## Codestack Academy SAN JOAQUIN COUNTY OF EDUCATION

#### **ADDENDUM #4**

FROM: ARCHITECHNICA

555 W. BENJAMIN HOLT DRIVE

SUITE 423

STOCKTON, CA 95207

(209) 952-5850 FAX (209) 952-2442

PROJECT : CODESTACK ACADEMY

LOCATION : 201 North California Street

Stockton CA 95202

REF. # : ARCH PROJ. No. 2023-04

OWNER : San Joaquin County of Education

2707 Transworld Drive Stockton, CA 95206

DATE: 11 March 2025

#### **NOTICE TO ALL BIDDERS**

IT IS THE PURPOSE AND INTENT OF THIS ADDENDUM TO MODIFY AND/OR CLARIFY THE DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT AND THIS ADDENDUM SHALL BECOME A PART OF THE CONTRACT DOCUMENTS. THESE CHANGES AND/OR INTERPRETATIONS SHALL BE INCORPORATED INTO YOUR BID.

REFER TO PROJECT PLANS AND SPECIFICATIONS PREPARED BY ARCHITECHNICA, COVER SHEET DATED 22 January 2025

#### **GENERAL**

**ITEM 01** Responsibility matrix for electrical and furniture installation.

#### INTERIOR FINISHES

**ITEM 02** QUESTION (02.28.25): Please provide supplemental interior design. The plans state to coordinate with them.

<u>RESPONSE:</u> Interior finishes are shown on sheets A2.9 & A2.10, and schedules sheet A8.7. Additionally material finishes are noted on interior elevation sheets. There will not be a supplemental interior design package.

ITEM 03 QUESTION (03.11.25): Multiple interior elevations call for 04 20 01.A3 Thin Brick Veneer. Please provide specifications for thin brick veneer and installation details.

<u>RESPONSE:</u> Items keynoted as 04 20 01.A3 (Thin Brick Veneer) will be Wall Tile TW6: Specified by Interior Wall Tile Schedule, Sheet A8.7, as a Porcelain Tile by TILE BAR; ENGLISH BRICK, WHITE.

Interior elevations noted: 7, sheet A7.1.5; 6, sheet A7.1.6

15 & 16, sheet A7.2.6; 11 & 12, sheet A7.3.4

1 & 4, sheet A7.3.5; 2A, sheet A7.0.3

ITEM 04 QUESTION (03.11.25): 3/A7.3.4 says TV in the middle of the wood panel wall. Elevation 10/A7.3.3 shows TV in the middle of Wood Panel Wall as well but shows the outline of a TV. How are the TV mounted of the wall? Is the wood panel to run behind the TV? Who furnishes and installs the TV and TV mounts?

<u>RESPONSE:</u> Televisions and mounts will be provided by and installed by Audio Visual consultant hired by SJCOE. See attached responsibility matrix. Wood panels should run full height of wall.

ITEM 05 QUESTION (03.11.25): A2.9 calls out WC4 at reception area. Elevation 7/A7.1.5 appears to call out WC 3 at this location. A8.7 Interior Finish does not appear to include WC4 finish. Please confirm this is WC3 at the reception area per elevation drawings.

RESPONSE: Yes, WC4 call out should be WC3 at reception.

ITEM 06 QUESTION (03.11.25): 1/A2.10 near the drinking fountain alcove, there is a WC3 notation below the P4. There are no arrows to identify this WC3 applies. Elevation 1/A7.2.7 does not appear to show any WC3. Please confirm if and where the WC3 is to be installed at level 2.

<u>RESPONSE:</u> There is no WC3 to be applied to the 2nd floor. WC3 only occurs at the reception desk in lobby 1-09.

#### **CORNER GUARDS**

ITEM 07 QUESTION (02.28.25): Please clarify scope related to corner guards. How are locations for corner guards identified on plans?

<u>RESPONSE</u>: Corner guards were only specified for one location, sheet A2.1 / 2: corner guard called out at bathroom corner - Detail 5/A9.2.11. Corner Guards shall be removed.

#### SPECIALTY EQUIPMENT

ITEM 08 QUESTION (03.11.25): Elevation 12/A7.3.2 calls out Specialty Equipment "Z" which is not included on the legend. Detailed plan 1/A7.3.1 appears to identify this item as "R". Please confrim that this item to be "R" Cleaning Supply Dispenser.

<u>RESPONSE:</u> Yes, Specialty equipment noted on interior elevation 12/A7.3.2 should be equipment "R" Cleaning supply disenser as noted on plan 1/A7.3.1.

ITEM 09 QUESTION (03.11.25): Enlarged Detailed Plan for Restroom 3-08 and Accessible Restroom 3-06 call out Equipment "F". The elevations for these two rooms call out Equipment "F: and "F2". Please confirm that "F2" is also required at these two rooms.

<u>RESPONSE:</u> Yes, Restrooms 3-06, and 3-08 should also be equpied with F2- Soap Dispenser wall protector as seen in interior elevations 1 & 8 / sheet A7.3.2.

In addition, Restrooms 2-05 & 2-07 on Sheet A7.2.1 should also receive F2-Soap Dispenser wall protector as seen in interior elevations 5 & 11, Sheet A7.2.2.

#### **VEHICLE GATE OPERATOR**

**ITEM 10** QUESTION (03.04.25): Max Pro 2200 slide gate operator in lieu of LiftMaster gate operators; was informed by our gate automation suppliers that a Max Pro 2200 slide gate operator works compatibly and efficiently with a telescopic style gate. However in Spec Section 32 31 19, it lists to use LiftMaster gate operators.

RESPONSE: Please provide specified LiftMaster product.

#### ITEM 11 WATER SPIGOT REMOVAL

Water spigots have been installed for hazardous material abatement work. Water spigots may be used to assist with demolition work. These water spigots shall be removed prior to project completion. See attached map for locations.

#### <u>LIGHT - BAFFLE SUBSTITUTION</u>

ITEM 12 QUESTION (02.28.25): Specification 26 51 19 LED Interior Lighting – Acoustic Housing

Request to substitute with: CSI Creative Soundcore Folded Baffles FP007; Soundcore Profile Framed Clouds FP004: Soundcore Profile Framed Clouds FP010.

<u>RESPONSE</u>: We will accept CSI Creative Soundcore substitutions as noted below. While the request received did not indicate a replacement for Part 2/ 2.4C; "Cantilever Wave Style" specified at the Lobby; CSI creative BFL-SGL-002 Curved Ceiling Baffle would also be acceptable.

#### CSI Form 1.5c Request #1-1:

Part 2/ 2.3A: FOCAL POINT SEEM 1 ACOUSTIC (E1, E16, E6) – substitute with: Soundcore Folded Baffles FP007

#### CSI Form 1.5c Request #1-2:

Part 2/ 2.4A: FOCAL POINT AIRCORE BRIDGE (E5A, E5B) - substitute with: Soundcore Folded Baffles FP007

#### CSI Form 1.5c Request #1-3:

Part 2/ 2.4A: FOCAL POINT ACOUSTICAL TRIO (E8A, E8B) - substitute with: Soundcore Profile Framed Clouds FP010

#### CSI Form 1.5c Request #1-4:

Part 2/ 2.7A: FOCAL POINT AIRCORE BLADE - substitute with: Soundcore Folded Baffles FP001

#### CSI Form 1.5c Request #1-5:

Part 2/ 2.9A: FOCAL POINT TRUBLADE - substitute with: Soundcore Single Baffles FP003

#### ITEM 13 PROJECTORS AND SCREENS

QUESTION (03.11.25): A. Elevation 4/A7.1.7 and 8/A7.1.8 show what appears to be a projection screen, but there is not a callout. Elevations appear to show attachment above storefront. Are these wall mounted? If so, will they conflict with window shade below?

B. On A3.7 and A3.8, it shows ceiling mounted projectors at Classroom 2 and Classroom 4, but elevations for these classrooms do not show projection screens? Please confirm if screens are required and how they are to be mounted.

<u>RESPONSE:</u> Video projectors and operable projection screens to be furnished and installed by SJCOE vendor. Coordination between contractor and vendor is required.

#### PROJECT MANUAL - new or revised sections

#### ITEM 14 SALVAGE MATERIALS / SELECTIVE DEMOLITION

Replace Project Manual section 02 41 16 "Structure Demolition" with attached Project Manual Section 02 41 19 "Selective Structure Demolition".

ITEM 15 QUESTION (03.07.25): Specification section 05 75 13 describes the decorative metal panels in the project. Several manufacturers supply such decorative panels with similar designs including Bok Modern, Metal Spaces, Etc. The specifications do not call out a specific manufacturer required, however, when reviewing the plans Revamp panels are called out.

Please confirm it is not the intent to solely specify revamp panels but rather per the specification allow for the most competitive decorative panels that meet the material and coating requirements of the project as an equal.

<u>RESPONSE</u>: Please submit a request for substitution for any metal panels you wish to substitute. Panels used for substitution of the exterior awning or stairwell must also meet structural load requirements.

#### **ELECTRICAL SHEETS**

#### **ITEM 16 GENERAL NOTES**

Drawing sheet: E0.2; added Notes 2 & 3. Revised Electrical sheets attached.

#### ITEM 17 OUTLET LOCATIONS

Drawing sheets: E0.1, E2.1.2, E2.1.3, E2.2.2, E2.2.3, E2.3.2, E2.3.3, E2.4.2, E2.4.3

Electrical outlets and Data cable boxes added in lieu of junction boxes for desk locations (all floors). Revised Electrical sheets attached.

#### **CONCRETE OVER METAL DECK**

**ITEM 18** QUESTION (02.28.25): Is the concrete over metal deck to be normal weight?

<u>RESPONSE:</u> Yes, concrete over metal deck shall be normal weight concrete. Noted on structural drawings (Floor plan notes #13, sheets S2.2, S2.3 & S2.4).

#### STEEL CLOSURE PLATE

ITEM 19 QUESTION (02.28.25): Detail 16/A9.2.11 calls for 16 GA closure plate to be tack welded to structural steel beam when perpendicular to wall plate. Can this material be upsized to 1/4" plate so it can be welded as part of shop fabrication by structural steel fabricator?

RESPONSE: Yes, a plate thickness of 1/8" to 1/4" is acceptable.

#### **SHORING**

NOTE: Per Project Manual section 01 40 00 – Quality Requirements, it is the responsibility of the contractor to provide professional engineering design services for the shoring and underpinning of this building during demolition and construction.

**ITEM 20** QUESTION (02.28.25): Will the general be responsible for the engineering of the shoring and installation?

RESPONSE: Yes.

**ITEM 21** QUESTION (02.28.25): Will there be sheet pile shoring at over excavated areas for the CIP concrete walls? Same question is heavily required at the areas where the Building is adjacent to existing City streets.

<u>RESPONSE</u>: This is means and methods, which is the responsibility of the contractor based on their proposed design and their ability to address shoring and underpinning of the existing building's exterior walls and foundation systems.

ITEM 22 QUESTION (02.28.25): Can the shoring component of this project be more specifically detailed?

<u>RESPONSE</u>: This is means and methods, which is the responsibility of the contractor based on their proposed design and their ability to address shoring and underpinning of the existing building's exterior walls and foundation systems.

ITEM 23 QUESTION (02.28.25): Will we need to cut back (E) grade to access forming of Cast in Place walls?

<u>RESPONSE</u>: This is means and methods, which is the responsibility of the contractor however, the installation of perimeter foundations will require access.

**ITEM 24** QUESTION (02.28.25): Are concrete piers needed for the structural supports of the brick structure? Selective shotcrete on (E) brick walls? Trying to understand approach to sequence.

<u>RESPONSE</u>: This is means and methods, which is the responsibility of the contractor based on their proposed design and their ability to address shoring and underpinning of the existing building's exterior walls and foundation systems. Therefore, sequencing is the responsibility of the contractor. Existing brick walls are supported on existing concrete structures. Existing concrete walls will need to be shored horizontally. Underpinning of existing concrete footings is shown in the structural drawings.

**ITEM 25** QUESTION (02.28.25): Has a preliminary schedule been released? This project is heavily dependent on the sequence in regard to excavation and structural Concrete.

<u>RESPONSE:</u> Refer to paragraph 3 in the Supplementary General Conditions and Addendum #3. A milestone schedule is provided to assist the contractor in the development of the Contractor's Construction Schedule.

ITEM 26 QUESTION (02.28.25): Details B on sheet S4.1, B on sheet S4.4 & B on sheet S4.5 show (E) footing undermined. Are there any structural supports needed at this location of undermined footings?

<u>RESPONSE</u>: Details are provided on both the Structural and Helical Pile drawings with new concrete slab below existing walls. However, the means and methods to undermine the existing concrete footings is the responsibility of the contractor.

ITEM 27 QUESTION (02.28.25): Detail 4, 9 & 11 on sheet A9.28 shows (E) steel beam and calls out concrete encased. Does the beam need concrete encasement? There are no structural details or reference of beam on structural drawings.

<u>RESPONSE:</u> Beam is existing, and needs to encased in Concrete. Architectural Details are provided; sheet A9.2.8 (#4, 9, & 11).

ITEM 28 QUESTION (02.28.25): How many phases will there be for the basement mat slab placement? Building shoring will need to be out of the way to do one or two placements? This question is also in regard to question #2 above.

<u>RESPONSE</u>: This is means and methods, which is the responsibility of the contractor based on their proposed design and their ability to address shoring and underpinning of the existing building's exterior walls and foundation systems.

Therefore, the decision to phase the installation and the number of phases needed is the responsibility of the contractor.

**ITEM 29** QUESTION (02.28.25): Will there be a ramp (supplied by G.C.) into the basement for equipment for excavation and loading out? Has the owner discussed this as an option?

<u>RESPONSE:</u> There is existing stair access directly to the basement via a sidewalk trap door. It is up to the contractor to determine the best means and methods for excavation and loading out the basement. If the contractor does build a ramp, they will be responsible for filling the excavation per the requirements described in Section 31 20 00 Earth Moving along with any recommendations made by Geotechnical Engineer during construction.

ITEM 30 QUESTION (02.28.25): Can the Cast in Place wall(s), pilasters, and beams, be Shotcrete? The specs do not mention shotcrete.

RESPONSE: Bid per plans and specifications.

ITEM 31 QUESTION (02.28.25): Please confirm Shotcrete is an acceptable placement

method.

**RESPONSE**: Bid per plans and specifications

#### **STRUCTURAL SHEETS** – revised structural sheets attached.

ITEM 32 Drawing sheets: S1.3 (attached)

**DESCRIPTION:** Added detail for typical block walls at trash enclosure.

ITEM 33 Drawing sheet: S2.1 (attached)

**DESCRIPTION:** Showed on plan the extent of footing shown in section A/S4.1.

ITEM 34 Drawing sheet: S2.2 (attached)

**DESCRIPTION:** Showed on plan the existing brick wall along grids Ae, 10E, and Re.

ITEM 36 Drawing sheet: S3.6 (attached)

**DESCRIPTION:** Corrected Grid numbering, and brick hatch added.

**ITEM 37** QUESTION (02.28.25): Structural details do not include epoxy dowels at (N) concrete walls attached to (E) brick walls. Will this be required?

RESPONSE: Structural note to address this question has been adde

<u>RESPONSE:</u> Structural note to address this question has been added to attached sheets S4.1, S4.4 & S4.5.

**ITEM 38** QUESTION (02.28.25): Will (E) wall surfaces at new concrete need to be sand blasted, water blasted or roughened?

<u>RESPONSE:</u> Prepare surface to receive blind side waterproofing. Note added to attached Structural sheets S4.1, S4.4, S4.5. also Added notes for dowels to connect new and existing walls and extended footing.

**ITEM 39 Drawing sheet:** S5.4 (attached)

**DESCRIPTION:** Add note for B deck at trash enclosure. Added trash enclosure roof deck to 5/S5.4.

**ITEM 40 Drawing sheet:** S5.6 (attached)

**DESCRIPTION:** Add notes for awning details.

#### **ARCHITECTURAL SHEETS**

#### ITEM 41 **REFLECTED CEILING PLANS**

Drawing sheets: A3.2 & A3.3 – Reflected Ceiling plans 2<sup>ND</sup> and 3<sup>RD</sup> floors (Attached)

Updated sheets to clarify contractor built soffits where demountable walls by furniture vendor will be located.

Attachments: Responsibility Matrix, Section 02 41 19, Water Spigot location sheet, CSI Forms (Substitution Requests) 1.1 through 1.5, Architectural Drawing Sheets: A3.2, & A3.3, Electrical Drawing Sheets: E0.1, E0.2, E2.1.2, E2.1.3, E2.2.2, E2.2.3, E2.3.2, E2.3.3, E2.4.2, E2.4.3, Structural Drawing Sheets S1.3, S2.1, S2.2, S3.6, S4.1, S4.4, S4.5, S5.4, S5.6.

**END OF ADDENDUM #4** 

ARCHITECHNICA

Ву

Tim Dearborn, AIA Architect

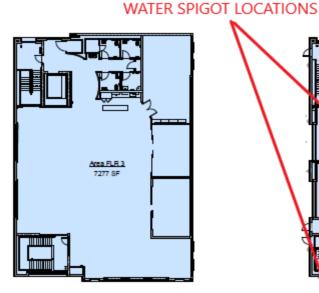
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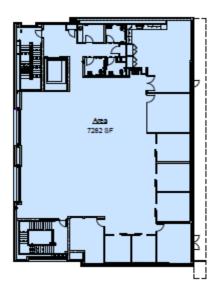
FURNITURE/ ELECTRICAL RESPONSIBILITY						issued	03.11.25	
DESCRIPTION OF WORK	CONTR	ACTOR	DATA/ NETWORK INSTALLER (AMS)		AUDIO/VISUAL INSTALLER (QUEST)		FURNITURE VENDOR	
	SUPPLY	INSTALL	SUPPLY	INSTALL	SUPPLY	INSTALL	SUPPLY	INSTALL
FLOOR BOX & COVERS, & CONDUIT	Х	Х						
WALL BOX (excludes furniture boxes)	х	х						
POWER OUTLETS & PLATES	Х	Х						
DATA OUTLETS AND PLATES			Х	X				
DATA CABLE			Х	X				
ELECTRICAL WIRING	Х	Х						
POWER WHIPS FROM SOURCE TO OUTLET LOCATION (FURNITURE CUBICLES WALLS)		х					х	
DESKS & PARTIAL HEIGHT CUBICLE WALLS							х	х
MC CABLES FROM J BOX TO OUTLET BOX IN DEMOUNTABLE (FURNITURE FULL HEIGHT WALLS)	х	х						
VIDEO PROJECTORS & MOUNTS					Х	Х		
TELEVISIONS & MOUNTS					X	Х		
AUDIO VISUAL WIRING AND OUTLETS					Х	Х		
SERVER RACKS			Х	Х				
	_						_	

#### NOTES:

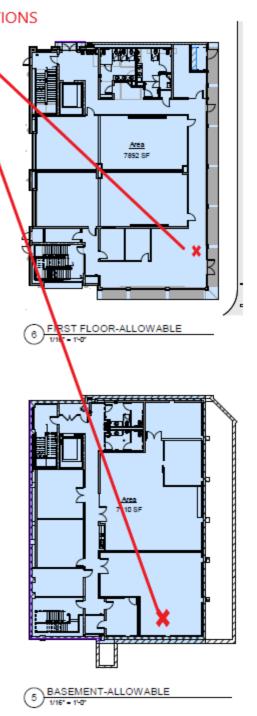
- 1. COORDINATE FURNITURE AND OUTLET PLACEMENT WITH FURNITURE VENDOR.
- 2. DEMOUNTABLE WALLS HAVE BUILT IN BACK BOXES ONLY.
- 3. FURNITURE VENDOR TO PROVIDE POWER WHIPS AHEAD OF FURNITURE DELIVERY FOR ELECTRICAL INSTALLATION
- 4. FURNITURE VENDOR WILL "CLOSE" FURNITURE WALLS AFTER ELECTRICAL CABLING AND OUTLETS ARE INSTALLED.



8 THIRD FLOOR-ALLOWABLE



SECOND FLOOR-ALLOWABLE



#### **SECTION 02 41 19 - SELECTIVE STRUCTURE DEMOLITION**

#### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

#### A. Section Includes:

- 1. Demolition and removal of selected portions of building or structure.
- 2. Demolition and removal of selected site elements.
- 3. Salvage of existing items to be reused or recycled.

#### B. Related Requirements:

- 1. Section 01 10 00 "Summary" for restrictions on the use of the premises, Owner-occupancy requirements, and phasing requirements.
- 2. Section 01 73 29 "Cutting and Patching" for cutting and patching procedures.
- 3. Section 31 10 00 "Site Clearing" for site clearing and removal of above- and below-grade improvements.

#### 1.3 DEFINITIONS

- A. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or removed and reinstalled.
- B. Remove and Salvage: Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner ready for reuse.
- C. Remove and Reinstall: Detach items from existing construction, prepare for reuse, and reinstall where indicated.
- D. Existing to Remain: Existing items of construction that are not to be permanently removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.

#### 1.4 MATERIALS OWNERSHIP

- A. Unless otherwise indicated, demolition waste becomes property of Contractor.
- B. Historic items, relics, antiques, and similar objects including, but not limited to, cornerstones and their contents, commemorative plaques and tablets, and other items of interest or value to Owner that may be uncovered during demolition remain the property of Owner.
  - 1. Carefully salvage in a manner to prevent damage and promptly return to Owner.

#### 1.5 PREDEMOLITION CONFERENCE

A. Predemolition Conference: Conduct conference at Project site.

- 1. Inspect and discuss condition of construction to be selectively demolished.
- 2. Review structural load limitations of existing structure.
- 3. Review and finalize selective demolition schedule and verify availability of materials, demolition personnel, equipment, and facilities needed to make progress and avoid delays.
- 4. Review requirements of work performed by other trades that rely on substrates exposed by selective demolition operations.
- 5. Review areas where existing construction is to remain and requires protection.

#### 1.6 SUBMITTALS

- A. Qualification Data: For refrigerant recovery technician.
- B. Proposed Protection Measures: Submit report, including drawings, that indicates the measures proposed for protecting individuals and property, for environmental protection, for dust control and, for noise control. Indicate proposed locations and construction of barriers.
- C. Schedule of Selective Demolition Activities: Indicate the following:
  - 1. Detailed sequence of selective demolition and removal work, with starting and ending dates for each activity.
  - 2. Interruption of utility services. Indicate how long utility services will be interrupted.
  - 3. Coordination for shutoff, capping, and continuation of utility services.
- D. Inventory: Submit a list of items to be removed and salvaged and deliver to Owner prior to start of demolition.
- E. Predemolition Photographs or Video: Submit before Work begins.
- F. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.
- G. Warranties: Documentation indicated that existing warranties are still in effect after completion of selective demolition.

#### 1.7 CLOSEOUT SUBMITTALS

- A. Inventory: Submit a list of items that have been removed and salvaged.
- B. Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.

#### 1.8 QUALITY ASSURANCE

A. Refrigerant Recovery Technician Qualifications: Certified by an EPA-approved certification program.

#### 1.9 FIELD CONDITIONS

A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.

- B. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.
  - 1. Before selective demolition, Owner will remove the following items:
    - a. Bathtubs.
- C. Notify Architect of discrepancies between existing conditions and Drawings before proceeding with selective demolition.
- D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.
  - 1. Hazardous materials will be removed by Owner before start of the Work.
  - 2. If suspected hazardous materials are encountered, do not disturb; immediately notify Architect and Owner. Hazardous materials will be removed by Owner under a separate contract.
- E. Storage or sale of removed items or materials on-site is not permitted.
- F. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.
  - 1. Maintain fire-protection facilities in service during selective demolition operations.

#### PART 2 - PRODUCTS

#### 2.1 PEFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
- B. Standards: Comply with ANSI/ASSE A10.6 and NFPA 241.

#### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Verify that utilities have been disconnected and capped before starting selective demolition operations.
- B. Review record documents of existing construction provided by Owner. Owner does not guarantee that existing conditions are same as those indicated in record documents.
- C. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- D. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect.
- E. Engage a professional engineer to perform an engineering survey of condition of building to determine whether removing any element might result in structural deficiency or unplanned

collapse of any portion of structure or adjacent structures during selective building demolition operations.

- 1. Perform surveys as the Work progresses to detect hazards resulting from selective demolition activities.
- 2. Steel Tendons: Locate tensioned steel tendons and include recommendations for detensioning.
- F. Survey of Existing Conditions: Record existing conditions by use of preconstruction photographs and/or video.
  - 1. Inventory and record the condition of items to be removed and salvaged. Provide photographs or video of conditions that might be misconstrued as damage caused by salvage operations.

#### 3.2 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

- A. Existing Services/Systems to Remain: Maintain services/systems indicated to remain and protect them against damage.
- B. Existing Services/Systems to Be Removed, Relocated, or Abandoned: Locate, identify, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
  - 1. Owner will arrange to shut off indicated services/systems when requested by Contractor.
  - 2. If services/systems are required to be removed, relocated, or abandoned, provide temporary services/systems that bypass area of selective demolition and that maintain continuity of services/systems to other parts of building.
  - 3. Disconnect, demolish, and remove fire-suppression systems, plumbing, and HVAC systems, equipment, and components indicated to be removed.
    - a. Piping to Be Removed: Remove portion of piping indicated to be removed and cap or plug remaining piping with same or compatible piping material.
    - b. Piping to Be Abandoned in Place: Drain piping and cap or plug piping with same or compatible piping material.
    - c. Equipment to Be Removed: Disconnect and cap services and remove equipment.
    - d. Ducts to Be Removed: Remove portion of ducts indicated to be removed and plug remaining ducts with same or compatible ductwork material.
- C. Refrigerant: Remove refrigerant from mechanical equipment to be selectively demolished according to 40 CFR 82 and regulations of authorities having jurisdiction.

#### 3.3 PREPARATION

- A. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
  - 1. Comply with requirements for access and protection specified in Section 01 50 00 "Temporary Facilities and Controls."
- B. Temporary Facilities: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.

