



ARCHITECTURE ENGINEERING PLANNING INTERIORS

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South El Monte High School Modernization

El Monte Unified High School District

Addendum 2

Project Reference: South El Monte High School Modernization Date: 11/18/2022

DLR Group Project 75-20225-00 DSA Application # 03 – 1222081

Submitted By: Hernan Chavez, Project Manager

To: Prospective Bidders

Attention: Cost Estimator

This Addendum forms a part of the Contract Documents and modifies the original documents approved by the Division of the State Architect (DSA) on September 21, 2022. The following changes, deletions, additions and/or alterations in, on and to the documents shall apply to proposals made for the execution of the various parts of the work affected thereby. All clouded revisions on any attached Addendum documents shall be fully made a part of the contract documents and compliment what is being listed in the Addendum narrative.

Careful note of this addendum shall be taken by all parties of interest so that the proper allowance may be made in all computations, estimates, and contracts, and all trades affected shall be fully advised in the performance of the work which will be required of them.

Acknowledge receipt of this addendum in the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

ITEM DESCRIPTION:

2.0 ADDENDUM 2 – SCOPE OF WORK ASSIGNMENT

2.1. Refer to the attached Addendum 2 scope of work assignments.

PROJECT MANUAL AND TECHNICAL SPECIFICATIONS

2.2. The following REVISED specification sections are hereby issued – remove and replace existing in their entirety:

2.2.1. 11 61 19 THEATRICAL LIGHTING CONTROL SYSTEM

2.2.2. 23 09 00 BUILDING MANAGEMENT AND CONTROL SYSTEMS

2.2.2.1. Mechanical systems shall be tied into existing Carrier i-Vu controls as indicated in contract documents. Provide new controls to new air conditioning units, boilers and exhaust fans and tie into existing Carrier i-Vu control system. Reconnect controls to replacement towers.

2.2.2.2. See revised drawing M0.05 Mechanical Piping and Controls diagrams.

2.2.2.3. Replace all disabled motorized dampers at OSA/Exhaust louvers at WSHP's with backdraft dampers. Backdraft Dampers (BDD) shall be the same size as the duct connection.

2.3. The following NEW specification sections are hereby issued:

2.3.1. 32 31 19 – ORNAMENTAL METAL FENCES AND GATES

DRAWINGS

2.4. The following REVISED drawings are hereby issued – remove and replace the previous sheets in their entirety:

C1.1	C1.2	C1.3	C1.4	C1.5	C2.1
CP1.10	CP1.11	AS1.1	AS1.2	AS1.4	AD1.A1
A1.A1	A4.A1	AD1.B1	AD3.B1	A1.B1	A1.B2
A2.B1	A3.B1	A4.B1	AD1.C1	AD1.D1	AD1.E1
A1.C1	A1.D2	A1.E2	A2.C1	A4.D1	A4.E1
AD1.G1	A1.G1	A1.G2	A4.G1	A4.H1	A4.J1
A1.K1	A1.K2	A3.K1	A4.K1	AD1.L1	AD3.L1
A1.L1	A4.L1	AD1.M1	AD1.M2	AD1.M3	AD3.M2
A1.M1	A1.M2	A1.M3	A2.M1	A3.M2	A4.M1
A8.2	A8.3	A8.5	A10.1	A10.C3	A10.K1
A11.1	A11.2	A11.3	A11.5	A12.2	A12.6
A14.B1	A14.C1	A14.D1	A14.K1	A14.L1	A14.M1
A14.M2	S5.1	M0.05	M2.B1	P0.02	PD2.G1
P2.G1	E0.02	E0.03	E0.04	E0.05	ED2.A1
E2.A2	E2.B1	E2.B2	E2.B3	E2.B4	E2.C3
E2.D3	E2.E1	E2.E3	ED2.G1	E2.G1	E2.K3
E2.L3	E2.M1	E3.00	QT0.01	QT4.1	QT5.31

2.5. EXPERIMENTAL GRAPHICS PRICING SET – Refer to the attached XGD pricing set for custom graphics and signage to be provided throughout the campus.

Sincerely,
Jesse Miller, AIA, Assoc. DBIA
DLR Group

Cc:
Norma Macias, Director of Facilities, Maintenance, Operations & Transportation – El Monte Union High School District
Mike Arnold - Erickson Hall
Jorge Cruz – Erickson Hall
Cecilia Galaviz – Erickson Hall

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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:
- B. Theatrical lighting control system
 1. Feed-through relay panels, as indicated on drawings
 2. Ethernet control distribution system with Ethernet taps, network switches, and patch bays, and with interface to architectural control processor
 3. DMX-512 control distribution system and Ethernet-to-DMX gateways
 4. Rack and panel enclosures for equipment
 5. Stage lighting control console and accessories
- C. Architectural lighting control system
 1. Lighting control network processor with interfaces to building automation system, fire alarm system, and related input/output interfaces
 2. Pushbutton and touch-screen architectural lighting control stations
 3. Occupancy / vacancy sensors and daylight sensors
 4. UL924 DMX Bypass controllers
- D. It shall be the responsibility of the Lighting Control System Manufacturer to furnish equipment complete in all respects and to provide any additional equipment required to fulfill the intent of these drawings and specifications regardless of whether or not such items are herein specified or indicated.

1.3 MANUFACTURING STANDARDS

- A. All work shall be manufactured in accordance with the Division 26 specifications, the latest editions of applicable publications, and standards of the following organizations:
 1. National Electric Code (NEC) and all prevailing local and state regulations including:
 - a. ANSI/NFPA 70: National Electrical Code
 2. Entertainment Services and Technology Association (ESTA) including:
 - a. ANSI/ESTA E1.3-2001(R2016): Lighting Control Systems – 0-10V Analog Control Specification
 - b. ANSI/ESTA E1.11-2008 (R2018): USITT DMX512-A
 - c. ANSI/ESTA E1.17-2015: Architecture for Control Networks (ACN)
 - d. ANSI/ESTA I E1.20-2010: Remote Device Management over USITT DMX512
 - e. ANSI/ESTA E1.27-1-2006 (R2016): Portable Control Cables for DMX512
 - f. ANSI/ESTA E1.27-2-2009 (R2014): Permanently Installed Control Cables for DMX512

- g. ANSI/ESTA E1.31-2018: ACN transport of DMX-512
3. Occupational Safety & Health Act (OSHA)

1.4 SUBMITTALS

- A. Lighting Control System Manufacturer shall prepare and submit complete shop drawings according to the requirements set forth in the Contract Documents.
- B. Product Data Sheets
 1. For Manufacturer standard panels, enclosures, modules, devices, and other equipment, with options and other variables clearly noted on data sheets.
- C. Shop Drawings
 1. Shop drawings shall be reviewed by the Architect before fabrication shall begin.
 - a. Such review does not relieve the Lighting Control System Manufacturer of the responsibility of providing equipment in accordance with this Specification.
 2. Shop drawings shall show optical or transformer isolation of all control data lines between dimmer racks, panels, and architectural lighting processor.
 3. Shop drawings shall show materials, finishes, metal gauges, overall and detail dimensions, sizes, electrical and mechanical connections, fasteners, welds, provisions for the work of others, and similar information.
 4. Shop drawings shall indicate complete details of equipment, including manufacturer's catalog numbers for components, and shall include complete wiring diagrams. Confirm weight for each device to show conformance with drawings.
 5. Any deviation from this Specification shall be "starred" and noted in letters a minimum 1/4" high.
 - a. In order for a deviation to be considered, it shall upgrade the quality of the equipment or respond to a field condition.
 6. The reviewed shop drawings shall be updated to show any changes made during manufacturing and assembly and shall be sent to the Architect before the equipment is delivered.
- D. Lighting Control System Manufacturer shall provide installation instructions for all equipment. These instructions shall include connection diagrams, termination designations, etc.
- E. Coordination Drawings:
 1. Submit evidence that lighting controls are compatible with connected monitoring and control devices and systems specified in other Sections.
 - a. Show interconnecting signal and control wiring and interfacing devices that prove compatibility of inputs and outputs.
 - b. For networked controls, list network protocols and provide statements from manufacturers that input and output devices meet interoperability requirements of the network protocol.
 - c. Coordinate zoning and fixture addressing with Electrical Contractor. Provide fixture address list for all architectural lighting fixtures controlled by system. Electrical Contractor to provide control riser for architectural lighting layout for review and coordination based on wire runs.
- F. After the installation is complete, the Lighting Control System Manufacturer shall provide the Owner with Operations and Maintenance Manuals not more than fourteen (14) days after the checkout is completed.
 1. One (1) O&M manual shall be a printed "hard" copy and O&M manual shall also be provided in electronic format on two (2) flash drives.

2. Each O&M manual shall include, but not be limited to, the following:
 - a. Copies of all "record" shop drawings.
 - b. Detailed panel schedules and architectural fixture addresses / patch information.
 - c. Catalog cuts of all equipment provided.
 - d. Recommendations for periodic maintenance.
 - e. Catalog numbers and manufacturer's names and addresses for perishable items such as pilot lamps and fuses.
 - f. Diagnostic procedures.
 - g. Internet address for online access to manuals, product literature and troubleshooting guides.
 - h. Emergency and normal repair telephone contact sheet for 7-day, 24-hour service.
3. Lighting Control System Manufacturer shall provide the Owner with three (3) instruction manuals for each control console type.
 - a. Instruction manual shall be supplied to the Owner's Representative on the day of the Lighting Control System checkout.
 - b. Instruction manuals may be requested by the Owner's Representative at a date prior to the system checkout.

1.5 SYSTEM INTEGRATORS

- A. System Integrator shall be responsible for scope outlined in this Specification and for the following related Specification sections:
 1. 116113 – Theatrical Lighting Fixtures and Accessories
 2. 116116 – Theatrical Wiring Devices
- B. System Integrator must have minimum five (5) years' experience with supply, installation, commissioning, and integration of theatrical and architectural lighting control systems. System Integrator must have at least ten (10) recent projects of similar scope and characteristics to those specified herein.
- C. System integrator shall be responsible for furnishing factory authorized personnel for system startup, programming, commissioning, and Owner training.
 1. System Integrators for the Work of this Section include:
 - a. Holzmuller Corporation – San Francisco, CA – 415-826-8383
 - b. **LVH Entertainment Systems, Los Angeles, CA - 805-278-4584**
 - c. Musson Theatrical Inc. – Santa Clara, CA – 408-986-0210
 - d. Sacramento Theatrical Lighting – Sacramento, CA – 916-447-3258

1.6 PROJECT CONDITIONS

- A. Do not install equipment until following conditions can be maintained in spaces to receive equipment:
 1. Ambient temperature: 0 degrees to 40 degrees C (32 degrees to 104 degrees F).
 2. Relative humidity: Maximum 90 percent, non-condensing.
 3. Lighting Control System must be protected from dust during installation.

1.7 COORDINATION

- A. Coordinate lighting control components to form an integrated interconnection of compatible components.

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1. Match components and interconnections for optimum performance of lighting control functions.
 2. Coordinate lighting controls with BAS if applicable. Design display graphics showing building areas controlled; include the status of lighting controls in each area.
 3. Coordinate lighting controls with that in Sections specifying distribution components that are monitored or controlled by power monitoring and control equipment.
- B. Coordinate lighting control loads specified in this Section with components providing overcurrent protection as specified in Division 26 Section "Panelboards."

1.8 LABELING

- A. Ethernet Taps and DMX devices shall have Control Device Number (i.e. 'ET-5') clearly indicated with minimum 1/4" tall white on black characters on the faceplate. Label shall be centered above control port(s).
1. All faceplate labels shall be as shown on the QT-series Drawings and verified in Shop Drawings.
- B. Furnish and install removable adhesive labels for each Theatrical Control Device back box and rear of faceplate, indicating the Control Device Number (i.e. 'ET-5') and serial code to facilitate programming and commissioning.

1.9 DELIVERY

- A. The Lighting Control System Manufacturer shall coordinate delivery of all equipment with the Construction Manager and/or Electrical Contractor.
- B. If required by the Construction Manager or Electrical Contractor, equipment shall be delivered in a minimum of three (3) separate shipments that shall include:
1. Shipment #1: All items in which conduit is terminated which includes dimmer racks, panels, control station back boxes, etc.
 2. Shipment #2: All items in which wiring is terminated including control station faceplates, etc.
 3. Shipment #3: All items that are not required until system activation by the Lighting Control System Manufacturer's field service representative. This shall include dimmer modules, electronics modules, control consoles, gateways, monitors, cables, etc.
- C. Lighting Control System Manufacturer shall deliver all material to the job site suitably crated, packed, and protected, and bearing the manufacturer's identification label and the nomenclature of the product(s) found in each carton or crate.
- D. If, through no fault of the Owner, the timely completion of the work of this Section is imperiled, the Lighting Control System Manufacturer shall prevent or minimize any delay by shipping the required product to the job site by air freight, at no additional cost to the Owner.
- E. Bid price shall include full freight and insurance charges for all items to the job site.

1.10 QUALITY ASSURANCE

- A. Manufacturer: Minimum 10 years' experience in manufacture of architectural and theatrical lighting controls.
- B. Manufacturer's Quality System: Registered to ISO 9001:2000 Quality Standard, including in-house engineering for product design activities.
- C. Source Limitations: Obtain lighting control and power distribution components through one source from a single manufacturer wherever possible. All components shall be furnished by the Integrator regardless of source.
- D. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- E. Comply with 47 CFR, Subparts A and B, for Class A digital devices.
- F. Comply with NFPA 70.

1.11 SOFTWARE SERVICE AGREEMENT

- A. Technical Support: Beginning with Substantial Completion, provide software support for two (2) years. Support shall include 24-hour telephone support with guaranteed callback time of less than one hour.
- B. Upgrade Service: Update software and firmware to latest version at Project completion. Install and program software upgrades that become available within two (2) years from date of Substantial Completion. Upgrading of software shall include operating systems where applicable. Upgrade shall include new or revised licenses for use of the software.
 - 1. Provide 30-day notice to Owner to allow scheduling and access to system and to allow Owner to upgrade computer equipment, if necessary.

1.12 WARRANTY

- A. Lighting Control System Manufacturer agrees to make all repairs, including replacement of components and parts, made necessary due to defects in design, workmanship, and materials without additional cost to the Owner for a period of two (2) years from the date of acceptance of the completed system.
- B. In the event of a system failure during the warranty period, manufacturer agrees to send to the job the necessary field service technician(s) within twenty-four (24) hours of notification.
 - 1. Technician(s) shall remain on the job until all necessary repairs have been made and the system is operational to the satisfaction of the Owner.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis of Design

1. Subject to compliance with these specifications, the design basis networked lighting control system is Paradigm Control as manufactured by Electronic Theatre Controls of Middleton, Wisconsin. Contact:
 - a. Randy Pybas, Western Sales Manager – ETC
 - 1) 323-461-0216
 - 2) Randy.pybas@etconnect.com
2. Basis of design for other system components includes:
 - a. Network Switches
 - 1) GigaCore 14R as manufactured by Luminex Network Intelligence of Hechtel-Eksel, Belgium.
 - b. Rack UPS units
 - 1) 5P1500R series from Eaton Corporation of Cleveland, OH

B. Equal Manufacturers

1. Subject to Division 01 Specifications, other manufacturers may submit for consideration as equal to the design basis manufacturer products. Submittals for consideration must show conformance to project Specifications and system design requirements.
2. Final determination of suitability shall be at the discretion of the Specifier.
3. Manufacturers pre-approved to bid subject to the above requirements and to this Specification include the following:
 - a. Philips Strand Lighting of Dallas, TX.
 - 1) Contact: Leonard Miller, North American Sales Manager
 - 2) 214 647 7985 – leonard.miller@philips.com
 - b. American Power Conversion, Inc. – Kingston, RI (Rack UPS)

2.2 LIGHTING CONTROL RELAY PANELS (LRP-##)

A. General:

1. Each relay panel shall consist of up to (48) network-controlled relays. System shall be UL listed and labeled.
2. Relays shall be configured for single or dual pole load control as scheduled.
3. Relays shall be remotely operated by network communication link.
4. Relay panel shall have the capability to act as a standalone lighting control system with the following capabilities:
 - a. Internal Astronomical Time Clock for programmed events.
 - b. Accepts input from external button stations for recall of presets.
 - c. Signal arbitration to prioritize inputs by source (sACN, DMX, Preset Stations, Time Clock, etc).
 - d. Configurable loss-of-signal behavior including 'hold last look' and 'activate preset'.
5. Relay panel shall be equipped with UL924 rated input for triggering emergency 'panic' preset.
6. USB port for upload of configuration files and firmware updates.

B. Physical:

1. Cabinets and Enclosures: NEMA 1 enclosure sized to accept required relays. Surface mounted cover as required with captive screws in a hinged, lockable configuration.
2. Interior: Interiors shall be provided with installed and tested relays and interface modules.

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3. Panel side-mount enclosure shall provide low voltage control interface between network and relays, compliant with partitioning requirements for separation of line and low voltage.
4. Provide physical separators between relays fed by 120V and 277V circuits, as well as between relays fed by Normal and Emergency circuits, as noted on each panel's associated Relay Panel Schedule on QT-series Drawings.

C. Electrical:

1. Relays:
 - a. Mechanically held latching relays, 20A or 30A tungsten and NEMA electronic ballast rated, as scheduled.
 - b. Rated for 50,000 ON/OFF cycles at full load.
 - c. Support #10 - #14 AWG solid or stranded wire.
 - d. 120V and 277V rated.
 - e. FCC approved for commercial use.

D. Control Electronics:

1. Control electronics shall be integral to the panel side enclosure, providing network and user interface for individual control of relays in panelboard.
2. Configuration of network addressing shall be by means of digital graphical display interface or by network port. Status LEDs shall indicate presence of Power and DMX signal.
3. Control and communication signals shall be accommodated by means of system network and DMX512 interfaces.
 - a. The system network interface shall serve as primary integrating means between the rack electronics and the lighting control network, and shall also support remote configuration, file storage, playback, and monitoring capabilities from other devices on the network.
 - b. There shall be at least one (1) optically isolated DMX512 input and one (1) optically isolated DMX512 output per panel.
4. Furnish ride-through power supply to permit electronics to remain energized during short duration loss of power, such as during transfer to backup generator.
5. Furnish 0-10v control interface card in each panel.

E. Basis of Design

1. Basis of Design for Lighting Control Relay Panels shall be:
 - a. Echo Feedthrough, as manufactured by Electronic Theatre Controls

2.4 LIGHTING CONTROL NETWORK AND INTERFACE

A. General

1. Furnish and install a complete lighting control network system, capable of supporting the specified dimming racks, lighting control panelboards and relay panels, stage lighting control console, architectural control stations, time and calendar schedules, and related network devices indicated on the drawings and in this Specification.
2. The network shall use category 5e Ethernet distribution to communicate between control consoles, dimmer racks, nodes, and computers.
3. Manufacturer specified wiring and topology shall be used to communicate with control stations, sensor devices and relay panels.

B. Network Components

1. Control processors

- a. Furnish architectural processor as required to interface dimmer rack, lighting control relay panels, control stations, sensors, system I/O contacts, and any appurtenant devices or equipment required for system to function fully as intended. Processor shall provide necessary programming interface for setup and configuration of system and system components.
- b. Furnish a second backup processor, which shall be configured as a redundant standby to the primary processor.
2. Ethernet switches and patch bays
 - a. Switches shall have integral Power over Ethernet (PoE) following IEEE 802.3 standard.
 - b. Furnish 10/100 Ethernet switches with port quantity as required for system, plus 25% spare for future expansion at each rack location.
 - c. Patch bays in port quantities as required for devices in system, plus 25% spare for future expansion at each rack location.
3. DMX signal splitters
 - a. ANSI/USITT E1.1-2008 compliant DMX512 opto-isolating splitters, in quantity and configuration of inputs and outputs as required for system.
 - b. All DMX signal cables terminating at the splitter location shall be outfitted with 5-pin XLR connectors or RJ45 connectors as necessary to permit user patching where required. This includes signals to DMX node receptacles, dimmers, and relay panels.
4. Equipment racks
 - a. Wall or floor mounted 19" equipment racks with mounting rails, hinged locking door, and sized to accommodate all required processing equipment including that indicated above. Furnish in quantities shown on drawings plus any additional required for complete system.
 - b. Each rack shall have minimum of one four-space contiguous blank section with cover plate for future equipment addition.
 - c. Each rack shall be furnished with a three-space pull out drawer for storage of manuals, patch cabling, and user notes.
 - d. Racks shall be Middle Atlantic EWR series or equal.
 - e. Coordinate electrical power connections for rack contents.
5. Ethernet cabling
 - a. Ethernet cabling used in theatrical lighting control network shall have the following properties:
 - 1) Comply with NEMA WC-63.1 Category 5e, UL verified.
 - 2) Comply with TIA 568.C.2.
 - 3) Outer jacket shall be PURPLE in color.
 - b. Furnish and install RJ45 category 5 patch cables as necessary to fully patch between all network switch ports and patch bay ports in each rack location, plus 20% spares.
 - c. Furnish additional RJ45 category 5 patch cables to allow connection of distributed Ethernet taps to portable Ethernet-to-DMX gateways in the performance spaces. Refer to Theatrical Lighting Fixtures and Accessories Schedule on sheet QT5.06 for lengths and quantities to be furnished.
6. DMX network cabling
 - a. Furnish and install 5-pin XLR M/F DMX jumper patch cables as necessary to fully patch between all DMX-512 splitter ports and DMX patch points, racks, or other DMX devices at equipment racks.
 - b. Furnish additional 5-pin XLR M/F DMX jumper cables to allow connection of DMX node devices to portable dimmer bars, luminaires, and other devices in the performance spaces. Refer to Theatrical Lighting Fixtures and Accessories Schedule on sheet QT-502 for lengths and quantities to be furnished.
7. Ethernet taps

- a. Mounting type as shown on drawings
 - b. Each tap with two (2) RJ45 Ethernet connectors, discretely fed from patch panel, unless noted otherwise.
8. Ethernet-to-DMX gateways/nodes
- a. Mounting as shown on drawings, furnish with necessary hardware.
 - b. Each gateway/node with one, two, or four each 5-pin XLR connectors configurable for DMX512 input or output, or for ESTA/ANSI E1.20 two-way communication. Each connector may be addressed to discrete universes. Gateway/node universes shall be programmed to not overlap architectural lighting and wiring device universes.
 - c. Surface mount gateways/nodes shall have Ethernet wire feed from patch panel to device.
 - d. Portable gateways/nodes shall have one (1) RJ45 Ethernet connection to permit patching into any Ethernet tap shown on drawings. Each shall be outfitted with 10'-0" black category cable, black Light Source MAB mega clamp or equal aluminum pipe clamp and black safety cable.
 - e. Refer to drawings and schedules for quantity of each gateway/node type to be furnished.
9. Emergency signal overrides
- a. Furnish UL924 listed emergency signal override devices that shall drive selected DMX addresses to full output when triggered by loss of normal power or by contact closure from fire alarm control panel. Override device shall be an ETC model DEBC or equal. Quantity as necessary to serve each DMX universe and fixture group that is served from Emergency lighting branch.
 - b. Refer E-series drawings for emergency lighting requirements for architectural fixtures.
10. Input/Output devices for communication with other systems
- a. Furnish RS-232 communication interface for connection with audio-visual network.
 - b. Furnish dry contact closures configurable as input or output signals, to connect with fire alarm system, effects controls, shading systems, and future interfaces. Confirm all system contacts in shop drawings.
 - c. Furnish BACnet-over-IP interface device to permit future communication between Building Automation System and Lighting Control System.

2.5 STAGE LIGHTING CONTROL CONSOLES

- A. Black Box Theater lighting control console (LCC-1):
1. Consoles shall be the following:
 - a. Electronic Theatre Controls – Ion 20 Xe series.
 2. Consoles shall have the following minimum capabilities:
 - a. 2,048 outputs
 - b. Configurable encoders for intelligent lighting attributes
 - c. DVI monitor output
 - d. USB ports for data storage and accessory connections
 - e. Remote focus connection
 - f. Ethernet port for network connection
 - g. DMX-512 ports for at least (2) universes
 - h. Offline programming software for Macintosh or Windows.
 3. The following accessories shall be furnished with the control console:
 - a. (2) 21" multi-touch monitors with power supply and control cables.
 - b. USB keyboard and mouse.
 - c. (2) commercial grade USB flash drives for backup storage, minimum 1Gb each.
 - d. (1) 25' RJ45 Ethernet control cable for connection of console to network taps.

THEATRICAL LIGHTING CONTROL SYSTEM

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- e. (1) 50' RJ45 Ethernet control cable for connection of console to network taps.
- f. (2) 25' DMX control cables, 5-pin male XLR to 5-pin female XLR, for backup DMX connection to network DMX ports.
- g. Dust covers for console and monitors.
- h. (1) Fortress 0520-0750-RUB or equal uninterruptible power supply.
4. Furnish all power and interface devices, cabling, and accessories necessary for a fully functioning system.
5. Rolling Cart
 - a. Provide wheeled console cart with brakes, of sufficient size to hold all components related to this console.
 - b. Cart shall be of metal construction, painted black.

2.6 ARCHITECTURAL LIGHTING CONTROL STATIONS

- A. Stations shall serve as user interface to recall and manipulate common room lighting presets via the lighting control network.
- B. Pushbutton stations shall have quantity of buttons / faders as scheduled.
- C. LCD Touch-screen stations
 1. Stations shall be minimum 16-bit color with resolution of minimum 600x360.
 2. Stations shall have auto-fade with adjustable time out and shall adjust brightness proportionally to room ambient light levels.
 3. Station programming shall support up to (10) discrete screen shots configurable for preset recall, virtual faders, clock and time scheduling functions, dynamic color wheel for LED fixture color selection, and group selection and assignment.
 4. Station shall be configured with code lockout on home page.
- D. Stations shall operate on low voltage network bus as specified by Manufacturer, and shall be programmable via this network. Separate control device programming in Black Box Theater / Commons/Presentation Arena from control device programming in Broadcasting/TV Studio.

2.7 NETWORK OCCUPANCY / PHOTOCCELL SENSORS

- A. Sensors
 1. Sensor shall be low-voltage type with 24vdc normally closed contacts to permit series installation of sensors on a contact loop home-run to lighting control network panel. Refer Electrical for device locations and quantities.
 2. Sensors shall be powered by a power supply transformer approved by Manufacturer, with class 2 output not to exceed 24vdc and 1A current. Supply shall be located in accessible area near sensors, and fed from unswitched power source.
 3. Sensors shall be PIR passive infrared type, with rectangular corridor coverage pattern and sensitivity to half-step walking motion at minimum 25 foot distance from sensor. Sensor shall detect 6-inch movement of any portion of a body presenting a target of at least 48 square inches to the sensor at this distance.
 4. Sensors shall be mounted on junction box at elevation shown on drawings. Orient sensor head to provide maximum coverage of corridor.
 5. Coordinate sensor placement to avoid false detection from supply air diffusers in vicinity.
 6. Mask sensors as necessary to avoid nuisance detection from adjacent areas when doors are left open.
 7. Provide timed override for sensors at LCD Touch-screen architectural master stations so sensors do not activate lighting functions during performances. Override shall time out

after number of hours to be determined by Owner during programming in the event user does not restore override after performance ends.

PART 3 - EXECUTION

3.1 EXECUTION

- A. Verify that surfaces are ready to receive work.
- B. Verify field dimensions and coordinate physical size of all equipment with the architectural requirements of the spaces into which they are to be installed. Allow space for adequate ventilation and circulation of air.
- C. Verify that required utilities are available, in proper location, and ready for use.
- D. Beginning of installation means installer accepts existing conditions.
- E. Install in accordance with manufacturer's instructions and approved shop drawings.
- F. All wiring shall be installed in conduit.
- G. All branch load circuits shall be live tested before connecting the loads to the lighting control panels.

3.2 SUPPORT SERVICES

- A. System Startup
 - 1. Upon completion of installation, Contractor shall notify the Lighting Control System manufacturer that the system is ready for formal checkout and programming. No power shall be applied to the Lighting Control System unless specifically authorized by written instructions from the manufacturer.
 - 2. Manufacturer shall provide Factory-Authorized Technician to confirm proper installation and operation of all system components.
- B. Testing
 - 1. System shall undergo complete functional testing by a Factory-Authorized Technician. All loads shall be tested live for continuity and freedom from defects and all control wiring shall be tested for continuity and connections prior to energizing the system components.
 - 2. Contractor shall be responsible for correction of any improper wiring or component installation as identified by the Factory-Authorized Technician during testing. Contractor shall be responsible for any return visits by Factory-Authorized Technician resulting from lack of system readiness for checkout or from any incomplete or incorrect wiring or installation.
- C. Initial Programming
 - 1. Programming of initial button assignments, touch screen page layouts, normal and emergency presets, control priorities, sensor settings, time clock events, etc, shall be performed by a Factory-Authorized Technician. Consultant shall provide instructions for initial programming at request of Factory-Authorized Technician; however, all final decisions regarding programming shall be at the direction of the Owner.

2. Programming and addressing of architectural lighting fixtures by Electrical Contractor. Information on the addressing of architectural lighting fixtures shall be provided to Factory-Authorized Technician as coordination drawing at time of shop drawings.

3.3 OWNER TRAINING

A. General

1. Manufacturer's authorized technician shall perform Owner Training.
2. Class size is limited to twelve (12) participants and shall include at minimum:
 - a. Owner shall provide a list of participants by title. For example, 'Technical Director, Master Carpenter, Master Electrician, etc.' To facilitate scheduling, include only mandatory participants on this list. Attendees not on the list will still be permitted to attend.
3. The Lighting System Integrator shall schedule instruction with the Owner's designated representatives. Agenda shall be sent in advance. All O&M materials, as designated in this Specification, shall be available at the time of training.
4. Instruction shall not necessarily follow immediately after the system check-out and activation.
5. Instruction shall be independent of the system check-out and activation. Length of engineering check-out and activation shall not affect the length of instruction time.
6. At Owner's discretion, instruction may occur in multiple time blocks.
7. Written documentation of Owner training shall be provided to the Owner upon completion.
 - a. Form to include:
 - 1) The date, time, and location of training.
 - 2) Name, title, company and signature of trainer.
 - 3) Name, title, and signature of all participants.
 - 4) Topics covered at training.
 - b. If training is non-continuous, provide one form for each training segment.
8. Training may be video and audio recorded by the Owner at the Owner's expense.

B. Up to twenty-four (24) hours of Owner training to include the following:

1. Minimum of three (3) separate training sessions with Owner, as follows:
 - a. First session shall occur at conclusion of startup and system commissioning and shall include eight (8) hours training time with Owner representatives. This session shall include the following general subjects, but shall be tailored to Owner's preference at time of training:
 - 1) General system overview.
 - 2) Routine care and maintenance.
 - 3) Operation of dimmer racks and relay panels.
 - 4) House Light Station operation and configuration, including review of initial programming provided by Consultant.
 - 5) Lighting Control Console introduction and basic programming
 - 6) Review of warranty and software updates
2. Second session shall occur no less than two weeks following substantial completion, but within one month of initial training. This session shall include up to an additional eight (8) hours training time with Owner representatives. This session shall include the following general subjects, but shall be tailored to Owner's preference at time of training:
 - a. In-depth Lighting Control Console operation and programming.
 - b. House Light Station preset review and adjustment to reflect actual operational needs.
 - c. Other review as requested by Owner.

3. Third session of additional eight (8) hours training time shall occur no less than one month after substantial completion, but within three months of initial training. Format and timeline shall be similar to the second session.

END OF SECTION 11 61 19

SECTION 23 09 00 – BUILDING MANAGEMENT AND CONTROL SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY

- A. The Building Management and Control Systems (BMCS) specified herein shall include materials, operator workstation, building controllers, sensors, control valves, wiring, installation, start-up, testing, documentation and training for a complete operable system as required for this project.
- B. Controls Engineering shall be provided by the local controls manufacture representative.
- C. Work specified under this section shall be performed by, or under the direct supervision of the local controls manufacture representative, or by a contractor that is certified by the controls manufacture to perform all work within Section 23 09 00 Instrumentation and Control for HVAC and those sections of 23 09 00 that have been specified herein.
- D. Alternate techniques, modifications or changes to any aspect of these specifications may be submitted as a voluntary alternate no later than (15) days prior to the bid date and with sufficient information for a complete evaluation. This information shall include product data sheets, a UL508A Standard for Industrial Control Panels statement of compliance for any locally manufactured control panels, a detailed sequence of operation and engineered shop drawing. Shop drawings shall include the following as a minimum. Point to point wiring diagrams for each piece of equipment to be controlled, a network riser diagram that will depict quantity and location of all operator workstation, controllers, routers and repeaters required for this project.

1.2 RELATED SECTIONS

- A. Division 1: General Requirements
- B. Division 23: Heating, Ventilating, and Air Conditioning (HVAC)
- C. Division 26: Electrical

1.3 SUBMITTALS

- A. Submit engineered shop drawings, sequences of operation, third party equipment and controls integration points and product data sheets covering all items of equipment for the proposed system prior to installation for approval. Any deviation from the contract documents shall be noted and the drawings signed and dated by the Contractor. Additionally, submit a UL508A Standard for Industrial Control Panels statement of compliance for any locally manufactured control panels.
- B. After completion of the installation and commissioning, a full set of as-built documentation shall be turned over to the Owner. The as-built shall include operation and maintenance manuals, sequence of operation, shop drawings and digital copies of the following.
 - 1. Complete BMCS System databases backup
 - 2. Source files for all custom written controller applications
 - 3. Source files for graphics if required for this project

1.4 WARRANTY

- A. Components, system software, and parts shall be guaranteed against defects in materials, fabrication, and execution for (1) year from date of system acceptance. Provide labor and materials to repair, reprogram, or replace components at no charge to the Owner during the warranty period.
- B. Provide a list of applicable warranties for components, this list shall include warranty information, names, addresses, telephone numbers, and procedures for filing a claim and obtaining warranty services.
- C. Respond to the Owner's request for warranty service within (24) hours during normal business hours. Submit records of the nature of the call, the work performed, and the parts replaced or service rendered.
- D. Contractor shall request VPN access from owner and provide remote maintenance, software updates and repair service for the duration of the warranty period.

1.5 TRAINING

- A. Provide a competent instructor who is factory trained and has comprehensive knowledge of system components and operations to provide full instructions to designated personnel in the system operation, maintenance, and programming. Training shall be specifically oriented to installed equipment and systems.
- B. Provide (8) hours of onsite owner familiarization and training for the installed system. Training shall include system overview, time schedules, emergency operation, and programming and report generation.
- C. Owner employees attending this training session shall be provided with the following documentation:
 - 1. System layout point to point connection diagram.
 - 2. System components cut sheets.
 - 3. Operations and maintenance data.

1.6 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. Do not store or install electronic hardware on the project until non-condensing environmental conditions have been established.

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. BMCS Equipment: Carrier OPEN BACnet Controls. No substitutions will be accepted.
- B. Controls installation will be by Carrier Controls Expert Dealer.
- C. The local manufacture representative will operate a free 40 hour a week, toll free customer support hotline for additional user support services that are required.

2.2 SYSTEM LISTING COMPLIANCE

- A. Locally manufactured control panels shall meet all requirements as outlined by UL 508A standard and shall be both approved and listed by Underwriters Laboratories, Inc.

2.3 COMMUNICATION

- A. Controller and operator interface communication shall conform to ANSI/ASHRAE Standard 135, BACnet.
- B. Each controller shall have a communication port for temporary connection to a laptop computer or other operator interface. Connection shall support memory downloads and other commissioning and troubleshooting operations.
- C. Use owner provided Ethernet backbone for network segments.

2.4 OPERATOR INTERFACE

- A. Description. The control system shall be as shown and consist of a high-speed, peer-to-peer network of BMCS controllers and a stand-alone web server operator interface. Depict each mechanical system and building floor plan by a point-and-click graphic. A web server shall gather data from this system and generate web pages accessible through a conventional web browser on each PC connected to the network. Operators with sufficient access level shall have an ability to make changes to all system and equipment graphics in the web server in addition to having full BMCS system access to make configuration changes to the control system. Any tools required for making graphic changes shall be provided with web server.
- B. Operator Interface. (1) Existing Carrier I-Vu Pro Web server interface as shown on the system drawings.
 - 1. With the use of an owner provided remote SMTP email server the operators interface web server shall notify personnel of an alarm and record information about an alarm in the BMCS system.
 - 2. Any required installation or commissioning software shall be provided to the owner.
- C. Operator Functions. Operator interface shall allow each authorized operator to execute the following functions as a minimum:
 - 1. Log In and Log Out
 - 2. Point-and-click Navigation
 - 3. View and Adjust Equipment Properties
 - 4. View and Adjust Operating Schedules
 - 5. View and Respond to Alarms
 - 6. View and Configure Trends
 - 7. Manage Control System Hardware
 - 8. Manage Operator Access
- D. System Graphics. Operator interface shall be graphical and shall include at least one graphic per piece of equipment and graphics that summarize conditions on each floor of each building included in this contract. Indicate thermal comfort on floor plan summary graphics using dynamic colors to represent zone temperature relative to zone setpoint.

- E. Trend Configuration. Operator shall be able to configure trend sample or change of value (COV) interval, start time, and stop time for each system data object and shall be able to retrieve data for use in spreadsheets and standard database programs.
- F. Reports and Logs. Operator shall be able to select, to modify, to create, and to print reports and logs. Furnish the following standard system reports:
 - 1. Alarm Reports
 - 2. Schedule Reports
 - 3. Security Reports
 - 4. Commissioning Reports
 - 5. Equipment Reports
- G. Energy Conservation
 - 1. Outside Air Lockout. Lock out heating or cooling modes based on configurable outside air temperature limits.
 - 2. Demand Limiting
 - a. System shall monitor building power consumption from building power meter pulse generator signals or from building feeder line watt transducer or current transformer.
 - b. The system shall include all required hardware and software necessary to receive an Automated Demand Response (ADR) signal from the utilities Demand Response Automation Server (DRAS).
 - c. When power consumption exceeds adjustable levels, or the system receives an ADR signal from the utility, the system shall automatically adjust set points, and take other programmatic actions to reduce demand.
 - 3. Optimal Start. The system shall bring the conditioned space to within occupied set points prior to the occupied time period to ensure occupant comfort.

2.5 CONTROLLERS

- A. General. The control system shall be available as a complete package with the required input sensors and devices readily available. Provide BACnet Building Controllers (BC), Advanced Application Controllers (AAC), Application Specific Controllers (ASC), and Sensors (SEN) as required.
- B. Stand-Alone Operation. Each piece of equipment shall be controlled by a single controller to provide stand-alone control in the event of communication failure.
- C. Serviceability. Controllers shall have diagnostic LEDs for power, communication, and processor.
- D. Rooftop Unit Controller (RTC). Defined as Application Specific Controllers (ASC), shall be factory installed by the HVAC manufacturer and shall control all associated HVAC rooftop equipment functions in a single zone application or as part of a zoning system application.
 - 1. Capacity control shall be based by the RTC internal time clock and setpoints (cooling and heating) coupled with a communicating room sensor. The controls shall provide separate occupied and unoccupied cooling and heating setpoints.

2. RTC shall utilize up to 2 speed of fan control, up to 3 stages of cooling, and up to 4 stages of heating.
3. RTC shall provide economizer control that has been certified for Fault Detection and Diagnostics (FDD) by California Energy Commission (CEC). The FDD system shall detect the following faults:
 - a. Air temperature sensor failure/fault
 - b. Not economizing when it should
 - c. Economizing when it should not
 - d. Damper not modulating
 - e. Excess outdoor air
- E. General Purpose Controller. Defined as Advanced Application Controller (AAC) shall be a solid state micro-controller with pre-tested and factory configured software designed for controlling building equipment using BMCS algorithms and facility management routines. The controller shall be capable of operating in either a stand-alone mode or as part of a network.

2.6 FIELD INSTALLED SENSORS

- A. Space Temperature Sensors shall communicate to the controller over a 4-wire communication network and have setpoint adjustment, after hours override, LCD display and a communication service port.
- B. Status indication for fans or pumps shall be provided by a split core design current sensing sensor. The sensor shall be installed at the motor starter or motor to provide load indication. The unit shall consist of a current transformer, a solid state current sensing circuit (with adjustable set point) and a solid state switch. A light emitting diode (LED) shall indicate the on off status of the unit.

2.7 CONTROL PANELS

- A. Provide single-door, UL 508A Listed; Type 4, wall-mount enclosures for each system under automatic control. Mount relays, switches, and controllers in cabinet and indicators, pilot lights, push buttons and switches flush on enclosure exterior face as required.
- B. Fabricate panels from 16 gauge steel with ANSI 61 gray finish and shall include (1) black padlock handle that will accommodate a padlock with up to a 5/16-in. locking bar for secure access to the enclosure contents. All additional latches shall be black non-locking handle type.
- C. Provide engraved name plates that identify each control panel and for each component mounted to the exterior of the enclosure.
- D. Provide a complete wiring diagram, bill of material for all components and markings with the following information:
 1. Manufacturer's name or trademark
 2. Supply voltage, number of phases, frequency, and full-load current for each incoming supply circuit
 3. Enclosure type number

2.8 SEQUENCE OF OPERATION

- A. See Appendix A

PART 3 - EXECUTION

3.1 ELECTRICAL WIRING

- A. This contractor is responsible for all low voltage electrical installation and wiring for a fully operational BMCS System as shown on the drawings and shall perform electrical installation in accordance with local and national electrical codes and in accordance with Division 26.
- B. Install all HVAC control wiring, 24vdc or less, in electrical metallic tubing (EMT) when wire is concealed in walls and in exposed areas. Rigid metal conduit (RMC) will be used when conduit will be installed on roofs. Plenum wire may be used in ceilings where anchored support is provided every 10 feet.
- C. Electrical Contractor is responsible for providing power from local electrical panels to the BMCS System control panels.
- D. When transitioning between buildings above or below ground level, provide a pull box with necessary surge suppression hardware to transition exterior rated wiring to interior applications.

3.2 ACCEPTANCE PROCEDURE

- A. Upon completion of the installation, the contractor shall start-up the system and perform all necessary calibration and testing to ensure the proper operation of the BMCS System.
- B. After all calibration and testing have been completed, the contractor shall schedule a hardware demonstration and system acceptance test to be performed in the presence of the owner.

END OF SECTION 23 09 00

1.0 APPENDIX A

1.1 SEQUENCE OF OPERATION FOR EMUHSD SOUTH EL MONTE HS

1.1.1 GAS/ELECTRIC ROOFTOP UNIT CONTROLLER (AC-M1 THRU M4, AC-K1 AND AC-K2)

Indoor Fan

During Occupied periods, the fan shall operate continuously. During Unoccupied periods, the fan shall operate when the space temperature exceeds the unoccupied heating or cooling setpoints. The fan operates at a variable speed to meet the load conditions and SAT safety requirements to provide maximum energy savings by minimizing fan horsepower consumption. Fan speed is NOT controlled by static pressure.

Heating Mode

When space temperature is below the occupied heating setpoint, unit shall operate in the heating mode. Unit shall stage available heat stages to satisfy demand in the occupied space.

Cooling Mode

When space temperature is above occupied cooling setpoint, unit shall operate in the cooling mode. Unit shall enable available cooling stages to satisfy demand in the occupied space.

Economizer

Economizer shall close when fan is off or during a loss of power. During occupied hours when fan is energized, the economizer shall open to adjustable minimum position. When outside air temperature is below 71° and occupied space requires cooling, economizer shall open. If economizer air is not sufficient to meet the demand in the occupied space, unit shall enable available mechanical cooling stages to satisfy demand in the occupied space.

CO2 Control

Unit shall monitor space CO2 when the supply fan is energized. When CO2 is above setpoint of 1000 PPM, economizer shall modulate open toward an adjustable maximum CO2 position. As the CO2 level in the space increases above the setpoint, the minimum positions of the dampers will be increased proportionally, until the maximum ventilation setting is reached. As the space CO2 level decreases because of the increase in fresh air, the outdoor-damper will follow the higher demand condition from the DCV mode or from the free-cooling mode.

Power Exhaust

The exhaust fan shall modulate to maintain the room pressure setpoint (as determined by air balancer). Not controlled through EMS.

1.1.2 EXHAUST FAN CONTROLLER (CP-1 THRU CP-3)

Exhaust Fans

EF-D1 thru EF-D5, D7, D8, EF-M1, M1, M2, and EF-L1 shall run based on an occupied time schedule (configurable)

Exhaust fan status will be monitored through a current sensing switch. If the current switch does not detect fan status after a start command has been sent to the associated exhaust fan, an alarm will be generated to the i-Vu web server.

1.1.3 PLANT CONTROLLER (CP-4 THRU CP-5)

Single Stage Boiler Loop Water Temperature Control

The controller will measure the loop water supply temperature and stage the boiler, its circulation pump and heating stage on in sequence to maintain setpoints. The boiler system will run subject to its own internal safeties and controls. To prevent short cycling, there will be a user definable (adj.) delay between stages, and each stage will have a user definable (adj.) minimum runtime.

Cooling Tower - Run Conditions

The cooling tower condenser water control will stage its components (spray pump, fan, etc.) in sequence to maintain condenser water supply temperature setpoint. The following setpoints are recommended values. All setpoints will be field adjusted during the commissioning period to meet the requirements of actual field conditions. When the cooling tower is running the boiler shall be locked out.

Cooling Tower Fan - Loop Water Supply Temperature Control

The controller will measure the loop water supply temperature and stage the fans on in sequence to maintain setpoints. The following setpoints are recommended values. All setpoints will be field adjusted during the commissioning period to meet the requirements of actual field conditions. On rising loop water supply temperature, the fan speeds will stage on at the setpoints given below. When the condenser water supply temperature drops back below the setpoints by the differentials listed below, the fan speeds will stage off.

To prevent short cycling and back-emf in the fan motors, there will be a minimum user adjustable delay between each stage.

Condenser Water Pump Lead/Standby Operation

The condenser water pumps will run anytime the boiler is called to run.

The lead pump will start prior to the boiler being enabled and will stop only after the boiler is disabled. The pumps will therefore have:

- A user adjustable delay on start.
- AND a user adjustable delay on stop.

The delay times will be set appropriately to allow for orderly chilled water system start-up, shutdown and sequencing.

The condenser water pumps will operate in a lead/standby fashion.

- The lead pump will run first.
- On failure of the lead pump, the standby pump will run and the lead pump will turn off.

The designated lead pump will rotate upon one of the following conditions (user selectable):

- manually through a software switch
- if pump runtime (adj.) is exceeded
- daily
- weekly
- monthly

Condenser Water Return Temperature Monitoring

The condenser water return temperature will be monitored.

Condenser Water Supply Temperature Reset

The Condenser Water Supply Temperature (CWST) reset will be based on linearly outside wet bulb temperature (calculated from OAT and OARH) and heating/cooling demands.

Condenser Water Supply Flow Monitoring

The condenser water flow will be monitored.

Pumps Flow Monitoring

The pumps water flow will be monitored.

Chemical Return Monitoring

The chemicals in the return will be monitored.

Alarms

See the alarms below:

- High Condenser Water Return Temp: If the condenser water return temperature is greater than 100°F (adj.).
- Low Condenser Water Return Temp: If the condenser water return temperature is less than 75°F (adj.).
- Pump Failure: Commanded on, but the status is off.
- Pump Running in Hand: Commanded off, but the status is on.
- CT Fan Failure: Commanded on, but the status is off.
- CT Fan Running in Hand: Commanded off, but the status is on.
- Boiler Alarm

Trends

The following points shall be trended at 15 minute (adj) intervals:

- CWR Temperature
- CWS Temperature
- Outside Air Temperature
- Outside Air Relative Humidity
- Pump Enable
- Boiler Enable
- Cooling Tower Fan Low Enable
- Cooling Tower Fan High Enable
- CW Flow

SECTION 32 31 19 – ORNAMENTAL METAL FENCES AND GATES

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. Custom fabricated Ornamental Metal Fencing
 - 2. Rough and finish hardware, fasteners, and related accessories
- B. Related Requirements:
 - 1. Section 32 13 13, Sitework Concrete.

1.3 REFERENCE STANDARDS

- A. Conform to current adopted reference standards by date of issue of the current code cycle and the date of the Contract Documents.
- B. ASTM International
 - 1. ASTM A36 - Carbon Structural Steel
 - 2. ASTM A123 - Zinc (Hot-Dipped Galvanized) Coatings on Iron and Steel Products
 - 3. ASTM A307 - Carbon Steel Bolts and Studs, 60,000 psi Tensile Strength
 - 4. ASTM A500 - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes.
 - 5. ASTM A513 - Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing
 - 6. ASTM A641 - Standard Specifications for Zinc-Coated (Galvanized) Carbon Steel Wire
 - 7. ASTM A653 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
 - 8. ASTM A568/A568M - General Requirements for Steel, Sheet, Carbon, and High-Strength, Low-Alloy, Hot-Rolled and Cold-Rolled.
 - 9. ASTM A780 - Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings.
 - 10. ASTM B117 - Test Method of Salt Spray (Fog) Testing
 - 11. ASTM B221-Standard Specification for Aluminum and Aluminum – Alloy Extruded Bars, Rods, Wire, Profiles and Tubes.
 - 12. ASTM C1107 - Packaged Dry, Hydraulic - Cement Grout (Non-Shrink)
 - 13. ASTM D2247 - Practice for Testing Water Resistance of Coatings in 100% Relative Humidity
 - 14. ASTM D2794 - Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact)
 - 15. ASTM D3359 - Test Method for Measuring Adhesion by Tape Test

- C. American Welding Society (AWS)
 - 1. AWS D1.1 - Structural Welding Code, Steel
 - 2. AWS A5.1 - Carbon Steel Electrodes for Shielded Metal Arc Welding
 - 3. AWS 5.5 - Low Alloy Steel Covered Arc Welding Electrodes.
- D. American Institute of Steel Construction (AISC)
 - 1. AISC Specifications - Manual of Steel Construction
- E. CBC - 2019 California Building Code
 - 1. Chapter 10, Means of Egress
 - 2. Chapter 11B, Accessibility to Public Buildings, Public Accommodations, Commercial Buildings and Public Housing.
 - 3. Chapter 19A, Concrete
- F. National Ornamental and Miscellaneous Metals Association (NOMMA)
 - 1. NOMMA Guidelines - Guideline 1 Joint Finishes

1.4 QUALITY ASSURANCE

- A. Welding Qualifications: qualify procedures and personnel according to AWS D1.1.
- B. Mock-ups:
 - 1. One (1) complete fencing panel from post to post, and
 - 2. One (1) complete accessible pedestrian gate assembly
 - 3. Approved mock-ups, in undisturbed condition at time of Certified Completion, may remain as part of the finished work.

1.5 ACTION SUBMITTALS

- A. Product Data for each fencing system component and accessory item.
- B. Shop Drawings, showing materials, construction and fabrication details, layout and erection diagrams as required, finish of materials and methods of anchorage to adjacent construction. Indicate welding by AWS code symbols.
- C. Samples
 - 1. Color Selection Samples for each specified pre-finished item
 - 2. Record Samples of selected finishes
 - 3. Material Samples. If requested, submit samples of materials. Samples of finials, caps, and accessories shall be whole pieces.
- D. Welding Certifications

1.6 DELIVERY, STORAGE AND HANDLING

- A. Stack, store, and handle fencing sections and components to prevent damage during transit and storage at the site. Follow manufacturer's instructions.

1.7 PROJECT CONDITIONS

- A. Verify Existing Conditions. Verify conditions, affecting work of this Section, by taking accurate measurements at site of dimensions, elevations, and grades. Fabricate work to fit measured dimensions.

1.8 WARRANTY

- A. Manufacturer and installer shall jointly warrant that the installed fencing and gates are and will remain free from defects in material and workmanship including cracking, peeling, blistering and corroding of finish for a period of at least 5 years from the date of Substantial Completion. Upon written notice from Owner, they shall promptly, without cost, and with the least practicable inconvenience to Owner correct such defects.

PART 2 - PRODUCTS

2.1 REGULATORY REQUIREMENTS

- A. Gates that are part of the accessible route shall meet all the requirements of an accessible door in compliance with CBC Section 11B-404.
- B. The levers of lever actuated latches or locks for accessible gates shall be curved with a return to within 1/2" of the gate surfaces to prevent catching on the clothing or persons.
- C. Swing doors and gate surfaces within 10" of the finish floor or ground shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16" of the same plane as the other and be free of sharp or abrasive edges. Cavities created by added kick plate shall be capped. CBC Section 11B-404.2.10.

2.2 MATERIALS

- A. Steel Material: ASTM A924, A123 and ASTM A653, hot-dipped galvanized, G-90 for sheet steel, cold-rolled, butt welded, square or rectangular, minimum 50,000 psi.
 - 1. Custom Fence: as indicated on drawings and the following:
 - a. Fence Pickets: 1" square x 15 Ga. HSS Tubing at 6" o.c., welded each end; four sides.
 - b. Rails: 3/16" x 2" square HSS.
 - c. Posts: 1/4" x 4" square HSS.
 - d. Gate frame: HSS 3" x 2" x 1/8".
 - e. Swing Gate posts: 2-1/2 inches square x 12-gauge steel for up to 6' gate opening.
 - f. Gate frame and pickets: same material as fence materials.
 - 2. Miscellaneous Materials:
 - a. Welding Rods and Bare Electrodes: Select according to AWS Specifications for metal alloy welded.
- B. Screws: stainless steel, self-drilling hex-head screws. Type 304 or 316 stainless-steel fasteners.

- C. Threaded Bolts and Nuts: Standard, commercial quality, hot dip, galvanized, steel conforming to ASTM A307.
- D. Accessories: Internal retaining rod, panel brackets, post and picket cap, rubber grommets picket to rail.
- E. Touch Up Material for Galvanized Coatings: Anodic zinc-rich coating or hot applied repair compound.
- F. Concrete for Footings: Specified in Section 32 13 13, Sitework Concrete.
- G. Non-Shrink Grout: ASTM C1107, premixed compound consisting of non-metallic aggregate, cement, water reducing and plasticizing agents; capable of developing minimum compressive strength of 5,000 pounds per square inch in 24 hours and 8,000 pounds per square inch in 7 days; of consistency suitable for application and 30-minute working time.

2.3 FABRICATION

- A. Provide new stock of standard sizes specified or detailed. Fabricate materials in shop to produce high- grade metal work. Form and fabricate to meet required conditions.
- B. Pickets, rails and posts shall be pre-cut to specified lengths. Rails pre-punched to accept rails.
- C. Include bolts, screws and other fastenings necessary to secure work.
- D. Conform applicable work to latest edition of AISC Specifications and AWS D1.1.
- E. Accurately make and tightly fit joints and intersections in true planes with adequate fastenings.
- F. Coordinate Work with work of other sections. Provide punching and drillings indicated or required for attachment of Work to other Sections.
- G. Welding: weld joints, unless otherwise indicated or specified, using shielded electric arc method. Use coated welding rods, not fluxed or type recommended by manufacturer for use with parent metal.
- H. Grinding: Grind welds to smooth flush joints.
- I. EXIT Gates: Fabricate posts and lintels to height indicated on drawing but no less than 6'-8", and ready to receive closer and gate hardware.
- J. General:
 - 1. Fences and Gates shall be all-welded construction.
 - 2. Fabricate in shop in largest possible sections; minimize field welding.
 - 3. Finish exposed welds to comply with NOMMA Guideline 1, Finish #2 - completely sanded joint, some undercutting and pinholes okay.
 - 4. Provide custom fabricated fences and gates as indicated on Drawings.

2.4 FINISHES

- A. Galvanized finish for steel products, ASTM A123 and sheet steel ASTM A653.
 - 1. Clean surfaces of rust, scale, grease and foreign matter prior to finishing. Prepare in accordance with SSPC SP-2.
 - 2. Galvanize steel items to zinc coating thickness in accordance with ASTM A123, minimum Coating Grade 80 (1.9 oz/sq. ft.) and ASTM A653 for sheet steel G60 (0.60 oz/ft square). Surfaces shall be free of icicles, spangles and puddling. Provide venting holes at all enclosed sections, "V" notch, and drilled holes are acceptable. Locate to prevent rainwater from entering enclosed sections at exterior galvanized items. Galvanize after fabrication.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Verify existing conditions are ready the work of this Section. Do not begin erection of fencing until unsatisfactory conditions are corrected.

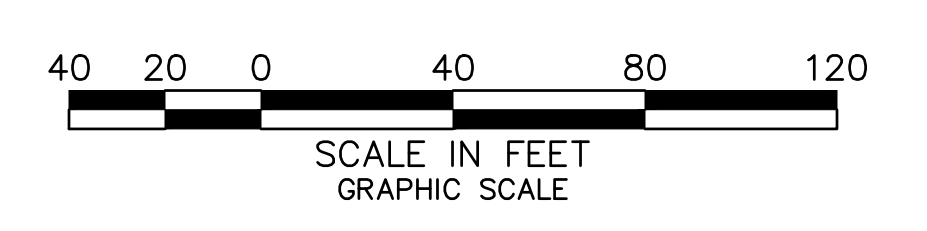
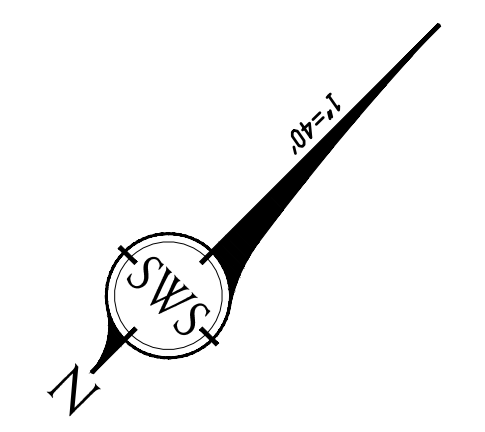
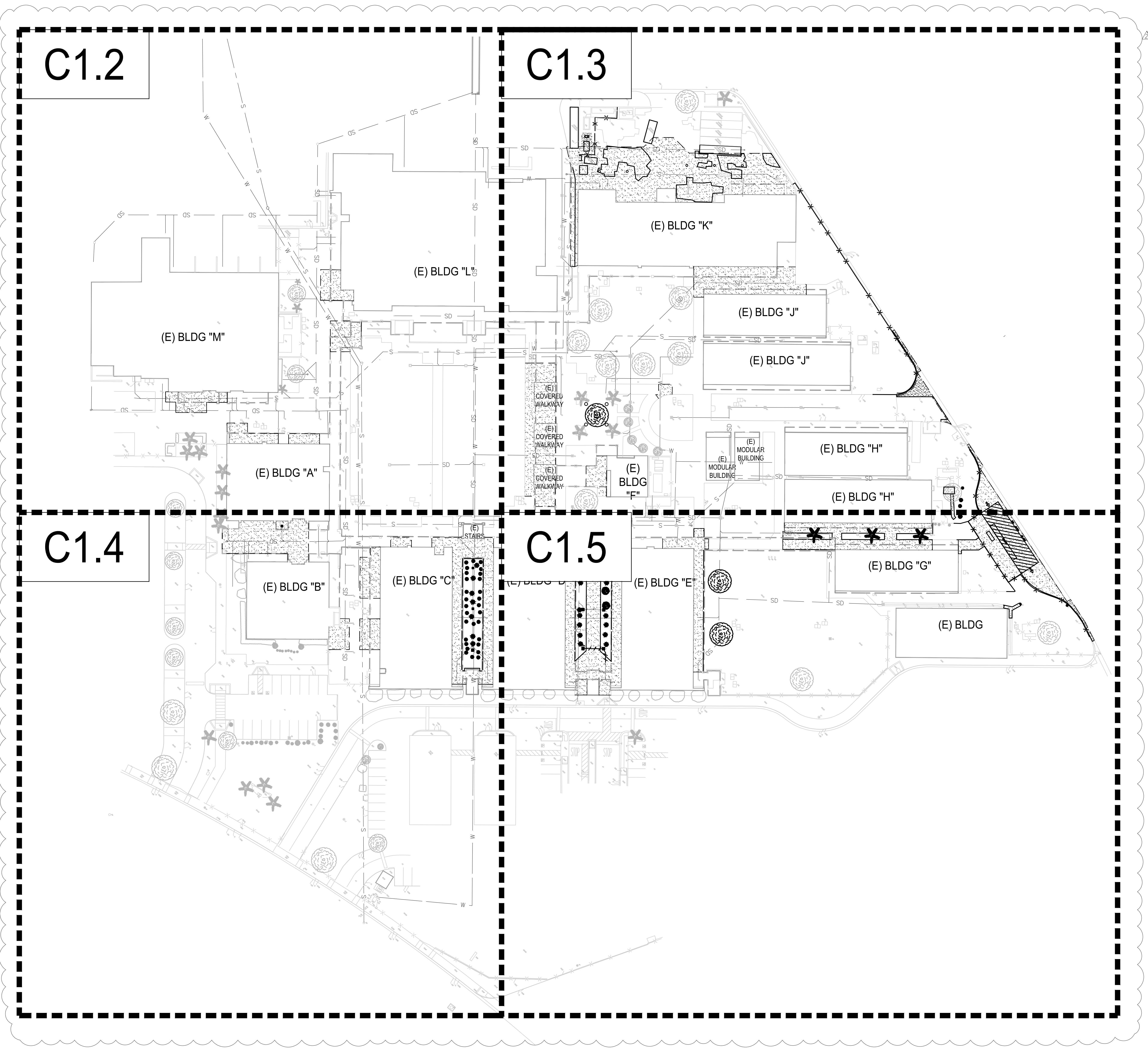
3.2 INSTALLATION

- A. Post spacing: Line posts shall be spaced in line maximum of 96 inches on center.
- B. Post Footings: Set posts in concrete footings 12 inches in diameter and 36 inches deep. Tops of footings: Crowned to shed water. Concrete mix: Minimum 3000 pounds per square inch.
- C. Post Tops: Line posts shall be fitted with pressed steel caps. Gate post top: Welded flush and ground smooth.
- D. Install in largest practicable sections and field weld all connections.
 - 1. Finish exposed welds to comply with NOMMA Guideline 1, Finish # 2 - completely sanded joint, some undercutting and pinholes okay.
 - 2. Clean welds, mechanical connections, and abraded areas and repair galvanizing to comply with ASTM A780.
- E. Repair of Galvanized Surfaces: Ready mixed, zinc-rich galvanizing compound, ASTM A780 - A2. Repair Using Paints Containing Zinc Dust, minimum thickness 5 mils.

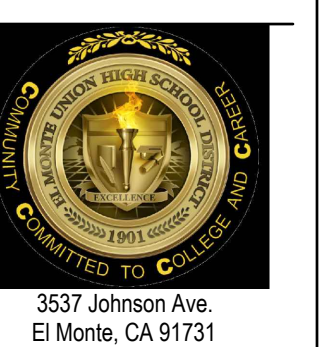
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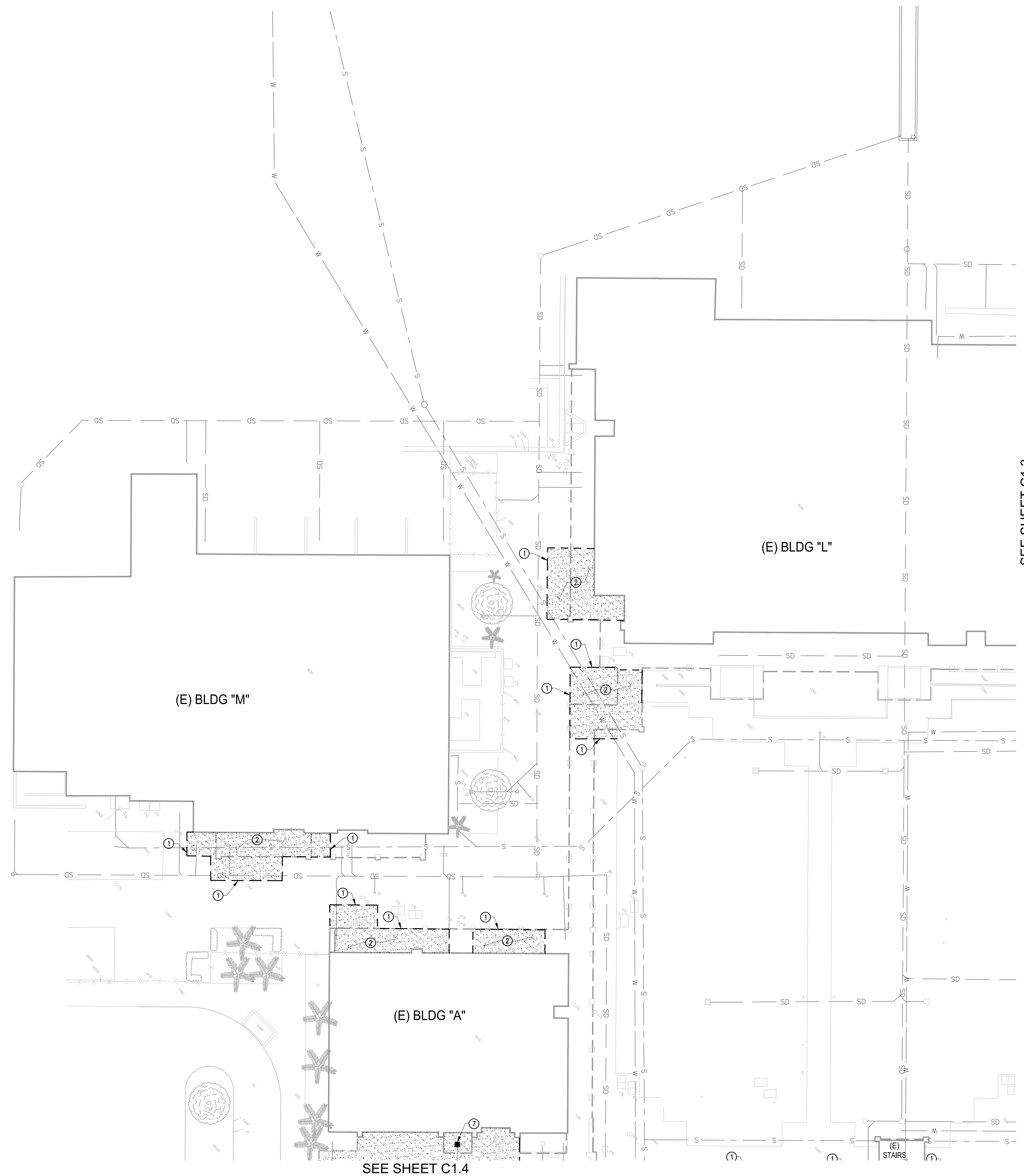
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	STORM DRAIN INLET
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	OMH MANHOLE
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	IRR IRRIGATION BOX
	FH FIRE HYDRANT
	FDC FIRE DEPARTMENT CONNECTION
	PIV POST INDICATOR VALVE
	ELEC VLT ELECTRICAL VAULT (SIZE VARIES)



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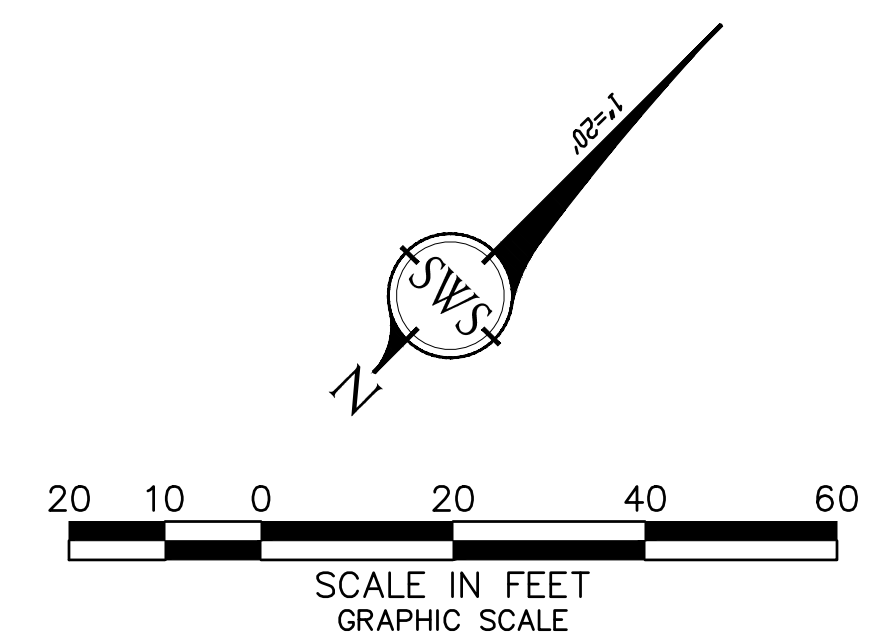
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DEMOLITION NOTES

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- ⑭ REMOVE/RELOCATE EXISTING MISCELLANEOUS STORAGE ITEMS
- ⑮ CATCH BASIN TO BE REPLACED (PER GRADING PLAN)

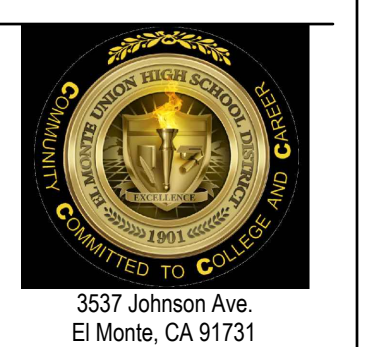
SEE SHEET C1.3

SEE SHEET C1.4



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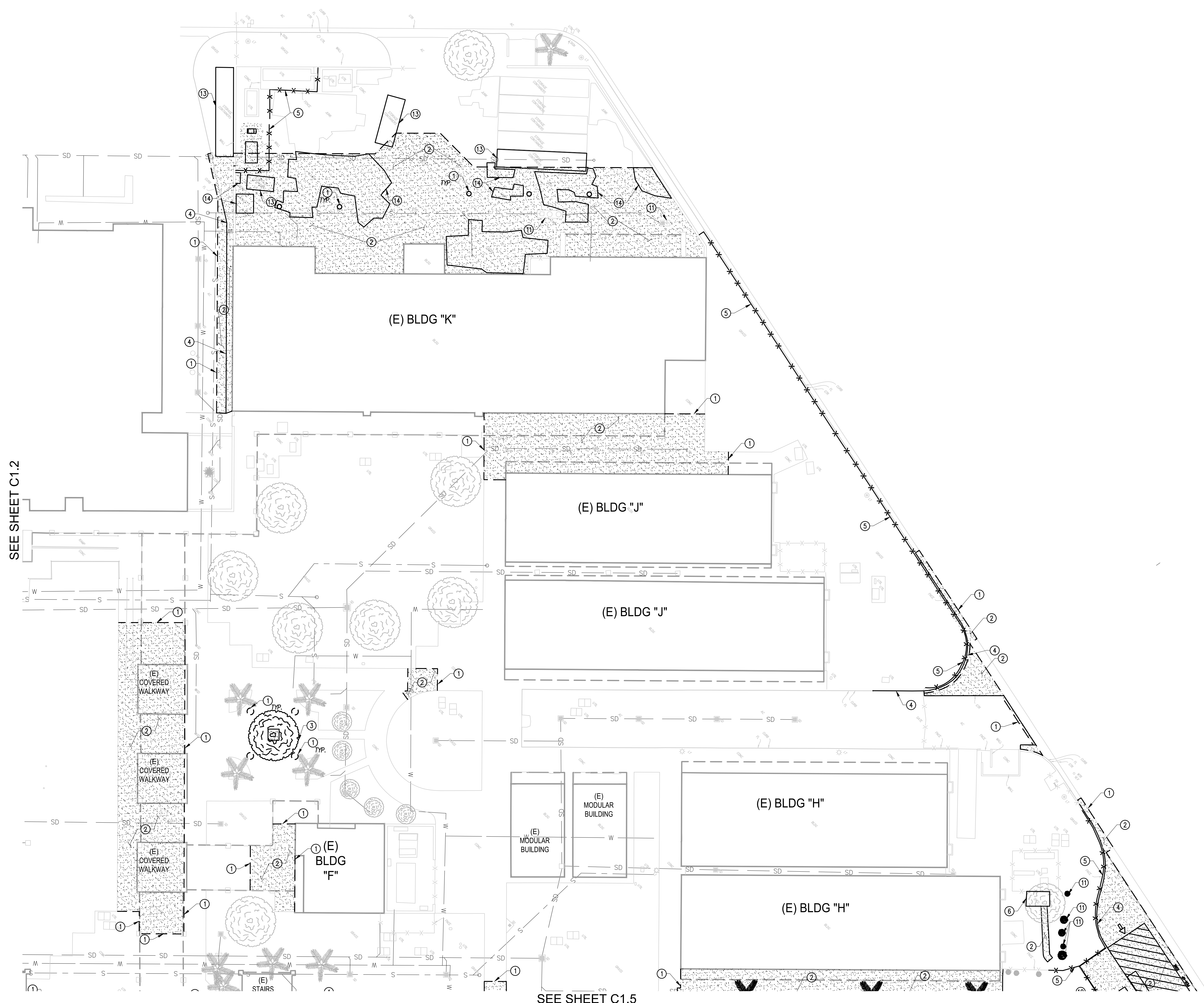


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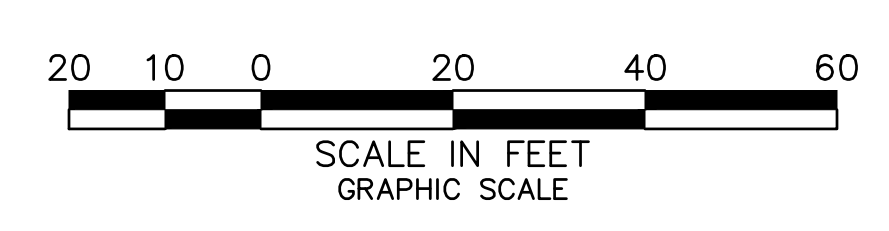
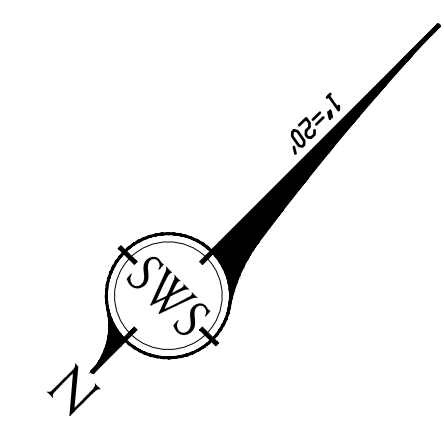
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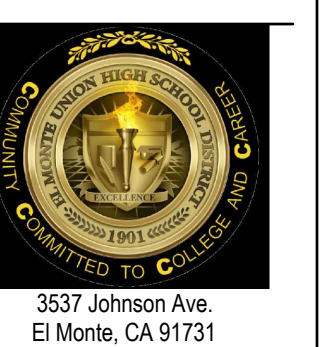
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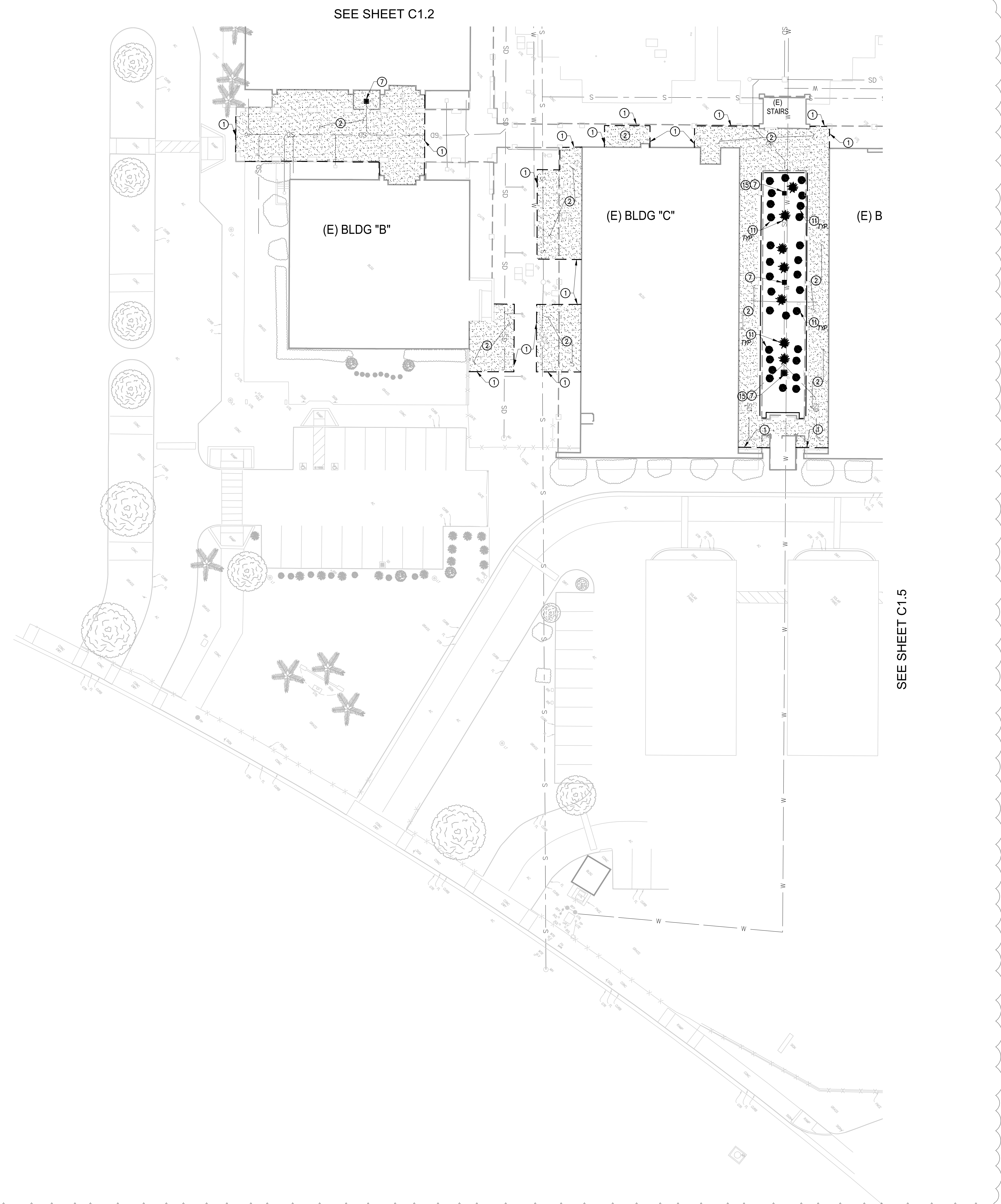


