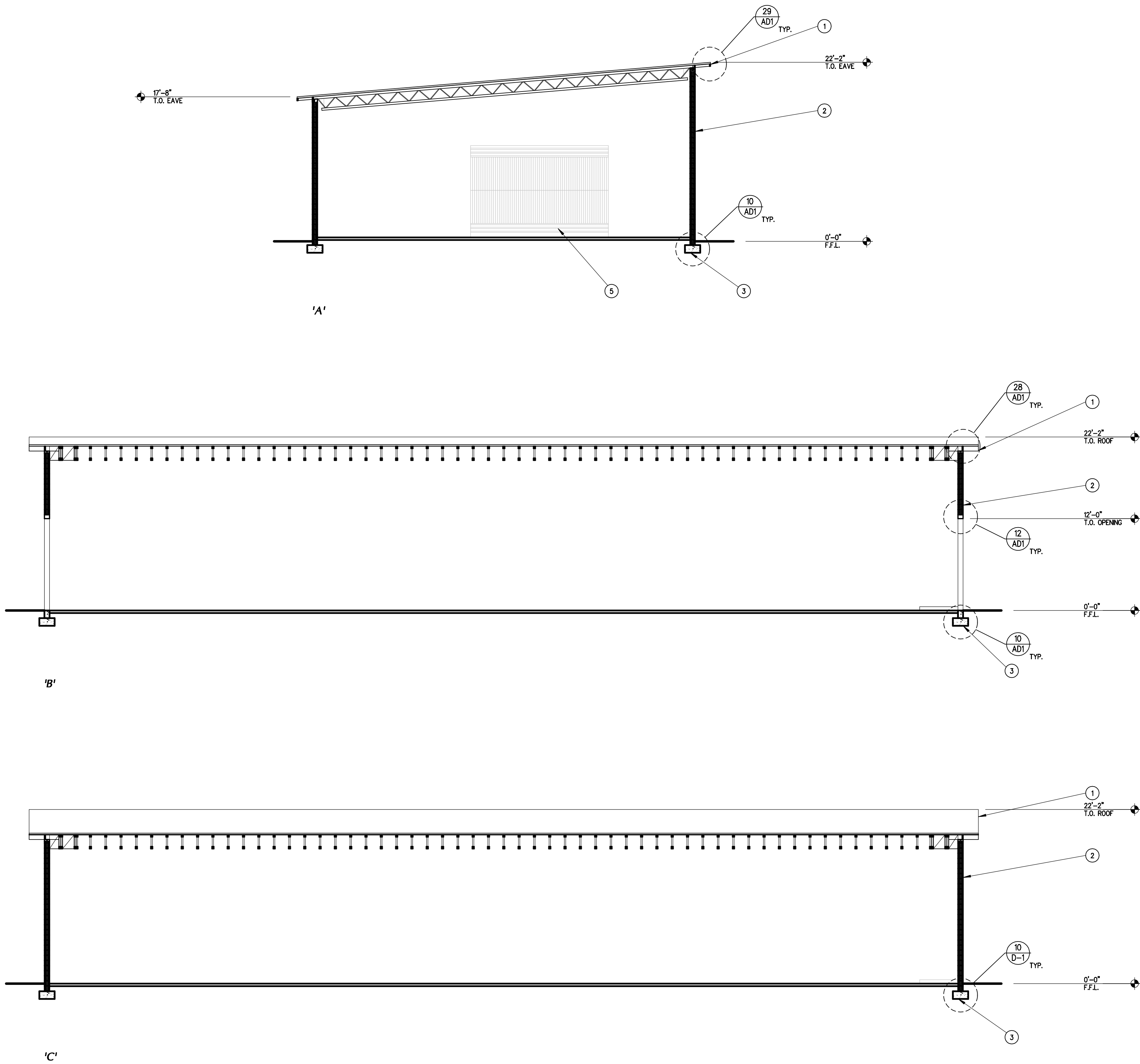
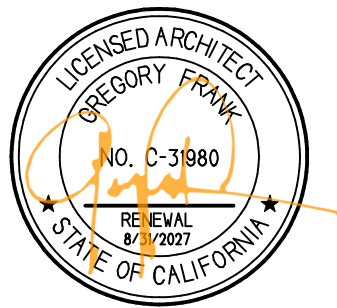


Skarphol/Frank
Associates

ARCHITECTURE • PLANNING • INTERIORS
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KEYNOTES

- 1 METAL ROOF PANELS w/ WEATHER BARRIER w/ PLYWOOD SHEATHING w/ ROOF TRUSSES
- 2 CONCRETE MASONRY UNIT WALL - SEE PLAN
- 3 CONCRETE FOUNDATION - SEE PLAN
- 4 DOOR - SEE PLAN
- 5 ROLLING GATE - SEE PLAN

SECTIONS

1/8"

A NEW BUILDING FOR:



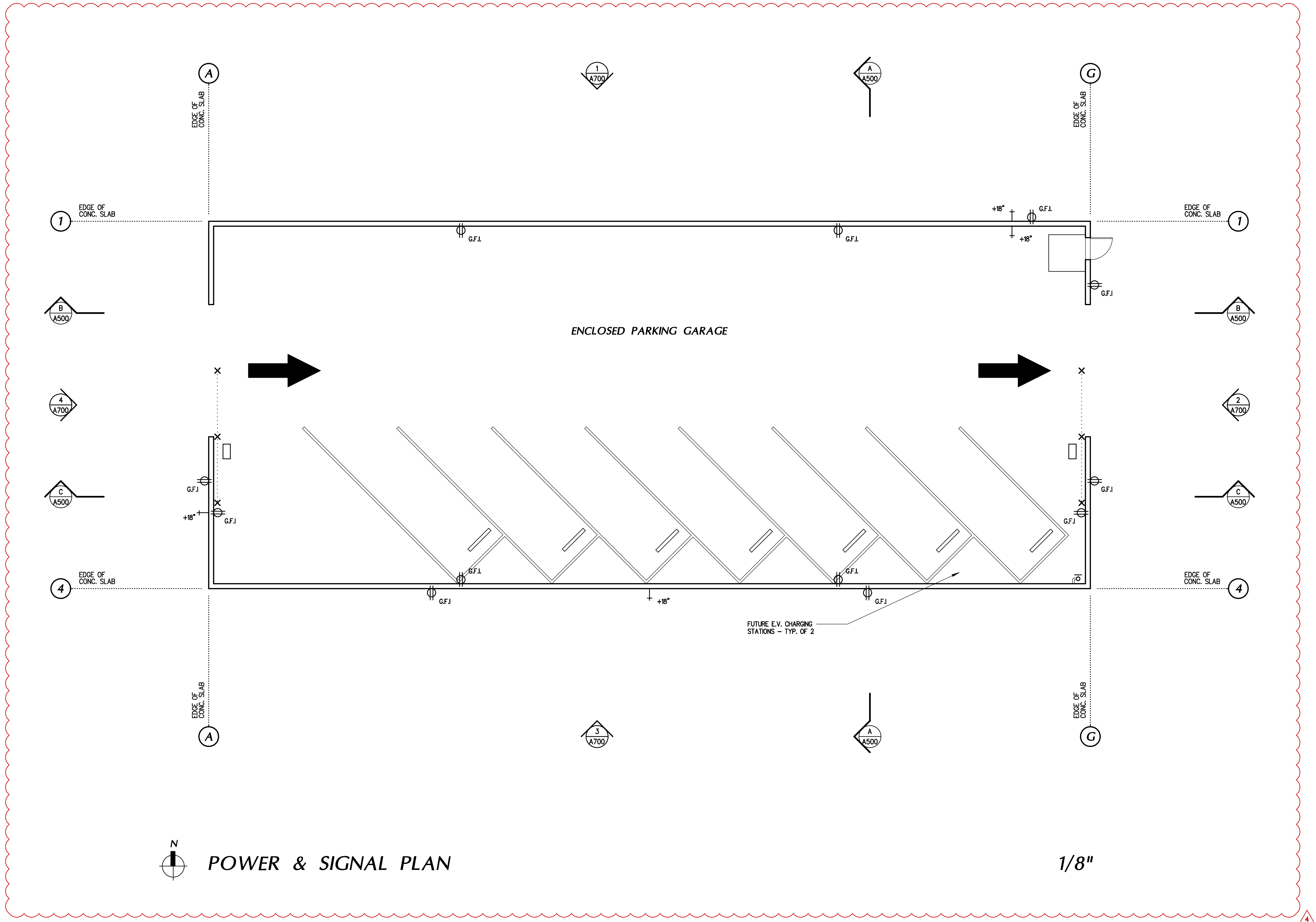
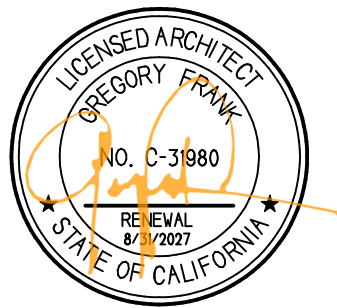
KERN COUNTY
SPECIAL WASTE
FACILITY

SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA

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5-27-2025	BUILDING DEPARTMENT RESUBMITTAL
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REVISION	DESCRIPTION
5-27-25	BUILDING DEPARTMENT COMPLIANCE
9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE
07-29-26	ADDENDUM B

JOB 7006	
DP AC/AY	
PM GUF	A500A



POWER & SIGNAL NOTES

1. POWER AND SIGNAL LOCATIONS ON THIS PLAN ARE ONLY APPROXIMATE - AFTER WALLS ARE FRAMED G.C. SHALL WALK OWNER THROUGH JOB-SITE AND FIELD VERIFY EXACT LOCATIONS OF ALL POWER AND SIGNAL JUNCTION BOXES.
2. CONTRACTOR IS RESPONSIBLE FOR ANY DESIGN BUILD DRAWINGS REQUIRED FOR PERMITTING.
3. GENERAL CONTRACTOR SHALL COORDINATE WITH THE SYSTEMS FURNITURE SUPPLIER ALL DATA AND ELECTRICAL REQUIREMENTS TO FURNITURE AND METHODS AND POINTS OF CONNECTION.
4. DEDICATED CIRCUITS ARE NOT SHOWN ON THIS PLAN - VERIFY ANY DEDICATED CIRCUIT REQUIREMENTS AND LOCATIONS WITH TENANT.

POWER & SIGNAL LEGEND

NEW

- ⊕ DUPLEX RECEPTACLE w/ LOOKING BOX
+ HOSE BIBB

A NEW BUILDING FOR:



**KERN COUNTY
SPECIAL WASTE
FACILITY**

**SEC. OF DOWNING AVE
& WEAR ST
BAKERSFIELD, CALIFORNIA**

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REVISION	DESCRIPTION
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9-16-25	BUILDING DEPARTMENT COMPLIANCE
10-30-25	BUILDING DEPARTMENT COMPLIANCE
07-29-26	ADDENDUM #2

JOB	7006
DP	AC/2V
PM	GUF
	A910A