- 1. Provide protection to ensure safe passage of people around selective demolition area and to and from occupied portions of building.
- 2. Provide temporary weather protection, during interval between selective demolition of existing construction on exterior surfaces and new construction, to prevent water leakage and damage to structure and interior areas.
- 3. Protect walls, ceilings, floors, and other existing finish work that are to remain or that are exposed during selective demolition operations.
- 4. Comply with requirements for temporary enclosures, dust control, heating, and cooling specified in Section 01 50 00 " Construction Facilities and Temporary Controls."
- C. Temporary Shoring: Provide and maintain shoring, bracing, and structural supports as required to preserve stability and prevent movement, settlement, or collapse of construction and finishes to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.
  - 1. Strengthen or add new supports when required during progress of selective demolition.

#### 3.4 SELECTIVE DEMOLITION, GENERAL

- A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:
  - 1. Proceed with selective demolition systematically.
  - 2. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
  - 3. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
  - 4. Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain fire watch and portable fire-suppression devices during flame-cutting operations.
  - 5. Maintain adequate ventilation when using cutting torches.
  - 6. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
  - 7. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation.
  - 8. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
  - 9. Dispose of demolished items and materials promptly. Comply with requirements in Section 01 74 19 "Construction Waste Management and Disposal."
- B. Reuse of Building Elements: Do not demolish building elements beyond what is indicated on Drawings without Architect's approval.
- C. Removed and Salvaged Recycled Items:
  - 1. Clean salvaged items.
  - 2. Pack or crate items after removal. Identify contents of containers.
  - 3. Store items in a secure area until delivery to Owner.
  - 4. Transport items to San Joaquin Building Futures Academy at 3100 Monte Diablo Avenue, Stockton, CA 95203.
  - 5. Protect items from damage during transport and storage.

- D. Removed and Reinstalled Items:
  - 1. Clean and repair items to functional condition adequate for intended reuse.
  - 2. Pack or crate items after cleaning and repairing. Identify contents of containers.
  - 3. Protect items from damage during transport and storage.
  - 4. Reinstall items in locations indicated. Comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.
- E. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by Architect, items may be removed to a suitable, protected storage location during selective demolition and cleaned and reinstalled in their original locations after selective demolition operations are complete.

#### 3.5 SELECTIVE DEMOLITION PROCEDURES FOR SPECIFIC MATERIALS

- A. Concrete: Demolish in sections. Cut concrete full depth at junctures with construction to remain and at regular intervals using power-driven saw, then remove concrete between saw cuts.
- B. Masonry: Demolish in small sections. Cut masonry at junctures with construction to remain, using power-driven saw, then remove masonry between saw cuts.
- C. Concrete Slabs-on-Grade: Saw-cut perimeter of area to be demolished, then break up and remove.

#### D. Roofing:

- 1. Remove existing roof membrane, flashings, copings, and roof accessories.
- 2. Remove existing roofing system down to substrate.

#### 3.6 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.
  - 1. Do not allow demolished materials to accumulate on-site.
  - 2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas
  - 3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
  - 4. Comply with requirements specified in Section 01 74 19 "Construction Waste Management and Disposal."
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

#### 3.7 CLEANING

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

#### 3.8 SELECTIVE DEMOLITION SCHEDULE

- A. Existing Items to Be Removed and Salvaged:
  - 1. 300 board feet of existing Dimensional Lumber of various sizes that are at least 96 inches in length.
- B. Existing Items to Be Removed and Reinstalled:
  - 10 percent of the existing brick from the west wall for patching a repairing the existing brick walls to remain. Left over brick shall be delivered to San Joaquin Building Futures Academy.

**END OF SECTION 02 41 19** 

# SUBSTITUTION REQUEST

(During the Bid Period)

Project:	CodeStack Academy	Substitution Request Number: 1 -1
		From: CSI Creative
To:	Architechnica	Date: 02/27/2025
		A/E Project Number: <u>2023-04</u>
Re:	Acoustical PET Felt Baffles	Contract For: San Joaquin County Office of Education
Specifica	ntion Title: LED Interior Lighting - Acoustic Housing	Description: (E1, E16, E6) Focal Point Seem 1 Acoustic
Section/S	Sheet: 26 51 19 Page: 4	Article/Paragraph: Part 2 / 2.3 A
Manufac Trade Na	ame: CSI Creative	et, Eden Prairie, MN 55344 Phone: 213-667-0135 Model No.:  wings, photographs, and performance and test data adequate for evaluation
of the rec	quest; applicable portions of the data are clearly identifited that also includes a description of changes to the Co	ontract Documents that the proposed substitution will require for its proper
<ul><li>Sam</li><li>Prop</li><li>Prop</li><li>Pays</li><li>subs</li></ul>	ne warranty will be furnished for proposed substitution are maintenance service and source of replacement parts posed substitution will have no adverse effect on other to posed substitution does not affect dimensions and funct ment will be made for changes to building design, stitution.  In the stitution of the stitution.	s, as applicable, is available. trades and will not affect or delay progress schedule.
Signed b	. <u> </u>	
Firm:	CSI Creative	
Address:	9901 W 74th St, Eden Prairie MN, 55344	
Telephor	ne: <u>213-667-0135</u>	
	ne: <u>213-667-0135</u> EVIEW AND ACTION	
A/E's RE  X Subst Subst Subst	EVIEW AND ACTION titution approved - Make submittals in accordance with	Specification Section 01 25 00 Substitution Procedures. unce with Specification Section 01 25 00 Substitution Procedures. ials.
A/E's RE  X Subst Subst Subst	EVIEW AND ACTION  citution approved - Make submittals in accordance with citution approved as noted - Make submittals in accorda citution rejected - Use specified materials.  citution Request received too late - Use specified materials.	ance with Specification Section 01 25 00 Substitution Procedures.

# SUBSTITUTION REQUEST

(During the Bid Period)

Project:	CodeStack Academy	Substitution Request Number: 1 -2
		From: CSI Creative
To:	Architechnica	Date: 02/27/2025
		A/E Project Number: 2023-04
Re:	Acoustical PET Felt Baffles	Contract For: San Joaquin County Office of Education
Specifica	ation Title: LED Interior Lighting - Acoustic House	Description: (E5A, E5B) Focal Point Aircore Bridge
Section/S	Sheet: 26 51 19 Page: 4	Article/Paragraph: Part 2 / 2.4 A
Manufact Trade Na	ame: CSI Creative	h Street, Eden Prairie, MN 55344 Phone: 213-667-0135 Model No.:  drawings, photographs, and performance and test data adequate for evaluation
of the rec	quest; applicable portions of the data are clearly id data also includes a description of changes to the	the Contract Documents that the proposed substitution will require for its proper
<ul><li>Sam</li><li>Sam</li><li>Prop</li><li>Prop</li><li>Payr</li><li>subs</li></ul>	ne warranty will be furnished for proposed substitu- ne maintenance service and source of replacement posed substitution will have no adverse effect on o posed substitution does not affect dimensions and ment will be made for changes to building de- stitution.	parts, as applicable, is available. ther trades and will not affect or delay progress schedule.
Submitte		
Signed by	y: Steven Leung  CSI Creative	
Firm: Address:		
Telephon	ne: <u>213-667-0135</u>	
A/E's RE	EVIEW AND ACTION	
Subst		with Specification Section 01 25 00 Substitution Procedures. cordance with Specification Section 01 25 00 Substitution Procedures. naterials.
Signed by	y:	Date: 03.11.2025
Supportin	ng Data Attached: X Drawings X Produ	uct Data Samples Tests Reports

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Page 1

Form Version: June 2004 CSI Form 1.5C

# SUBSTITUTION REQUEST

(During the Bid Period)

Project:	CodeStack Academy	Substitution Request Number: 1 -3
		From: CSI Creative
To:	Architechnica	Date: 02/27/2025
		A/E Project Number: 2023-04
Re:	Acoustical PET Felt Clouds	Contract For: San Joaquin County Office of Education
Specifica	ation Title: LED Interior Lighting - Acoustic Housing	Description: (E8A, E8B) Focal Point Acoustical Trio
Section/S	Sheet: 26 51 19 Page: 5	Article/Paragraph: Part 2 / 2.4 A
Manufac	d Substitution: Soundcore® Profile Framed Clouds Fleturer: CSI Creative Address: 9901 W 74th Street, ame: CSI Creative	
Attached of the red	data includes product description, specifications, drawing quest; applicable portions of the data are clearly identified	ags, photographs, and performance and test data adequate for evaluation .
Attached installati	d data also includes a description of changes to the Contron.	ract Documents that the proposed substitution will require for its proper
<ul><li>Proj</li><li>Proj</li><li>Pay</li><li>subs</li></ul>	ne maintenance service and source of replacement parts, a posed substitution will have no adverse effect on other trapposed substitution does not affect dimensions and function ment will be made for changes to building design, in stitution.  Ed by: Steven Leung	des and will not affect or delay progress schedule.
Signed b		
Firm:	CSI Creative	
Address:	9901 W 74th St, Eden Prairie MN, 55344	
Telephor	ne: <u>213-667-0135</u>	
A/E's RI	EVIEW AND ACTION	
Subst	titution approved - Make submittals in accordance with Sp titution approved as noted - Make submittals in accordanc titution rejected - Use specified materials. titution Request received too late - Use specified materials	e with Specification Section 01 25 00 Substitution Procedures.
Signed b	ny:	Date: 03.11.2025
Supporti	ng Data Attached: 🛛 Drawings 🔲 Product Data	Samples Tests Reports

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Page 1

Form Version: June 2004 CSI Form 1.5C

# SUBSTITUTION REQUEST

(During the Bid Period)

Project:	CodeStack Academy	Substitution Request Number: 1 -4
		From: CSI Creative
To:	Architechnica	Date: 02/27/2025
		A/E Project Number: 2023-04
Re:	Acoustical PET Felt Baffles	Contract For: San Joaquin County Office of Education
Specifica	ation Title: LED Interior Lighting - Acoustic Ho	using Descript <mark>ion: Focal Point AirCore Blade</mark>
Section/S	Sheet: 26 51 19 Page: 6	Article/Paragraph: Part 2 / 2.7 A
Manufac Trade Na	ame: CSI Creative	4th Street, Eden Prairie, MN 55344 Phone: 213-667-0135 Model No.:
of the rec	quest; applicable portions of the data are clearly in the data also includes a description of changes to the data also includes a description of changes to the data also includes a description of changes to the data are clearly in the data are cl	s, drawings, photographs, and performance and test data adequate for evaluation dentified.  the Contract Documents that the proposed substitution will require for its proper
<ul><li>San</li><li>Proj</li><li>Proj</li><li>Pay</li><li>substitution</li></ul>	posed substitution does not affect dimensions and	at parts, as applicable, is available. other trades and will not affect or delay progress schedule.
Signed b	·	
Firm:	CSI Creative	
Address:	9901 W 74th St, Eden Prairie MN, 55344	
Telephor	ne: <u>213-667-0135</u>	
A/E's RI	EVIEW AND ACTION	
		e with Specification Section 01 25 00 Substitution Procedures.
Subst		ccordance with Specification Section 01 25 00 Substitution Procedures.
Subst	titution approved as noted - Make submittals in a titution rejected - Use specified materials. titution Request received too late - Use specified	ccordance with Specification Section 01 25 00 Substitution Procedures.

# SUBSTITUTION REQUEST

(During the Bid Period)

Project:	CodeStack Academy	Substitution Request Number: 1 -5
		From: CSI Creative
To:	Architechnica	Date: 02/27/2025
		A/E Project Number: 2023-04
Re:	Acoustical PET Felt Baffles	Contract For: San Joaquin County Office of Education
Specificat	tion Title: LED Interior Lighting - Acoustic Housing	Descriptio <mark>n: <u>Focal Point TruBlade</u></mark>
Section/Sl	heet: 26 51 19 Page: 6	Article/Paragraph: Part 2 / 2.9 A
Manufact Trade Na	me: CSI Creative	Phone: 213-667-0135  Model No.:  //ings, photographs, and performance and test data adequate for evaluation
of the req	quest; applicable portions of the data are clearly identified data also includes a description of changes to the Con-	ntract Documents that the proposed substitution will require for its prope
<ul><li>Sam</li><li>Sam</li><li>Prop</li><li>Prop</li><li>Payr</li><li>subs</li></ul>	e warranty will be furnished for proposed substitution as e maintenance service and source of replacement parts, a cosed substitution will have no adverse effect on other tra- posed substitution does not affect dimensions and function ment will be made for changes to building design, it titution.	as applicable, is available. rades and will not affect or delay progress schedule.
Submitted	·	
Signed by	y: <u>Staven Leung</u> CSI Creative	
Firm: Address:	9901 W 74th St, Eden Prairie MN, 55344	
Telephon	e: <u>213-667-0135</u>	
A/E's RE	EVIEW AND ACTION	
Substi	itution approved - Make submittals in accordance with S itution approved as noted - Make submittals in accordantitution rejected - Use specified materials. itution Request received too late - Use specified material	nce with Specification Section 01 25 00 Substitution Procedures.
Signed by	y:	Date: 03.11.2025
Supportin	ng Data Attached: 🛛 Drawings 🔀 Product Dat	ata Samples Tests Reports

TYPE DETECTOR RESPECTIVELY. THE DEFAULT TYPE IS "FIXED TEMPERATURE"

FIRE ALARM AUDIBLE DEVICE, +90" AFF UNLESS OTHERWISE NOTED. DEFAULT DEVICE IS A

INDICATED BY NO LETTER.

FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED.

THE DEFAULT TYPE IS "PHOTOELECTRIC".

AL	SYMBOL	LIST
	YY	FIRE ALARM AUDIO / VISUAL DEVICE, +80" AFF DEFAULT AUDIO DEVICE IS A SPEAKER. "YY" INDICATES STROBE CANDELA RATING.
	YY	FIRE ALARM AUDIO / VISUAL DEVICE, CEILING MOUNTED. DEFAULT AUDIO DEVICE IS A SPEAKER. "YY" INDICATES STROBE CANDELA RATING.
	YY X	VISUAL FIRE ALARM DEVICE +80" AFF - WALL MOUNTED (LAMP, SIGNAL LIGHT, INDICATOR LAMP, STROBE), "YY" = CANDELA RATING
	YY	VISUAL FIRE ALARM DEVICE - CEILING MOUNTED (LAMP, SIGNAL LIGHT, INDICATOR LAMP, STROBE), "YY" = CANDELA RATING
	F/S	FIRE/SMOKE DAMPER PROVIDED BY OTHER DIVISION, CONNECTION BY ELECTRICAL. SEE MECHANICAL PLANS
	MM	FIRE ALARM MONITOR MODULE
	EOL ~~	END OF LINE RESISTOR
	FACP	MASTER FIRE ALARM CONTROL PANEL
	ANN	FIRE ALARM REMOTE ANNUNCIATOR PANEL - FLUSH MOUNTED
		BACKBOX FOR SPEAKER - WALL MOUNTED +72" AFF PROVIDE 1/2" CONDUIT STUB. SEE NOTE 4.
	K	SECURITY SYSTEM KEYPAD AND OUTLET BOX +45" AFF UNLESS NOTED. PROVIDE 3/4" CONDUIT STUB. SEE NOTE 4.
	•	SECURITY SYSTEM DOOR OR WINDOW CONTACT. PROVIDE 1/2" CONDUIT STUB. SEE NOTE 4.
	•	SECURITY SYSTEM MOTION SENSOR
		LOCATION OF SECURITY CCTV CAMERA PROVIDED BY OTHERS. ELECTRICAL TO PROVIDE 4" SQ FLUSH MOUNTED BOX & CONDUIT PER PLAN.
	AP	LOCATION OF WIRELESS ACCESS POINT. ELECTRICAL TO PROVIDE 4" SQ. BOX & CONDUIT PER PLAN. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH IN.
		CONDUIT RUN CONCEALED IN CEILINGS OR WALLS. NUMBER OF HASH MARKS DENOTES QUANTITY OF WIRES. CURVED HASH MARK DENOTES QUANTITY OF #12 GREEN GROUND WIRES. CONDUCTORS OTHER THAN #12 ARE INDICATED ON PLANS. NO HASH MARKS DENOTES 2 #12 AWG AND 1 #12 GREEN GROUND IN 3/4" CONDUIT. TYPICAL FOR ALL CONDUITS.
		CONDUIT RUN UNDERFLOOR OR UNDERGROUND MINIMUM 1" DIAMETER.
		CONDUIT HOMERUN TO PANELBOARD, SWITCHBOARD OR TERMINAL CABINET
		CONDUIT WITH CAP
		CONDUIT STUB WITH INSULATED BUSHING
		PANELBOARD - SURFACE MOUNTED
		PANELBOARD - FLUSH MOUNTED
		TERMINAL CABINET
		SWITCHBOARD, DISTRIBUTION PANEL, OR MOTOR CONTROL CENTER
	4	EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, FUSED WITH FUSE SIZE TO MATCH EQUIPMENT NAMEPLATE.
	4	EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, NON-FUSIBLE
		EQUIPMENT CONTROLLER
	EQ 1	MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
		DRAWING SHEET NUMBERED NOTE DESIGNATION - APPLIES TO NUMBERED NOTE ON SAME SHEET

DRAWING PLAN OR DETAIL DESIGNATION - "1" OR "A" DENOTES PLAN OR DETAIL

2. MINIMUM CONDUCTOR SIZE FOR 120V BRANCH CIRCUITS SHALL BE #12 AWG. AT A MINIMUM ALL

SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES PER CBC,

4. VERIFY ON SITE THAT ALL PANELBOARDS HAVE MINIMUM WORKING SPACES PER CODE AND THAT

TO THE PANEL BOARDS. NOTIFY THE ENGINEER FOR CORRECTIVE ACTION IN THE EVENT THAT

WHERE CONDUIT STUB IS INDICATED, PROVIDE CONDUIT WITH BUSHING AT THE END OF CONDUIT

 $/\!\!/2$ 

BRANCH CIRCUITS SHALL CONTAIN 3/4"C, 2#12 AWG AND 1#12 GND UNLESS OTHERWISE INDICATED.

ELECTRICAL OUTLET BOXES MOUNTED ON OPPOSITE SIDES OF FIRE-RATED WALLS OR PARTITIONS

THE DEDICATED PANELBOARD SPACES ARE CLEAR OF ALL DUCTS, PIPING AND EQUIPMENT FOREIGN

ELECTRICAL PULL BOX. "PB#" INDICATES SIZE CORRESPONDING TO PULL BOX SCHEDULE.

NUMBER, "E-1" DENOTES SHEET NUMBER

1. "ABC-#" INDICATES PANEL AND CIRCUIT NUMBER.

WHETHER SHOWN ON THE PLANS OR NOT.

AND PULL ROPE INTO ACCESSIBLE CEILING AREA.

FOREIGN OBJECTS IMPEDE THE DEDICATED PANELBOARD AREAS.

ELECTRICAL TRANSFORMER. RATING PER SPECIFICATIONS.

E-1

PB#

**SYMBOL LIST NOTES:** 

EL	EC	TRICAL SHEET INDEX	ELECTRICAL SHEET INDEX		
SHEET DRAV	WING O.	DRAWING DESCRIPTIONS	SHEET NO.	DRAWING NO.	DRAWING DESCRIPTIONS
1 E0	0.1	ELECTRICAL SHEET INDEX AND SYMBOL LIST	24	E2.6.2	SECOND AND THIRD FLOOR PLANS -
2 E0		NOTES, LUMINAIRE SCHEDULE, LIGHTING CONTROL DIAGRAMS, AND ABBREVIATIONS	25	E2.6.3	EMERGENCY AND EXIT LIGHTING BASEMENT FLOOR PLAN - EMERGENCY AND EXIT
3 E1	1.1	SITE PLAN - ELECTRICAL			LIGHTING PHOTOMETRICS
4 E1	1.2	SITE PLAN - PHOTOMETRICS	26	E2.6.4	FIRST FLOOR PLAN - EMERGENCY AND EXIT
5 E1	1.3	SITE PLAN - PG&E CONNECTION		<b>5005</b>	LIGHTING PHOTOMETRICS
		BASEMENT PLAN - LIGHTING	27	E2.6.5	SECOND FLOOR PLAN - EMERGENCY AND EXIT LIGHTING PHOTOMETRICS
		BASEMENT PLAN - POWER	28	E2.6.6	THIRD FLOOR PLAN - EMERGENCY AND EXIT
	_	BASEMENT PLAN - SIGNAL		L2.0.0	LIGHTING PHOTOMETRICS
<u> </u>		BASEMENT PLAN - FIRE ALARM	29	E3.1	ELECTRICAL ONE-LINE POWER DIAGRAM
		FIRST FLOOR PLAN - LIGHTING	30	E3.2	ELECTRICAL PANEL SCHEDULES
		FIRST FLOOR PLAN - POWER	31	E3.3	ELECTRICAL PANEL SCHEDULES
	_	FIRST FLOOR PLAN - SIGNAL	31	E3.4	LOW VOLTAGE RISER DIAGRAM
		FIRST FLOOR PLAN - FIRE ALARM	-32	E4.1	FIRE ALARM DEFERRED APPROVAL, NOT INCLUDED IN THIS SET.
		SECOND FLOOR PLAN - LIGHTING	33	E4.2	FIRE ALARM RISER DIAGRAM
	_	SECOND FLOOR PLAN - POWER	34	E5.1	ELECTRICAL DETAILS
		SECOND FLOOR PLAN - SIGNAL	35	E5.2	ELECTRICAL DETAILS
		SECOND FLOOR PLAN - FIRE ALARM	36	E5.3	ELECTRICAL DETAILS
		THIRD FLOOR PLAN - LIGHTING	37	E6.1	CLASSROOM A/V SYSTEM
-		THIRD FLOOR PLAN - POWER	38	E7.1	TITLE 24 FORMS
20 E2.	.4.3	THIRD FLOOR PLAN - SIGNAL	39	E7.2	TITLE 24 FORMS
		THIRD FLOOR PLAN - FIRE ALARM	40	E7.3	TITLE 24 FORMS
	_	ROOF PLAN - POWER	41	E7.4	TITLE 24 FORMS
23 E2.	_	BASEMENT AND FIRST FLOOR PLANS -	42	E7.5	TITLE 24 FORMS
		EMERGENCY AND EXIT LIGHTING	43	E7.6	TITLE 24 FORMS

	ABBREVIATIONS		
A	AMPERES	LT	LIGHT
AC	ALTERNATING CURRENT	LV	LOW VOLTAGE
AFF	ABOVE FINISHED FLOOR	MAX.	MAXIMUM
A.I.C.	AMPERE INTERRUPTING CAPACITY	MDF	MAIN DISTRIBUTION FRAME
AMP	AMPERE	MFR.	MANUFACTURER
AWG	AMERICAN WIRE GAUGE	MIN.	MINIMUM
BKR	BREAKER	MTD.	MOUNTED
C.	CONDUIT	N	NEUTRAL
C.B.	CIRCUIT BREAKER	(N)	NEW
CD	CANDELA	NÉMA	NATIONAL ELECTRICAL
CKT	CIRCUIT		MANUFACTURERS ASSOCIATION
C.O.	CONDUIT ONLY, WITH PULL WIRE	N.I.C.	NOT IN CONTRACT
C.T.	CURRENT TRANSFORMER	NL	NIGHT LIGHT
DC	DIRECT CURRENT	NM	NON-METALLIC CABLE
(E)	EXISTING	PFB	PROVISIONS FOR FUTURE CIRCU
ÈĹ	EVENING LIGHT		BREAKER
EM	EMERGENCY	PH	PHASE
(ER)	EXISTING RELOCATED	(R)	REMOVE
EMT	ELECTRICAL METALLIC CONDUIT	(RE)	RELOCATE EXISTING
(F)	FUTURE	RCPT	RECEPTACLE
FACP	FIRE ALARM CONTROL PANEL	S.M.S	SHEET METAL SCREW
FAPS	FIRE ALARM POWER SUPPLY	SWBD	SWITCHBOARD
FATC	FIRE ALARM TERMINAL CABINET	SYS	SYSTEM
GA.	GAUGE	TV	TELEVISION
GND	GROUND	TYP.	TYPICAL
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UG	UNDERGROUND
HP	HORSEPOWER	UL	UNDERWRITERS LABORATORY
HVAC	HEATING, VENTILATING AND AIR	UNO	UNLESS NOTED OTHERWISE
	CONDITIONING	V	VOLT
HZ.	HERTZ (CYCLES/SEC)	VA	VOLT-AMPERES
Isc	SHORT CIRCUIT AMPERES	W	WIRE, WATT
ISO	ISOLATED	WP	WEATHERPROOF
K	THOUSAND	WR	WEATHER RESISTANT AND
KV	KILO VOLT		WEATHERPROOF
KVA	KILO VOLT AMPERE	XFMR	TRANSFORMER
KW	KILO WATT	Y	WYE
KWH	KILO WATT HOUR		

# KILO WATT HOUR APPLICABLE CODES AND REGULATIONS

2022	CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)).
2022	CALIFORNIA BUILDING CODE (CBC) - PART 2, TITLE 24, CCR, BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC).
2022	CALIFORNIA ELECTRICAL CODE (CEC) - PART 3, TITLE 24, CCR, BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC).
2022	CALIFORNIA MECHANICAL CODE (CMC) - PART 4, TITLE 24, CCR, BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC).
2022	CALIFORNIA PLUMBING CODE (CPC) - PART 5, TITLE 24, CCR, BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC).
2022	CALIFORNIA FIRE CODE (CFC) - PART 9, TITLE 24, CCR, BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC).
2022	CALIFORNIA GREEN BUILDING STANDARDS CODE - PART 11, TITLE 24
2021	N.F.P.A. 101 LIFE SAFETY CODE
2022	N.F.P.A. 72 FIRE ALARM CODE
2022	EDITION TITLE 19, CALIFORNIA CODE OF REGULATIONS, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
	TITLE 8, CALIFORNIA CODE OF REGULATIONS, INDUSTRIAL STANDARDS.

TITLE 22, CALIFORNIA CODE OF REGULATIONS, SOCIAL SECURITY DIVISIONS 5, 7.