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 DSA APPL #04-122081
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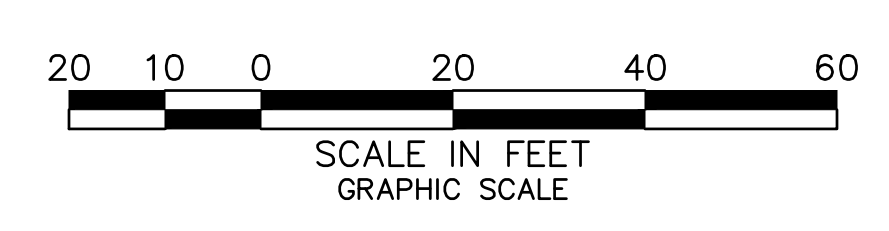
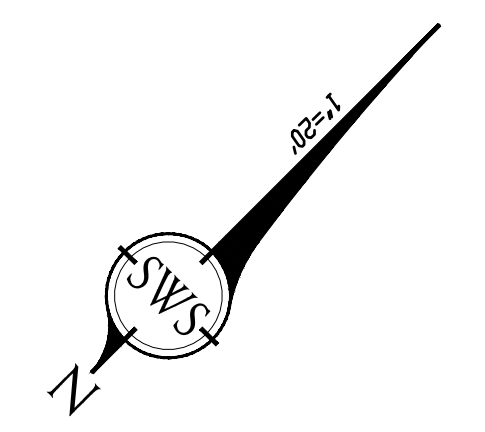
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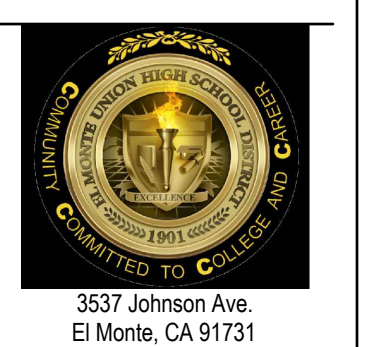
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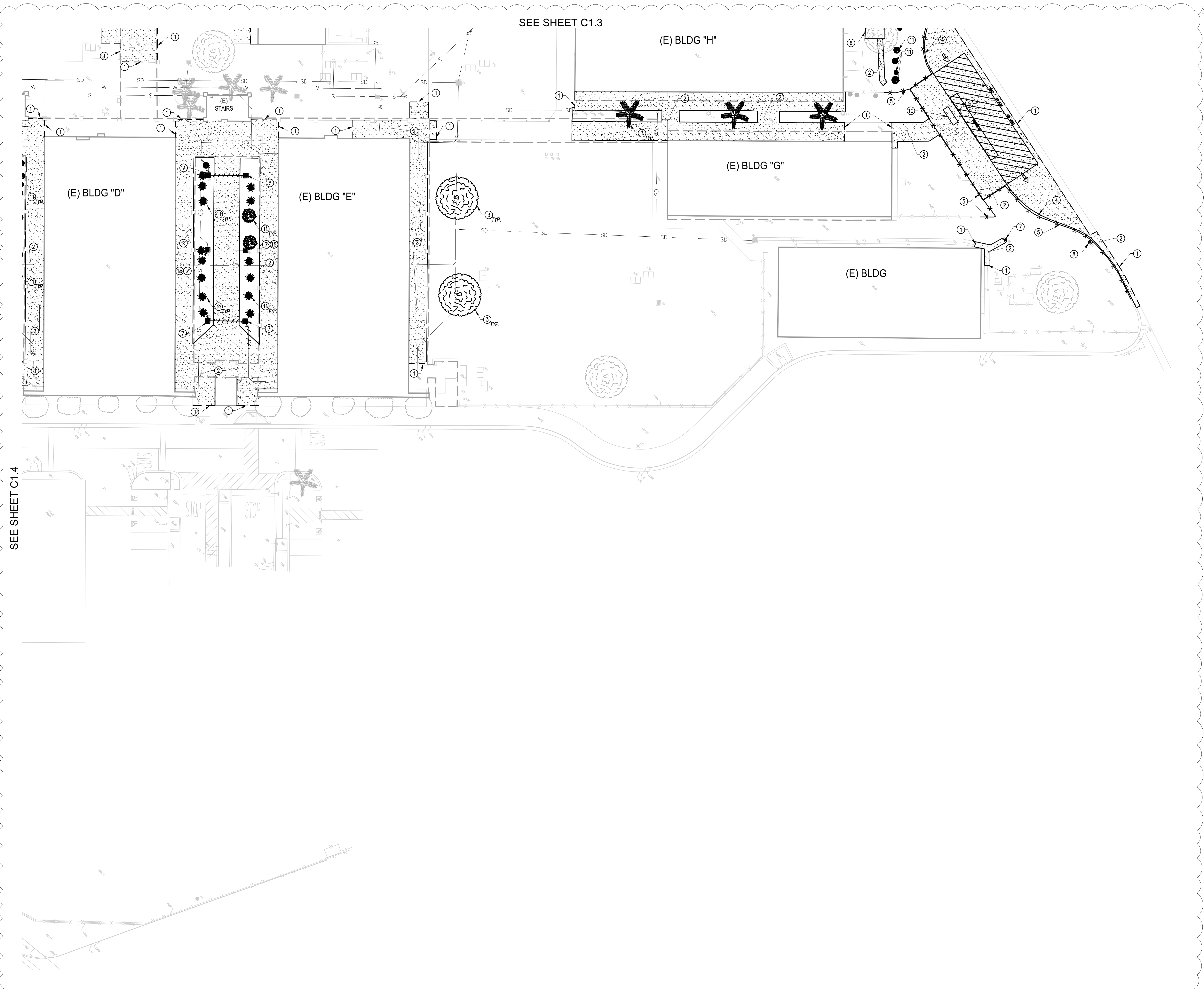
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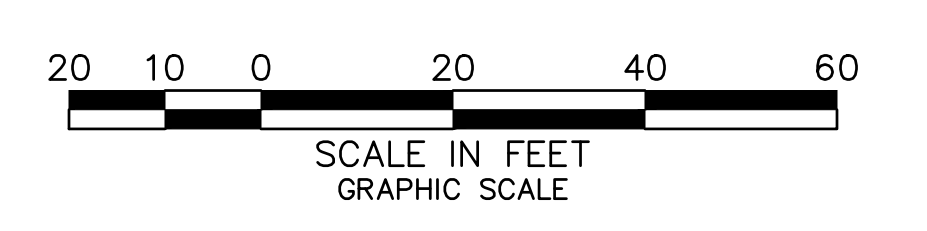
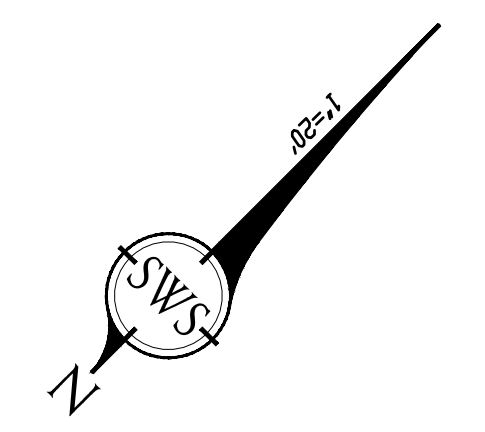


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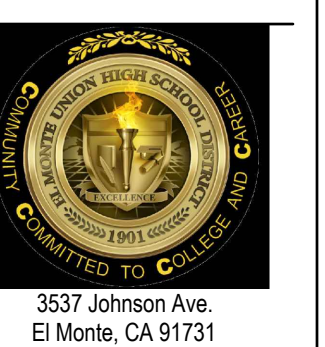
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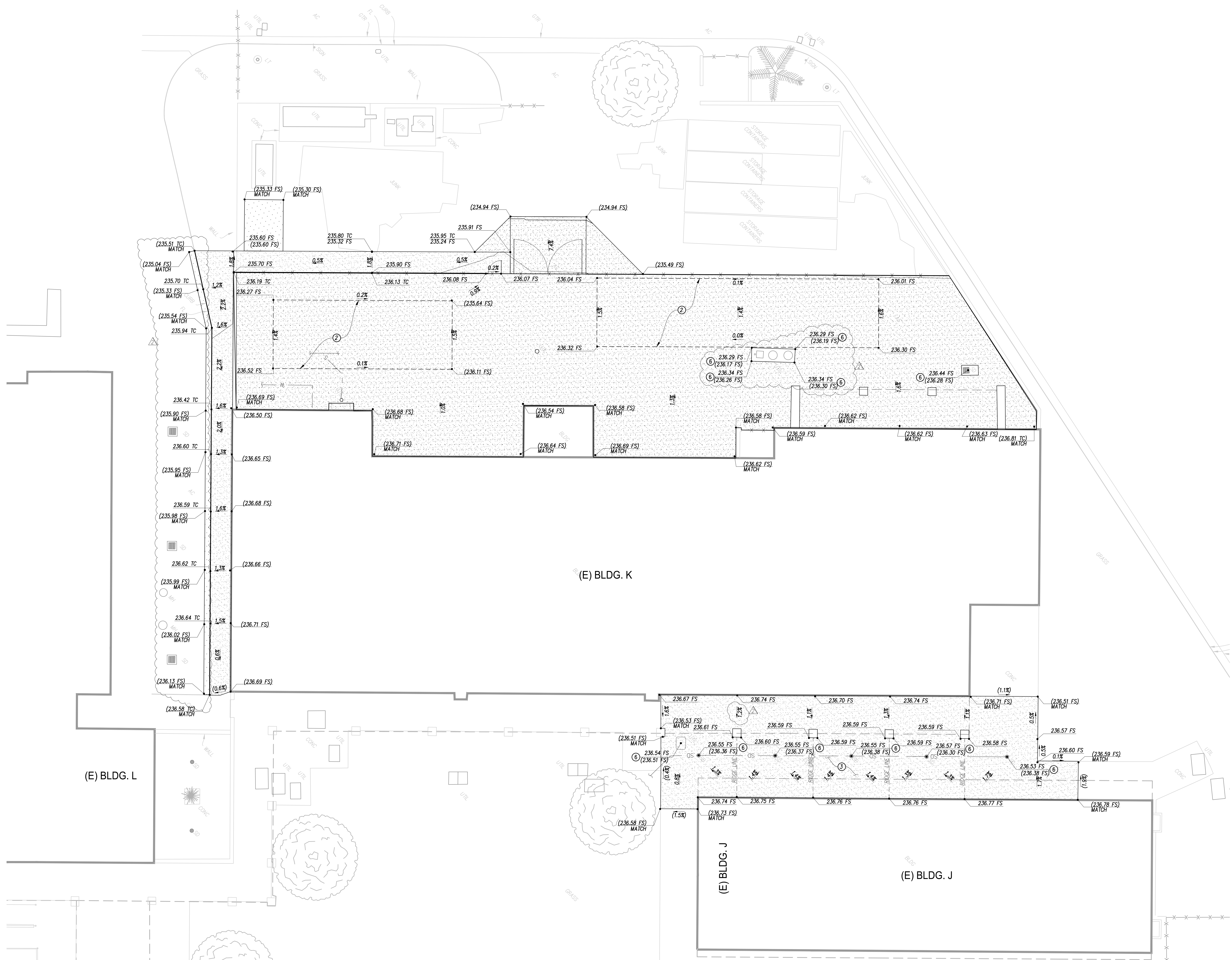
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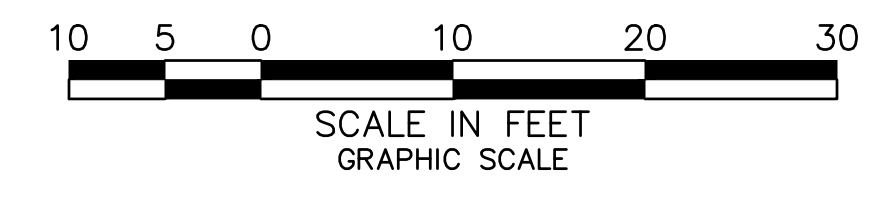
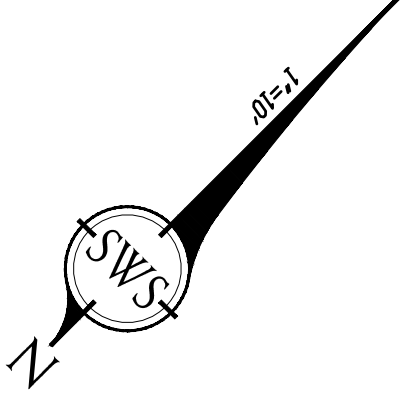
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CONSTRUCTION NOTES

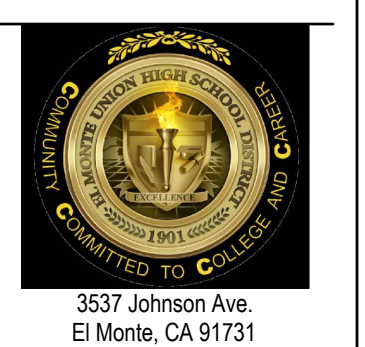
- ① EXISTING COLUMN TO REMAIN. PROTECT IN PLACE.
- ② SHADE STRUCTURE PER ARCHITECTURAL PLANS
- ③ 4" PCC SIDEWALK W/NO. 3 BARS @ 18" O.C. EACH WAY, AT CENTER OF SLAB, OVER 12" NATIVE COMPACTED TO 95% RELATIVE COMPACTION. CONCRETE STRENGTH PER PROJECT SPECIFICATIONS. JOINT DETAILS PER ARCHITECTURAL PLANS
- ④ 3" AC OVER 6" AB MIN. OVER 12" NATIVE COMPACTED TO 95% RELATIVE COMPACTION OR PER SOILS ENGINEER'S RECOMMENDATIONS. FINAL PAVEMENT SECTIONS SHOULD BE DETERMINED ONCE SUBGRADE ELEVATIONS HAVE BEEN ATTAINED AND R-VALUE TESTING ON SUBGRADE SAMPLES IS PERFORMED.
- ⑤ EXISTING UTILITY TO REMAIN. PROTECT IN PLACE
- ⑥ EXISTING UTILITY, ADJUST TO GRADE
- ⑦ EXISTING CURB OR CURB & GUTTER TO REMAIN. PROTECT IN PLACE
- ⑧ CONCRETE CURB & GUTTER PER DETAIL 5 SHEET C4.0 (HEIGHT PER PLAN)
- ⑨ CONCRETE CURB PER DETAIL 4 SHEET C4.0 (HEIGHT PER PLAN)
- ⑩ CURB RAMP AND TRUNCATED DOMES PER ARCHITECTURAL PLANS
- ⑪ DEMOLISH EXISTING STORM DRAIN INLET
- ⑫ CONNECT EXISTING DOWNSPOUTS TO UNDERGROUND STORM DRAIN SYSTEM
- ⑬ AREA DRAIN - 6" RISER WITH GRATE - USE ATRIUM GRATE (NDS80) IN LANDSCAPE AREAS AND FLAT GRATE (NDS90) IN TURF AREAS
- ⑭ 12"x12" PRECAST CONCRETE CATCH BASIN WITH PARKWAY GRATE
- ⑮ 24"x24" PRECAST CONCRETE CATCH BASIN WITH PARKWAY GRATE
- ⑯ 24"x24" PRECAST CONCRETE CATCH BASIN WITH ADAHEEL-PROOF GRATE. SEE DETAIL 10 SHEET C4.0
- ⑰ RIBBON GUTTER PER DETAIL 6 SHEET C4.0
- ⑱ 12"x12" PRECAST CONCRETE CATCH BASIN WITH ADAHEEL-PROOF GRATE. SEE DETAIL 11 SHEET C4.0
- ⑲ EXISTING LIGHT POLE TO REMAIN. PROTECT IN PLACE.

NOTE:
A SOILS REPORT HAS NOT BEEN PREPARED FOR THIS PROJECT. PAVEMENT SECTIONS ARE BASED ON PREVIOUSLY CONSTRUCTED PROJECTS NEAR THIS SITE. A GEOTECHNICAL ENGINEER SHOULD PERFORM R-VALUE TESTING PRIOR TO CONSTRUCTION OF FINAL PAVEMENT SECTIONS.



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DSA APPL #04-122081
DSA FILE #19-H10

SEE SHEET C2.3

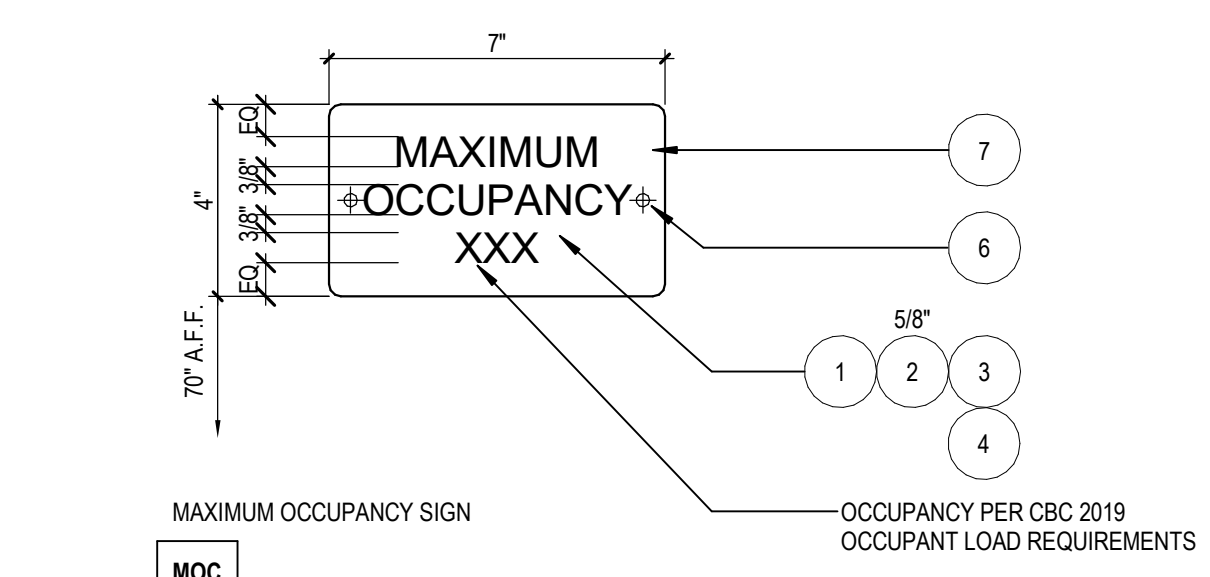
SEE SHEET C2.4

DATE: Nov 08, 2022 09:00 AM
FILE: C:\p\j\c\h\2022\199\PROJ\Construct\GP\21-179_C2.0_GP.dwg

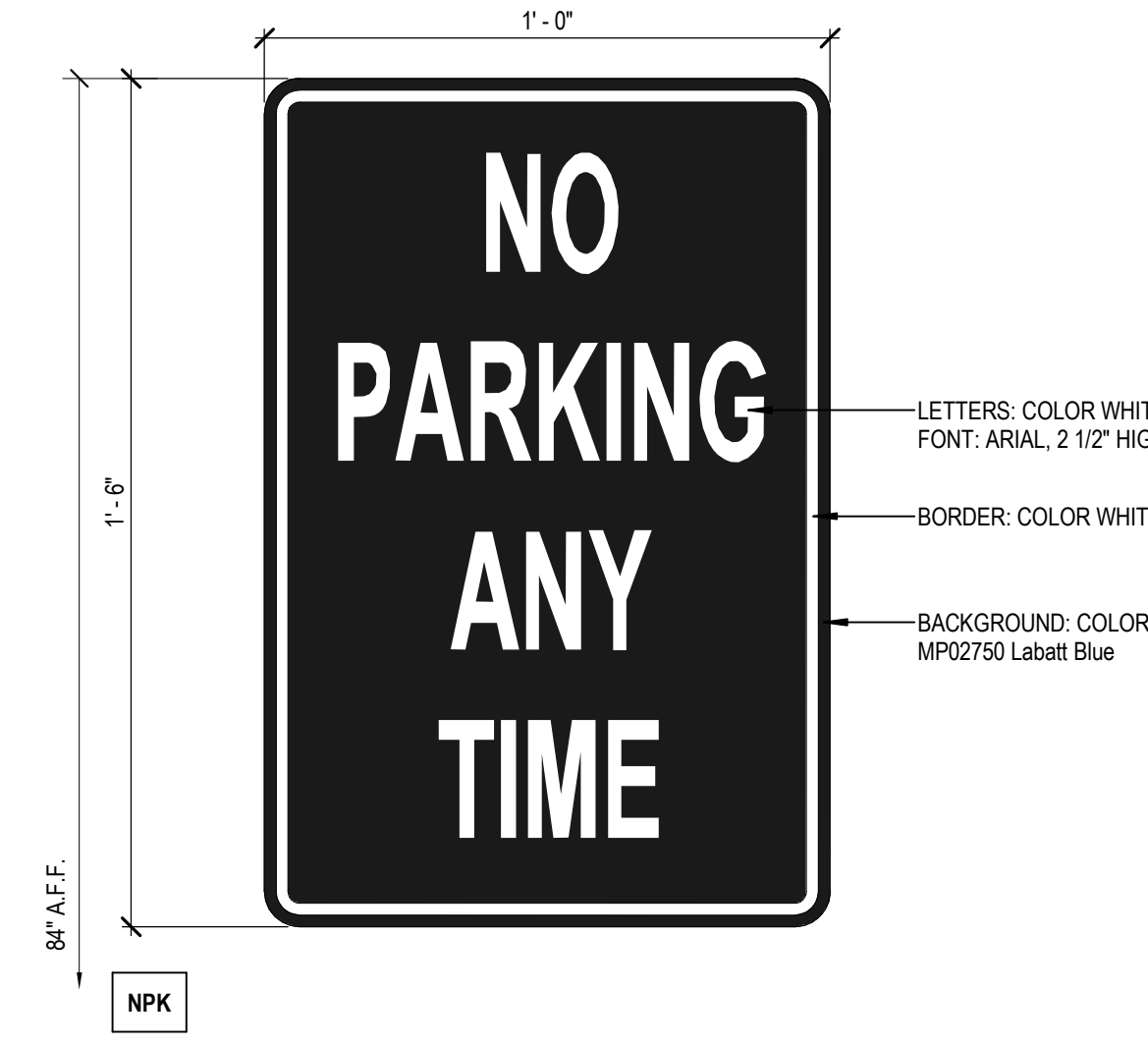
CAPACITY POSTING PER 2019 CBC 1004.3 TITLE 19 C.C.R. SECTION 3.30

Any room having an occupant load of 50 or more persons where fixed seats are not installed, and which is used for assembly, classroom, dining, drinking, or similar purposes, shall have the capacity of the room posted in a conspicuous place near the main exit from the room. Posting shall be by means of a durable sign having a contrasting color from the background to which it is attached. Signs shall be of an approved type and shall be maintained in a legible manner by the owner or his authorized agent and shall indicate the number of occupants permitted for each room use. No person shall deface or remove such signs except as authorized by the enforcing agency.

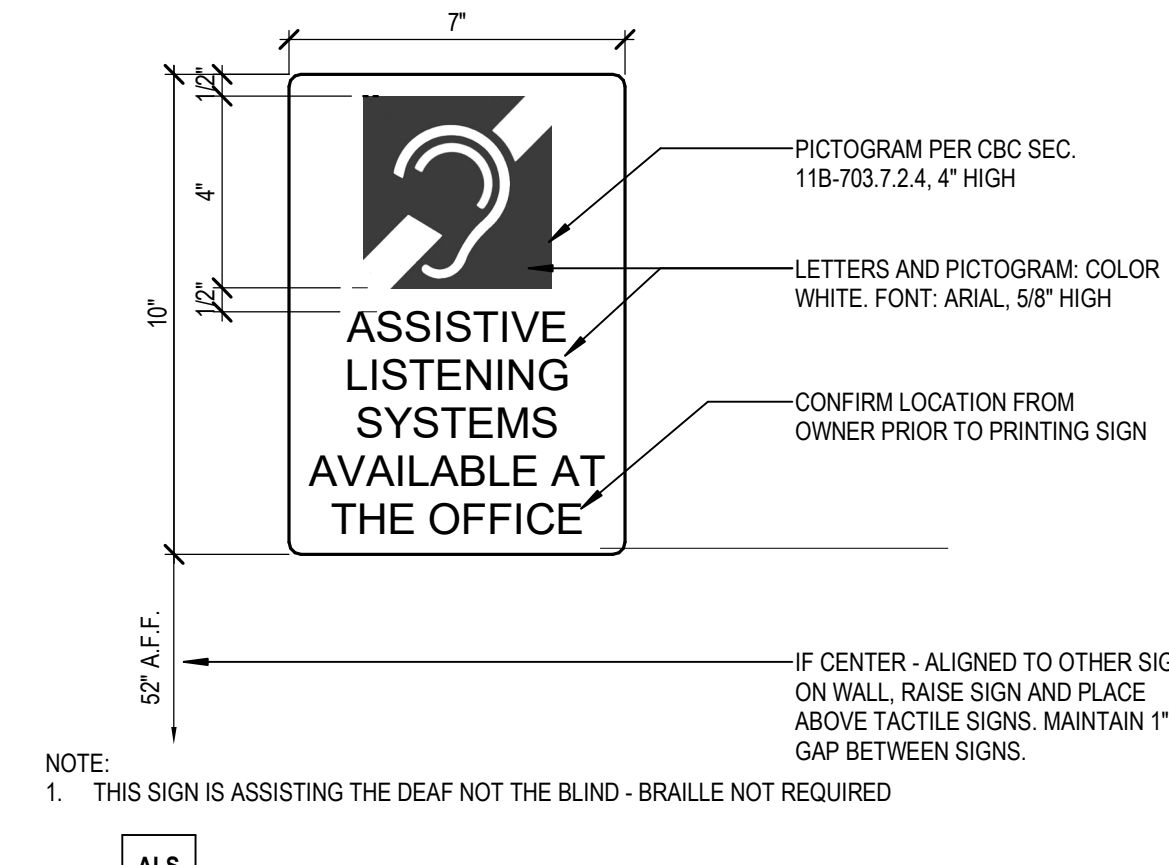
NOTE: SIGN REQUIRED AT ANY SPACE OVER 49 OCCUPANTS



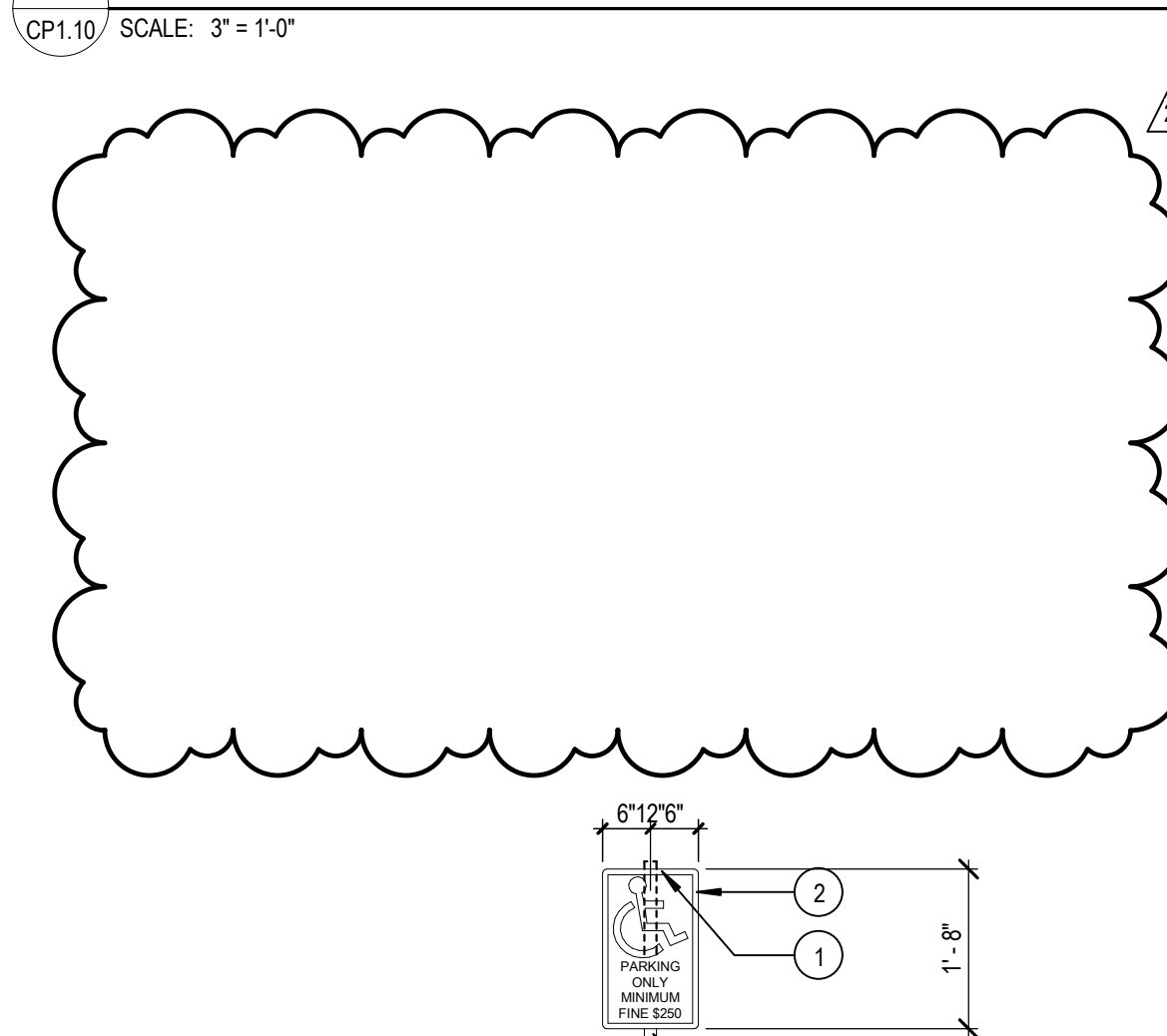
15 MAX OCCUPANCY SIGN
SCALE: 3" = 1'-0"



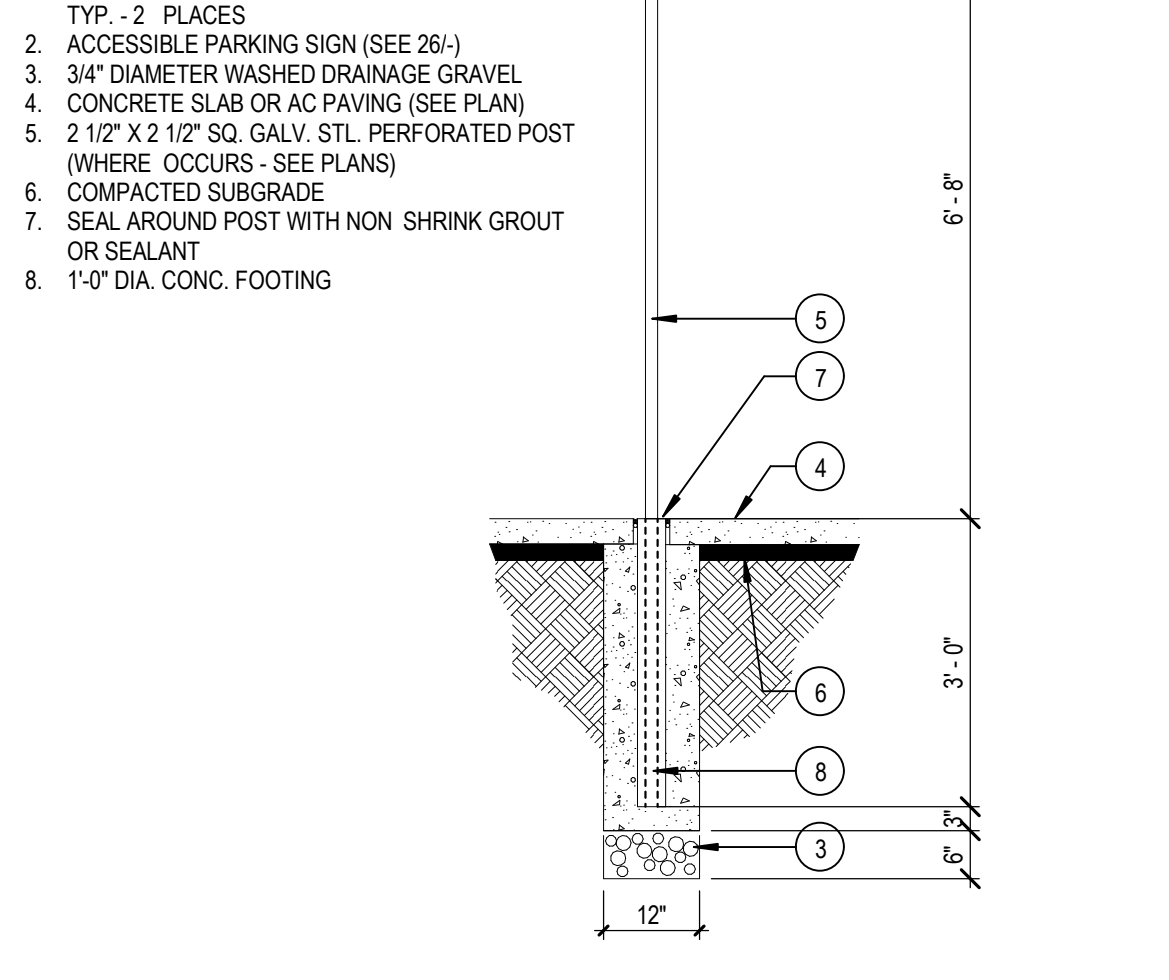
25 NO PARKING ANY TIME
SCALE: 3" = 1'-0"



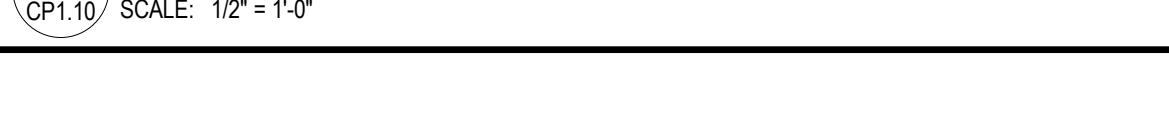
35 ASSISTIVE LISTENING SYSTEM
SCALE: 3" = 1'-0"



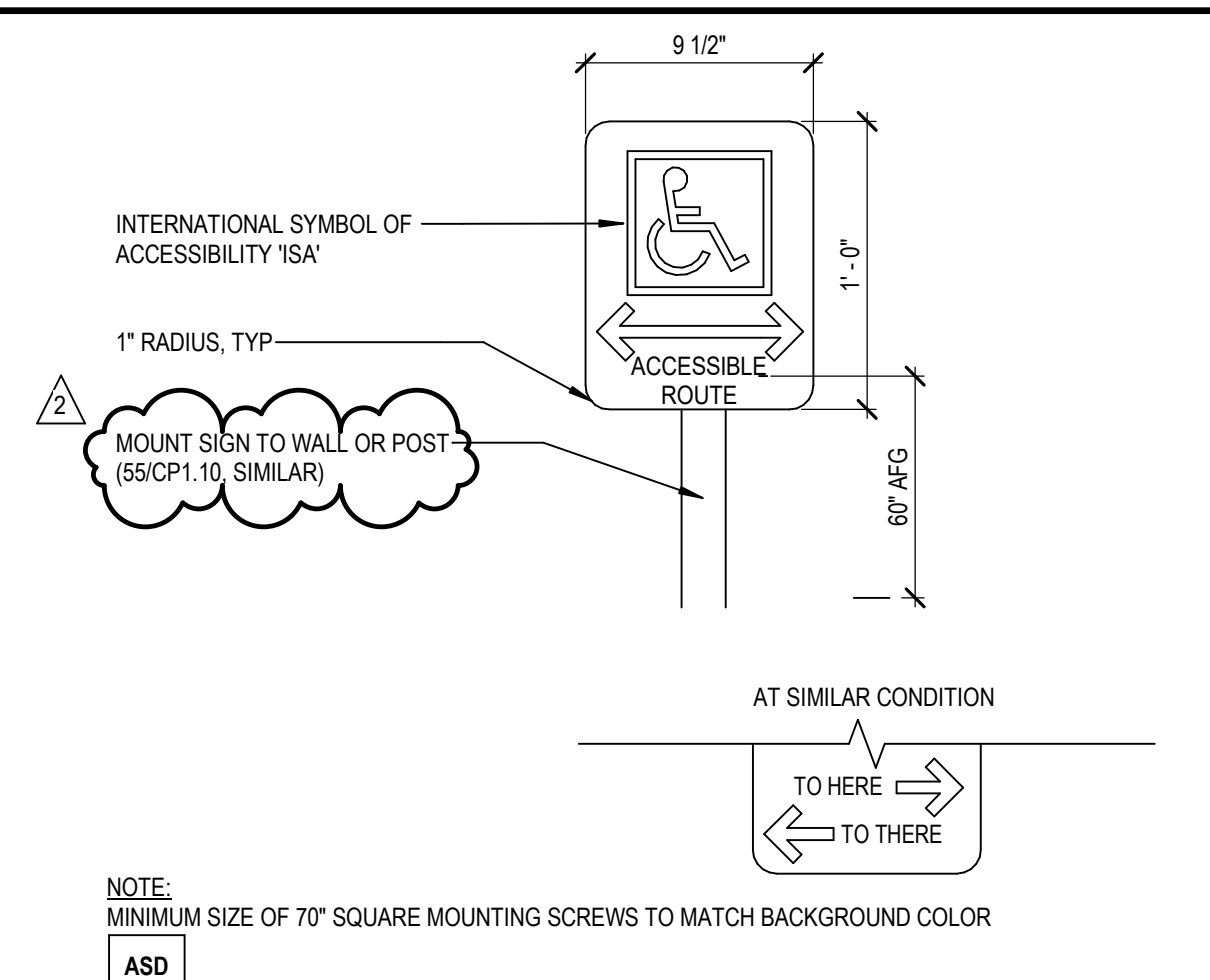
44 EXTERIOR DIMENSIONAL SIGNAGE (SECTION)
SCALE: 3" = 1'-0"



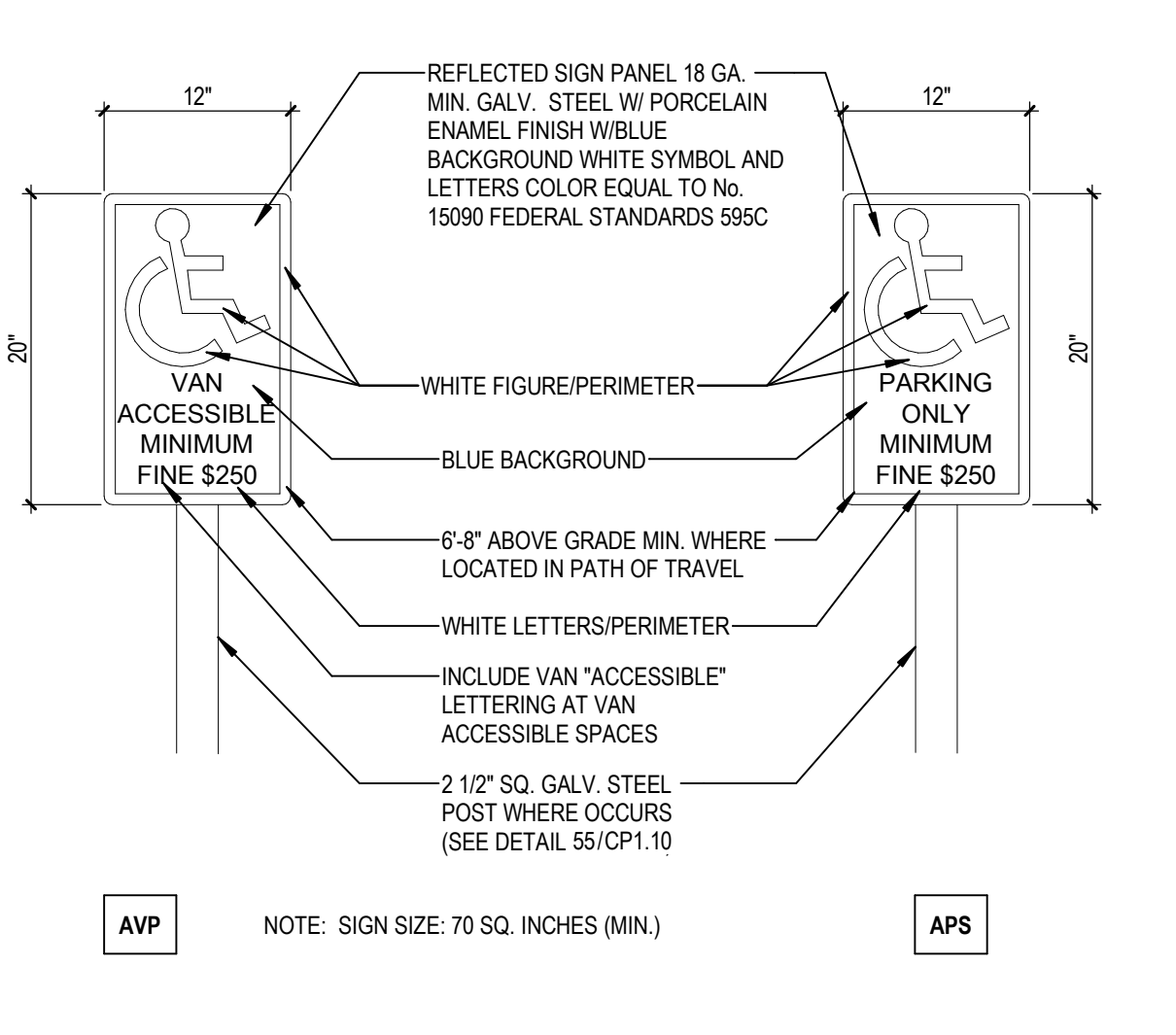
54 TOW AWAY SIGN
SCALE: 1 1/2\"/>



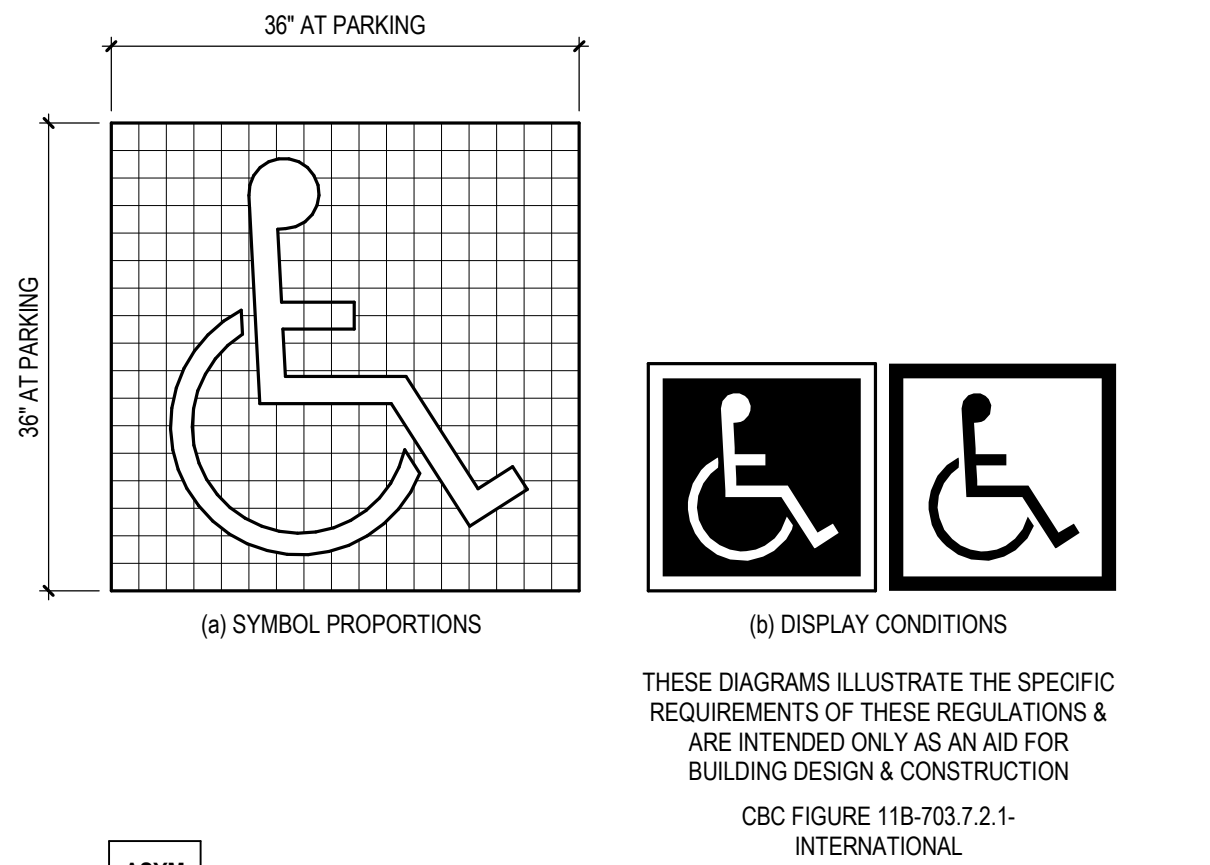
55 ACCESSIBLE PARKING SIGN POST
SCALE: 1/2\"/>



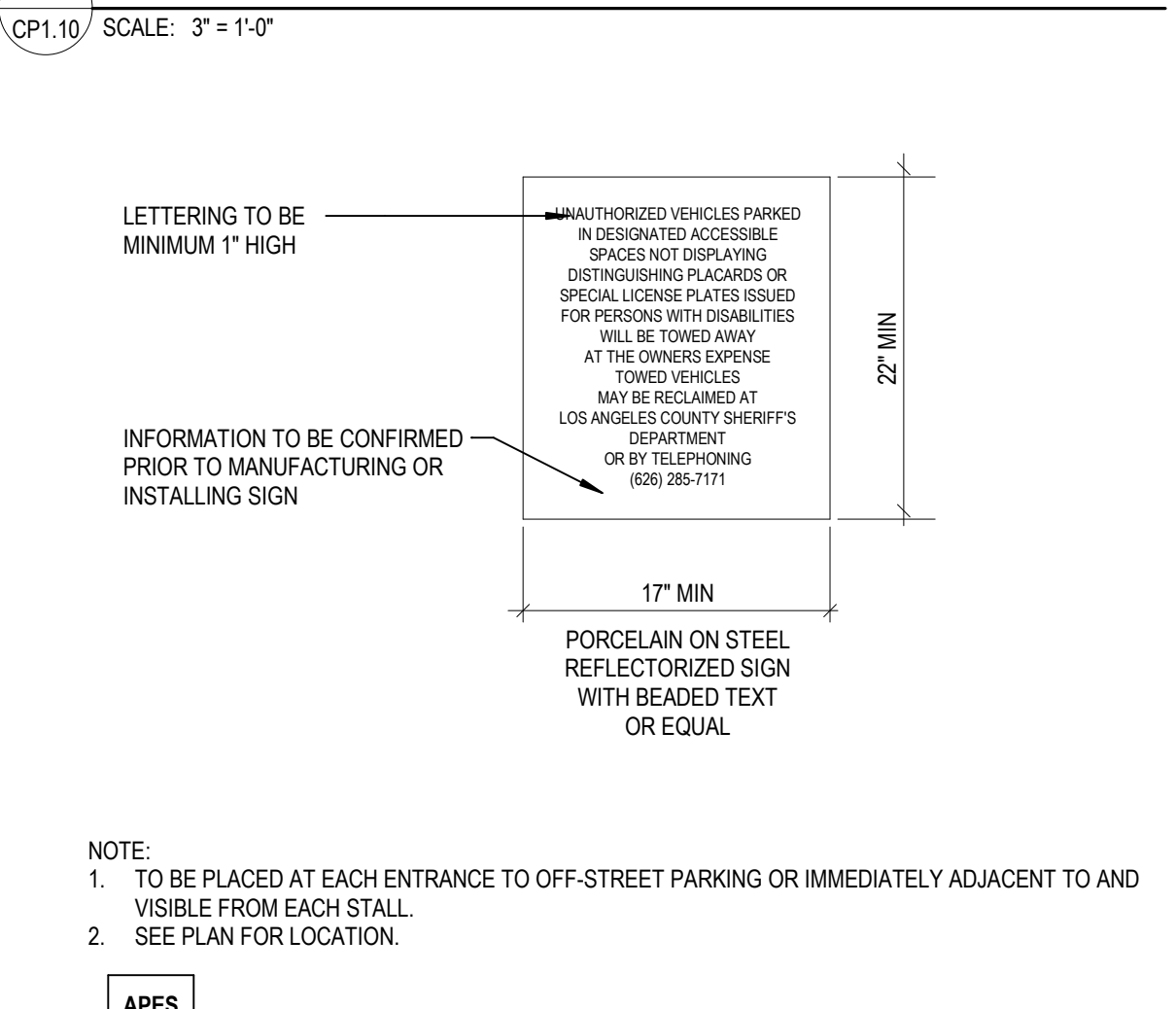
16 ACCESSIBLE SITE DIRECTIONAL SIGNAGE
SCALE: 1 1/2\"/>



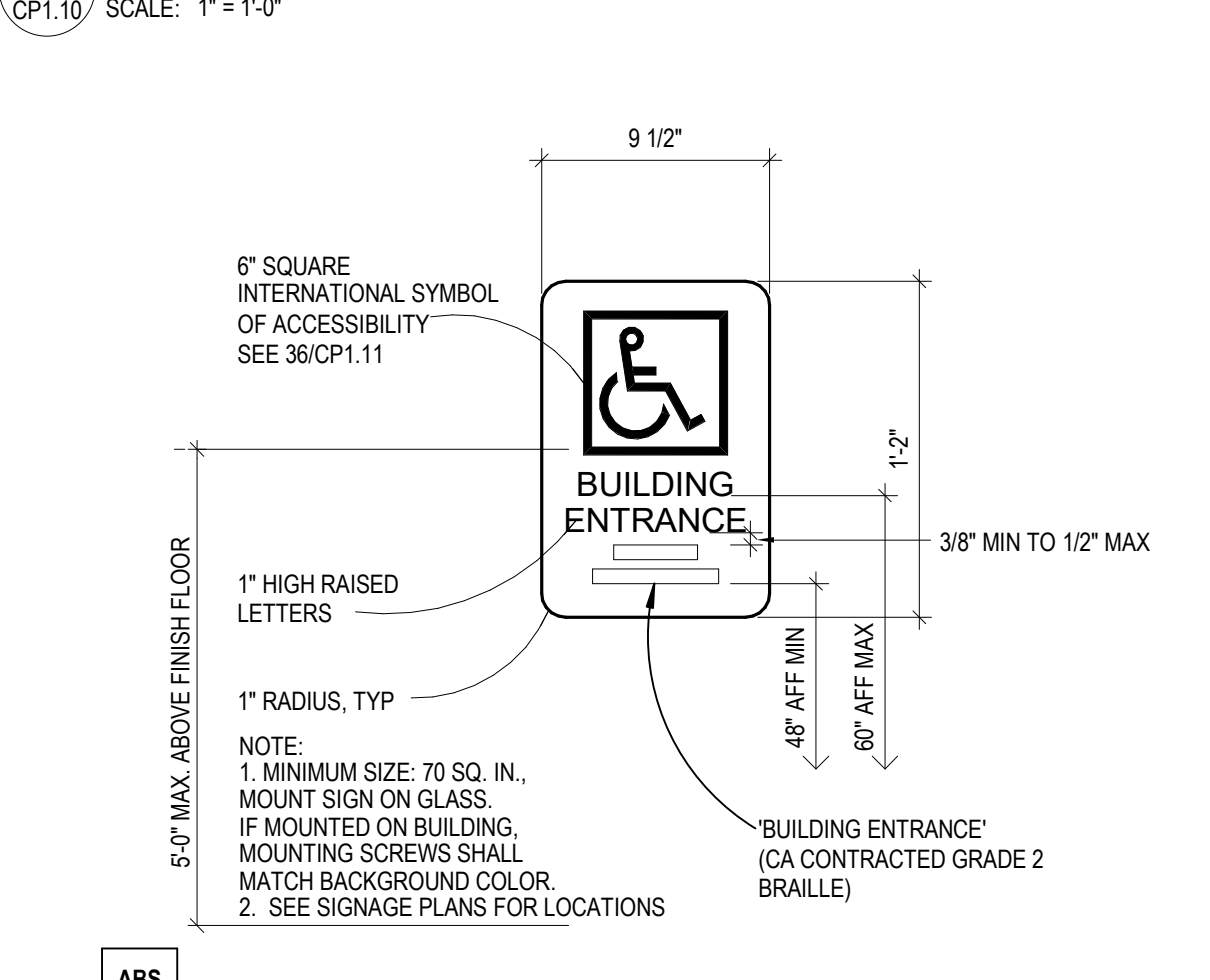
26 ACCESSIBLE PARKING SIGNS
SCALE: 1\"/>



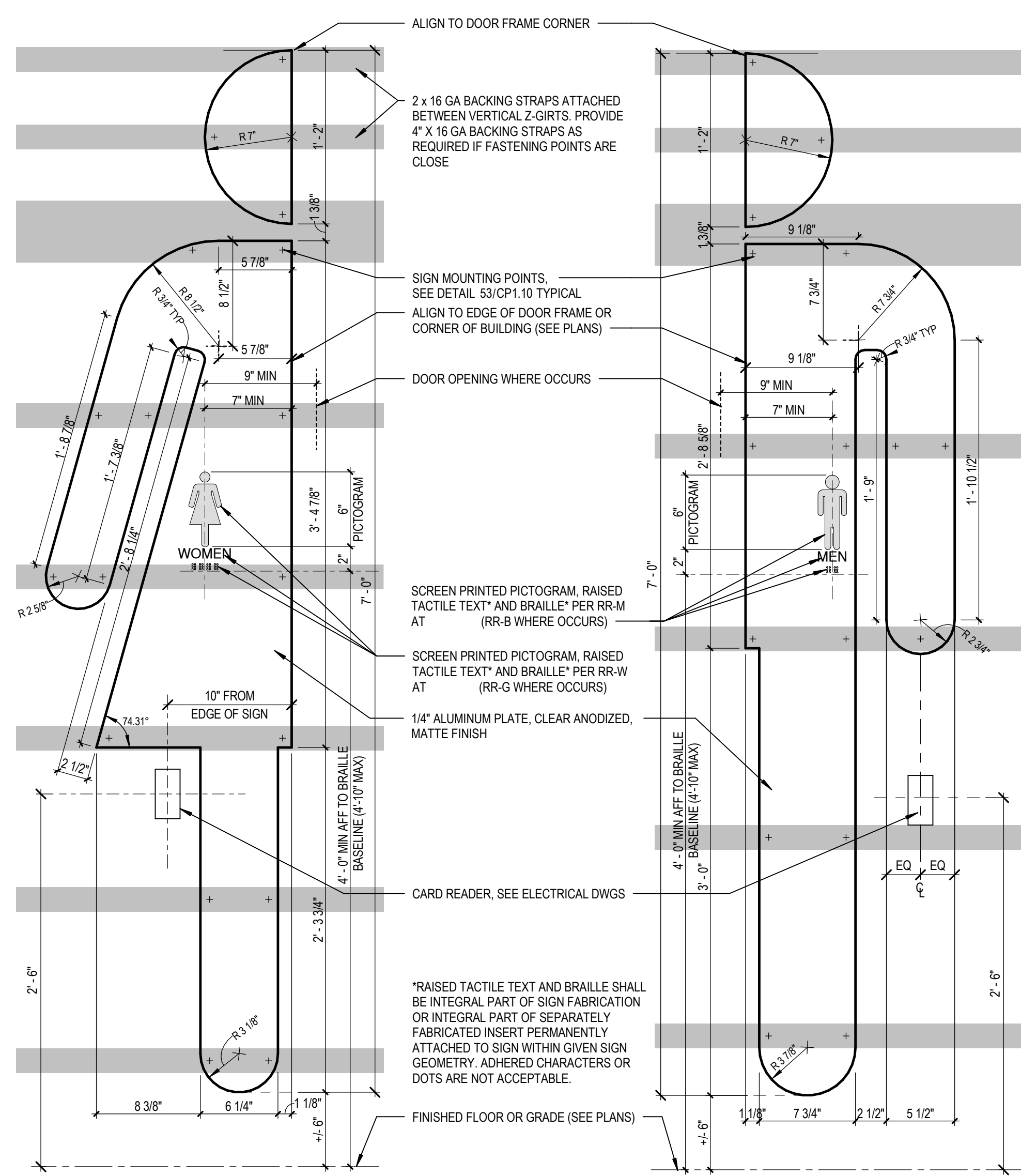
36 INTERNATIONAL SYMBOL OF ACCESSIBILITY
SCALE: 3\"/>



46 ACCESSIBLE PARKING ENTRANCE SIGN
SCALE: 1\"/>

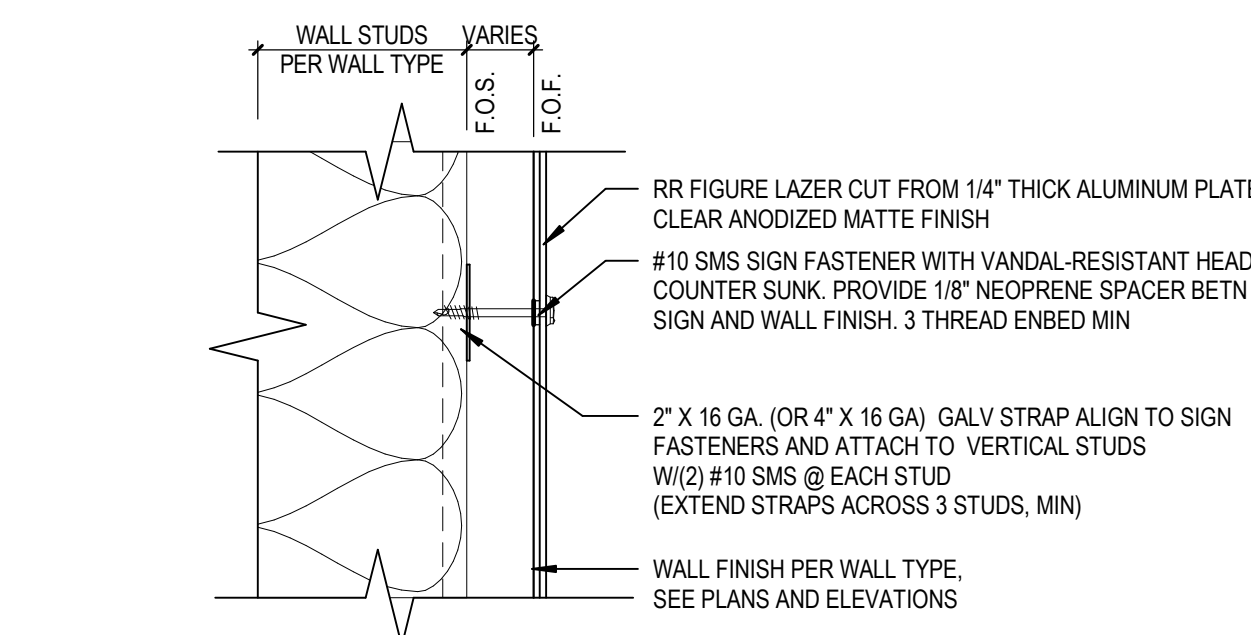


56 ACCESSIBLE BUILDING ENTRANCE
SCALE: 1 1/2\"/>



51 SIGNAGE RR-W-XL "RESTROOM FIGURE"
SCALE: 1 1/2\"/>

52 SIGNAGE RR-M-XL "RESTROOM FIGURE"
SCALE: 1 1/2\"/>

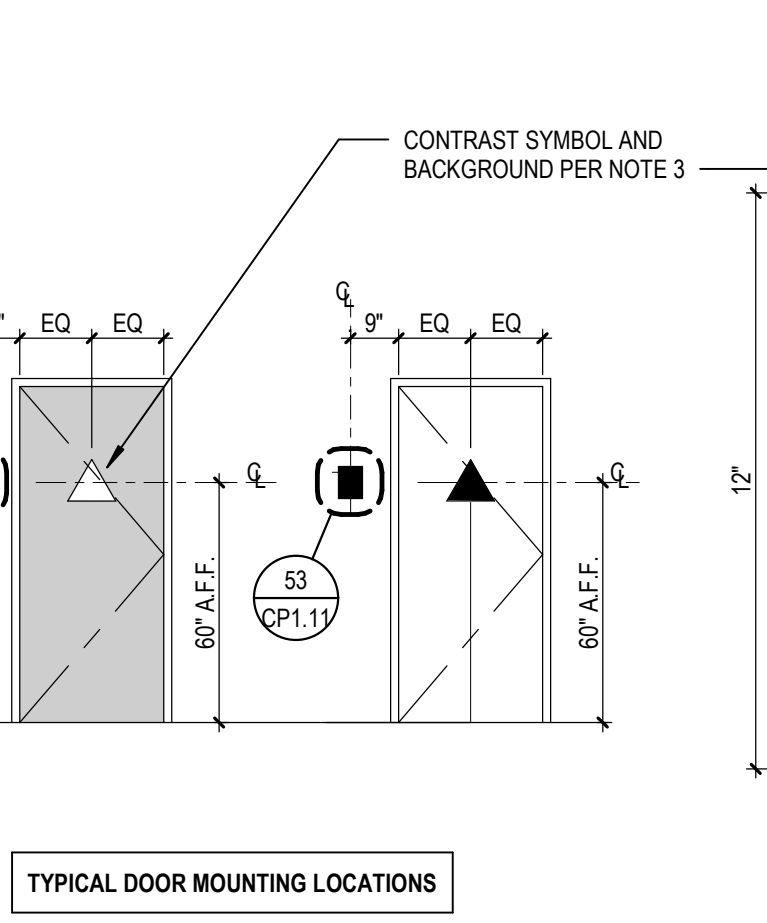
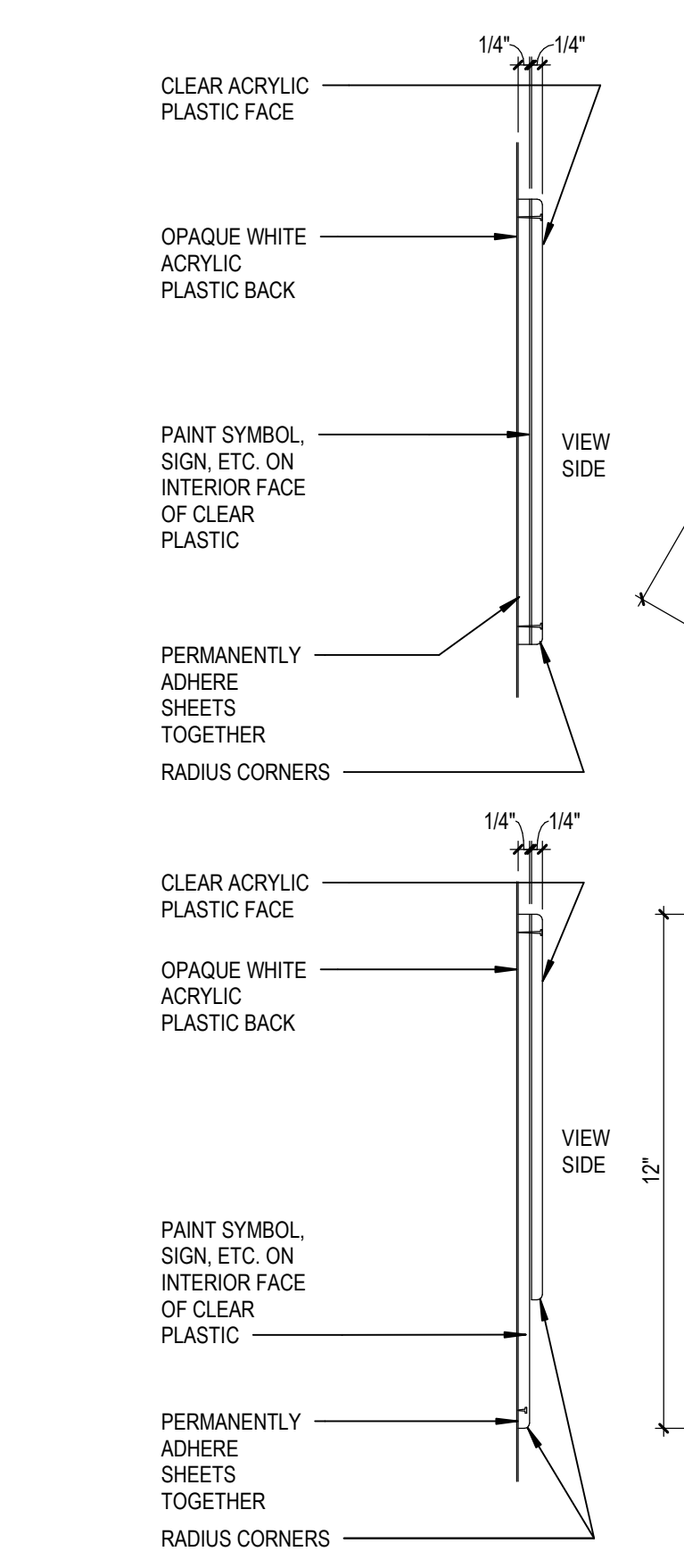
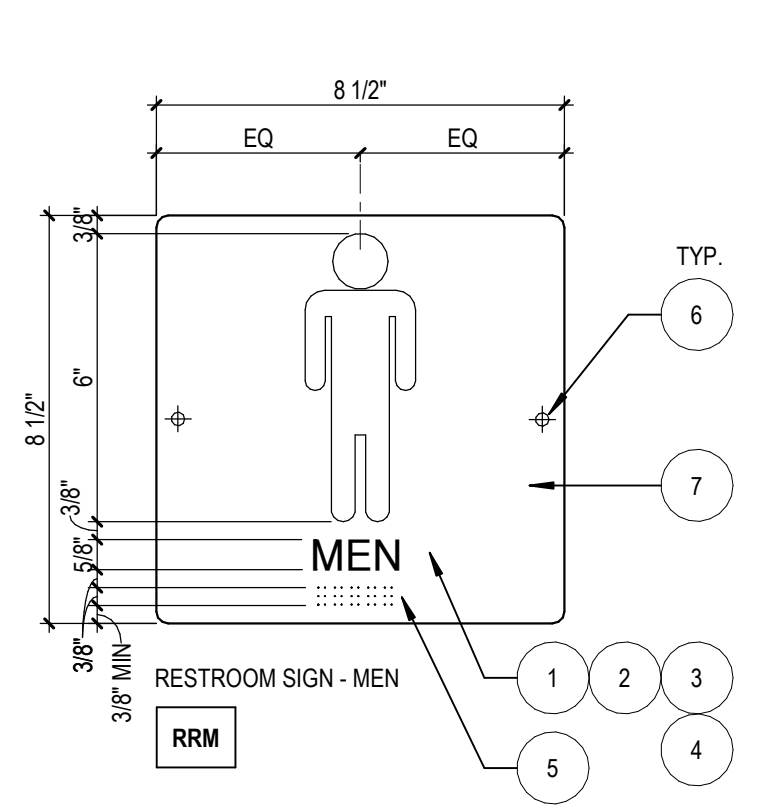
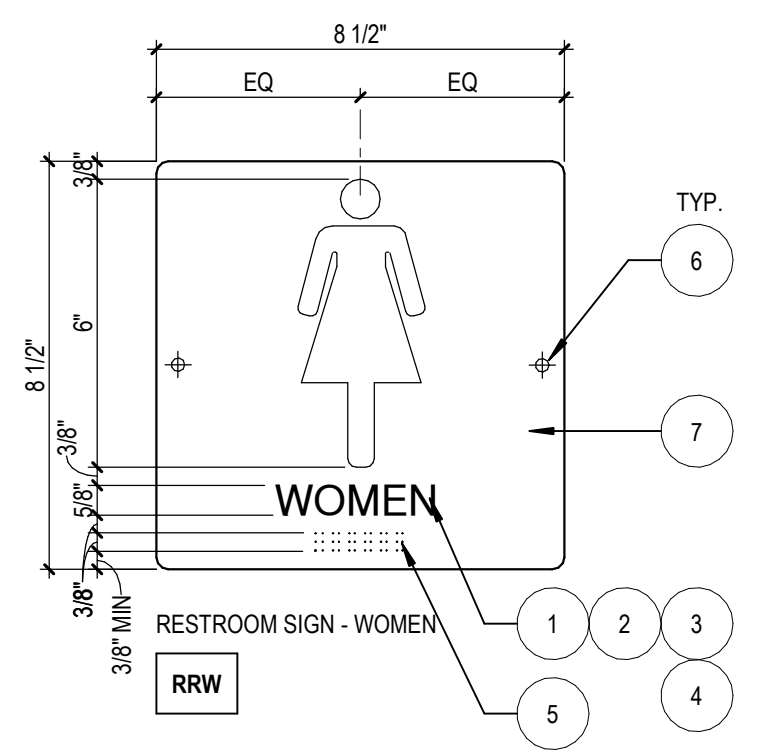
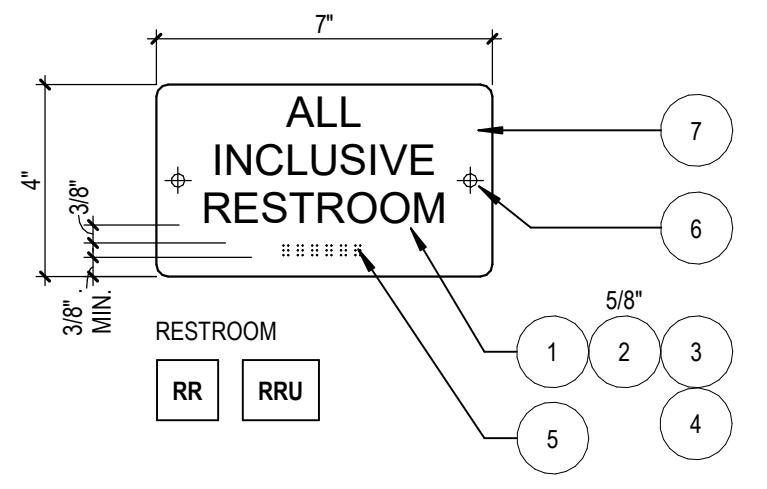