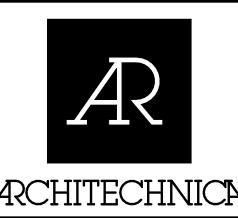
OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).

FACTORY MUTUAL SYSTEM (FM) REQUIREMENTS.

ALL APPLICABLE STATE AND LOCAL CODES AND REGULATIONS



Electrical Engineers | Lighting Designers 100 Howe Ave., Suite 235N Sacramento, CA 95825-8217 www.mneilsengineering.com Tel: (916) 923-4400 PROJECT #: 23046.21



555 West Benjamin Holt Drive, Suite 423 Stockton, California 95207 **P**: (209) 952-5850 **F**: (209) 952-2442 E: hello@architechnica.net

www.architechnica.net

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CODESTACK **ACADEMY** 

201 N CALIFORNIA ST, STOCKTON, CA 95202

SAN JOAQUIN COUNTY OFFICE OF EDUCATION

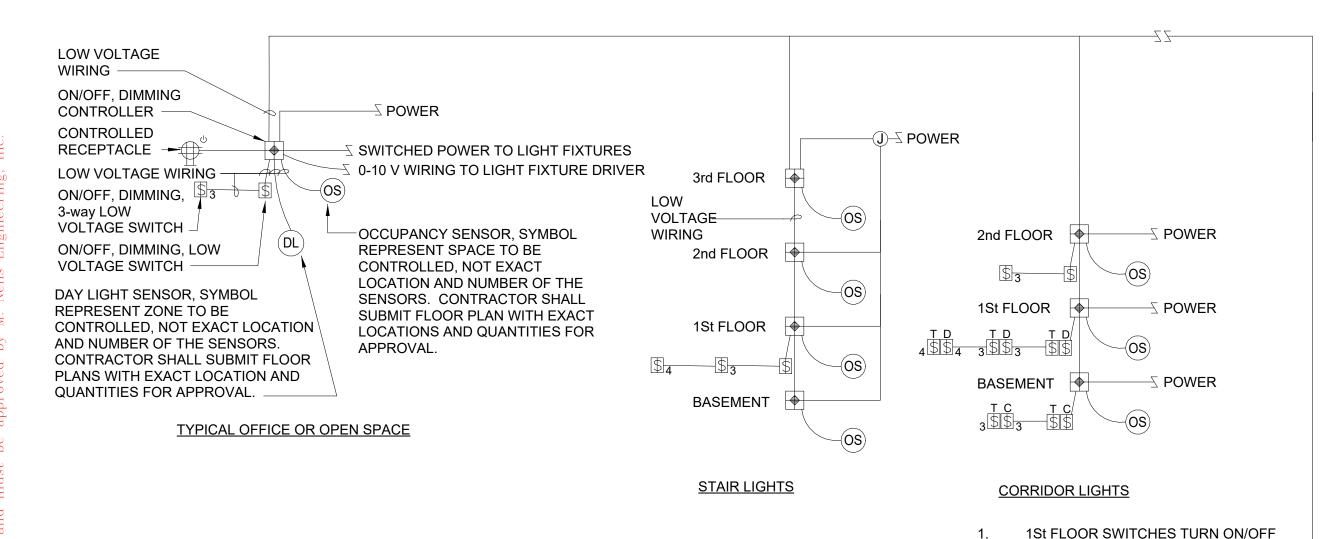
REVISIONS

2 MOD. FURN. CHANGES PROJECT NO: 23046.21

1 PG&E CONNECTION

ISSUE SET: CD Drawings ISSUE DATE: 01-22-2025 DRAWN BY: BR

**ELECTRICAL SHEET** INDEX AND SYMBOL



EXTERIOR LIGHTING CONTROLLER, PROVIDE W/ MINIMUM ASTRONOMICAL TIME CLOCK (365 DAY SCHEDULE, LEAP YEAR, 72 HOUR POWER BACKUP, (5) DIFFERENT SCENARIOS PROGRAMING, (8) SEPARATE GROUPS SWITCHING),

**EXTERIOR LIGHTING** \_\_\_\_ SPARE SPARE (A)(B)(C)(D)(E)(F)

PHOTOCELL. INSTALL PHOTOCELL ON ROOF ORIENTED NORTH. LIGHTING SYSTEM CONTROLLER CONNECTION TO BUILDING LAN \_\_\_

CAT 6A TO MDF

CORRIDOR LIGHTS ON ALL FLOORS.

SWITCHING/DIMMING FOR "T" & "C"

FIXTURES IN BASEMENT, AND "T" & "D"

PROVIDE SEPARATE

FIXTURES AT FIRST FLOOR.

- (A) PARKING LOT POLE LIGHTS.
- (B) BUILDING EXTERIOR WALL SCONCES.
- (C) BUILDING EXTERIOR WALL WASH FIXTURES ON AWNING.
- (D) BUILDING EXTERIOR MURAL WALL WASH FIXTURES.
- (E)BUILDING SIGN AT EAST WALL.
- (F) BUILDING SIGN AT WEST WALL.
  - PROVIDE SEPARATE SWITCH FOR EACH STAIRS AND CORRIDOR LIGHTING ON EACH FLOOR.
- 2. CORRIDOR AND STAIR LIGHTS SHALL BE ON DURING PROGRAMMED OCCUPIED HOURS. LIGHTS SHALL DIM DOWN TO 40% WHEN NO MOVEMENT IS SENSED BY OCCUPANCY SENSOR, AND SHALL COME UP TO 100% WHEN MOVEMENT IS SENSED.
- 3. SWITCHES AND OCCUPANCY SENSOR FOR STAIRS AND CORRIDORS SHALL OVERRIDE PROGRAMING; TURN ON
- LIGHTS DURING PROGRAMMED OFF TIME. LIGHTS SHALL SWITCH OFF AFTER 1 HOUR. 4. OBTAIN SCHEDULE FOR LIGHTS (INTERIOR AND EXTERIOR) FROM OWNER AND PROGRAM ACCORDINGLY.

# LIGHTING CONTROL SHALL HAVE FOLLOWING:

- 1. LIGHTING CONTROLS MUST REDUCE LIGHTING POWER BY AT LEAST 15% BELOW THE TOTAL INSTALLED LIGHTING POWER
- 2. CONTROLS MUST BE ABLE TO RECEIVE SIGNAL FROM BUILDING'S ELECTRIC UTILITY. SIGNAL CAN BE SENT USING WIRED OR WIRELESS PROTOCOL. 3. CONTROLS MUST BE CERTIFIED BY MANUFACTURER TO RESPOND TO SIGNALS FROM OPENADR 2.0B VIRTUAL END NODE (VEN).
- 4. CONTROLS MUST BE ABLE TO COMMUNICATE WITH VEN USING WIRED OR WIRELESS BI-DIRECTIONAL COMMUNICATION PATHWAY.

# E0.2 / N.T.S.

# LIGHTING CONTROL DIAGRAM

#### EXPOSED CONDUITS SHALL BE PAINTED TO MATCH SURFACE TO WHICH THEY ARE ATTACHED. HARD WIRED FURNITURE - ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECT EXACT LOCATIONS OF CONNECTION FOR HARD WIRED FURNITURE BEFORE LOCATING FLOOR OR WALL BOXES. FURNITURE MANUFACTURER SHALL FURNISH POWER WHIPS FOR POWER CONNECTION TO FURNITURE. ELECTRICAL CONTRACTOR SHALL CONNECT THESE POWER WHIPS TO FLOOR/WALL INSTALLED J-BOX. ELECTRICAL CONTRACTOR SHALL PROVIDE ADEQUATE PLATES FOR J-BOXES TO MATE WITH WHIPS. WHIP CONNECTION TO FURNITURE PANEL SHALL BE BY FURNITURE MANUFACUTER. FOR DATA CONNECTION ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT FROM RESPECTIVE MDF/IDF TO SEPARATE J-BOX LOCATED ADJACENT TO POWER J-BOX. DATA CABLES SHALL BE PROVIDED BY THE OWNERS DATA INSTALLER. DATA DROP SHALL BE CONTINOURS RUN FROM MDF/IDF, THROUGH CONDUITS/J-BOX INSTALLED BY ELECTRICAL CONTRACTOR, THEN THROUGH DATA CHANNEL IN FURNITURE AND SHALL BE TERMINATED AT OWNERS DATA CONTRACTOR PROVIDED JACK/PLATE IN BOX PROVIDED BY FURNITURE MANUFACTURER.

**GENERAL NOTES** 

DEMOUNTABLE WALLS - ELECTRICAL CONTRACTOR SHALL PROVIDE POWER CONDUIT AND J-BOX ON VERTICAL SIDE OF SOFFIT AT OFFICE SIDE. FROM THAT BOX ELECTRICAL CONTRACTOR SHALL RUN MC CABLE IN OPEN SECTION OF WALL TO POWER BACKBOX INSTALLED BY WALL MANUFACTURER. ELECTRICAL CONTRACTOR SHALL PROVIDE RECEPTACLE IN THAT BACKBOX AND CONNECT MC CABLE. FOR DATA CONNECTION ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT FROM RESPECTIVE MDF/IDF AND J-BOX ON VERTICAL SIDE OF SOFFIT AT OFFICE SIDE. FROM THAT BOX ELECTRICAL CONTRACTOR SHALL RUN 3/4" METAL FLEX CONDUIT IN OPEN SECTION OF WALL TO BACKBOX INSTALLED BY WALL MANUFACTURER. DATA CABLES SHALL BE PROVIDED BY THE OWNERS DATA INSTALLER. DATA DROP SHALL BE CONTINOURS RUN FROM MDF/IDF, TRHOUGH CONDUITS/J-BOX/FLEX METAL CONDUIT INSTALLED BY ELECTRICAL CONTRACTOR TO BACKBOX PROVIDED BY WALL MANUFACTURER. OWNERS DATA INSTALLER SHALL PROVIDE DATA JACKS/PLATE AND TERMINATE DATA CABLES AT THESE JACKS.

#### LUMINAIRE SCHEDULE LIGHT SOURCE (LED, WATTS, LUMENS, MOUNTING NOTE No. **MANUFACTURER VOLTAGE** COLOR TEMPERATURE, DESCRIPTION CATALOG NO. WILLIAMS LED, 31W, 3677L, SURFACE STORAGE/WORK ROOMS | 3500K MOUNTED AVX-4-L36-90-35-CPC **FOCAL POINT** LED, 27W, 3000L, WALL B12 FSM1BW-ASAS-375-375- WALL MOUNTED 3500K MOUNTED 935K-1C-UNV-L11-WM-12 FOCAL POINT LED, 27W, 3000L, WALL B8 FSM1BW-ASAS-375-375- WALL MOUNTED 3500K MOUNTED 935K-1C-UNV-L11-WM-8 FOCAL POINT LED, 27W, 3000L, WALL B4 FSM1BW-ASAS-375-375- WALL MOUNTED MOUNTED 3500K 935K-1C-UNV-L11-WM-4 SONNEMAN LIGHTING 120V LED, 36W, 3300L, PENDANT |(9)(4)|TRI-STAR, 55" DIAMETER, OLA LED PENDANT 3000K MOUNTED 6' CORD/CABLE, ALUMINUM SHADE W/ OPTICAL ACRILIC, SATIN BLACK COLOR MODULAR LIGHTING INST. UNV LED, 40W, 3000L, PENDANT PISTA TRACK UP/DOWN. TRACK LIGHT 3500K MOUNTED TRACK 48V PROFILE SURFACE, SEE ARCHITECTURAL FOR MOUNTING OPTION, (4) DEDARAD TRACK 48V **ADJUSTABLE 42 1X SPOT** LIGHT PER 8' TRACK LENGTH **FOCAL POINT** PENDANT LED, 9.75W/FT, 1 4 ASM1BS-BWBW-500-500- OPEN SPACE LINEAR MOUNTED 112.5L/FT,3500K 935K-1C-UNV-L11-WM TMS LIGHTING LED, 28W, 3500K AM200OW-I-16-28LED-MOUNTED WALL SCONCE 35K-277 **FOCAL POINT** PENDANT 14 LED, 15W/FT, AMR-44-BW-12-375LF-935K OPEN SPACE LINEAR MOUNTED 103L/FT,3500K -1C-UNV-L11 MODULAR POINT ADJUSTABLE MINUD-SR-A-1.8,-1X-35-M ROUND ADJUSTABLE LED, 8.5W WALLWASH 262L,3500K FOCAL POINT PENDANT LED, 57.2W, 1 4 ASM1TBP-4-BWRL-3000DN OPEN SPACE ARCH MOUNTED 6750,3500K -37<u>50UP-935K-1C-UNV-L11</u> FOCAL POINT PENDANT 14 LED, 31.7W, ASM1TBP-6-BWRL-3600DN OPEN SPACE ARCH MOUNTED 5100,3500K -4500UP-935K-1C-UNV-L11 SONNEMAN 1 4 LED, 35W, OPEN SPACE RING MOUNTED CORONA RING, 31.5"Ø 1760,3500K **FOCAL POINT** FLUSH LED, 17.3W, FLCS2-RT-1300L-935K-ROUND DOWNLIGHT DOWNLIGHT 1100,3500K WFL2-UNV-L11-T-JA8 FOCAL POINT LED, 24W, DZL3-DSC-2000L-935K-ROUND DOWNLIGHT DOWNLIGHT 2057,3500K 1C-UNV-L11-DSS-SWFL **FLUXWERX** PENDANT LED, 18W, 35%UP/65%DN, 27W/4FT, OPEN SPACE ARCH MOUNTED 2400,3500K 12 STRAIGHT SIDES, FLAT SHAPE ENDL **BOBRICK** LED, 5W, LED MIRROR MOUNTED ORACLE LIGHTING PENDANT LED, 4.5W/FT, OLS-DI-VERSE-SOFT-REC-6IN- OFFICE LIGHT MOUNTED 500L/FT,3500K D500L-U500L-DIM10-277-35K FOCAL POINT PENDANT LED, 15W/LF, AUBG-SM1-TRS-8"-8-12"- PENDANT CLSRM MOUNTED 250L/LF,3500K 16'-FSM1S-FL-375LF-35K-1C-UNV-L11-ABG-16' FOCAL POINT PENDANT LED, 7.5W/LF, AUBG-SM1-CT-8"-8-12"-16'- PENDANT CLSRM MOUNTED 125L/LF,3500K R | AUBG-SM1-G1-0 -0-12 -10-FSM1S-FL-375LF-35K-1C-UNV-L11-ABG-16' DAY-BRITE SURFACE LED, 7.3W, 594L LINCS100E-L28-935-UNV- UNDER CABINET UNDER 3500K CABINET FOCAL POINT PENDANT 1 10 LED, 24W, FLCY3-RD-2000L-935K-UNV-SC- PENDANT CYLINDER MOUNTED 2057L,3500K L11-DNTS-WFL-CD COBRA-CF1-15-35K-90-15X50E COVE LIGHT TMS LIGHTING - LUNA QUDO 277V (1) 7ID-H-35K-S-MMCD-BC- PENDANT STAIR LIGHT FINELITE LED, 18.6W, 1852L, SURFACE HP-4-SM-D-2'-V-835-F-96LG EMERGENCY LIGHT MOUNTED 3500K -277-SC **WILLIAMS** UNIVERSAL LED, 3.8W X EXIT-G-EM-WHT-SDT-D EXIT LIGHT MOUNT **XTRALIGHT** LED, 5W $|\mathsf{WALL}| \mathsf{MOUNT}| (1)$ EME<sub>EMX00xx</sub> **EMERGENCY EXTERIOR** P26-196L-1675-NW-G2-LED, 75W, 7512L, PARKING LOT MOUNTED 4000K°, 80CRI AR-3-UNV-CM50-IMR13 GARDCO AB P26-196L-1675-NW-G2-LED, 150W, 15042L, POLE PARKING LOT MOUNTED 4000K°, 80CRI PTF-P26/34-2-180-F-3-UNV-CM50-IMR13 <u>VISA LIGHTING</u> EXTERIOR LED, 32W, 2500L, WALL OW1464-L40H-MVOLT EXTERIOR WALL PACK 4000K°, 80CRI MOUNTED EXTERIOR AE | S-151-R02M-HGC1-M-0D-LED, 27W, 3037L, AWNING EXTERIOR WALL WASH 4000K°, 80CRI 0-840-00 MOUNTED EXTERIOR AF S-151-R06M-HGC1-M-0D-LED, 80W, 9110L,

EXTERIOR WALL MURAL

WASH

0-840-00

WALL

MOUNTED

4000K°, 80CRI

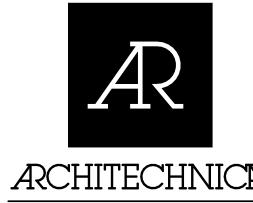
### LUMINAIRE SCHEDULE

## **LUMINAIRE SCHEDULE REMARK NOTES:**

- ARCHITECT TO CHOSE COLOR/FINISH.
- 2 SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING.
- (3) COLOR OF LUMINAIRE SHALL MATCH COLOR OF CEILING TO WHICH IS LUMINAIRE INSTALLED.
- (4) SEE DRAWING FOR FIXTURE LENGTH/CONFIGURATION.
- 5) PROVIDE 80W POWER SUPPLY PER MAX. 8' LONG LIGHT
- (6) SEE DRAWINGS FOR EXACT SHAPE AND LENGTH.
- 7) PROVIDE 4" $\emptyset$ , 20' HIGH POLE. COLOR TO MATCH LIGHT FIXTURE.
- 8) PROVIDE REMOTE DRIVER AND LOCATE AS DIRECTED IN FIELD
- (9) THIS FIXTURE IS CONNECTED TO 120V.
- $^{10)}$  PROVIDE WITH FIXED STEM SEE ARCHITECTURAL FOR STEM LENGTH.

#### **INTERIOR LUMINAIRE SCHEDULE REMARK NOTES:** 1. ALL INTERIOR LIGHTS TO BE MIN. 90CRI.

2. EXACT LOCATION AND HEIGHTS SHALL BE COORDINATED WITH ARCHITECT BEFORE ROUGH IN. 3. SEE PLAN FOR QUANTITY AND ADDITIONAL REQUIREMENTS.



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1	PG&E CONNECTION	2/5/2025
2	MOD. FURN. CHANGES	2/18/2025

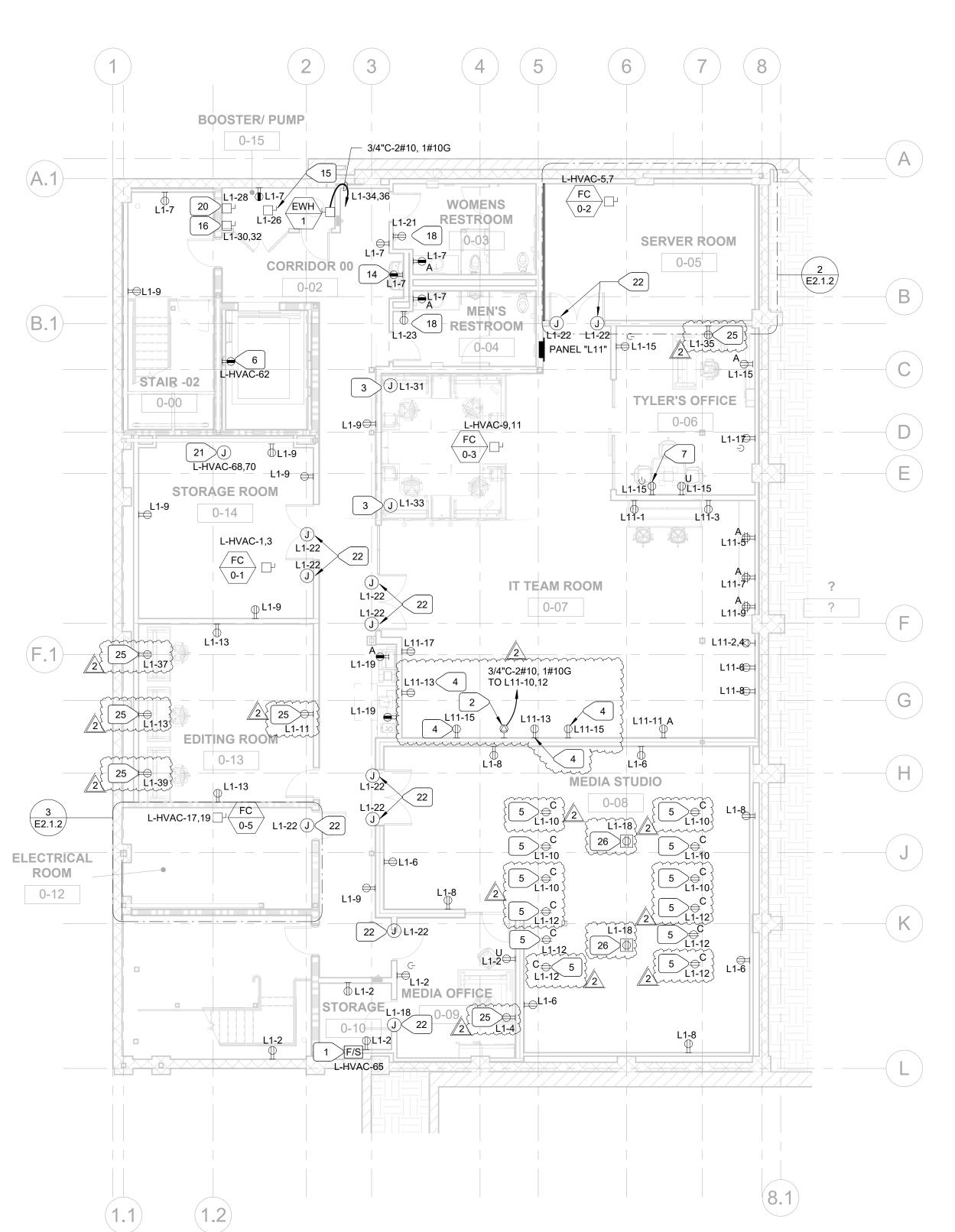
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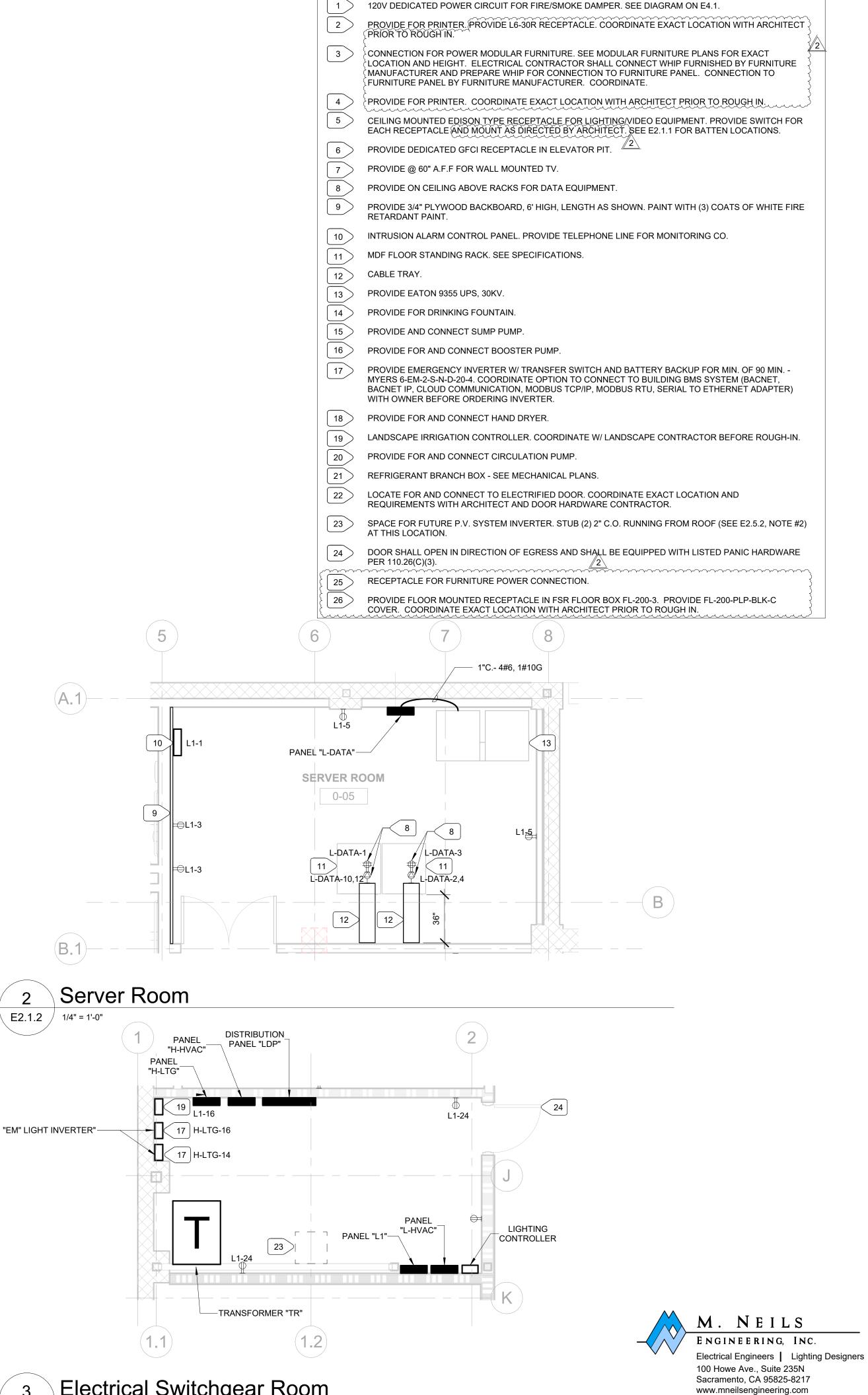
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NOTES, LUMINAIRE SCHEDULE, LIGHTING CONTROL DIAGRAMS, AND **ABBREVIATIONS** 

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NUMBERED NOTES

Electrical Switchgear Room 3 Elect 1/4" = 1'-0"