53 SIGNAGE RR-XL MOUNTING (SECTION)
SCALE: 3\"/>

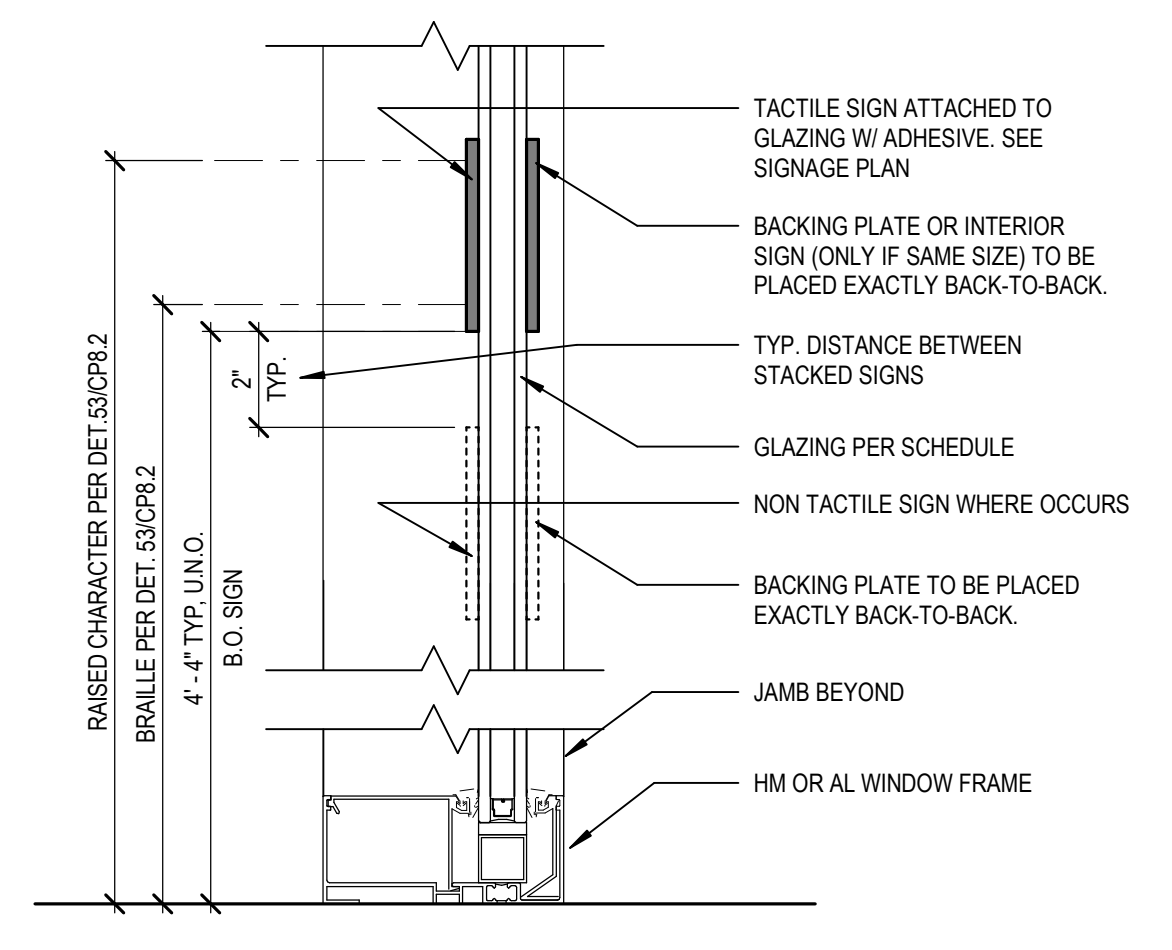
54 TOW AWAY SIGN
SCALE: 1 1/2\"/>

55 ACCESSIBLE PARKING SIGN POST
SCALE: 1/2\"/>

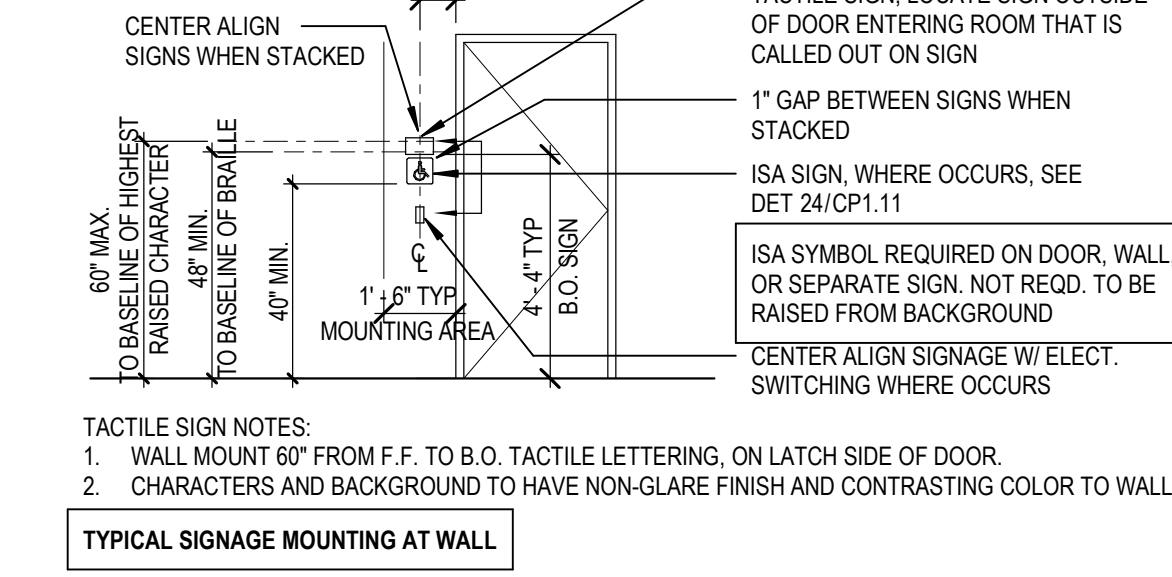
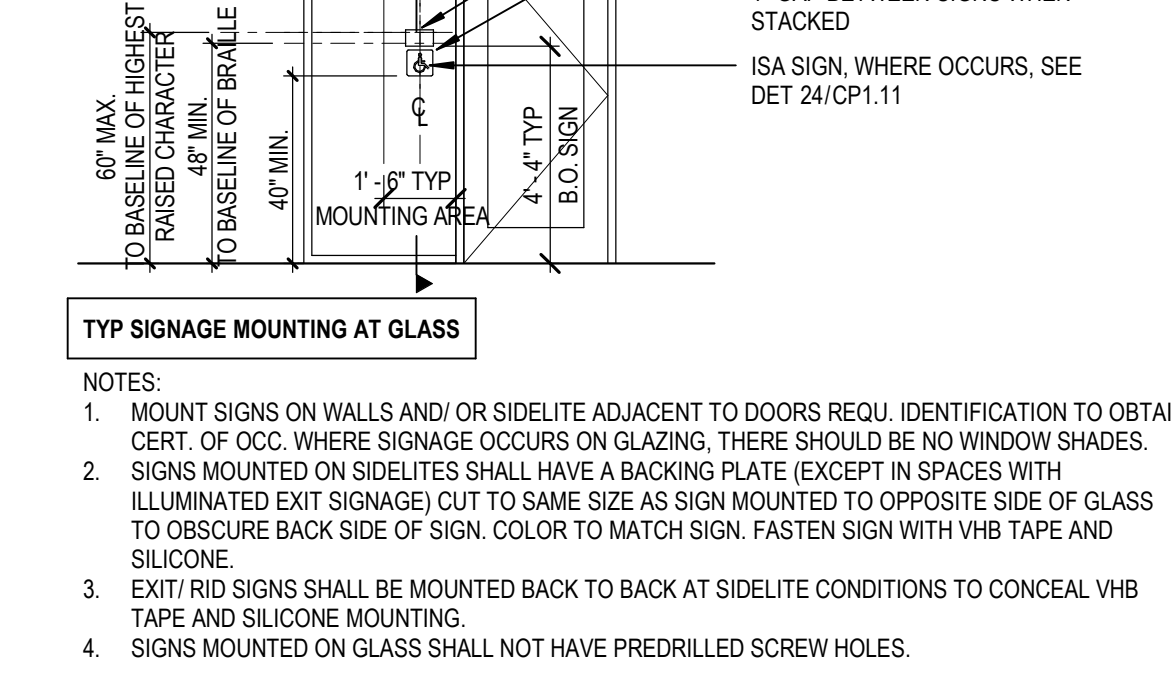
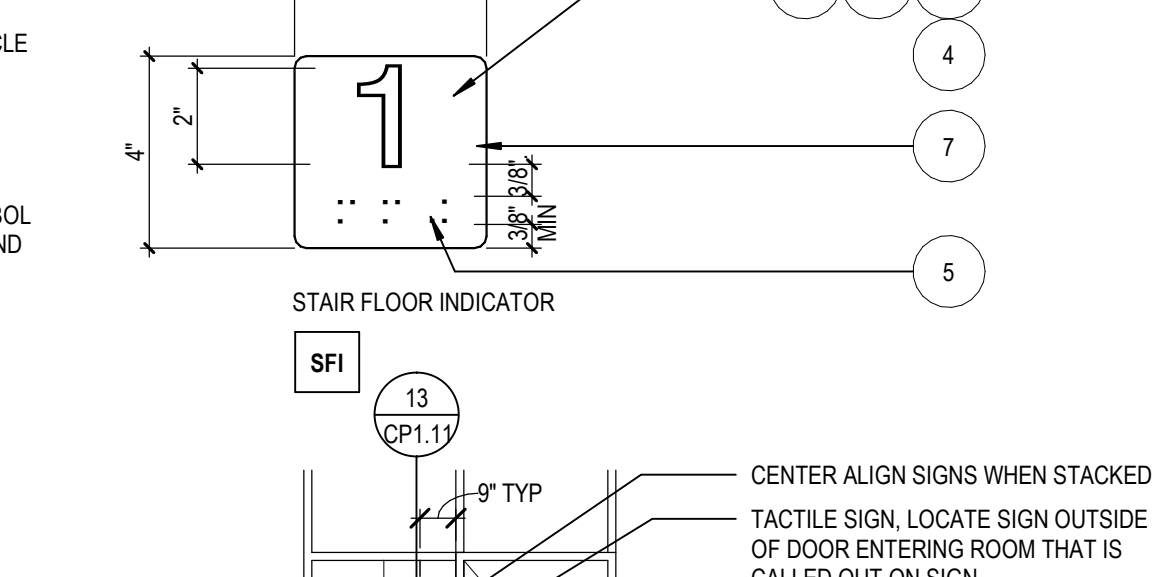
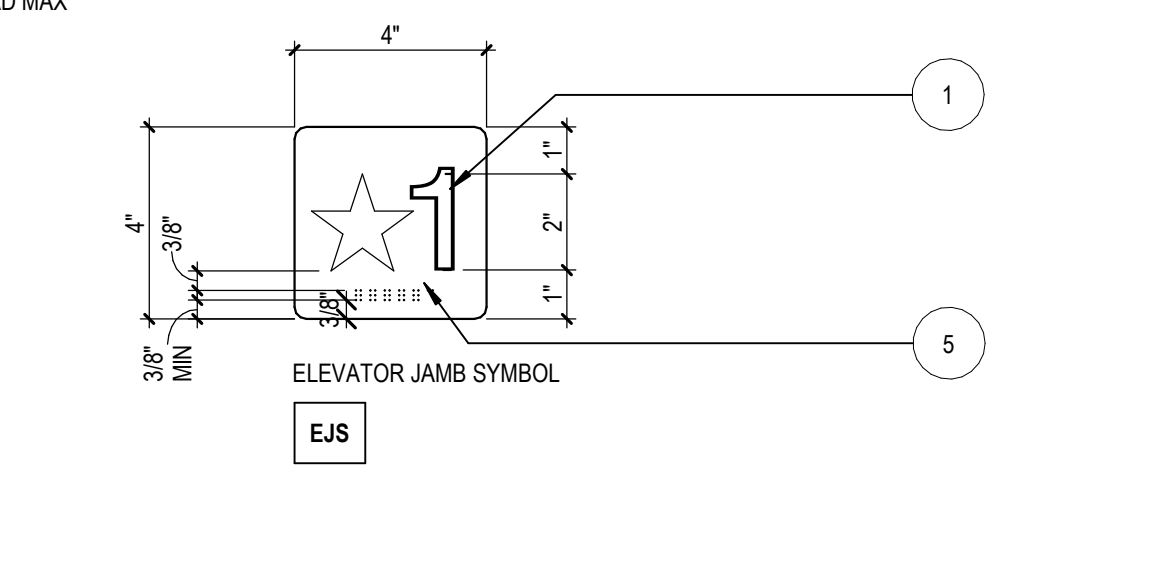
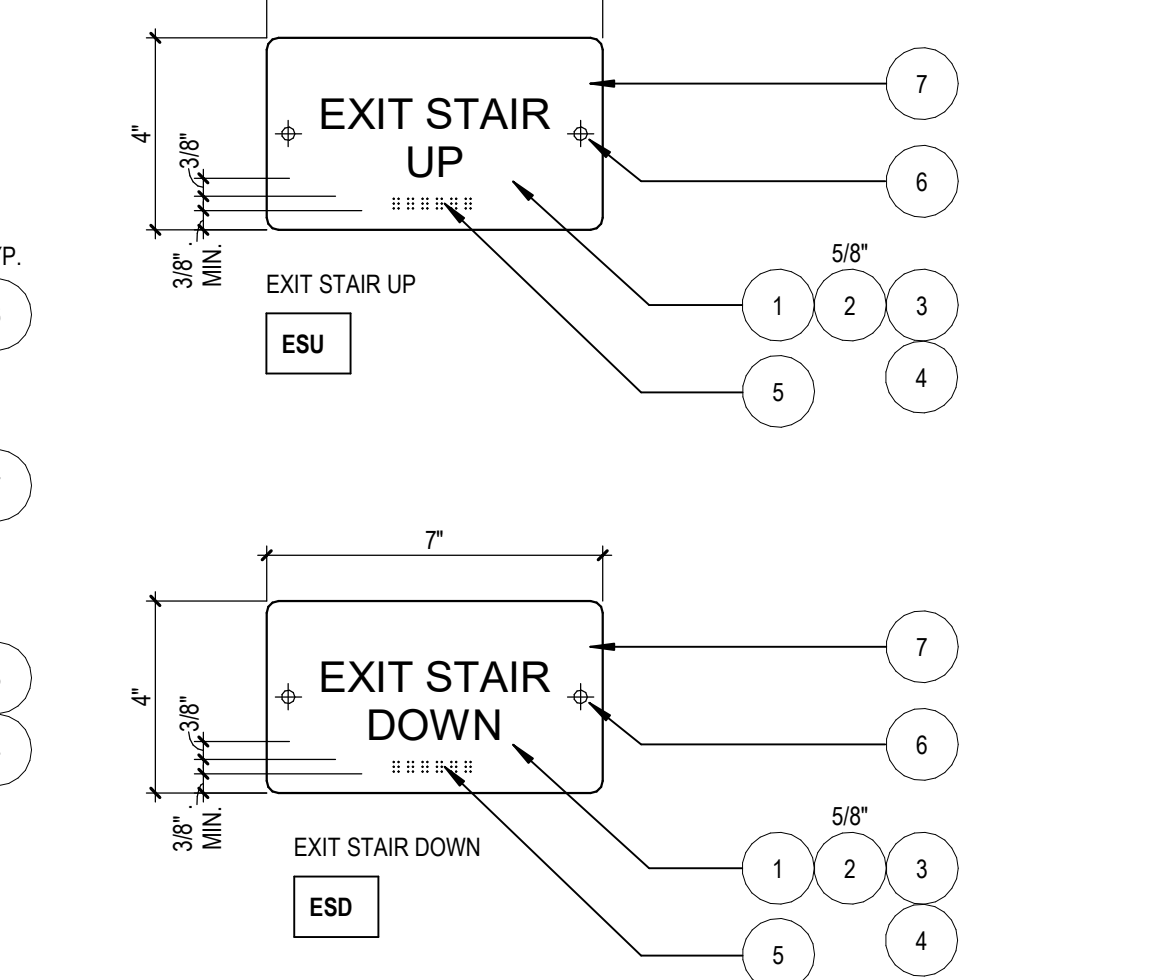
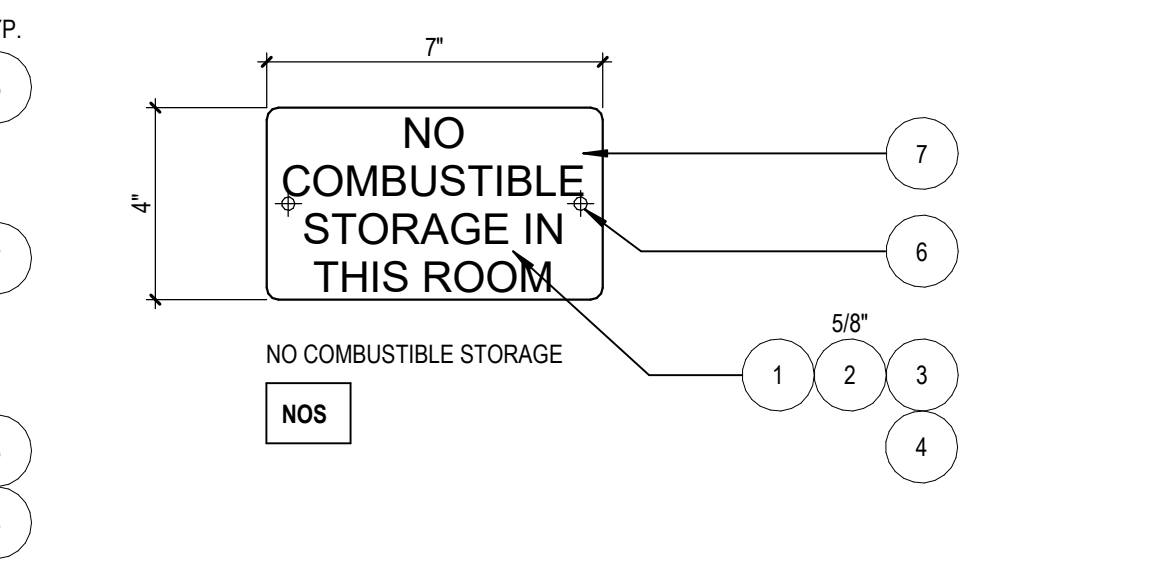
56 ACCESSIBLE BUILDING ENTRANCE
SCALE: 1 1/2\"/>



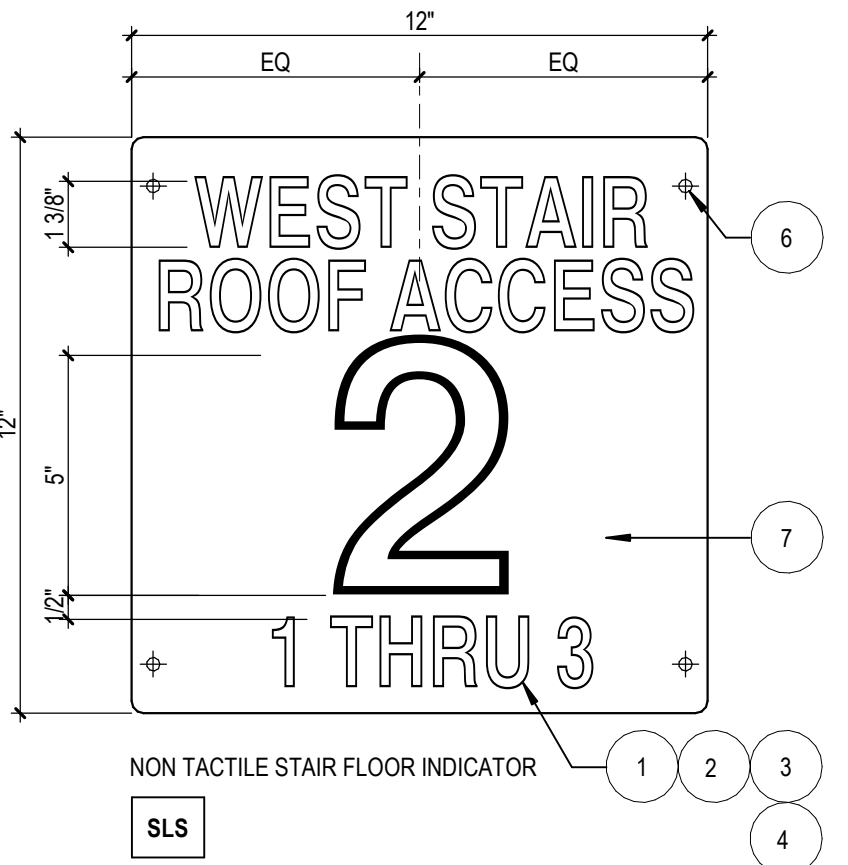
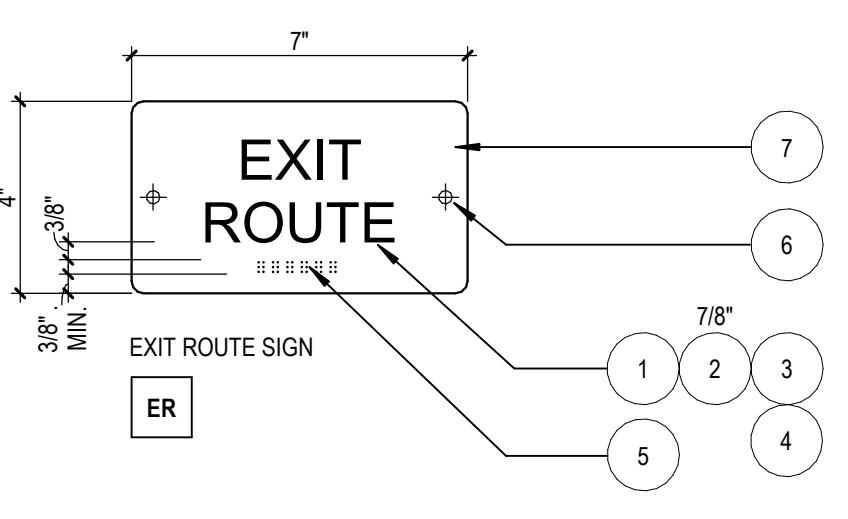
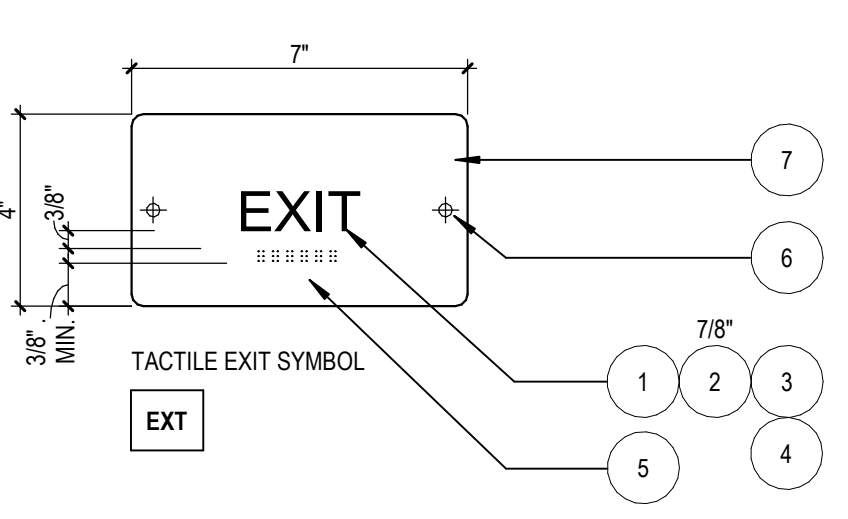
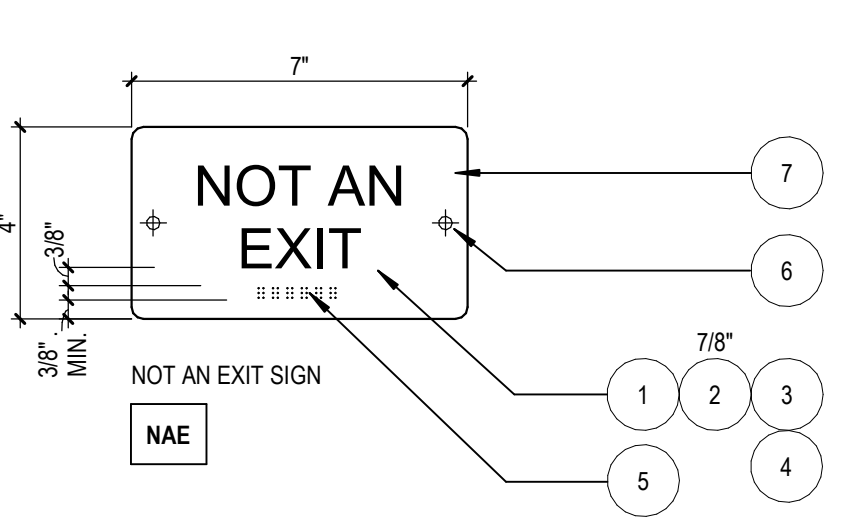
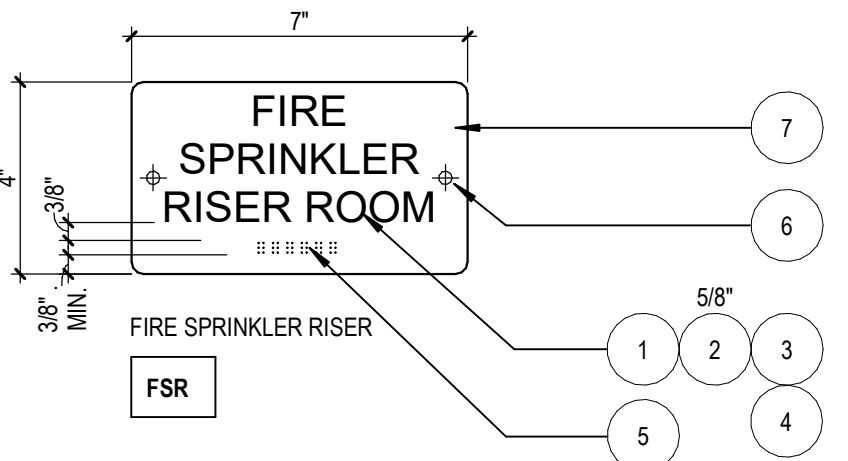
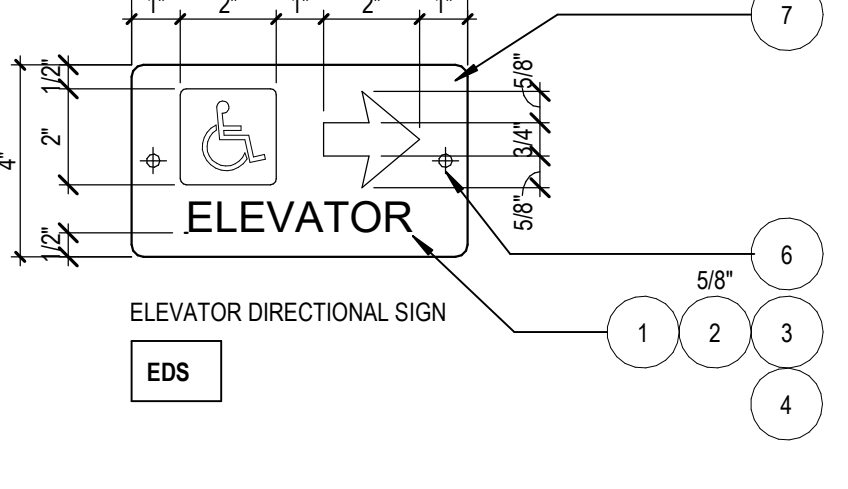
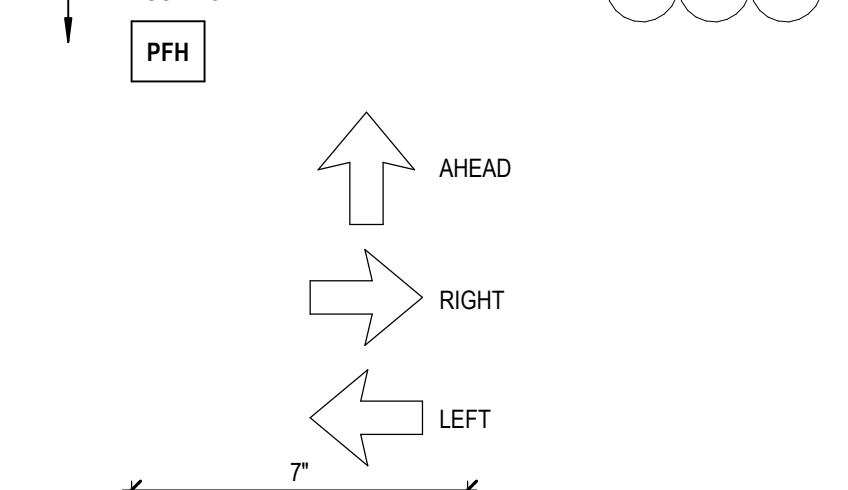
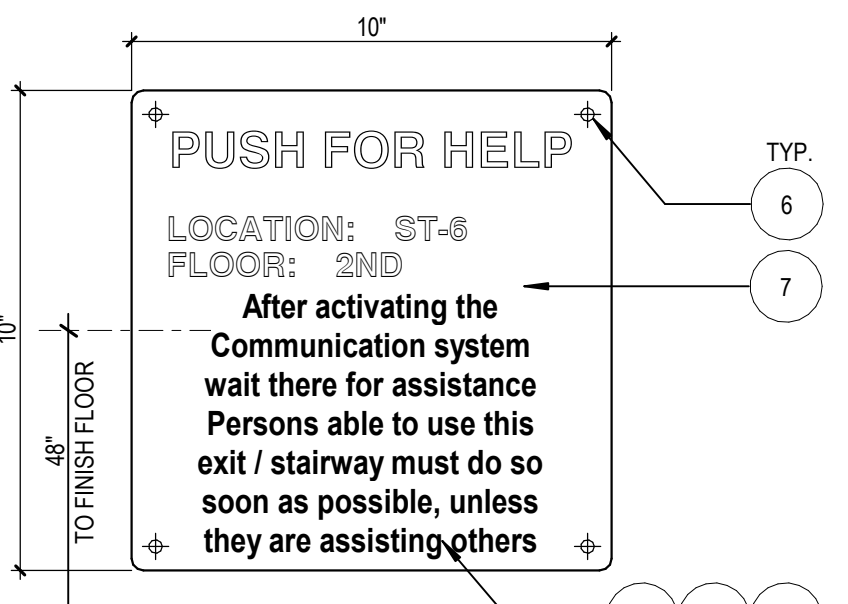
51 RESTROOM SIGNAGE AT WALL/DOOR
CP1.11 SCALE: 3" = 1'-0"



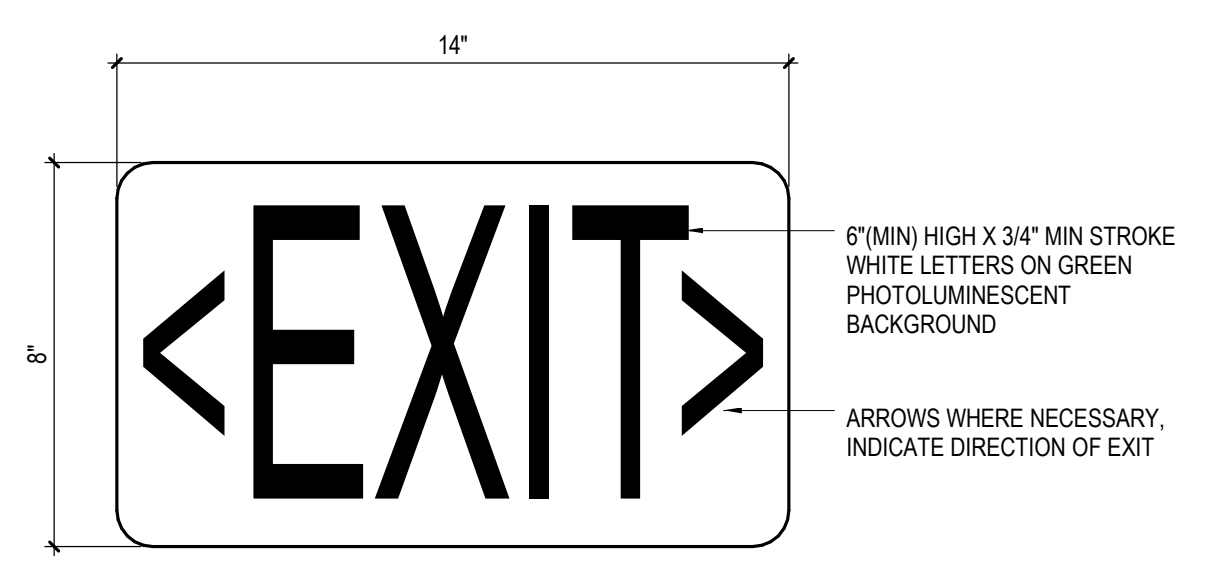
52 SIGN ATTACHMENT AT GLASS
CP1.11 SCALE: 3" = 1'-0"



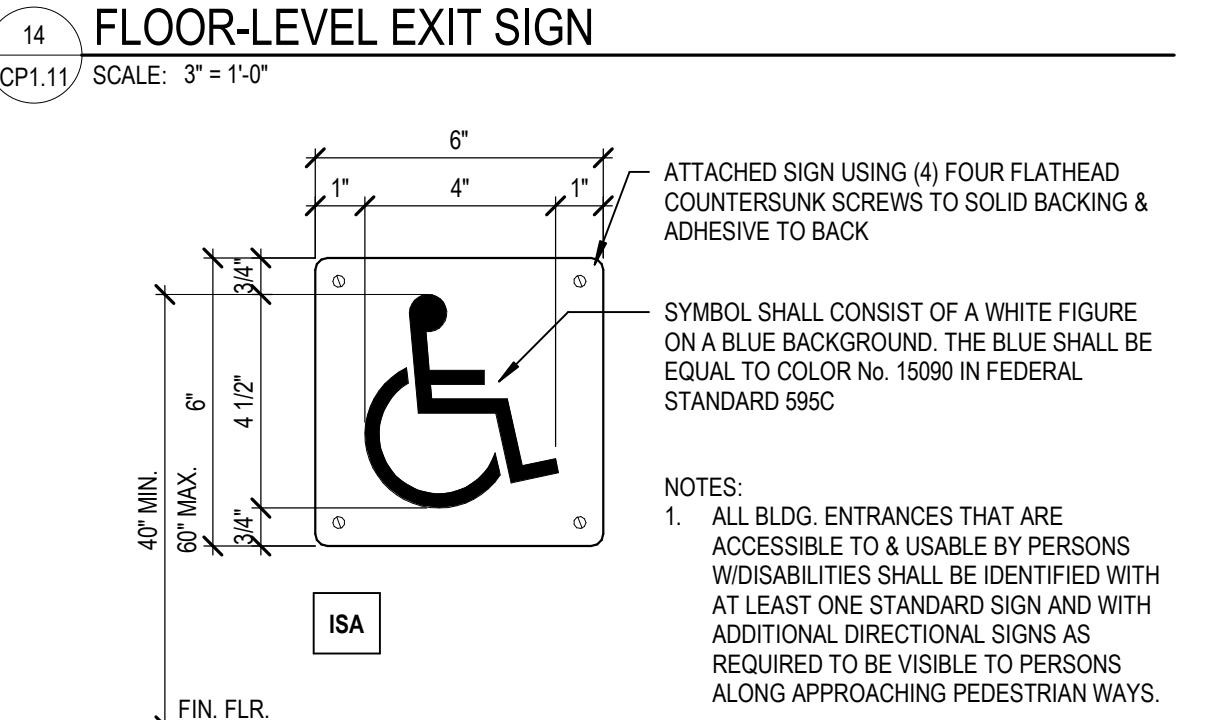
53 SIGNAGE AT WALL/DOOR
CP1.11 SCALE: 3" = 1'-0"



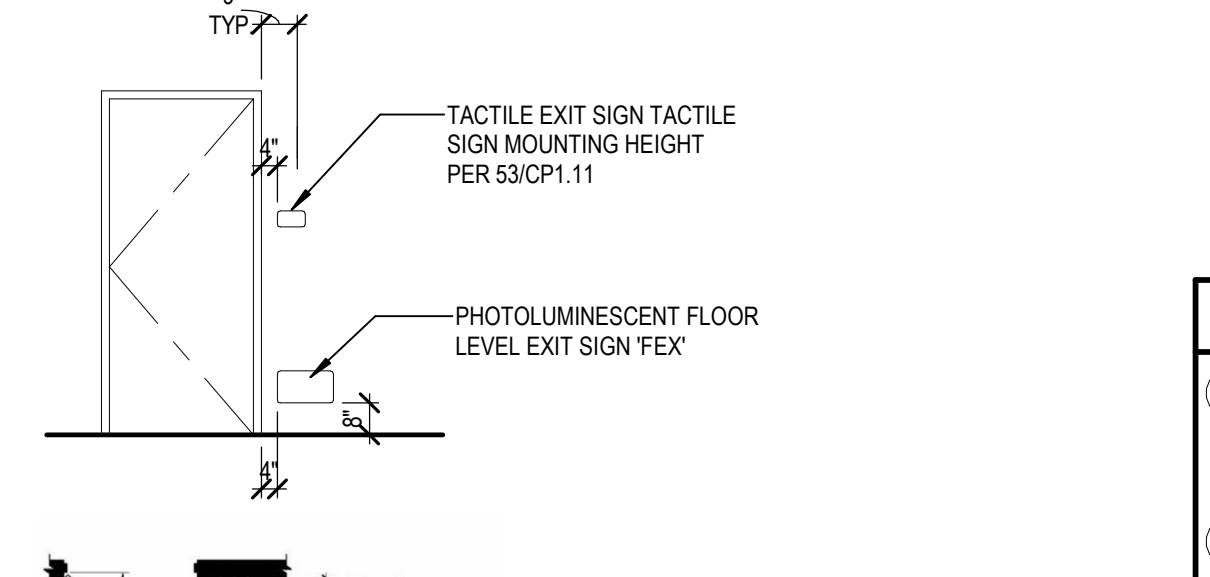
54 EMERGENCY EGRESS MAP
CP1.11 SCALE: 3" = 1'-0"



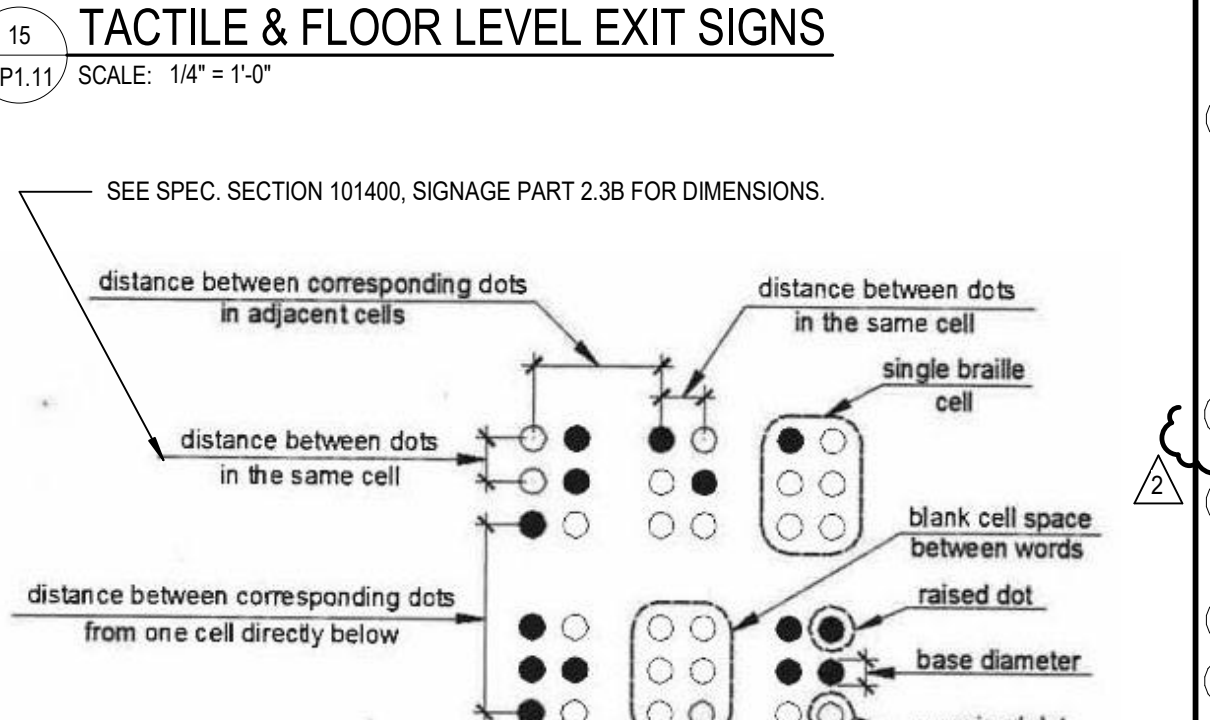
72 FLOOR-LEVEL EXIT SIGN
CP1.11 SCALE: 3" = 1'-0"



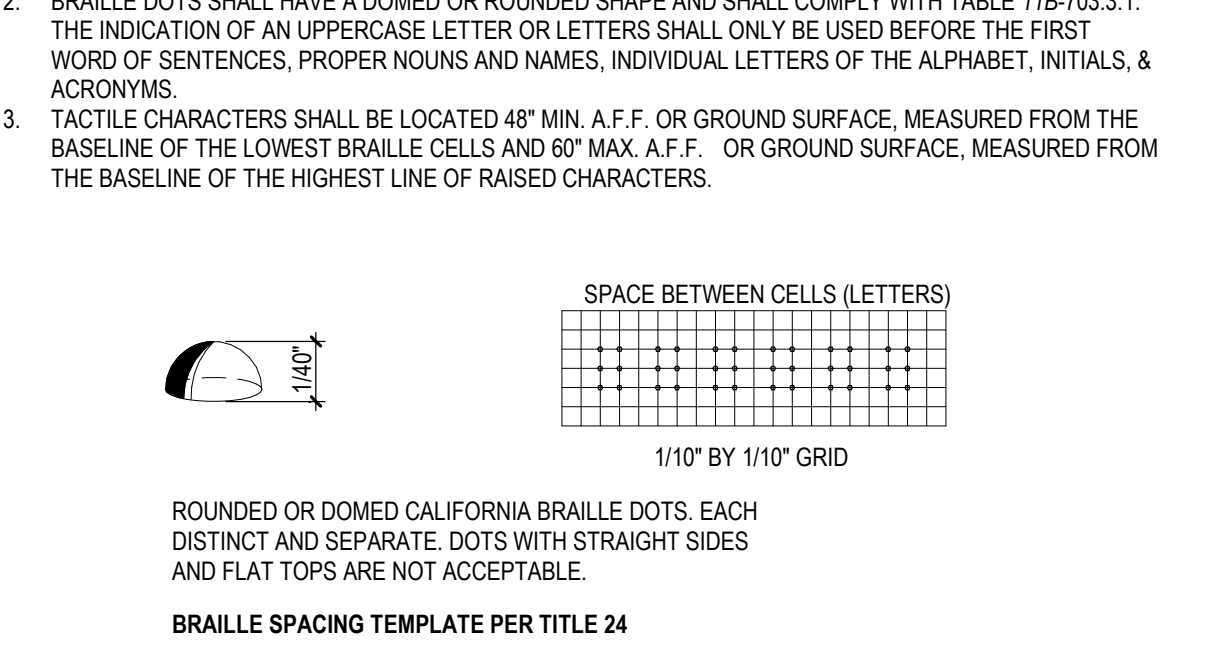
74 INTERNATIONAL SIGN OF ACCESSIBILITY
CP1.11 SCALE: 3" = 1'-0"



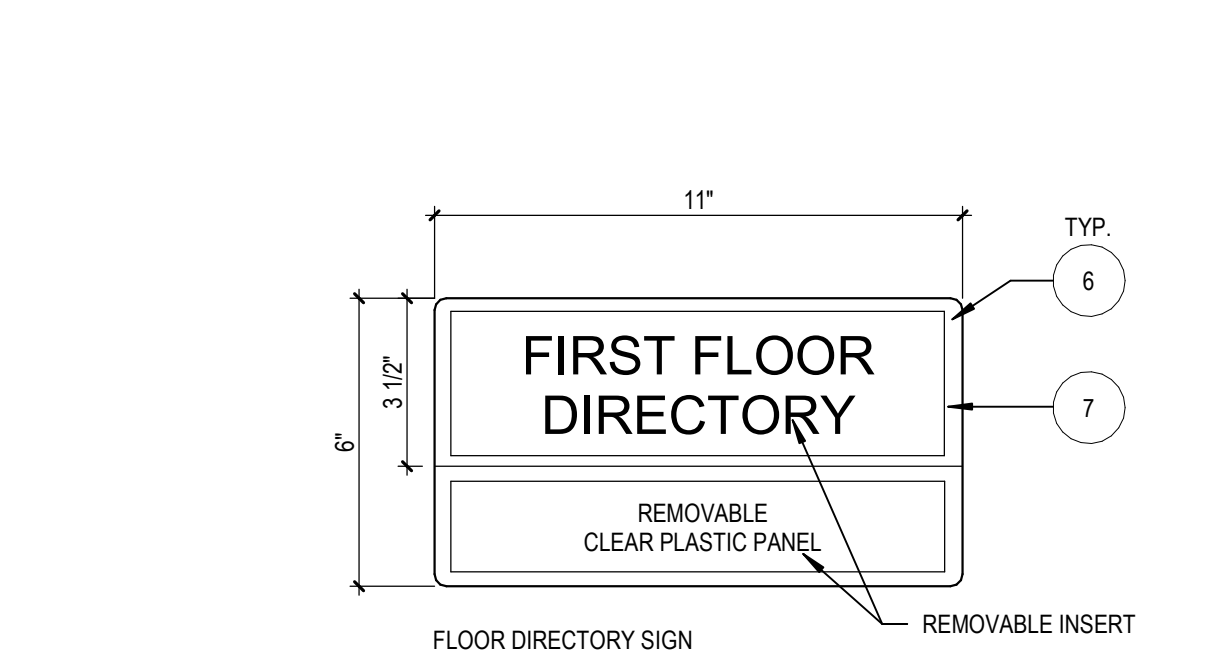
76 TACTILE & FLOOR LEVEL EXIT SIGNS
CP1.11 SCALE: 1/4" = 1'-0"



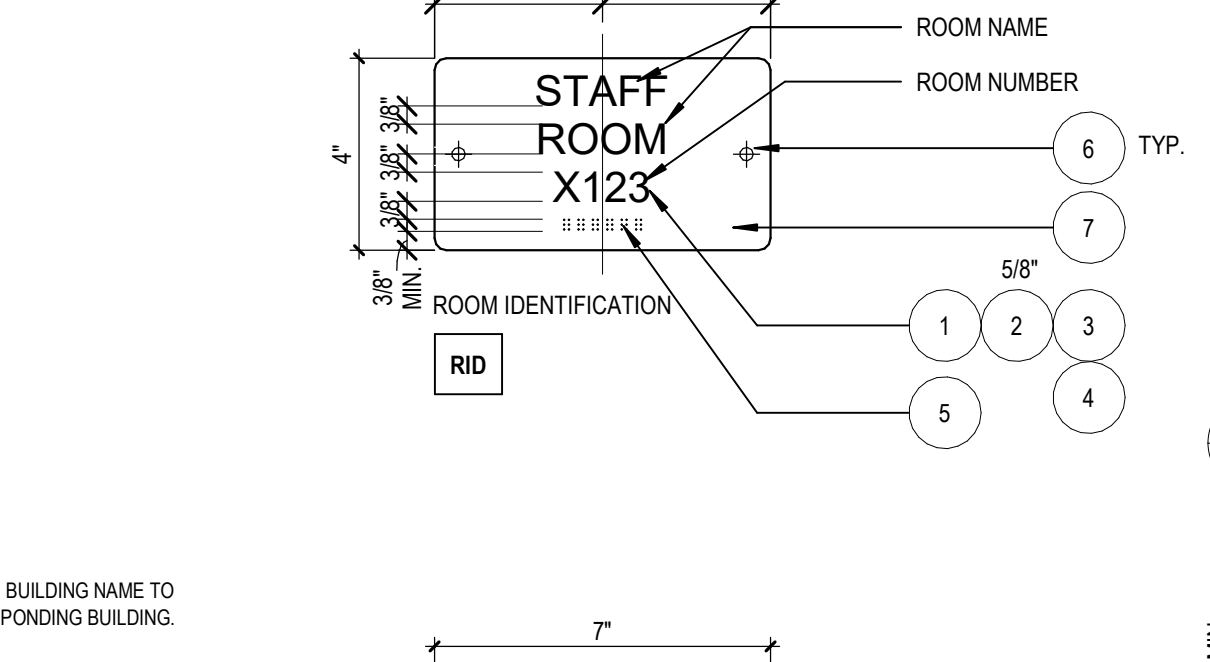
78 BRaille SPACING TEMPLATE PER TITLE 24



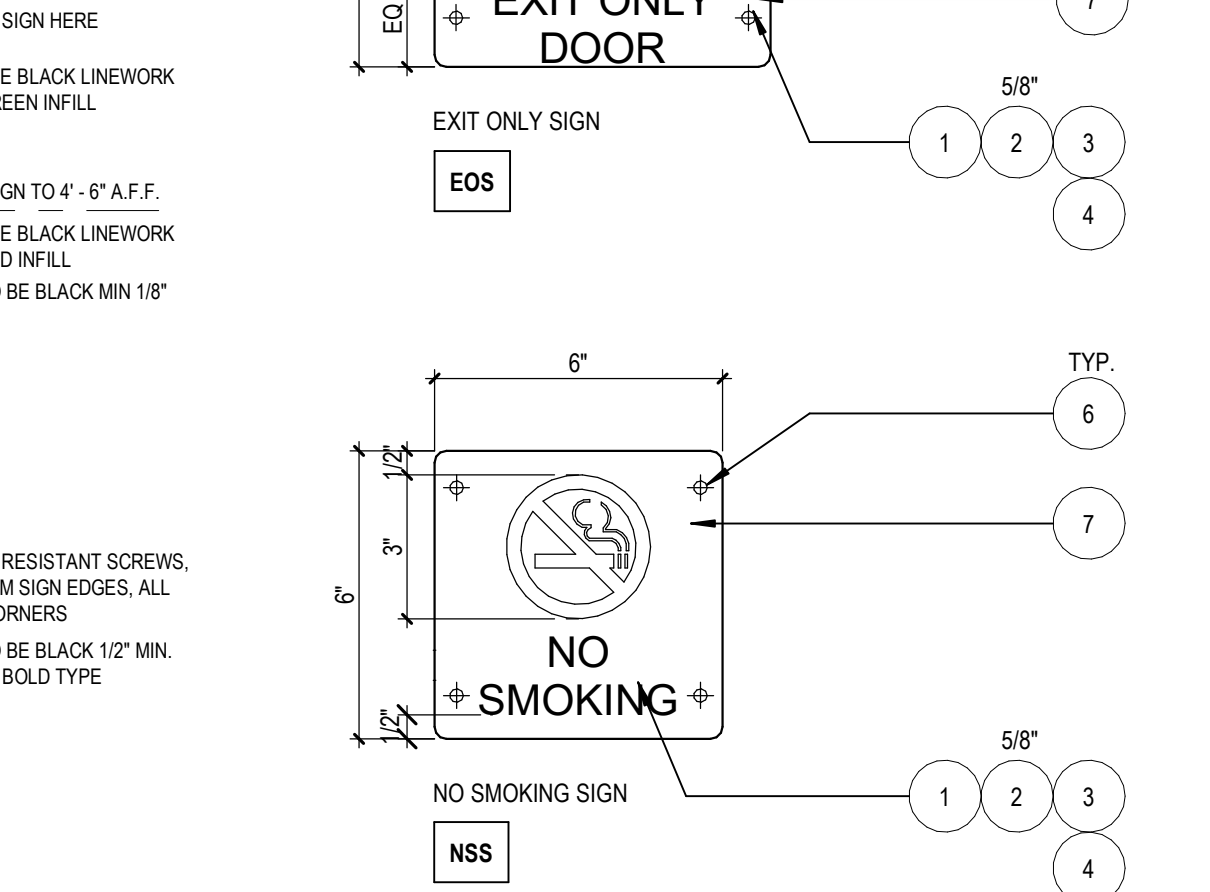
80 CHARACTER PROPORTIONS
CP1.11 SCALE: 6" = 1'-0"



82 SIGNAGE TEMPLATES
CP1.11 SCALE: 1/2" = 1'-0"



84 SIGNAGE TEMPLATES
CP1.11 SCALE: 3" = 1'-0"



86 ROOM SIGNAGE
CP1.11 SCALE: 3" = 1'-0"

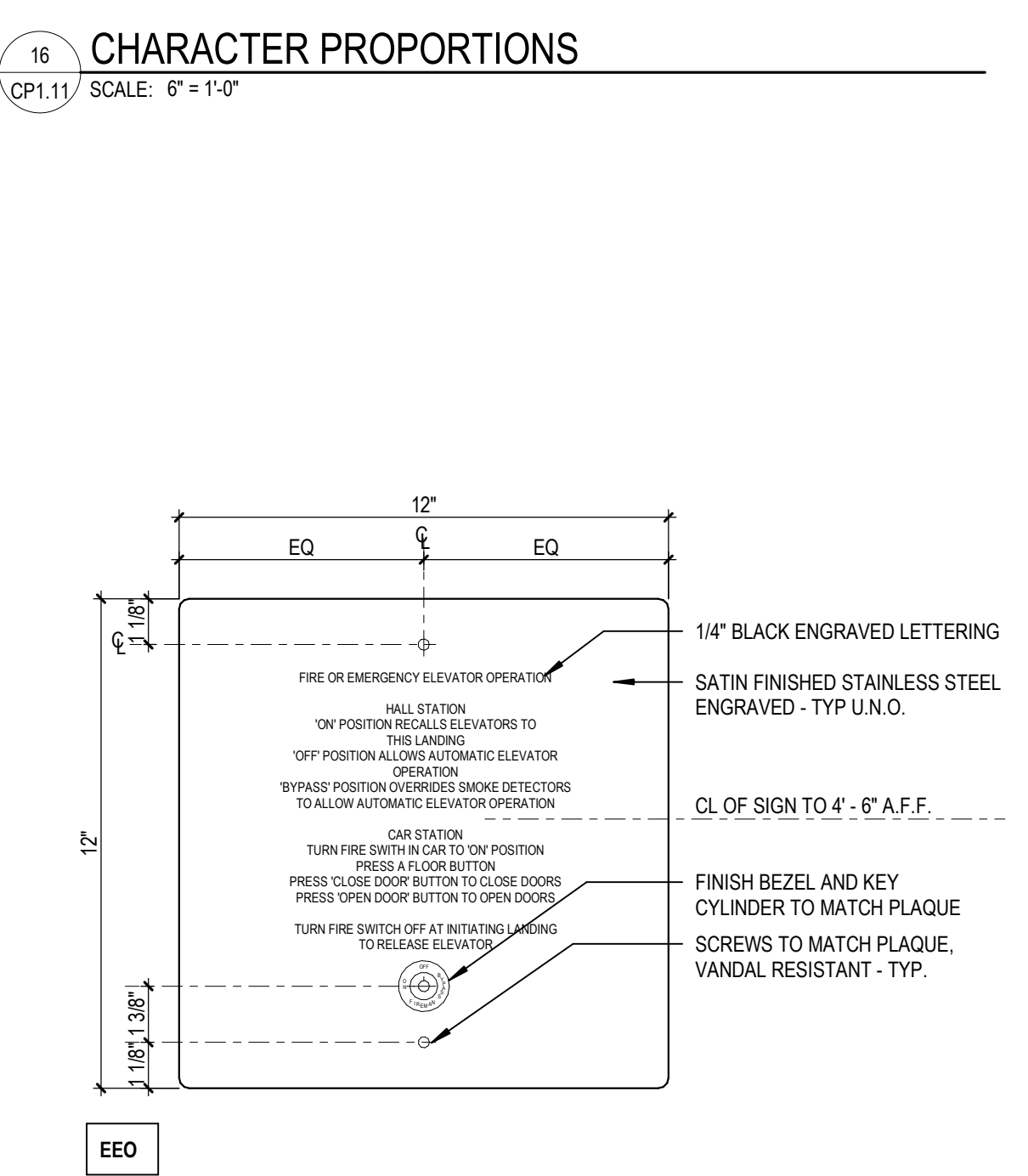
SIGNAGE NOTES

- CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" (0.754 mm) MINIMUM ABOVE THEIR BACKGROUND AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. (SEE NOTE 5 BELOW) CBC 11B-703.2.1 & 11B-703.2.2 & 11B-703.2.3
- CHARACTER SIZE: CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" INCH (15.9 mm) MINIMUM AND 2" (51mm) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER 'T'. CBC 11B-703.2.5 FONT: ARIAL. SEE HEIGHT ON INDIVIDUAL SIGN DETAILS
- FINISH AND CONTRAST: SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THE BACKGROUND WITH EITHER A LIGHT SYMBOL ON A DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND. CBC 11B-703.7.1
- PROPORTIONS: VISUAL CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER 'O' IS 60% MIN AND 110% MAX OF THE HEIGHT OF THE UPPERCASE LETTER 'T'. STROKE THICKNESS OF THE UPPERCASE 'T' SHALL BE 15% MAX OF THE HEIGHT OF THE CHARACTER.
- BRAILLE: BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH SECTIONS 11B-703.3 AND 11B-703.4 DIMENSIONS AND CAPITALIZATION: BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 11B-703.3.1. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS. CBC 11B-703.3.1 (BRAILLE TO BE FLUSH LEFT OR CENTERED BELOW TEXT) NOTE: SEE DETAIL 53- FOR TYPICAL MOUNTING HEIGHTS
- ATTACH SIGN USING (2) TWO FLATHEAD TAMPER PROOF SCREWS DRILLED AND COUNTERSUNK TO SOLID BACKING & ADHESIVE TO BACK. FASTENERS SHALL BE S.S. WITH MIN. 1-1/2" EMBED.
- PLATE OF 1/8" THICK PHOTO SENSITIZED ACRYLIC ETCHED TO FORM A SINGLE PLAQUE. SIGNS WILL BE (2) COLOR SIGN WITH LIGHT BACKGROUND & DARK CHARACTERS. COLORS TO BE DETERMINED BY ARCHITECT.
- ALL ROOM LOCATION OF SIGNAGE SHALL BE REVIEWED BY OWNER BEFORE INSTALLATION
- INTERNATIONAL SYMBOL OF ACCESSIBILITY 6" X 6" W/ SHOWN ONLY WHERE EXIT IS ACCESSIBLE

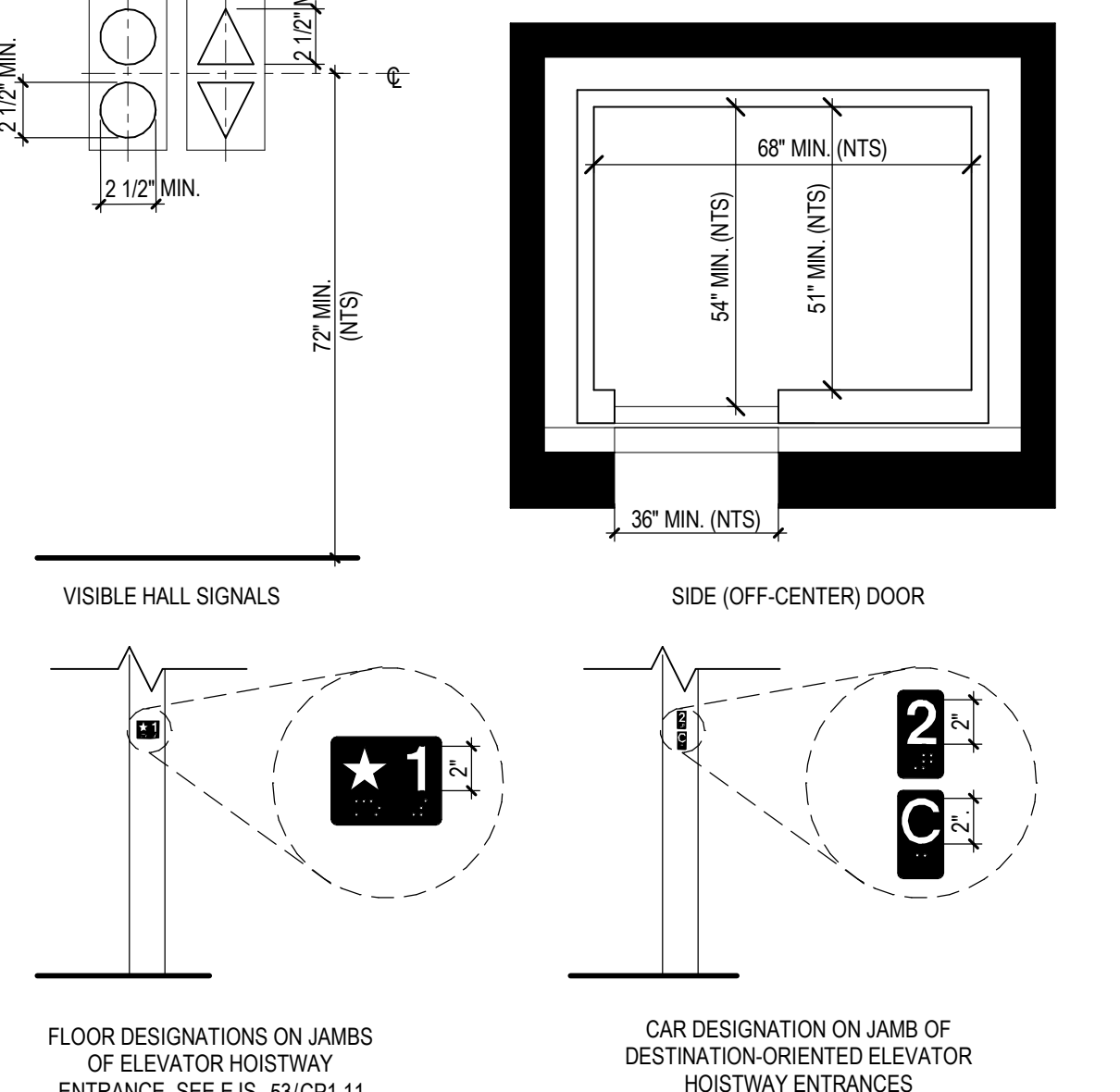
VISUAL CHARACTERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER 'O' IS 60% MIN AND 110% MAX OF THE HEIGHT OF THE UPPERCASE LETTER 'T'. STROKE THICKNESS OF THE UPPERCASE 'T' SHALL BE 15% MIN AND 20% MAX OF THE HEIGHT OF THE CHARACTER.

TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HIGH PROPORTIONS.

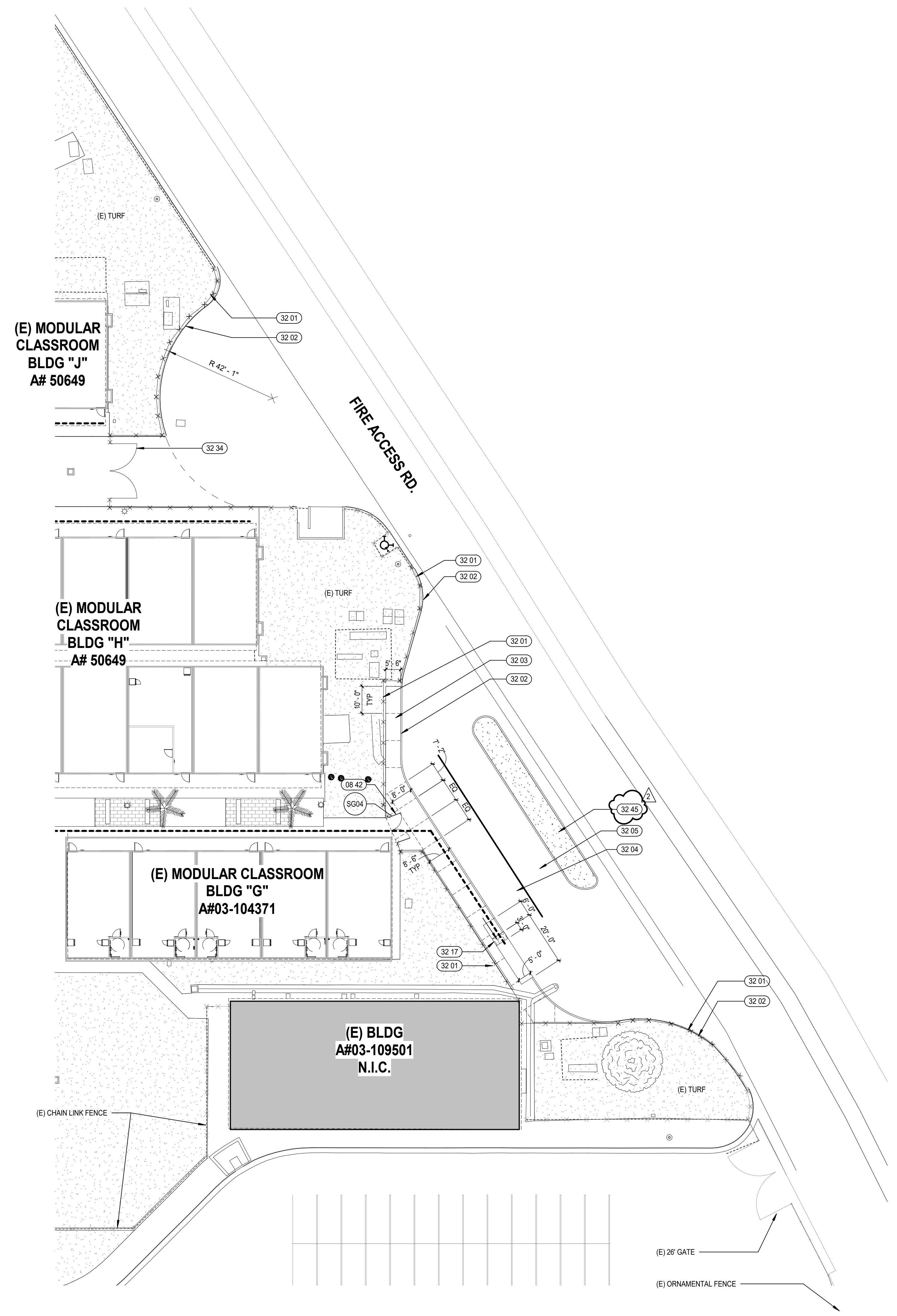
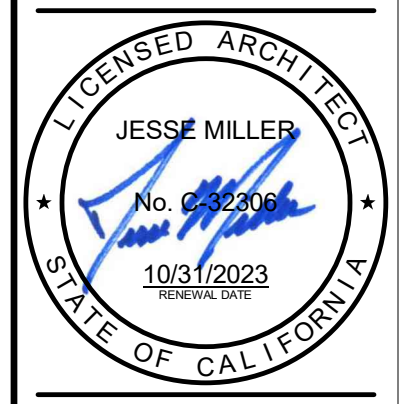
1:1	3:5	1:5	1:10
110%	60%	20%	10%
CHARACTER WIDTH		STROKE WIDTH	



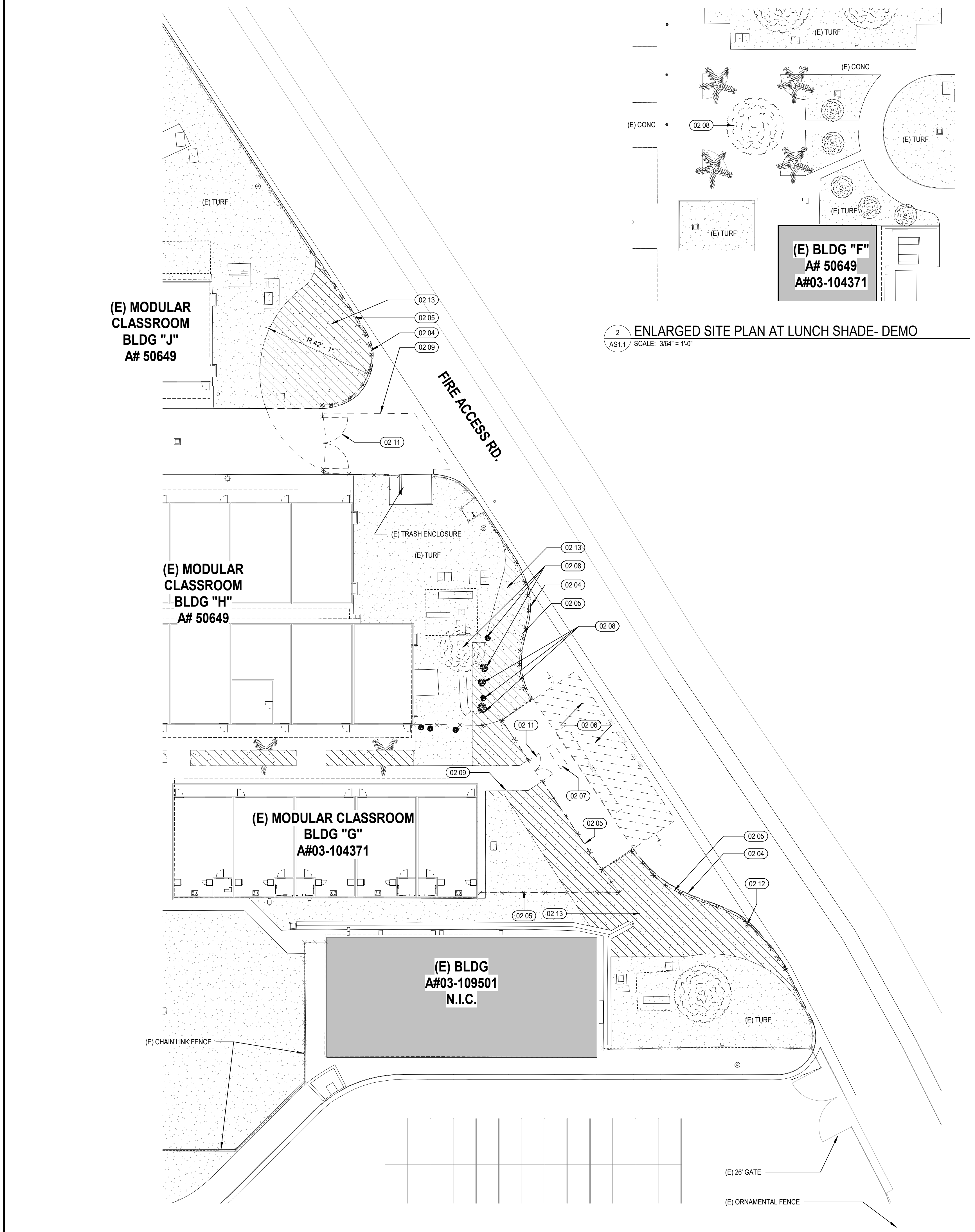
87 EMERGENCY ELEVATOR OPERATION SIGN
CP1.11 SCALE: 3" = 1'-0"



88 ELEVATOR ACCESSIBILITY SIGNAGE
CP1.11 SCALE: 1/2" = 1'-0"



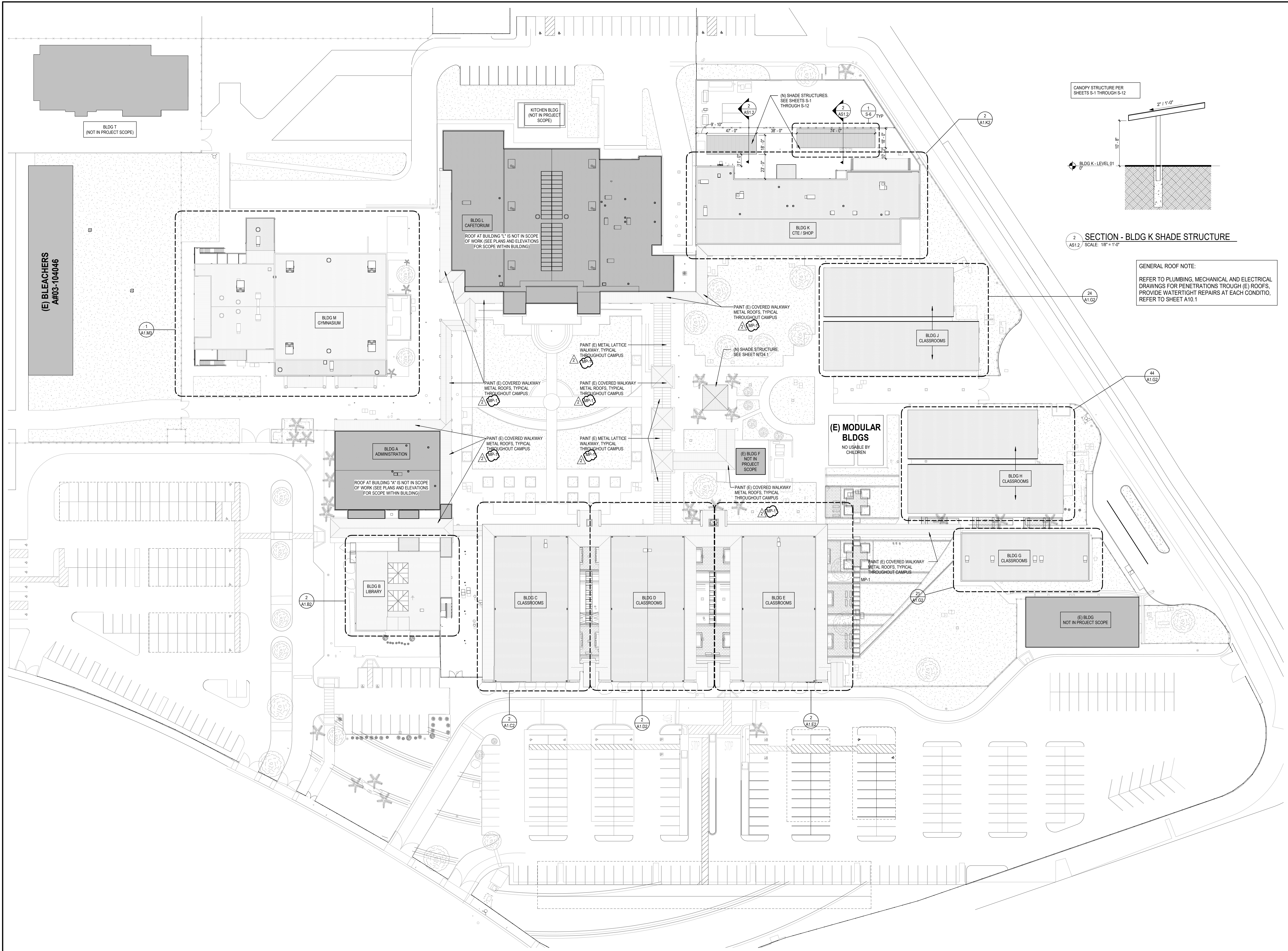
2 ENLARGED SITE PLAN AT LUNCH SHADE - DEMO
 AS1.1 SCALE: 3/64" = 1'-0"



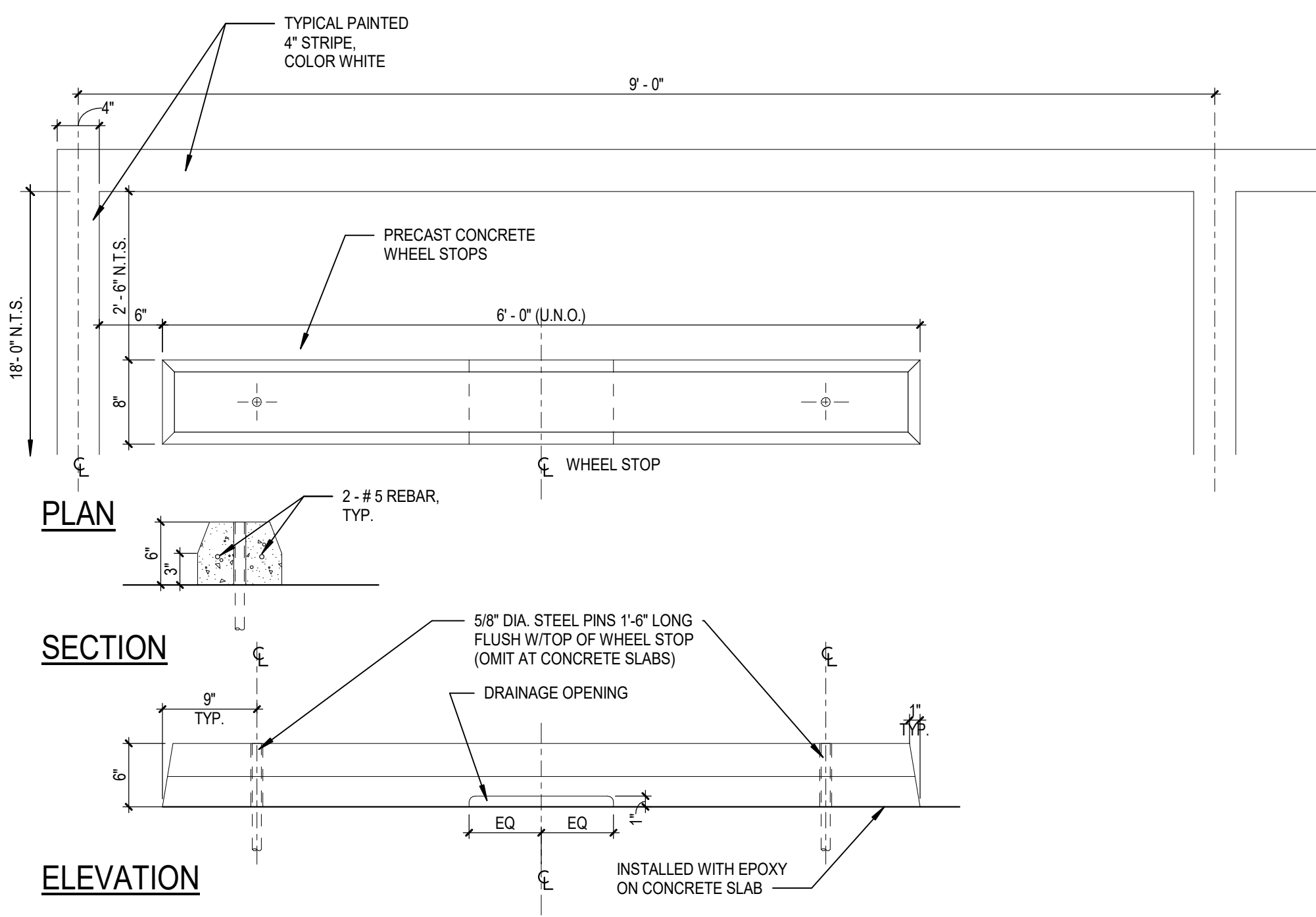
1 ENLARGED BUS DROP OFF - DEMO
 AS1.1 SCALE: 3/64" = 1'-0"

KEYNOTES	KEY PLAN
02 04 DEMO (E) CONC CURB	
02 05 DEMO PORTION OF (E) CHAIN LINK FENCE	
02 06 DEMO (E) STRIPING	
02 07 DEMO (E) TRUNCATED DOMES	
02 08 DEMO (E) VEGETATION. SEE LANDSCAPE PLANS FOR MORE INFO.	
02 09 DEMO PORTION OF (E) TURF. SEE CIVIL FOR ADDITIONAL INFO	
02 11 DEMO (E) GATE	
02 12 DEMO (E) LIGHT POLE. RETAIN TO REINSTALL AT NEW LOCATION	
02 13 DEMO PORTION OF (E) TURF. SEE CIVIL FOR ADDITIONAL INFO	
08 42 NEW CHAIN LINK GATE. SEE GATE SCHEDULE ON SHEET AS1.4 & DETAIL 25/AS1.4	
32 01 NEW CHAIN LINK FENCING TO MATCH EXISTING. SEE 25/AS1.4	
32 02 NEW CURB. SEE CIVIL FOR ADDITIONAL INFO	
32 03 NEW FLATWORK. SEE CIVIL FOR ADDITIONAL INFO	
32 04 NEW SCHOOL BUS DROP OFF	
32 05 NEW PASS THRU LANE	
32 17 TRUNCATED DOMES. SEE 42/AS1.4, 53/AS1.4 AND 54/AS1.4	
32 34 CHAIN LINK GATE. 20' WIDE. SEE 45/AS1.4	
32 45 4" THICK CONCRETE PAVING	

ADDEND 11/10/22 UNIT
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 11/10/2022 3:52:24 PM



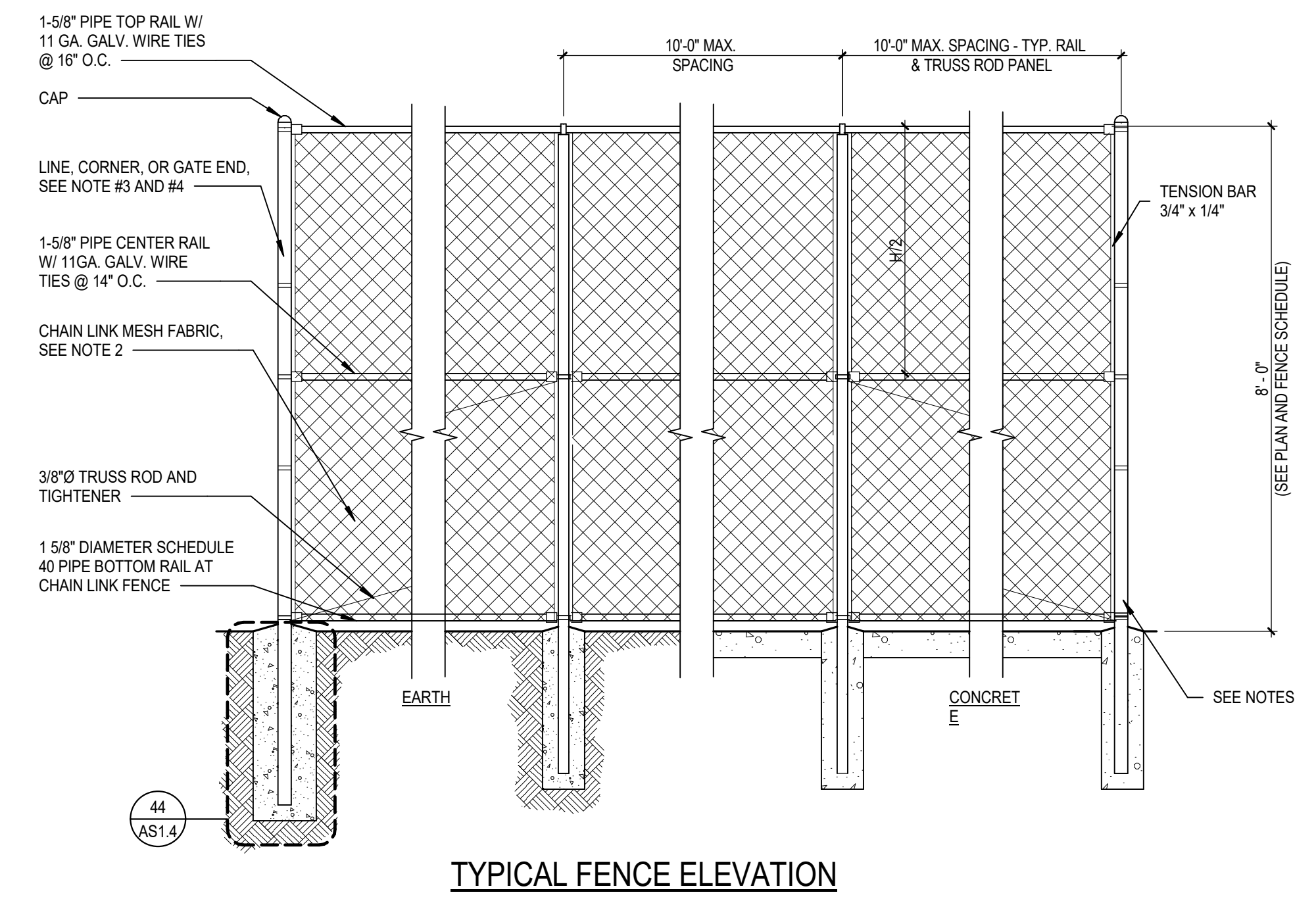
ADDEND 11/18/22 UNIT 2
BIN 350/75-20225-00 South El Monte HS Modernization/75-20225-00_SEMHS_AR_2020.rvt
11/18/2022 11:03:07 AM



21 TYPICAL CONCRETE WHEEL STOP
AS1.4 SCALE: 1" = 1'-0"

GATE SCHEDULE								
NO.	GATE TYPE	WIDTH	HEIGHT	HOW SET	DETAILS	COMMENTS		
G01	CHAINLINK	3'-0"	8'-0"	-	-	NO WIRELESS ACCESS CONTROL LOCKSET	YES	NEW GATE, PANIC HARDWARE
G02	CHAINLINK	PR 18'-0"	8'-0"	-	-	NO WIRELESS ACCESS CONTROL LOCKSET	NO	NEW GATE, CANE BOLT
G03	CHAINLINK	3'-0"	8'-0"	-	-	NO WIRELESS ACCESS CONTROL LOCKSET	YES	NEW GATE, PANIC HARDWARE
G04	CHAINLINK	PR 10'-0"	8'-0"	-	-	NO WIRELESS ACCESS CONTROL LOCKSET	NO	NEW GATE, CANE BOLT

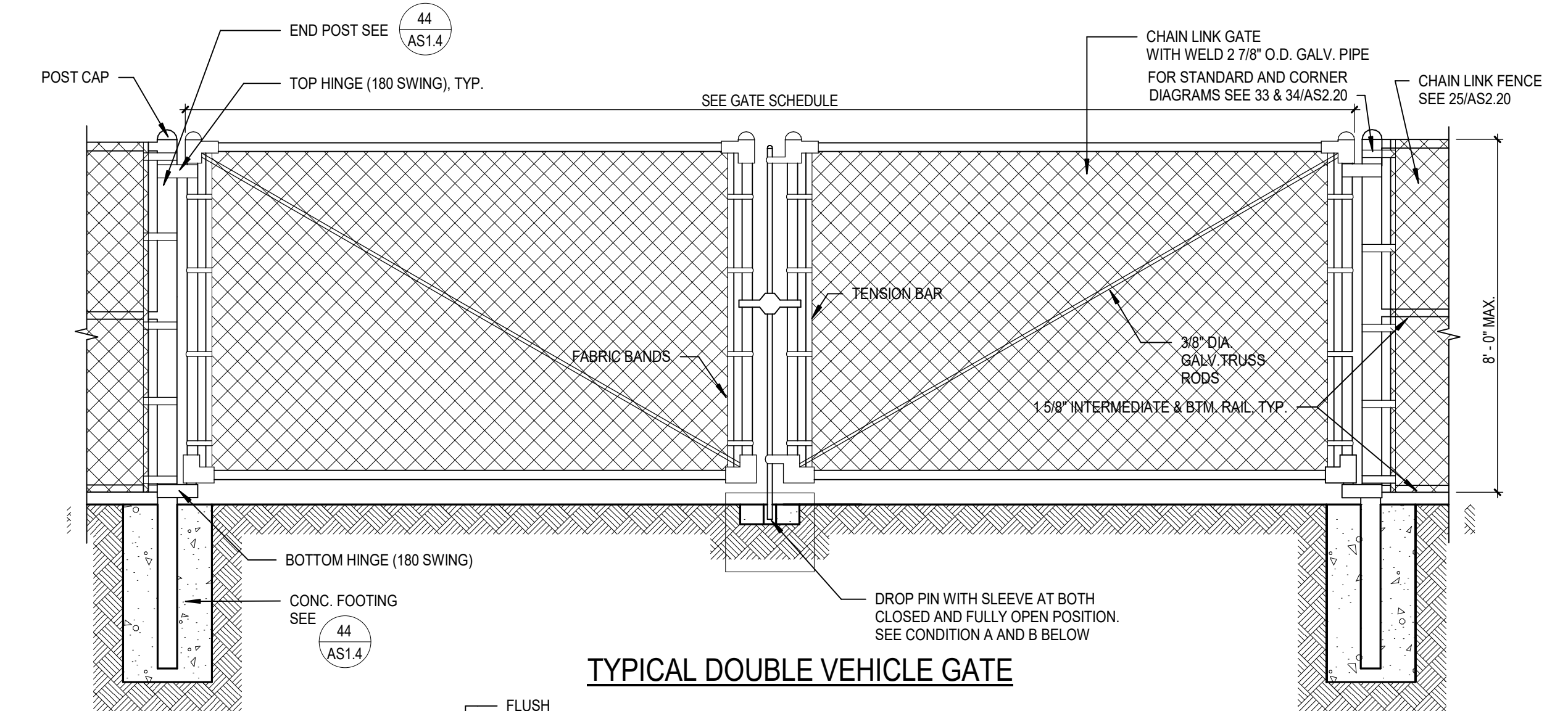
23 GATE SCHEDULE
AS1.4 SCALE: 1/4" = 1'-0"



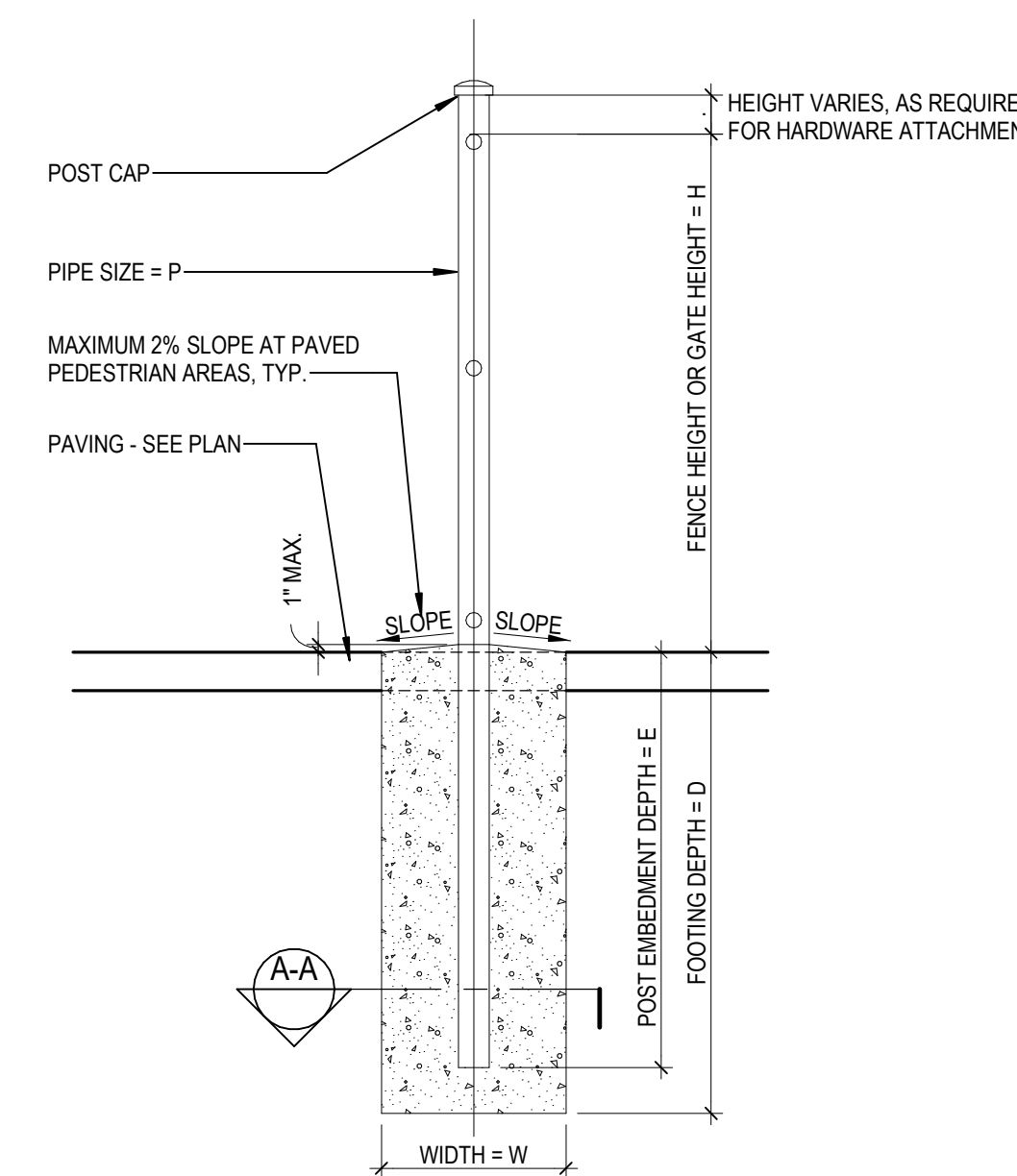
TYPICAL FENCE ELEVATION

- NOTES:**
- ALL ITEMS SHALL BE HOT DIPPED GALVANIZED
 - FABRIC: 9 GA. 2" MESH KNUCKLED TOP AND BOTTOM
 - LINE POSTS: 6-8 FT. HIGH, 4" O.D. SCHED. 40 AND SHALL BE SET IN A CONCRETE FOOTING. MAXIMUM DISTANCE BETWEEN LINE POSTS: 10 FEET. CONCRETE FOOTING FOR POSTS PER SCHEDULE
 - CORNER AND GATE POSTS: 8" HIGH, 6 5/8" O.D. SCHED. 40 AND SHALL BE SET IN A CONCRETE FOOTING WITH REINFORCEMENT BARS PER DETAIL
 - TOP RAIL: SCHEDULE 40 - 1 5/8" DIAMETER O.D.
 - BOTTOM RAIL: SCHEDULE 40 - 1 5/8" DIAMETER O.D.
 - CENTER RAIL: SCHEDULE 40 - 1 5/8" DIAMETER O.D.
 - TENSION BAND: HEAVY DUTY 3/4" x 1/4"
 - ALL POSTS NOT COVERED BY TOP RAIL CAPS SHALL BE COVERED WITH MANUFACTURED CAP, GALVANIZED.
 - GATE FRAMES SHALL BE FULL BUTT WELD, GROUND SMOOTH
 - ALL TIES SHALL HAVE ONE COMPLETE WRAP, MAXIMUM SPACING 16" O.C.
 - ALL FENCE PRODUCTS SHALL BE GALVANIZED (SEE PLANS). ANY CUTS OR WELDING SHALL BE PAINTED WITH A COLD GALVANIZED APPLICATION APPROVED BY DISTRICT INSPECTOR.
 - ALL CORNER AND GATEPOSTS SHALL HAVE CENTER RAILS OF 1 5/8" DIAMETER O.D. AND SHALL HAVE BRACE RODS OF 3/8" O.D.
 - CONTRACTOR TO FURNISH ALL LABOR, MATERIAL, TOOLS, EQUIPMENT, TRANSPORTATION, ETC. TO INSTALL FENCING AS PER SPECIFICATIONS. CONTRACTOR TO VERIFY ALL DIMENSIONS.
 - TERMINATE CHAIN LINK AT ALL CORNERS, CHANGE OF DIRECTION AND GATES WITH TENSION BAR AND CLAMPS
 - LATCH: FORGED TYPE CAPABLE OF RETAINING GATE IN CLOSED POSITION AND HAVE PROVISION FOR PADLOCK. LATCH SHALL PERMIT OPERATION FROM EITHER SIDE OF THE GATE (U.N.O.)
 - PROVIDE CANE BOLTS (3/4" DIA MIN.) ON 12" WIDE GATE (BOTH LEAF) WITH GALV. INSERT IN PAVING AS DETAILED.
 - ALL FIELD WELDS SHALL BE PAINTED WITH 2-COATS MIN. GALVALLOY

25 CHAIN LINK FENCE
AS1.4 SCALE: 1/2" = 1'-0"



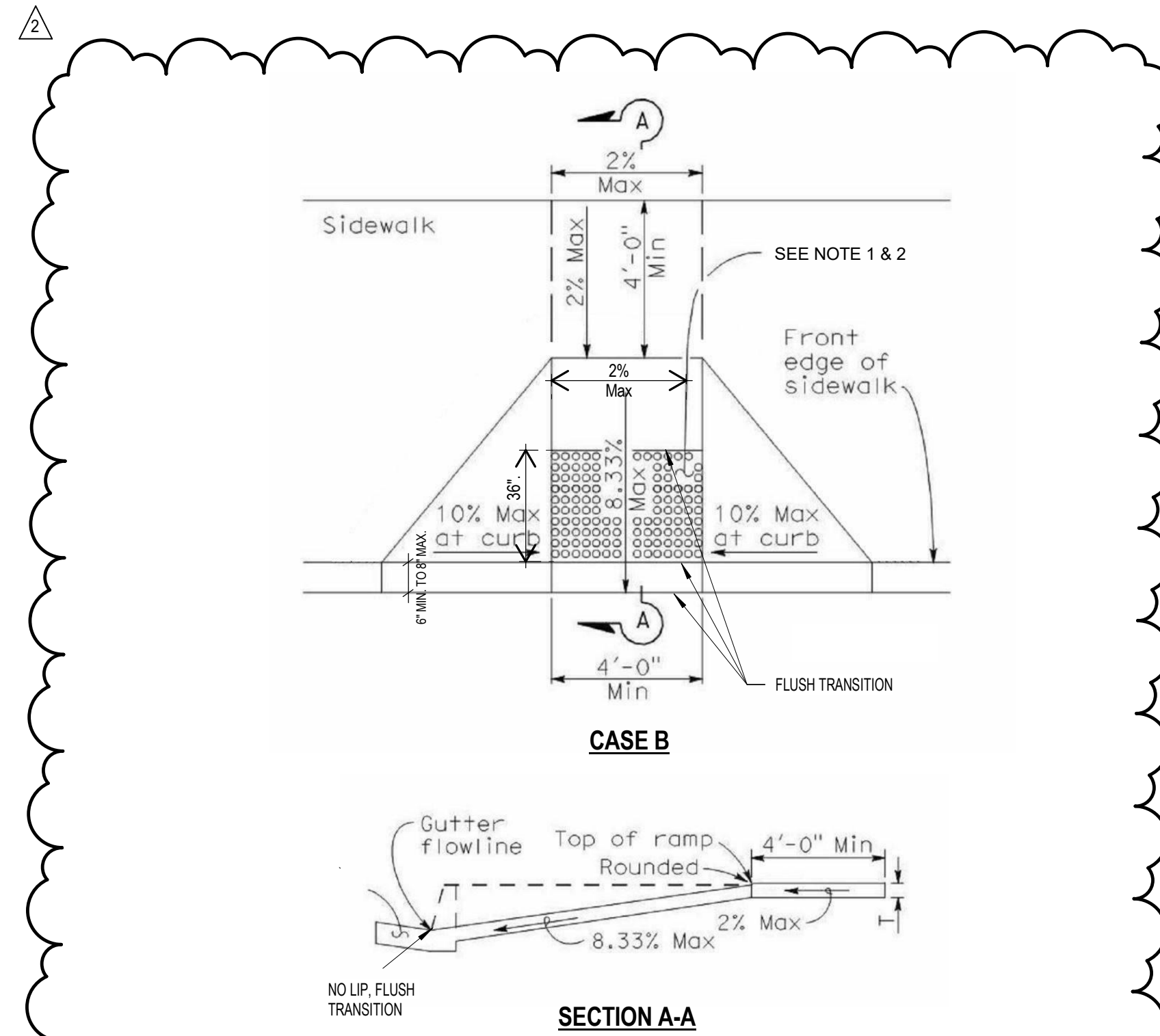
TYPICAL DOUBLE VEHICLE GATE



SECTION A-A

SCHEDULE OF FENCE / GATE POST					
FENCE / GATE	HEIGHT (H)	PIPE / TUBE SIZE (P)	POST EMBED (E)	FTG. DEPTH (D)	FTG. WIDTH (W)
CHAINLINK	MORE THAN 6'-0" LESS THAN 8'-0"	4" DIA. SCHED. 40	3'-1"	3'-4"	24" DIA.
DECORATIVE	MORE THAN 6'-0" LESS THAN 8'-0"	TO MATCH (E)	3'-1"	3'-4"	24" DIA.

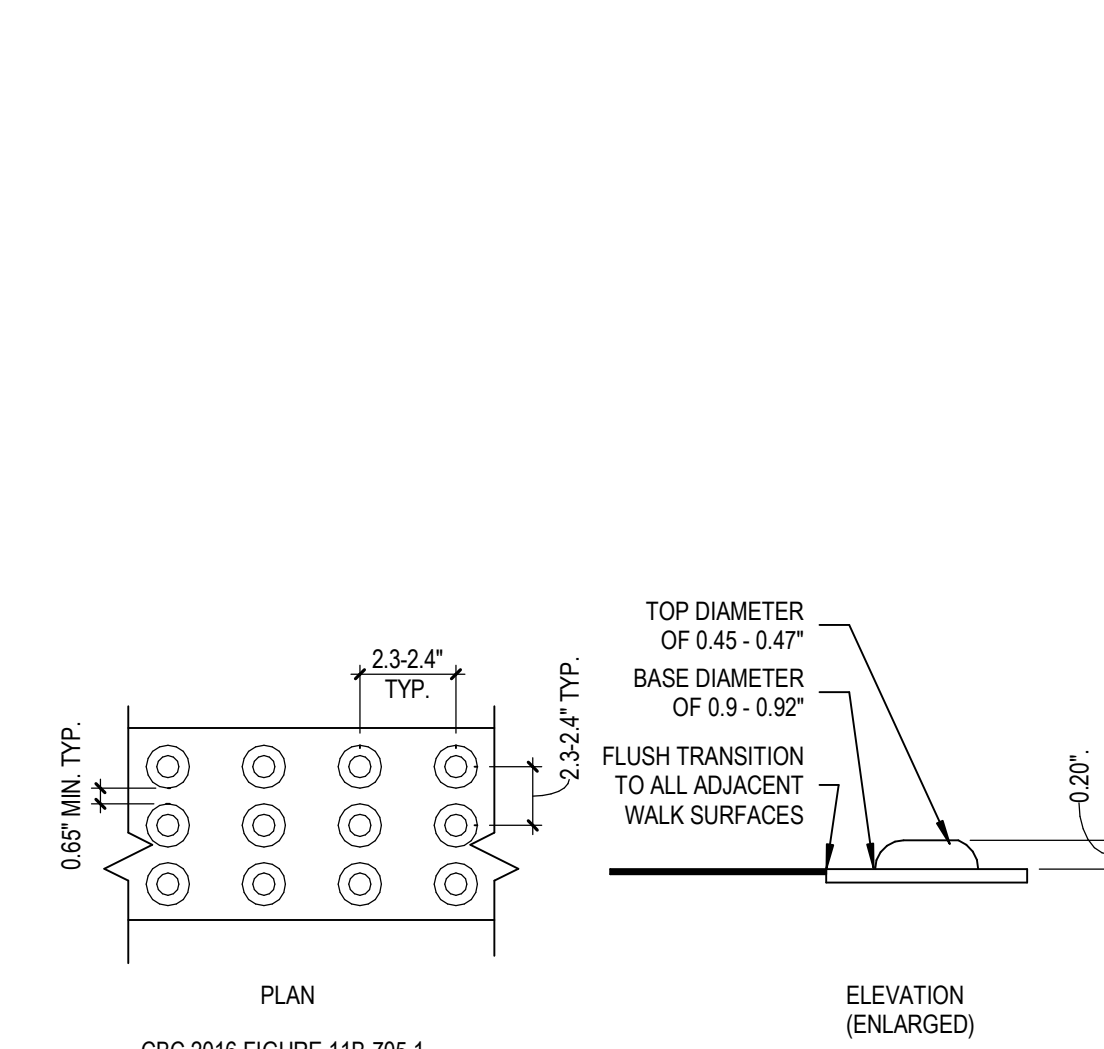
44 CHAIN LINK / DECORATIVE GATE OR FENCE POST
AS1.4 SCALE: 1/2" = 1'-0"



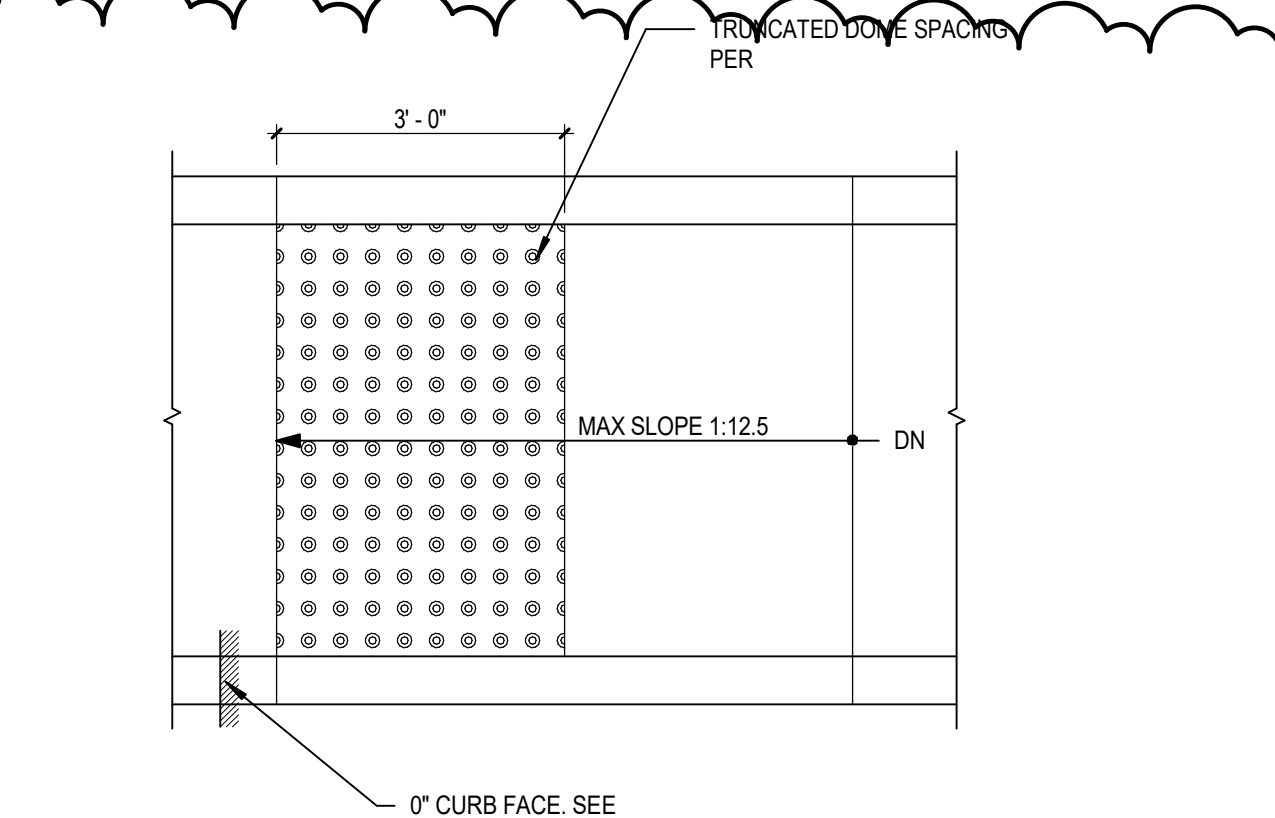
SECTION A-A

- NOTES:**
- REFER TO DETAIL 12/AS2.10 FOR TRUNCATED DOMES
 - CURB RAMP SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. DETECTABLE WARNING SURFACE SHALL CONFORM TO DETAIL 12/AS2.10
 - THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE
 - MAXIMUM SLOPES OF ADJOINING GUTTERS, THE ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT EXCEED 5% RUNNING SLOPE AND 1:48 CROSS SLOPE WITHIN 4'-0" OF THE TOP AND BOTTOM OF THE CURB RAMP.

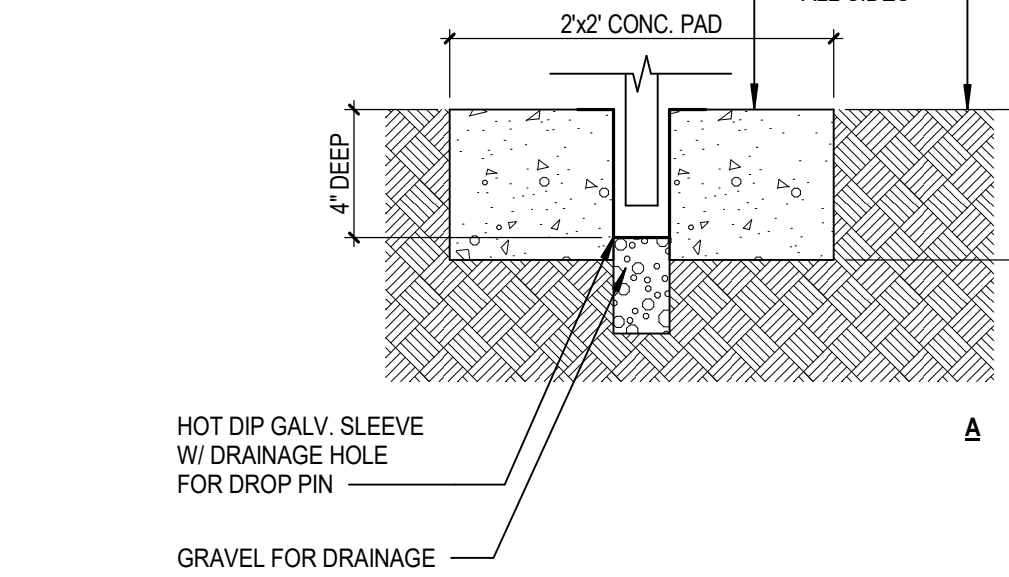
42 CURB CUT RAMP
AS1.4 SCALE: 3/16" = 1'-0"



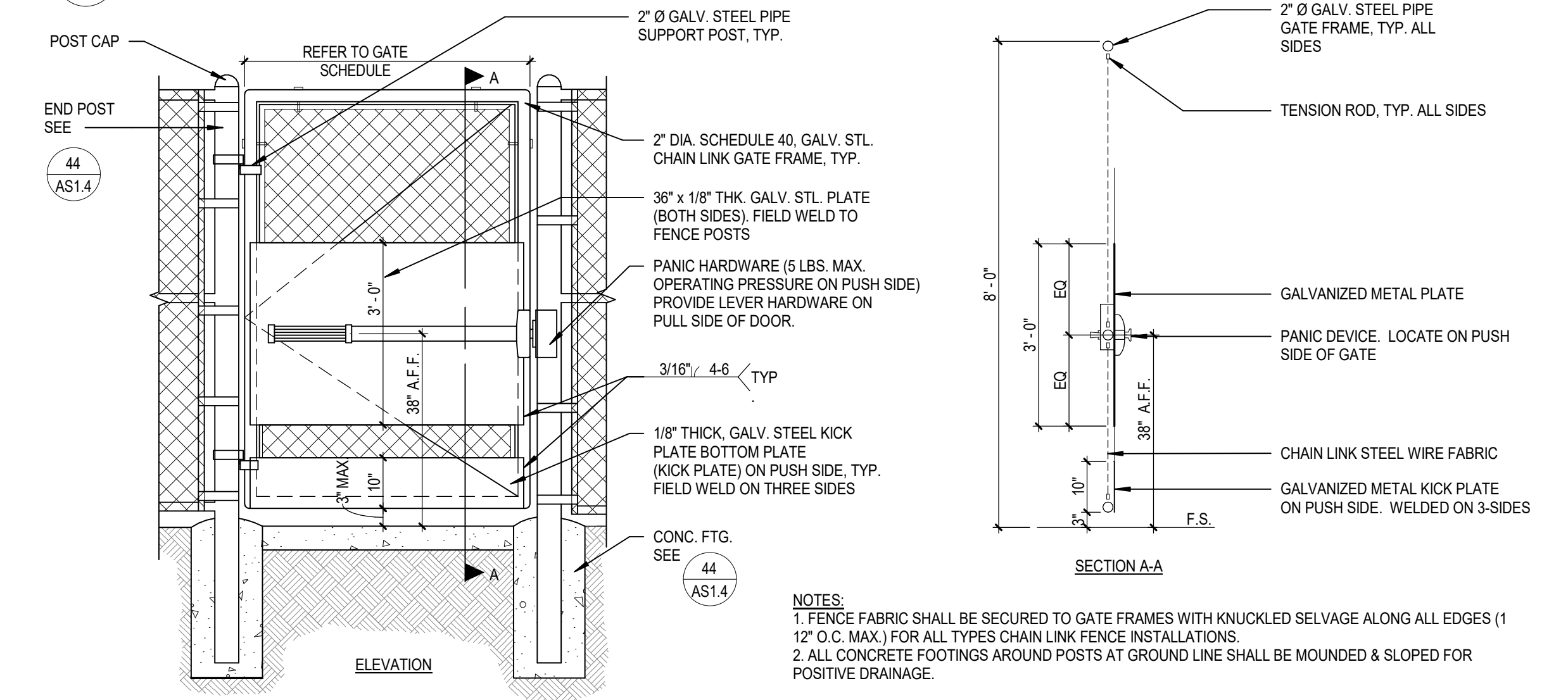
53 TRUNCATED DOME SPACING
AS1.4 SCALE: 1/2" = 1'-0"



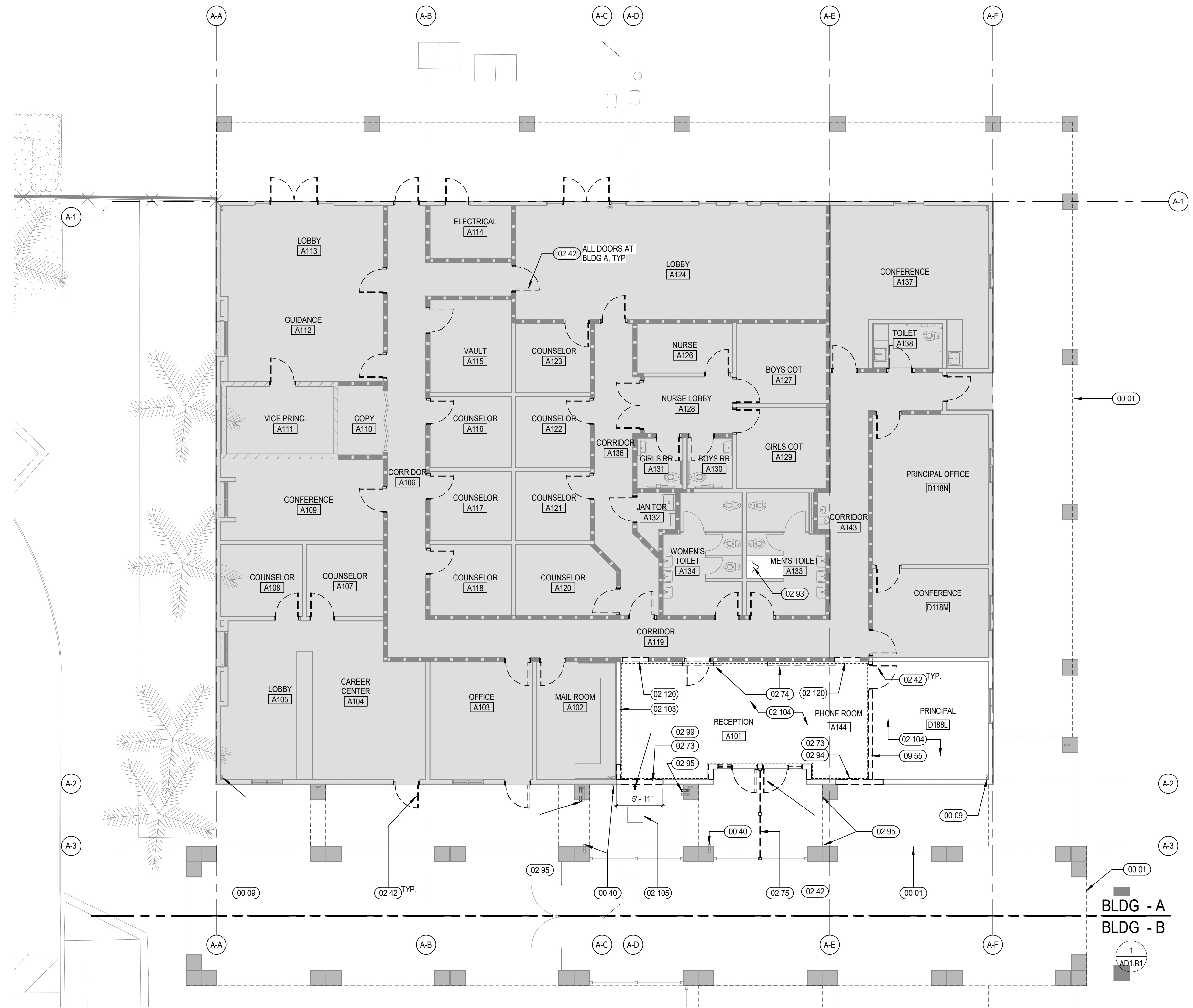
54 CURB RAMP
AS1.4 SCALE: 1/2" = 1'-0"



45 CHAIN LINK GATE - VEHICLE ACCESS
AS1.4 SCALE: 1/2" = 1'-0"



55 CHAIN LINK GATE W/ PANIC HARDWARE
AS1.4 SCALE: 1/2" = 1'-0"



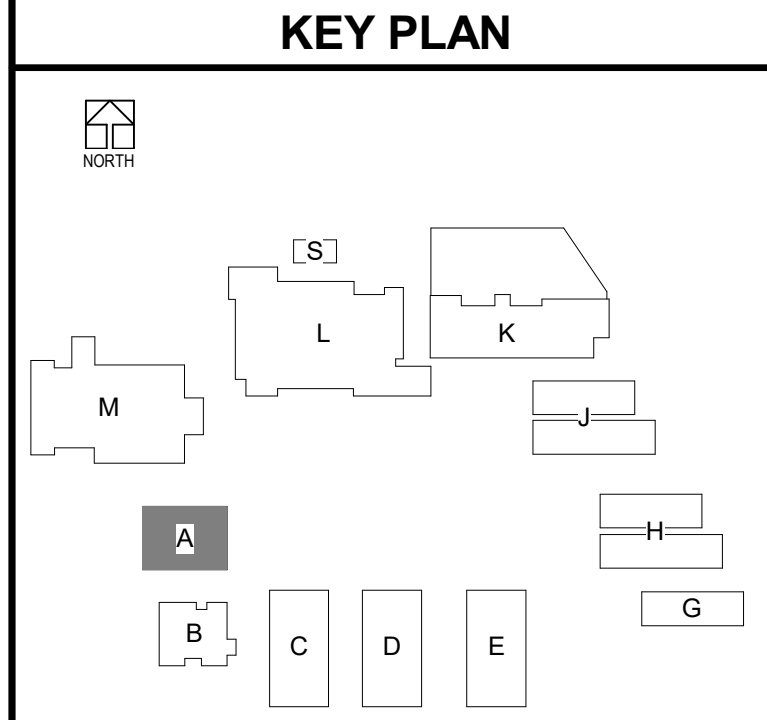
1 DEMO - BLDG A - LEVEL 01
 AD1.A1 SCALE: 1/8" = 1'-0"

- ### KEYNOTES
- 00 01 LINE OF ROOF OVERHANG ABOVE SHOWN DASHED
 - 02 09 (E) RWL TO REMAIN
 - 02 40 (E) OPD TO REMAIN VIF LOCATION
 - 02 42 DEMO (E) DOOR, DOOR FRAME AND WINDOWS, WHERE OCCURS
 - 02 73 DEMO PORTION OF (E) WALL, PREPARE FOR (N) DOOR/WINDOW
 - 02 74 DEMO (E) WALL IN ITS ENTIRETY
 - 02 75 DEMO (E) FENCING IN ITS ENTIRETY
 - 02 93 (E) URINALS TO BE REMOVED, REPLACED WITH NEW. SEE PLUMBING DWGS FOR TYPE
 - 02 94 (E) PHONE BOARD TO BE RELOCATED. SEE ELECTRICAL DWGS.
 - 02 95 REMOVE PORTION OF COLUMN, FURRING WALL TO REROUTE ROOF DRAINS PIPING. OPD TO REMAIN U.N.O.
 - 02 99 (E) HOSE BIBB TO BE REMOVED AND RELOCATED. SEE P DWGS.
 - 02 103 REMOVE (E) WALL FINISHES DOWN TO STUDS INCLUDING ALL ATTACHED ITEMS. (INCLUDE ALL WALLS WHERE NECESSARY TO HIDE OUTLETS)
 - 02 104 DEMO (E) FLOORING AND BASE
 - 02 105 DEMO (E) STORM DRAIN AND COVER PER CIVIL
 - 02 120 DEMO EXISTING WALL FINISHES AS REQUIRED FOR NEW DIGITAL DISPLAY
 - 09 55 NEW INTERIOR FINISHES IN AREA OF SCOPE. REFER TO FINISH PLANS FOR DETAILS

- ### DEMOLITION GENERAL NOTES
- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.
- THE CONTRACTOR SHALL:
- A. COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
 - B. COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
 - C. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
 - D. MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
 - E. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
 - F. REMOVE IN THEIR ENTIRETY ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILING, SOFFITS, MARKERS/BOARDS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
 - G. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
 - H. PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - I. REPAIR OR REPLACE ITEMS THAT ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
 - J. EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT AND OWNER.
 - K. VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
 - L. PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS AS REQUIRED TO MAINTAIN FIRE-RESISTANCE-RATED SEPARATIONS OR PREVIOUS CONDITIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
 - M. CAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
 - N. SEE STRUCTURAL MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
 - O. AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
 - P. WHERE CMU WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH FINISH BY REMOVING CMU IN TOOTH-IN PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH-IN NEW CMU PATCHES.
 - Q. WHERE PLASTER/STUD WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH FINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 1'-0" BEYOND DEMOLITION.
 - R. DEMO 12" MIN OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE

DEMOLITION FLOOR PLAN LEGEND

	MINIMAL INTERIOR ARCHITECTURAL WORK
	DEMOLITION (E) GYP TO STUDS. PREP FOR (N) SHEATHING
	(E) STUD WALL TO REMAIN
	(E) C.M.U. WALL TO REMAIN
	(E) 1HR RATED WALL TO REMAIN
	(E) DOOR TO REMAIN
	(E) STUD WALL TO BE DEMOLISHED
	(E) DOOR TO BE DEMOLISHED
	(E) FENCE TO BE DEMOLISHED



CHANGE ORDERS FOR ADDITIONAL DEMOLITION WORK WILL NOT BE ALLOWED FOR ANY ITEMS THAT ARE NOT SHOWN ON DOCUMENTS; HOWEVER, NEW WORK IS SHOWN TO OCCUR IN SAID SPACE OR AREA. CONTRACTOR MUST BID DOCUMENT IN THEIR TOTALITY AND NOT SPLIT DRAWINGS AMONG SUB-CONTRACTORS.

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DEMOLITION FLOOR PLAN - BLDG A
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



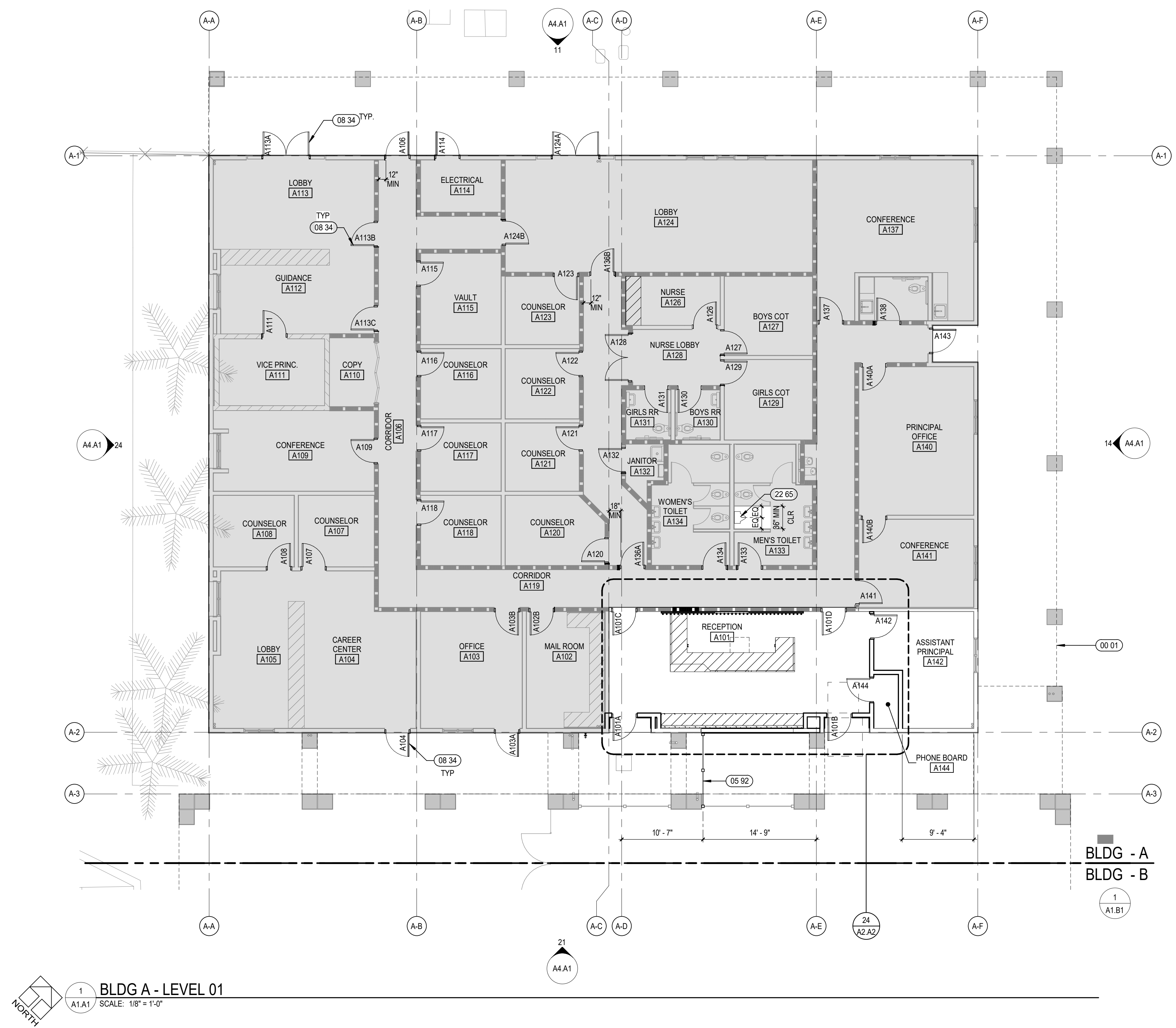
3537 Johnson Ave,
 El Monte, CA 91731

PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

AD1.A1

ADDEND 11/18/22
 UNIT 2

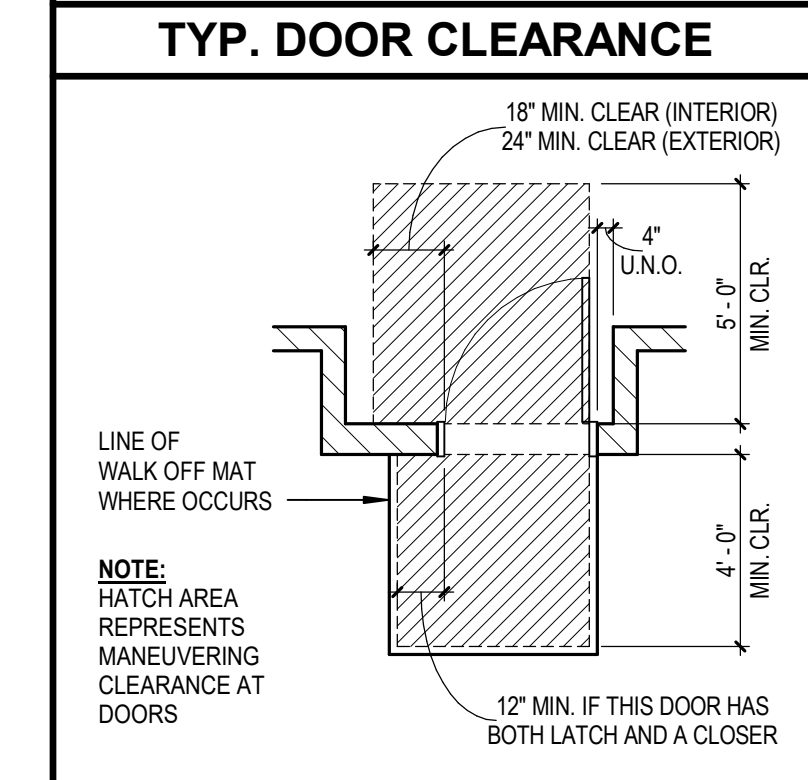
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1 BLDG A - LEVEL 01
 A1.A1 SCALE: 1/8" = 1'-0"

KEYNOTES	
00 01	LINE OF ROOF OVERHANG ABOVE SHOWN DASHED
05 92	DECORATIVE METAL FENCE TO MATCH (E)
08 34	NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A02 & A.3
22 65	ACCESSIBLE URINAL. SEE P DWGS AND MOUNTING HT INFORMATION, SHEET CP2.1

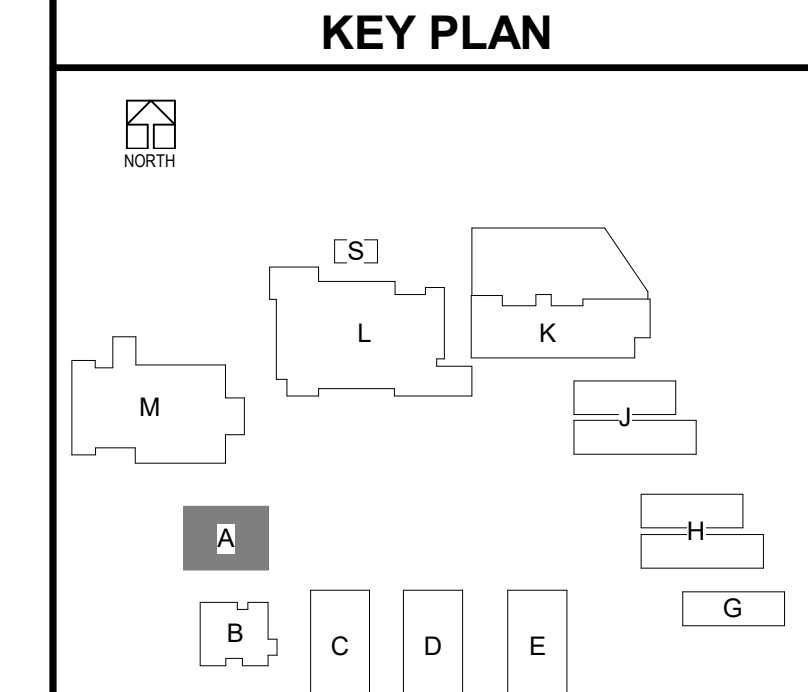
- GENERAL NOTES**
- GENERAL NOTES APPLY TO ALL SHEETS.
 - DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
 - INCLUDE ALL OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE AND SHALL COORDINATE WITH THE OWNER TO ACCOMMODATE THESE ITEMS.
 - COORDINATE ALL MECHANICAL CHASE SIZES WITH THE MECHANICAL CONTRACTOR.
 - ARCHITECTURAL FINISH FLOOR ELEVATION 0'-0"
 - SEE FLOOR & CODE PLANS FOR LOCATION OF WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION. ALL WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
 - ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH PENETRATION FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTANCE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 07413.
 - COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS SHOWN ON PLANS.
 - FIRE-RESISTANCE-RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL.
 - CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY. SEE DRAWING FOR QUANTITIES AND LOCATION OF WORK. SEE SPECIFICATIONS FOR QUALITIES AND CONDITIONS OF WORK.
 - WORK: ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED, BUT NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED AND INDICATED IN THE CONTRACTOR'S BID.
 - GENERAL SHEET NOTES ONLY APPLY TO PARTICULAR DRAWING OR SERIES OF DRAWINGS.
 - NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT.
 - DO NOT SCALE DRAWINGS. DIMENSIONS NOTED PREVAIL. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.
 - HORIZONTAL AND VERTICAL DIMENSIONS ARE MINIMUM DIMENSIONS. CLEARANCES ARE GIVEN TO FINISH SURFACES. GO TO VERIFY ALL CLEARANCES. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.



FLOOR PLAN LEGEND

[Symbol]	MINIMAL INTERIOR ARCHITECTURAL WORK
[Symbol]	(E) STUD WALL
[Symbol]	(E) C.M.U. WALL
[Symbol]	(E) 1HR RATED WALL
[Symbol]	(E) 2HR RATED WALL
[Symbol]	(N) OR INFILL STUD WALL. SEE 42/A115 FOR INFILL WALL
[Symbol]	INFILL 1HR RATED WALL
[Symbol]	(M) DOOR
[Symbol]	(N) CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO

NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.



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FLOOR PLAN - BLDG A
 South El Monte HS Modernization
 El Monte Union High School District
 10071 Durfee Ave, South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2

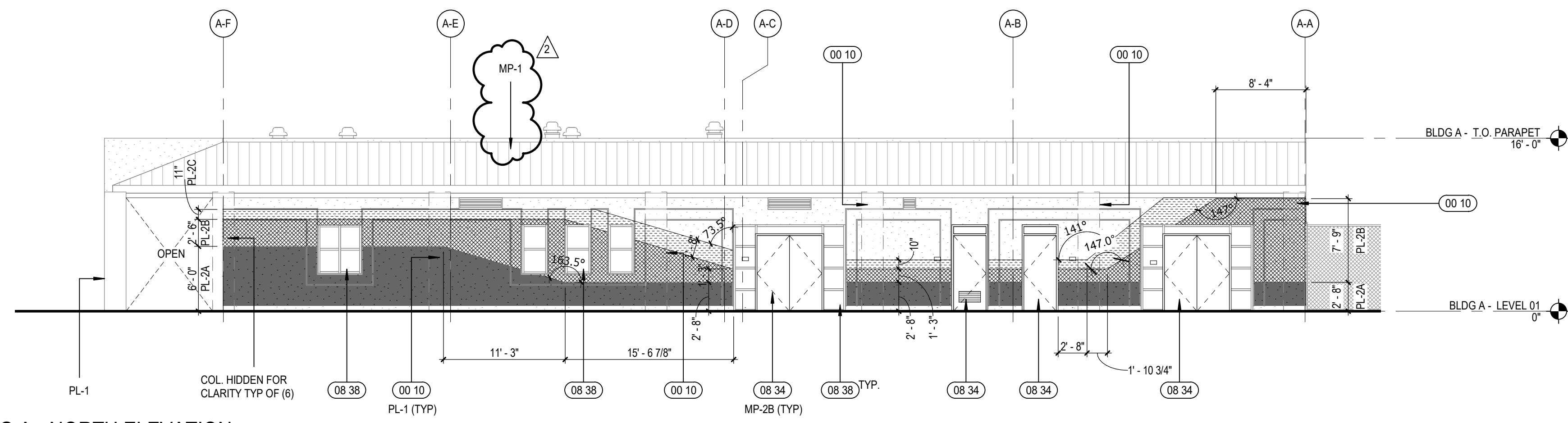


3537 Johnson Ave,
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

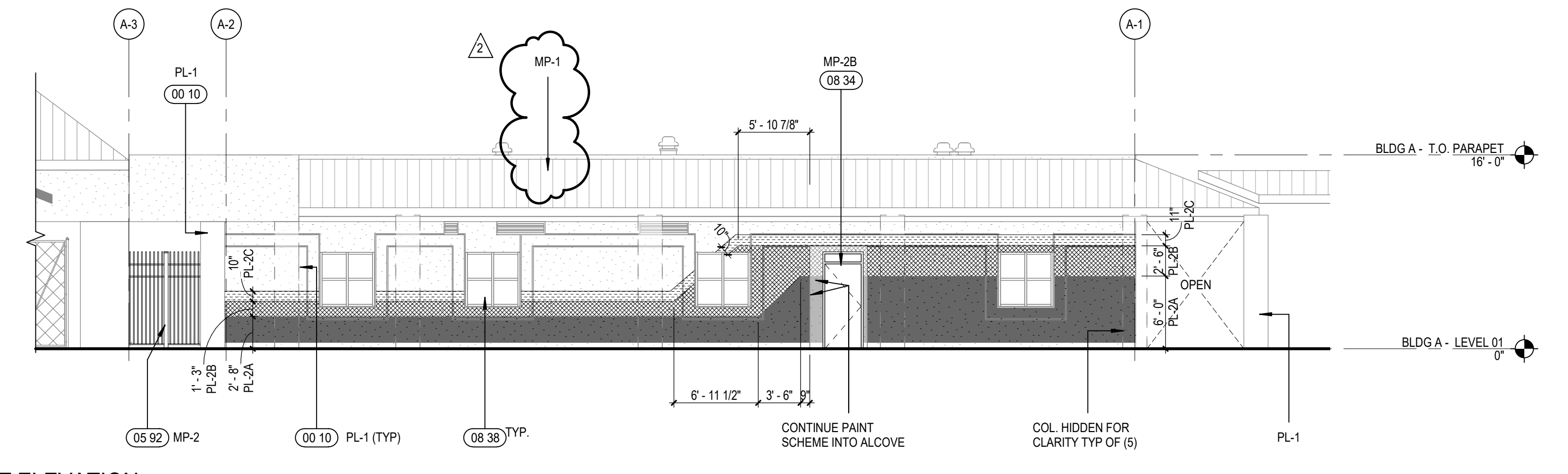
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ADDEND 11/18/2022
 UNIT 2

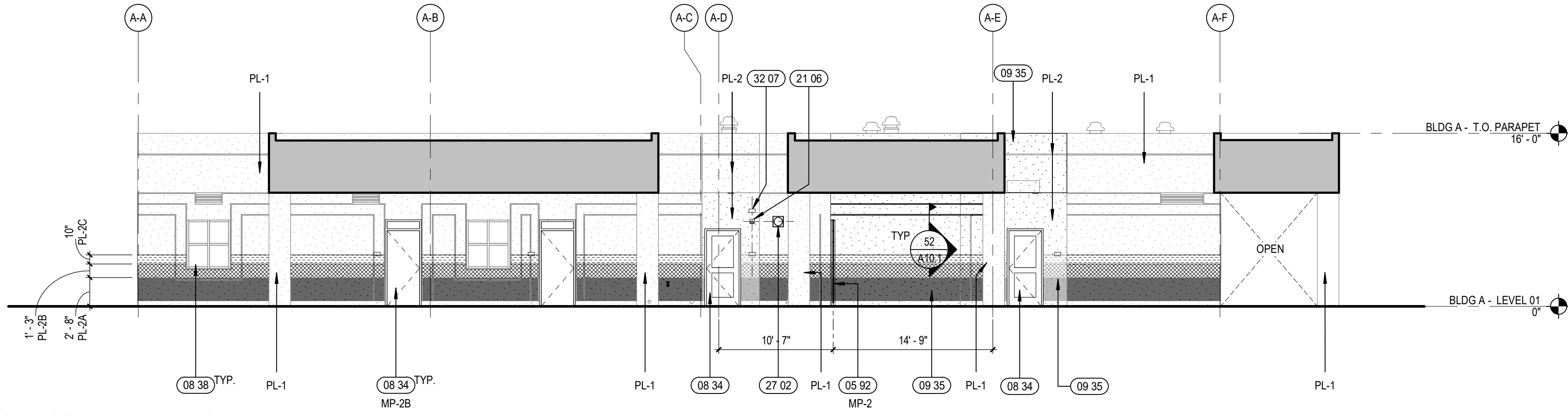
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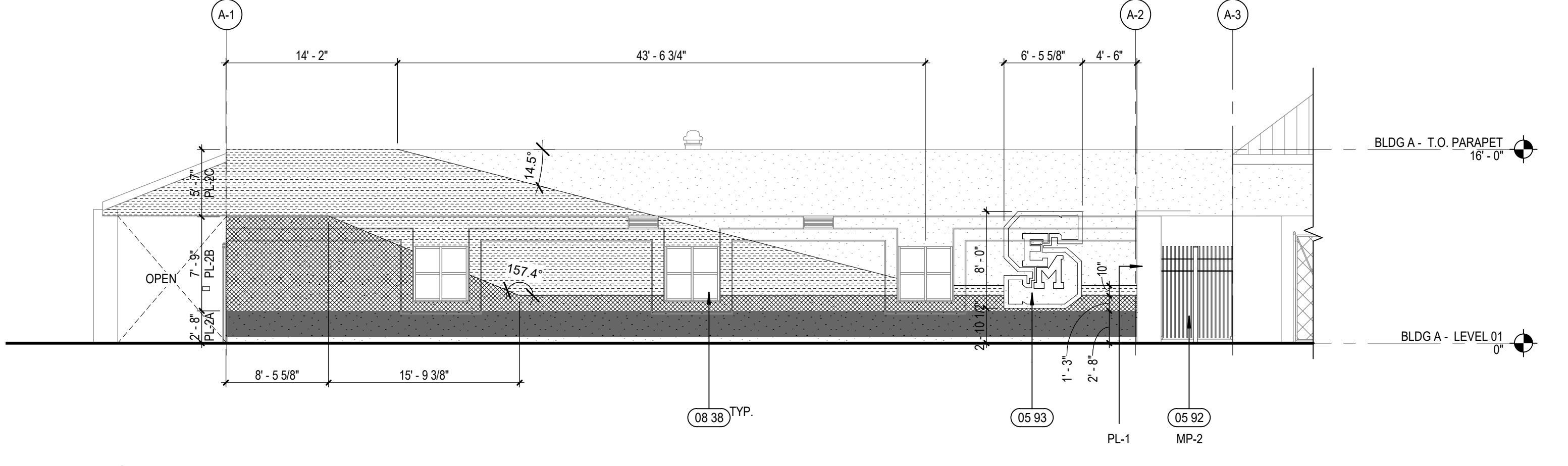
11 BLDG A - NORTH ELEVATION
A4.A1 SCALE: 1/8" = 1'-0"



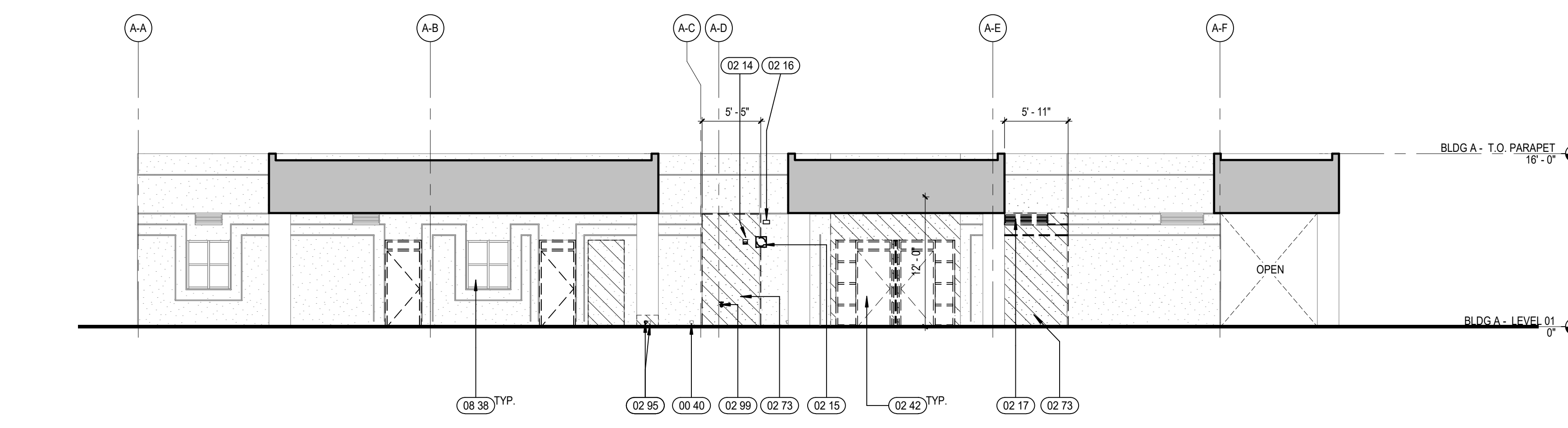
14 BLDG A - EAST ELEVATION
A4.A1 SCALE: 1/8" = 1'-0"



21 BLDG A - SOUTH ELEVATION
A4.A1 SCALE: 1/8" = 1'-0"

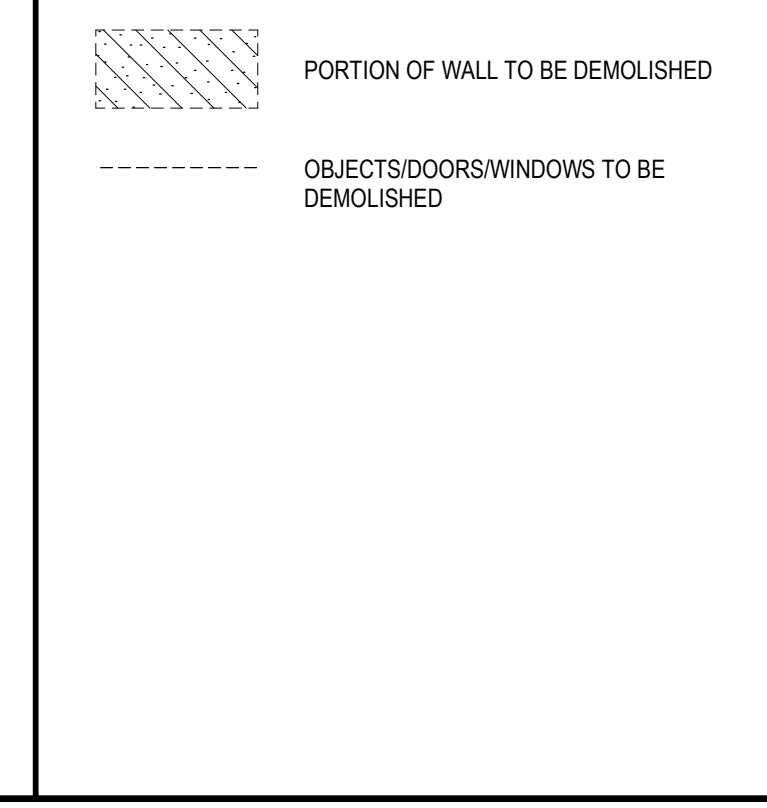


24 BLDG A - WEST ELEVATION
A4.A1 SCALE: 1/8" = 1'-0"

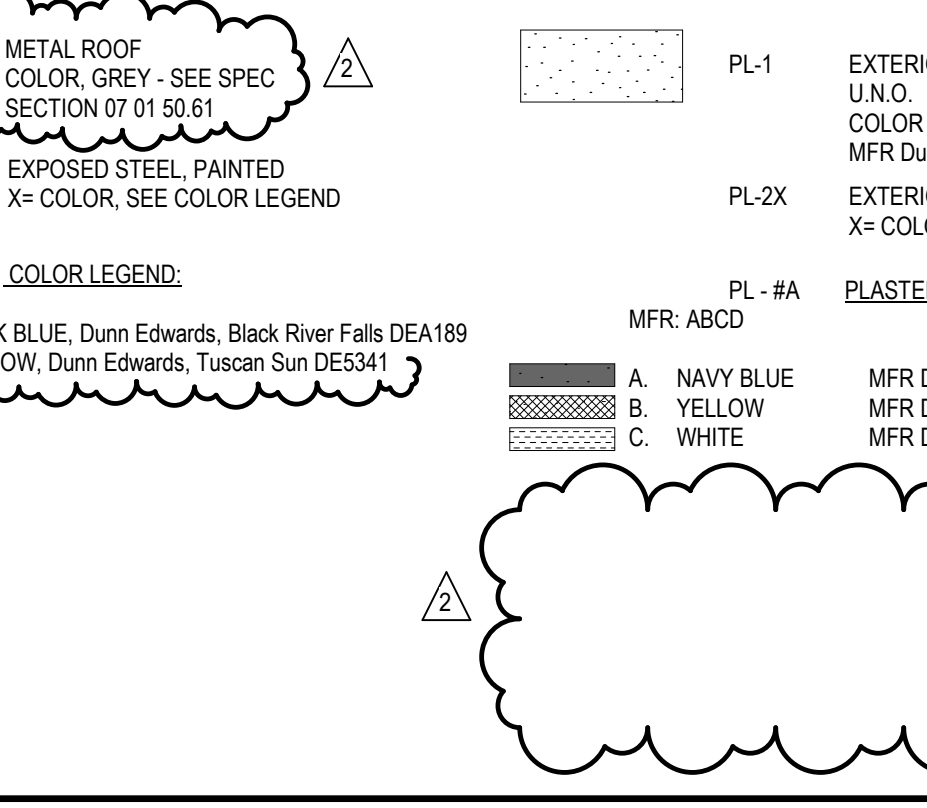


41 BLDG A - SOUTH ELEVATION - DEMO
A4.A1 SCALE: 1/8" = 1'-0"

EXT ELEVATION DEMO LEGEND



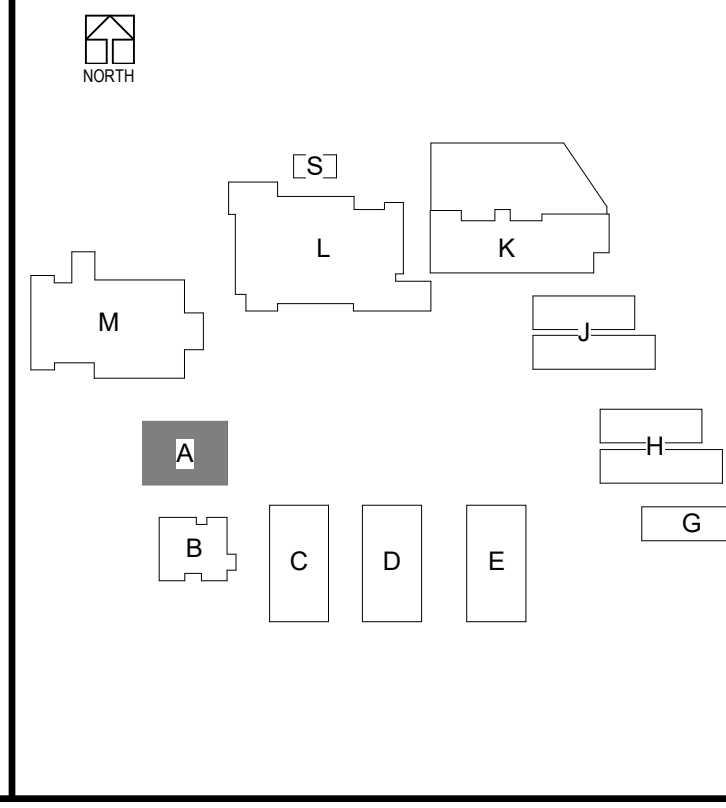
EXTERIOR ELEVATION FINISH LEGEND



KEYNOTES

00 10	(E) COLUMN TO REMAIN - PAINTED	08 34	NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
00 40	(E) OFD TO REMAIN. VIF LOCATION	08 38	(E) ALARM SPEAKER TO BE REMOVED AND RELOCATED. SEE E DWGS
02 14	(E) ALARM SPEAKER TO BE REMOVED AND RELOCATED. SEE E DWGS	09 35	NEW WALL FINISH TO MATCH ADJACENT SURFACE
02 15	(E) PA SPEAKER TO BE REMOVED AND RELOCATED. SEE E DWGS	21 06	FIRE SPRINKLER ALARM DEVICE. SEE E DWGS
02 16	(E) KNOX BOX TO BE REMOVED AND RELOCATED	27 02	VOICE COMMUNICATIONS, SPEAKER. SEE E DWGS
02 17	REMOVE AND RELOCATE (E) WALL LOUVER PER MECHANICAL DRAWINGS	32 07	RELOCATED KNOX BOX, +9FT AFF
02 42	DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)		
02 73	DEMO PORTION OF (E) WALL. PREPARE FOR (N) DOOR/WINDOW		
02 95	REMOVE PORTION OF COLUMN FURRING WALL TO REROUTE ROOF DRAINS PIPING. OFD TO REMAIN U.O.		
02 99	(E) HOSE BIBB TO BE REMOVED AND RELOCATED. SEE P DWGS		
05 92	DECORATIVE METAL FENCE TO MATCH (E)		
05 93	EXTERIOR BUILDING SIGNAGE - PAINTED		

KEY PLAN



EXTERIOR ELEVATIONS - DEMO & NEW - BLDG A
 South El Monte HS Modernization
 El Monte Union High School District
 10071 Durfee Ave, South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



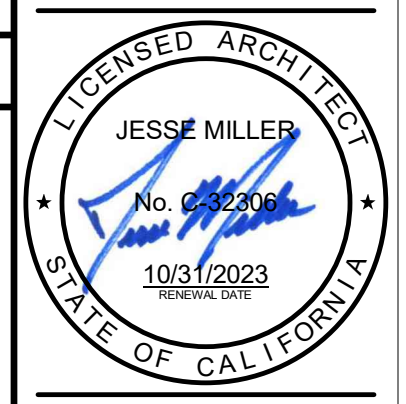
PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

A4.A1

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ADDEND 11/18/2022 UNIT 2
 BIM 360/75-20225-00 South El Monte HS Modernization/75-20225-00_SEMHS_AR_2020.rvt
 11/18/2022 2:14:13 PM



KEYNOTES

- 00 03 LINE OF STRUCTURE BELOW SHOWN DASHED
- 00 07 (E) STUCCO CEILING TO REMAIN, PAINT
- 02 26 REMOVE (E) LIGHT FIXTURES, REPLACE WITH (N)
- 02 85 REMOVE (E) CEILING AND LIGHTS
- 08 33 (E) SKYLIGHT TO REMAIN

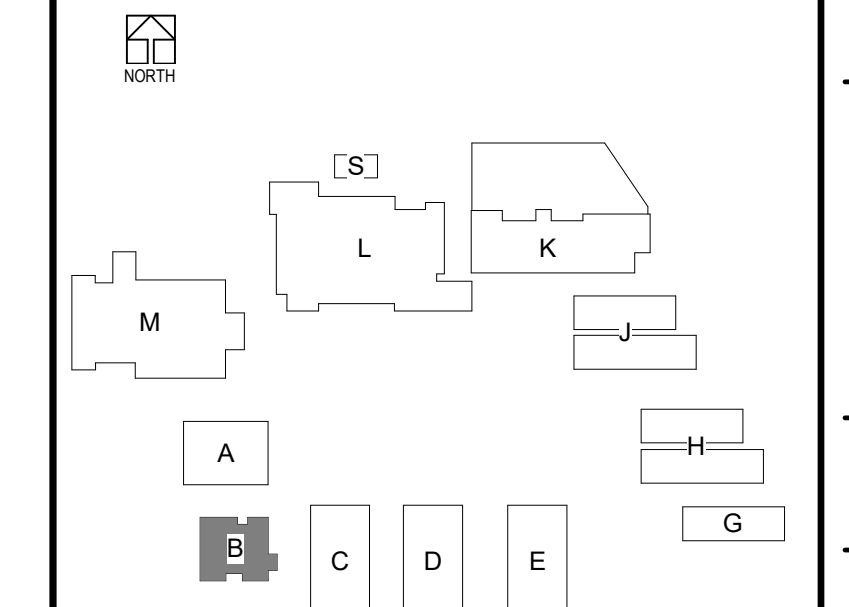
DEMOLITION GENERAL NOTES

- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.
- THE CONTRACTOR SHALL:
- COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
 - COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
 - CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
 - MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
 - VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
 - REMOVE IN THEIR ENTIRETY ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILING, SOFFITS, MARKERS/BOARDS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
 - THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
 - PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT AND OWNER.
 - VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
 - PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS, AS REQUIRED TO MAINTAIN FIRE-RESISTANCE-RATED SEPARATIONS OR PREVIOUS CONDITIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
 - CAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
 - SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
 - AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
 - WHERE CMU WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH-FINISH BY REMOVING CMU IN TOOTH-IN PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH-IN NEW CMU PATCHES.
 - WHERE PLASTER/STUCCO WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH-FINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 1'-0" BEYOND DEMOLITION.
 - DEMO 12" MIN OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE.

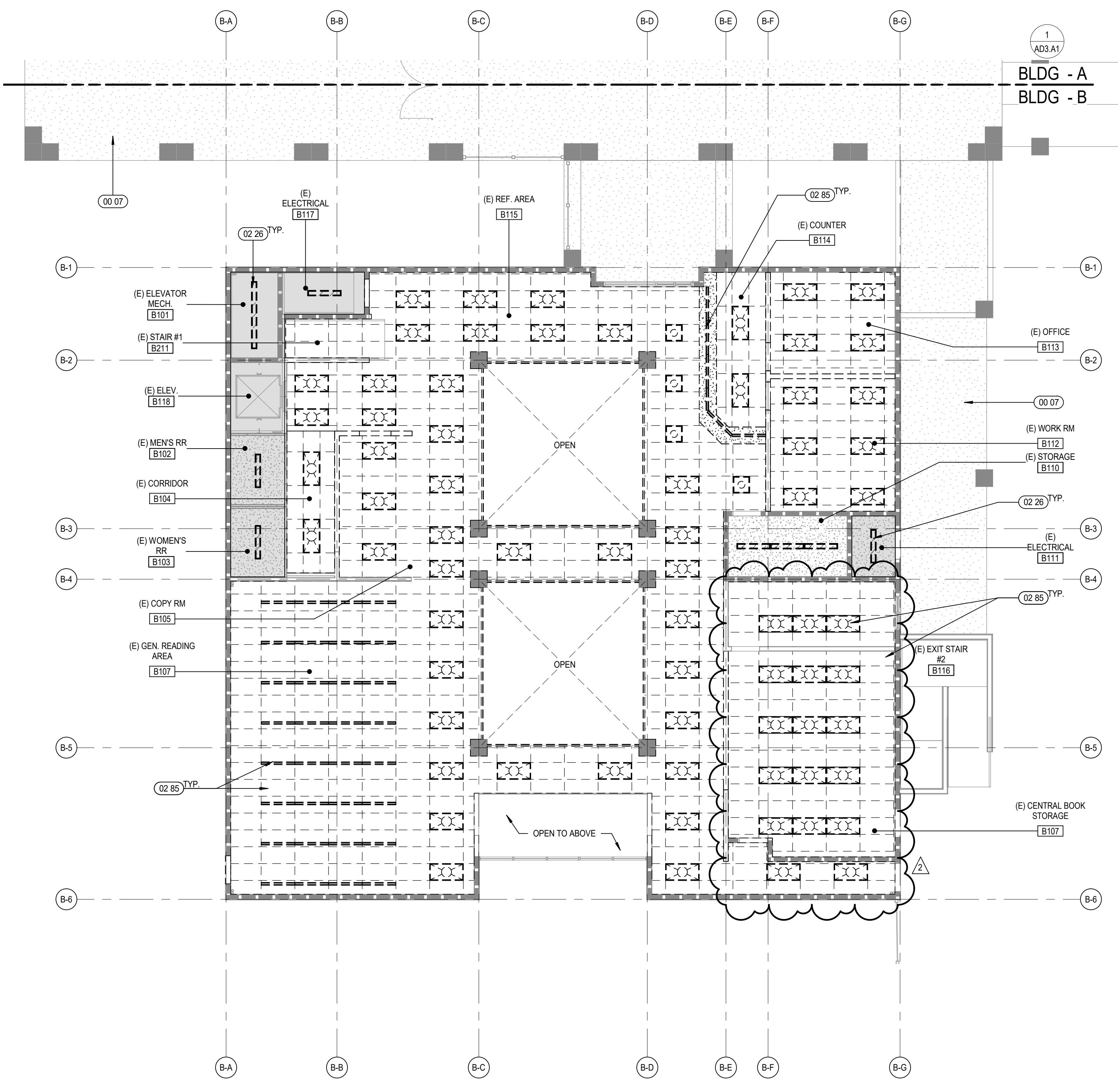
DEMO CEILING PLAN LEGEND

	NO CEILING WORK IN THIS AREA
	(E) SUSPENDED CEILING TO REMAIN
	(E) GYP. BD. CEILING TO REMAIN
	(E) STUD WALL TO BE DEMOLISHED
	(E) CEILING TO BE DEMOLISHED
	(E) LIGHT FIXTURE TO BE DEMOLISHED
	(E) LIGHT FIXTURE TO BE DEMOLISHED

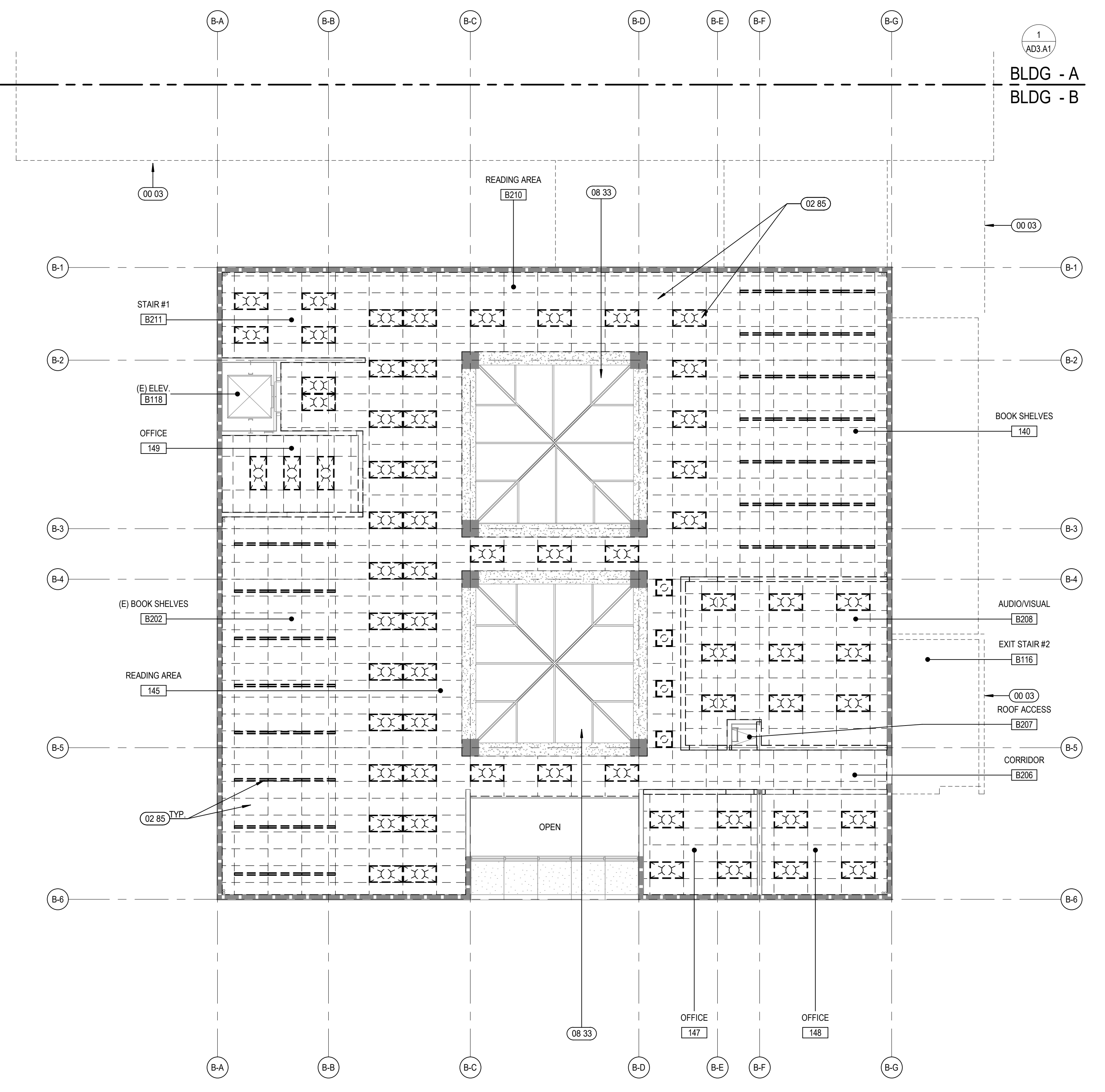
KEY PLAN



CHANGE ORDERS FOR ADDITIONAL DEMOLITION WORK WILL NOT BE ALLOWED FOR ANY ITEMS THAT ARE NOT SHOWN ON DOCUMENTS; HOWEVER, NEW WORK IS SHOWN TO OCCUR IN SAID SPACE OR AREA. CONTRACTOR MUST BID DOCUMENT IN THEIR TOTALITY AND NOT SPLIT DRAWINGS AMONG SUB-CONTRACTORS.