E2.1.2

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REVISIONS

1 PG&E CONNECTION

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**BASEMENT PLAN -**

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POWER

Tel: (916) 923-4400 PROJECT #: <u>23046.21</u>

2 MOD. FURN. CHANGES

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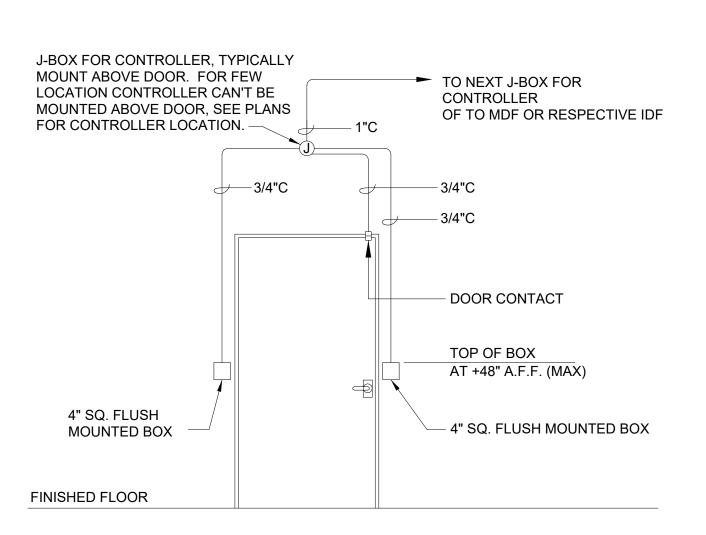
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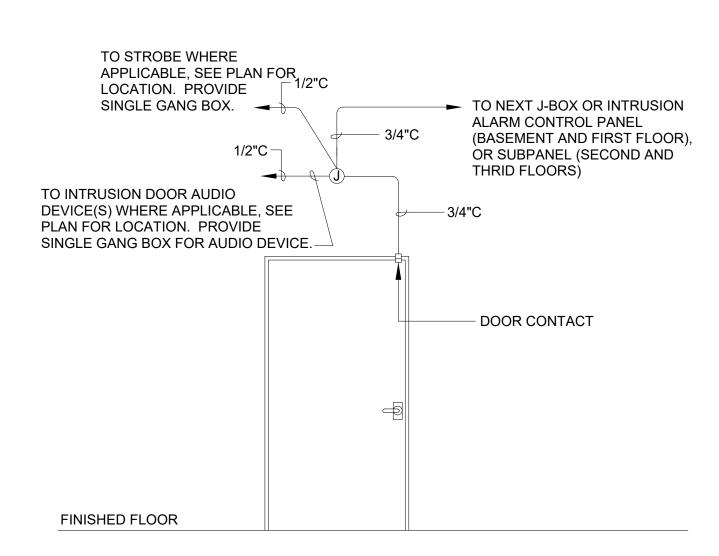
Basement Plan - Power

E2.1.2 / 1/8" = 1'-0"



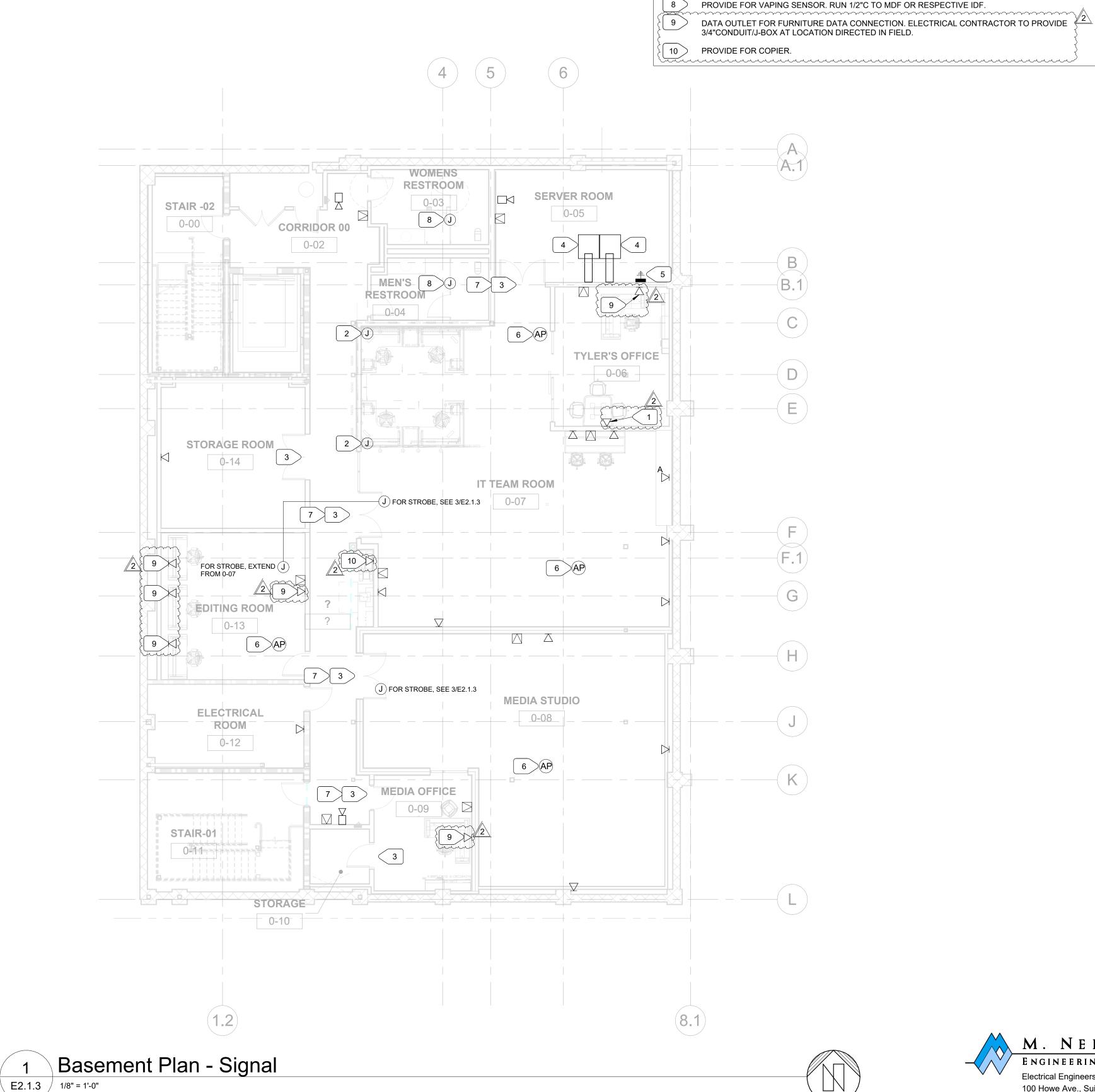
1. ELECTRIC STRIKE OR ELECTRIFIED LOCKSET TO BE DETERMINED BY ARCHITECT. SEE ARCHITECTURAL DRAWINGS.

# 2 INFRASTRUCTURE FOR DOOR WITH ACCESS CONTROL E2.1.3 N.T.S.



1. ALL DEVICES AND WIRING BY INTRUSION ALARM COMPANY (SONITROL). ELECTRICAL CONTRACTOR TO INSTALL CONDUITS AND J-BOX.

# INFRASTRUCTURE FOR DOOR WITH INTRUSION ALARM E2.1.3 N.T.S.



M. NEILS ENGINEERING, INC. Electrical Engineers | Lighting Designers

NUMBERED NOTES

CONNECTION FOR DATA MODULAR FURNITURE. SEE FURNITURE PLANS FOR EXACT LOCATION/HEIGHT. PROVIDE 1-1/2"C FROM J-BOX TO MDF 2

PROVIDE FLOOR MOUNTED, FOUR POST, 16 GAUGE STEEL CONSTRUCTION RACK. PROVIDE VERTICAL AND HORIZONTAL CABLE MANAGEMENT CHANNELS, TOP AND BOTTOM CABLE THROUGHS, AND

INSTALL @ +60" A.F.F. ADJACENT TO POWER RECEPTACLE. PROVIDE FOR TV.

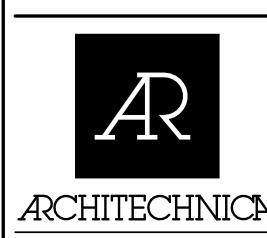
DOOR WITH INFRASTRUCTURE FOR ACCESS CONTROL. SEE DETAIL 2/E2.1.3.

DOOR WITH INFRASTRUCTURE FOR INTRUSION ALARM. SEE DETAIL 3/E2.1.3.

COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN.

PROVIDE GROUND BUS PER 6/E5.2.

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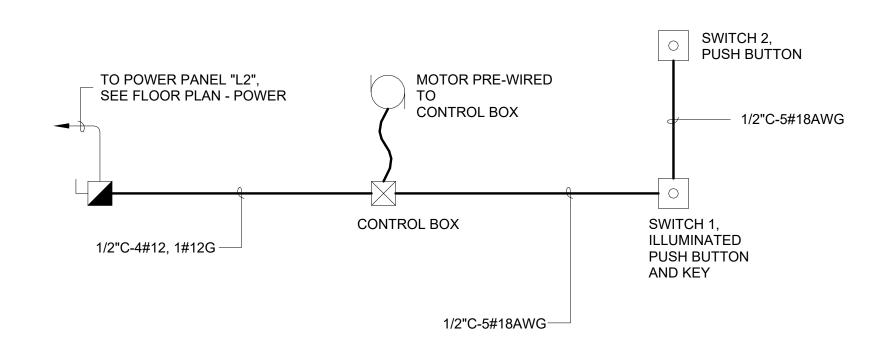
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ISSUE SET: CD Drawings ISSUE DATE: 01-22-2025 DRAWN BY: Author

**BASEMENT PLAN -**

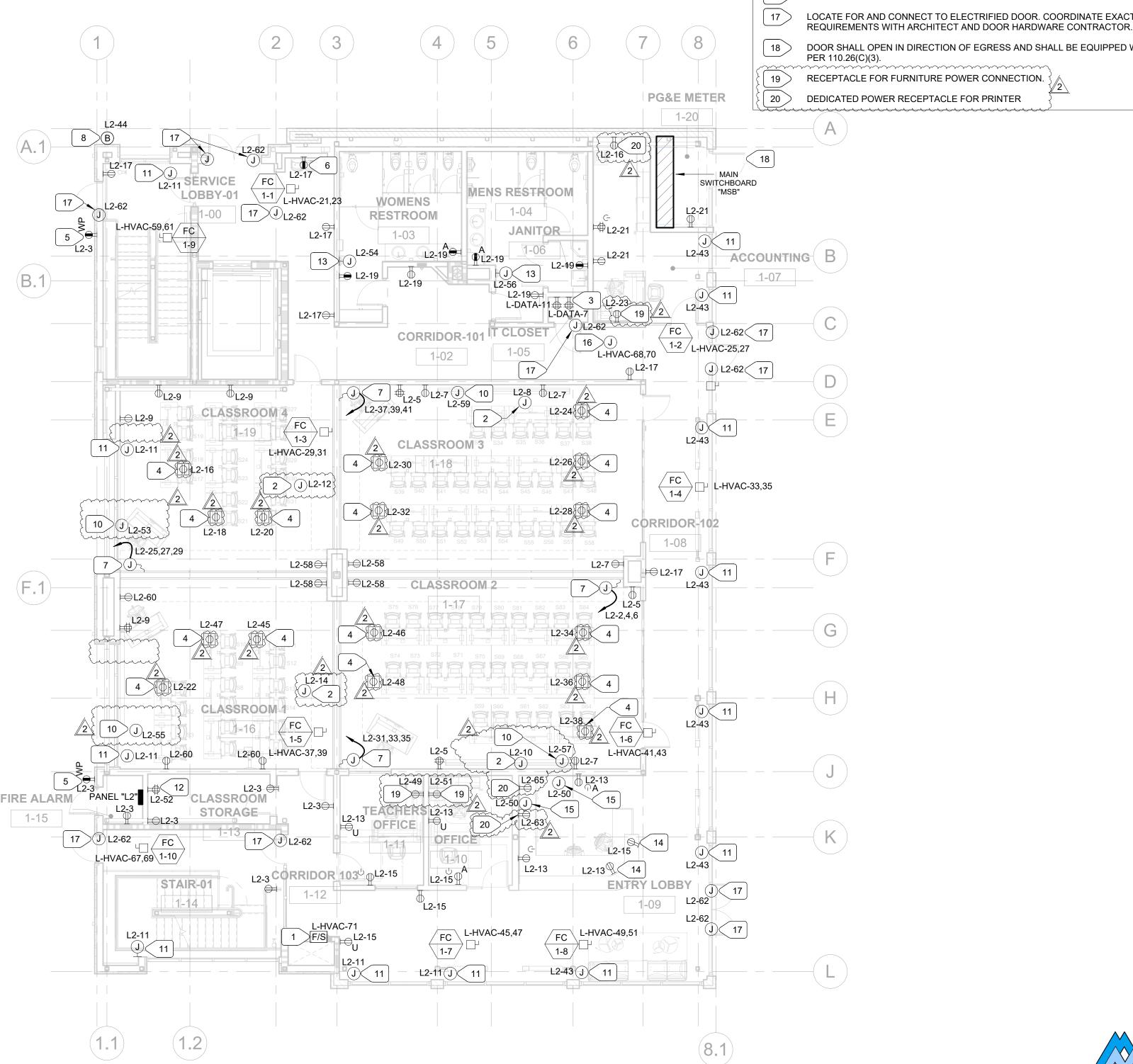
SIGNAL

E2.1.3



COORDINATE LOCATION OF DEVICES WITH ARCHITECT BEFORE ROUGH IN.

2 Folding Partition Connection Diagram  $\mathsf{E2.2.2} \ / \ \mathsf{N.T.S.}$ 



First Floor Plan - Power

E2.2.2 / 1/8" = 1'-0"



120V DEDICATED POWER CIRCUIT. SEE DIAGRAM ON E4.1

WALL MOUNTED FOR PROJECTOR. COORDINATE EXACT REQUIREMENTS BEFORE ROUGH-IN.

INSTALL ADJACENT TO IDF.

PROVIDE FLOOR MOUNTED RECEPTACLES IN FSR FLOOR BOX FL-200-4. PROVIDE FL-200-PTSLV COVER. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH IN.

PROVIDE IN LOCKABLE, FLUSH MOUNTED BOX WITH WHILE-IN-USE COVER.

PROVIDE FOR DRINKING FOUNTAIN.

POWER FOR FOLDABLE PARTITION. CONNECT VIA CONTROLLER. LOCATE CONTROLLER PUSH BUTTONS AS DIRECTED BY ARCHITECT.

FIRE BELL. CONNECT POWER VIA FIRE SPRINKLER WATER FLOW SWITCH.

CONNECTION FOR POWER MODULAR FURNITURE. SEE MODULAR FURNITURE PLANS FOR EXACT LOCATION AND HEIGHT.

POWER FOR SCREEN.

PROVIDE POWER FOR MOTORIZED WINDOW SHADE. PROVIDE SWITCH PER MANUFACTURER

PROVIDE FOR A/V CLASSROOM SYSTEM RACK. COORDINATE BEFORE ROUGH IN.

PROVIDE FOR AND CONNECT HAND DRYER.

MOUNT IN KNEE SPACE.

PROVIDE FOR AND CONNECT LIGHTED SIGN. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE INSTALLATION.

REFRIGERANT BRANCH BOX - SEE MECHANICAL PLANS.

LOCATE FOR AND CONNECT TO ELECTRIFIED DOOR. COORDINATE EXACT LOCATION AND

DOOR SHALL OPEN IN DIRECTION OF EGRESS AND SHALL BE EQUIPPED WITH LISTED PANIC HARDWARE

RECEPTACLE FOR FURNITURE POWER CONNECTION.

DEDICATED POWER RECEPTACLE FOR PRINTER

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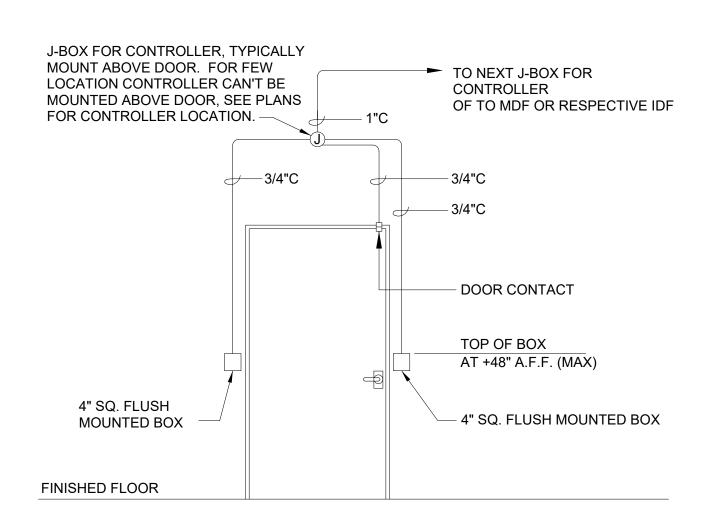
REVISIONS 1 PG&E CONNECTION 2 MOD. FURN. CHANGES

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FIRST FLOOR PLAN -POWER

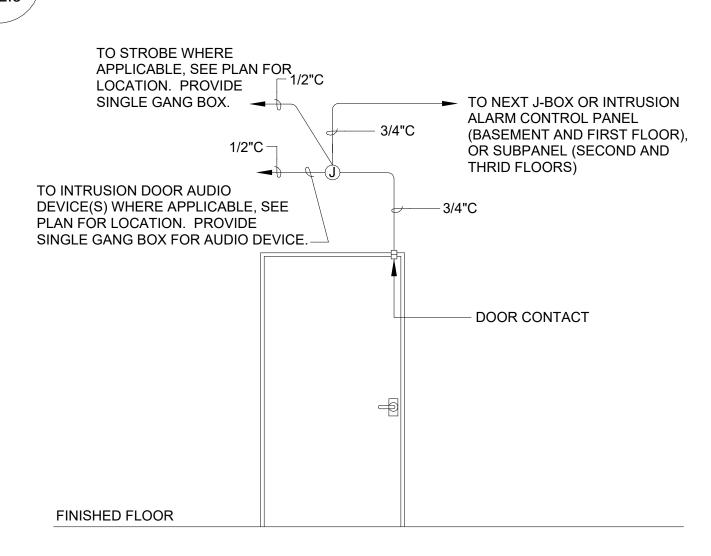
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NOTE:

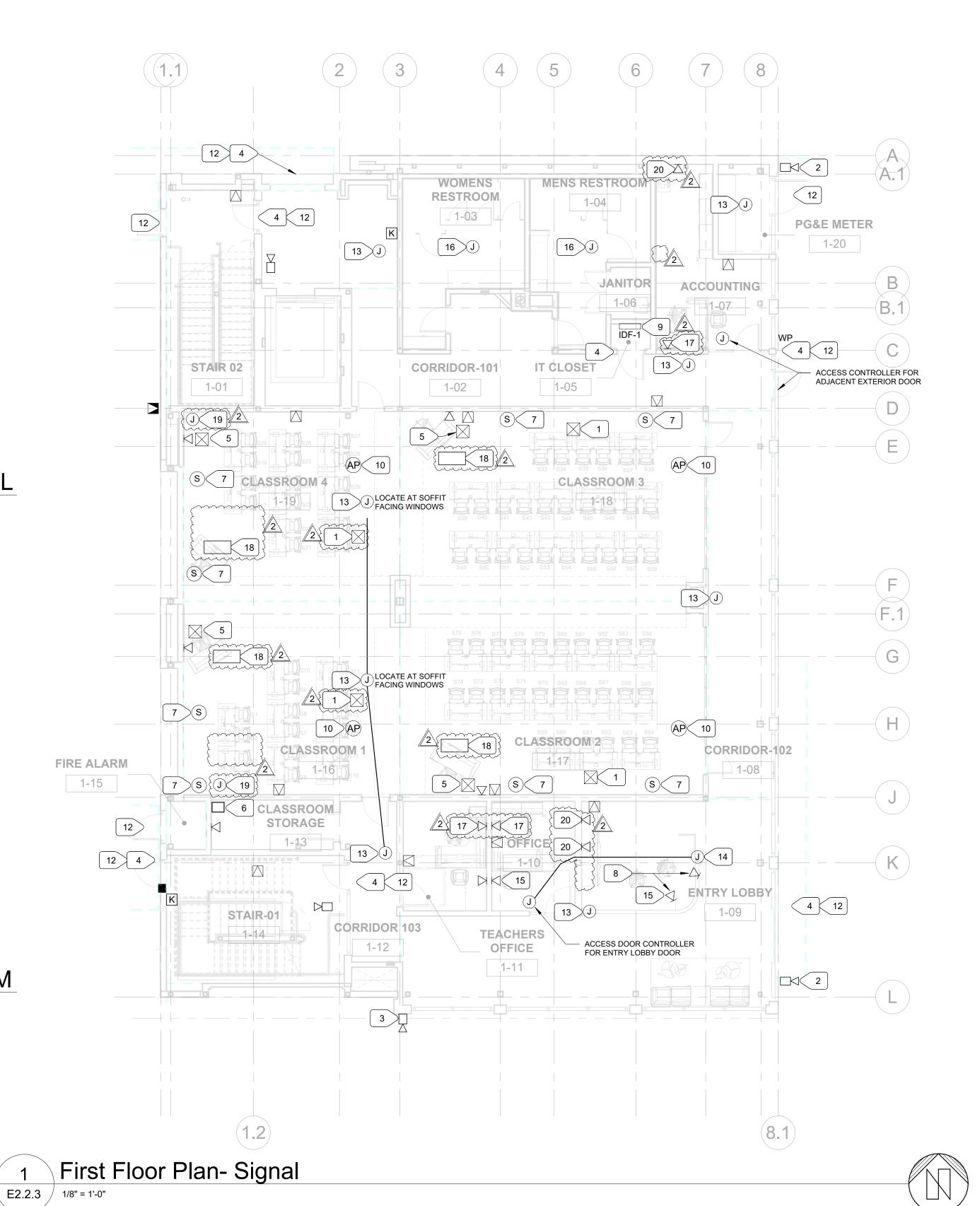
1. ELECTRIC STRIKE OR ELECTRIFIED LOCKSET TO BE DETERMINED BY ARCHITECT. SEE ARCHITECTURAL DRAWINGS.

2 INFRASTRUCTURE FOR DOOR WITH ACCESS CONTROL E2.2.3 N.T.S.



NOTE:
1. ALL DEVICES AND WIRING BY INTRUSION ALARM COMPANY (SONITROL). ELECTRICAL CONTRACTOR TO INSTALL CONDUITS AND J-BOX.

3 INFRASTRUCTURE FOR DOOR WITH INTRUSION ALARM E2.2.3 N.T.S.





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PROJECT #: 23046.21



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2	MOD. FURN. CHANGES	2/18/20			
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ISSU	ISSUE SET: CD Drawings				
ISSU	ISSUE DATE: 01-22-2025				

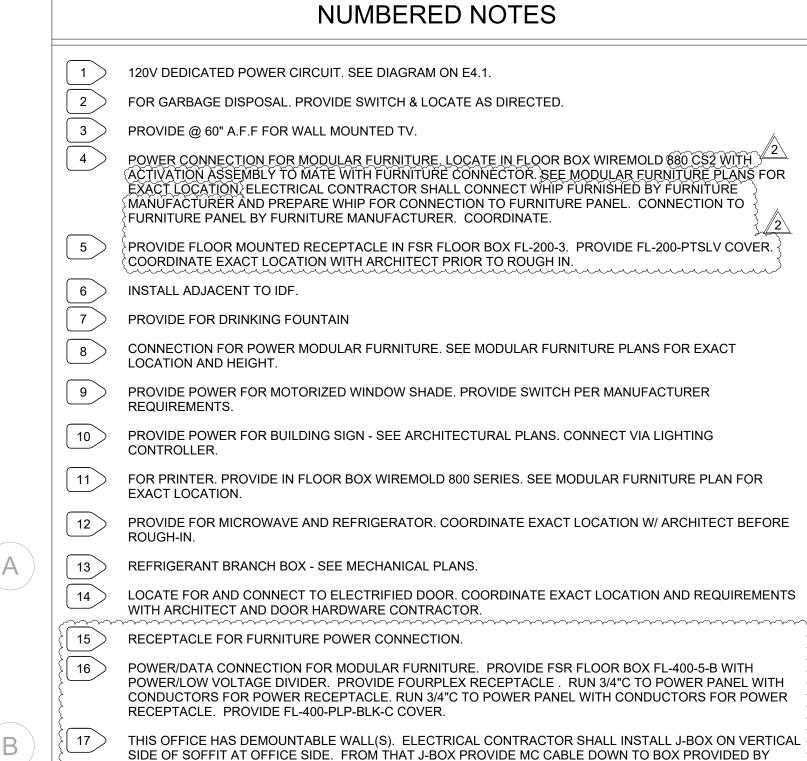
FIRST FLOOR PLAN -SIGNAL

DRAWN BY: Author

E2.2.3

Second Floor Plan - Power

E2.3.2 / 1/8" = 1'-0"



WALL MANUFACTURER. PROVIDE RECEPTACLE IN THAT BOX AS SHOWN ON PLAN. COORDINATE WITH

PROVIDE FLOOR MOUNTED RECEPTACLE DEDICATED TO PRINTER, IN FSR FLOOR BOX FL-200-4. PROVIDE FL-200-PLP-BLK-C COVER. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH IN.

ARCHITECT PRIOR TO ROUGH IN.