1 BLDG B - DEMO RCP - LEVEL 01
AD3.B1 SCALE: 1/8" = 1'-0"



3 BLDG B - DEMO RCP - LEVEL 2
AD3.B1 SCALE: 1/8" = 1'-0"

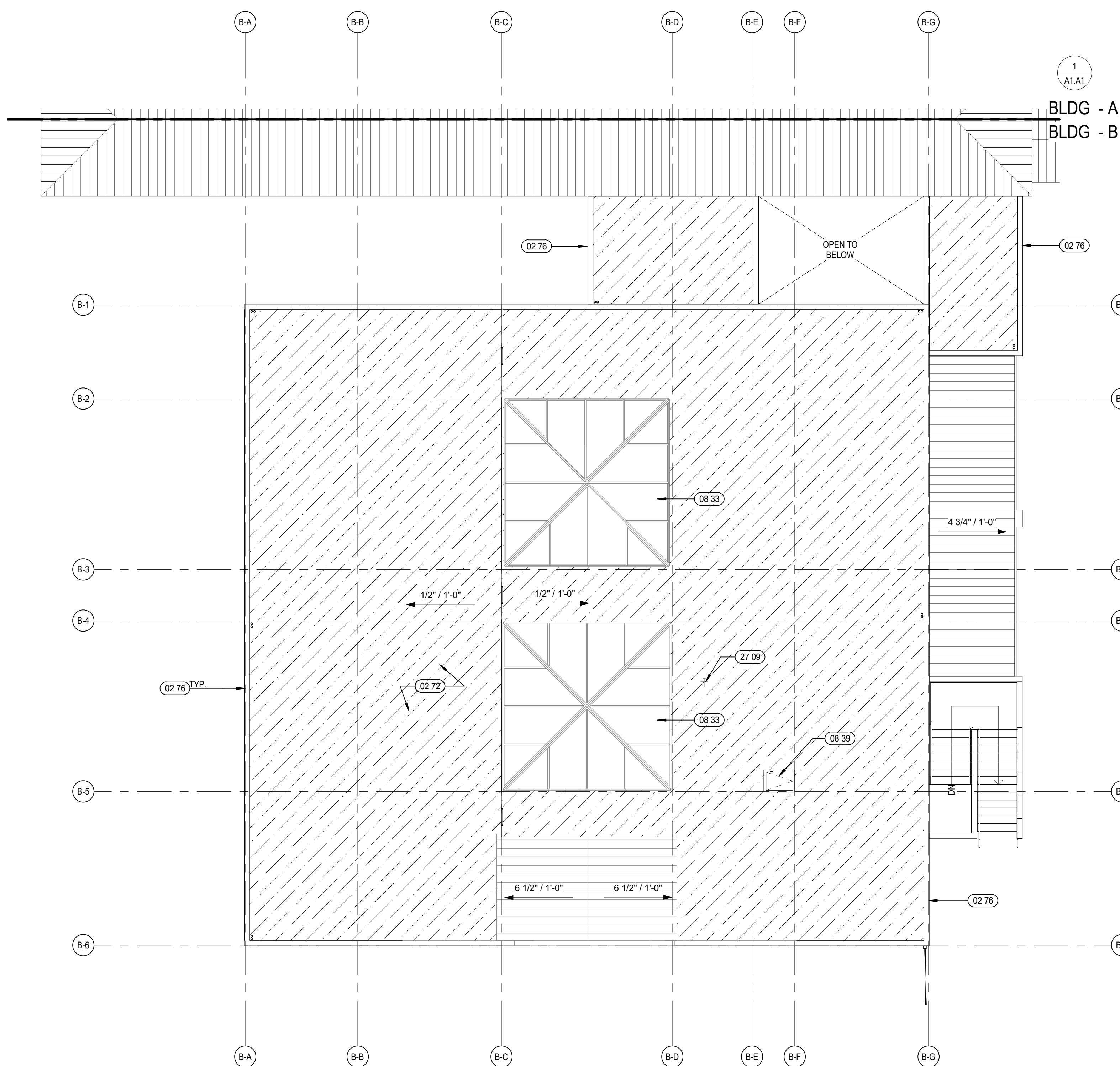
DEMOLITION REFLECTED CEILING PLAN - BLDG B
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave., South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2

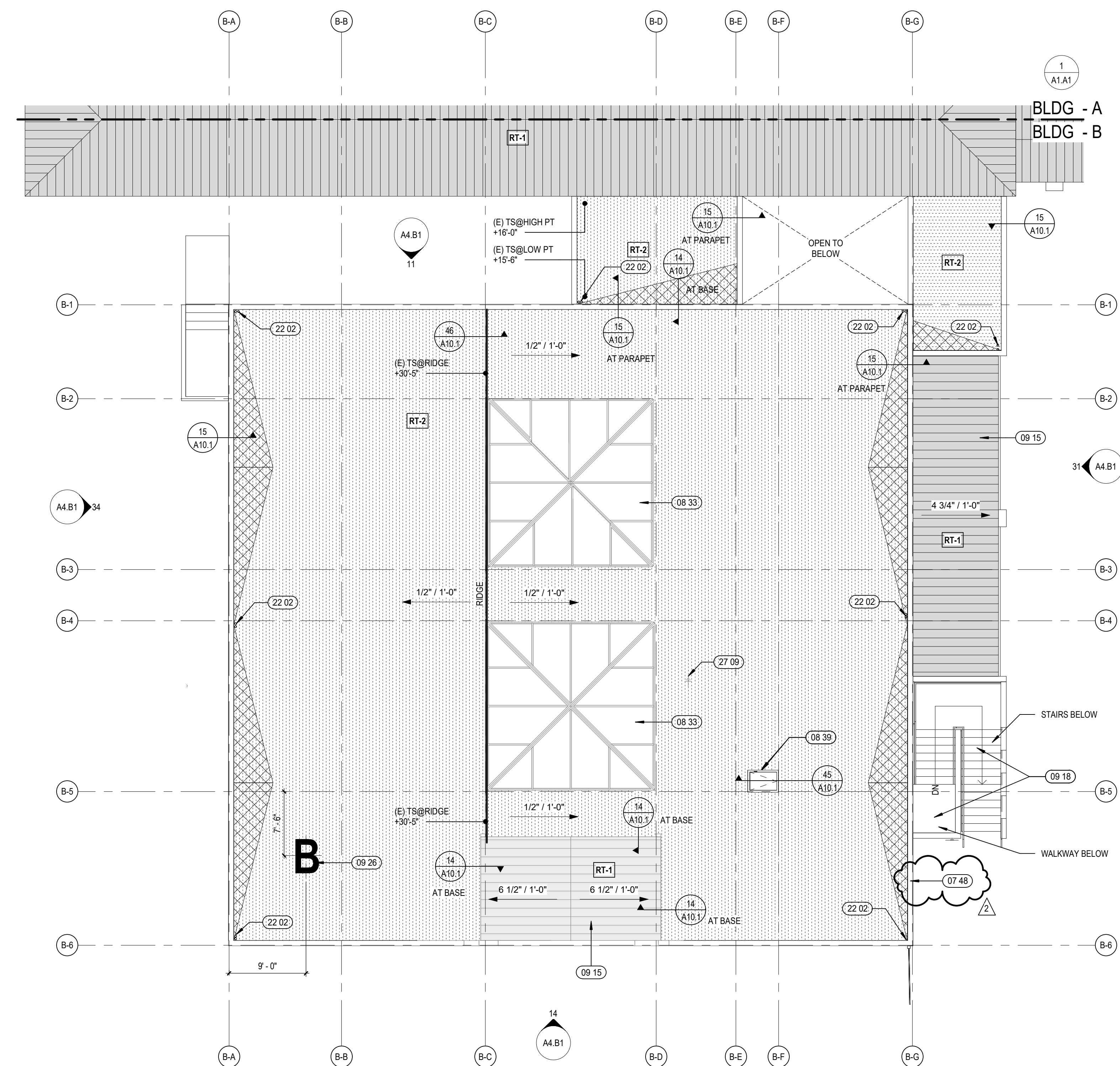


3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

AD3.B1



1 DEMO - BLDG B - ROOF
A1.B2 SCALE: 1/8" = 1'-0"



2 BLDG B - ROOF
A1.B2 SCALE: 1/8" = 1'-0"

KEYNOTES	
02 72	DEMO (E) ROOFING TO SUBSTRATE. PREPARE FOR (N) ROOFING
02 76	DEMO (E) ROOF FLASHING, COPING AND RELATED ACCESSORIES IN PREPARATION FOR NEW ROOF U.N.O.
07 48	(N) COPING CAP, TYP. REFER TO DETAIL 15A10.1
08 33	(E) SKYLIGHT TO REMAIN
08 39	(E) ROOF HATCH TO REMAIN
09 15	NEW PAINT AT (E) METAL ROOFS
09 18	SLIP-RESISTANT COATING AT EXTERIOR ELEVATED WALKWAYS, STAIRS AND LANDINGS. SEE TRAFFIC COATING SPEC. SECTION.
09 26	PAINT BUILDING LETTER IDENTIFICATION ON TPA MEMBRANE ROOFING. SIZE: 8'-0" TALL, FONT: ARMA, MFR: TREMCO (REPUBLIC RESTORATION SYSTEMS) ALPHAGUARD FLUID APPLIED ROOF SYSTEM, COLOR: MEDIUM GRAY.
22 02	(E) ROOF & OVERFLOW ROOF DRAIN, SEE DETAIL 53A10.1
27 09	(E) ANTENNA. REMOVE, RETAIN AND REINSTALL IN SAME LOCATION AFTER ROOFING WORK IS COMPLETED

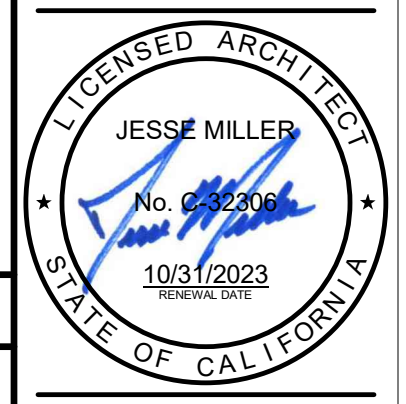
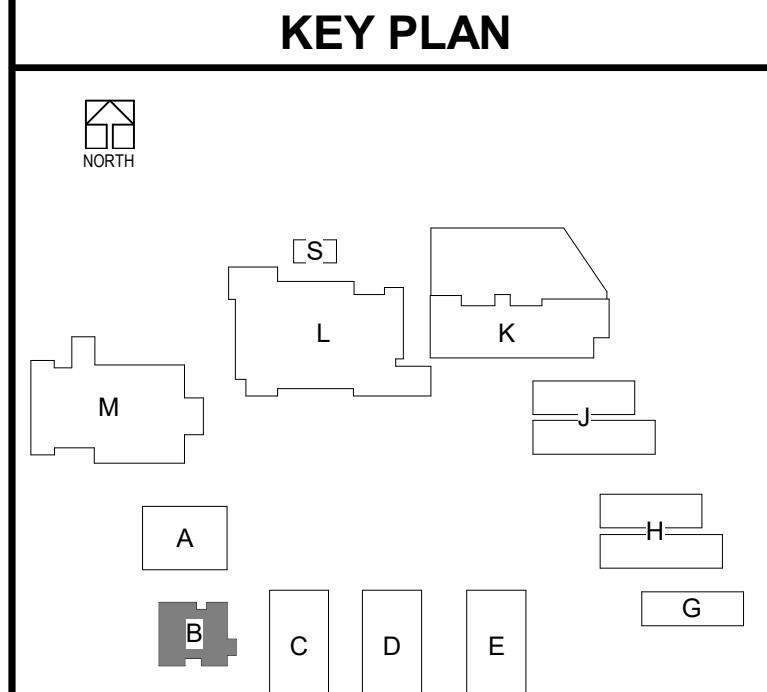
- ROOF PLAN GENERAL NOTES**
- ROOF PLAN GENERAL NOTES APPLY TO ALL ROOF PLAN SHEETS.
 - ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER INSULATION.
 - TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
 - ALL ROOF CURBS TO BE A MINIMUM OF 8 INCHES ABOVE ROOFING LEVELS. FIELD VERIFY HEIGHT OF EXISTING ROOF CURBS TO REMAIN AND IF THEY DO NOT MEET 8 INCH HEIGHT, BUILD-UP AND EXTEND CURBS TO REQUIRED HEIGHT.
 - PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE DRAINAGE AROUND CURBS.
 - SEE STRUCTURAL DRAWINGS FOR FRAMING AROUND ROOF PENETRATIONS.
 - COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS DRAWING.
 - FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON DRAWINGS.
 - NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0" EACH SIDE OF FIREWALL. SEE CODE PLAN FOR FIRE WALL LOCATIONS.
 - ALL SPOT ELEVATIONS OF EXISTING CONDITIONS ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED IN FIELD.
 - RT-2(C) INDICATES AREAS OF EXPECTED ZONULITE CONCRETE FILL ABOVE STEEL DECK AS EXISTING ROOFING ASSEMBLY. ALL EXISTING ROOF DECKS TO BE FIELD VERIFIED BY CONTRACTOR.
 - CONTRACTOR TO REMOVE (E) BUILT-UP ROOFING AT BUILDINGS G, H AND J. (E) ROOF DRAINS ARE TO REMAIN, U.N.O., (E) ROOF-TOP MECHANICAL IS TO REMAIN U.N.O.

DEMO ROOF PLAN LEGEND

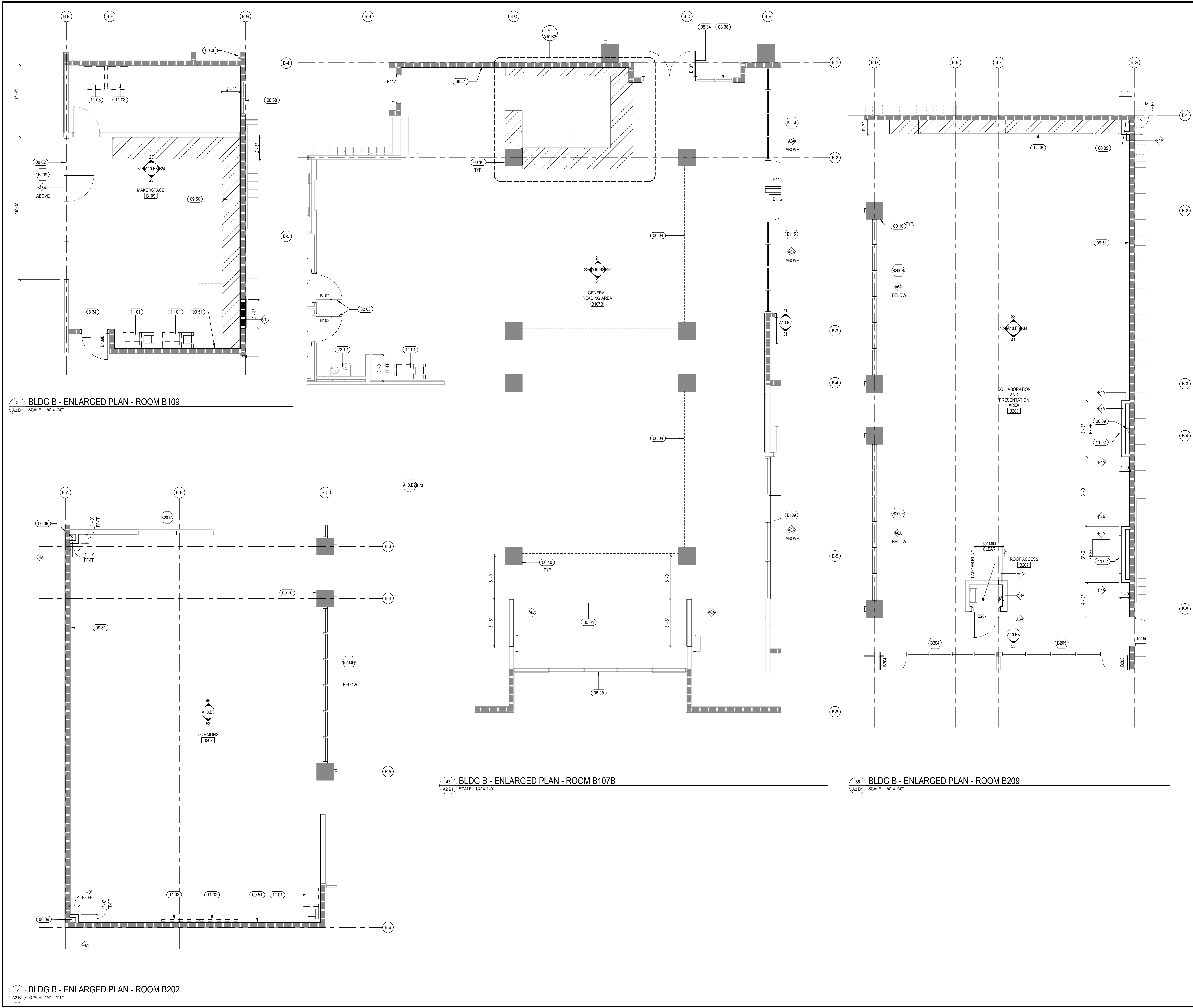
	(E) BUILT UP TO BE DEMOLISHED AND REMOVED
	(E) ROOF ACCESS HATCH TO REMAIN U.N.O.
	(E) ROOF DRAIN AND OVERFLOW TO REMAIN U.N.O.
	(E) ROOF TOP MECHANICAL UNIT OR EXHAUST FAN TO BE DEMOLISHED. SEE MECHICAL SHEETS.

ROOF PLAN LEGEND

	(E) METAL ROOFING, PAINTED PER EXTERIOR ELEVATIONS
	(N) SINGLE PLY ROOFING. SEE 26/A10.1
	(N) TAPERED INSULATION ATTACH PER DETAIL 31/A10.1
	(E) ROOFTOP EXHAUST FAN & CURB. SEE 34/A10.1
	ROOF WALKWAY PADS



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21 BLDG B - ENLARGED PLAN - ROOM B109
SCALE: 1/4" = 1'-0"

43 BLDG B - ENLARGED PLAN - ROOM B107B
SCALE: 1/4" = 1'-0"

35 BLDG B - ENLARGED PLAN - ROOM B209
SCALE: 1/4" = 1'-0"

51 BLDG B - ENLARGED PLAN - ROOM B202
SCALE: 1/4" = 1'-0"

KEYNOTES

00 04	LINE OF SOFFIT ABOVE SHOWN DASHED
00 09	(E) RWL TO REMAIN
00 10	(E) COLUMN TO REMAIN - PAINTED
08 02	ALUMINUM STOREFRONT. SEE WINDOW SCHEDULE
08 34	NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A8.2 & A8.3
08 38	(E) EXTERIOR WINDOW TO REMAIN. PAINT FRAME
09 50	COUNTERTOP. REFER TO INTERIOR ELEVATION FOR DETAIL
09 51	PROVIDE (N) GYPSUM BOARD OVER FRAMING, TYP
11 01	PRINTER, OFCI
11 02	60" TV MONITOR, OFCI. SEE DETAIL 51A11.5 FOR MOUNTING INFO
11 03	COUNTERTOP 3D PRINTER, OFCI
12 16	LEARNING WALL CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO
22 12	(E) H/LD DRINKING FOUNTAIN TO REMAIN
32 03	NEW FLATWORK. SEE CIVIL FOR ADDITIONAL INFO

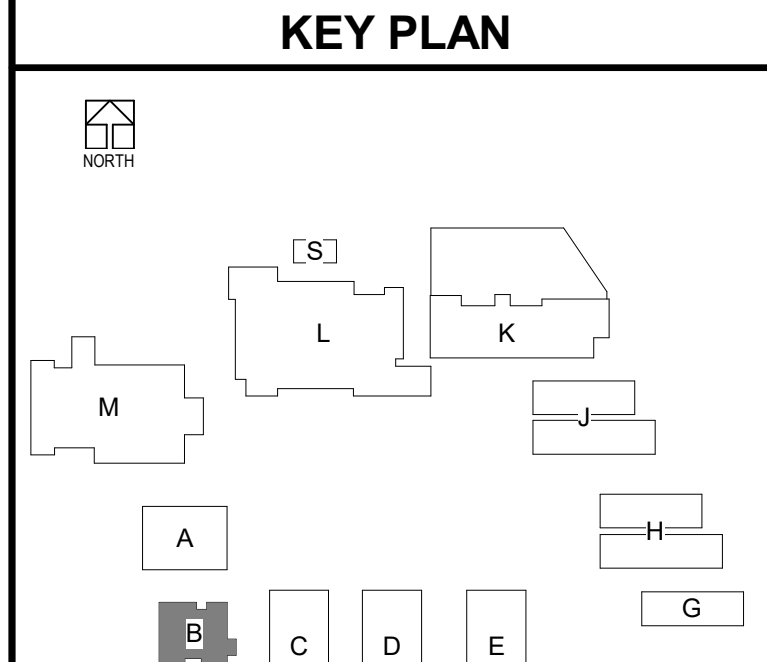
INTERIOR ELEVATION LEGEND

XX	CASEWORK ELEVATION
XX-XX-XX	INTERIOR ELEVATION
—	ALIGNMENT SYMBOL
XX-XX	KEYNOTE TAG
XX-XX	FINISH KEY TAG
XX-XX	DETAIL SECTION
XX	SPECIALTY EQUIPMENT TAG
XXXX	STOREFRONT TAG
XXXX	WINDOW TAG
X	WALL TAG. SEE SHEET A8.1

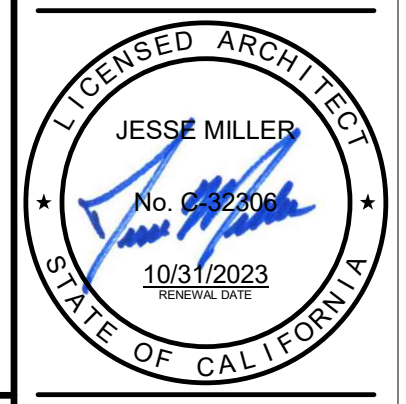
FLOOR PLAN LEGEND

[Symbol]	MINIMAL INTERIOR ARCHITECTURAL WORK
[Symbol]	(E) STUD WALL
[Symbol]	(E) C.M.U. WALL
[Symbol]	(E) 1HR RATED WALL
[Symbol]	(E) 2HR RATED WALL
[Symbol]	(N) OR INFILL STUD WALL. SEE 42/A11.5 FOR INFILL WALL
[Symbol]	INFILL 1HR RATED WALL
[Symbol]	(N) DOOR
[Symbol]	(N) CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO

NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.



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BLDG B - ENLARGED FLOOR PLANS
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2

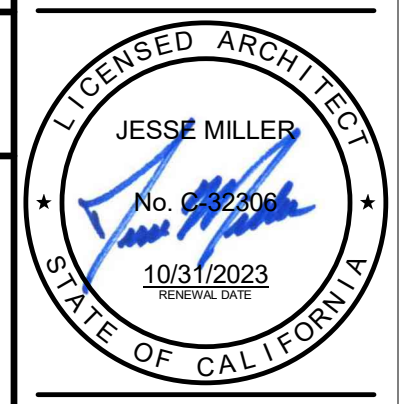


3537 Johnson Ave,
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

A2.B1

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KEYNOTES

- 09 07 UNDERSIDE AND FACE OF GYP BD. CEILING TO BE PAINTED WITH P3
- 09 08 UNDERSIDE OF OPEN CEILING AND EXPOSED STRUCTURAL ITEMS 10'-0" AFF. TO BE PAINTED WITH P6, INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ITEMS
- 09 17 FELT BAFFLES, SEE A11.13 FOR DETAILS.
- 09 52 PAINT UNDERSIDE OF CANOPY, TYP
- 11 14 SCHEDULED SHORT THROW PROJECTOR STP-1, SEE FINISH SCHEDULE FOR DETAILS, SEE ELECTRICAL FOR POWER AND AV INFRASTRUCTURE.
- 26 52 INTERIOR LIGHTING, PENDANT RING, SEE E SHEETS FOR ATTACHMENT AND BRACING

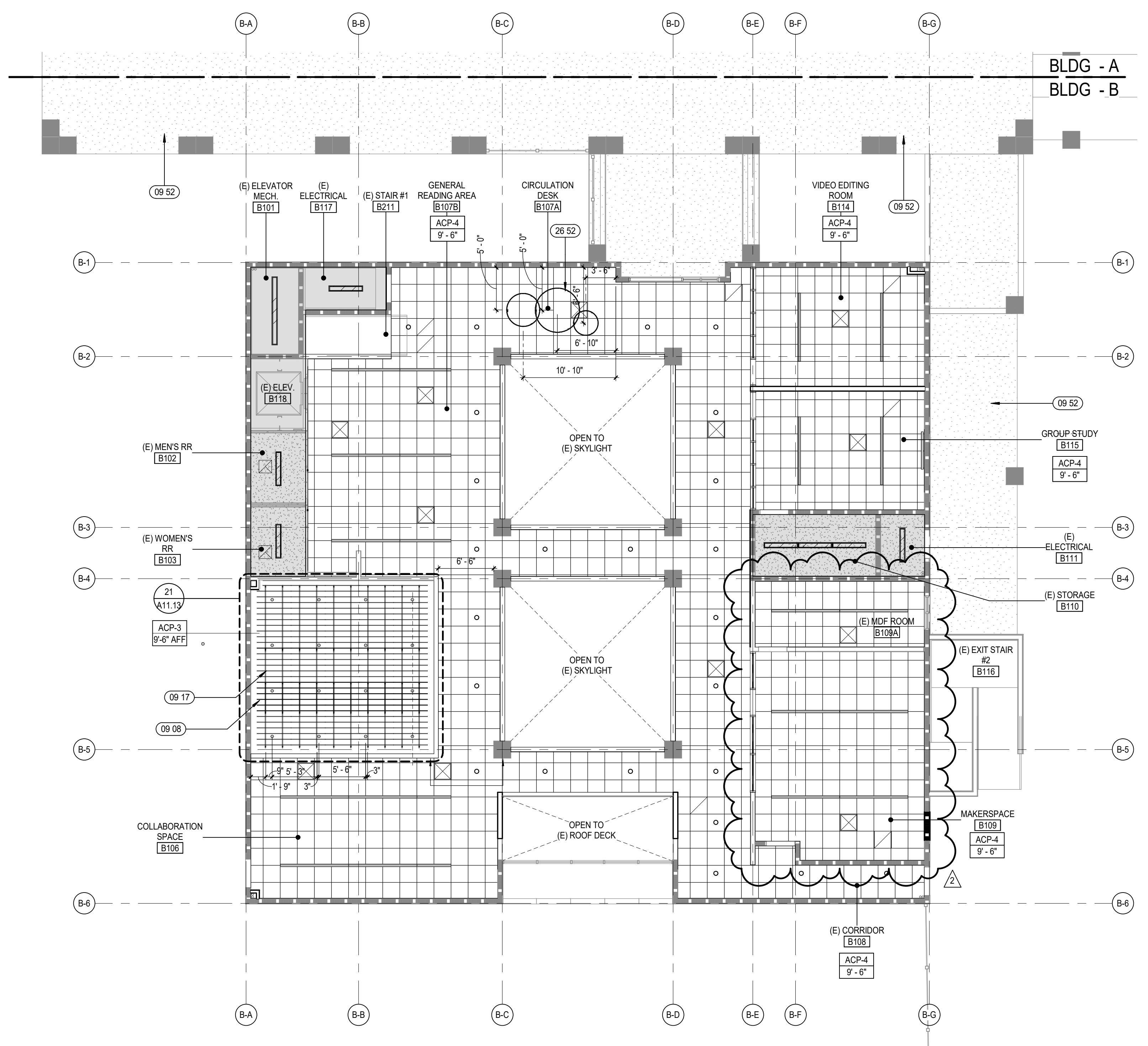
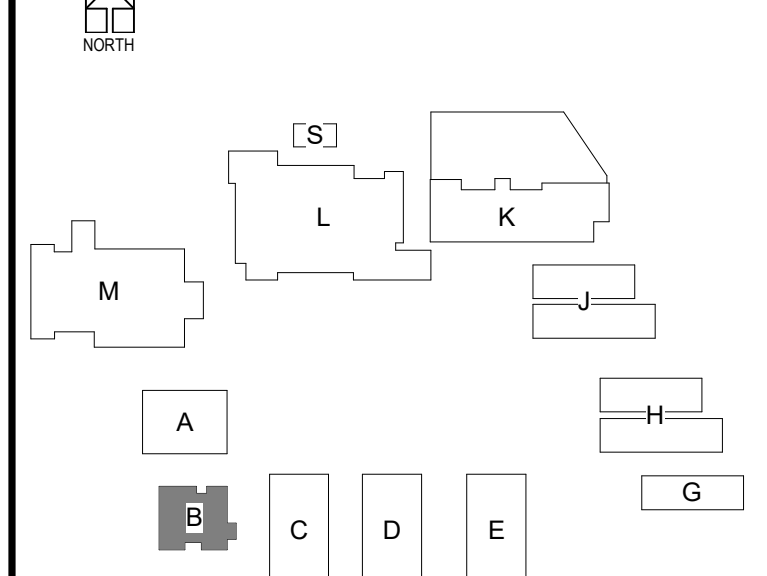
REFLECTED CEILING PLAN GENERAL NOTES

- A. REFLECTED CEILING PLAN GENERAL NOTES APPLY TO ALL REFLECTED CEILING PLAN SHEETS.
- B. ALL CEILING GRID/PANELS SHALL BE CENTERED IN EACH ROOM UNLESS NOTED OTHERWISE.
- C. CEILING HEIGHTS ARE NOTED ON THE REFLECTED CEILING PLANS ARE MEASURED FROM THE FINISH FLOOR OF THE ROOM.
- D. ALL ELECTRICAL FIXTURES, SPEAKERS, SMOKE AND THERMAL DETECTORS, MECHANICAL GRILLES, SPRINKLER HEADS AND OTHER CEILING MOUNTED DEVICES, SHALL BE CENTERED BETWEEN CEILING GRIDS UNLESS NOTED OTHERWISE. SPRINKLER HEADS SHALL BE WITHIN A 3-INCH RADIUS CENTERED BETWEEN CEILING GRIDS.
- E. IN ACOUSTICAL CEILING PANELS WITH SCORE IN THE CENTER, CENTER DEVICES REFERENCE IN NOTE D IN ONE HALF OF THE TILE. DO NOT LOCATE ON THE SCORE. FOR APC WITH MULTIPLE SCORED PATTERNS, COORDINATE LOCATION WITH THE ARCHITECT.
- F. PROVIDE SUSPENSION SYSTEM AROUND ELECTRICAL FIXTURES, MECHANICAL GRILLES, DIFFUSERS, AND OTHER CEILING MOUNTED DEVICES; AT ACOUSTICAL PANEL CEILINGS.
- G. ALL DIMENSIONS ON REFLECTED CEILING PLANS ARE ACTUAL AND ARE TO THE FOLLOWING UNLESS NOTED OTHERWISE:
 - a. FACE OF FINISHED WALL
 - b. FACE OF FINISHED BULKHEADS
 - c. CENTERLINE OF COLUMNS
 - d. CENTERLINE OF TEES
- H. IN AREAS WITH EXPOSED STRUCTURE CEILINGS, COORDINATE EXACT LOCATIONS OF MECHANICAL GRILLES, DIFFUSERS, DUCTWORK AND ELECTRICAL FIXTURES WITH EACH REPRESENTATIVE SUBCONTRACTOR.
- I. ALL WALLS EXTEND TO UNDERSIDE OF DECK EXCEPT THOSE SHOWN SHADDED IN WHICH GYPSUM BOARD OR MASONRY EXTENDS MIN 4 INCHES ABOVE FINISHED CEILING. ALL METAL STUDS EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK.
- J. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EXACT QUANTITIES, TYPES, AND LOCATIONS OF LIGHTING FIXTURES, HVAC DUCT AND DIFFUSERS.
- K. AT OPEN CEILING CONDITION, PAINT UNDERSIDE OF THE STRUCTURE INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ITEMS.
- L. ALL FS RECESSED DOWN LIGHTS TO BE INSTALLED AT THE CENTER OF THE CEILING TILE U.O.N.
- M. SEE SHEETS A11.11, A 11.12 & A11.13 FOR CEILING AND CEILING ACCESSORY DETAILS.
- N. REFER TO SHEET A8.1 FOR WALL TYPES

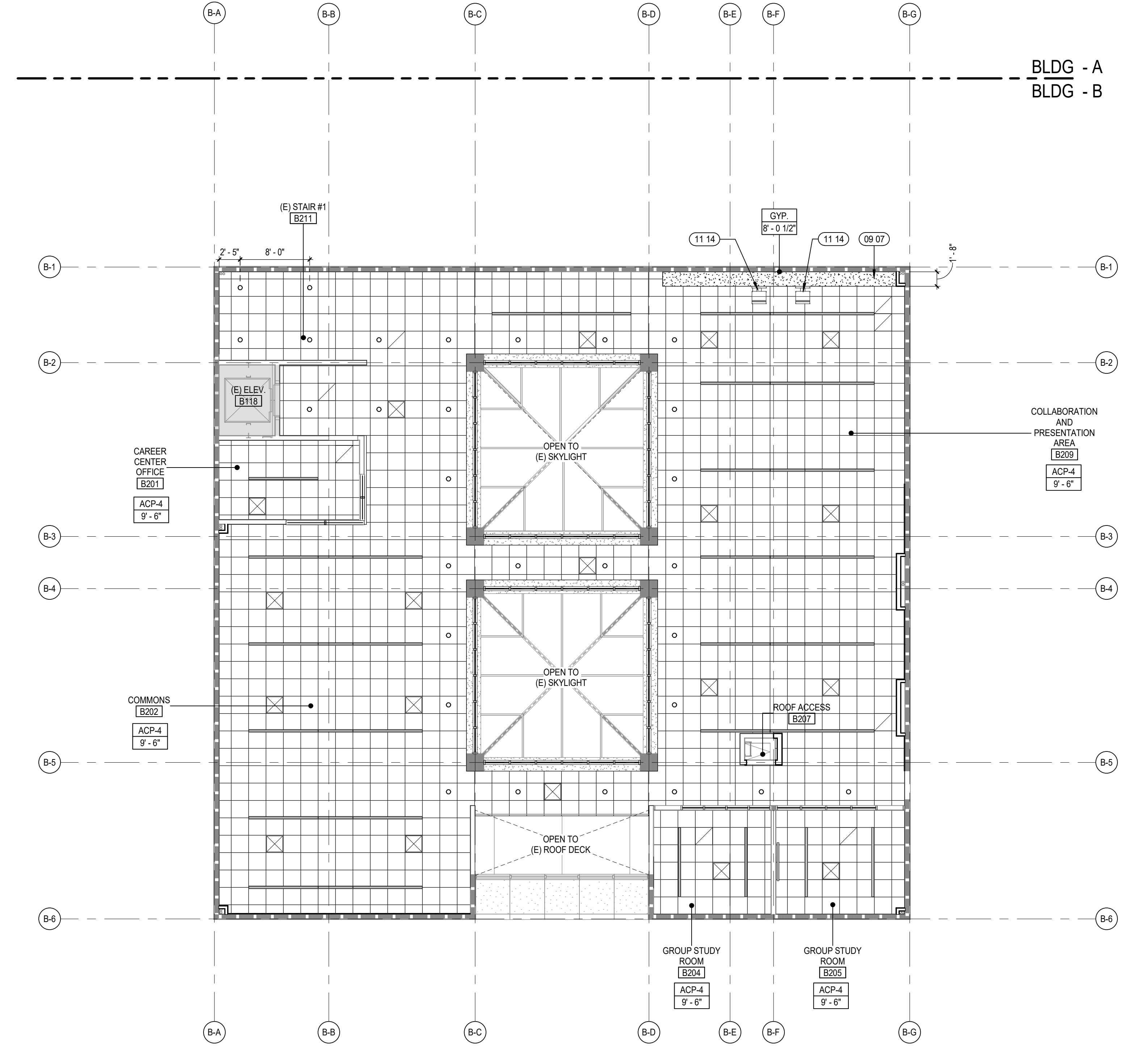
CEILING PLAN LEGEND

- [Blank] NO CEILING WORK IN THAT AREA
- [Dotted] (E) ACT CEILING TO REMAIN
- [Horizontal Lines] (E) GYP. BD. CEILING TO REMAIN
- [Vertical Lines] EXPOSED CEILING: PAINT ALL EXPOSED COMPONENTS INCL. BUT NOT LIMITED TO STRUCT. FRAMING, MEP ITEMS (DUCTS, CONDUITS, PIPES, HANGARS, ETC.) SPRAY ON FIRE PROOFING, U.O.C.
- [Diagonal Lines] ACP (N) ACT CEILING - SEE DETAILS AT SHEETS A11.11 & A11.12
- [Stippled] GYP (N) GYP. BD. CEILING/SOFFIT
- [Cross-hatch] PL (N) PLASTER CEILING
- [Wavy Lines] AWC (N) ACP/AWC ACOUSTICAL BAFFLE CEILING - SEE DETAILS AT SHEET A11.13
- [Circle with X] (N) LIGHT FIXTURE (2X4) A11.11, A11.12
- [Circle with dot] (N) LIGHT FIXTURE (DOWN LIGHT) A11.11, A11.12
- [Line with dot] (N) LIGHT FIXTURE (LINEAR LIGHT) SEE E DWGS
- [Square with X] (N) CEILING ACCESS PANEL A11.12

KEY PLAN



1 BLDG B - RCP - LEVEL 01
 A3.B1 SCALE: 1/8" = 1'-0"



2 BLDG B - RCP - LEVEL 02
 A3.B1 SCALE: 1/8" = 1'-0"

REFLECTED CEILING PLAN - BLDG B
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91733

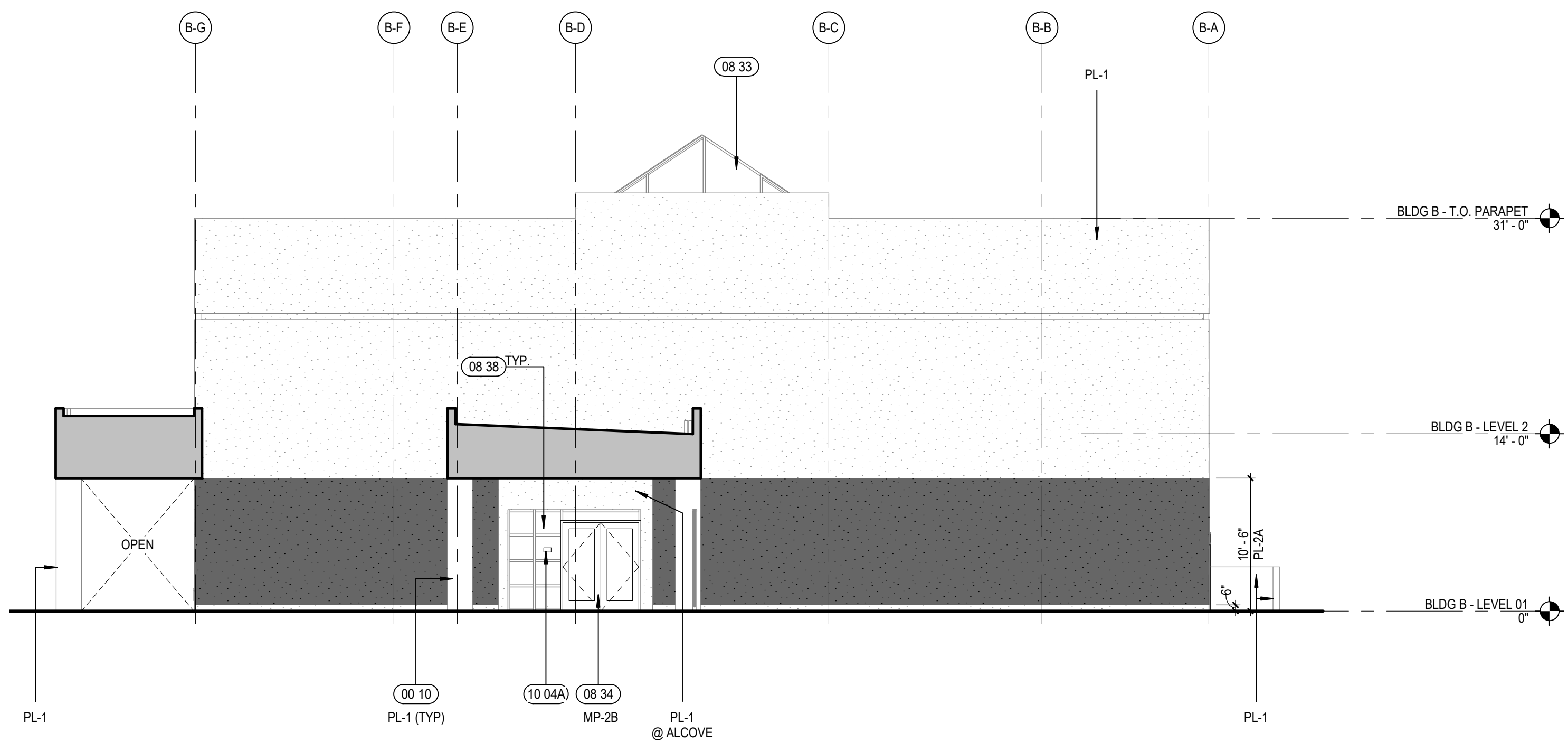
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 03/01/2022
 11/18/2022 ADDENDUM 2



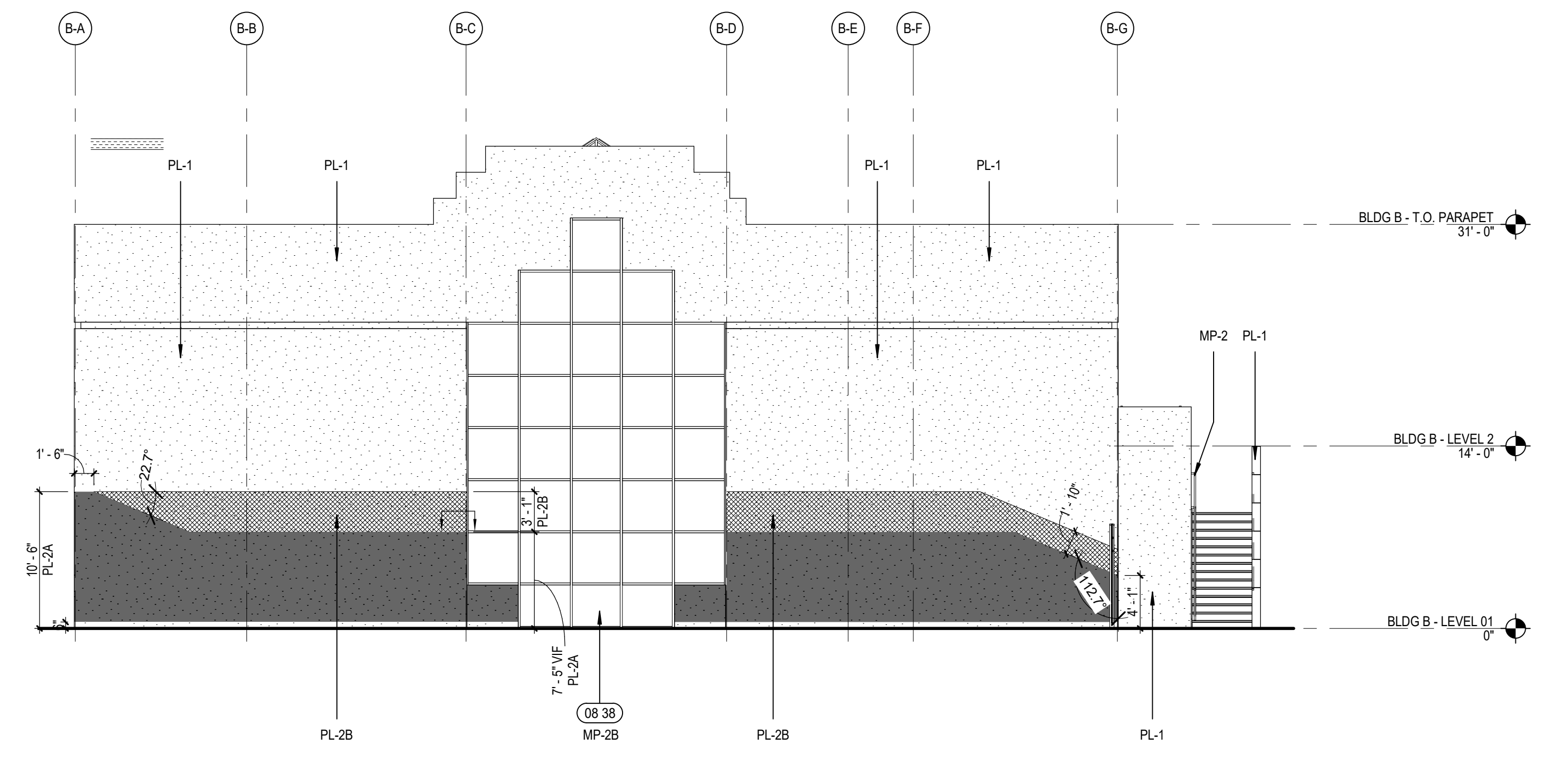
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 El Monte, CA 91731

PROJECT #75-20225-00
 DSA APPL. #03-122081
 DSA FILE #19-H10

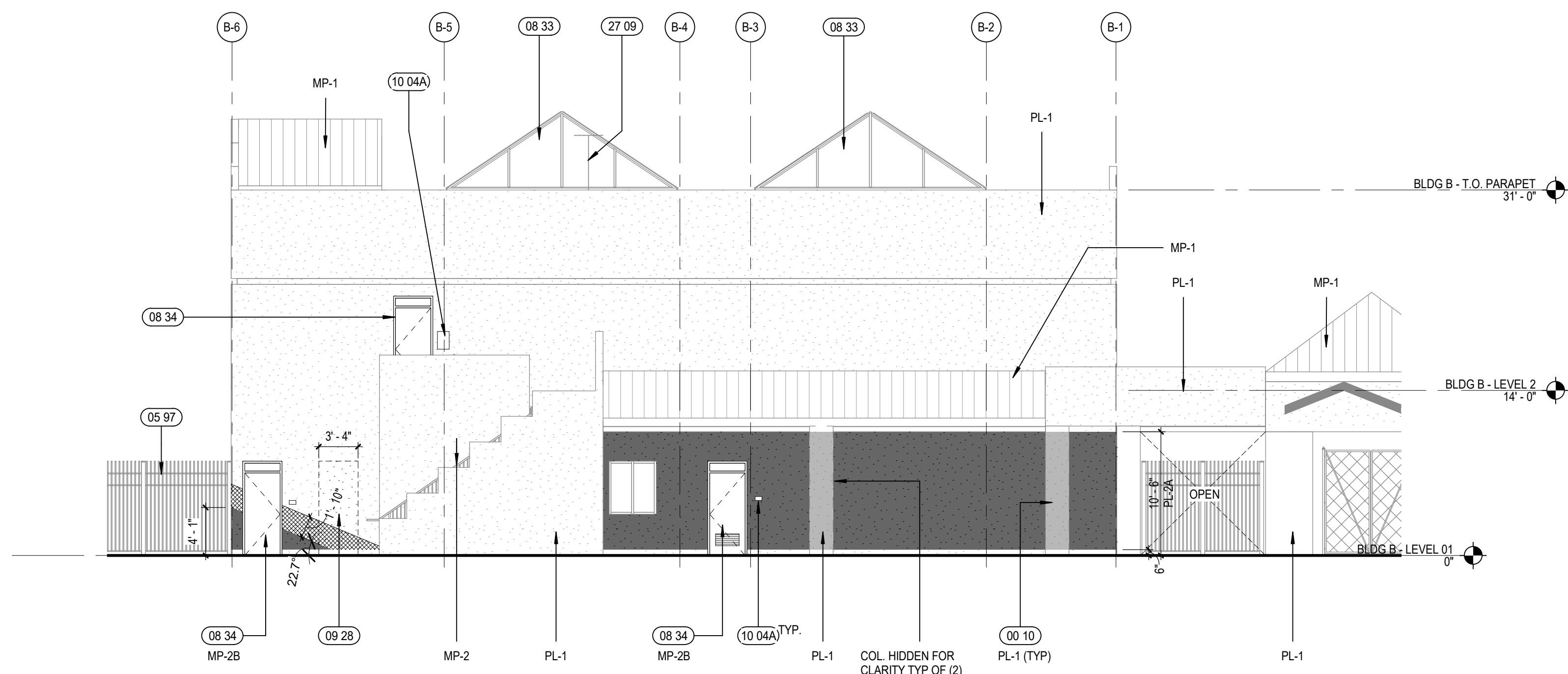
A3.B1



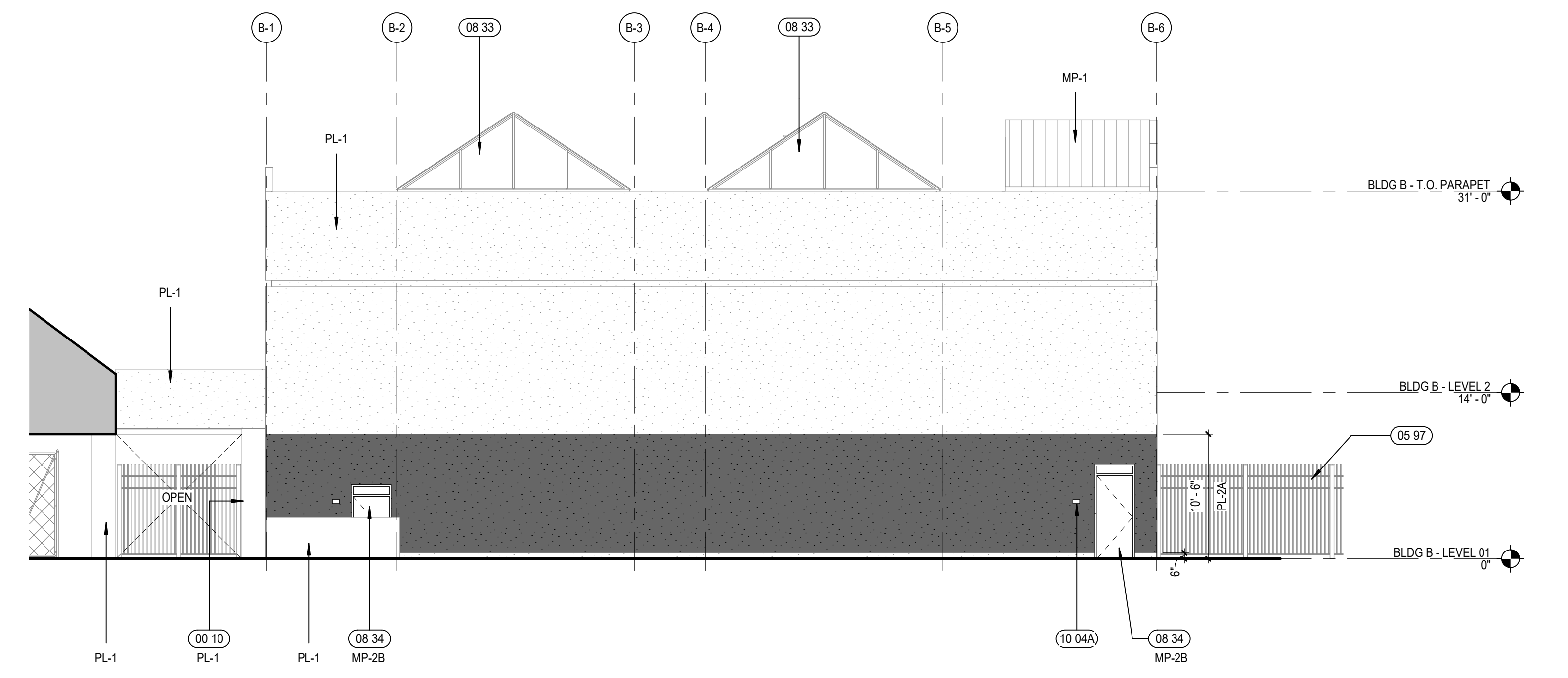
11 BLDG B - NORTH ELEVATION
A4.B1 SCALE: 1/8" = 1'-0"



14 BLDG B - SOUTH ELEVATION
A4.B1 SCALE: 1/8" = 1'-0"



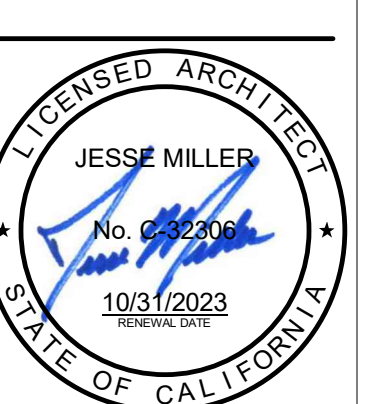
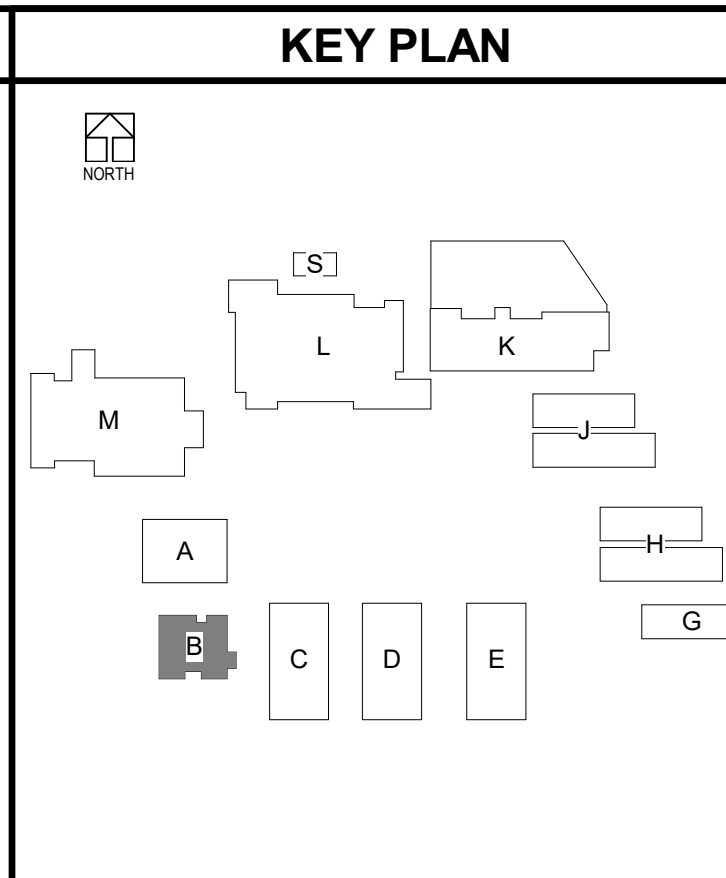
31 BLDG A & B - EAST ELEVATION
A4.B1 SCALE: 1/8" = 1'-0"



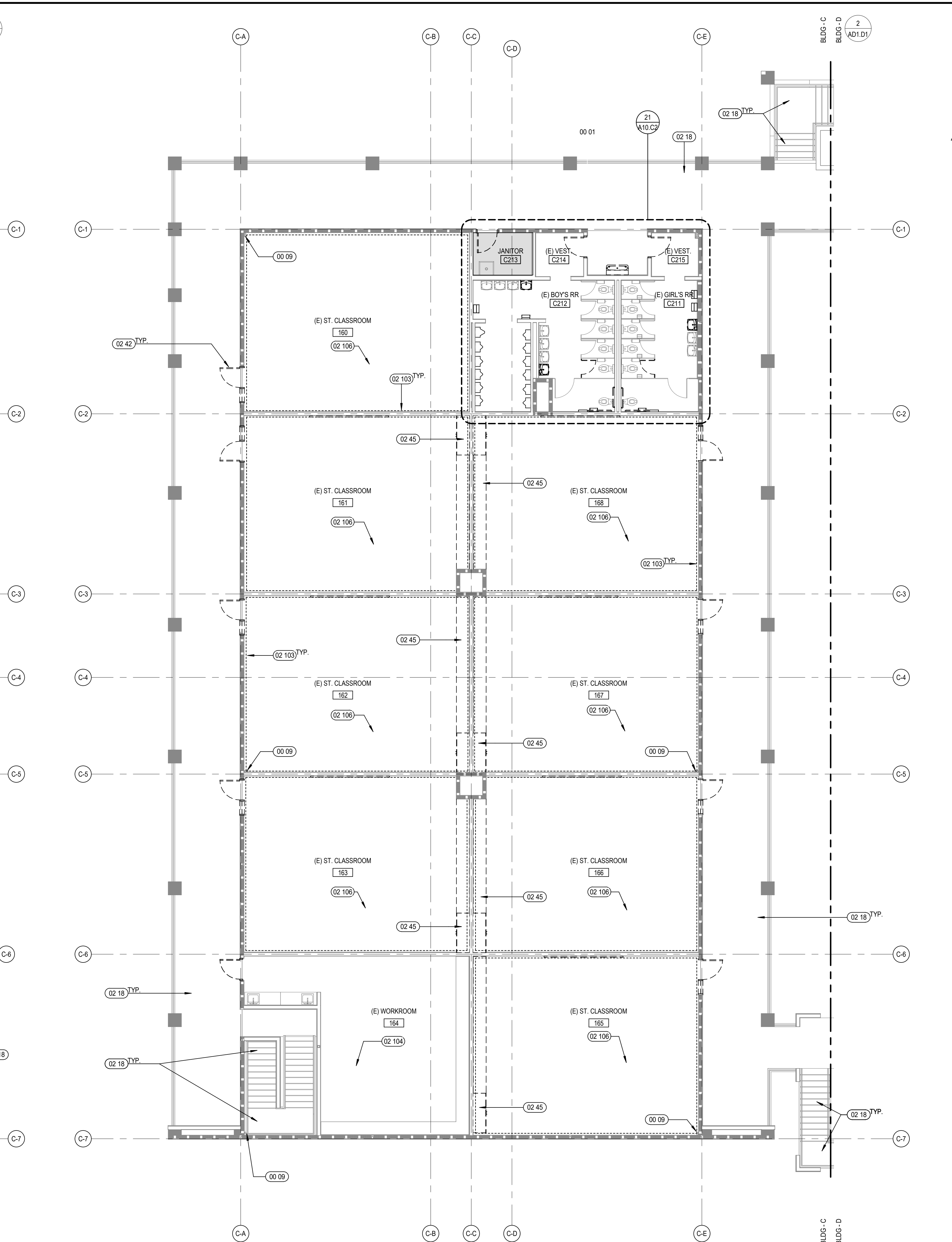
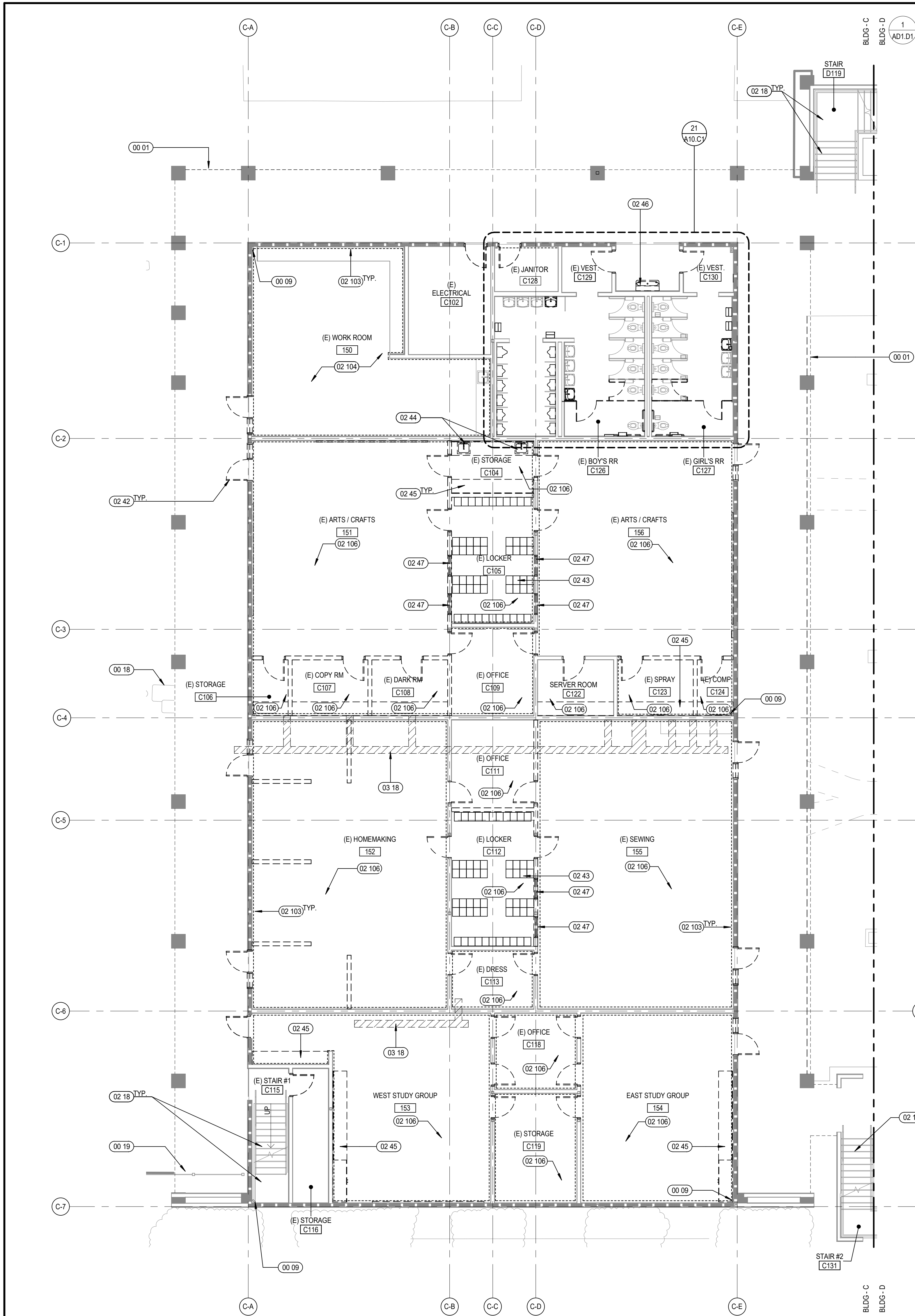
34 BLDG A & B - WEST ELEVATION
A4.B1 SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION FINISH LEGEND	
<p>MP-1 METAL ROOF COLOR, GREY - SEE SPEC SECTION 07 01 50.61</p> <p>MP-2X EXPOSED STEEL, PAINTED X= COLOR, SEE COLOR LEGEND</p> <p>MP - #A COLOR LEGEND:</p> <p>A. DARK BLUE, Dunn Edwards, Black River Falls DEA189</p> <p>B. YELLOW, Dunn Edwards, Tuscan Sun DE5341</p>	<p>PL-1 EXTERIOR PLASTER, BASE COLOR, TYP U.N.O. COLOR = (LIGHT GRAY) - MFR: ABCD MFR: Dunn Edwards, Stegitz Silver OCT612</p> <p>PL-2X EXTERIOR PLASTER - ACCENT COLORS X= COLOR, SEE PLASTER COLOR LEGEND</p> <p>PL - #A PLASTER COLOR LEGEND:</p> <p>A. NAVY BLUE MFR: Dunn Edwards, Black River Falls DEA189</p> <p>B. YELLOW MFR: Dunn Edwards, Tuscan Sun DE5341</p> <p>C. WHITE MFR: Dunn Edwards, Coconut Grove DEHW03</p>

KEYNOTES	
00 10	(E) COLUMN TO REMAIN - PAINTED
05 97	(E) DECORATIVE METAL FENCE TO REMAIN, PAINT
08 33	(E) SKYLIGHT TO REMAIN
08 34	NEW/REPLACED DOOR AND FRAME, SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A8.2 & A8.3
08 38	(E) EXTERIOR WINDOW TO REMAIN, PAINT FRAME
09 28	INFILL WALL OPENINGS, FINISH TO MATCH ADJACENT SURFACE IN MATERIAL, THICKNESS AND FINISH
10 04A	SIGNAGE, SEE SIGNAGE PLANS FOR DETAIL
27 09	(E) ANTENNA: REMOVE, RETAIN AND REINSTALL IN SAME LOCATION AFTER ROOFING WORK IS COMPLETED



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KEYNOTES

- 00 01 LINE OF ROOF/OVERHANG ABOVE SHOWN DASHED
- 00 09 (E) RWL TO REMAIN
- 00 18 (E) SITE UTILITIES TO REMAIN U.N.O. SEE CIVIL DWGS
- 00 19 (E) SITE FENCE/GATE TO REMAIN
- 02 18 REMOVE (E) FINISH / PREP EXTERIOR ELEVATED WALKWAYS, STAIRS, AND LANDINGS FOR NEW TRAFFIC COATING FINISH
- 02 42 DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)
- 02 43 DEMO (E) LOCKERS IN THEIR ENTIRETY
- 02 44 DEMO (E) SINK/LAVATORY, CAP PLUMBING LINES
- 02 45 DEMO (E) CASEWORK
- 02 46 DEMO (E) DRINKING FOUNTAIN
- 02 47 DEMO (E) WINDOW
- 02 103 REMOVE (E) WALL FINISHES DOWN TO STUDS INCLUDING ALL ATTACHED ITEMS (INCLUDE ALL WALLS WHERE NECESSARY TO HIDE OUTLETS)
- 02 104 DEMO (E) FLOORING AND BASE
- 02 106 1. DEMO (E) FLOORING AND BASE, 2. DEMO (E) WALL FINISH
- 03 18 SAWCUT PORTION OF CONCRETE SLAB. PREP FOR (N) PLUMBING WORK. SEE PLUMBING DRAWINGS. PATCH CONCRETE WHEN PLUMBING WORK IS COMPLETE.

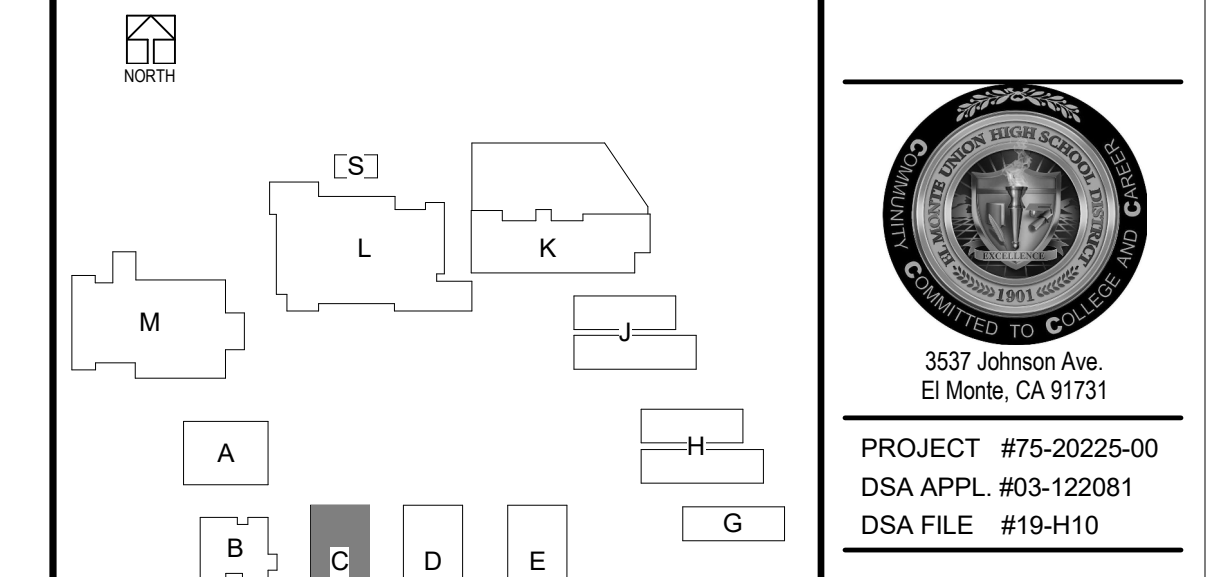
DEMOLITION GENERAL NOTES

- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.
- THE CONTRACTOR SHALL:
- A. COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
 - B. COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
 - C. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
 - D. MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
 - E. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
 - F. REMOVE IN THEIR ENTIRETY ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILING, SOFFITS, MARKERS/BOARDS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
 - G. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
 - H. PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - I. REPAIR OR REPLACE ITEMS THAT ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
 - J. EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT AND OWNER.
 - K. VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
 - L. PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS, AS REQUIRED TO MAINTAIN FIRE-RESISTANCE-RATED SEPARATIONS OR PREVIOUS CONDITIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
 - M. CAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
 - N. SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
 - O. AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
 - P. WHERE CMU WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY REMOVING CMU IN TOOTH-IN PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH-IN NEW CMU PATCHES.
 - Q. WHERE PLASTER/STUD WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 1'-0" BEYOND DEMOLITION.
 - R. DEMO 12" MIN OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE.

DEMO FLOOR PLAN LEGEND

- (---) MINIMAL INTERIOR ARCHITECTURAL WORK
- (---) DEMO (E) GYP TO STUDS. PREP FOR (N) SHEATHING
- (---) (E) STUD WALL TO REMAIN
- (---) (E) C.M.U. WALL TO REMAIN
- (---) (E) 1HR RATED WALL TO REMAIN
- (---) (E) DOOR TO REMAIN
- (---) (E) STUD WALL TO BE DEMOLISHED
- (---) (E) DOOR TO BE DEMOLISHED
- (---) (E) FENCE TO BE DEMOLISHED

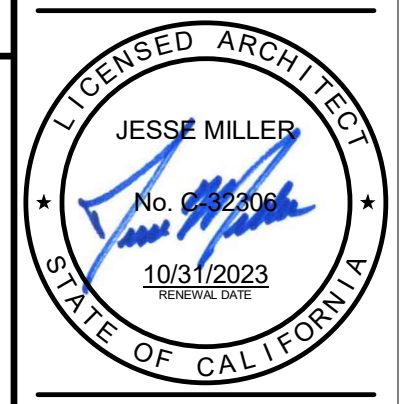
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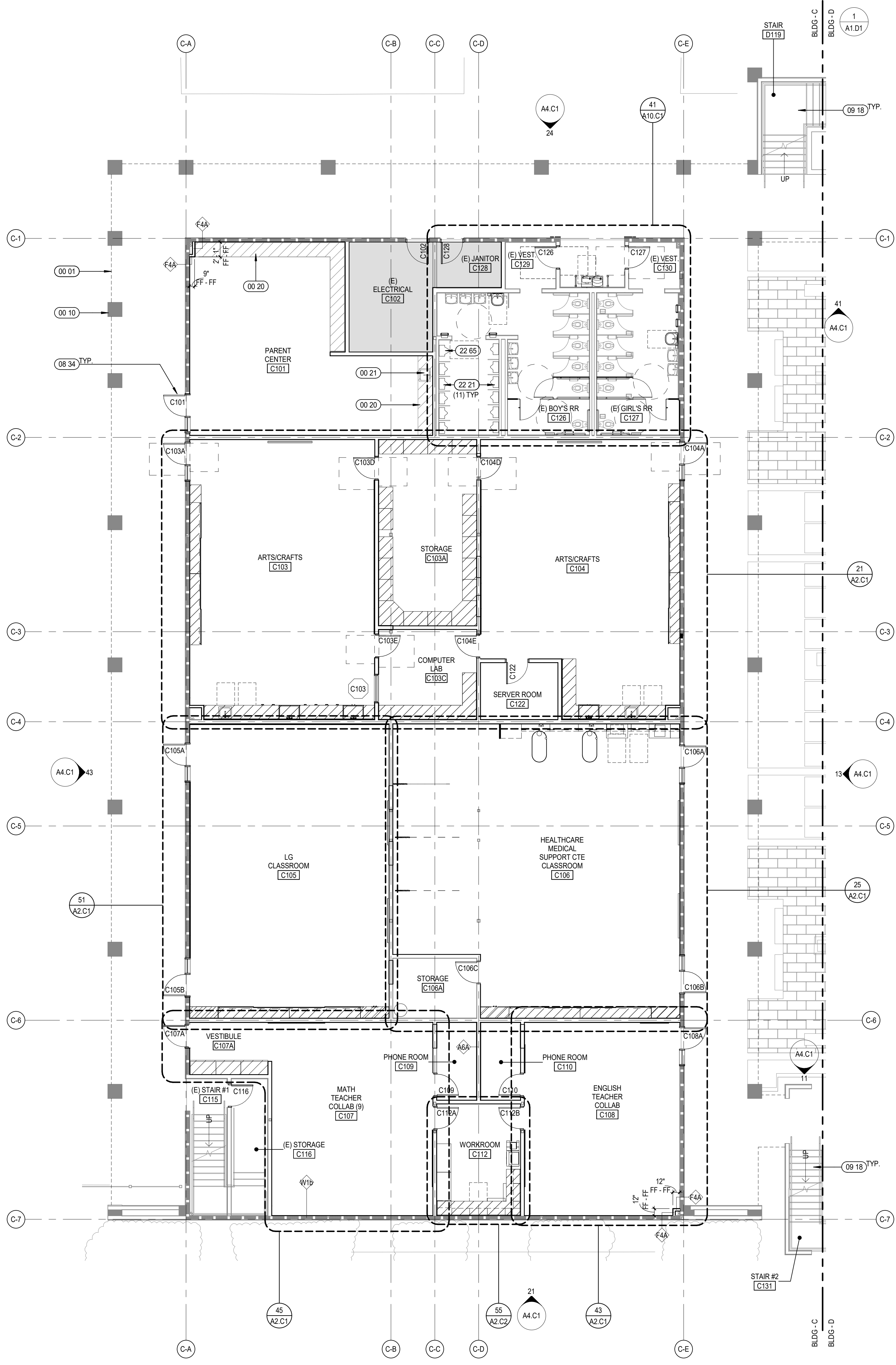


CHANGE ORDERS FOR ADDITIONAL DEMOLITION WORK WILL NOT BE ALLOWED FOR ANY ITEMS THAT ARE NOT SHOWN ON DOCUMENTS. HOWEVER, NEW WORK IS SHOWN TO OCCUR IN SAID SPACE OR AREA. CONTRACTOR MUST BID DOCUMENT IN THEIR TOTALITY AND NOT SPLIT DRAWINGS AMONG SUB-CONTRACTORS.

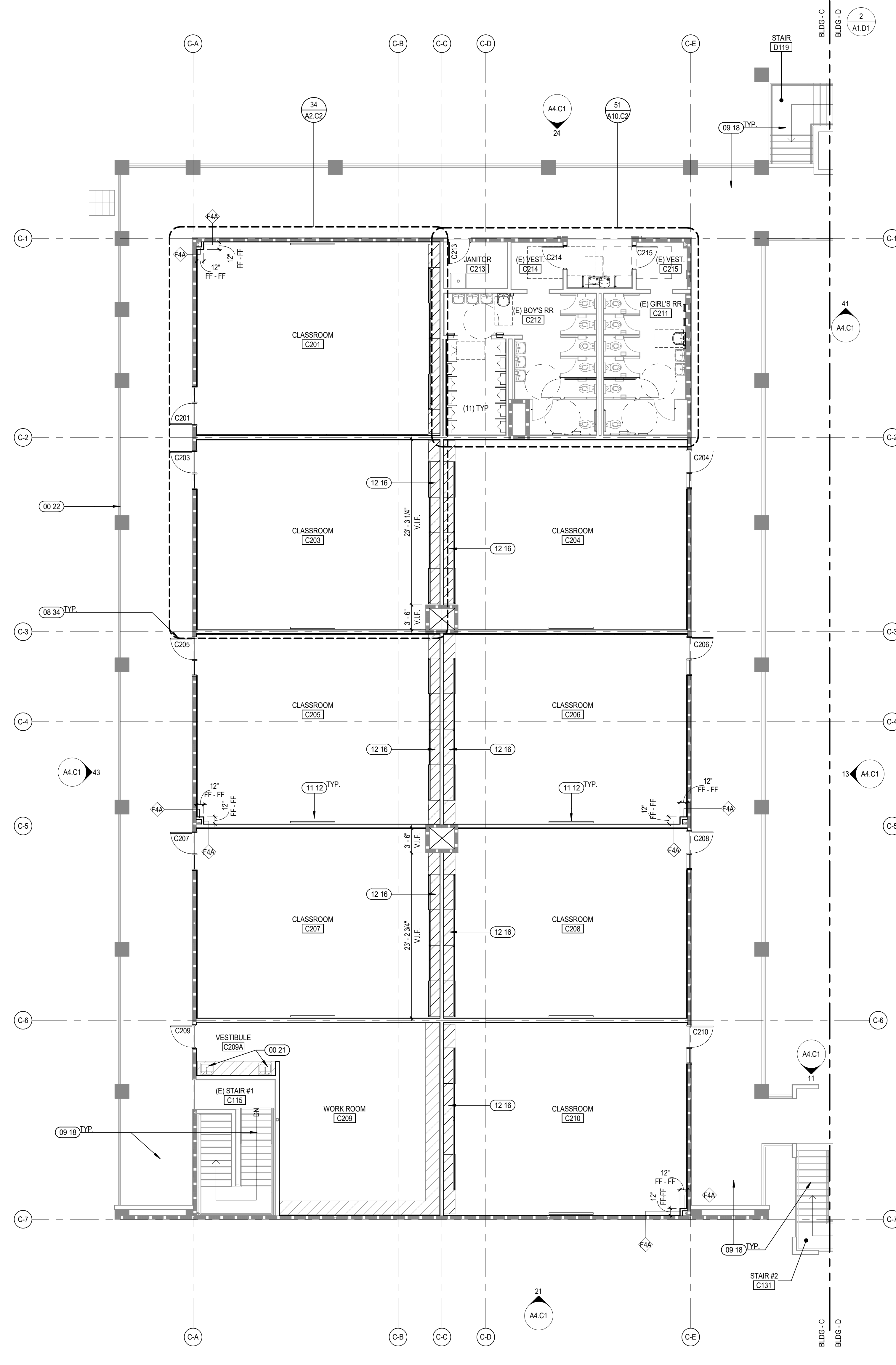
1 DEMO - BLDG C - LEVEL 01
SCALE: 1/8" = 1'-0"

2 DEMO - BLDG C - LEVEL 02
SCALE: 1/8" = 1'-0"





1 BLDG C - LEVEL 01
SCALE: 1/8" = 1'-0"



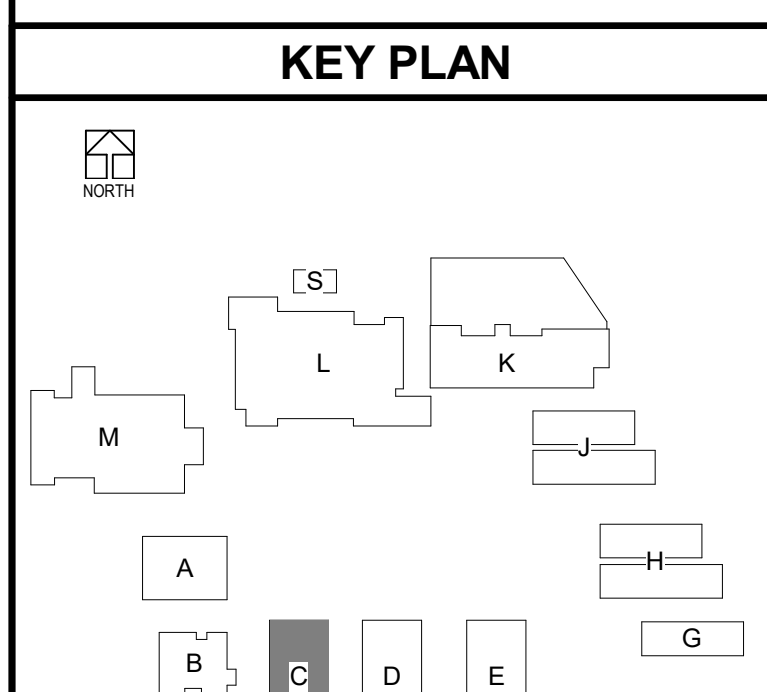
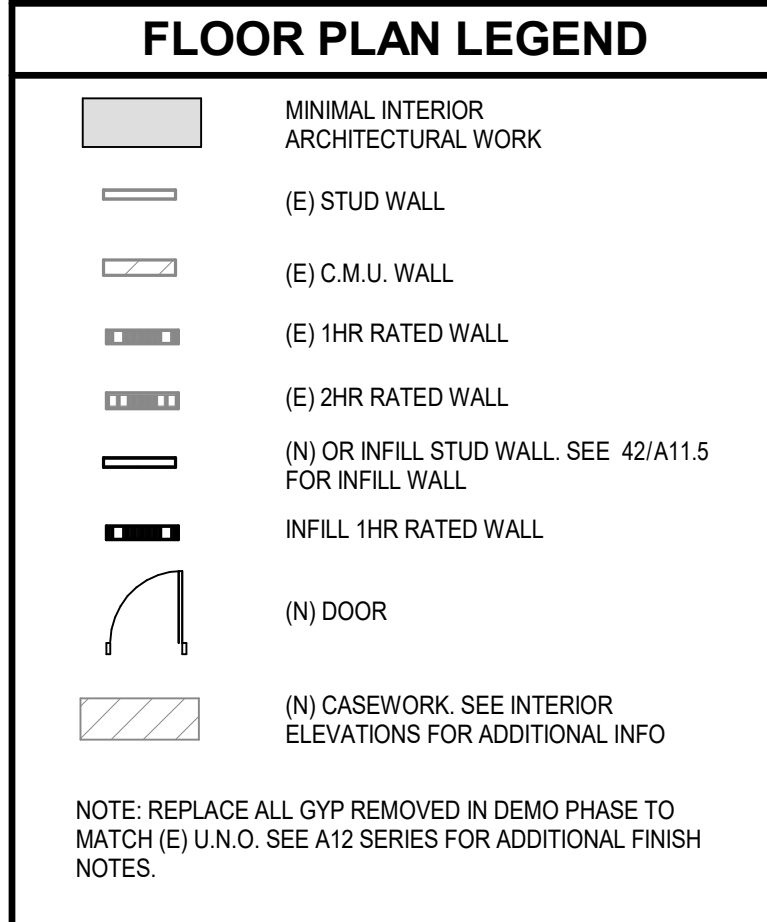
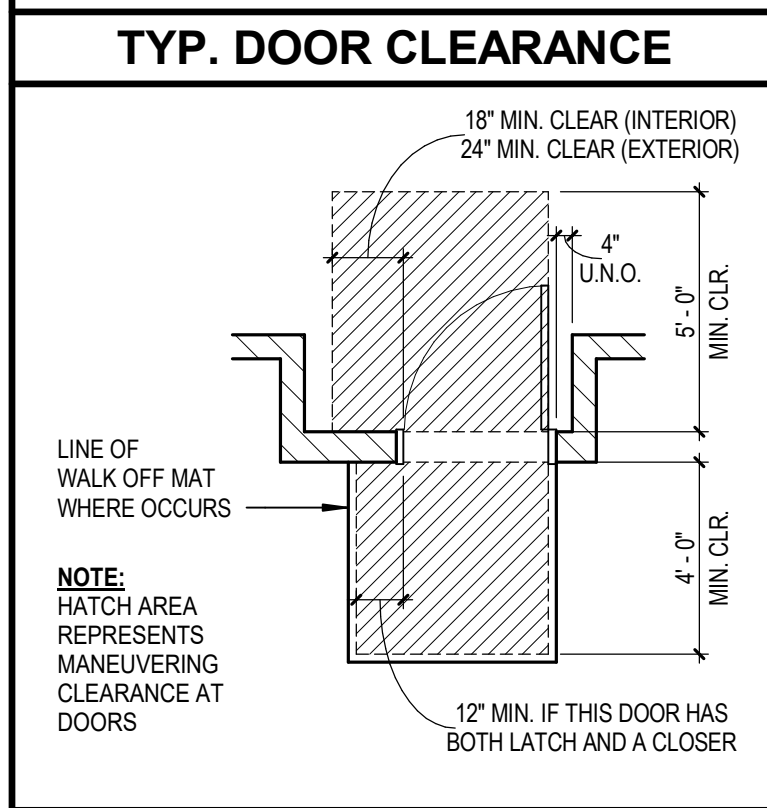
2 BLDG C - LEVEL 02
SCALE: 1/8" = 1'-0"

KEYNOTES

00 01 LINE OF ROOF OVERHANG ABOVE SHOWN DASHED
 00 10 (E) COLUMN TO REMAIN - PAINTED
 00 20 (E) CASEWORK TO REMAIN - PROTECT IN PLACE
 00 21 (E) SINK TO REMAIN
 00 22 (E) GUARDRAIL TO REMAIN. SEE EXTERIOR ELEVATION FOR FINISH INFO
 08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS AS 2 & AS 3
 09 18 SLIP-RESISTANT COATING AT EXTERIOR ELEVATED WALKWAYS, STAIRS AND LANDINGS. SEE TRAFFIC COATING SPEC SECTION.
 11 12 85" TV MONITOR. D.C.I. - REFER TO S11A11.5 TYP. CONTRACTOR TO INSTALL TV MOUNT AND BACKING. TYP.
 12 16 LEARNING WALL CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO.
 22 21 URINAL. SEE P DWGS AND MOUNTING HT INFORMATION. SHEET CP2.1
 22 65 ACCESSIBLE URINAL. SEE P DWGS AND MOUNTING HT INFORMATION. SHEET CP2.1

GENERAL NOTES

A. GENERAL NOTES APPLY TO ALL SHEETS.
 B. DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
 C. INCLUDE ALL OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULES AND SHALL COORDINATE WITH THE OWNER TO ACCOMMODATE THESE ITEMS.
 D. COORDINATE ALL MECHANICAL CHASE SIZES WITH THE MECHANICAL CONTRACTOR.
 E. ARCHITECTURAL FINISH FLOOR ELEVATION 0'-0".
 F. SEE FLOOR & CODE PLANS FOR LOCATION OF WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION. ALL WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
 G. ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH PENETRATION FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTANCE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 0704.3.
 H. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS SHOWN ON PLANS.
 I. FIRE-RESISTANCE-RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL.
 J. CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY. SEE DRAWING FOR QUANTITIES AND LOCATION OF WORK. SEE SPECIFICATIONS FOR QUALITIES AND CONDITIONS OF WORK.
 K. WORK: ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED BUT NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED AND INDICATED IN THE CONTRACTOR'S BID.
 L. GENERAL SHEET NOTES ONLY APPLY TO PARTICULAR DRAWING OR SERIES OF DRAWINGS.
 M. NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT.
 N. DO NOT SCALE DRAWINGS. DIMENSIONS NOTED PREVAIL. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.
 O. HORIZONTAL AND VERTICAL DIMENSIONS ARE MINIMUM DIMENSIONS. CLEARANCES ARE GIVEN TO FINISH SURFACES. GC TO VERIFY ALL CLEARANCES. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.



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FLOOR PLAN - BLDG C
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91723

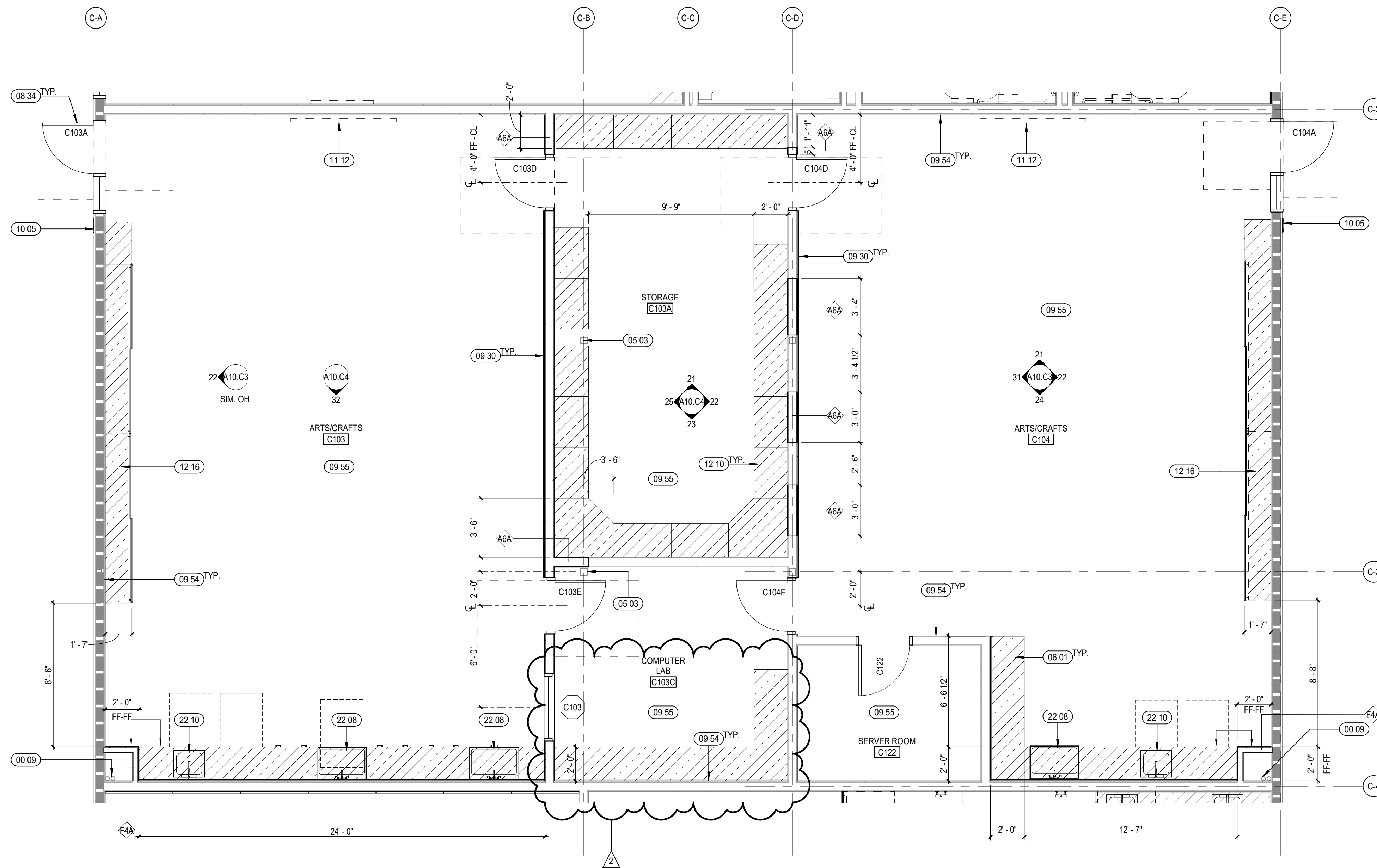
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 Revision
 Date: 11/18/2022 Description: ADDENDUM 2

PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

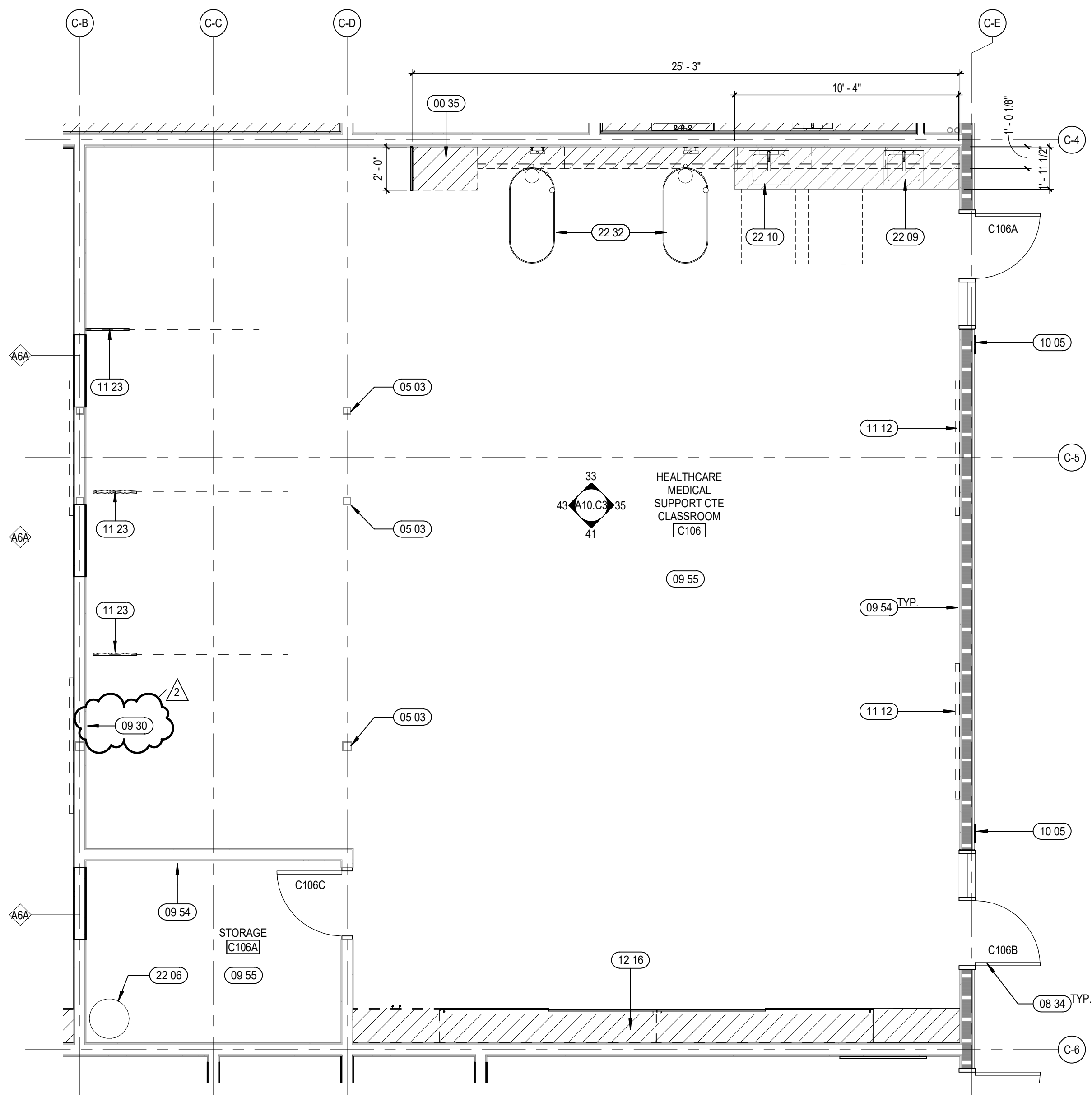


A1.C1

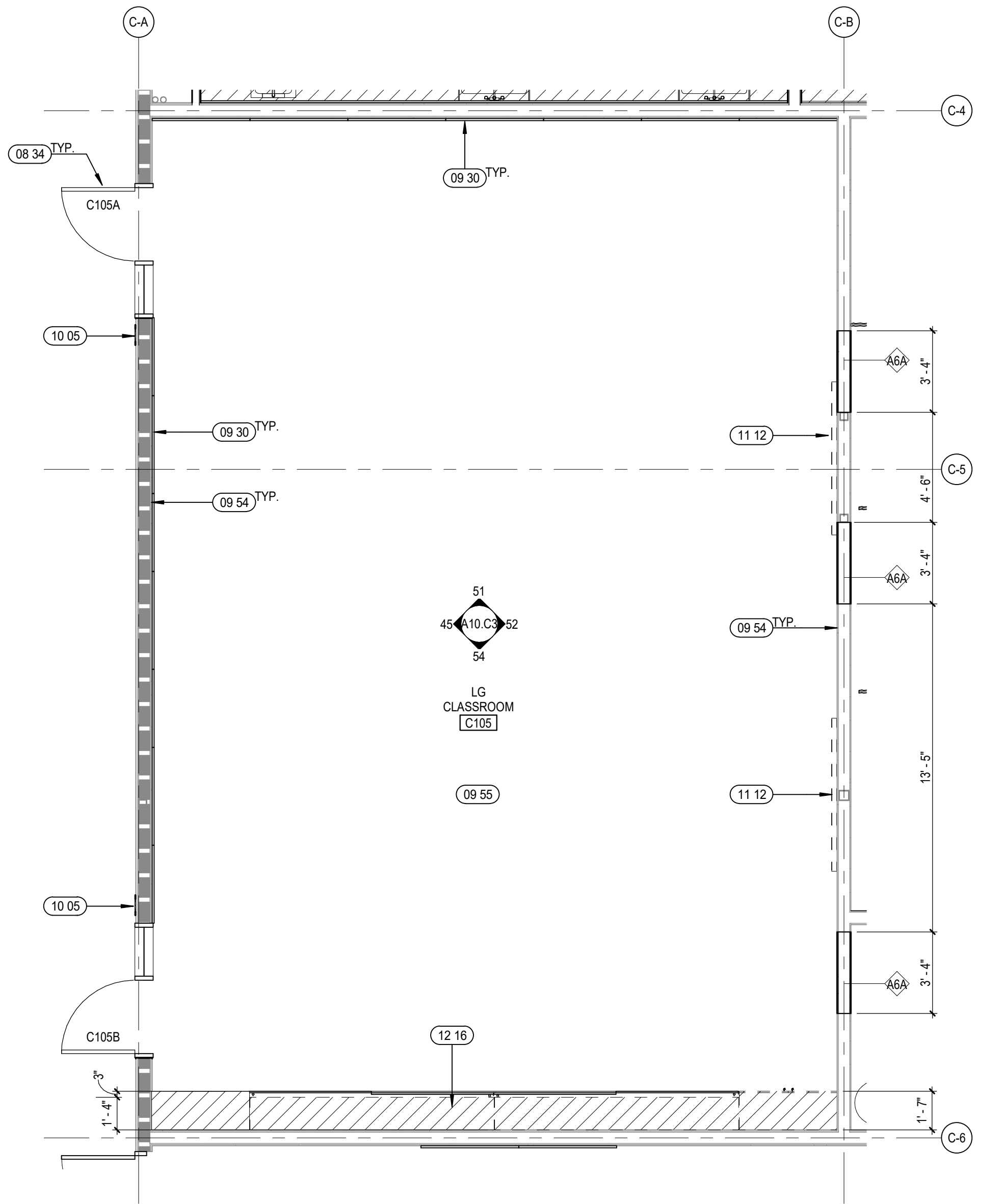
BLDG C - LEVEL 01
 BLDG C - LEVEL 02
 ADDENDUM 11/18/2022 UNIT 2
 BLDG C - LEVEL 01
 SCALE: 1/8" = 1'-0"
 BLDG C - LEVEL 02
 SCALE: 1/8" = 1'-0"
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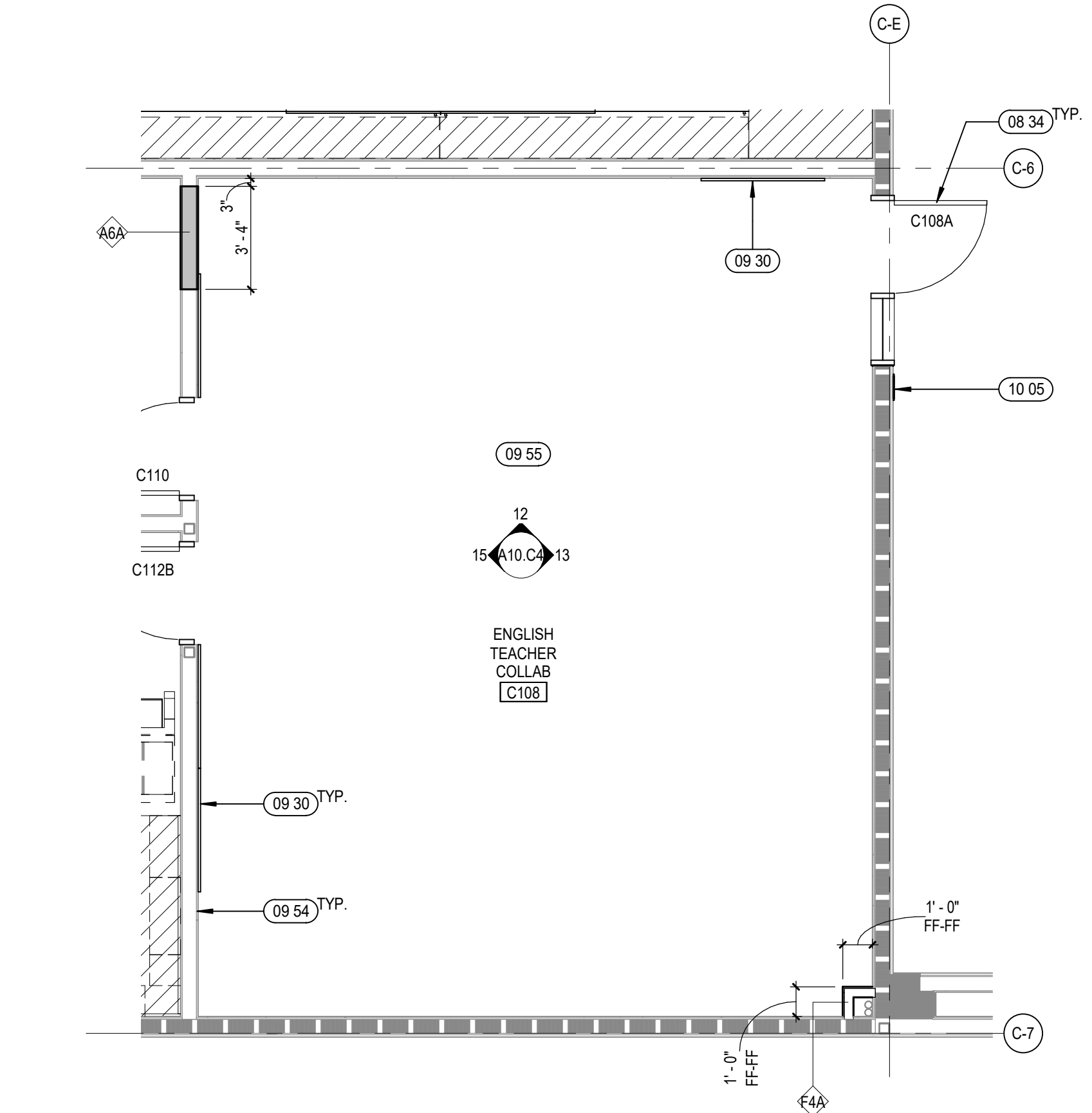
21 BLDG C - ENLARGED PLAN - ROOM C104
A2.C1 SCALE: 1/4" = 1'-0"



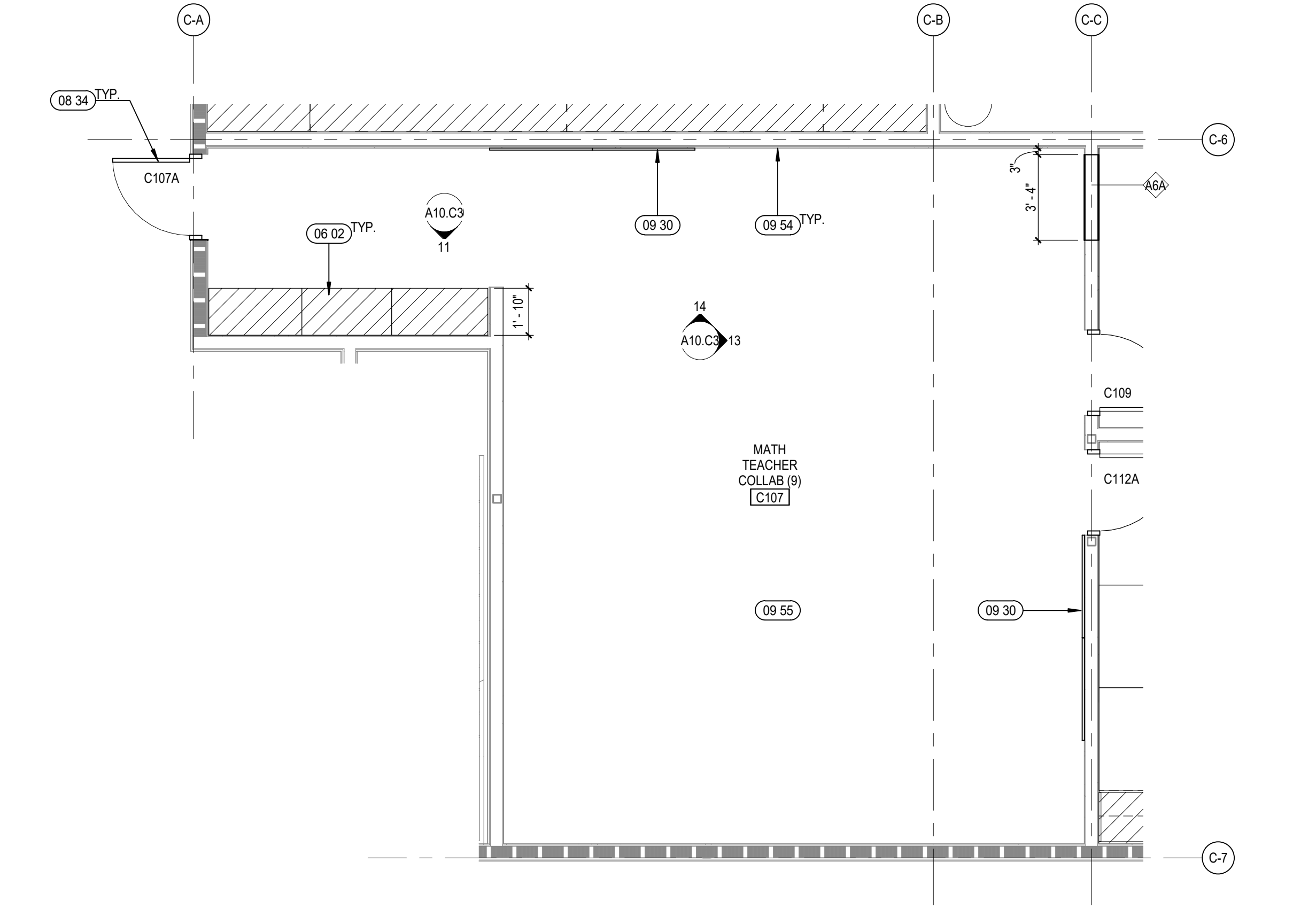
25 BLDG C - ENLARGED PLAN - ROOM C106
A2.C1 SCALE: 1/4" = 1'-0"



51 BLDG C - ENLARGED PLAN - ROOM C105
A2.C1 SCALE: 1/4" = 1'-0"



43 BLDG C - ENLARGED PLAN - ROOM C108
A2.C1 SCALE: 1/4" = 1'-0"



45 BLDG C - ENLARGED PLAN - ROOM C107
A2.C1 SCALE: 1/4" = 1'-0"

KEYNOTES

- 00 09 (E) R/WL TO REMAIN
- 00 35 GC TO COORDINATE TO HAVE UPPER AND SIDE PANEL MATCH TO REFRIGERATORS DEPTH
- 05 03 (E) STR STEEL COLUMN TO REMAIN - PAINTED. SEE STRUCTURAL DWGS
- 06 01 PLASTIC LAMINATE CASEWORK
- 06 02 PLASTIC LAMINATE CASEWORK - TALL CABINETS
- 08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
- 09 30 ACOUSTICAL WALL PANEL. THICKNESS AS NOTED. SEE INTERIOR FINISH LEGEND FOR COLORS
- 09 54 NEW GYP. BD. FINISH ON EXISTING WALLS. TYP.
- 09 55 NEW INTERIOR FINISHES IN AREA OF SCOPE. REFER TO FINISH PLANS FOR DETAILS
- 10 05 DIMENSIONAL CHARACTER SIGNAGE. SEE 44/CP1.10
- 11 12 85" TV MONITOR, GFCI - REFER TO S1/A11.5 TYP. CONTRACTOR TO INSTALL TV MOUNT AND BACKING. TYP.
- 11 23 NURSE CURTAIN, CEILING MOUNTED TRACK. SEE DETAIL 23/A11.5
- 12 10 TALL STORAGE CABINETS
- 12 16 LEARNING WALL CASEWORK, SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO.
- 22 08 WATER HEATER. SEE PLUMBING DETAIL 8/P0.03
- 22 09 ART SINK. SEE P DWGS
- 22 10 SINK - SEE P DWGS
- 22 10 ACCESSIBLE SINK. SEE P DWGS
- 22 32 WHIRLPOOL TUB. SEE SPECIFICATION 11 90 00 FOR ADDITIONAL INFO.

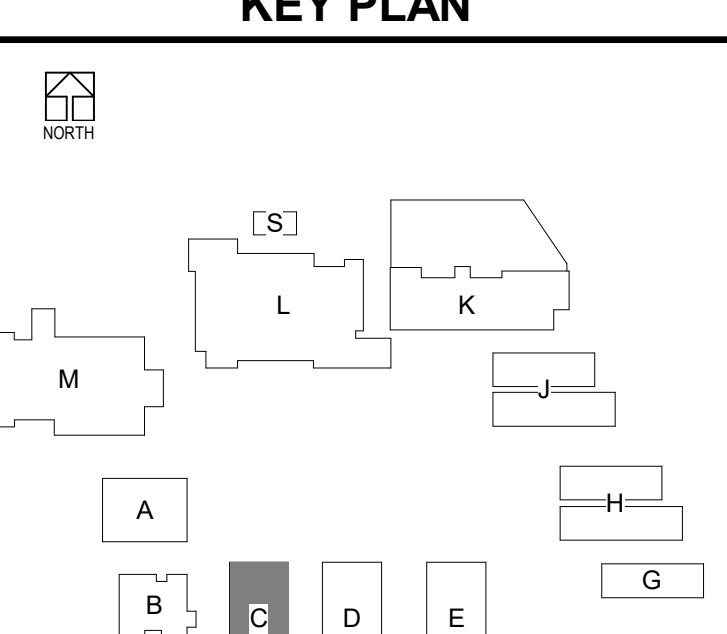
INTERIOR ELEVATION LEGEND

- XXXXX CASEWORK ELEVATION
- XX XXXX XX INTERIOR ELEVATION
- ALIGNMENT SYMBOL
- XXX XX KEYNOTE TAG
- XXX FINISH KEY TAG
- XX XXXX DETAIL SECTION
- XX SPECIALTY EQUIPMENT TAG
- XXXX STOREFRONT TAG
- XXXX WINDOW TAG
- X WALL TAG. SEE SHEET A8.1

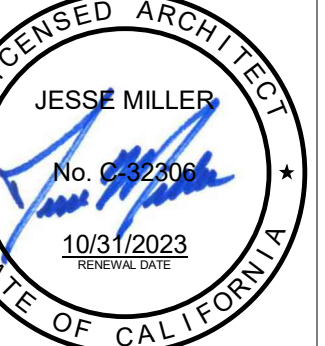
FLOOR PLAN LEGEND

- MINIMAL INTERIOR ARCHITECTURAL WORK
- (E) STUD WALL
- (E) C.M.U. WALL
- (E) 1HR RATED WALL
- (E) 2HR RATED WALL
- (N) OR INFILL STUD WALL. SEE 42/A11.5 FOR INFILL WALL
- INFILL 1HR RATED WALL
- (M) DOOR
- (N) CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO

NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.

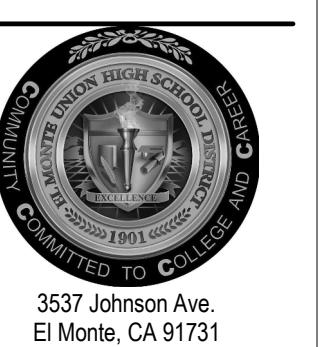


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ENLARGED FLOOR PLANS - BLDG C
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

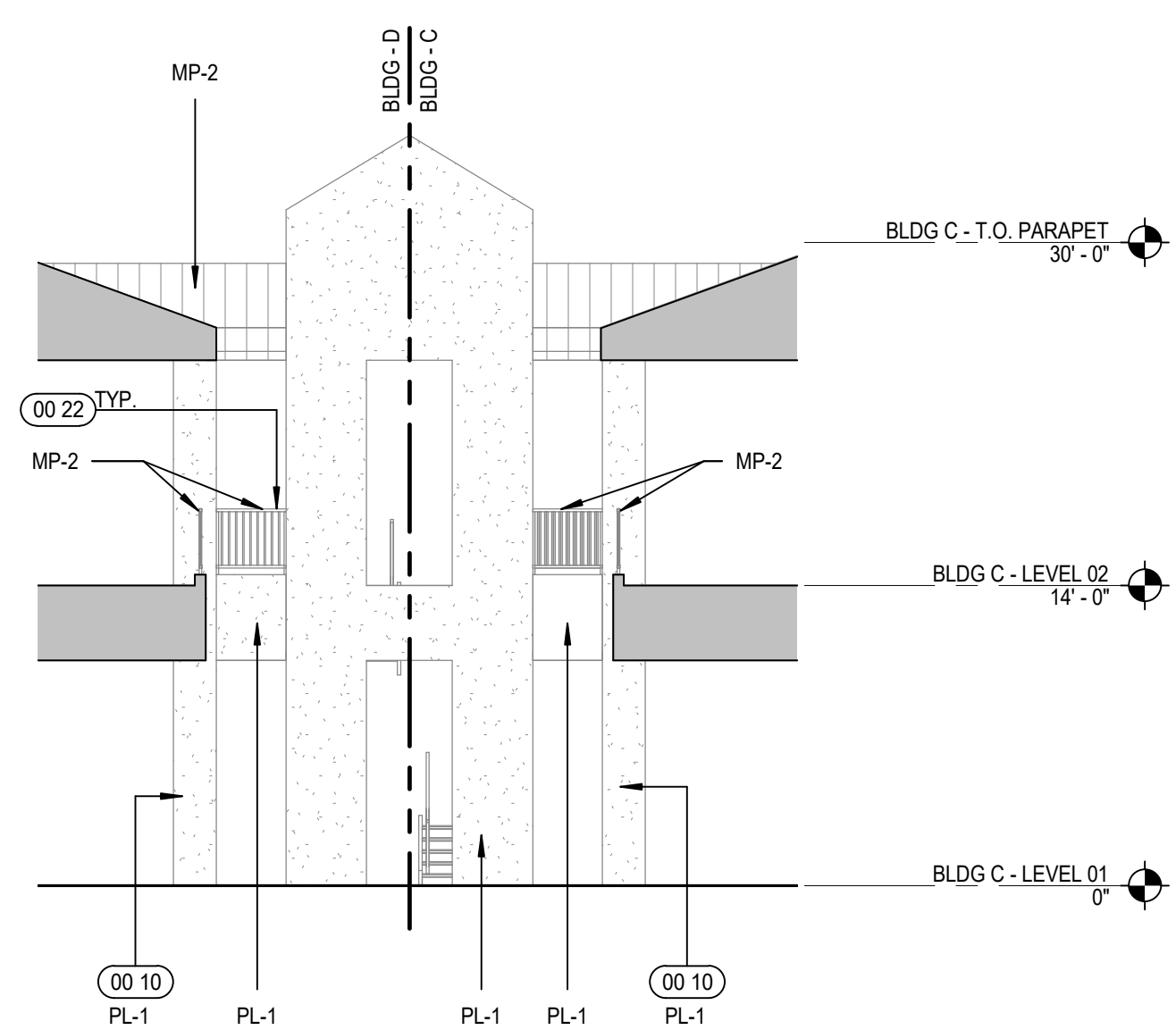
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03/01/2022
Revisions:
Date Description
11/18/2022 ADDENDUM 2



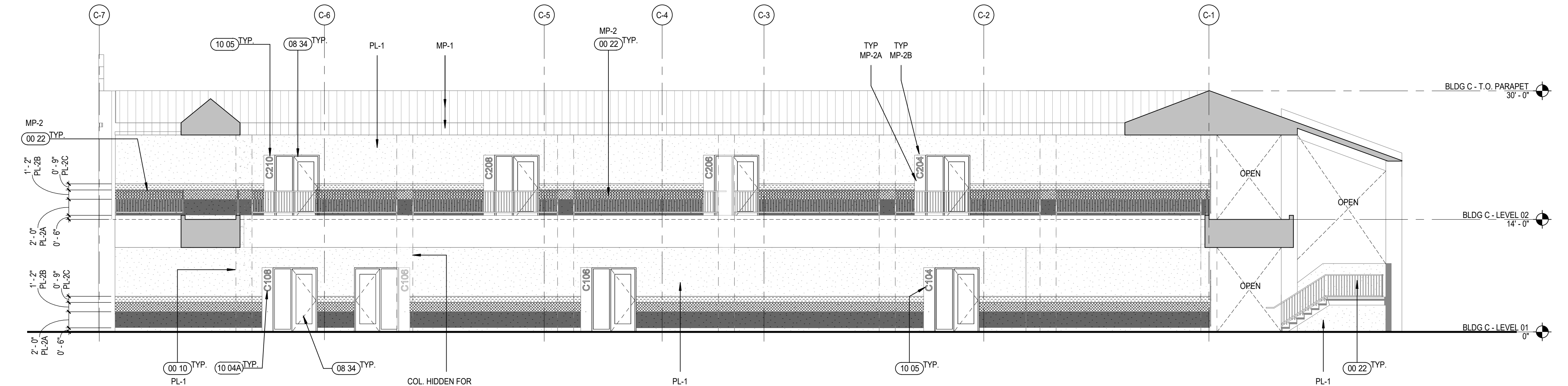
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DSA APPL #03-122081
DSA FILE #19-H10

A2.C1

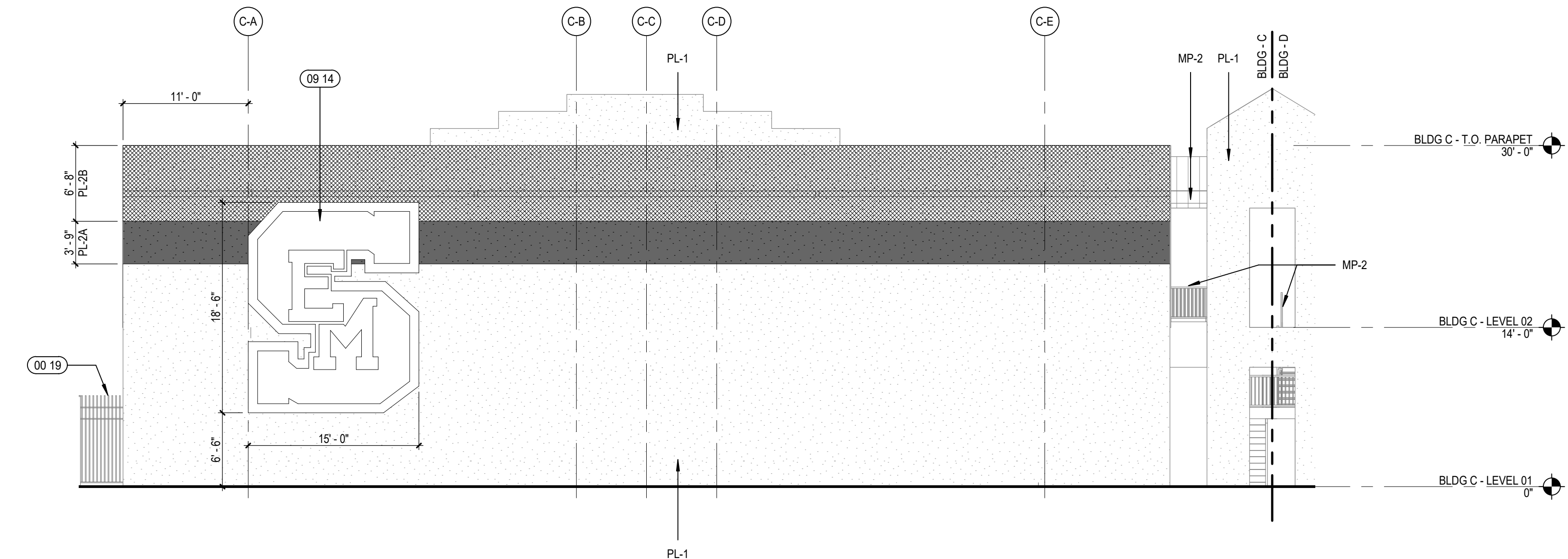
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 UNIT 2



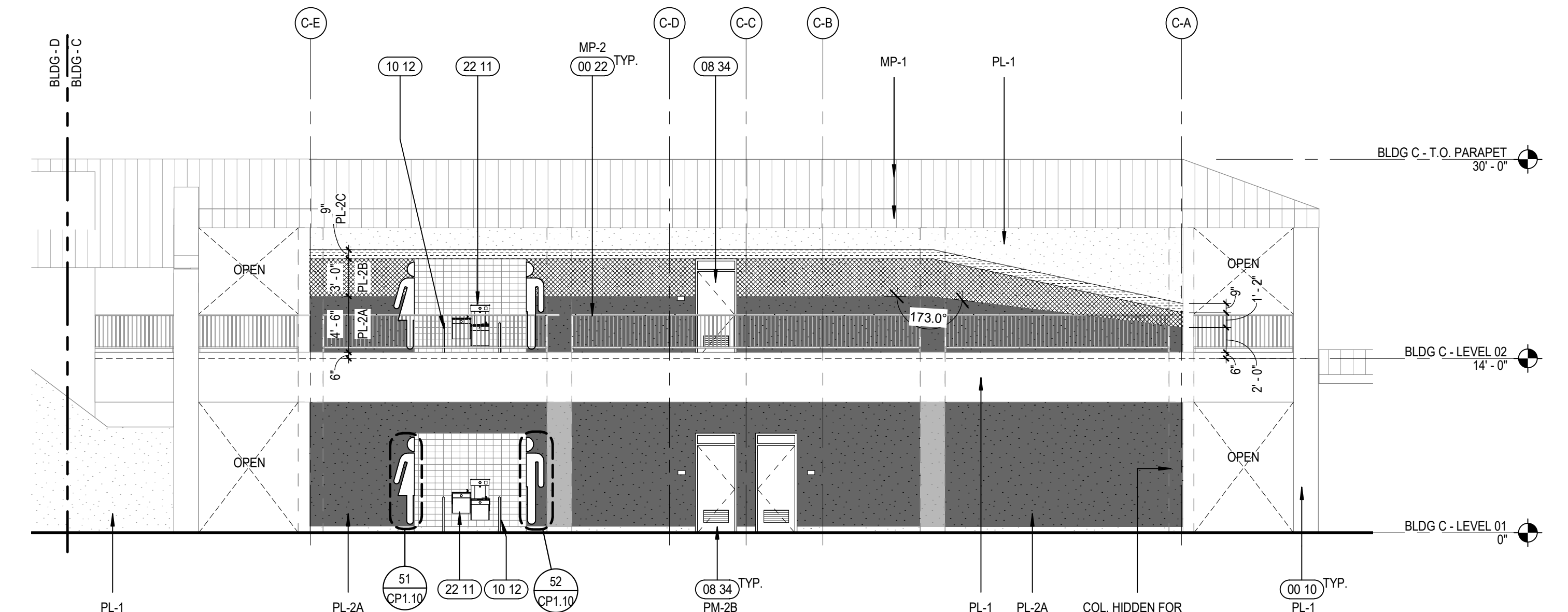
11 STAIR C131A - NORTH ELEVATION
A4.C1 SCALE: 1/8" = 1'-0"



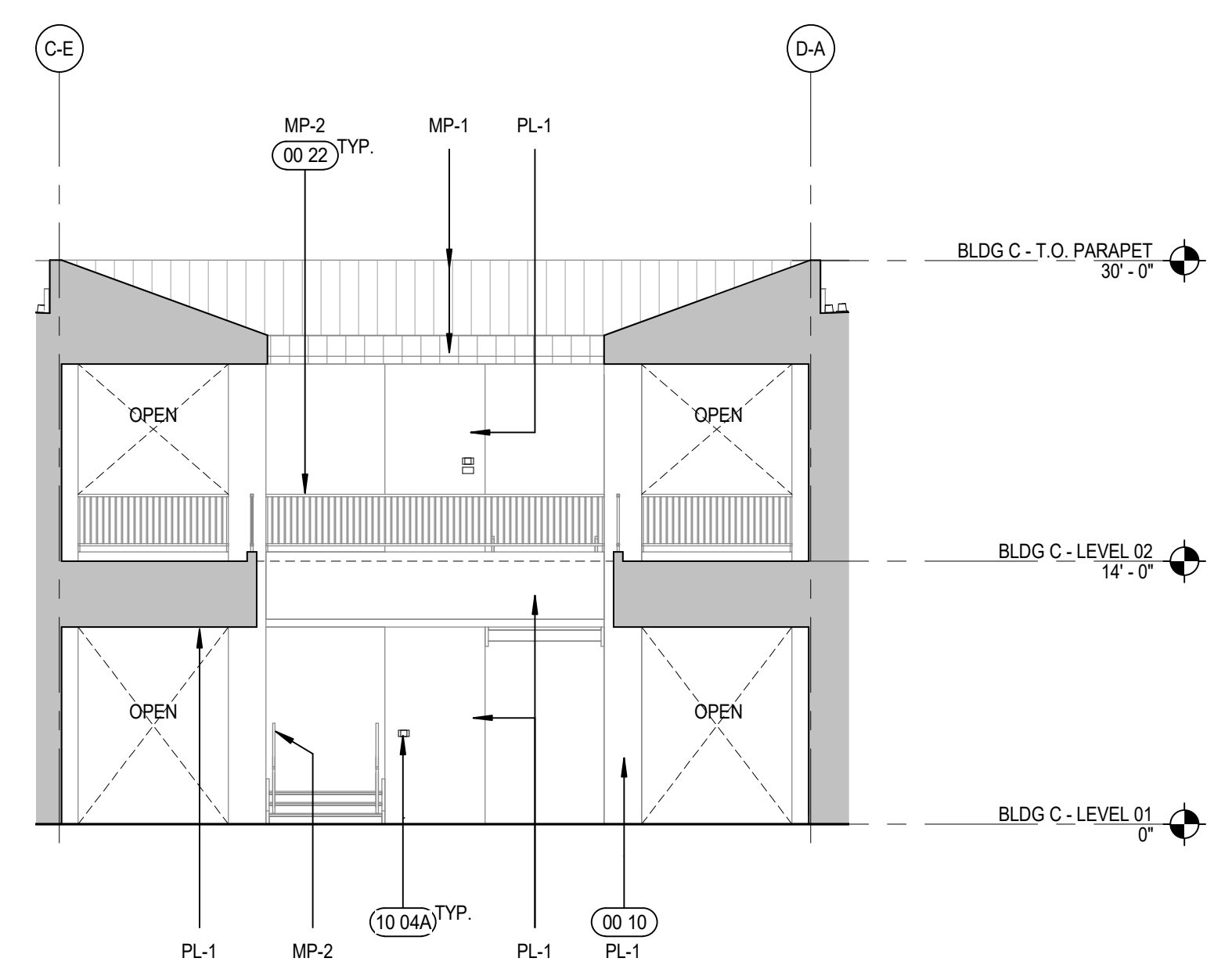
13 BLDG C - EAST ELEVATION
A4.C1 SCALE: 1/8" = 1'-0"



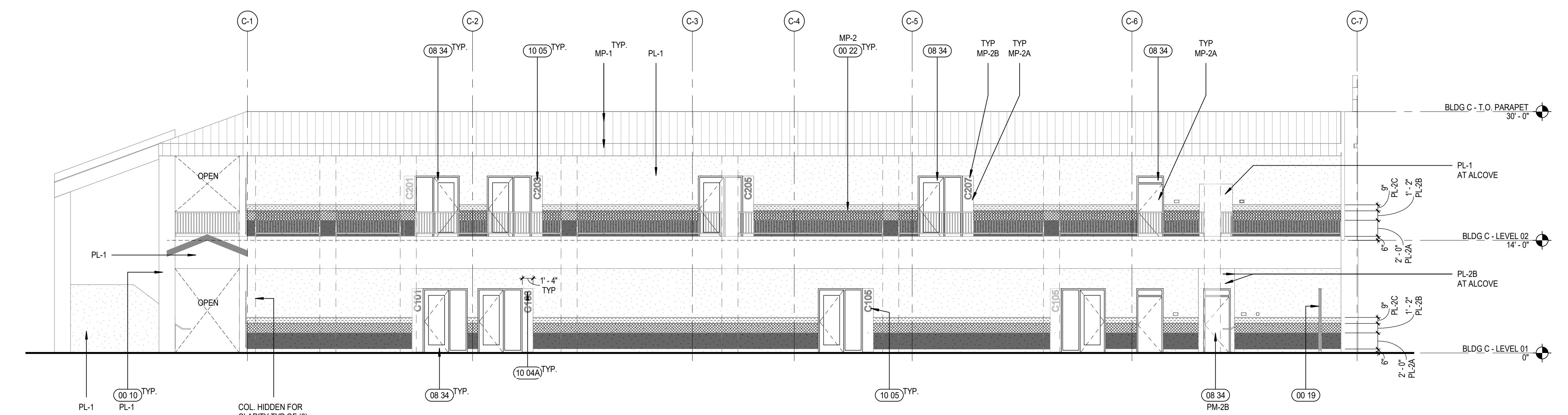
21 BLDG C - SOUTH ELEVATION
A4.C1 SCALE: 1/8" = 1'-0"



24 BLDG C - NORTH ELEVATION
A4.C1 SCALE: 1/8" = 1'-0"

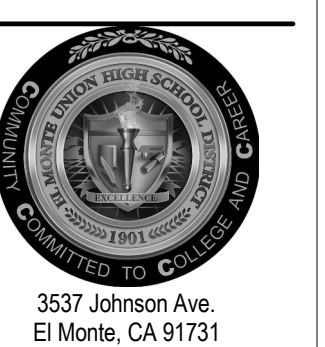
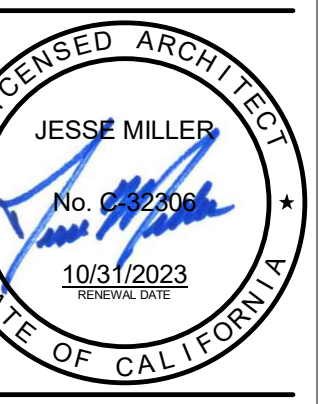


41 STAIR C131B - SOUTH ELEVATION
A4.C1 SCALE: 1/8" = 1'-0"



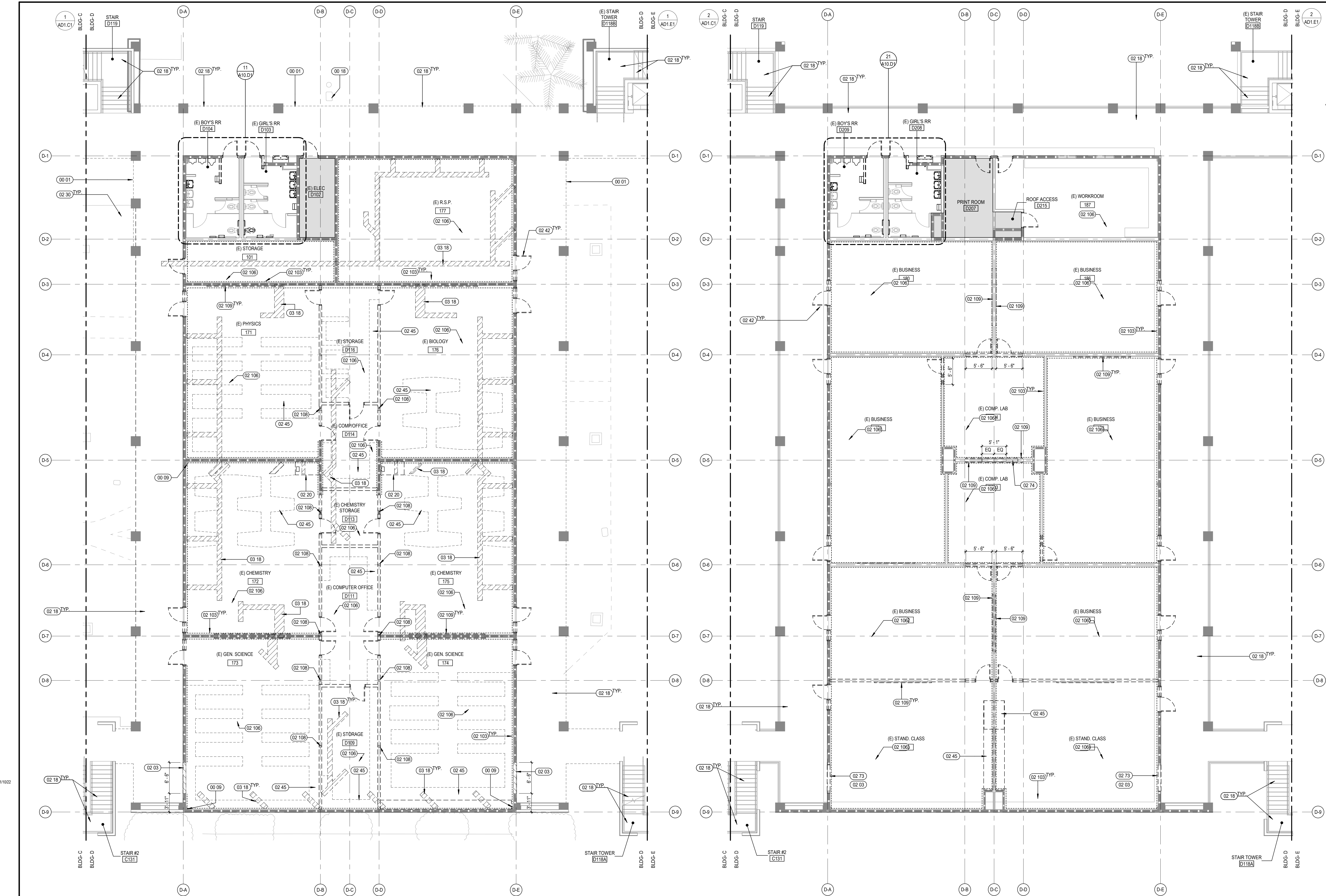
43 BLDG C - WEST ELEVATION
A4.C1 SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION FINISH LEGEND		KEYNOTES	KEY PLAN
<p>MP-1 METAL ROOF COLOR, GREY - SEE SPEC SECTION 07 01 91.6.5</p> <p>MP-2X EXPOSED STEEL, PAINTED X= COLOR, SEE COLOR LEGEND</p> <p>MP - #A COLOR LEGEND: A. DARK BLUE, Dunn Edwards, Black River Falls DEA189 B. YELLOW, Dunn Edwards, Tuscan Sun DE5341</p>	<p>PL-1 EXTERIOR PLASTER, BASE COLOR, TYP. U.N.O. COLOR = (LIGHT GRAY) - MFR: ABCD MFR: Dunn Edwards, Stegitz Silver DETE12</p> <p>PL-2X EXTERIOR PLASTER - ACCENT COLORS X= COLOR, SEE PLASTER COLOR LEGEND</p> <p>PL - #A PLASTER COLOR LEGEND: A. NAVY BLUE MFR: Dunn Edwards, Black River Falls DEA189 B. YELLOW MFR: Dunn Edwards, Tuscan Sun DE5341 C. WHITE MFR: Dunn Edwards, Coconut Grove DEHW03</p>	<p>00 10 (E) COLUMN TO REMAIN - PAINTED</p> <p>00 19 (E) SITE FENCE / GATE TO REMAIN</p> <p>00 22 (E) GUARDRAIL TO REMAIN, SEE EXTERIOR ELEVATION FOR FINISH INFO</p> <p>08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A8.2 & A8.3</p> <p>09 14 WALL GRAPHIC. REFER TO SPEC 09 72 17</p> <p>10 04A SIGNAGE. SEE SIGNAGE PLANS FOR DETAIL</p> <p>10 05 DIMENSIONAL CHARACTER SIGNAGE. SEE 44CP1.1</p> <p>10 12 CANE DETECTION RAILING. SEE DET 3/HP2.1</p> <p>22 11 (N) H-L-O DRINKING FOUNTAIN W/ BOTTLE FILLER, SEE DETAILS 14CP2.1 & 41A11.5</p>	<p>KEY PLAN</p>



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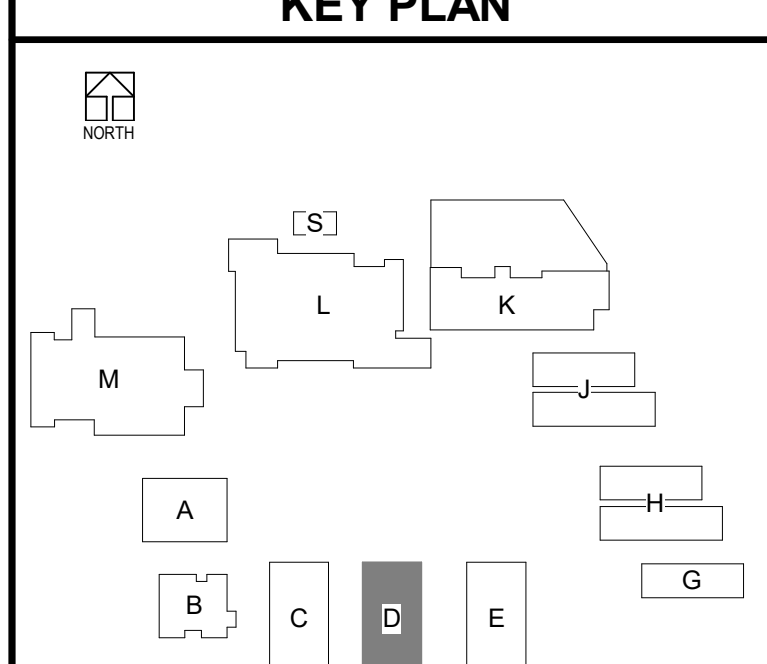
ADDEND 11/18/22
UNIT 2



- ### KEYNOTES
- 00 01 LINE OF ROOF OVERHANG ABOVE SHOWN DASHED
 - 00 09 (E) RWL TO REMAIN
 - 01 18 (E) SITE UTILITIES TO REMAIN U.N.O. SEE CIVIL DWGS
 - 02 03 DEMO PORTION OF WALL TO STUDS IN PREPARATION FOR SHEAR UPDATES AT NEW OPENING. SEE STRUCTURAL DRAWINGS
 - 02 18 REMOVE (E) FINISH / PREP EXTERIOR ELEVATED WALKWAYS, STAIRS, AND LANDINGS FOR NEW TRAFFIC COATING FINISH
 - 02 20 DEMO (E) FUME HOOD. SEE M AND E DWGS.
 - 02 30 (E) VEGETATION: DEMO AND PREP FOR NEW WORK PER LANDSCAPE DRAWINGS
 - 02 42 DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)
 - 02 45 DEMO (E) CASEWORK
 - 02 73 DEMO PORTION OF (E) WALL, PREPARE FOR (N) DOOR/WINDOW
 - 02 74 DEMO (E) WALL IN ITS ENTIRETY
 - 02 103 REMOVE (E) WALL FINISHES DOWN TO STUDS INCLUDING ALL ATTACHED ITEMS (INCLUDE ALL WALLS WHERE NECESSARY TO HIDE OUTLETS)
 - 02 106 1. DEMO (E) FLOORING AND BASE, 2. DEMO (E) WALL FINISH
 - 02 108 PROTECT (E) STRUCTURAL MEMBERS
 - 02 109 REMOVE (E) MARKERBOARD / CHALKBOARD
 - 03 18 SAWCUT PORTION OF CONCRETE SLAB. PREP FOR (N) PLUMBING WORK. SEE PLUMBING DRAWINGS. PATCH CONCRETE WHEN PLUMBING WORK IS COMPLETE.

- ### DEMOLITION GENERAL NOTES
- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.
- THE CONTRACTOR SHALL:
- A. COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
 - B. COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
 - C. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFERS A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
 - D. MAINTAIN A SECURE WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
 - E. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
 - F. REMOVE IN THEIR ENTIRETY ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILING, SOFFITS, MARKERBOARDS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
 - G. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
 - H. PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - I. REPAIR OR REPLACE ITEMS THAT ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
 - J. EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT AND OWNER.
 - K. VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
 - L. PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS, AS REQUIRED TO MAINTAIN FIRE-RATED PARTITIONS AND SEPARATIONS OR PREVIOUS CONDITIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
 - M. CAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
 - N. SEE STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
 - O. AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
 - P. WHERE CMU WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCHFINISH BY REMOVING CMU IN TOOTH-IN PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH-IN NEW CMU PATCHES.
 - Q. WHERE PLASTER/STUD WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCHFINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 1'-0" BEYOND DEMOLITION.
 - R. DEMO 1/2" MIN OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE.

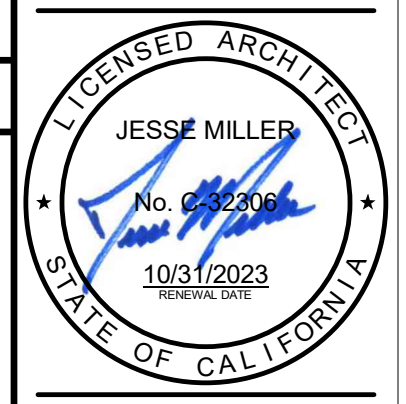
- ### DEMO FLOOR PLAN LEGEND
- MINIMAL INTERIOR ARCHITECTURAL WORK
 - DEMO (E) GYP TO STUDS, PREP FOR (N) SHEATHING
 - (E) STUD WALL TO REMAIN
 - (E) C.M.U. WALL TO REMAIN
 - (E) HR RATED WALL TO REMAIN
 - (E) DOOR TO REMAIN
 - (E) STUD WALL TO BE DEMOLISHED
 - (E) DOOR TO BE DEMOLISHED
 - (E) FENCE TO BE DEMOLISHED



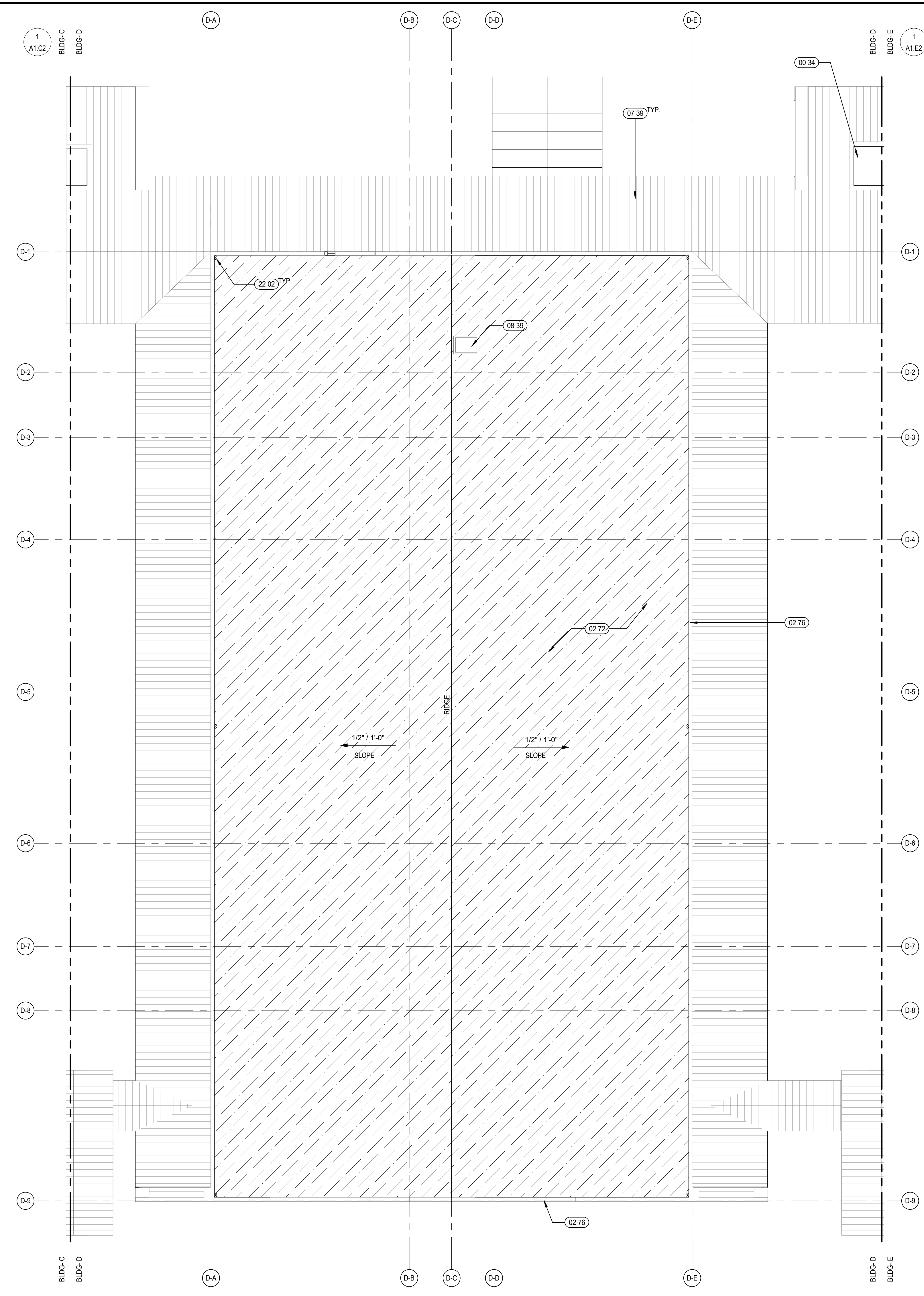
CHANGE ORDERS FOR ADDITIONAL DEMOLITION WORK WILL NOT BE ALLOWED FOR ANY ITEMS THAT ARE NOT SHOWN ON DOCUMENTS; HOWEVER, NEW WORK IS SHOWN TO OCCUR IN SAID SPACE OR AREA. CONTRACTOR MUST BID DOCUMENT IN THEIR TOTALITY AND NOT SPLIT DRAWINGS AMONG SUB-CONTRACTORS.

1 DEMO - BLDG D - LEVEL 01
SCALE: 1/8" = 1'-0"

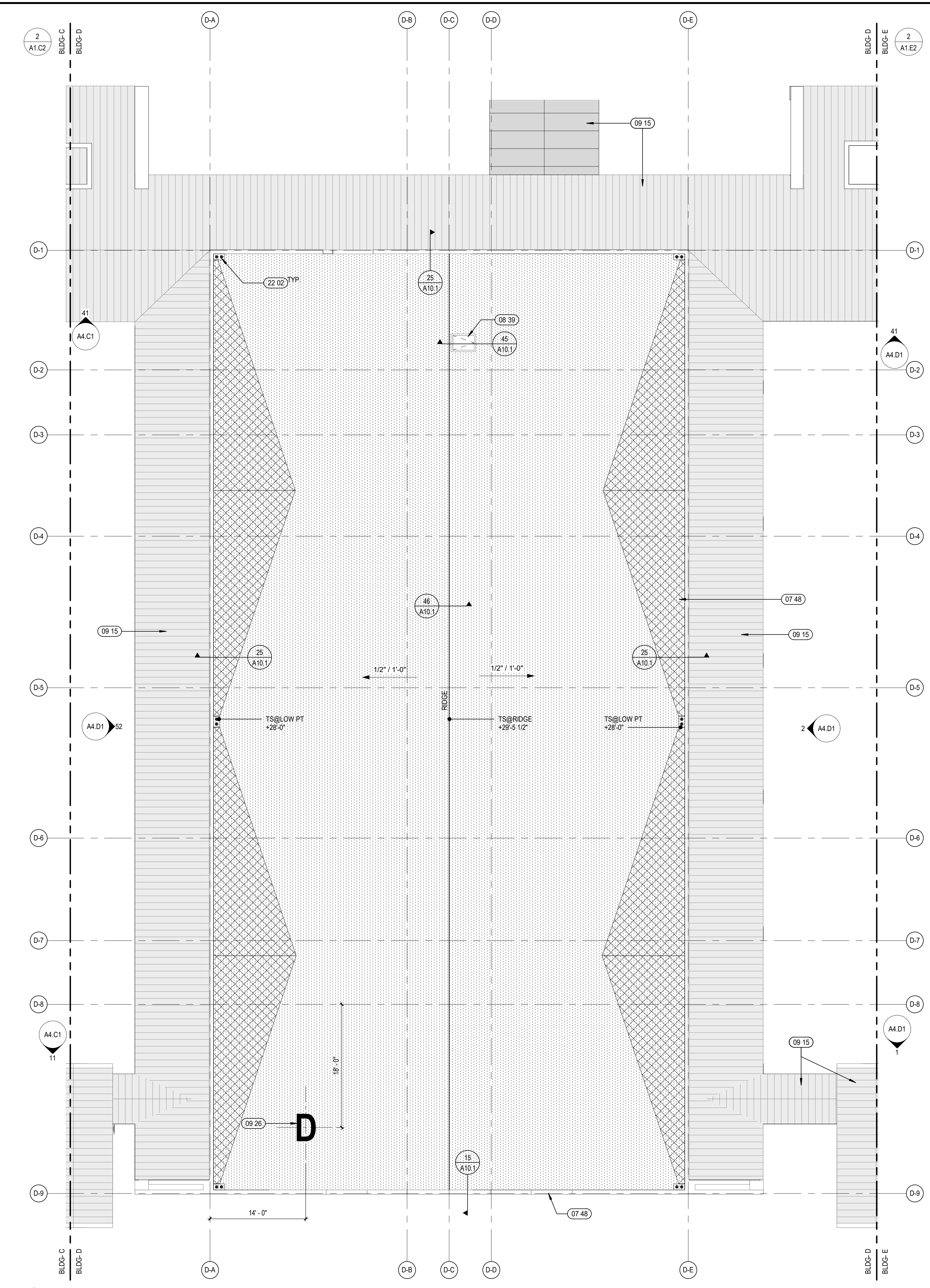
2 DEMO - BLDG D - LEVEL 02
SCALE: 1/8" = 1'-0"



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1 DEMO - BLDG D - ROOF
 A1.D2 / SCALE: 1/8" = 1'-0"



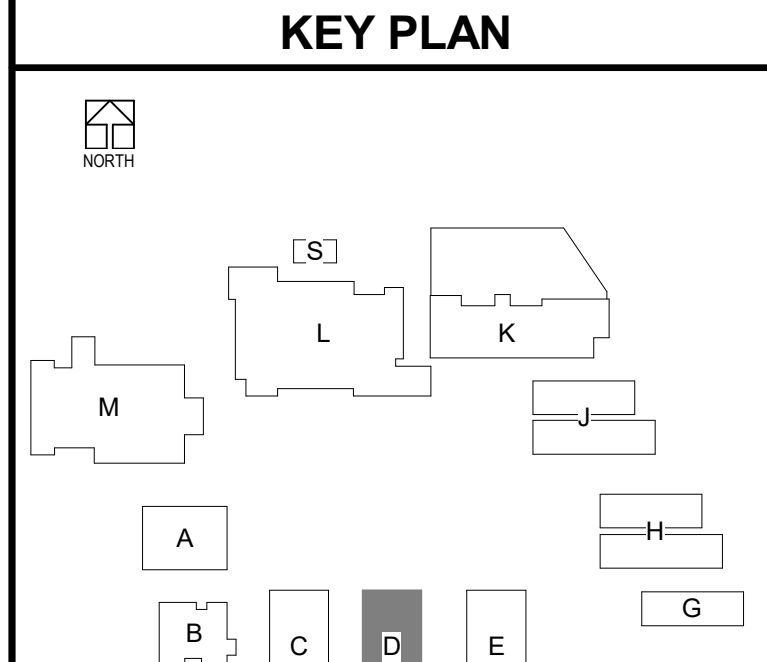
2 BLDG D - ROOF
 A1.D2 / SCALE: 1/8" = 1'-0"

- KEYNOTES**
- 00 34 (E) ELEVATOR TO REMAIN
 - 02 72 DEMO (E) ROOFING TO SUBSTRATE. PREPARE FOR (N) ROOFING
 - 02 76 DEMO (E) ROOF FLASHING, COPING AND RELATED ACCESSORIES IN PREPARATION FOR NEW ROOF U.N.O.
 - 07 39 (E) METAL ROOF TO REMAIN
 - 07 48 (N) COPING CAP TYP - REFER TO DETAIL 15/A10.1
 - 08 39 (E) ROOF HATCH TO REMAIN
 - 09 15 NEW PAINT AT (E) METAL ROOFS
 - 09 26 PAINT BUILDING LETTER IDENTIFICATION ON TPA MEMBRANE ROOFING. SIZE: 9" TALL FONT. BRUL MFR: TREMCO (REPUBLIC RESTORATION SYSTEMS) ALPHAGUARD FLUID APPLIED ROOF SYSTEM. COLOR: MEDIUM GRAY
 - 22 02 (E) ROOF & OVERFLOW ROOF DRAIN, SEE DETAIL 53/A10.1

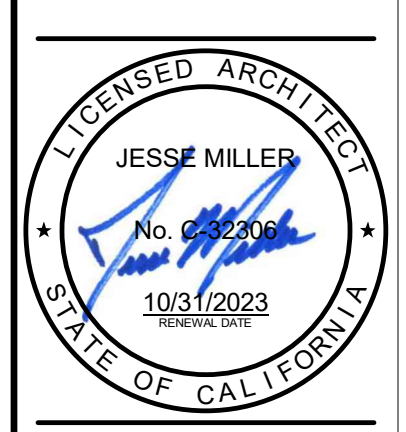
- ROOF PLAN GENERAL NOTES**
- A. ROOF PLAN GENERAL NOTES APPLY TO ALL ROOF PLAN SHEETS.
 - B. ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION.
 - C. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
 - D. ALL ROOF CURBS TO BE A MINIMUM OF 8 INCHES ABOVE ROOFING LEVELS. FIELD VERIFY HEIGHT OF EXISTING ROOF CURBS TO REMAIN AND IF THEY DO NOT MEET 8 INCH HEIGHT, BUILD-UP AND EXTEND CURBS TO REQUIRED HEIGHT.
 - E. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE DRAINAGE AROUND CURB.
 - F. SEE STRUCTURAL DRAWINGS FOR FRAMING AROUND ROOF PENETRATIONS.
 - G. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS DRAWING.
 - H. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON DRAWINGS.
 - I. NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0" EACH SIDE OF FIREWALL. SEE CODE PLAN FOR FIRE WALL LOCATIONS.
 - J. ALL SPOT ELEVATIONS OF EXISTING CONDITIONS ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED IN FIELD.
 - K. RF-2(C) INDICATES AREAS OF EXPECTED ZONOLITE CONCRETE FILL ABOVE STEEL DECK AS EXISTING ROOFING ASSEMBLY. ALL EXISTING ROOF DECKS TO BE FIELD VERIFIED BY CONTRACTOR.
 - L. CONTRACTOR TO REMOVE (E) BUILT-UP ROOFING AT BUILDINGS G, H AND J. (E) ROOF DRAINS ARE TO REMAIN U.N.O., (E) ROOF TOP MECHANICAL IS TO REMAIN U.N.O.

- DEMO ROOF PLAN LEGEND**
- (E) BUILT UP TO BE DEMOLISHED AND REMOVED
 - (E) ROOF ACCESS HATCH TO REMAIN U.N.O.
 - (E) ROOF DRAIN AND OVERFLOW TO REMAIN U.N.O.
 - (E) ROOF TOP MECHANICAL UNIT OR EXHAUST FAN TO BE DEMOLISHED. SEE MECHICAL SHEETS.