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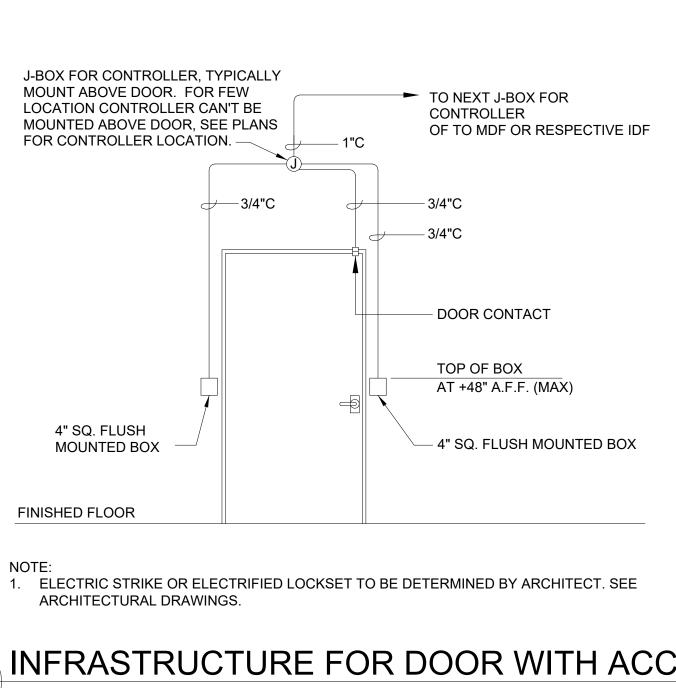
ISSUE SET: CD Drawings

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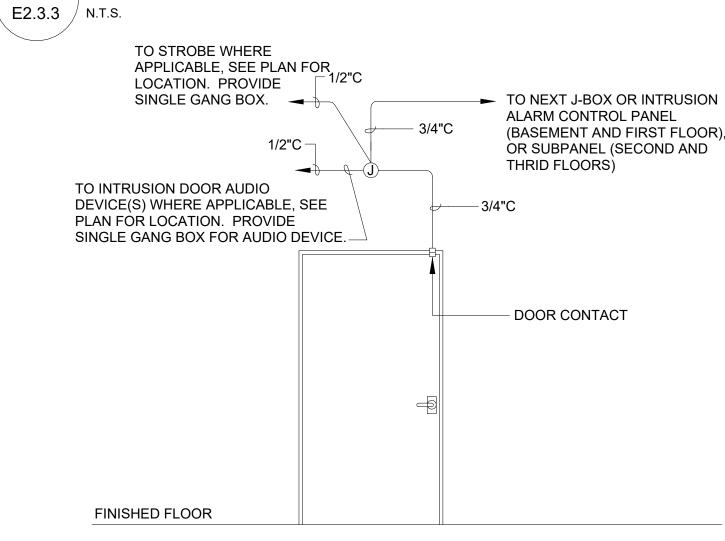
SECOND FLOOR PLAN - POWER



E2.3.2 Sacramento, CA 95825-8217 www.mneilsengineering.com Tel: (916) 923-4400 PROJECT #: 23046.21

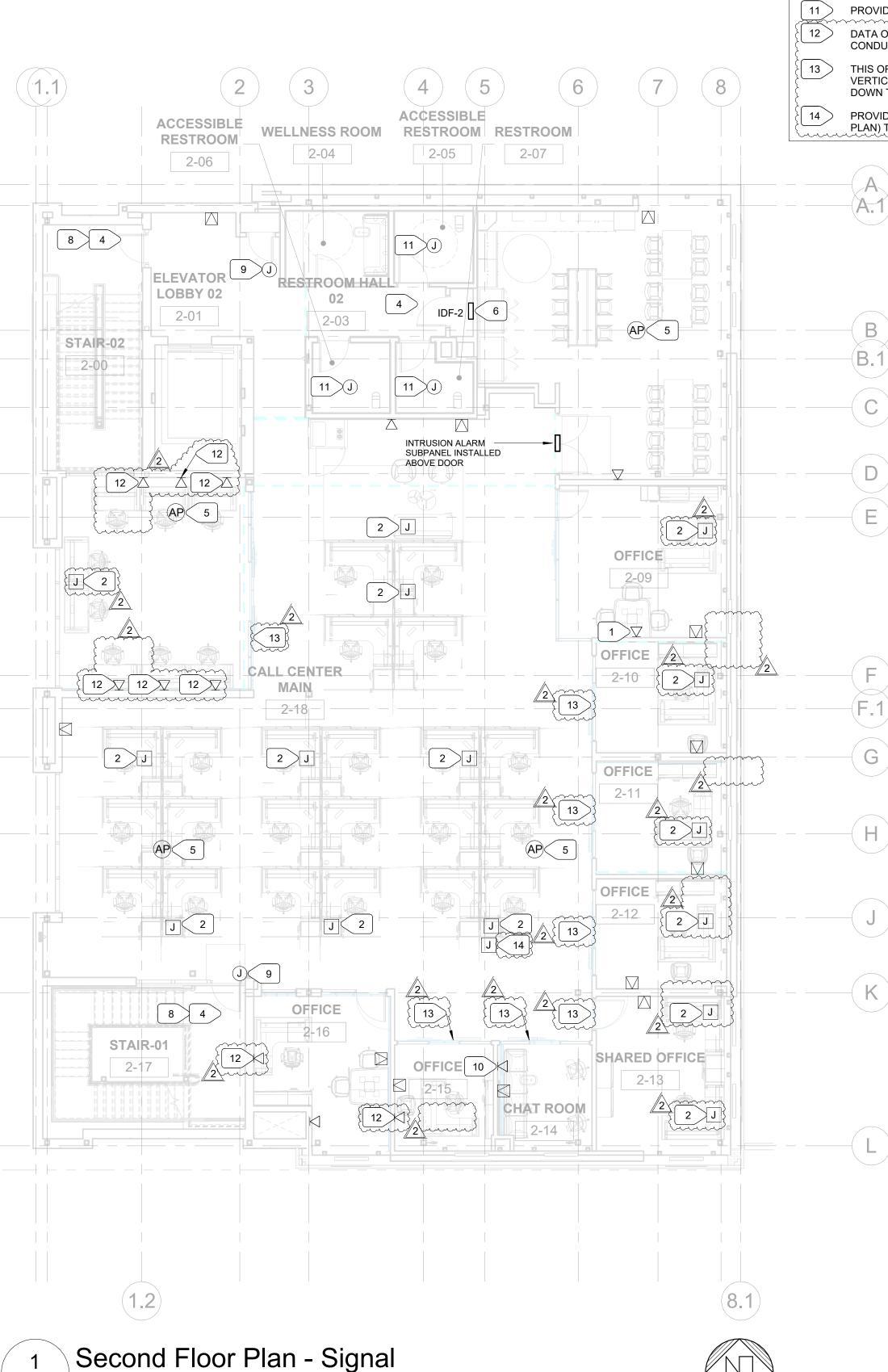


INFRASTRUCTURE FOR DOOR WITH ACCESS CONTROL



1. ALL DEVICES AND WIRING BY INTRUSION ALARM COMPANY (SONITROL). ELECTRICAL CONTRACTOR TO INSTALL CONDUITS AND J-BOX.

INFRASTRUCTURE FOR DOOR WITH INTRUSION ALARM  $\mathsf{E2.3.3} \ / \mathsf{N.T.S.}$ 



E2.3.3 / 1/8" = 1'-0"



INSTALL @ +60" A.F.F. ADJACENT TO POWER RECEPTACLE. PROVIDE FOR TV. DATA CONNECTION FOR MODULAR FURNITURE. RUN 3/4"C FROM LOW VOLTAGE COMPARTMENT OF \2 FLOOR BOX FL-400-5-B (SEE POWER PLAN) TO IDF-2.

CONNECTION FOR DATA MODULAR FURNITURE. SEE FURNITURE PLANS FOR EXACT LOCATION/HEIGHT.

DOOR WITH INFRASTRUCTURE FOR ACCESS CONTROL. SEE DETAIL 2/E2.3.3.

COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN.

PROVIDE VERTICAL MOUNTED RACK ENCLOSURE, 8U SPACES + 4U SPACES FOR PATCH PANELS. ENCLOSURE SHALL BE CAPABLE OF HOUSING 35" DEEP EQUIPMENT. ENCLOSURE SHALL HAVE FAN. PROVIDE #4 GREEN GROUND WIRE IN 3/4" FROM ENCLOSURE BONDING LUG TO GROUND BAR IN BASEMENT SERVER ROOM.

DATA CONNECTION FOR PRINTER. LOCATE IN FLOOR BOX, WIREMOLD SERIES 800.

DOOR WITH INFRASTRUCTURE FOR INTRUSION ALARM. SEE DETAIL 3/E2.3.3.

PROVIDE FOR INTRUSION ALARM AUDIO DEVICE. SEE DETAIL 3/E2.3.3

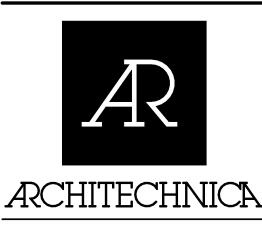
FOR MONITOR FOR ACCESS SYSTEM.

PROVIDE FOR VAPING SENSOR. RUN 1/2"C TO MDF OR RESPECTIVE IDF.

DATA OUTLET FOR FURNITURE DATA CONNECTION. ELECTRICAL CONTRACTOR TO PROVIDE 3/4" CONDUIT/J-BOX AT LOCATION DIRECTED IN FIELD.

THIS OFFICE HAS DEMOUNTABLE WALL(S). ELECTRICAL CONTRACTOR SHALL INSTALL J-BOX ON VERTICAL SIDE OF SOFFIT AT OFFICE SIDE. FROM THAT J-BOX PROVIDE 3/4" METAL FLEX CONDUIT DOWN TO BOX FOR DATA PROVIDED BY WALL MANUFACTURER.

PROVIDE 3/4"C FROM LOW VOLTAGE COMPARTMENT OF FLOOR MOUNTED BOX FL-200-4 (SEE POWER PLAN) TO IDF-2. DATA OUTLET DEDICATED FOR PRINTER.



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SAN JOAQUIN COUNTY OFFICE OF EDUCATION

REVISIONS 1 PG&E CONNECTION 2 MOD. FURN. CHANGES

PROJECT NO: 23046.21 ISSUE SET: CD Drawings

ISSUE DATE: 01-22-2025 DRAWN BY: Author

SECOND FLOOR PLAN - SIGNAL

M. NEILS ENGINEERING, INC. Electrical Engineers | Lighting Designers 100 Howe Ave., Suite 235N Sacramento, CA 95825-8217

> Tel: (916) 923-4400 PROJECT #: 23046.21

www.mneilsengineering.com

E2.3.3

Third Floor Plan - Power

E2.4.2 / 1/8" = 1'-0"

NUMBERED NOTES

1 120V DEDICATED POWER CIRCUIT. SEE DIAGRAM ON E4.1.

PROVIDE DEDICATED CIRCUIT FOR ELEVATOR CAR, HVAC, & LIGHTING.

POWER CONNECTION FOR MODULAR FURNITURE. LOCATE IN FLOOR BOX WIREMOLD 880 CS2 WITH ACTIVATION ASSEMBLY TO MATE WITH FURNITURE CONNECTOR. SEE MODULAR FURNITURE PLANS FOR EXACT LOCATION. ELECTRICAL CONTRACTOR SHALL CONNECT WHIP FURNISHED BY FURNITURE MANUFACTURER AND PREPARE WHIP FOR CONNECTION TO FURNITURE PANEL. CONNECTION TO FURNITURE PANEL BY FURNITURE MANUFACTURER. COORDINATE.

4 INSTALL ADJACENT TO IDF.

INSTALL @ CEILING FOR PROJECTOR.

6 PROVIDE @ 60" A.F.F FOR WALL MOUNTED TV.

7 PROVIDE FOR DRINKING FOUNTAIN.

8 PROVIDE FOR GARBAGE DISPOSAL. PROVIDE SWITCH AND LOCATE AS DIRECTED.

9 SEE ONE LINE DIAGRAM - POWER FOR CONDUIT/CONDUCTOR & CONNECTION TO MAIN SWITCHGEAR.

10 CONNECTION FOR POWER MODULAR FURNITURE. SEE MODULAR FURNITURE PLANS FOR EXACT

LOCATION AND HEIGHT.

11 POWER/DATA CONNECTION. PROVIDE FSR FLOOR BOX FL-400-5-B WITH POWER/LOW VOLTAGE DIVIDER.

12 PROVIDE FOURDLEY RECEPTACIE. PLIN 2/4/3 TO BOWER PANEL WITH CONDUCTORS FOR BOWER.

PROVIDE FOURPLEX RECEPTACLE . RUN 3/4"C TO POWER PANEL WITH CONDUCTORS FOR POWER RECEPTACLE. PROVIDE FL-400-PLP-BLK-C COVER.

PROVIDE ELEVATOR CONTORL SWITCH EATON ES-2-T1-R2-G-F1-N. SEE 4/E4.1 FOR ELEVATOR RECALL.

PROVIDE POWER FOR MOTORIZED WINDOW SHADE. PROVIDE SWITCH PER MANUFACTURER
REQUIREMENTS

REQUIREMENTS.

14 PROVIDE FOR AND CONNECT LIGHTED SIGN. PROVIDE ALL APPURTENANCES REQUIRED FOR COMPLETE

INSTALLATION.

15 PROVIDE FOR AND CONNECT BUILDING SIGN. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION

PROVIDE FOR AND CONNECT BUILDING SIGN. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION. CONNECT VIA LIGHTING CONTROLLER.

16 REFRIGERANT BRANCH BOX - SEE MECHANICAL PLANS.

LOCATE FOR AND CONNECT TO ELECTRIFIED DOOR. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCHITECT AND DOOR HARDWARE CONTRACTOR.

18 RECEPTACLE FOR FURNITURE POWER CONNECTION.

PROVIDE FLOOR MOUNTED RECEPTACLE IN FSR FLOOR BOX FL-200-3. PROVIDE FL-200-PTSLV COVER. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH IN.

20 PROVIDE FOR MOTORIZED SCREEN. COORDINATE EXACT REQUIREMENTS (CONNECTION TO CONTROL PANEL) AND LOCATION WITH ARCHITECT PRIOR TO ROUGH IN.

21 DEDICATED FOR PRINTER.

POWER/DATA CONNECTION FOR MODULAR FURNITURE. PROVIDE FSR FLOOR BOX FL-400-5-B WITH POWER/LOW VOLTAGE DIVIDER. PROVIDE FOURPLEX RECEPTACLE. RUN 3/4"C TO POWER PANEL WITH CONDUCTORS FOR POWER RECEPTACLE. PROVIDE FL-400-PLP-BLK-C COVER.

POWER/DATA CONNECTION. PROVIDE FSR FLOOR BOX FL-400-5-B WITH POWER/LOW VOLTAGE DIVIDER.
PROVIDE FOURPLEX RECEPTACLE. RUN 3/4"C TO POWER PANEL WITH CONDUCTORS FOR POWER
RECEPTACLE. PROVIDE FL-400-CLD-ALM-C COVER.

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REVISIONS

1 PG&E CONNECTION 2/5/2029
2 MOD. FURN. CHANGES 2/18/2029

PROJECT NO: 23046.21

ISSUE SET: CD Drawings

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ISSUE DATE: 01-22-2025
DRAWN BY: BR

THIRD FLOOR PLAN POWER



Electrical Engineers | Lighting Designers

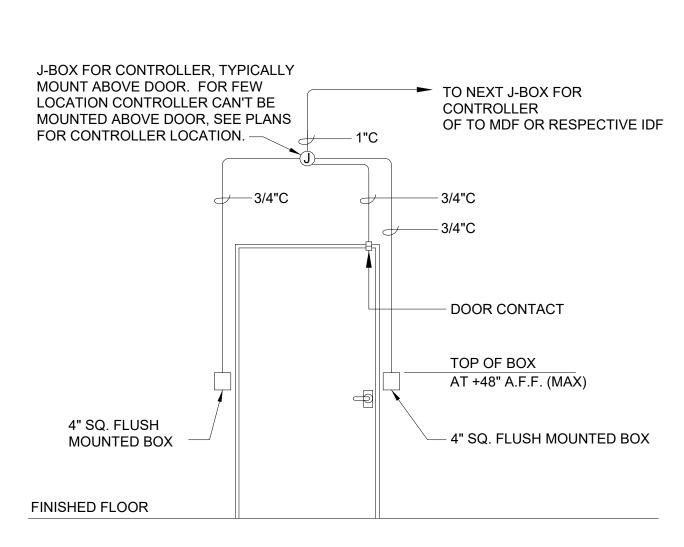
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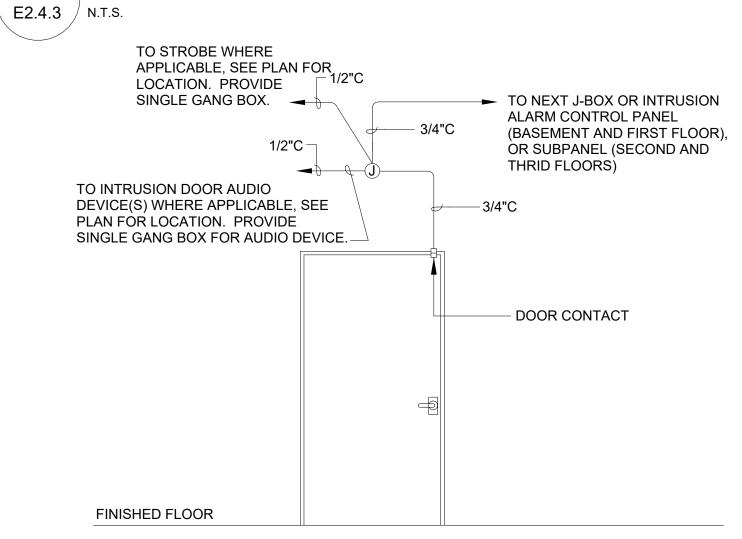
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NOTE:

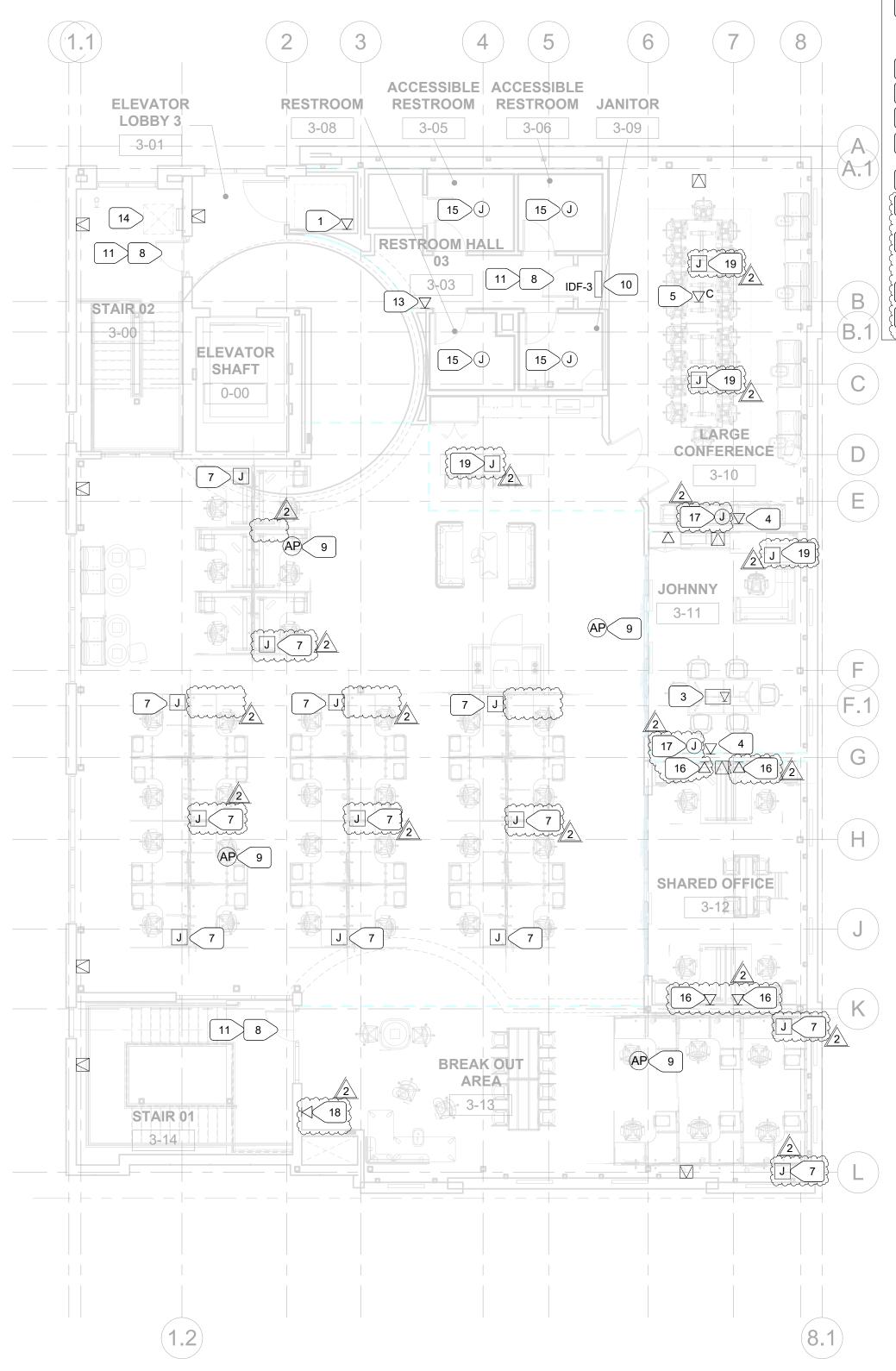
 ELECTRIC STRIKE OR ELECTRIFIED LOCKSET TO BE DETERMINED BY ARCHITECT. SEE ARCHITECTURAL DRAWINGS.

# INFRASTRUCTURE FOR DOOR WITH ACCESS CONTROL



NOTE:
1. ALL DEVICES AND WIRING BY INTRUSION ALARM COMPANY (SONITROL). ELECTRICAL CONTRACTOR TO INSTALL CONDUITS AND J-BOX.

# 3 INFRASTRUCTURE FOR DOOR WITH INTRUSION ALARM E2.4.3 N.T.S.



Third Floor Plan - Signal

E2.4.3 / 1/8" = 1'-0"

## NUMBERED NOTES

2 INSTALL @ CEILING ADJACENT TO POWER RECEPTACLE FOR PROJECTOR.

3 INSTALL IN FLOOR BOX - SEE FLOOR PLAN POWER. TYPICAL.

4 INSTALL @ +60" A.F.F. ADJACENT TO POWER RECEPTACLE. PROVIDE FOR TV.

5 MOUNT @ CEILING ADJACENT TO POWER RECEPTACLE FOR PROJECTOR.

6 CONNECTION FOR DATA MODULAR FURNITURE. SEE FURNITURE PLANS FOR EXACT LOCATION/HEIGHT.

7 DATA CONNECTION FOR MODULAR FURNITURE. LOCATE IN FLOOR BOX WIREMOLD 880 CS3 WITH 2 ACTIVATION ASSEMBLY TO MATE WITH FURNITURE DATA CONNECTOR. SEE MODULAR FURNITURE PLANS FOR EXACT LOCATION. PROVIDE (2) 1"C FROM BOX TO IDF-3.

8 DOOR WITH INFRASTRUCTURE FOR ACCESS CONTROL. SEE DETAIL 2/E2.3.3.

COORDINATE LOCATION WITH OWNER PRIOR TO ROUGH-IN.

PROVIDE ANALOG TELEPHONE LINE FOR ELEVATOR.

PROVIDE VERTICAL MOUNTED RACK ENCLOSURE, 8U SPACES + 4U SPACES FOR PATCH PANELS. ENCLOSURE SHALL BE CAPABLE OF HOUSING 35" DEEP EQUIPMENT. ENCLOSURE SHALL HAVE FAN. PROVIDE #4 GREEN GROUND WIRE IN 3/4" FROM ENCLOSURE BONDING LUG TO GROUND BAR IN BASEMENT SERVER ROOM.

DOOR WITH INFRASTRUCTURE FOR INTRUSION ALARM. SEE DETAIL 3/E2.3.3.

PROVIDE FOR INTRUSION ALARM AUDIO DEVICE. SEE DETAIL 3/E2.3.3.

FOR MONITOR FOR ACCESS SYSTEM.

ROOF HATCH INTRUSION ALARM CONTACTS, PROVIDE 3/4"C TO ADJACENT DOOR INTRUSION ALARM J-BOX.

15 PROVIDE FOR VAPING SENSOR. RUN 1/2"C TO MDF OR RESPECTIVE IDF.

VOLTAGE COMPARTMENT OF FLOOR BOXES BELOW TABLE.

CONDUIT/J-BOX AT LOCATION DIRECTED IN FIELD.

INSTALL J-BOX AT 60"A.F.F. ADJACENT TO POWER AND DATA BOX FOR TV. STUB 3/4"C FROM BOX TO ABOVE CEILING OR HIGH ON WALL AS DIRECTED BY ARCHITECT. PROVIDE 1-1/2" FROM J-BOX TO (2) LOW

DATA OUTLET FOR FURNITURE DATA CONNECTION. ELECTRICAL CONTRACTOR TO PROVIDE 3/4"

18 DEDICATED TO PRINTER.

DATA CONNECTION FOR MODULAR FURNITURE. RUN 3/4"C FROM LOW VOLTAGE COMPARTMENT OF FLOOR BOX FL-400-5-B (SEE POWER PLAN) TO IDF-3.

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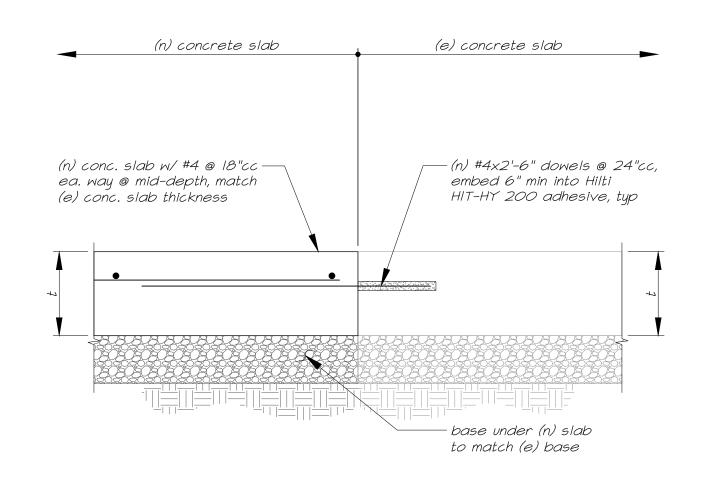
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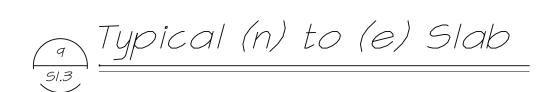
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2	MOD. FURN. CHANGES	2/18/2025	
PROJECT NO: 23046.21			

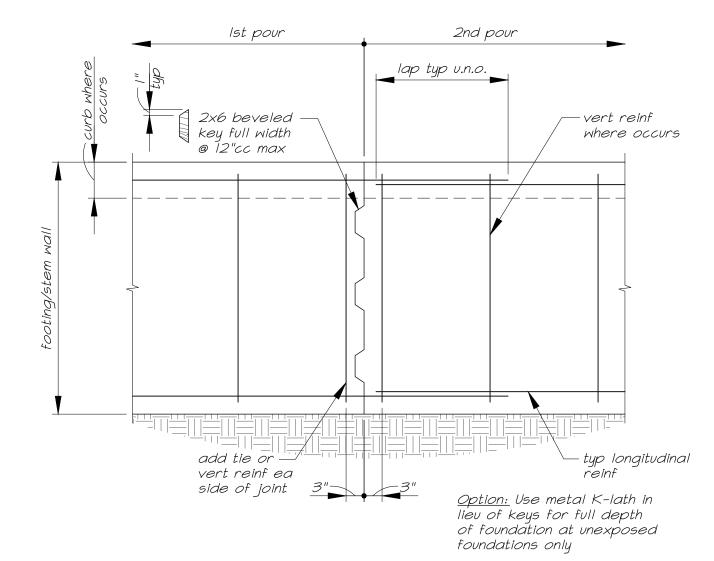
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THIRD FLOOR PLAN -SIGNAL



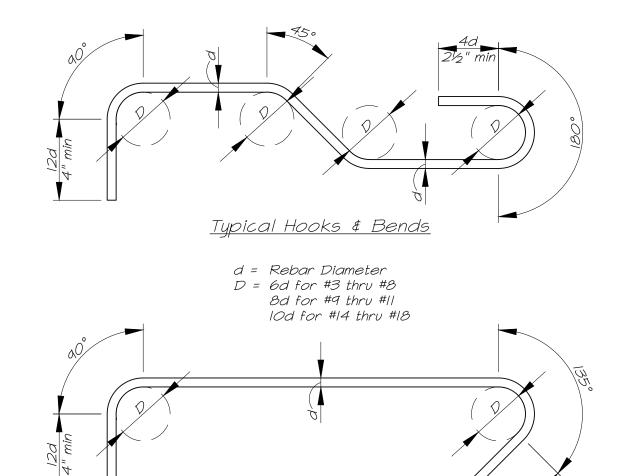






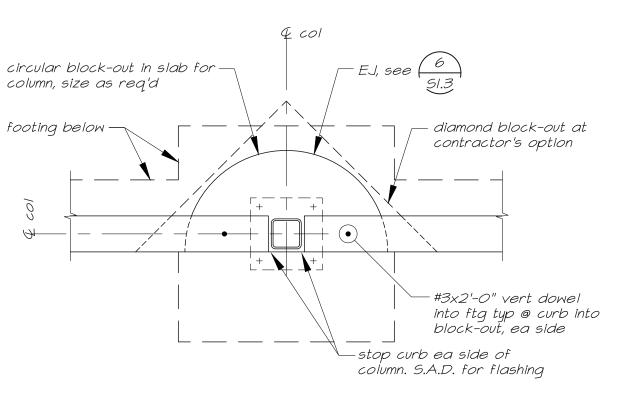
Typical Foundation Construction Joint

5 S1.3

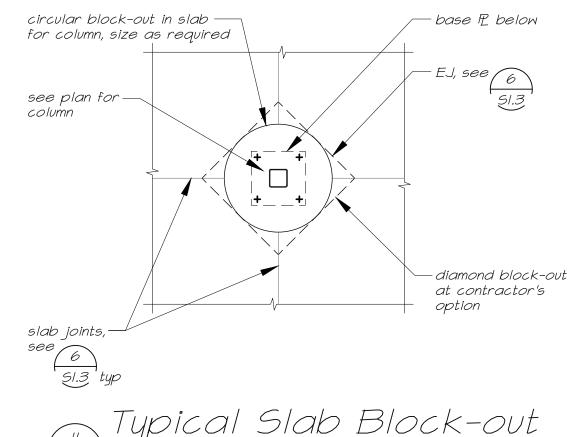




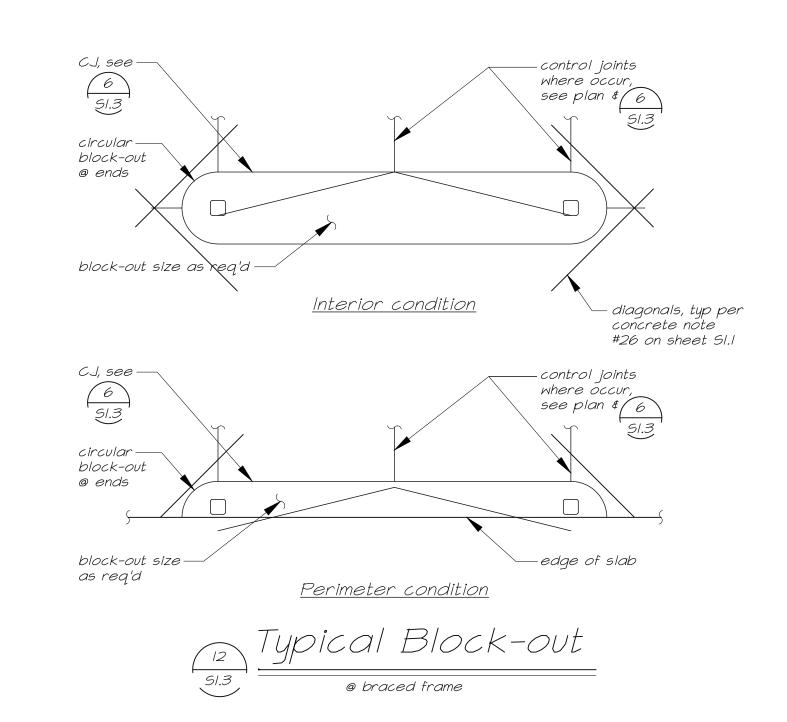
Ties # Stirrups

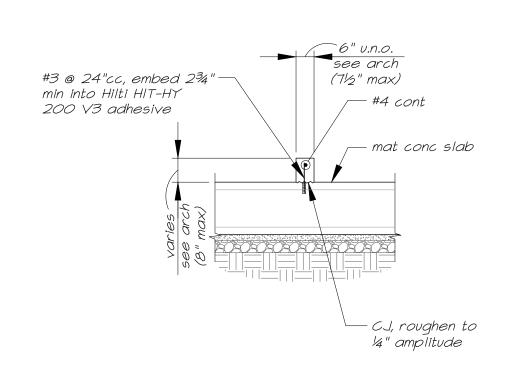




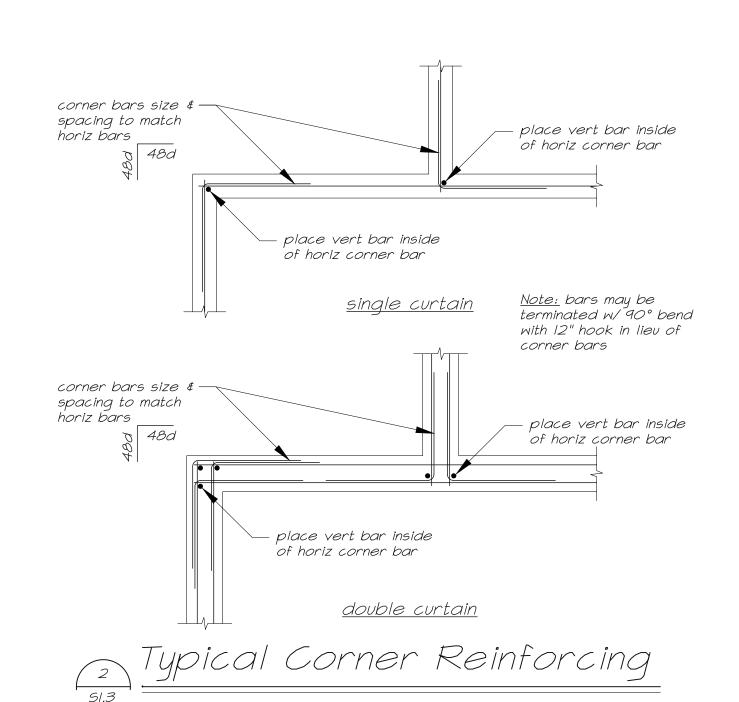


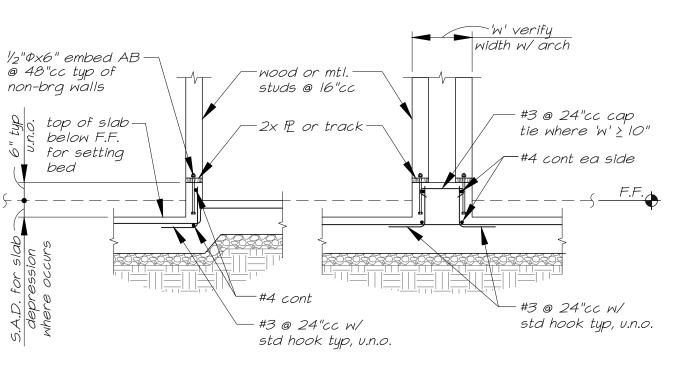




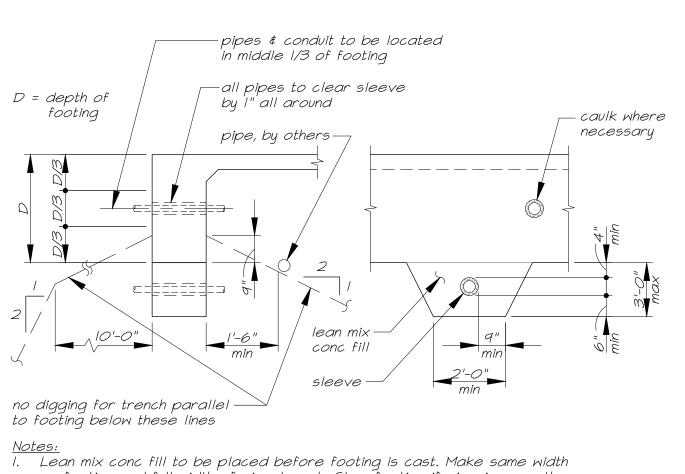








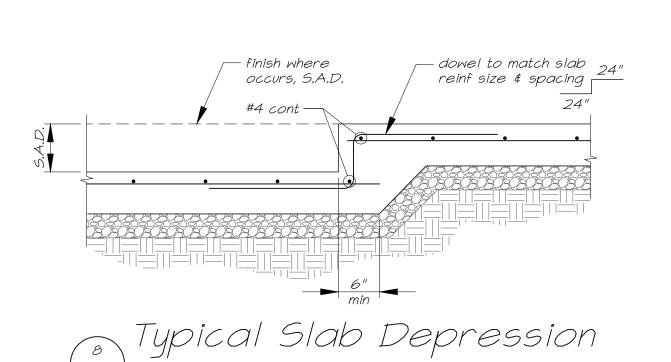
Typical Concrete Curb 51.3 (at slab depression & double wall)

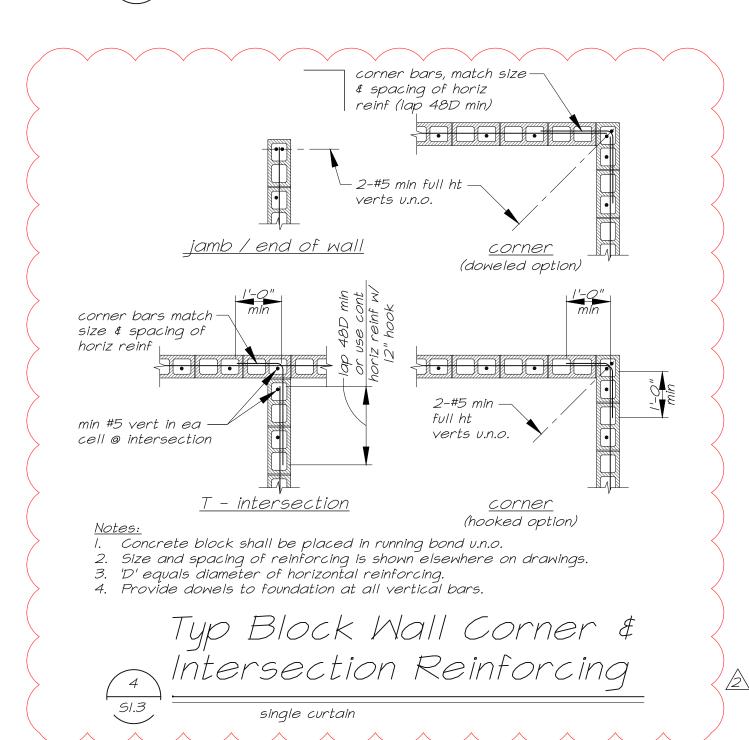


as footing and full width of pipe trench. Step footing if pipe is more than 2'-6" below bottom of footing. 2. No pipes shall be placed below spread footing, typ.

3. If pipe is in place prior to casting concrete, wrap pipe w/ glass wool insulation (1" min all around) in lieu of sleeve. 4. Conduits to be placed so as not to cross other conduits when turned up.

Concrete Footing Pipes & Conduits



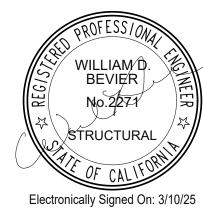




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REVISIONS 03.07.2025 Bid Addenda #4 PROJECT NO: BSE 23011 ISSUE SET: BID ADDENDUM SET

TYPICAL DETAILS

ISSUE DATE: 03.07.25

DRAWN BY: TB, JRW, MC

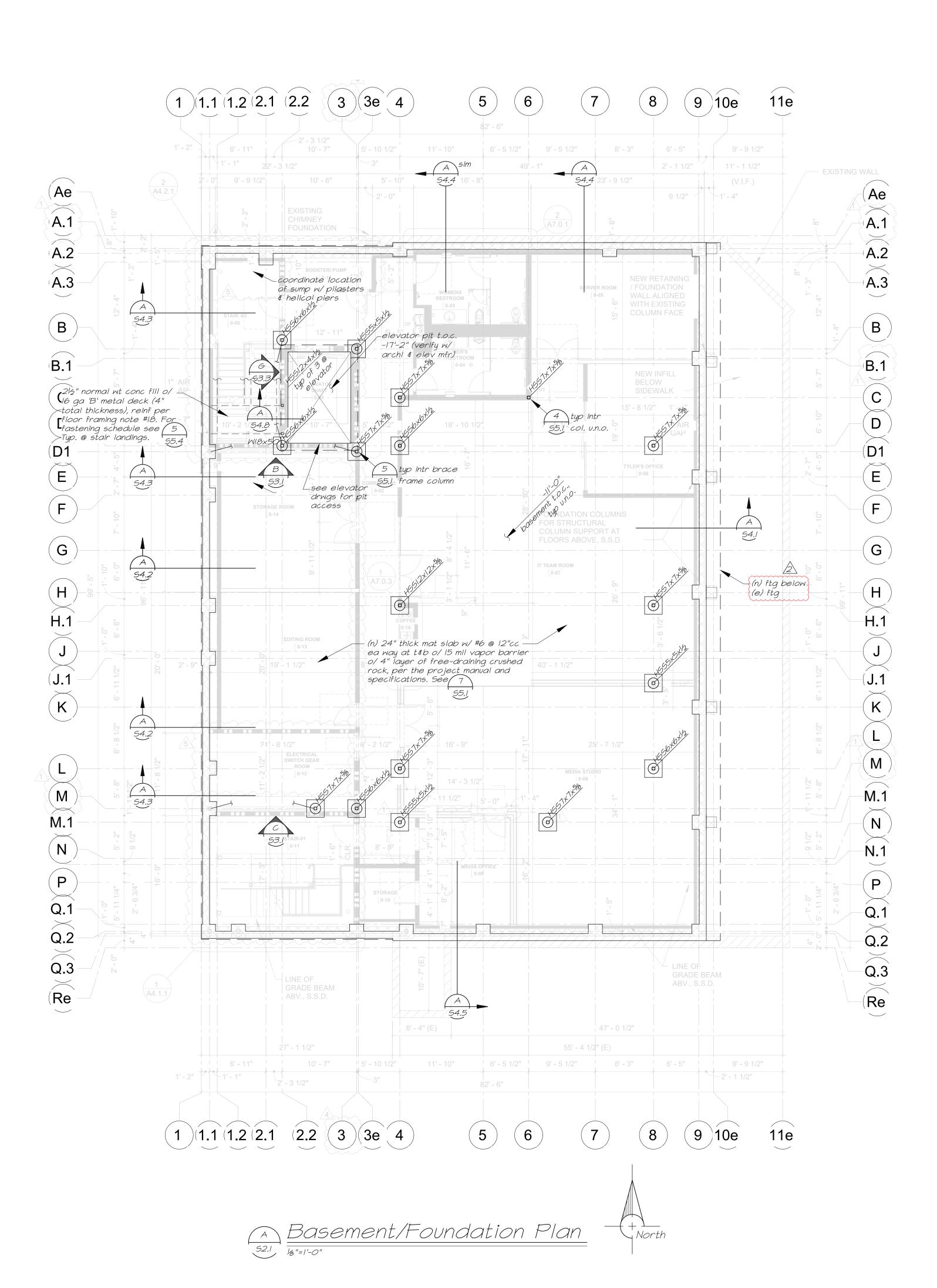
S1.3

## Foundation Notes

- I. Site preparation and building pad construction shall be done in accordance with the recommendations in the Geotechnical Engineering Report by Mid Pacific Engineering, Inc. (MPE), MPE No. 06357-01, dated April 18, 2024.
- 2. Verify all dimensions with architectural drawings. Notify Architect immediately of any discrepancies for resolution prior to proceeding.
- 3. Dimensions are to face of concrete (FC) or column centerlines, typical v.n.o.
- 4. Spread Footings are centered on columns and braced frames, typical u.n.o. 5. Basement top of concrete slab = elevation -11'-0" with respect to reference first
- floor t.o.c. elevation +0'-0". 6. HSS column base t.o.c. elevation = -11'-10" below reference first floor elevation
- +0'-0" typical v.n.o. 7. Slab block-outs shown at columns are diagrammatic. Actual size and configuration is
- to be determined by the contractor for constructability. 8. Provide 3" concrete cover minimum @ base P., anchor bolts, and columns typical.
- 9. For Typical Framing details at exterior metal stud walls, see sheet SI.4.
- 10. For typical reinforcing bends and corner reinforcing, see (-
- Indicates top of concrete elevation below reference elevation +0'-0"

 $\square$  Indicates HSS column, size indicated on plan.

13. Indicates braced frame location. See elevations and details referenced.





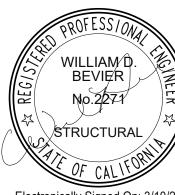
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2	Bid Addenda #4	03.07.20
PROJECT NO: BSE 23011		
ISSUE SET: BID ADDENDUM SET		
ISSUE DATE: 03.07.25		

## **BASEMENT** FOUNDATION PLAN

DRAWN BY: TB, JRW, MC

S2.1

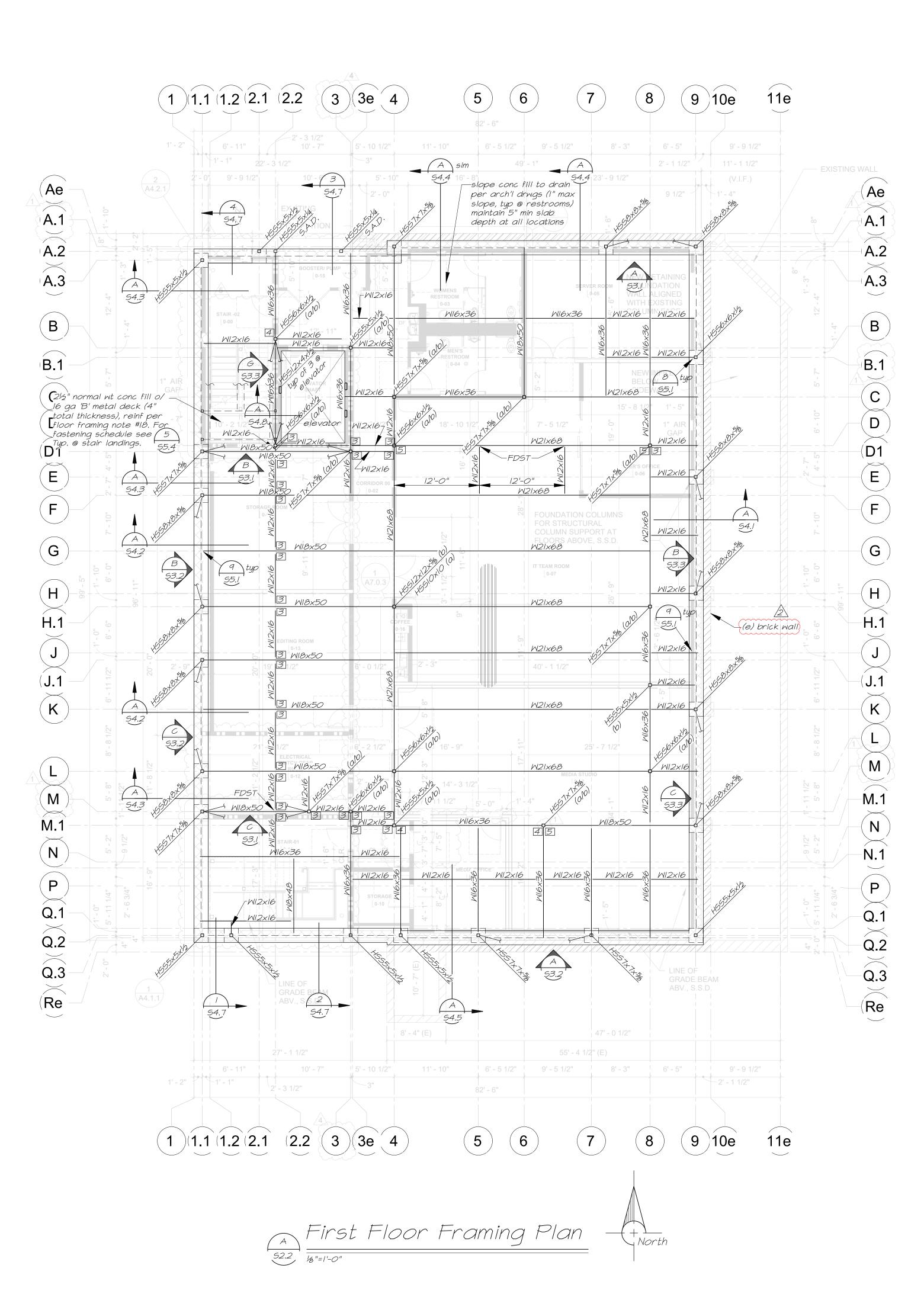
## Floor Framing Notes

- I. 3rd Floor: Top of slab elevation is +28'-0" above reference elevation +0'-0", typical v.n.o. Top of steel elevation is +27'-5½" above reference elevation typical v.n.o.
- 2nd Floor: Top of slab elevation is +l6'-0" above reference elevation +0'-0", typical u.n.o. Top of steel elevation is +l5'-5½" above reference elevation typical u.n.o.
- Ist Floor: Top of slab elevation is +0-0" above reference elevation +0'-0", typical v.n.o. Top of steel elevation is -0'-6½" with respect to reference elevation typical v.n.o.
- 2. Dimensions are to centerline of steel or face of closure/angle at slab edge typical u.n.o.

  3. Verify all openings in floor with Architectural, Mechanical, and Electrical drawings. For
- openings at concrete fill over metal deck, see 10 11 55.4 55.4
- 4. For typical framing details at exterior metal stud walls, see sheet SI.4.
- 5.  $C=\frac{3}{4}$ " Indicates amount of camber required at mid-span of beam or girder.
  6. (34) Indicates number of automatic end welded study required at beam or girder see
- 7. For typical beam to beam connections, see  $\begin{pmatrix} 2 \\ 55.3 \end{pmatrix}$   $\begin{pmatrix} 3 \\ 55.3 \end{pmatrix}$
- 8. For typical beam to column connections, see  $\frac{1}{55.3}$
- 9. Metal deck must be attached to all steel beams. At locations where low flutes do not align with beam, split deck as in 6
- 10. | Indicates HSS column. See plans for size.
- II.  $\frac{1}{2}$ ,  $0^{6}$ . Indicates top of steel elevation above reference elevation +0'-0"
- 12. Indicates braced frame location. See braced frame elevations and referenced details.
- 13. Indicates 3" normal weight concrete fill o/ metal deck.