- ROOF PLAN LEGEND**
- (E) METAL ROOFING. PAINTED PER EXTERIOR ELEVATIONS
 - (A) OR (B) SINGLE PLY ROOFING, SEE DETAIL 26/A10.1
 - (N) TAPERED INSULATION. ATTACH PER DETAIL 31/A10.1
 - (E) ROOFTOP EXHAUST FAN & CURB. SEE 34/A10.1
 - ROOF WALKWAY PADS

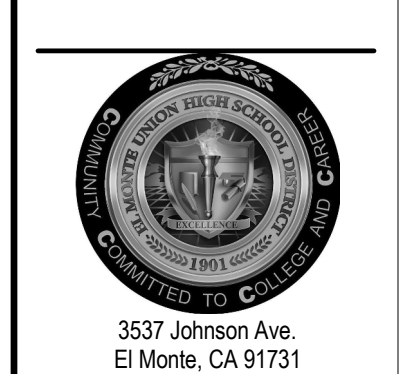


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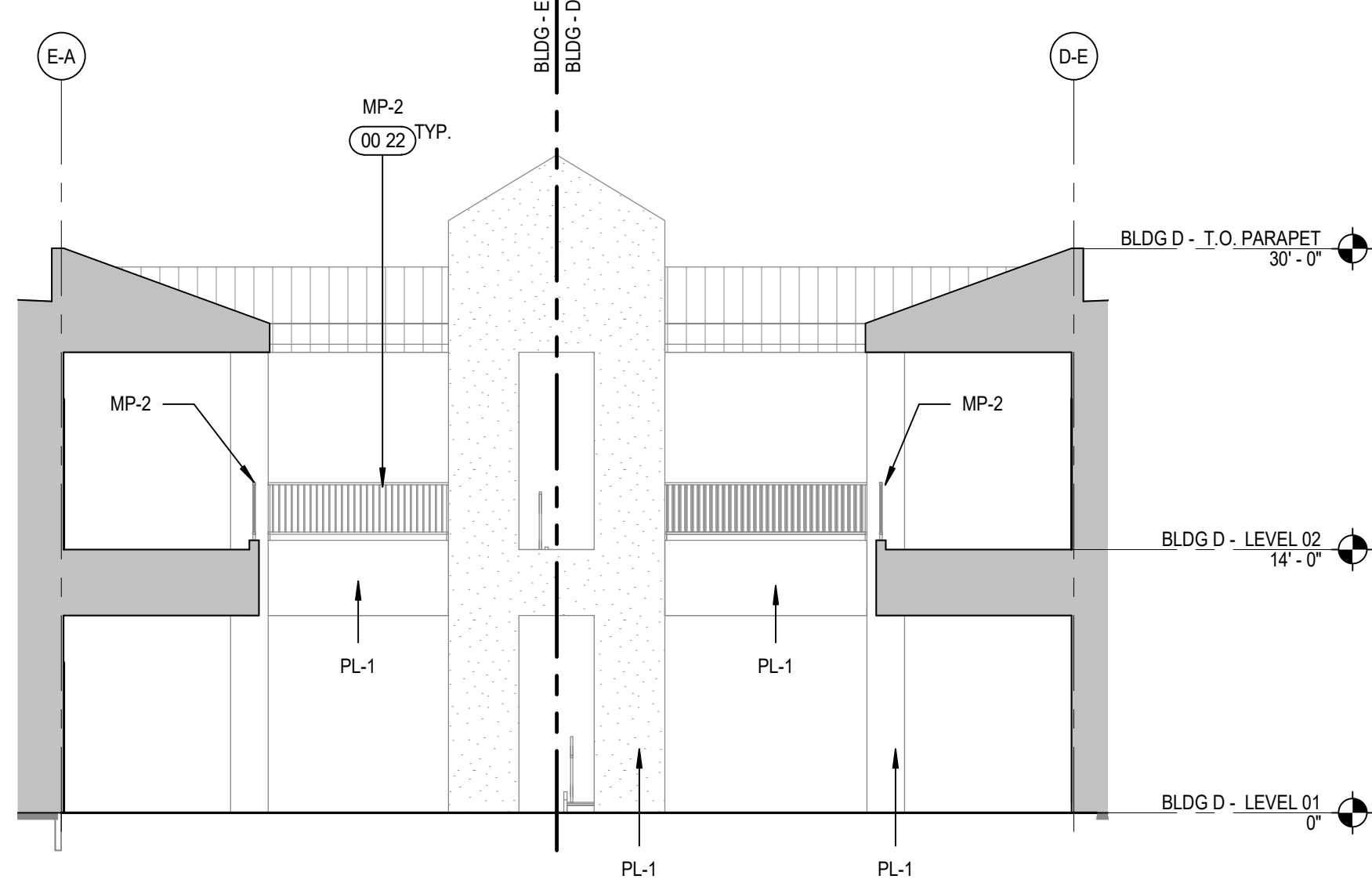
ROOF PLAN - DEMO AND NEW - BLDG D SCIENCE / BUSINESS
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2

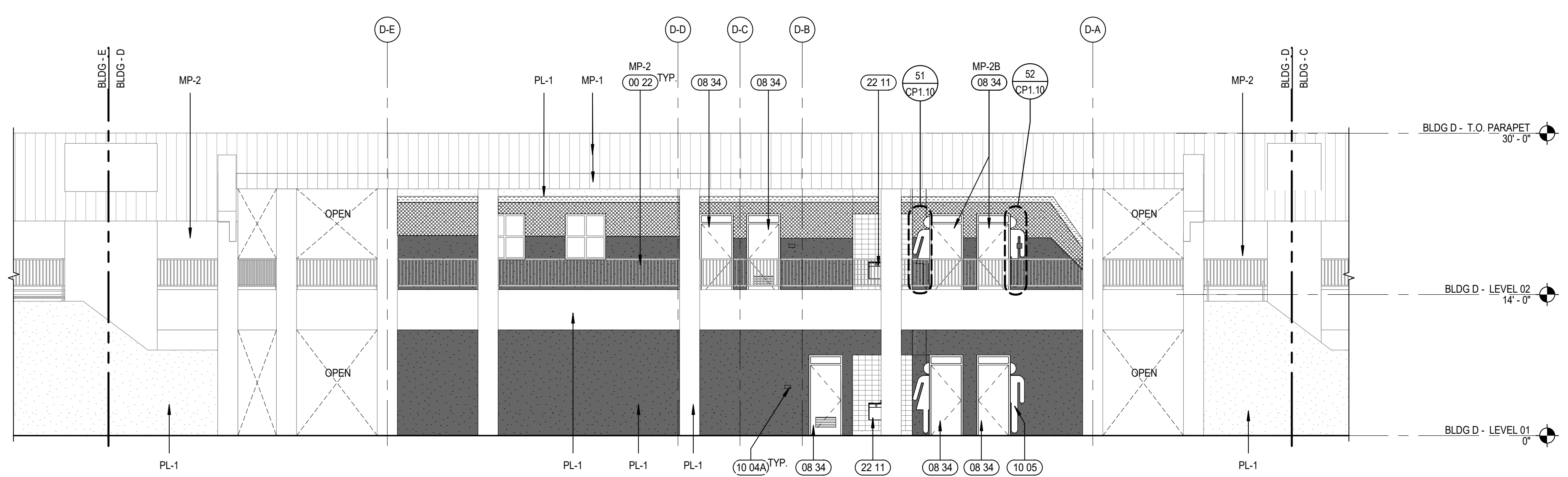


3537 Johnson Ave.
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

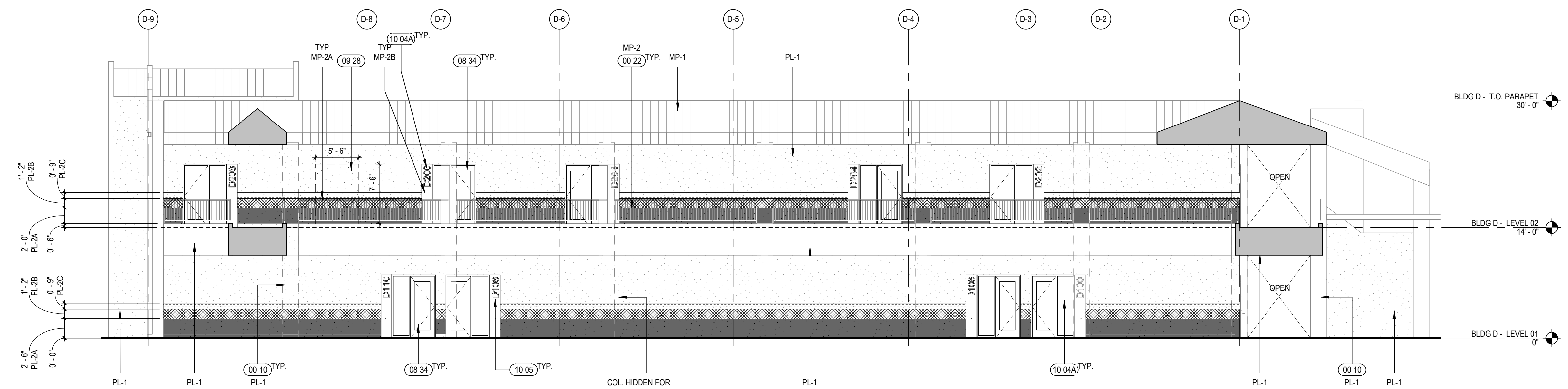
A1.D2



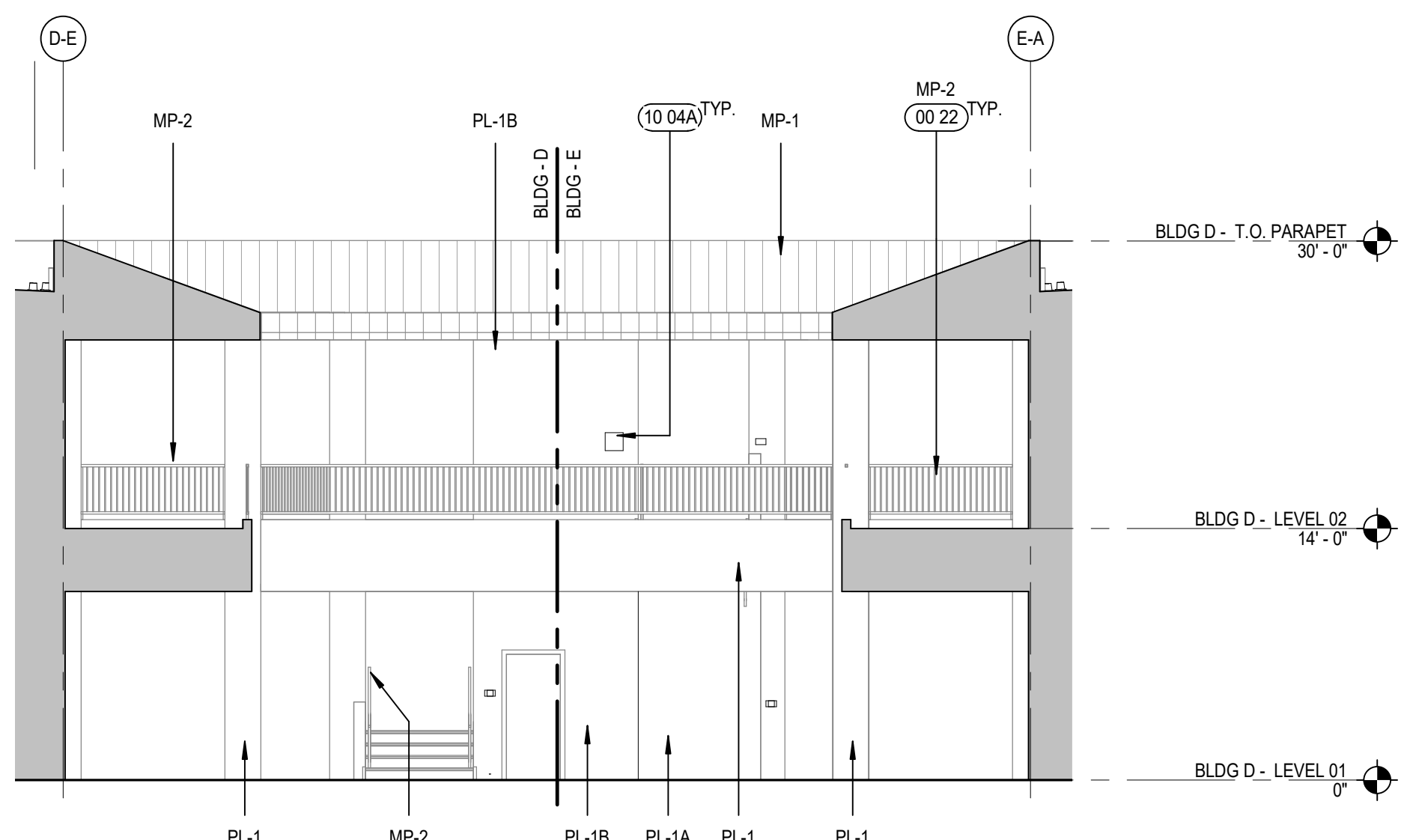
1 STAIR D118A - NORTH ELEVATION
A4.D1 SCALE: 1/8" = 1'-0"



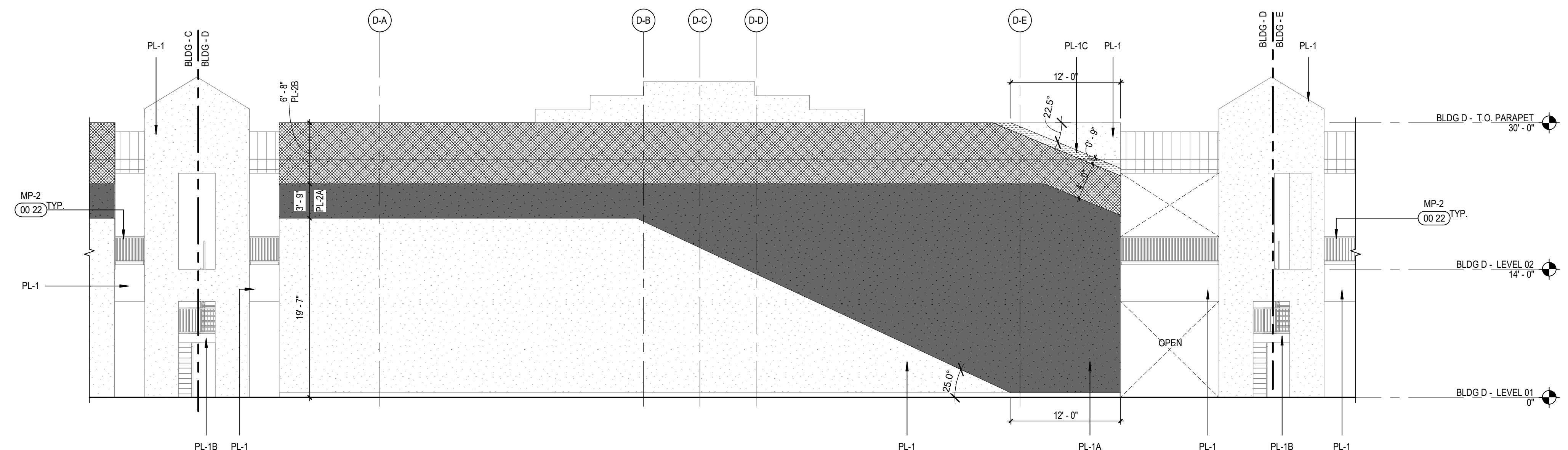
13 BLDG D - NORTH ELEVATION
A4.D1 SCALE: 1/8" = 1'-0"



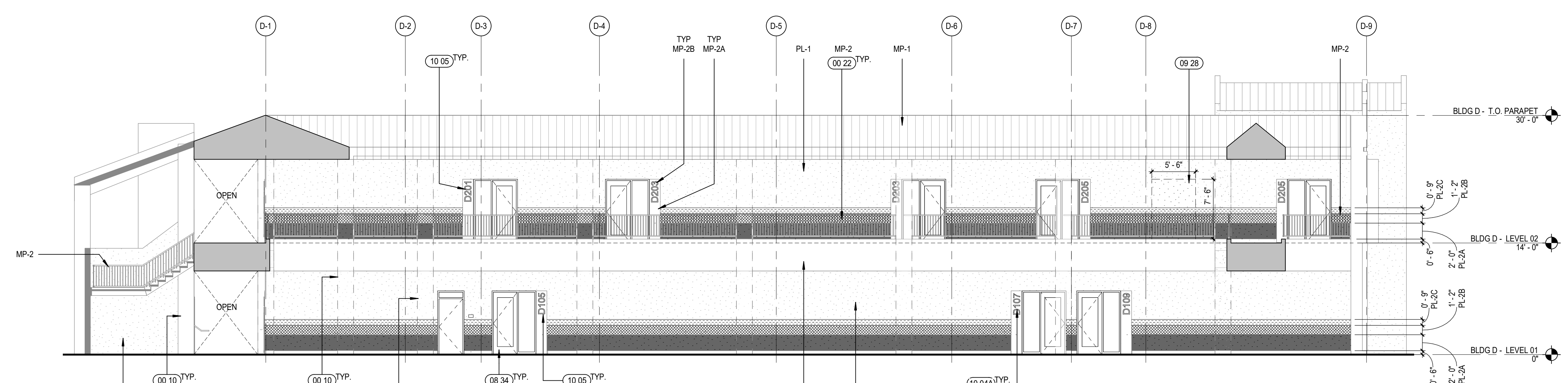
2 BLDG D - EAST ELEVATION
A4.D1 SCALE: 1/8" = 1'-0"



41 STAIR D118B - SOUTH ELEVATION
A4.D1 SCALE: 1/8" = 1'-0"



43 BLDG D - SOUTH ELEVATION
A4.D1 SCALE: 1/8" = 1'-0"



52 BLDG D - WEST ELEVATION
A4.D1 SCALE: 1/8" = 1'-0"

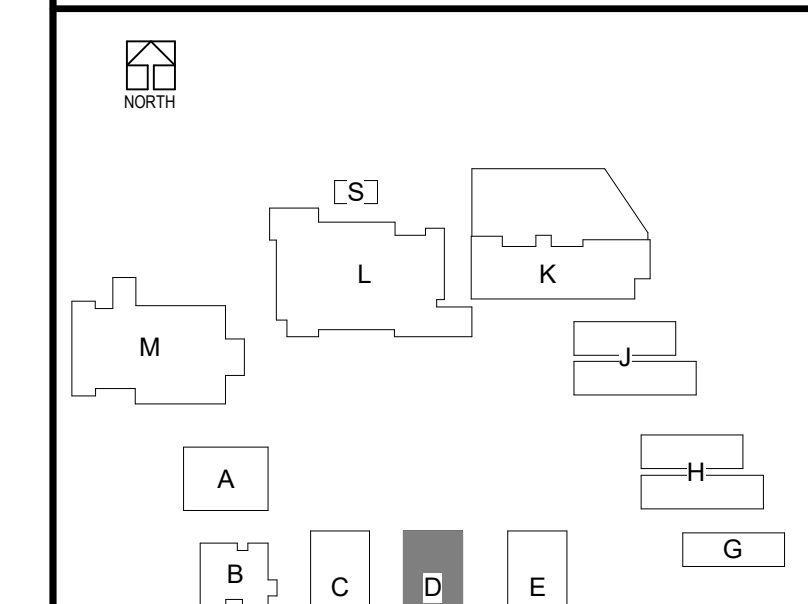
KEYNOTES

- 00 10 (E) COLUMN TO REMAIN - PAINTED FOR FINISH INFO
- 00 22 (E) GUARDRAIL TO REMAIN - SEE EXTERIOR ELEVATION FOR FINISH INFO
- 08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
- 09 28 INFILL WALL OPENING. FINISH TO MATCH ADJACENT SURFACE IN MATERIAL, THICKNESS AND FINISH
- 10 04A SIGNAGE. SEE SIGNAGE PLANS FOR DETAIL
- 10 05 DIMENSIONAL CHARACTER SIGNAGE. SEE 44/CP1.10
- 22 11 (N) H/L/O DRINKING FOUNTAIN W/ BOTTLE FILLER. SEE DETAILS 14C02.1 & 41A11.5

EXTERIOR ELEVATION FINISH LEGEND

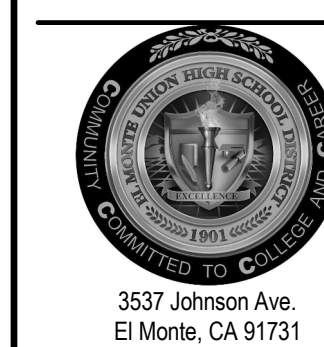
- MP-1 METAL ROOF
X = COLOR, SEE SPEC SECTION 07 01 50 61
- MP-2X EXPOSED METAL, PAINTED
X = COLOR, SEE COLOR LEGEND
- MP - #A COLOR LEGEND:
A. DARK BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
- PL-1 EXTERIOR PLASTER, BASE COLOR
COLOR = LIGHT GRAY - MFR: ABCD
MFR: Dunn Edwards, Stagitz Silver DE1612
- PL-2X EXTERIOR PLASTER - ACCENT COLORS
X = COLOR, SEE PLASTER COLOR LEGEND
- PL - #A PLASTER COLOR LEGEND:
MFR: ABCD
A. NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
C. WHITE, Dunn Edwards, Coconut Grove DEH003
- SD-1X SIDING
X = COLOR, SEE SIDING COLOR LEGEND
- SIDING COLOR LEGEND:
A. NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
C. WHITE, Dunn Edwards, Coconut Grove DEH003

KEY PLAN



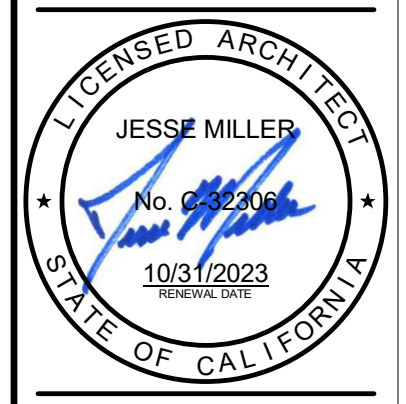
EXTERIOR ELEVATIONS - BLDG D
South El Monte HS Modernization
El Monte Union High School District
1001 Dunifer Ave., South El Monte, CA 91733

100% CDs
03/01/2022
Revision Description
11/18/2022 ADDENDUM 2



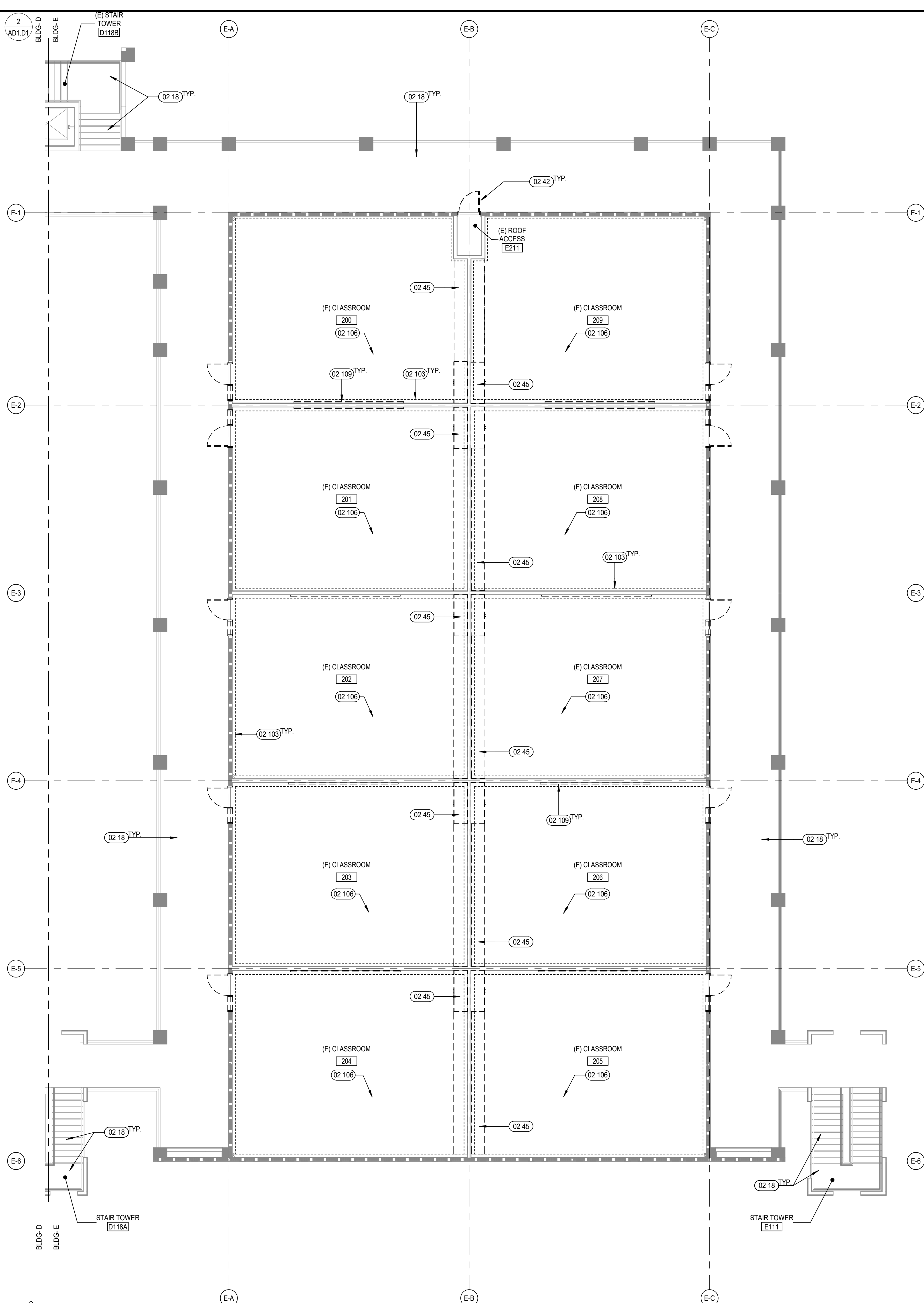
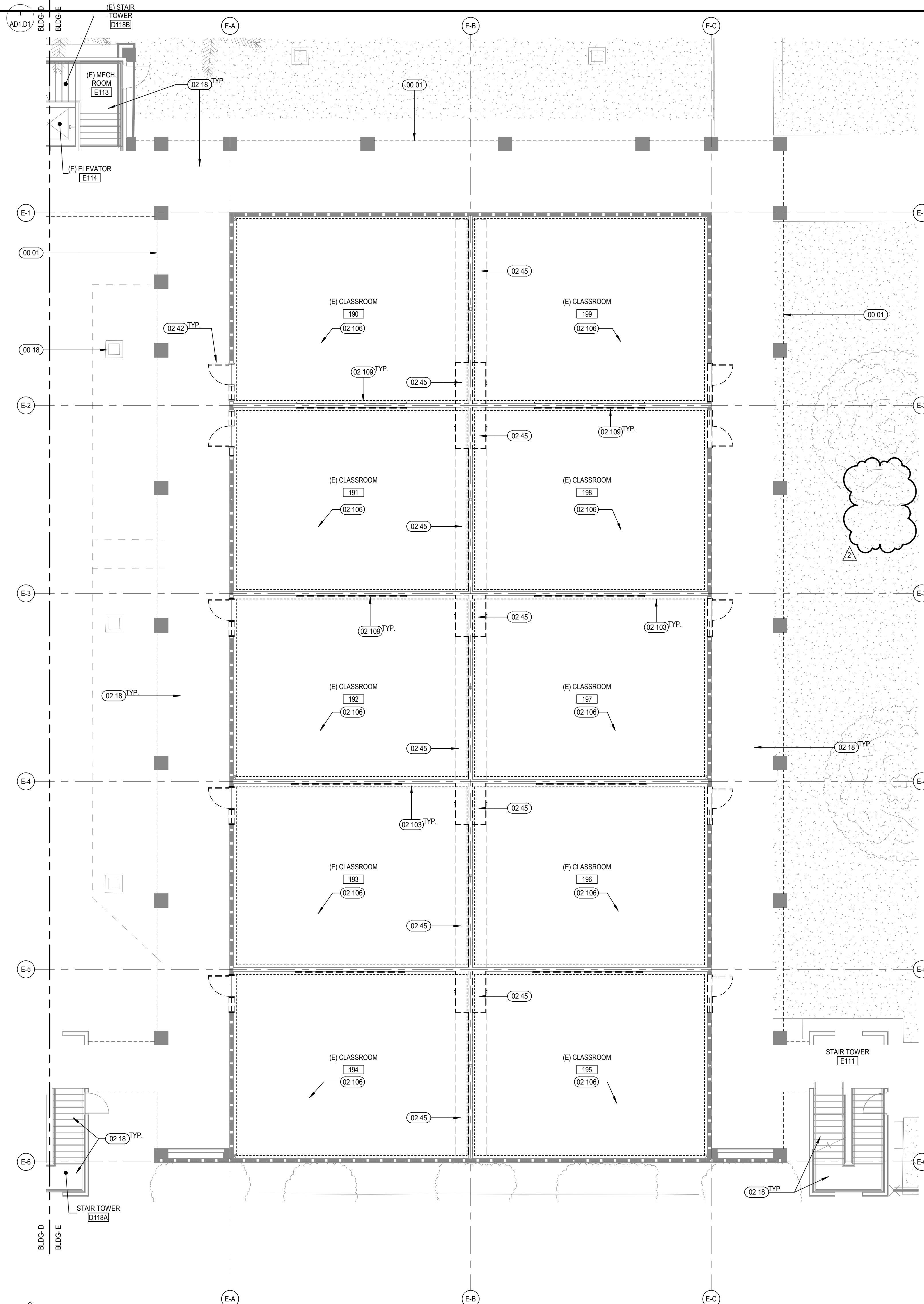
3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

A4.D1



ADDEND 11/18/22
UNIT 2

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KEYNOTES

00 01	LINE OF ROOF OVERHANG ABOVE SHOWN DASHED
02 18	(E) SITE UTILITIES TO REMAIN U.N.O. SEE CIVIL DWGS
02 18	REMOVE (E) FINISH (PREP EXTERIOR ELEVATED WALKWAYS, STAIRS, AND LANDINGS FOR NEW TRAFFIC COATING FINISH
02 42	DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)
02 45	DEMO (E) CASEWORK
02 103	REMOVE (E) WALL FINISHES DOWN TO STUDS INCLUDING ALL ATTACHED ITEMS (INCLUDE ALL WALLS WHERE NECESSARY TO HIDE OUTLETS)
02 106	1. DEMO (E) FLOORING AND BASE, 2. DEMO (E) WALL FINISH
02 109	REMOVE (E) MARKERBOARD / CHALKBOARD

DEMOLITION GENERAL NOTES

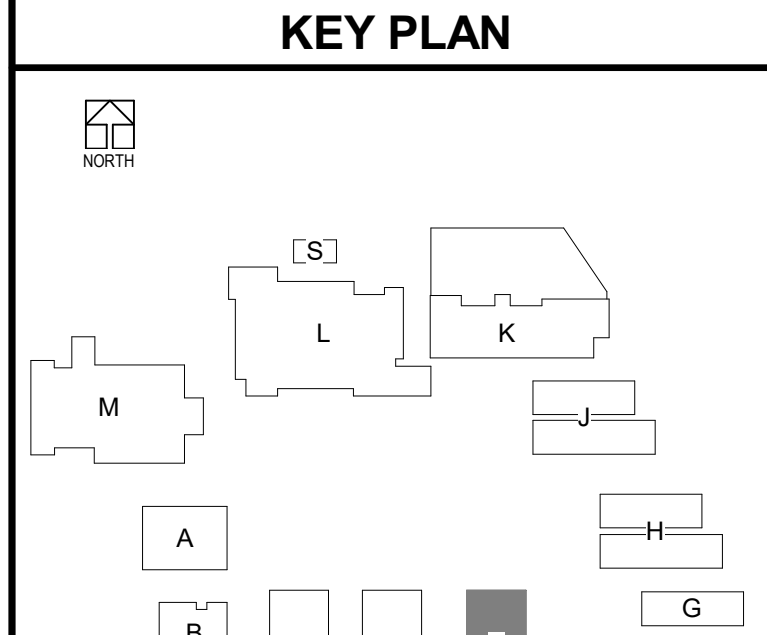
DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.

THE CONTRACTOR SHALL:

- COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
- COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
- CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
- MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
- VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- REMOVE IN THEIR ENTIRETY ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILINGS, SOFFITS, MARKERBOARDS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
- THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
- PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
- REPAIR OR REPLACE ITEMS THAT ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
- EXISTING MATERIAL SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT AND OWNER.
- VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
- PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS, AS REQUIRED TO MAINTAIN FIRE-RATED PARTITIONS, SEPARATIONS OR PREVIOUS CONDITIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
- GAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
- SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
- AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
- WHERE CMU WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY REMOVING CMU IN TOOTH-IN PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH-IN NEW CMU PATCHES.
- WHERE PLASTER/STUD WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 1'-0" BEYOND DEMOLITION.
- DEMO 12" MIN OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE.

DEMO FLOOR PLAN LEGEND

	MINIMAL INTERIOR ARCHITECTURAL WORK
	DEMO (E) GYP TO STUDS, PREP FOR (N) SHEATHING
	(E) STUD WALL TO REMAIN
	(E) C.M.U. WALL TO REMAIN
	(E) 1HR RATED WALL TO REMAIN
	(E) DOOR TO REMAIN
	(E) STUD WALL TO BE DEMOLISHED
	(E) DOOR TO BE DEMOLISHED
	(E) FENCE TO BE DEMOLISHED

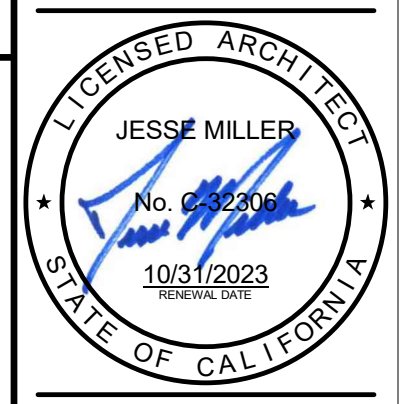


CHANGE ORDERS FOR ADDITIONAL DEMOLITION WORK WILL NOT BE ALLOWED FOR ANY ITEMS THAT ARE NOT SHOWN ON DOCUMENTS; HOWEVER, NEW WORK IS SHOWN TO OCCUR IN SAID SPACE OR AREA. CONTRACTOR MUST BID DOCUMENT IN THEIR TOTALITY AND NOT SPLIT DRAWINGS AMONG SUB-CONTRACTORS.

1 DEMO - BLDG E - LEVEL 01
AD1.E1 SCALE: 1/8" = 1'-0"

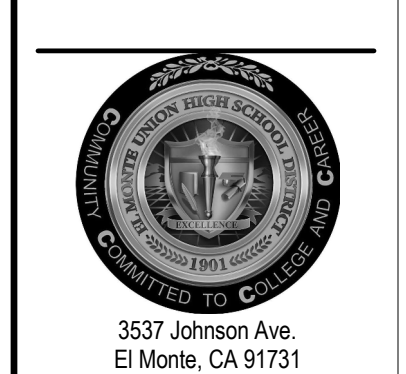
2 DEMO - BLDG E - LEVEL 02
AD1.E1 SCALE: 1/8" = 1'-0"

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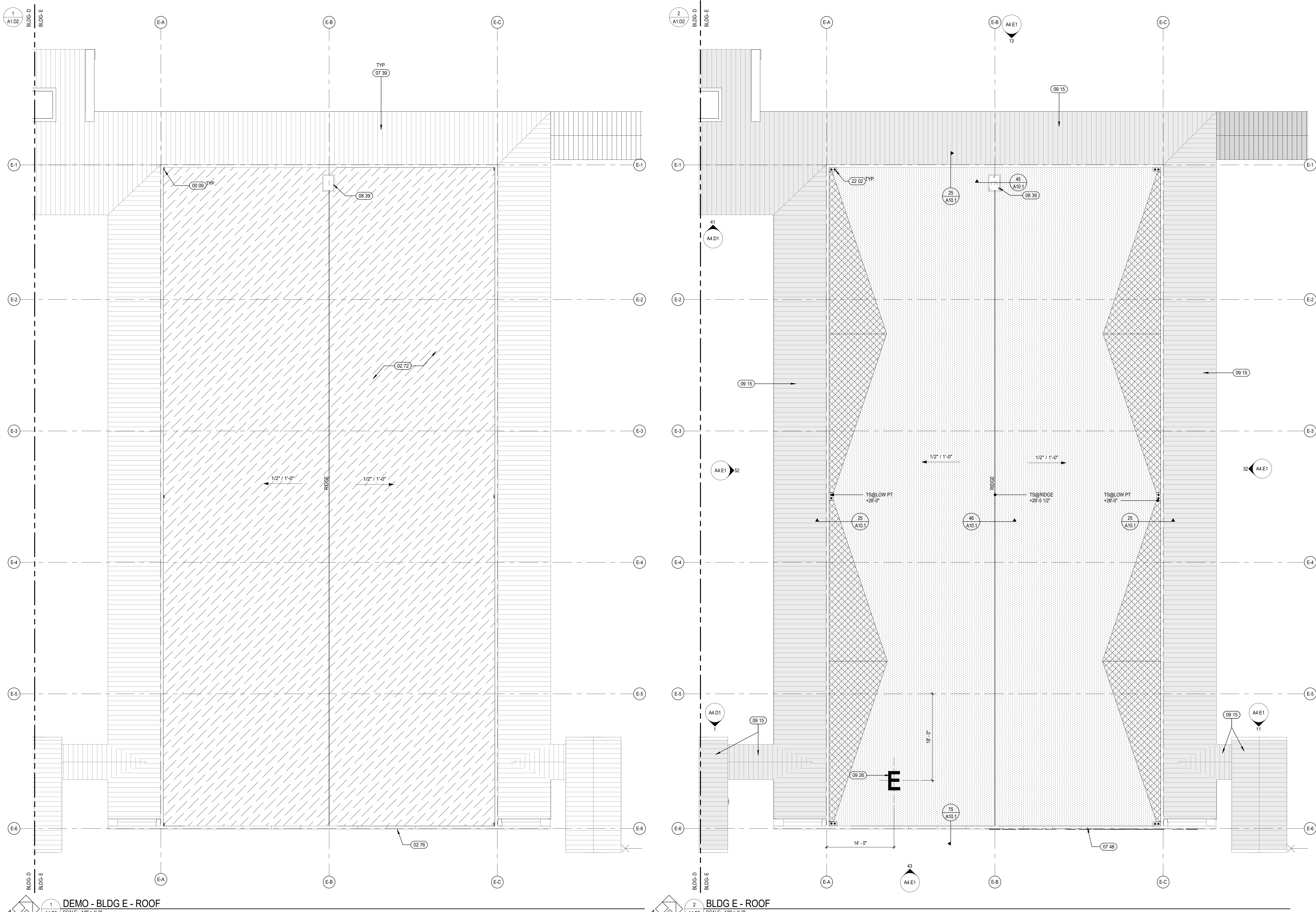
DEMOLITION FLOOR PLAN - BLDG E
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave., South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

AD1.E1



KEYNOTES	
00 09	(E) RWL TO REMAIN
02 72	DEMO (E) ROOFING TO SUBSTRATE. PREPARE FOR (N) ROOFING
02 76	DEMO (E) ROOF FLASHING, COPING AND RELATED ACCESSORIES IN PREPARATION FOR NEW ROOF U.N.O.
07 39	(E) METAL ROOF TO REMAIN
07 48	(N) COPING CAP TYP - REFER TO DETAIL 15A10.1
08 39	(E) ROOF HATCH TO REMAIN
09 15	NEW PAINT AT (E) METAL ROOFS
09 26	PAIN BUILDING LETTER IDENTIFICATION ON TPA MEMBRANE ROOFING. SIZE: 9" TALL FONT. RAIL MFR: TREMCO (REPUBLIC RESTORATION SYSTEMS) ALPHAGUARD FLUID APPLIED ROOF SYSTEM, COLOR: MEDIUM GRAY
22 02	(E) ROOF & OVERFLOW ROOF DRAIN, SEE DETAIL 53A10.1

ROOF PLAN GENERAL NOTES

- A. ROOF PLAN GENERAL NOTES APPLY TO ALL ROOF PLAN SHEETS.
- B. ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION.
- C. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- D. ALL ROOF CURBS TO BE A MINIMUM OF 8 INCHES ABOVE ROOFING LEVELS. FIELD VERIFY HEIGHT OF EXISTING ROOF CURBS TO REMAIN AND IF THEY DO NOT MEET 8 INCH HEIGHT, BUILD-UP AND EXTEND CURBS TO REQUIRED HEIGHT.
- E. PROVIDE TAPERED INSULATION ROOF SHOULDS AT ROOF CURBS TO PROVIDE DRAINAGE AROUND CURB.
- F. SEE STRUCTURAL DRAWINGS FOR FRAMING AROUND ROOF PENETRATIONS.
- G. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS DRAWING.
- H. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON DRAWINGS.
- I. NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0" EACH SIDE OF FIREWALL. SEE CODE PLAN FOR FIRE WALL LOCATIONS.
- J. ALL SPOT ELEVATIONS OF EXISTING CONDITIONS ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED IN FIELD.
- K. RF-2(C) INDICATES AREAS OF EXPECTED ZONOLITE CONCRETE FILL ABOVE STEEL DECK AS EXISTING ROOFING ASSEMBLY. ALL EXISTING ROOF DECKS TO BE FIELD VERIFIED BY CONTRACTOR.
- L. CONTRACTOR TO REMOVE (E) BUILT-UP ROOFING AT BUILDINGS G, H AND J. (E) ROOF DRAINS ARE TO REMAIN. U.N.O., (E) ROOF TOP MECHANICAL IS TO REMAIN U.N.O.

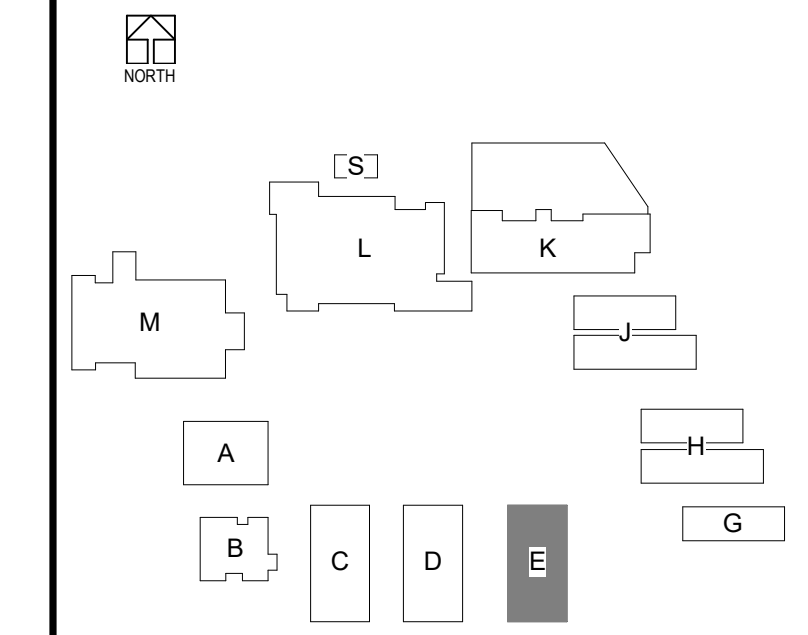
DEMO ROOF PLAN LEGEND

	(E) BUILT UP TO BE DEMOLISHED AND REMOVED
	(E) ROOF ACCESS HATCH TO REMAIN U.N.O.
	(E) ROOF DRAIN AND OVERFLOW TO REMAIN U.N.O.
	(E) ROOF TOP MECHANICAL UNIT OR EXHAUST FAN TO BE DEMOLISHED. SEE MECHICAL SHEETS.

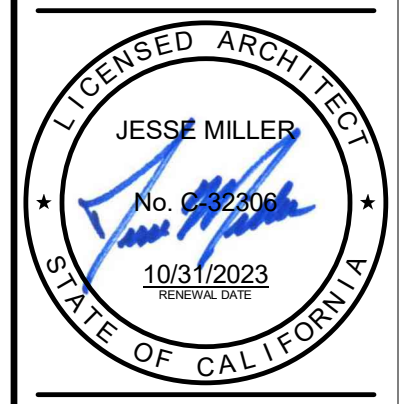
ROOF PLAN LEGEND

	(E) METAL ROOFING, PAINTED PER EXTERIOR ELEVATIONS
	(A) OR (B) SINGLE PLY ROOFING, SEE DETAIL 26A10.1
	(N) TAPERED INSULATION, ATTACH PER DETAIL 31A10.1
	(E) ROOFTOP EXHAUST FAN & CURB, SEE 34A10.1
	ROOF WALKWAY PADS

KEY PLAN



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ROOF PLAN - DEMO AND NEW - BLDG E ECA
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave., South El Monte, CA 91733

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 03/01/2022
 11/18/2022 ADDENDUM 2

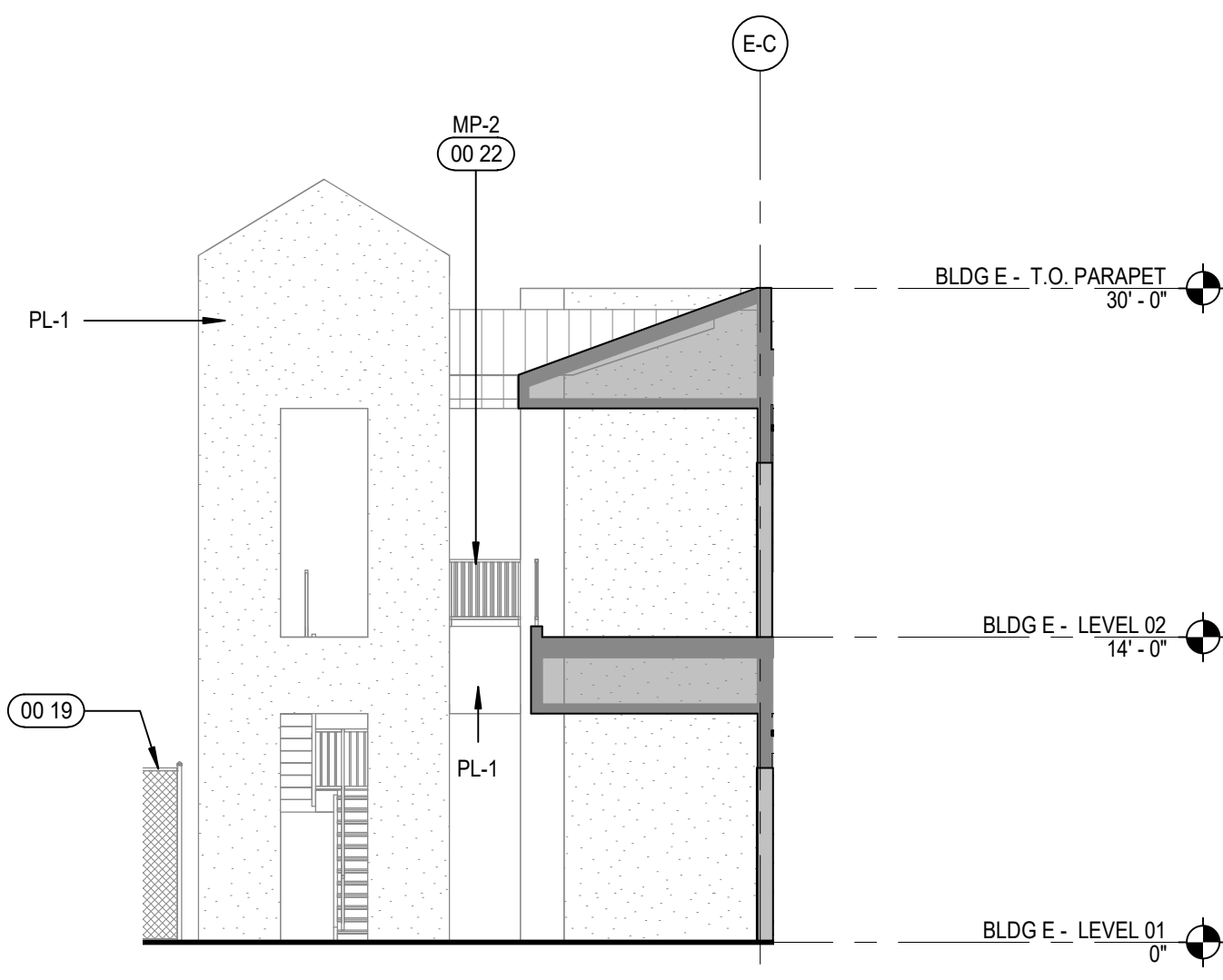


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 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

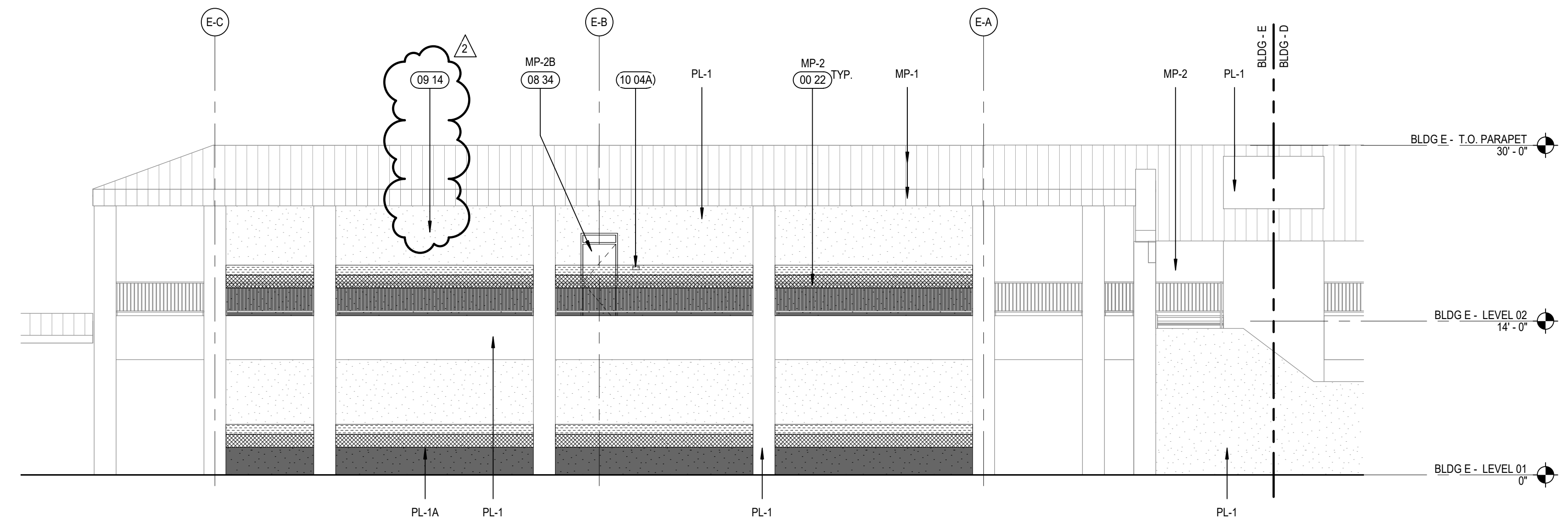
A1.E2

ADDEND 11/10/22
 UNIT 2

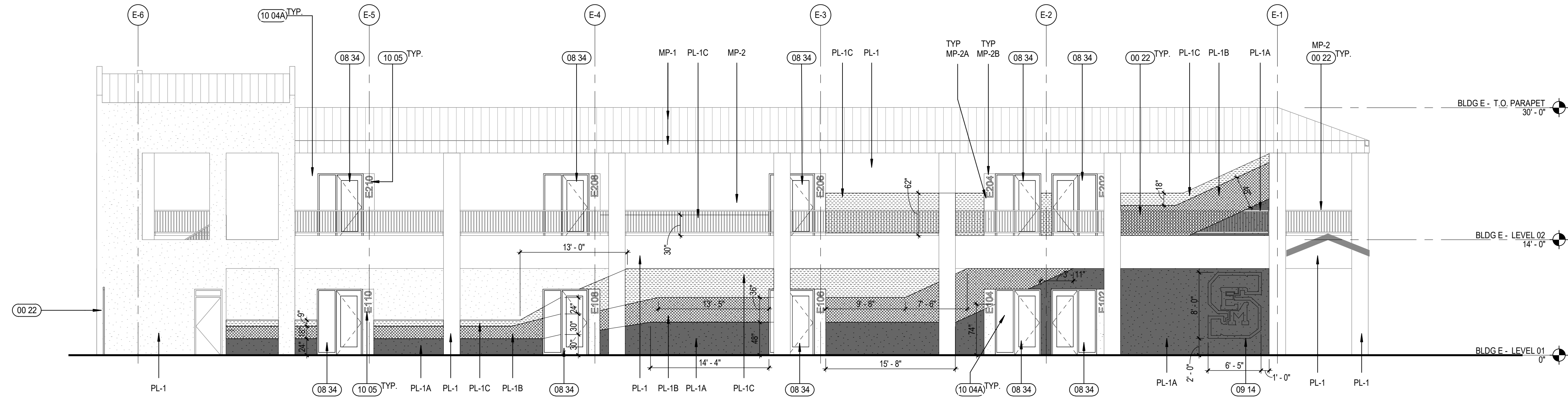
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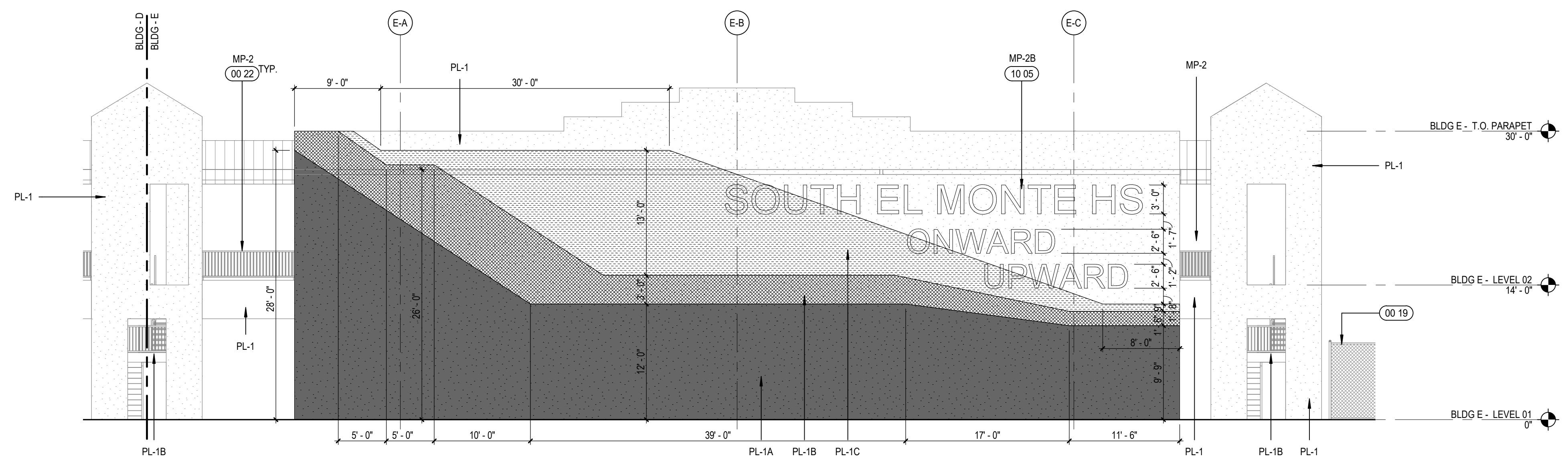
11 STAIR E111 - NORTH ELEVATION
A4.E1 / SCALE: 1/8" = 1'-0"



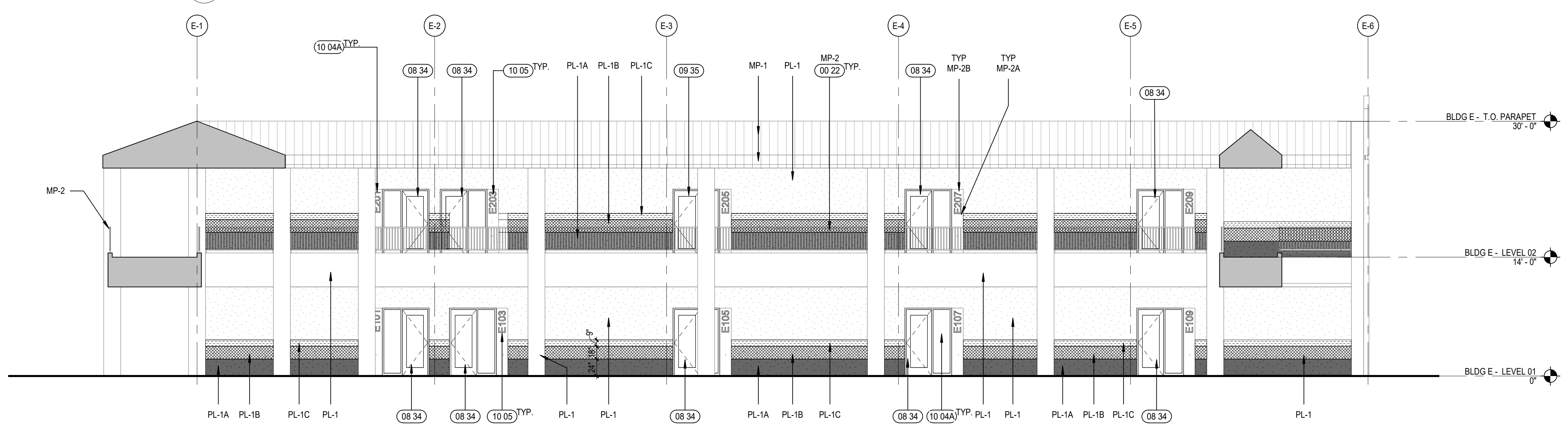
13 BLDG E - NORTH ELEVATION
A4.E1 / SCALE: 1/8" = 1'-0"



32 BLDG E - EAST ELEVATION
A4.E1 / SCALE: 1/8" = 1'-0"



43 BLDG E - SOUTH
A4.E1 / SCALE: 1/8" = 1'-0"



52 BLDG E - WEST ELEVATION
A4.E1 / SCALE: 1/8" = 1'-0"

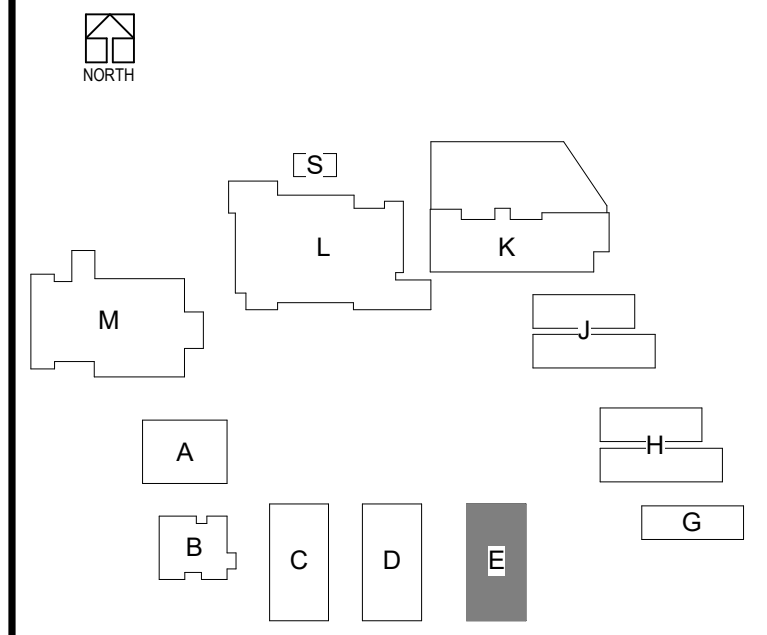
KEYNOTES

- 00 19 (E) SITE FENCE / GATE TO REMAIN
- 00 22 (E) GUARDRAIL TO REMAIN. SEE EXTERIOR ELEVATION FOR FINISH INFO
- 08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
- 09 14 WALL GRAPHIC. REFER TO SPEC 09 72 17
- 09 35 NEW WALL FINISH TO MATCH ADJACENT SURFACE SIGNAGE. SEE SIGNAGE PLANS FOR DETAIL
- 10 04A DIMENSIONAL CHARACTER SIGNAGE. SEE 44CP1.10
- 10 05

EXTERIOR ELEVATION FINISH LEGEND

- MP-1 METAL ROOF
COLOR: GREY - SEE SPEC SECTION 07 01 50 61
- MP-2X EXPOSED METAL PAINTED
X = COLOR, SEE COLOR LEGEND
- MP - #A COLOR LEGEND:
A. DARK BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
- PL-1 EXTERIOR PLASTER, BASE COLOR
COLOR = LIGHT GRAY - MFR: ABCD
MFR: Dunn Edwards, Stagitz Silver DE1612
- PL-2X EXTERIOR PLASTER - ACCENT COLORS
X = COLOR, SEE PLASTER COLOR LEGEND
- PL - #A PLASTER COLOR LEGEND:
MFR: ABCD
A. NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
C. WHITE, Dunn Edwards, Coconut Grove DEHW03
- SD-1X SIDING
X = COLOR, SEE SIDING COLOR LEGEND
- SIDING COLOR LEGEND:
A. NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
C. WHITE, Dunn Edwards, Coconut Grove DEHW03

KEY PLAN



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EXTERIOR ELEVATIONS - BLDG E
South El Monte HS Modernization
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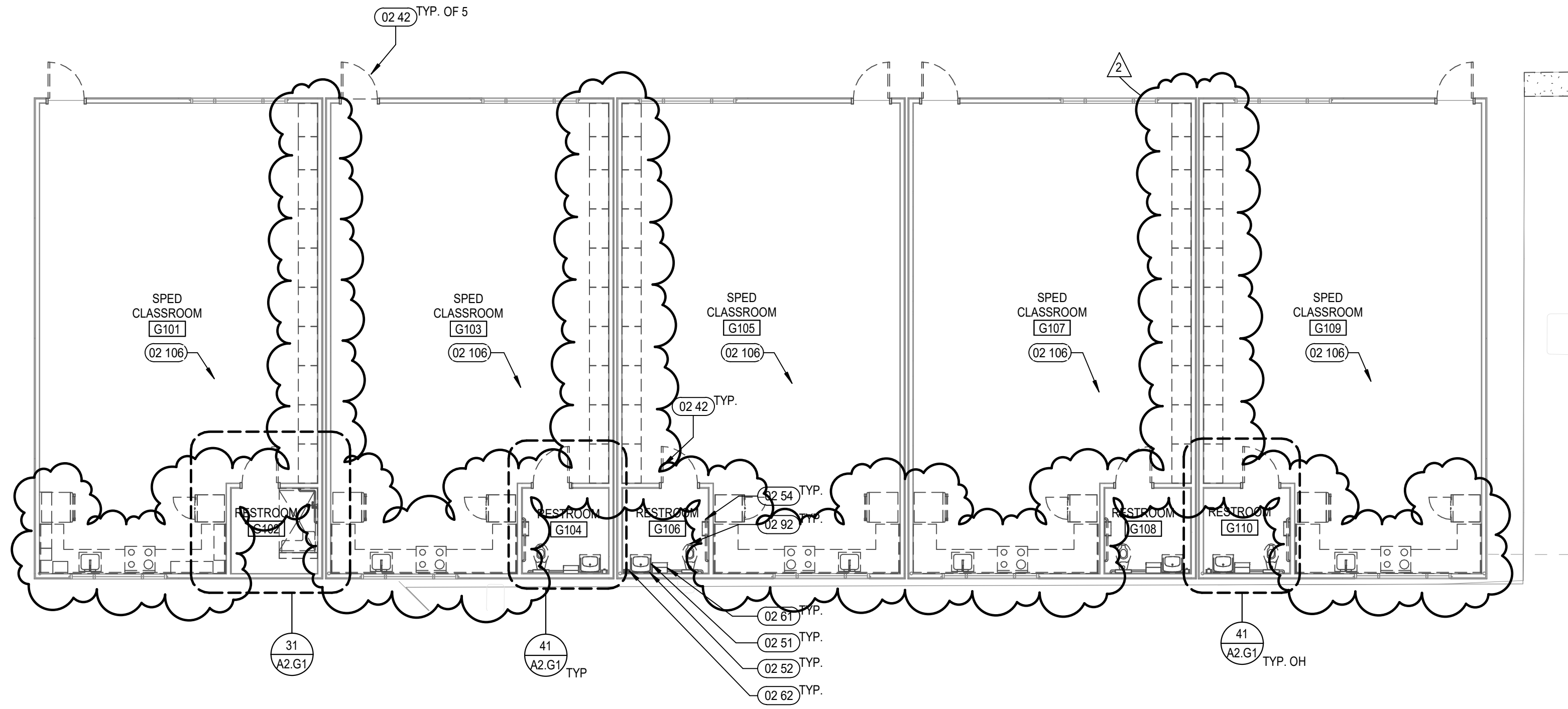
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Revision
Date Description
11/18/2022 ADDENDUM 2



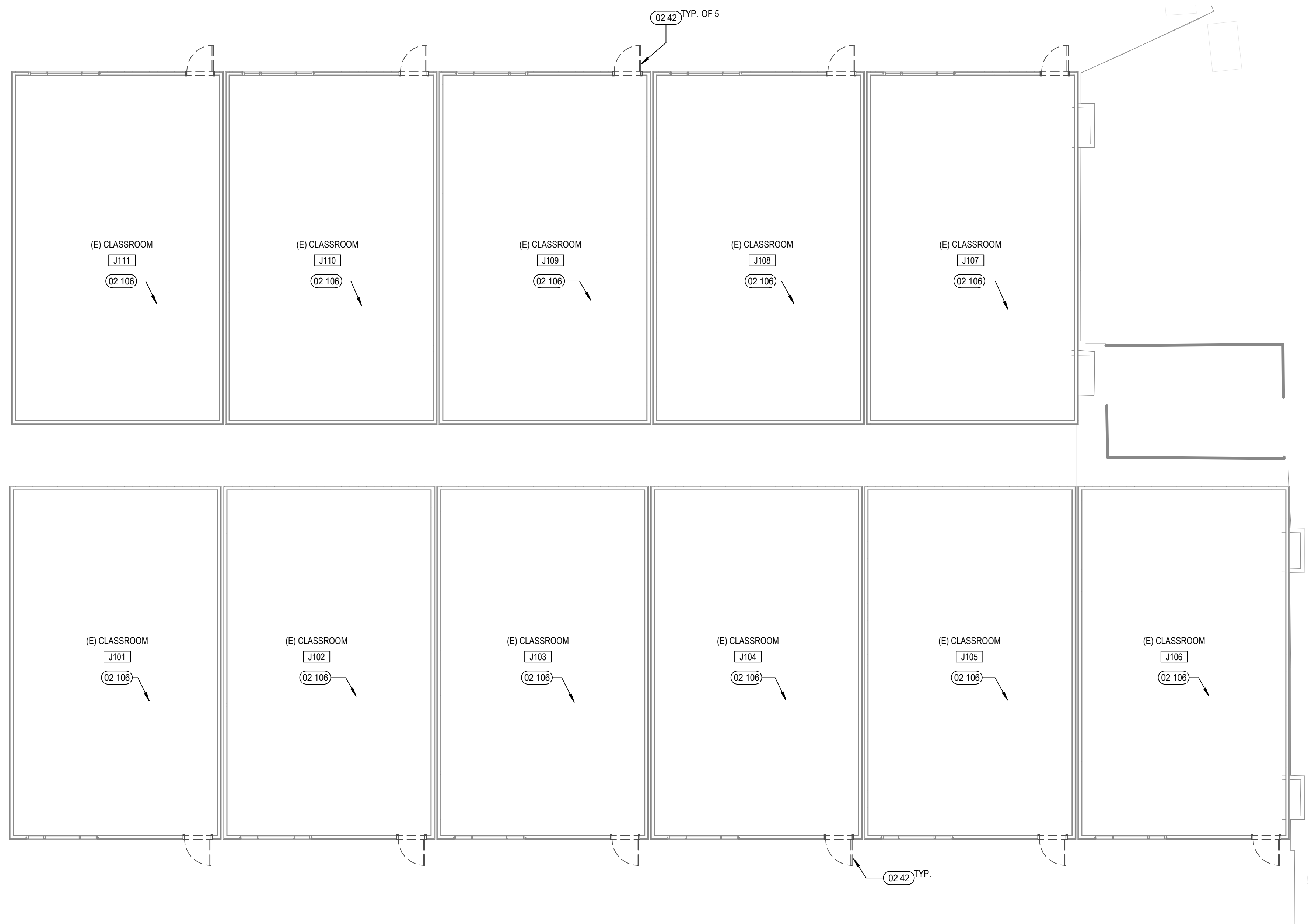
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El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

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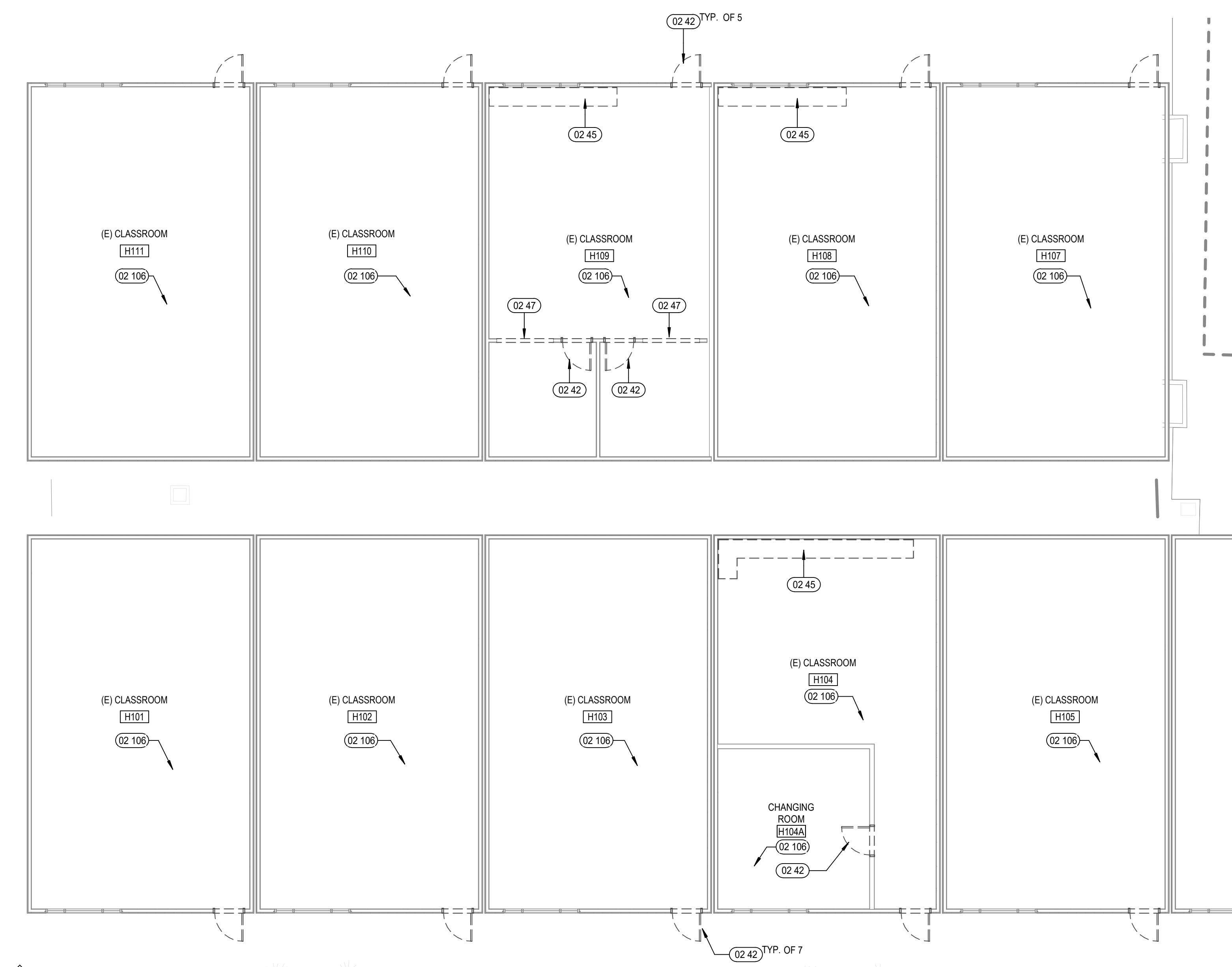
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 UN2
 ADDEND 10/28/22
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21 DEMO - BLDG G - FLOOR PLAN
AD1 G1 SCALE: 1/8" = 1'-0"



34 DEMO - BLDG J - LEVEL 01
AD1 G1 SCALE: 1/8" = 1'-0"



51 DEMO - BLDG H - LEVEL 01
AD1 G1 SCALE: 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.
- THE CONTRACTOR SHALL:
- COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
 - COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
 - CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
 - MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
 - VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- REMOVE IN THEIR ENTIRETY ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILINGS, SOFFITS, MARKERBOARDS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
 - THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
 - PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - REPAIR OR REPLACE ITEMS THAT ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
 - EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT AND OWNER.
 - VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
 - MATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS, AS REQUIRED TO MAINTAIN FIRE-RESISTANCE-RATED SEPARATIONS OR PREVIOUS CONDITIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
- CAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
 - SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
 - AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
 - WHERE CMU WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH FINISH BY REMOVING CMU IN TOOTH-PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH-IN NEW CMU PATCHES.
 - WHERE PLASTER/STUD WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH FINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 1'-0" BEYOND DEMOLITION.
 - DEMO 12" MIN. OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE.

CHANGE ORDERS FOR ADDITIONAL DEMOLITION WORK WILL NOT BE ALLOWED FOR ANY ITEMS THAT ARE NOT SHOWN ON DOCUMENTS. HOWEVER, NEW WORK IS SHOWN TO OCCUR IN SAID SPACE OR AREA. CONTRACTOR MUST BID DOCUMENT IN THEIR TOTALITY AND NOT SPLIT DRAWINGS AMONG SUB-CONTRACTORS.