  Span direction of metal deck as indicated on plan. Steel deck shall be 2 spans min v.n.o. For metal deck types and typ details, see 5

  See note 18 for slab reinforcing.
- 14. Indicates moment connection at end of beam, see 5
  55.3
- Indicates beam connection requiring A325 SC Class A bolts, total number of bolts required is shown inside box, see note #1 on 4 \$55.3
- 16. Exterior walls shall be 8005162-43 metal studs @ 16"cc, v.n.o.
- Interior metal studs shall be per architectural drawings. 17. Install compressible material around braced frame gusset plates per details.
- 18. All concrete fill of metal deck shall be reinforced  $\tilde{w}/6x6$ -W2.9 sheets of WWF (rolls not acceptable) at mid-depth of concrete topping, typ.
- 19. "FDST" indicates full depth shear tabs per  $\binom{2}{65.3}$





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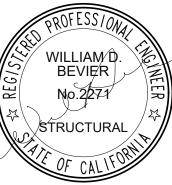
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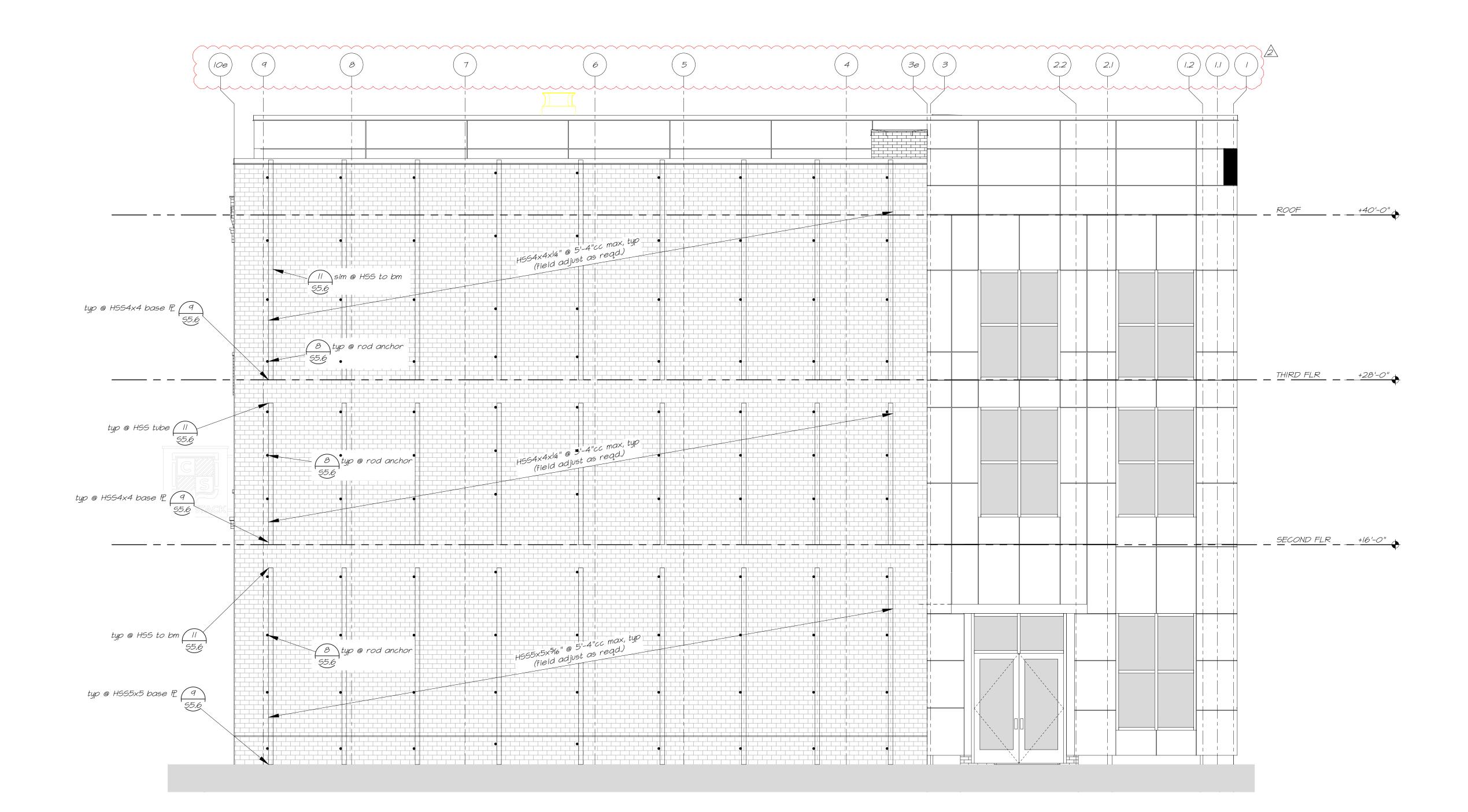
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FIRST FLOOR FRAMING PLAN

DRAWN BY: TB, JRW, MC

S2.2



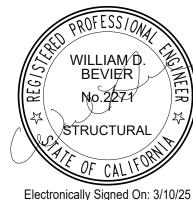


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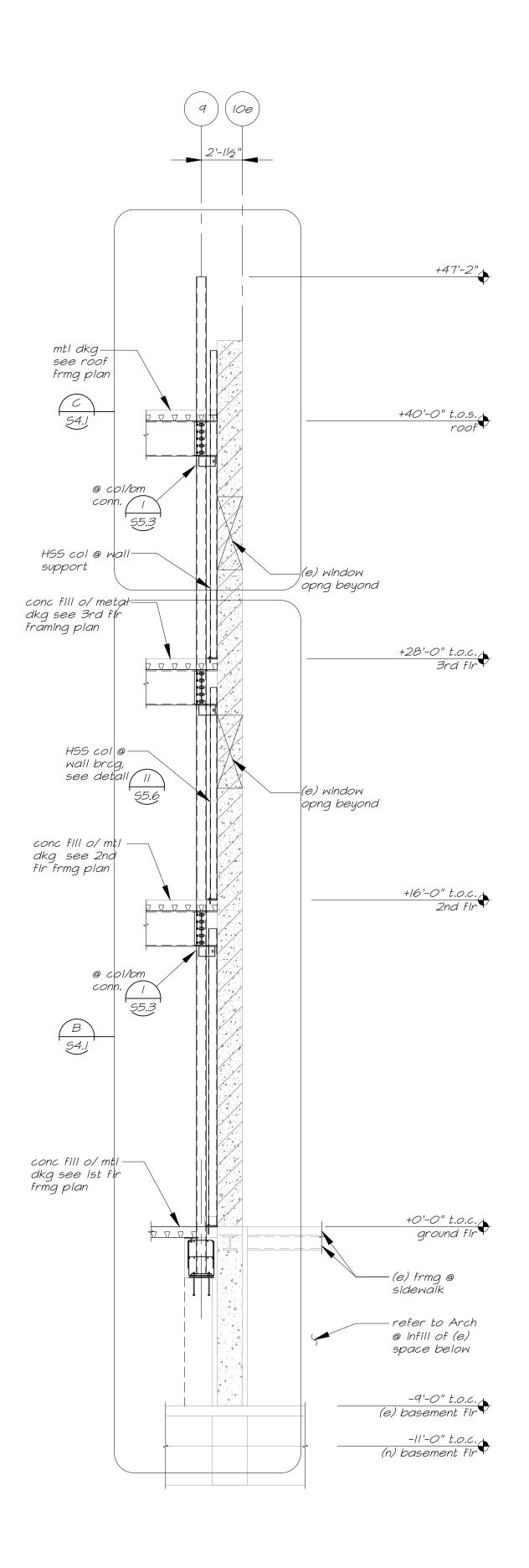
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	PROJECT NO. BSE 23011			
	ISSUE SET: BID ADDENDUM SET			
		ISSUE DATE: 03.07.25		
		DRA	WN BY: TB. JRW. MC	

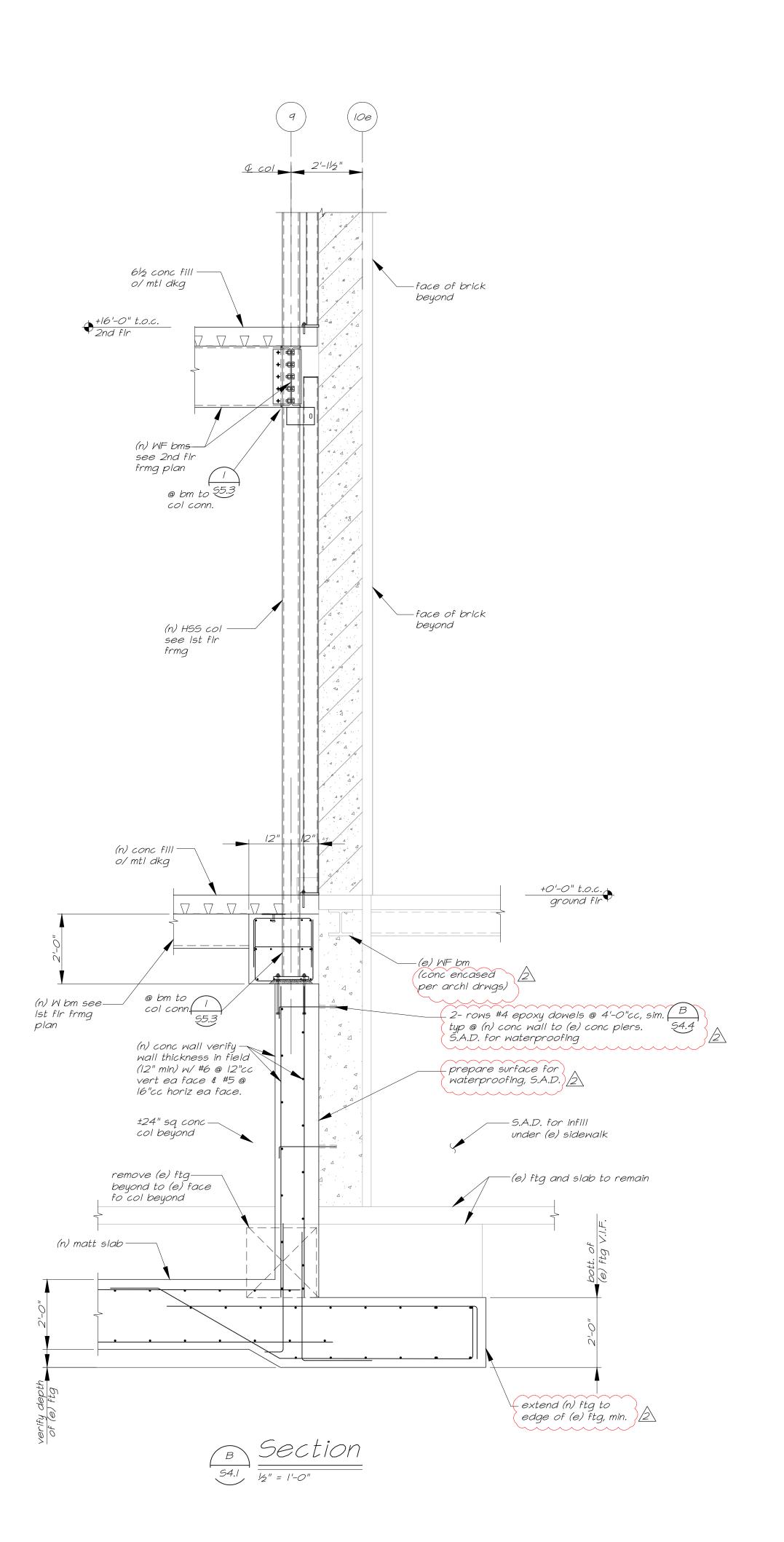
(E) BRICK FACADE BRACING BUILDING ELEVATION (NORTH)

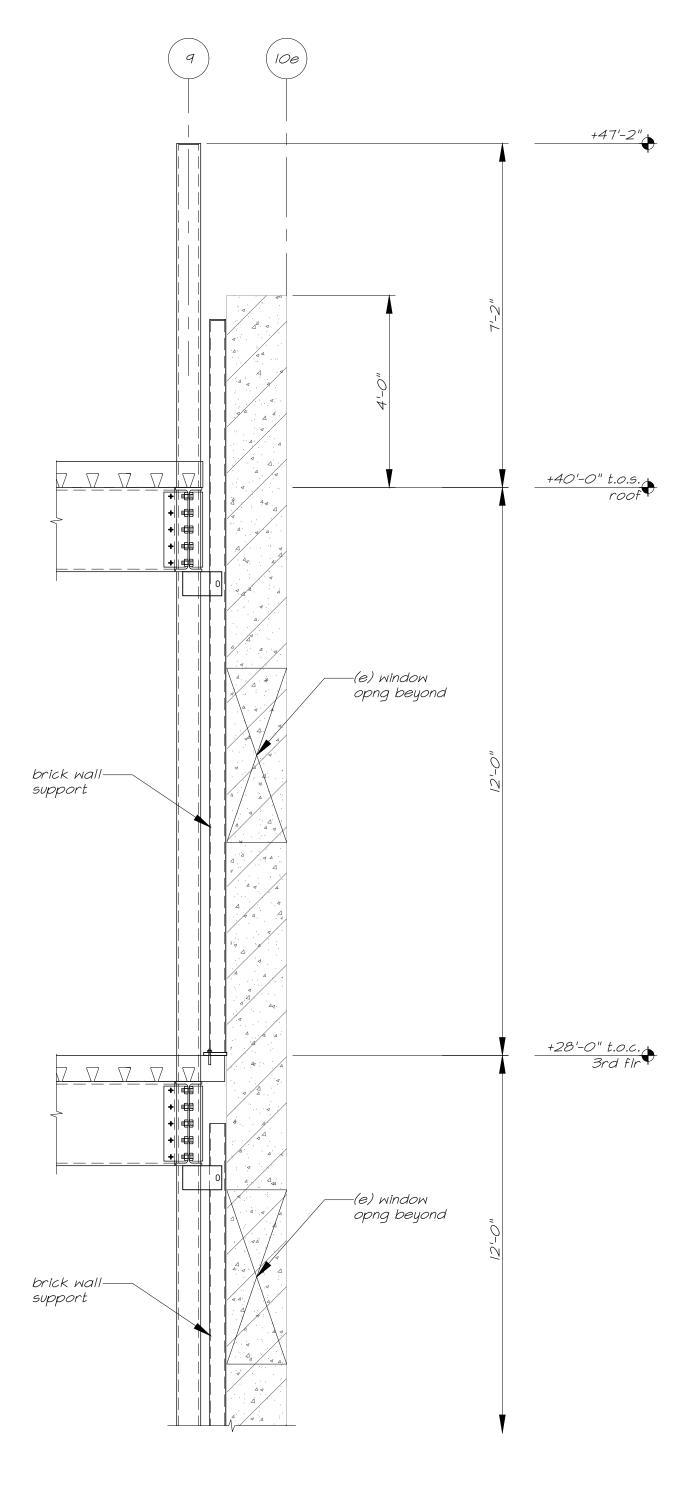
S3.6















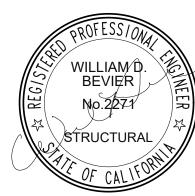
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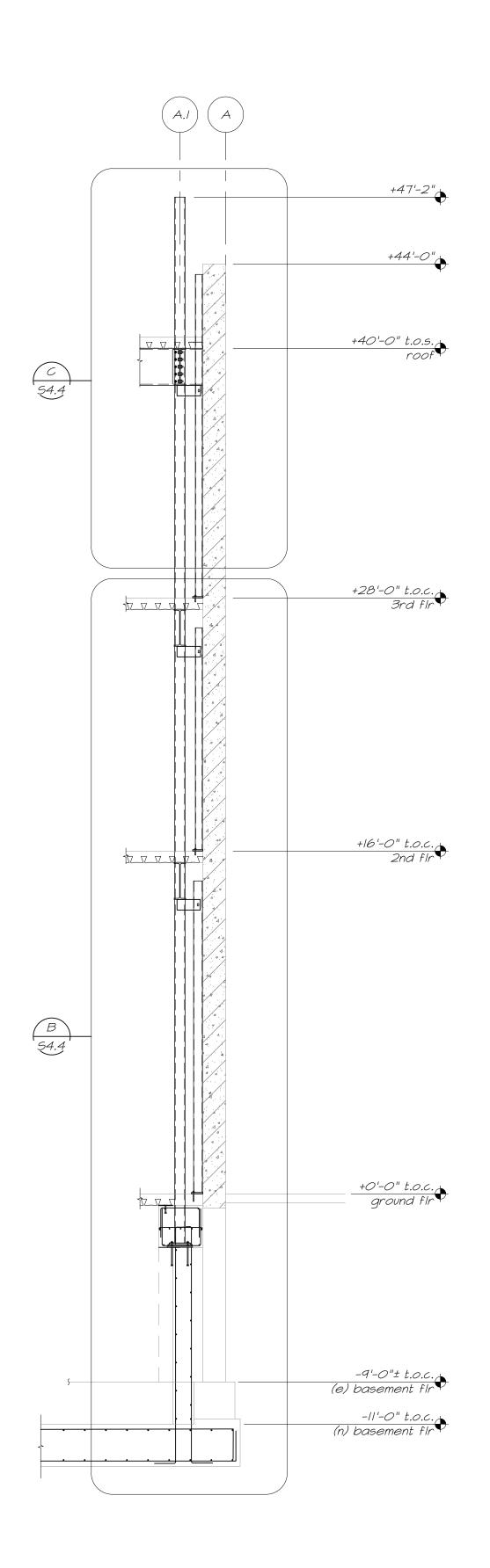
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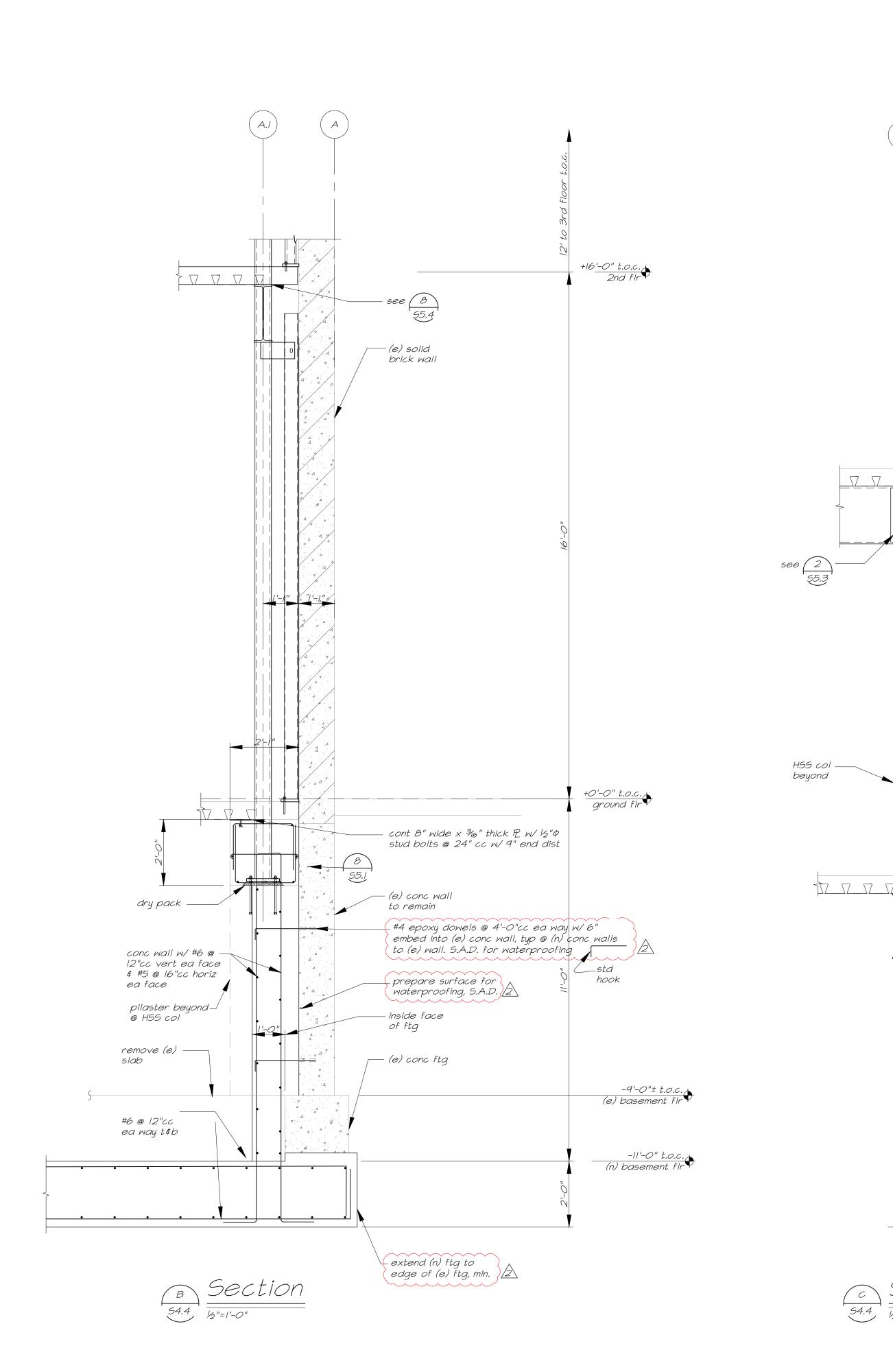
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Bid Addenda #4

S4.1









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+28'-0" t.o.c.

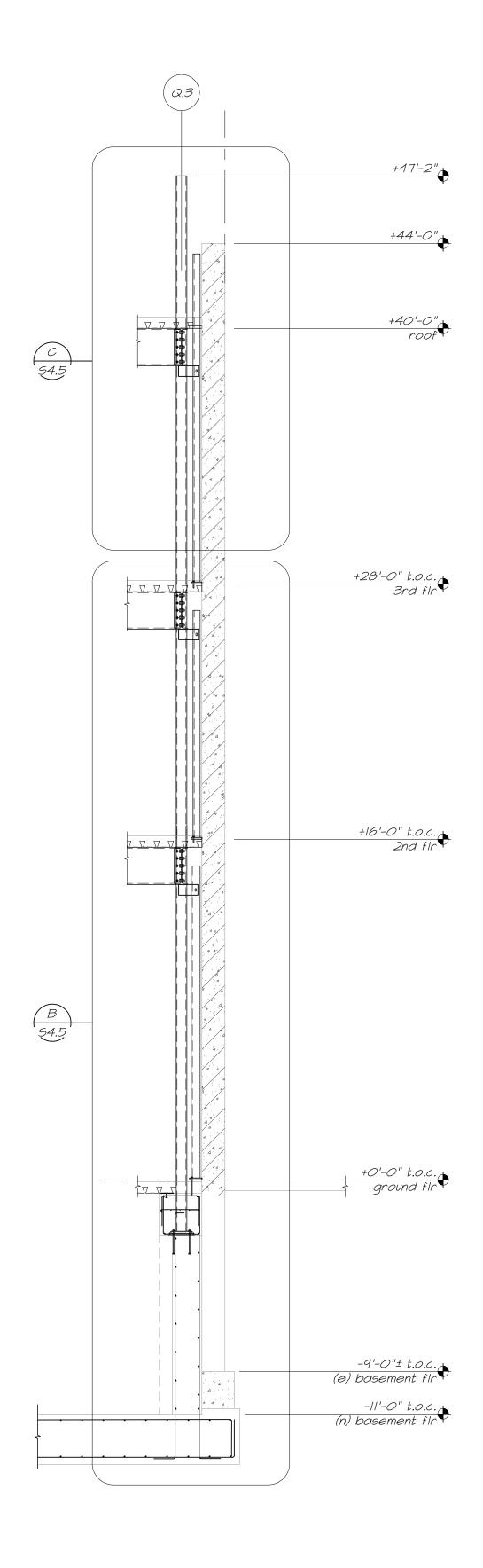
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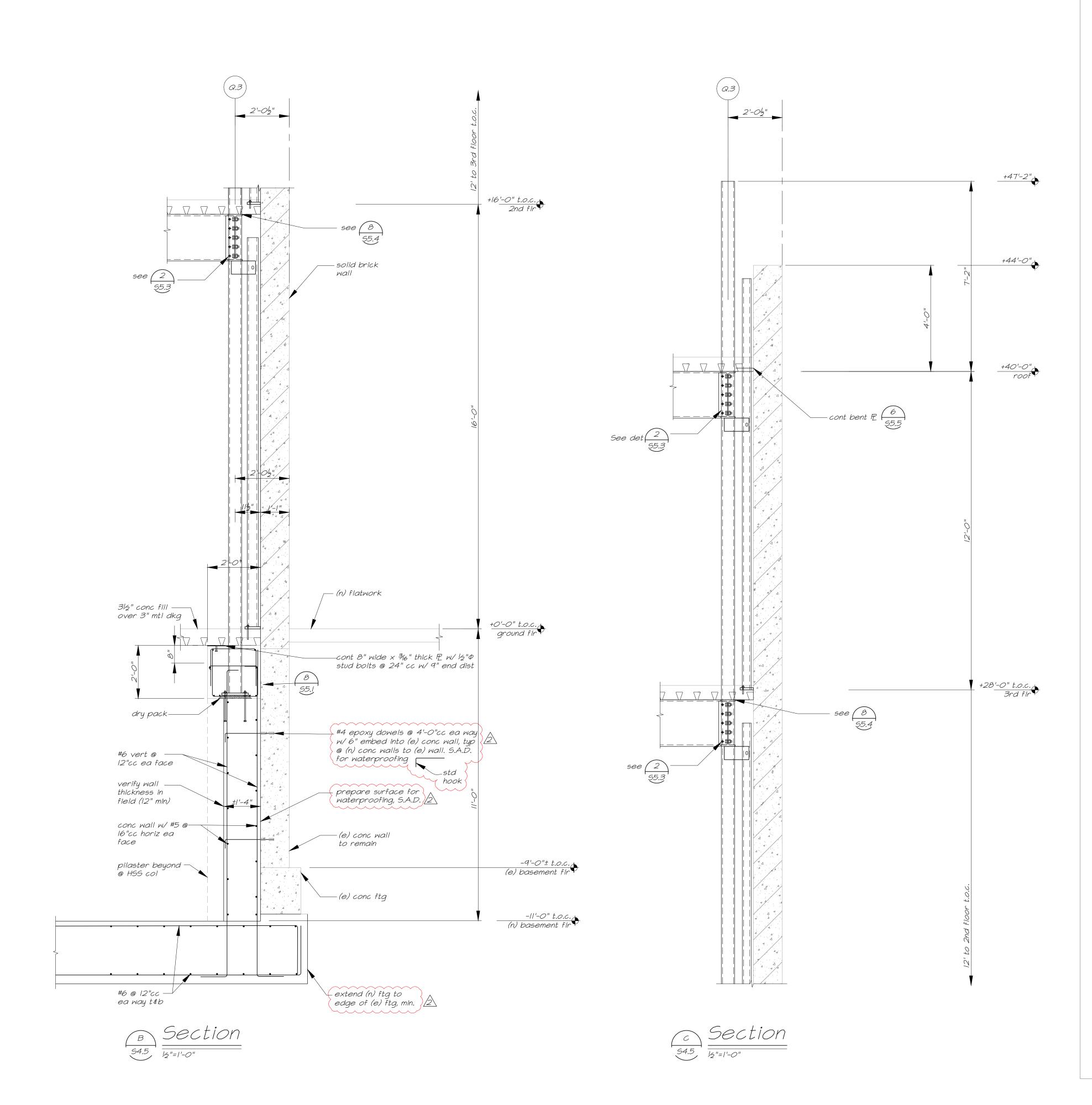
SECTIONS

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S4.4









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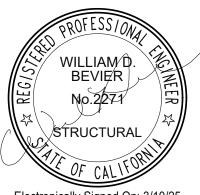
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STRUCTURAL ENGINEERING, INC.

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Bevier Job No:23011



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## CODESTACK ACADEMY

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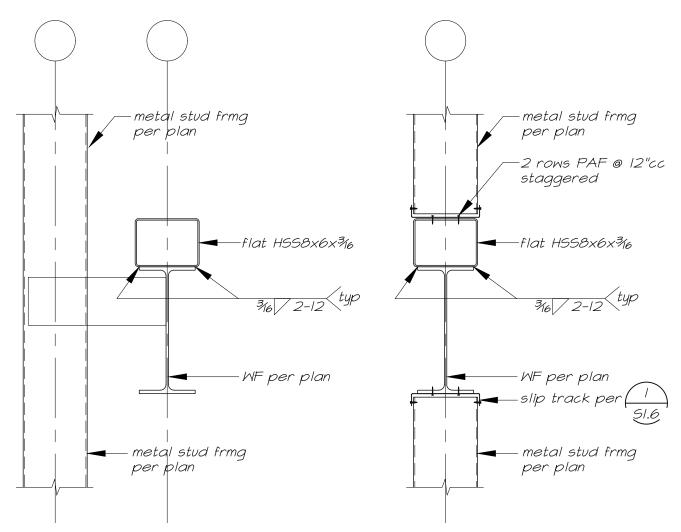
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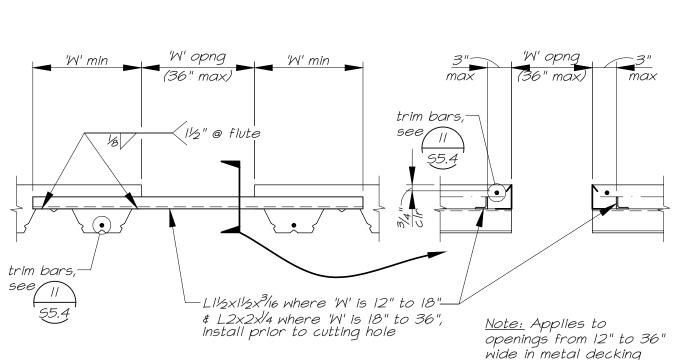
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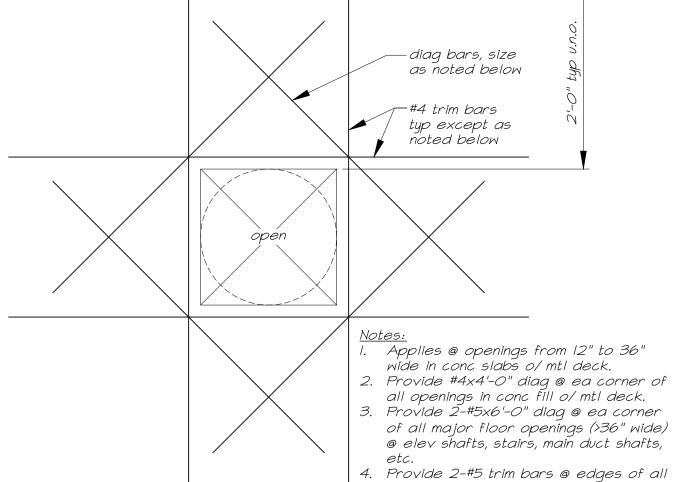
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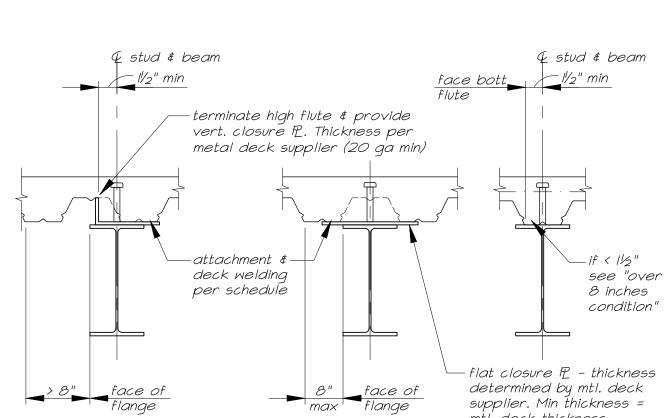
SECTIONS

S4.5

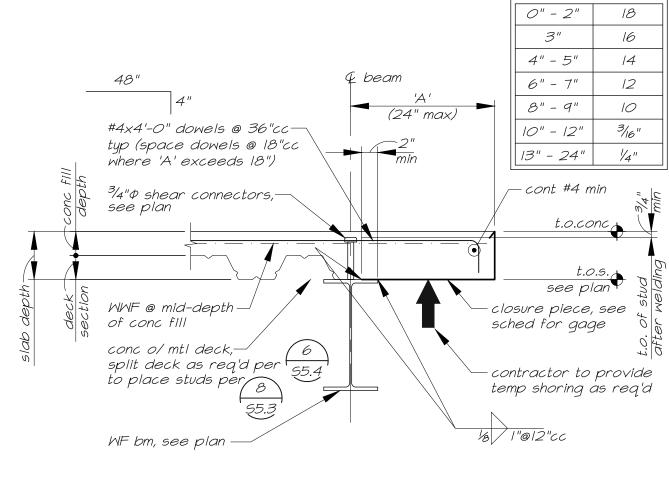


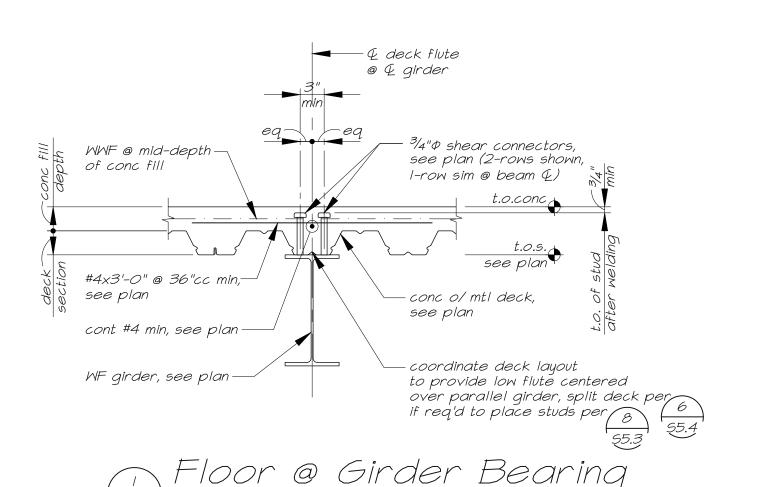












Deck Fastening Schedule

Laps

#12 @ 24"cc

#12 @ 24"cc

No. fasteners

per sheet

PAF @ 12"cc VSC2 @ 24"cc

VSC2 @ 24"cc

Supports

P.W. @ 12"cc

PAF @ 12"cc

#12 @ 12"cc

Perpendicular

Supports

4 P.W.

per sheet

4 PAF's

per sheet

4 PAF's

per sheet

2. PAF = Hilti Powder Actuated Fastener. See PAF notes on sheet SI.1

VSC2 = side lap connection w/ Verco PunchLok II system, (or ASC

3. Metal decking shall be Verco or ASC, of type and gauge shown on

5. No conduit or non-structural items may be placed in concrete over

Metal Deck Fastener Patterns

Profile

7. At composite floor decks,  $\frac{3}{4}$ " $\Phi$  shear studs may be substituted for

8. 2" minimum bearing required @ all perpendicular supports.

4- #12 screws

per sheet

Depth #

Gauge

3½"x18 ga

1. P.W. =  $I''\Phi$  (visible size) puddle weld

Delta Grip system, or approved equal).

plans and fastened as shown above.

4. See below for typical fastener patterns.

6. Deck shall be 2-span minimum, typical. uno

Type

3.5D-24

<sup>E</sup>ormLok (floor) 3.5D-24 deck

(roof)

B deck

B deck

(stair landing)

metal deck.

Type

3.5D-24 deck

(roof)

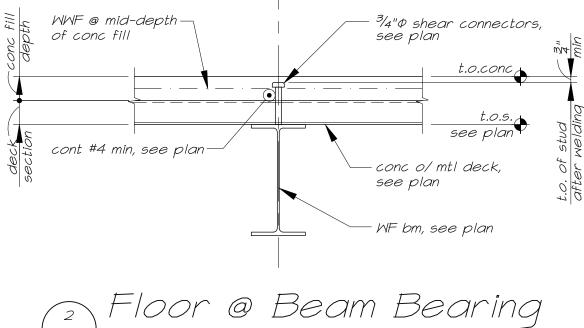
3.5D-24 deck

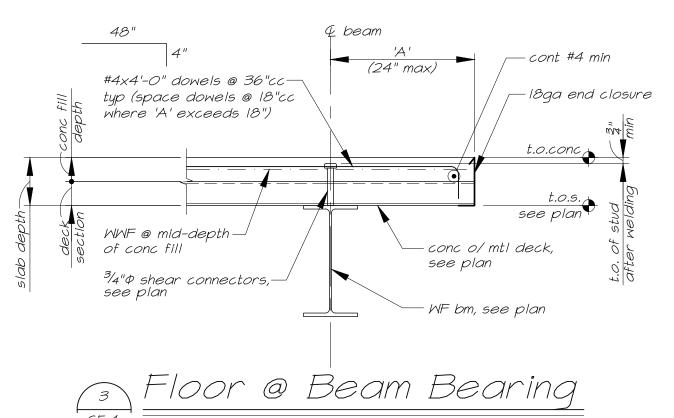
(floor)

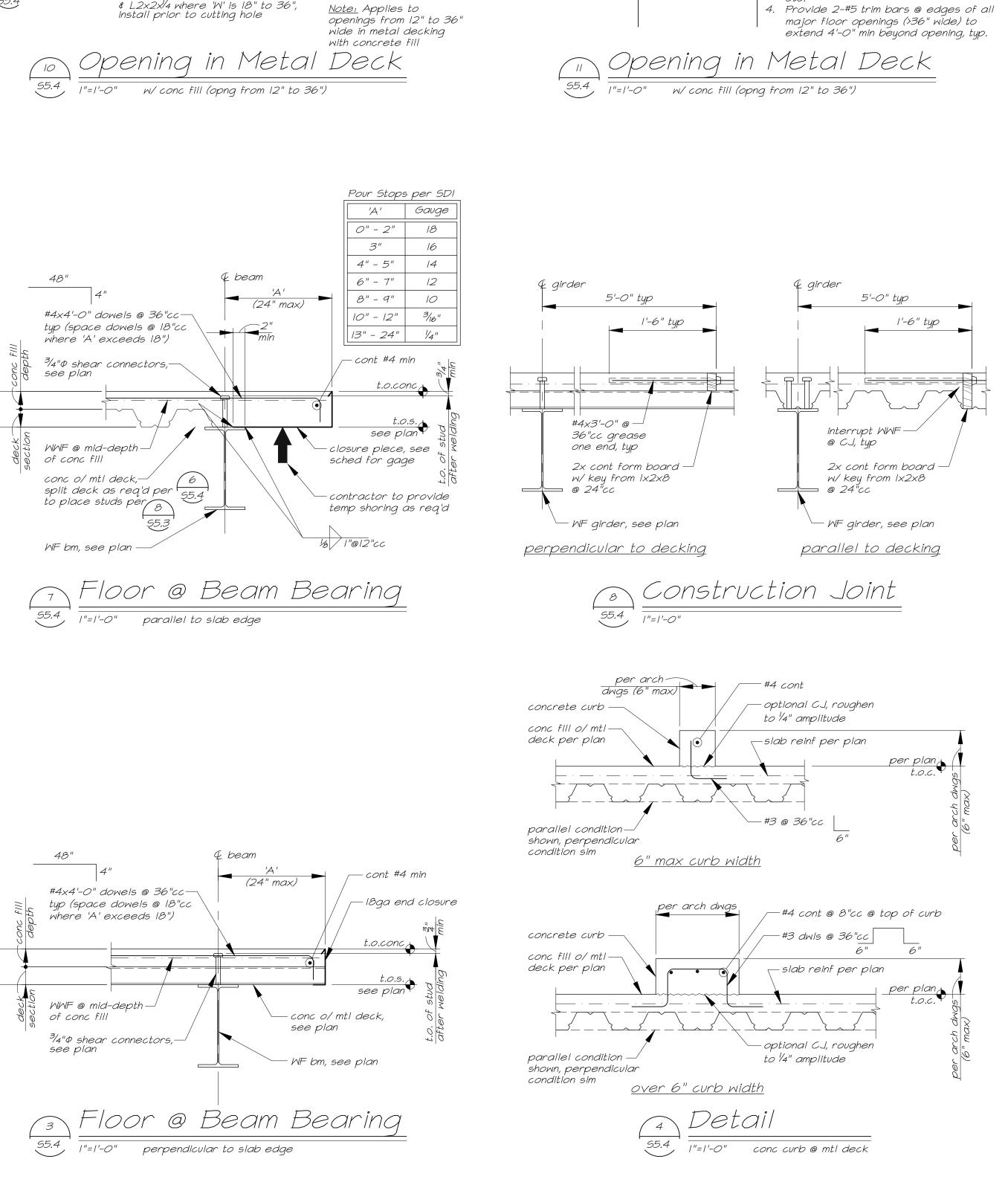
B deck (stair landing \$

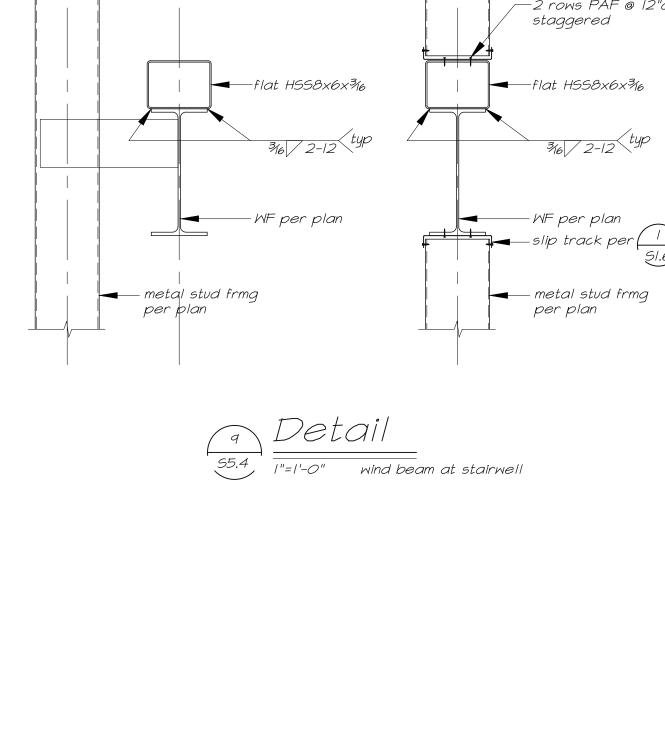
trash enclosure)

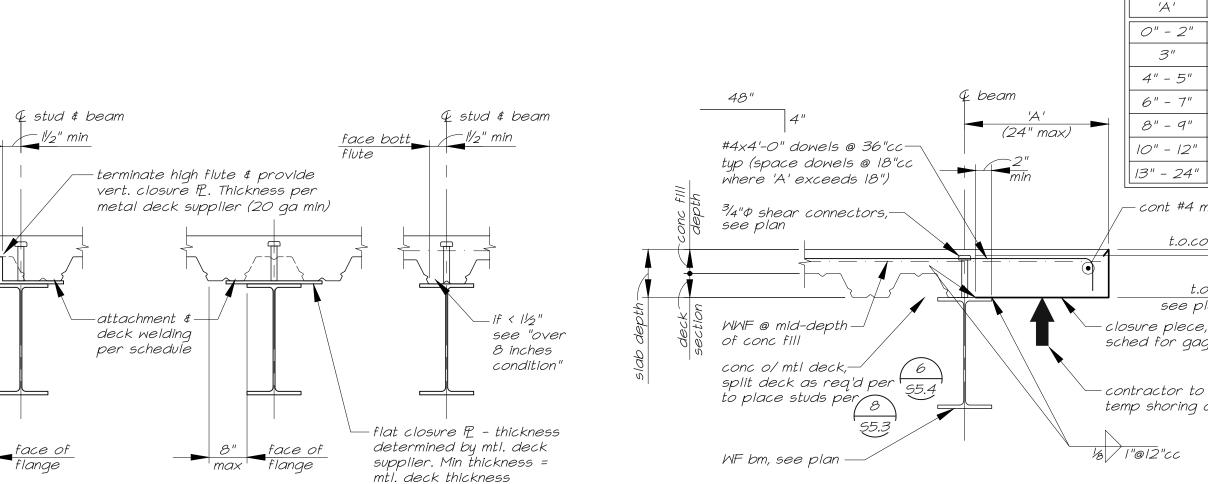
(trash enclosure)



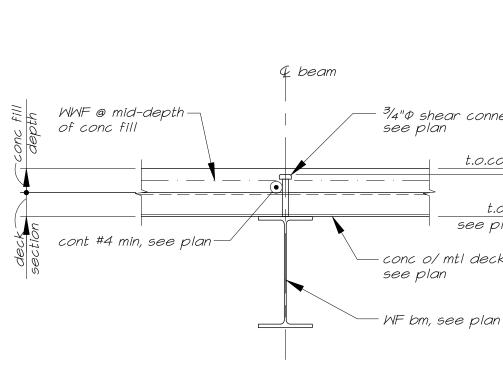
















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WILLIAM∕Ď.

BEVIĘ∕R

No.2271

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**ACADEMY** 

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SAN JOAQUIN COUNTY

OFFICE OF EDUCATION

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Bid Addenda #4

PROJECT NO: BSE 23011

DRAWN BY: TB, JRW, MC

ISSUE DATE: 03.07.25

**DETAILS** 

ISSUE SET: BID ADDENDUM SET

03.07.2025

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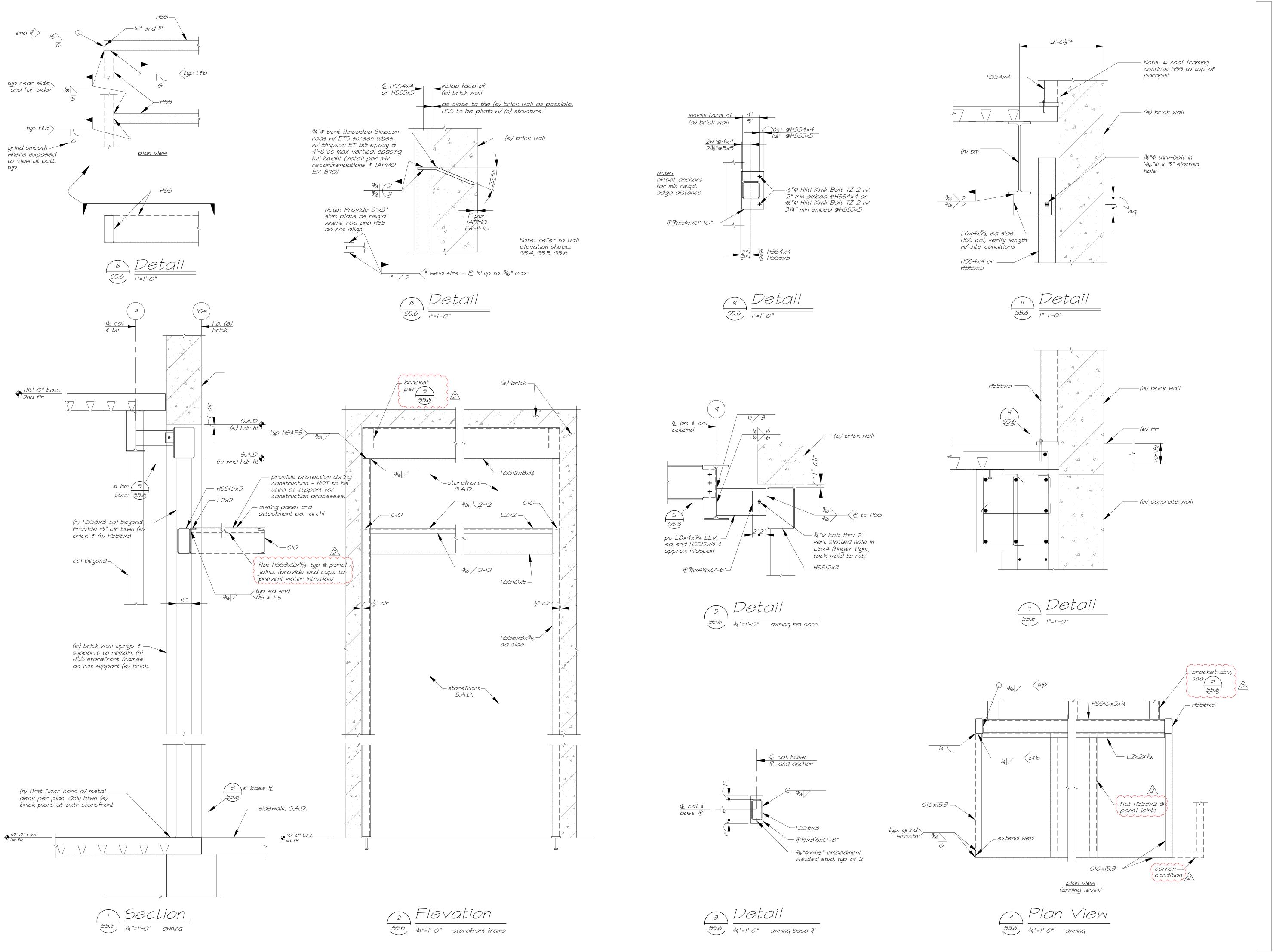
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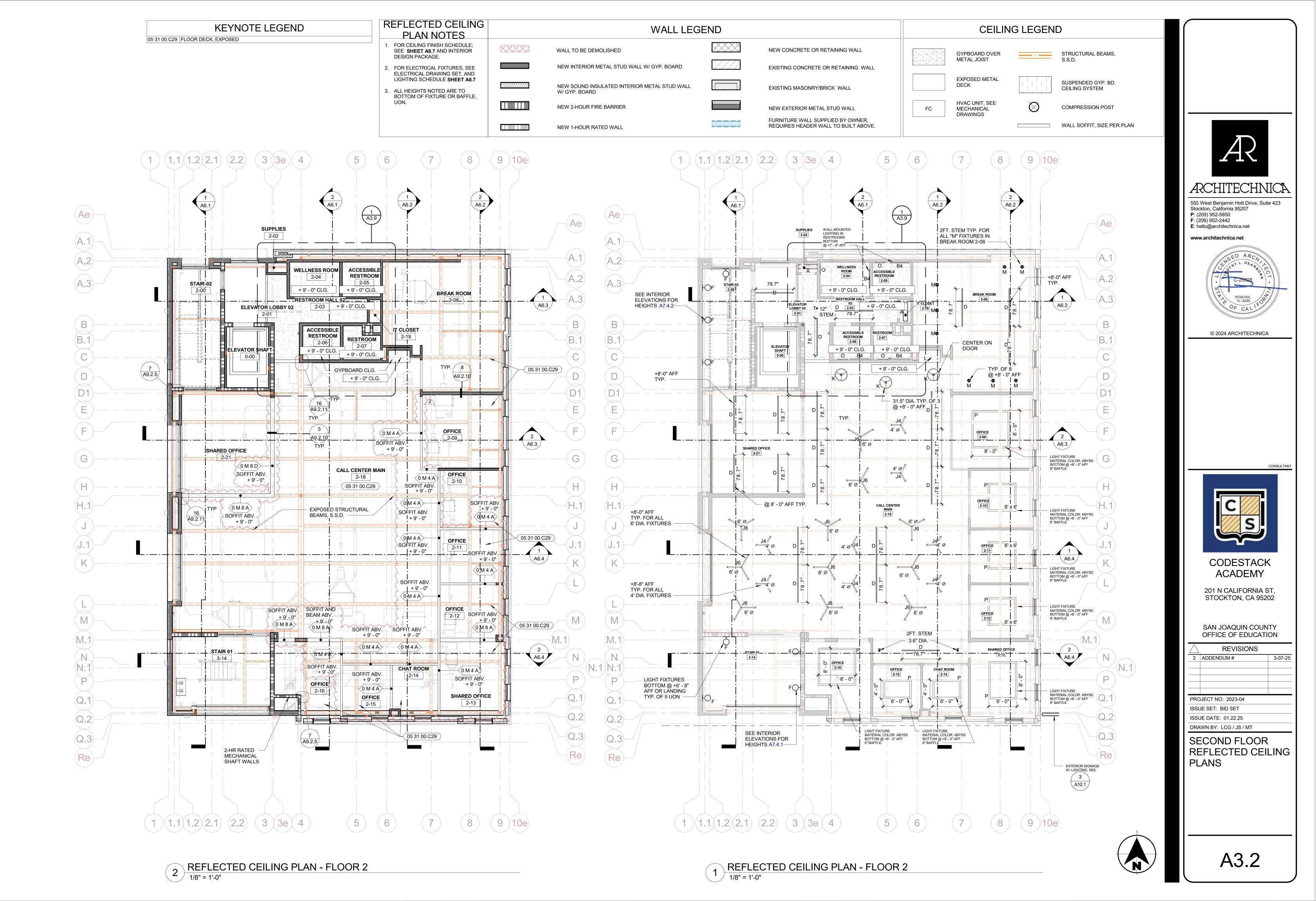
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**DETAILS** 

S5.6



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