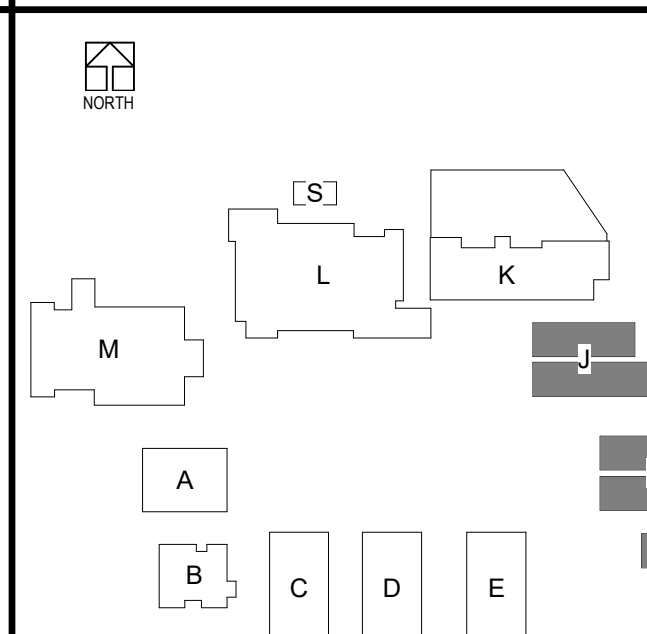
DEMO FLOOR PLAN LEGEND

- MINIMAL INTERIOR ARCHITECTURAL WORK
- DEMO (E) GYP TO STUDS, PREP FOR (N) SHEATHING
- (E) STUD WALL TO REMAIN
- (E) C.M.U. WALL TO REMAIN
- (E) 1HR RATED WALL TO REMAIN
- (E) DOOR TO REMAIN
- (E) STUD WALL TO BE DEMOLISHED
- (E) DOOR TO BE DEMOLISHED
- (E) FENCE TO BE DEMOLISHED

KEYNOTES

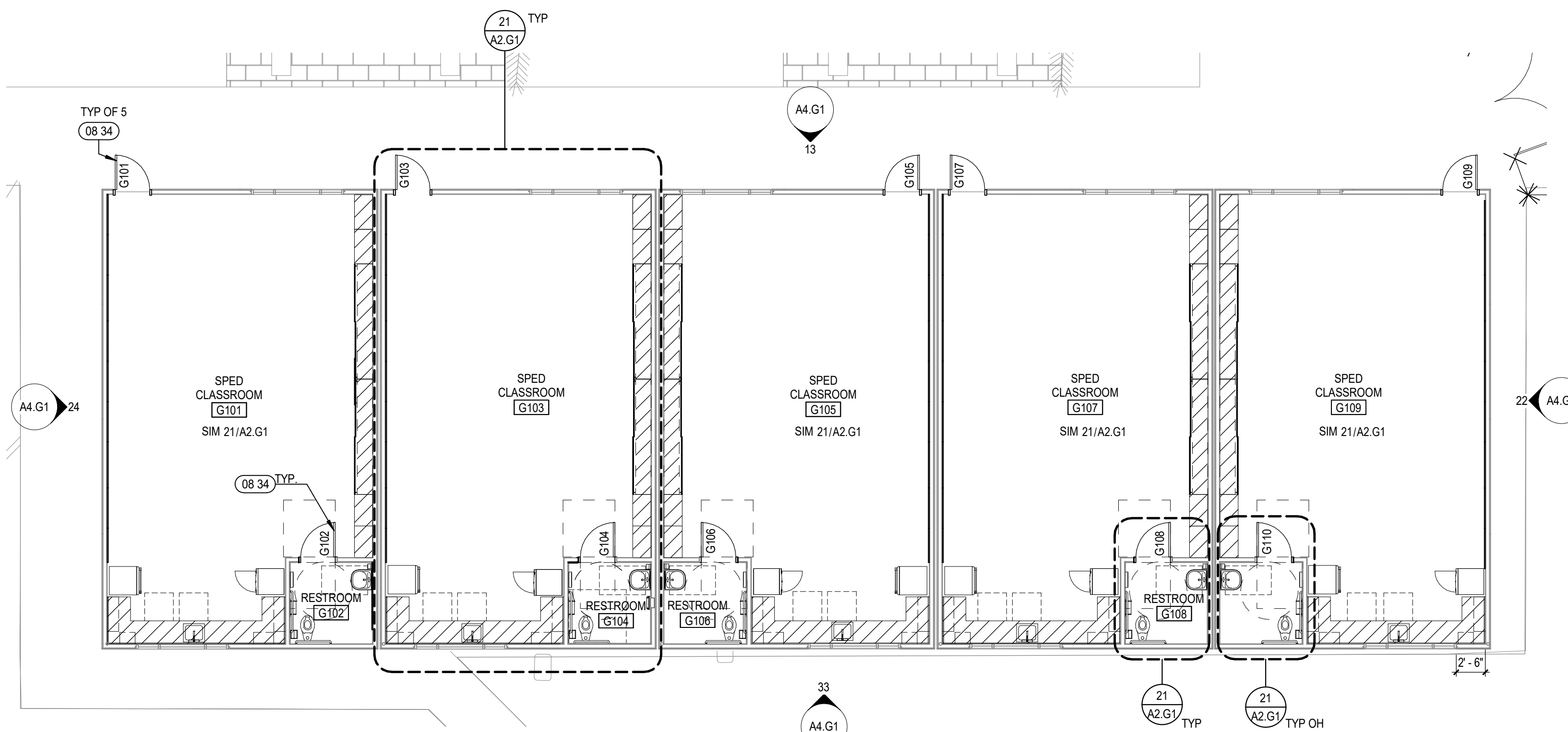
- 02 42 DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)
- 02 45 DEMO (E) CASEWORK
- 02 47 DEMO (E) WINDOW
- 02 51 DEMO (E) GYP TO BE REMOVED, REPLACED WITH (N) ACCESSIBLE LAVATORY. SEE ENLARGED PLAN, INTERIOR ELEVATIONS AND PLUMBING DWGS
- 02 52 DEMO (E) MIRROR, PATCH AND REPAIR WALL FINISH AS REQUIRED
- 02 54 (E) TONLET TISSUE DISPENSER TO BE RELOCATED, SEE ENLARGED PLAN AND INTERIOR ELEVATIONS
- 02 81 (E) PAPER TOWEL DISPENSER TO BE REMOVED.
- 02 82 (E) SOAP DISPENSER TO BE RELOCATED
- 02 92 (E) WATER CLOSET TO BE REMOVED, REPLACED WITH NEW. SEE ENLARGED PLAN AND INTERIOR ELEVATIONS
- 02 106 1. DEMO (E) FLOORING AND BASE. 2. DEMO (E) WALL FINISH

KEY PLAN

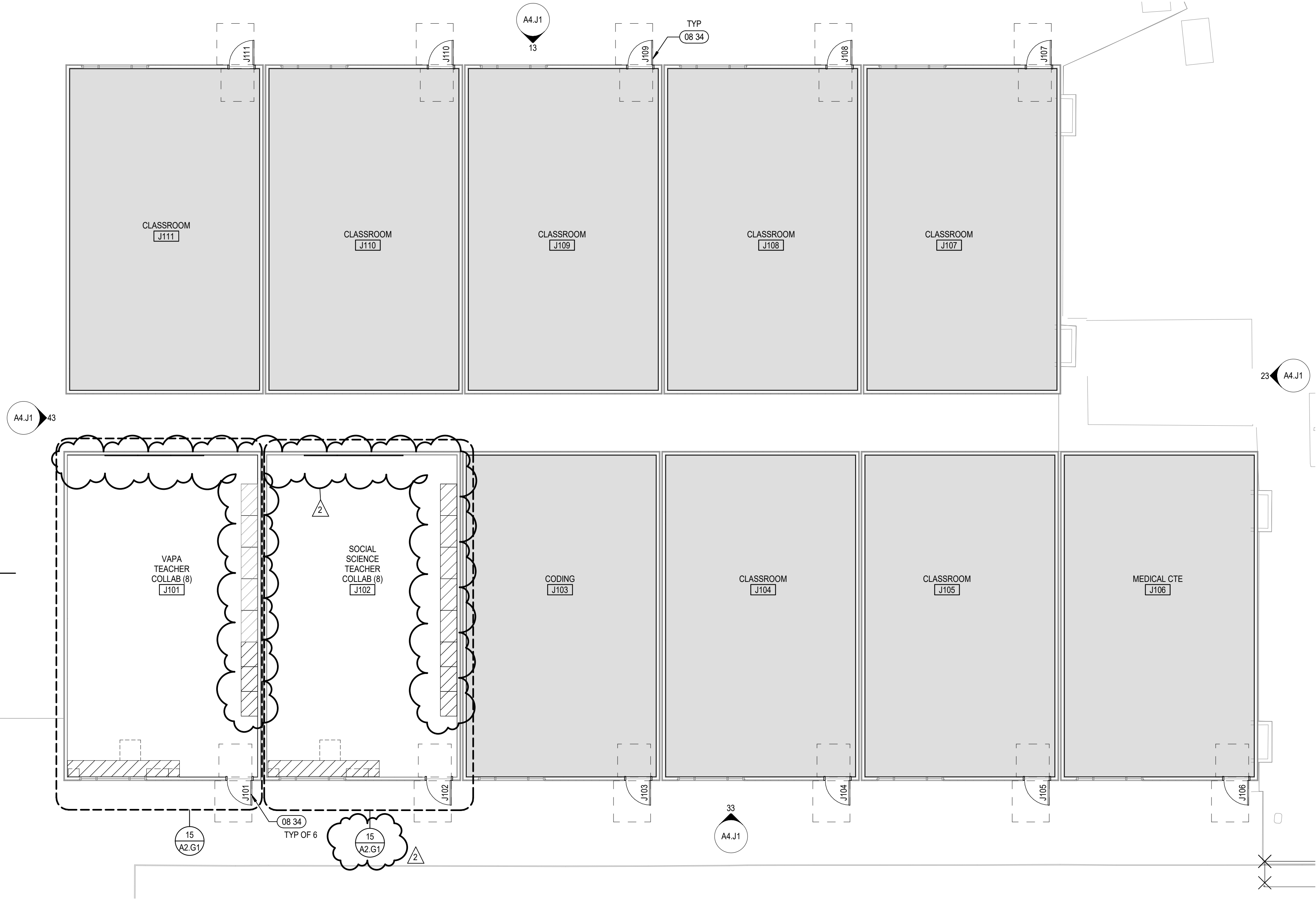


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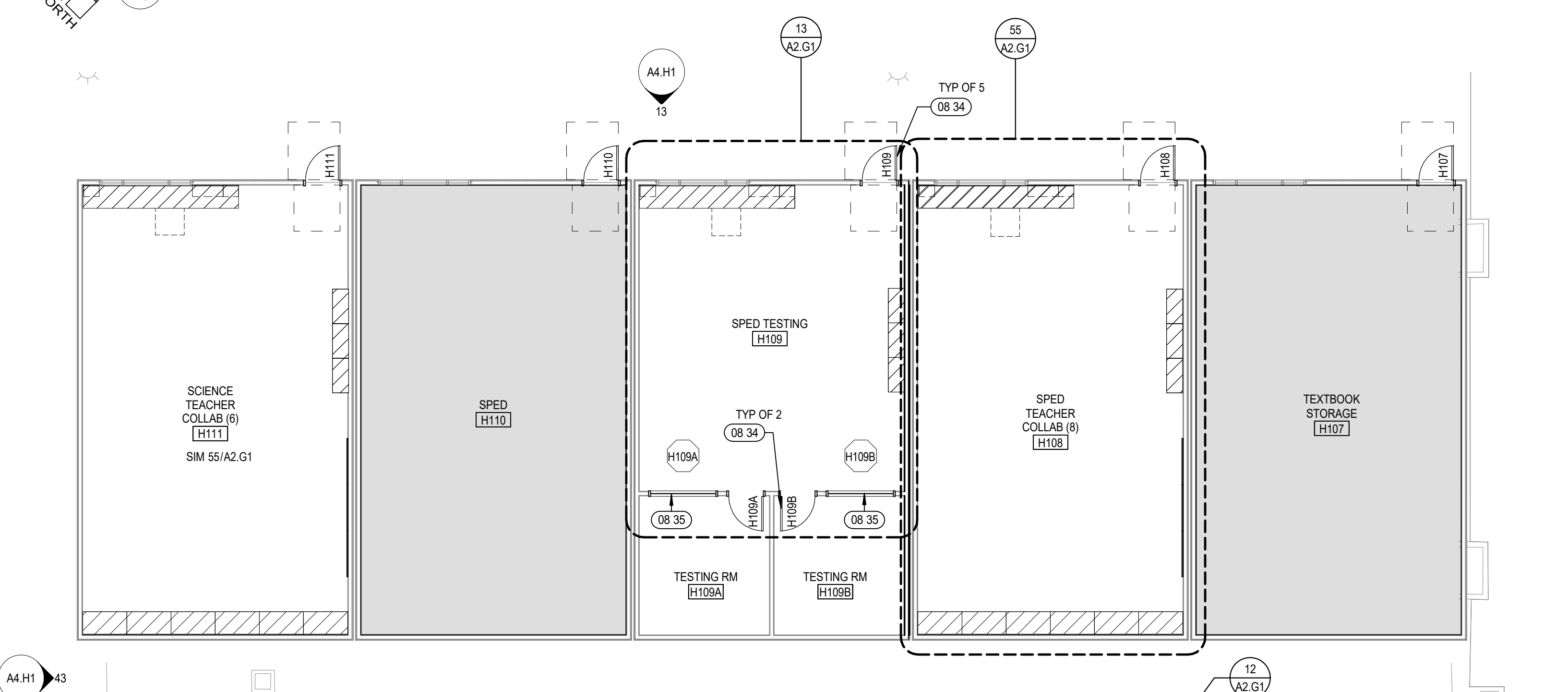
ADDEND 11/10/22
UNT 2



BLDG G - LEVEL 01
 A1.G1 SCALE: 1/8" = 1'-0"



BLDG J - LEVEL 01
 A1.G1 SCALE: 1/8" = 1'-0"



BLDG H - LEVEL 01
 A1.G1 SCALE: 1/8" = 1'-0"

GENERAL NOTES

- A. GENERAL NOTES APPLY TO ALL SHEETS.
- B. DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF C.M.U. WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- C. INCLUDE ALL OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND SHALL COORDINATE WITH THE OWNER TO ACCOMMODATE THESE ITEMS.
- D. COORDINATE ALL MECHANICAL CHASE SIZES WITH THE MECHANICAL CONTRACTOR.
- E. ARCHITECTURAL FINISH FLOOR ELEVATION 0'-07"
- F. SEE FLOOR & CODE PLANS FOR LOCATION OF WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION. ALL WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
- G. ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH PENETRATION FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTANCE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 07413.
- H. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS SHOWN ON PLANS.
- I. FIRE-RESISTANCE-RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL.
- J. CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY. SEE DRAWING FOR QUANTITIES AND LOCATION OF WORK. SEE SPECIFICATIONS FOR QUALITIES AND CONDITIONS OF WORK.
- K. WORK: ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED, BUT NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED AND INDICATED IN THE CONTRACTOR'S BID.
- L. GENERAL SHEET NOTES ONLY APPLY TO PARTICULAR DRAWING OR SERIES OF DRAWINGS.
- M. NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT.
- N. DO NOT SCALE DRAWINGS. DIMENSIONS NOTED PREVAIL. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.
- O. HORIZONTAL AND VERTICAL DIMENSIONS ARE MINIMUM DIMENSIONS. CLEARANCES ARE GIVEN TO FINISH SURFACES. GC TO VERIFY ALL CLEARANCES. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.

FLOOR PLAN LEGEND

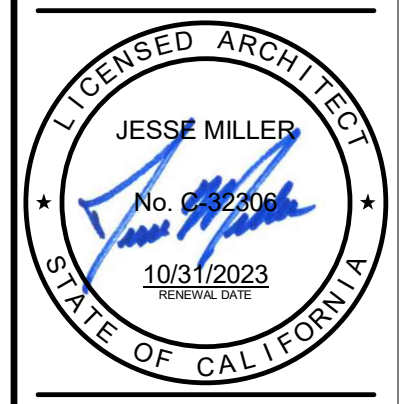
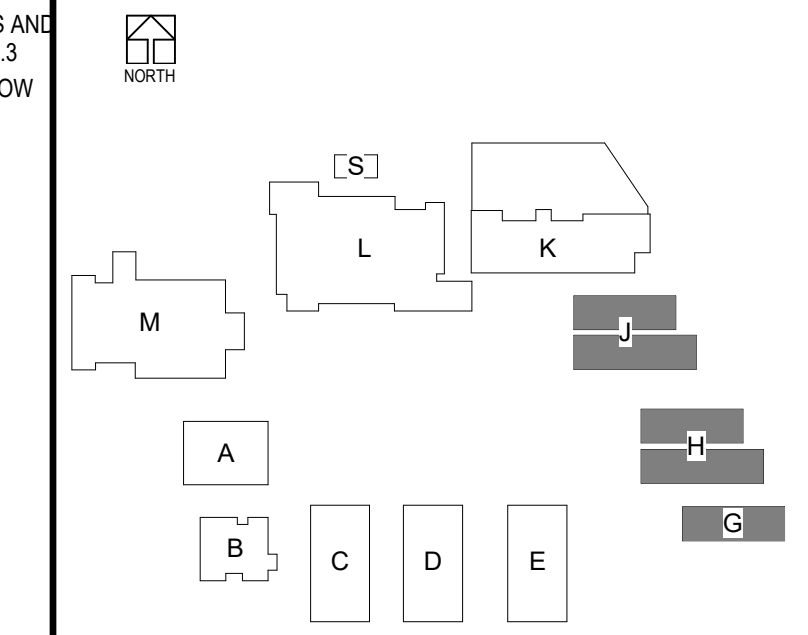
- MINIMAL INTERIOR ARCHITECTURAL WORK
- (E) STUD WALL
- (E) C.M.U. WALL
- (E) 1HR RATED WALL
- (E) 2HR RATED WALL
- (N) OR INFILL STUD WALL. SEE 42/A11.5 FOR INFILL WALL
- INFILL 1HR RATED WALL
- (N) DOOR
- (N) CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO

NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.

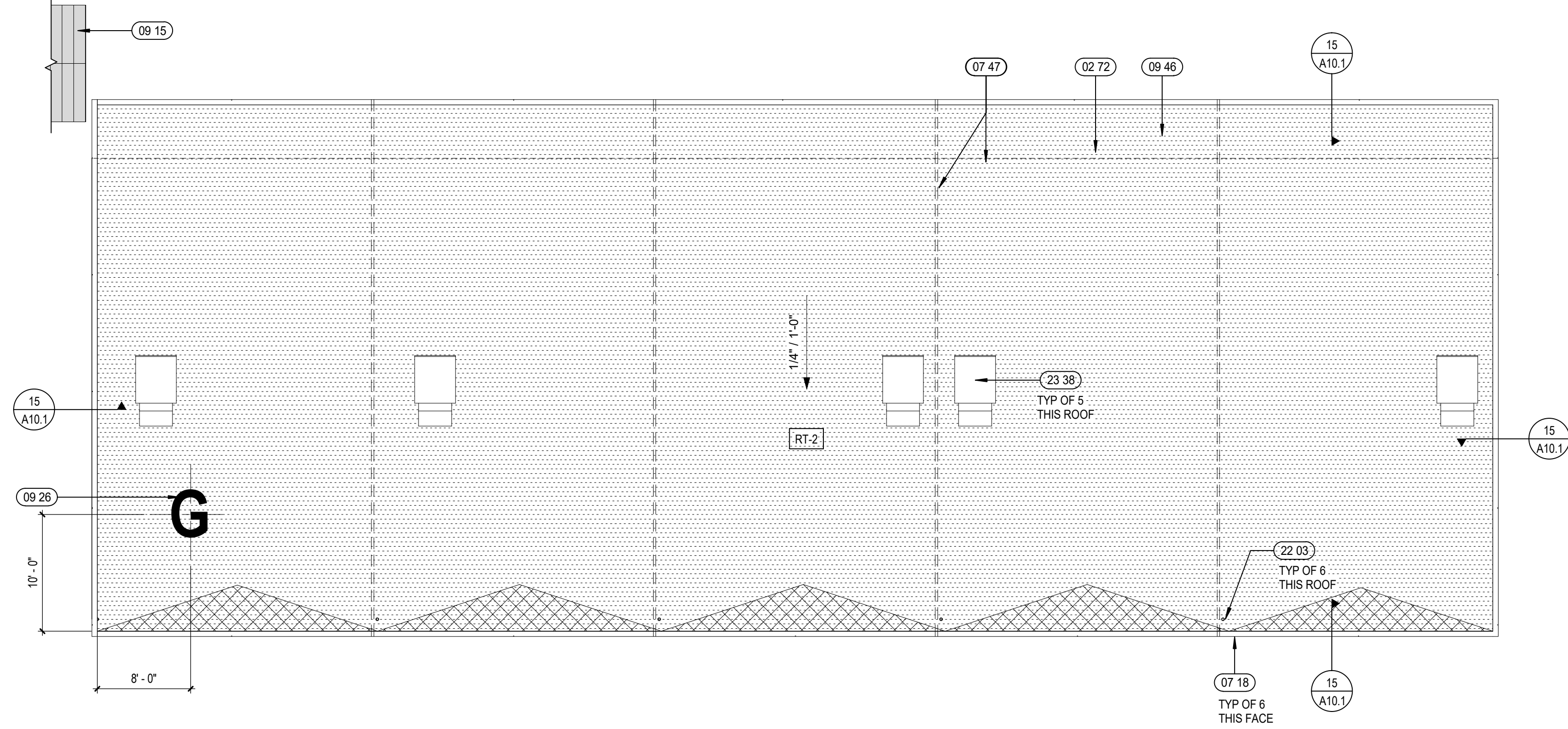
KEYNOTES

- 08034 NEW/FURNISHED DOOR AND FRAME SETS/SWELDS AND DOOR EGGS/NERE/DRUM/BED/DOWN/SERVO/SERVO/DOWN/SCHEDULE/ROOM/SHOWN/SHEET 1 AS 4
- 08035 NEW/FURNISHED DOOR AND FRAME SETS/SWELDS AND DOOR EGGS/NERE/DRUM/BED/DOWN/SERVO/SERVO/DOWN/SCHEDULE/ROOM/SHOWN/SHEET 1 AS 4

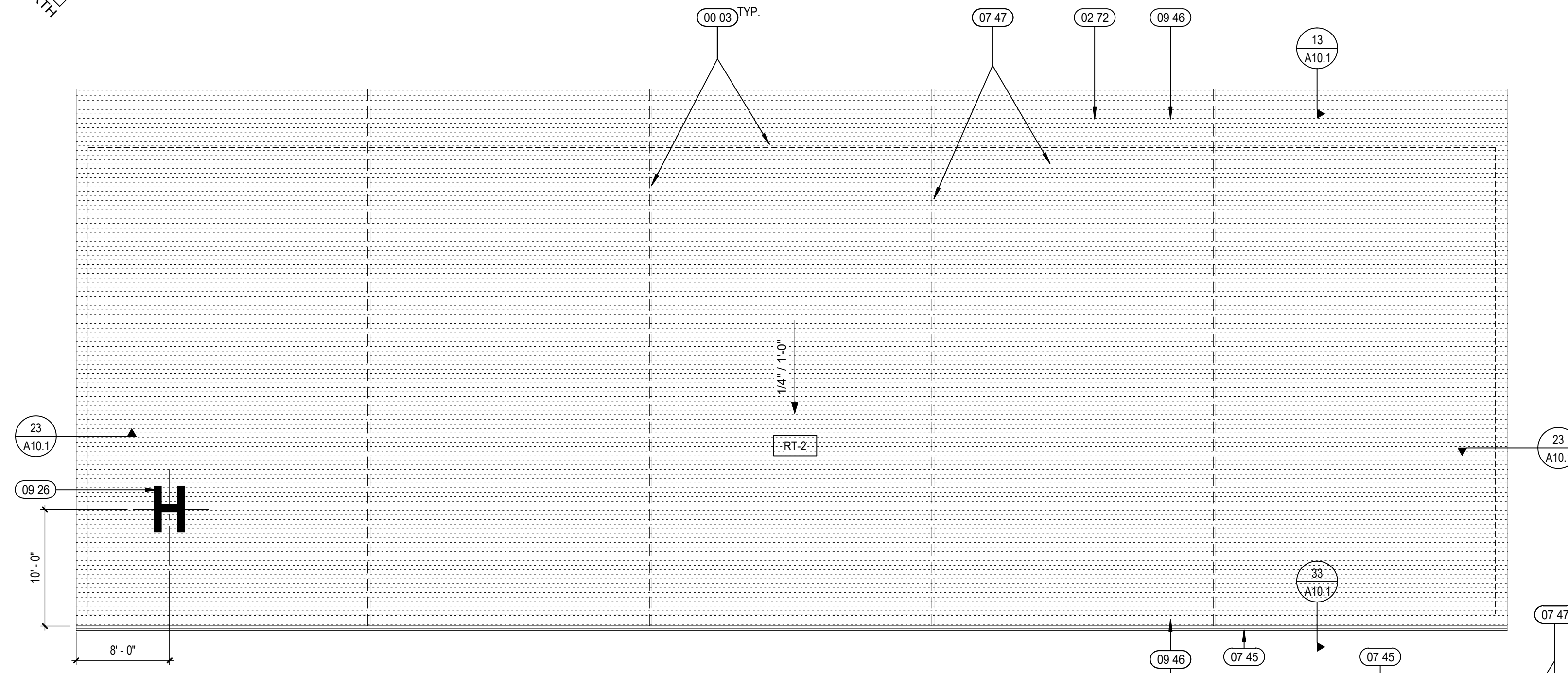
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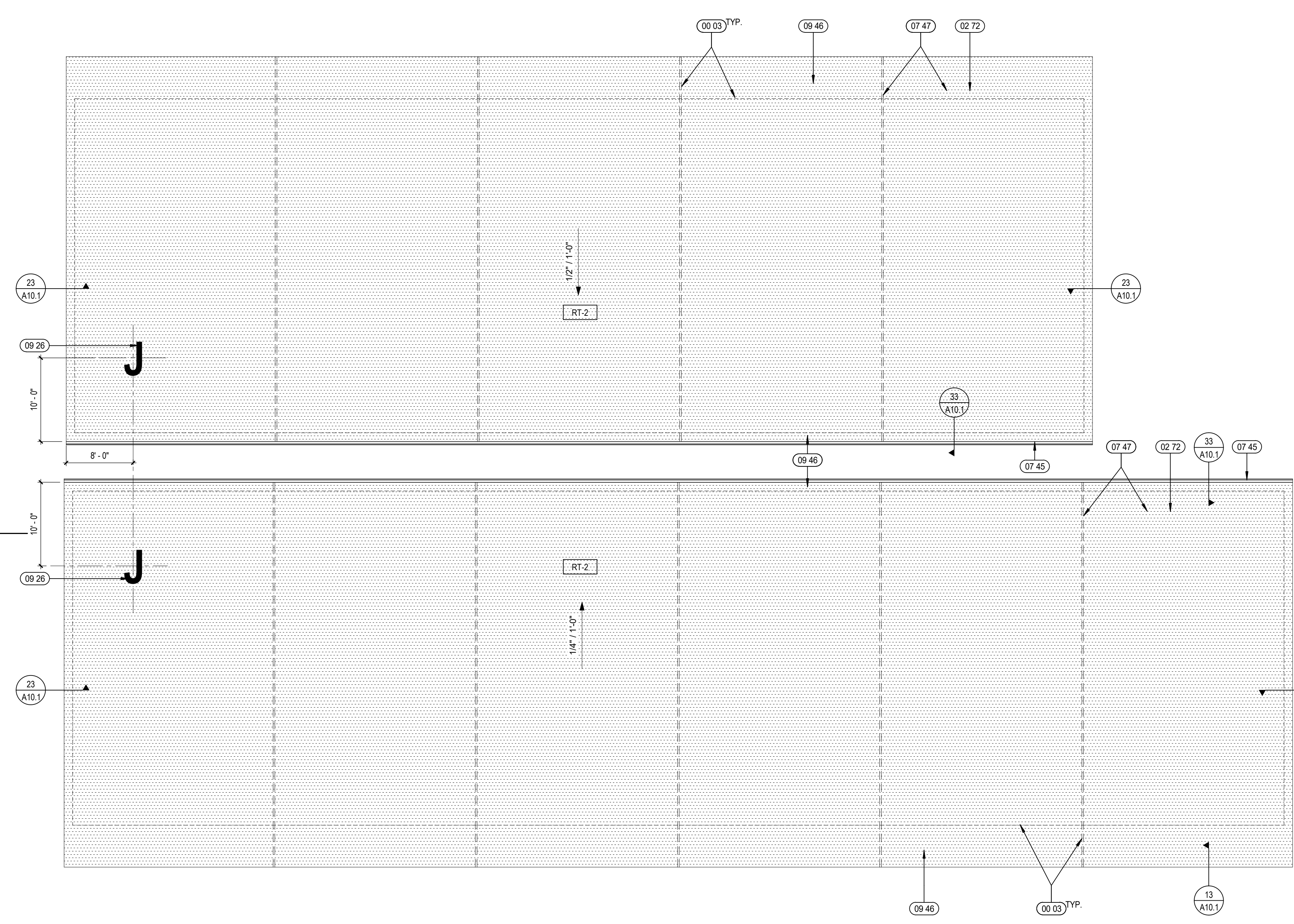
SEE ARCHITECTURAL SITE ROOF PLAN FOR CONTINUATION OF WALKWAY ROOF



21 BLDG G - ROOF
A1.G2 SCALE: 1/8" = 1'-0"



44 BLDG H - ROOF
A1.G2 SCALE: 1/8" = 1'-0"



24 BLDG J - ROOF
A1.G2 SCALE: 1/8" = 1'-0"

ROOF PLAN GENERAL NOTES

- A. ROOF PLAN GENERAL NOTES APPLY TO ALL ROOF PLAN SHEETS.
- B. ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION.
- C. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
- D. ALL ROOF CURBS TO BE A MINIMUM OF 8 INCHES ABOVE ROOFING LEVELS. FIELD VERIFY HEIGHT OF EXISTING ROOF CURBS TO REMAIN AND IF THEY DO NOT MEET 8 INCH HEIGHT, BUILD-UP AND EXTEND CURBS TO REQUIRED HEIGHT.
- E. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE DRAINAGE AROUND CURB.
- F. SEE STRUCTURAL DRAWINGS FOR FRAMING AROUND ROOF PENETRATIONS.
- G. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS DRAWING.
- H. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON DRAWINGS.
- I. NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0" EACH SIDE OF FIREWALL. SEE CODE PLAN FOR FIRE WALL LOCATIONS.
- J. ALL SPOT ELEVATIONS OF EXISTING CONDITIONS ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED IN FIELD.
- K. RF-2(C) INDICATES AREAS OF EXPECTED ZONOLITE CONCRETE FILL ABOVE STEEL DECK AS EXISTING ROOFING ASSEMBLY. ALL EXISTING ROOF DECKS TO BE FIELD VERIFIED BY CONTRACTOR.
- L. CONTRACTOR TO REMOVE (E) BUILT-UP ROOFING AT BUILDINGS G, H AND J. (E) ROOF DRAINS ARE TO REMAIN. UN, G, (E) ROOF TOP MECHANICAL IS TO REMAIN U.N.O.

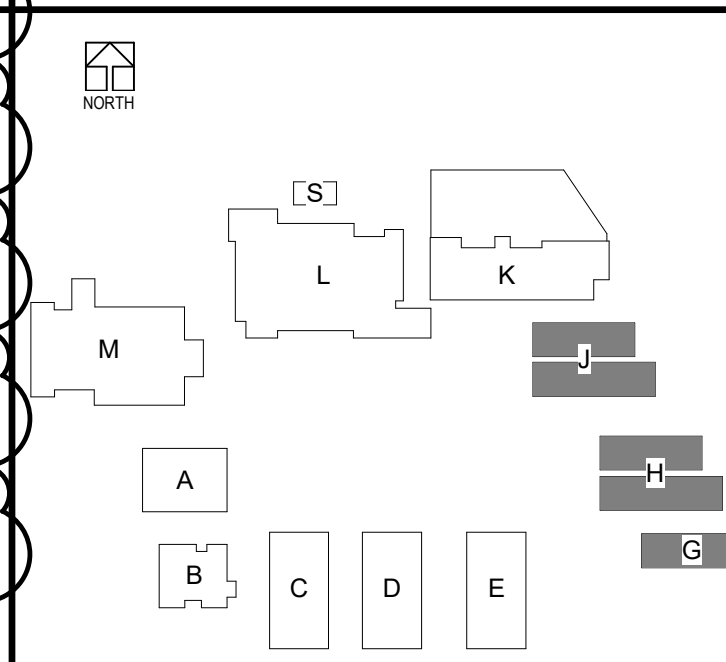
ROOF PLAN LEGEND

- (RF-1) (E) METAL ROOFING, PAINTED PER EXTERIOR ELEVATIONS.
- (RT-2) (A) OR (B) SINGLE PLY ROOFING, SEE DETAIL 26/A10.1.
- (N) TAPERED INSULATION, ATTACH PER DETAIL 31/A10.1.
- (E) ROOFTOP EXHAUST FAN & CURB, SEE 34/A10.1.
- ROOF WALKWAY PADS.

KEYNOTES

- 00 03 LINE OF STRUCTURE BELOW SHOWN DASHED
- 02 72 DEMO (E) ROOFING TO SUBSTRATE. PREPARE FOR (N) ROOFING
- 07 18 GSM SCUPPER
- 07 46 GUTTER
- 07 47 SINGLE PLY ROOFING SYSTEM. PROVIDE COVER AND OVERLAP OF ROOFING BETWEEN THE UNITS
- 09 15 NEW PAINT AT (E) METAL ROOFS
- 09 26 PAINT BUILDING LETTER IDENTIFICATION ON TPA MEMBRANE ROOFING. SIZE: 8'-0" TALL, FONT: ARIAL MFR, TREMCO (REPUBLIC RESTORATION SYSTEMS) ALPHAGUARD FLUID APPLIED ROOF SYSTEM. COLOR: MEDIUM GRAY.
- 09 46 REPAIR DRYROT SOFFIT IN KIND, TYP AT MODULAR BLDGS
- 22 03 ROOF DRAIN THROUGH SOFFIT TO (E) DOWNSPOUT
- 23 38 (E) ROOF TOP EXHAUST FAN AND CURB TO REMAIN. REROOF PER DETAIL 32/A10.1

KEY PLAN



ROOF PLAN - BLDGS G, H & J MODULARS
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Dunbar Ave, South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



3537 Johnson Ave.
 El Monte, CA 91731

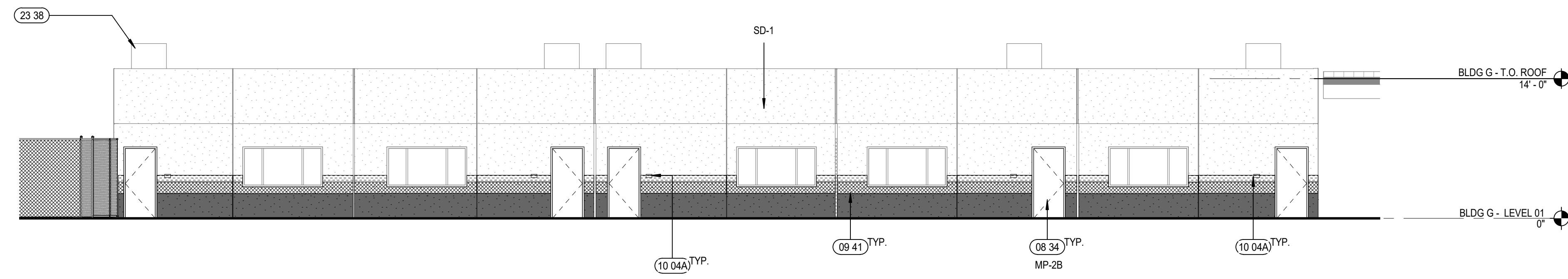
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 DSA APPL #03-122081
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A1.G2

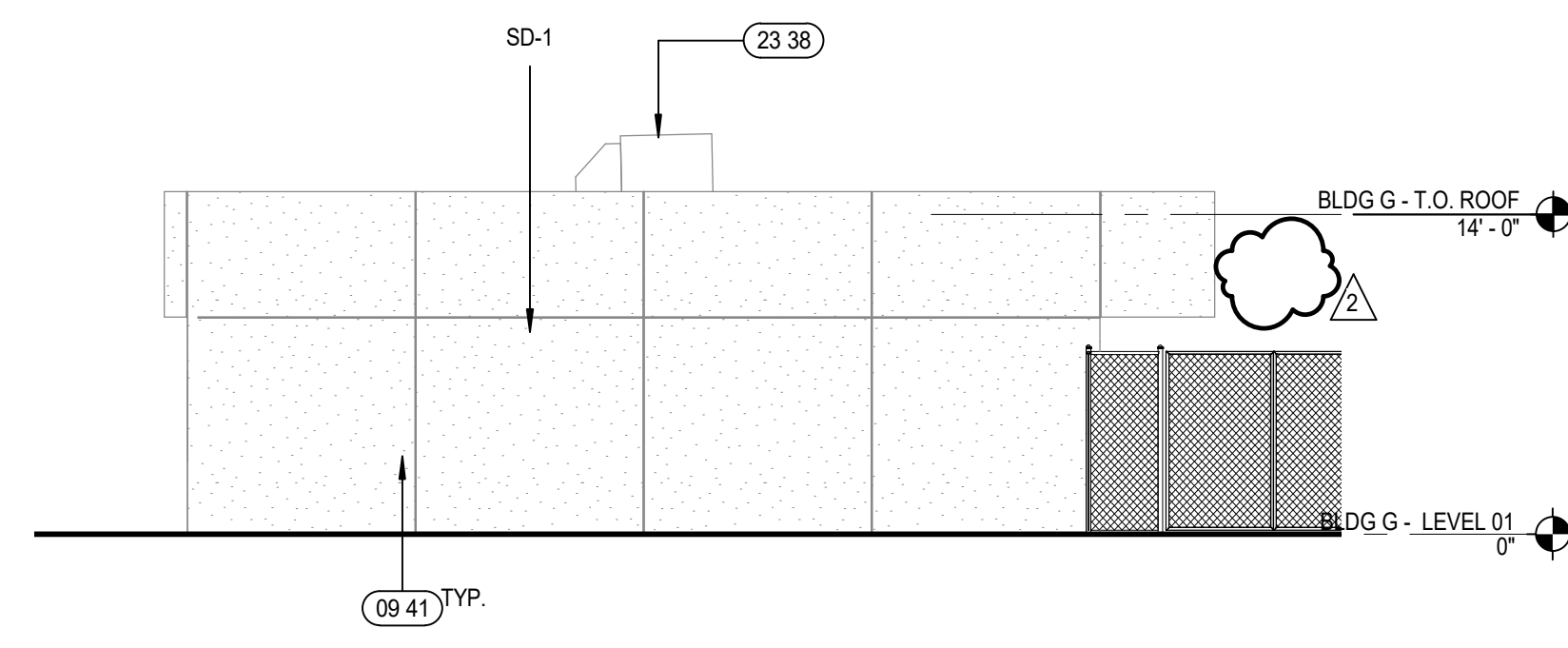
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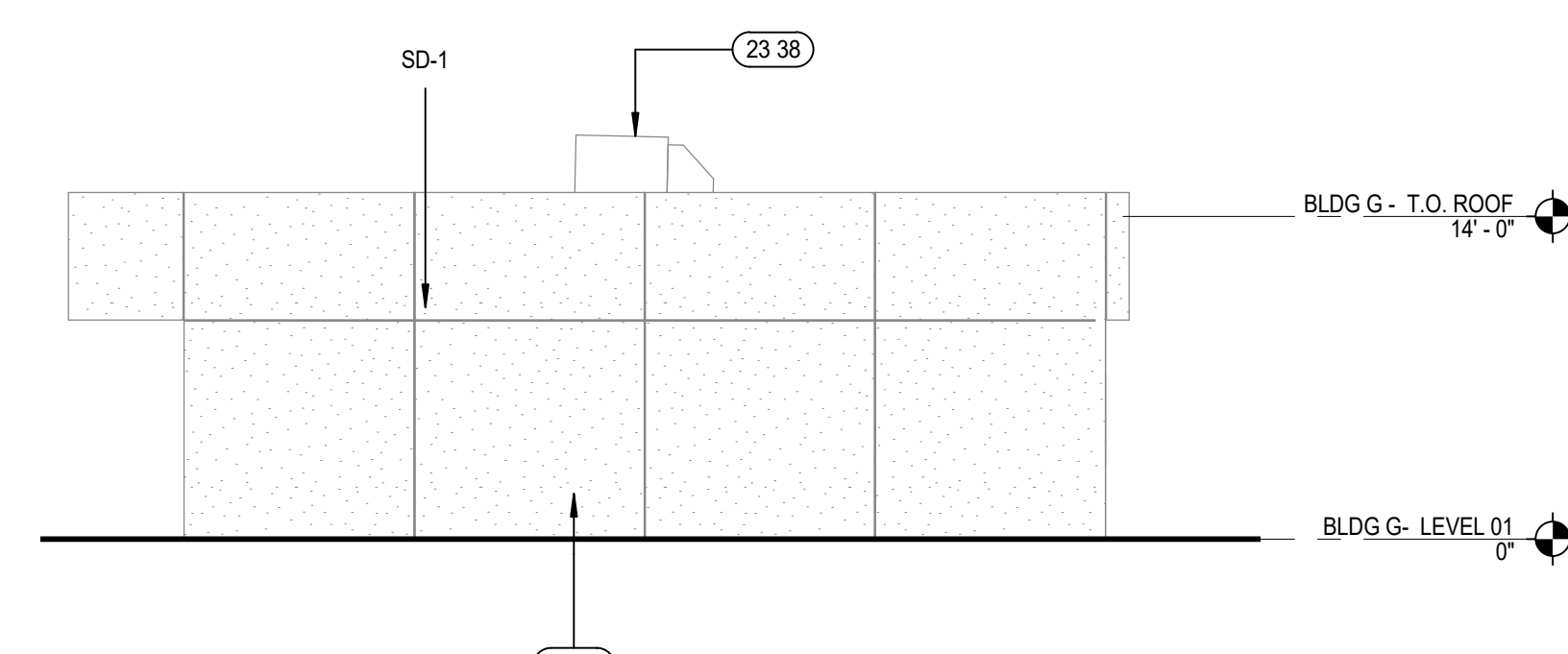
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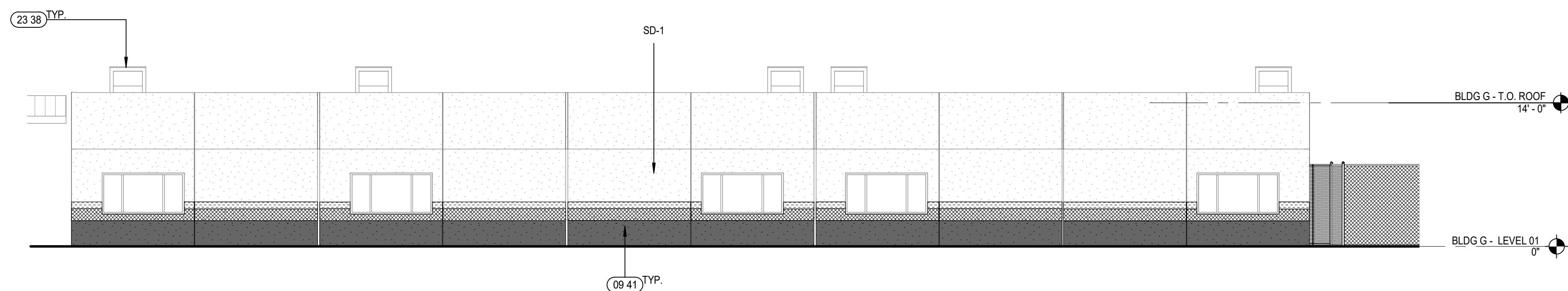
13 BLDG G - NORTH ELEVATION
A4.G1 / SCALE: 1/8" = 1'-0"



22 BLDG G - EAST ELEVATION
A4.G1 / SCALE: 1/8" = 1'-0"



24 BLDG G - WEST ELEVATION
A4.G1 / SCALE: 1/8" = 1'-0"



33 BLDG G - SOUTH ELEVATION
A4.G1 / SCALE: 1/8" = 1'-0"

KEYNOTES

- 08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
- 09 41 NEW PAINT AT (E) SIDING. SEE EXTERIOR ELEVATION FINISH LEGEND FOR COLORS
- 10 04A SIGNAGE. SEE SIGNAGE PLANS FOR DETAIL
- 23 38 (E) ROOF TOP EXHAUST FAN AND CURB TO REMAIN. REROOF PER DETAIL 32/A10.1

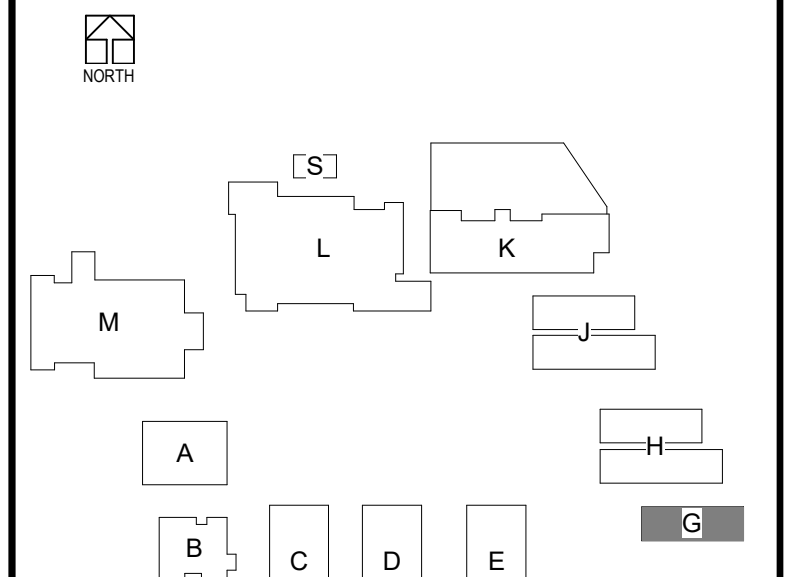
PORTABLE DEMO LEGEND

- PORTION OF DAMAGED SIDING TO BE REPLACED.
- NOTE: CONTRACTOR TO VERIFY EXTENT OF DRY ROT/ DAMAGE. NOTIFY ARCHITECT IMMEDIATELY IF ADDITIONAL DAMAGE FOUND THAT IS NOT NOTED IN THESE DRAWINGS

EXTERIOR ELEVATION FINISH LEGEND

- MP-1 METAL ROOF
COLOR: GREY - SEE SPEC SECTION 07 01 50 61
- MP-2X EXPOSED METAL, PAINTED
X = COLOR, SEE COLOR LEGEND
- MP - #A COLOR LEGEND:
A. DARK BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
- PL-1 EXTERIOR PLASTER - BASE COLOR
COLOR = LIGHT GRAY - MFR: ABCD
MFR: Dunn Edwards, Stagitz Silver DE1612
- PL-2X EXTERIOR PLASTER - ACCENT COLORS
X = COLOR, SEE PLASTER COLOR LEGEND
- PL - #A PLASTER COLOR LEGEND:
MFR: ABCD
A. NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
C. WHITE, Dunn Edwards, Coconut Grove DEHW03
- SD-1X SIDING
X = COLOR, SEE SIDING COLOR LEGEND
- SIDING COLOR LEGEND:
A. NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341
C. WHITE, Dunn Edwards, Coconut Grove DEHW03

KEY PLAN



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EXTERIOR ELEVATIONS - BLDG G
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91723

100% CDs
03/01/2022
Revision: Description
11/18/2022 ADDENDUM 2

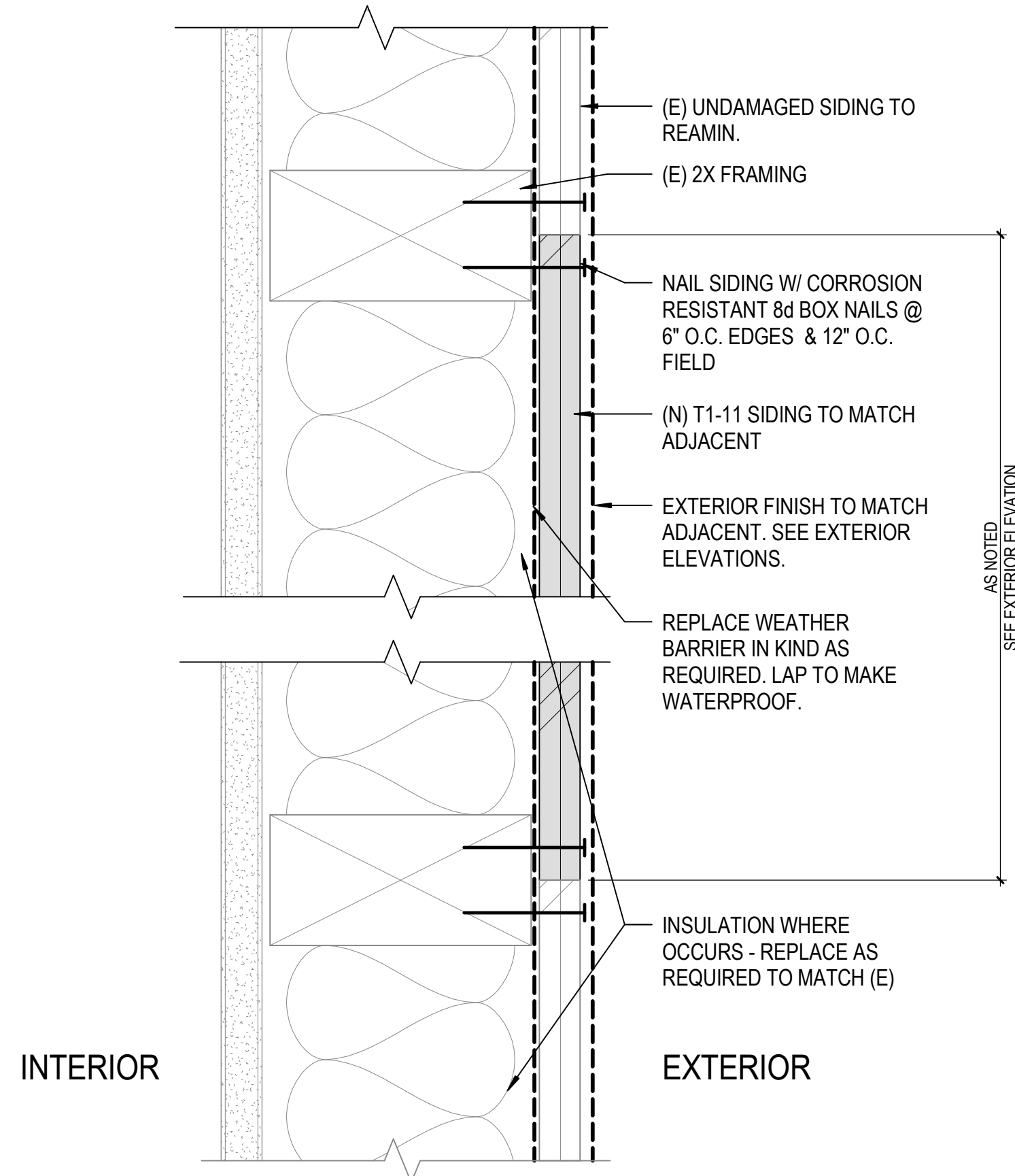


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PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

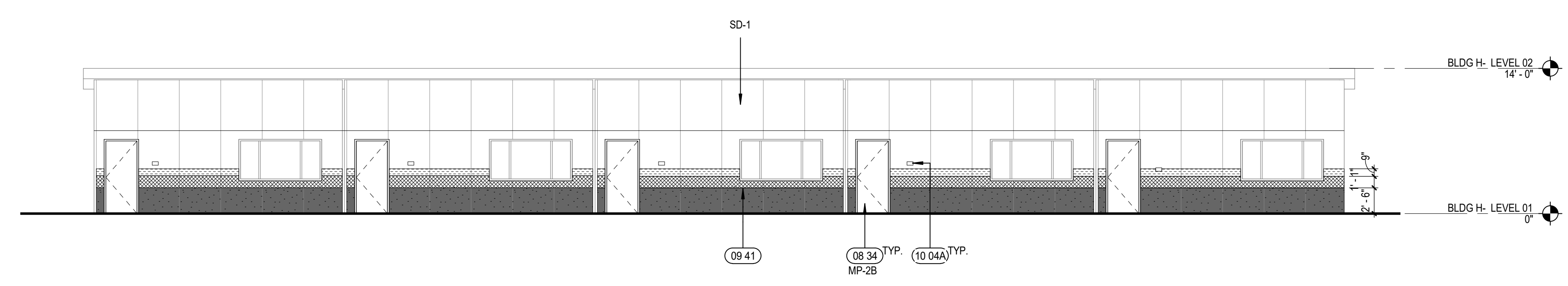
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ADDEND 11/18/22
UNIT 2

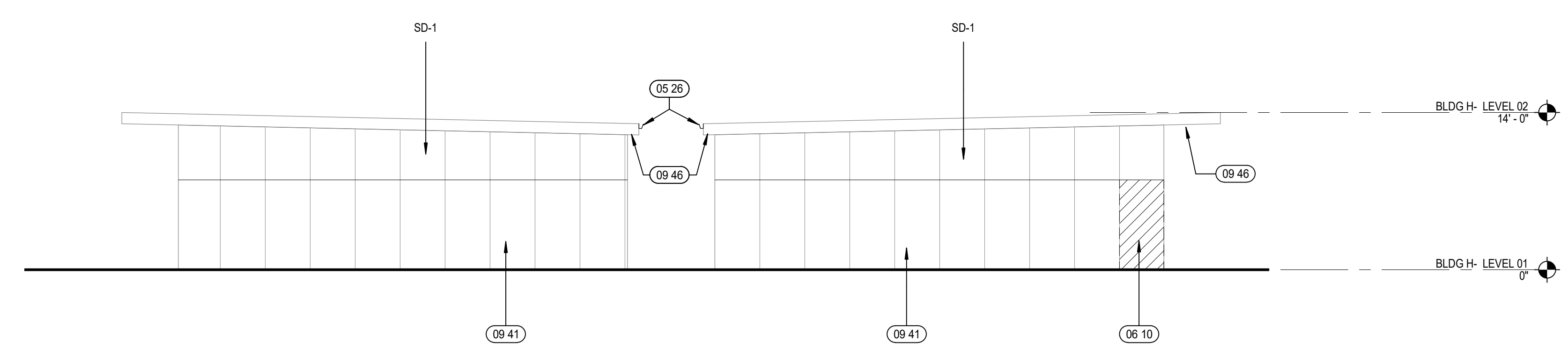
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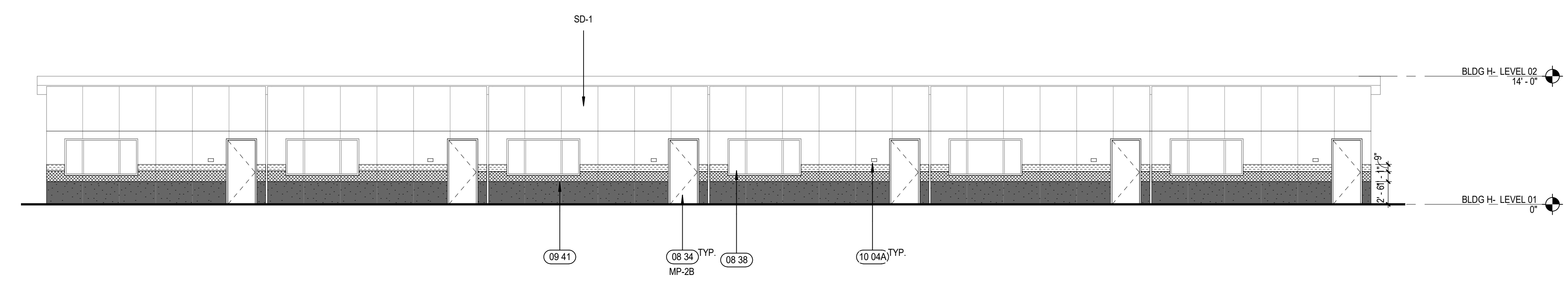
11 PORTABLE SIDING REPLACEMENT
A4.H1 / SCALE: 6" = 1'-0"



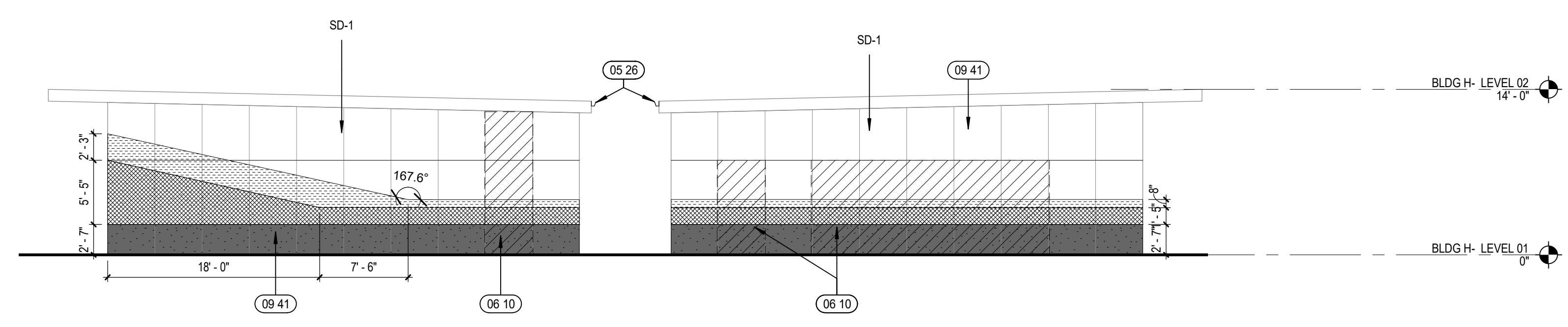
13 BLDG H - NORTH ELEVATION
A4.H1 / SCALE: 1/8" = 1'-0"



23 BLDG H - EAST ELEVATION
A4.H1 / SCALE: 1/8" = 1'-0"



33 BLDG H - SOUTH ELEVATION
A4.H1 / SCALE: 1/8" = 1'-0"



43 BLDG H - WEST ELEVATION
A4.H1 / SCALE: 1/8" = 1'-0"

KEYNOTES

- 05 26 GSM GUTTER, PAINTED
- 06 10 REPLACE FULL DAMAGED 4X8 PLYWOOD SIDING. REPAIR BLDG PAPER AS REQUIRED. PAINT TO MATCH ADJACENT. SEE DETAILS 11/44
- 08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
- 08 38 (E) EXTERIOR WINDOW TO REMAIN. PAINT FRAME NEW PAINT AT (E) SIDING. SEE EXTERIOR ELEVATION FINISH LEGEND FOR COLORS
- 09 41 REPAIR DRYROT SOFFIT IN KIND, TYP AT MODULAR
- 09 46 STORAGE. SEE SIGNAGE PLANS FOR DETAIL.

PORTABLE DEMO LEGEND

PORTION OF DAMAGED SIDING TO BE REPLACED.

NOTE: CONTRACTOR TO VERIFY EXTENT OF DRY ROT/ DAMAGE. NOTIFY ARCHITECT IMMEDIATELY IF ADDITIONAL DAMAGE FOUND THAT IS NOT NOTED IN THESE DRAWINGS

EXTERIOR ELEVATION FINISH LEGEND

MP-1 METAL ROOF
COLOR: GREY - SEE SPEC SECTION 07 01 50 61

MP-2X EXPOSED METAL, PAINTED
X = COLOR, SEE COLOR LEGEND

MP - #A COLOR LEGEND:
A. DARK BLUE, Dunn Edwards, Black River Falls DEA189
B. YELLOW, Dunn Edwards, Tuscan Sun DES341

PL-1 EXTERIOR PLASTER, BASE COLOR
COLOR = LIGHT GRAY - MFR: ABCD
MFR: Dunn Edwards, Stagitz Silver DE1612

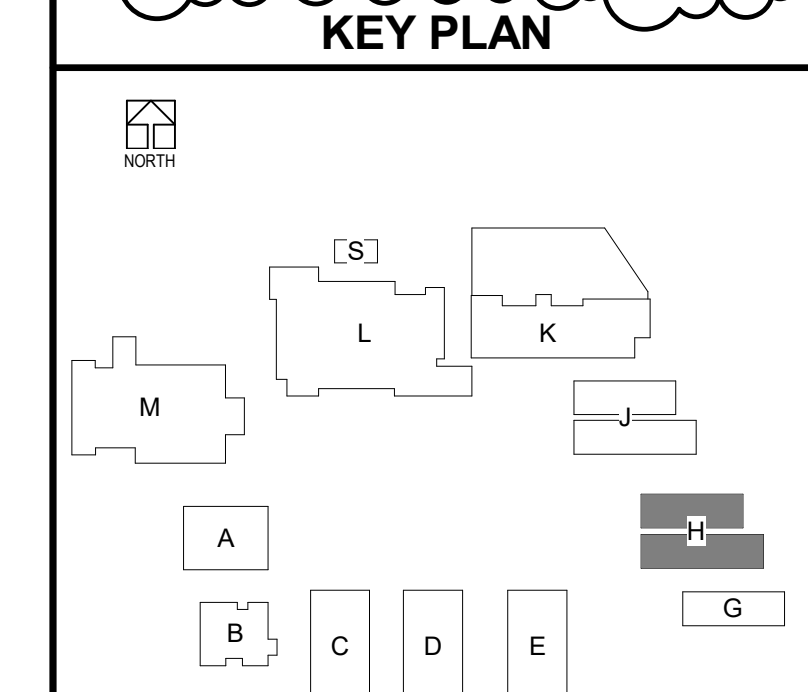
PL-2X EXTERIOR PLASTER - ACCENT COLORS
X = COLOR, SEE PLASTER COLOR LEGEND

PL - #A PLASTER COLOR LEGEND:
MFR: ABCD

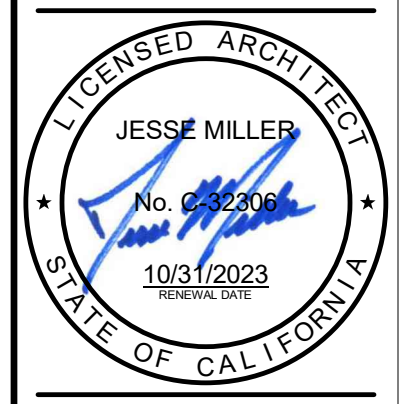
A. NAVY BLUE Dunn Edwards, Black River Falls DEA189
B. YELLOW Dunn Edwards, Tuscan Sun DES341
C. WHITE Dunn Edwards, Coconut Grove DEHW03

SD-1X SIDING
X = COLOR, SEE SIDING COLOR LEGEND

SIDING COLOR LEGEND:
A. NAVY BLUE Dunn Edwards, Black River Falls DEA189
B. YELLOW Dunn Edwards, Tuscan Sun DES341
C. WHITE Dunn Edwards, Coconut Grove DEHW03



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EXTERIOR ELEVATIONS - BLDG H
South El Monte HS Modernization
El Monte Union High School District
1001 Dunfee Ave, South El Monte, CA 91733

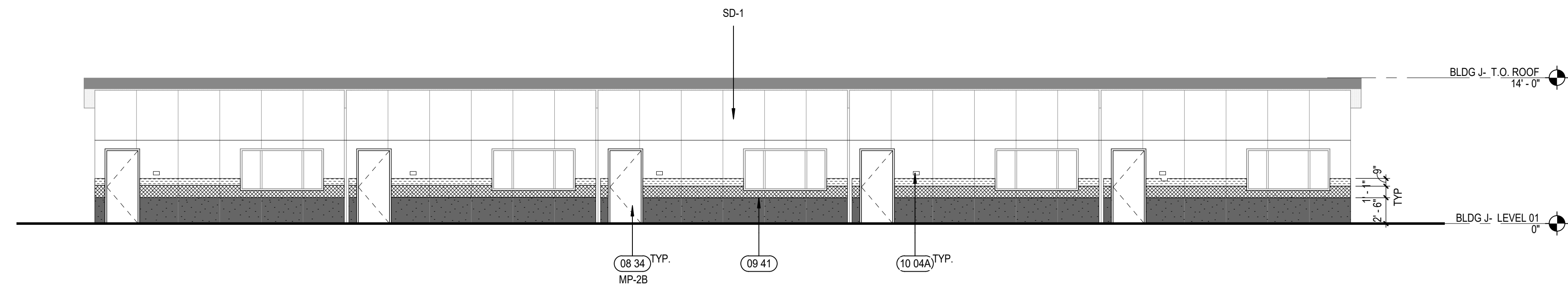
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03/01/2022
Revision Description
11/18/2022 ADDENDUM 2



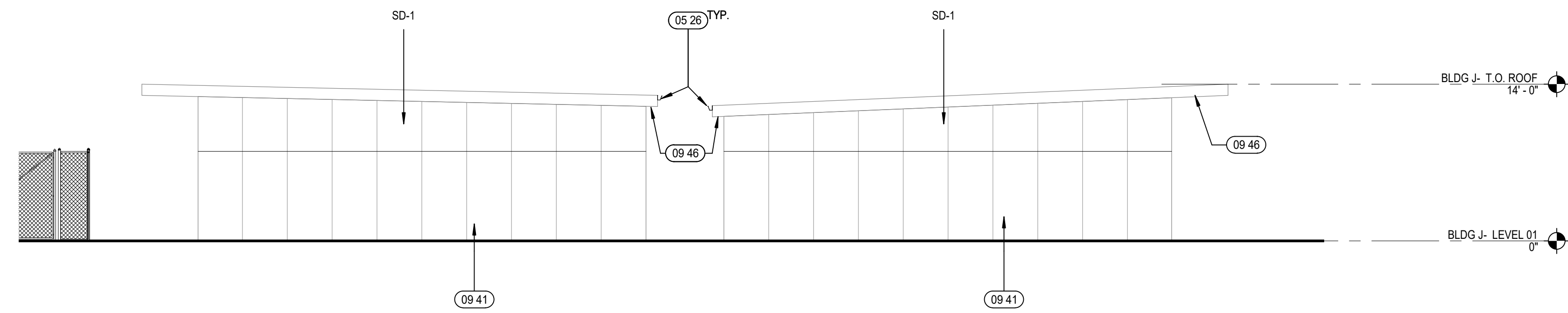
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A4.H1

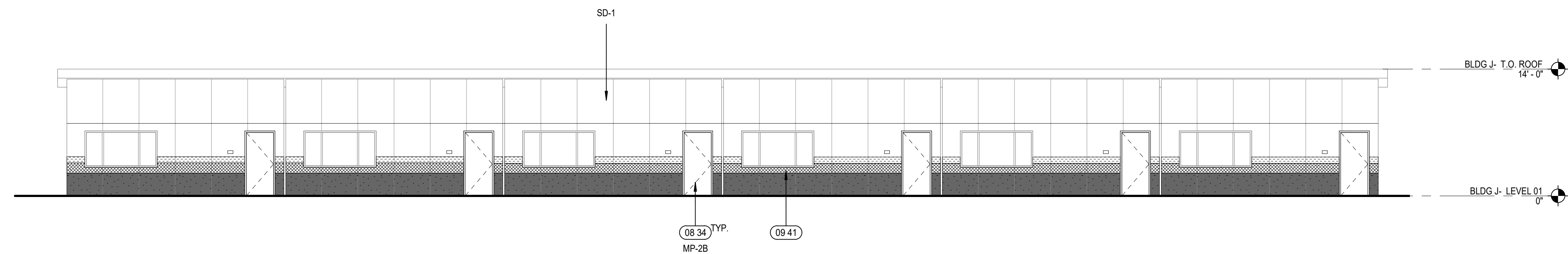
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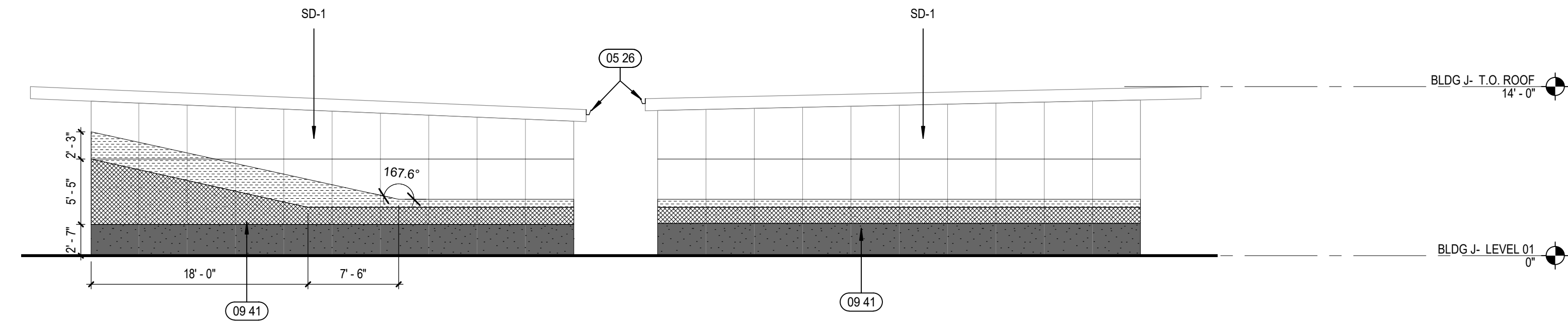
13 BLDG J - NORTH ELEVATION
A4.J1 SCALE: 1/8" = 1'-0"



23 BLDG J - EAST ELEVATION
A4.J1 SCALE: 1/8" = 1'-0"



33 BLDG J - SOUTH ELEVATION
A4.J1 SCALE: 1/8" = 1'-0"



43 BLDG J - WEST ELEVATION
A4.J1 SCALE: 1/8" = 1'-0"

KEYNOTES

08 31	GSM GUTTER, PAINT TO MATCH FASCIA
08 34	NEW/REPLACED DOOR AND FRAME, SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
09 41	NEW PAINT AT (E) SIDING, SEE EXTERIOR ELEVATION FINISH LEGEND FOR COLORS
09 46	REPAIR DRYROT SOFFIT IN KIND, TYP AT MODULAR BLDGS
10 04A	SIGNAGE, SEE SIGNAGE PLANS FOR DETAIL

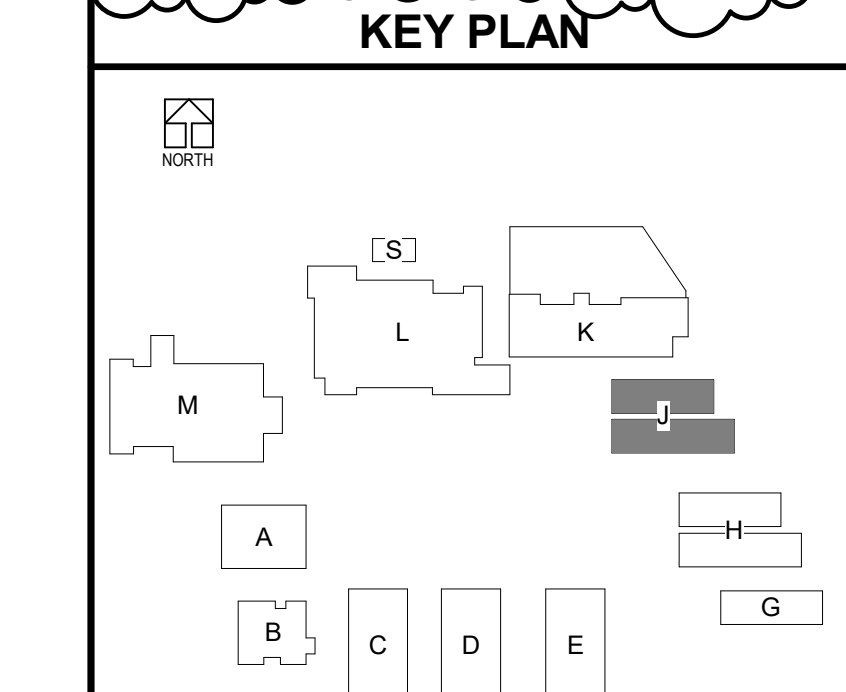
PORTABLE DEMO LEGEND

[Hatched Pattern]	PORTION OF DAMAGED SIDING TO BE REPLACED.
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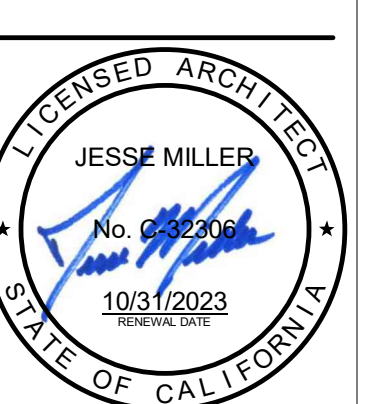
NOTE: CONTRACTOR TO VERIFY EXTENT OF DRY ROT/ DAMAGE. NOTIFY ARCHITECT IMMEDIATELY IF ADDITIONAL DAMAGE FOUND THAT IS NOT NOTED IN THESE DRAWINGS

EXTERIOR ELEVATION FINISH LEGEND

[Metal Roof Symbol]	METAL ROOF COLOR, GREY - SEE SPEC SECTION 07 01 50 61
[Exposed Metal Symbol]	MP-2X EXPOSED METAL, PAINTED X = COLOR, SEE COLOR LEGEND
MP - #A COLOR LEGEND: A. DARK BLUE, Dunn Edwards, Black River Falls DEA189 B. YELLOW, Dunn Edwards, Tuscan Sun DES341	
[Plaster Symbol]	PL-1 EXTERIOR PLASTER, BASE COLOR COLOR = LIGHT GRAY - MFR: ABCD MFR: Dunn Edwards, Stagitz Silver DE1612
[Plaster Symbol]	PL-2X EXTERIOR PLASTER - ACCENT COLORS X = COLOR, SEE PLASTER COLOR LEGEND
PL - #A PLASTER COLOR LEGEND: MFR: ABCD A. NAVY BLUE, Dunn Edwards, Black River Falls DEA189 B. YELLOW, Dunn Edwards, Tuscan Sun DES341 C. WHITE, Dunn Edwards, Coconut Grove DEHW03	
[Siding Symbol]	SD-1X SIDING X = COLOR, SEE SIDING COLOR LEGEND
SIDING COLOR LEGEND: A. NAVY BLUE, Dunn Edwards, Black River Falls DEA189 B. YELLOW, Dunn Edwards, Tuscan Sun DES341 C. WHITE, Dunn Edwards, Coconut Grove DEHW03	



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EXTERIOR ELEVATIONS - BLDG J
South El Monte HS Modernization
El Monte Union High School District
1001 Dunfee Ave, South El Monte, CA 91733

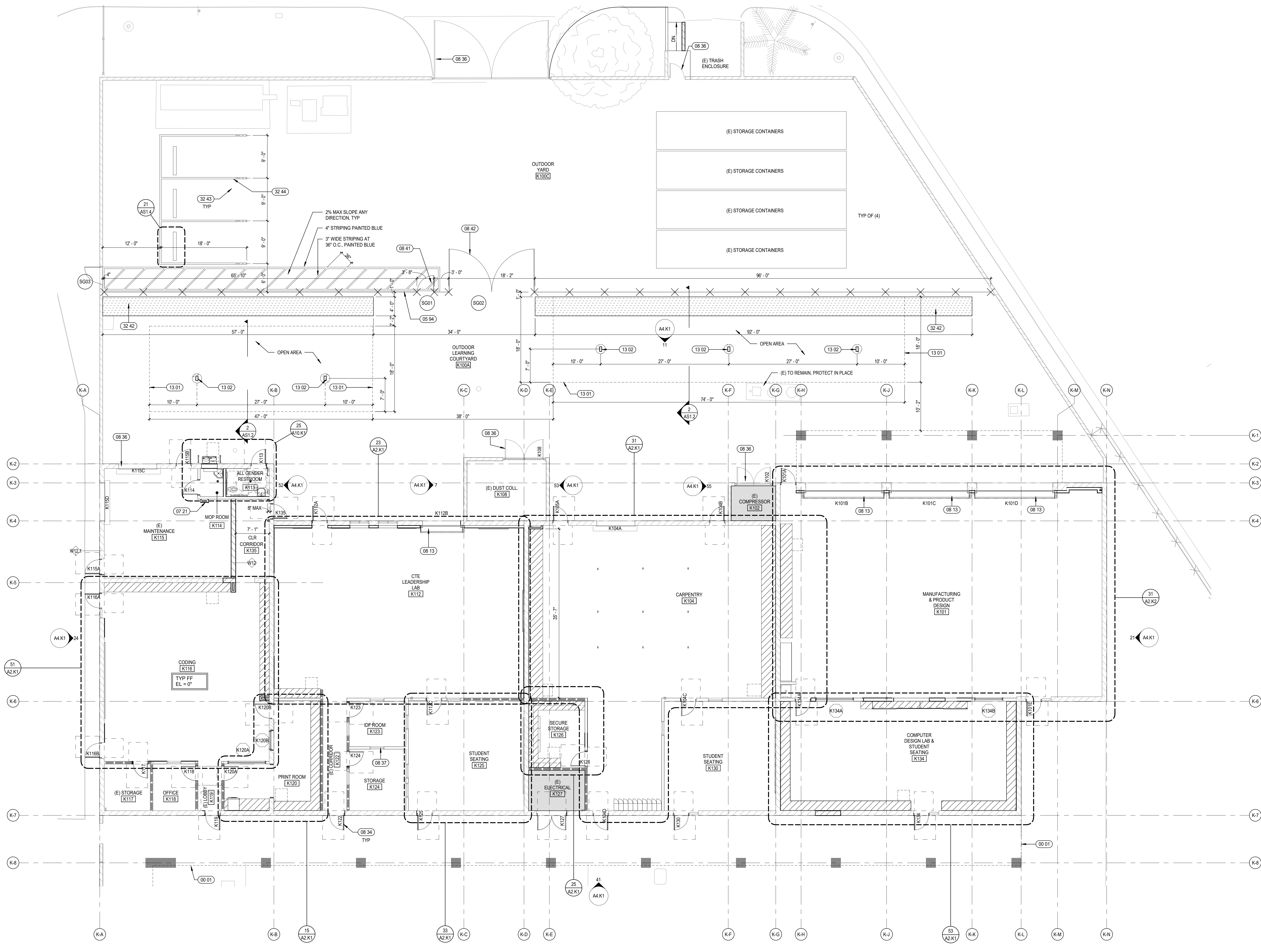
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03/01/2022
Date Description
11/18/2022 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

A4.J1

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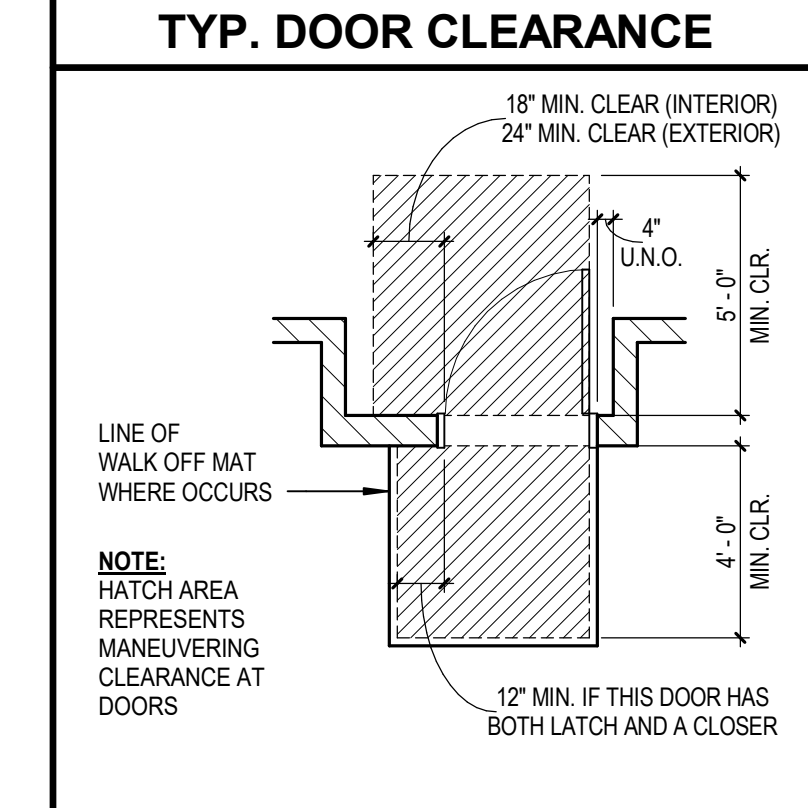


KEYNOTES

00 01	LINE OF ROOF OVERHANG ABOVE SHOWN DASHED
05 94	8" H CHAIN LINK FENCE, PAINT BLACK, SEE DET.
25/A1.1	ROOF ACCESS LADDER
07 21	NEW/REPLACED DOOR AND FRAME, SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A8.2 & A8.3
08 13	(E) INTERIOR WINDOW TO REMAIN
08 36	NEW CHAIN LINK MAN GATE, SEE GATE SCHEDULE ON SHEET AS1.4 & DETAIL 55/AS1.4
08 37	NEW CHAIN LINK GATE, SEE GATE SCHEDULE ON SHEET AS1.4 & DETAIL 45/AS1.4
08 41	CANOPY STRUCTURE EDGE OF ROOF, SEE CANOPY STRUCTURE DRAWINGS
08 42	CANOPY STRUCTURE COLUMN AND FOOTING
13 01	(N) LANDSCAPING
13 02	(N) PARKING SPACES FOR MAINTENANCE
32 42	CARSTRUCKS
32 43	(N) 4" WIDE PARKING STALL STRIPING
32 44	(N) 4" WIDE PARKING STALL STRIPING

GENERAL NOTES

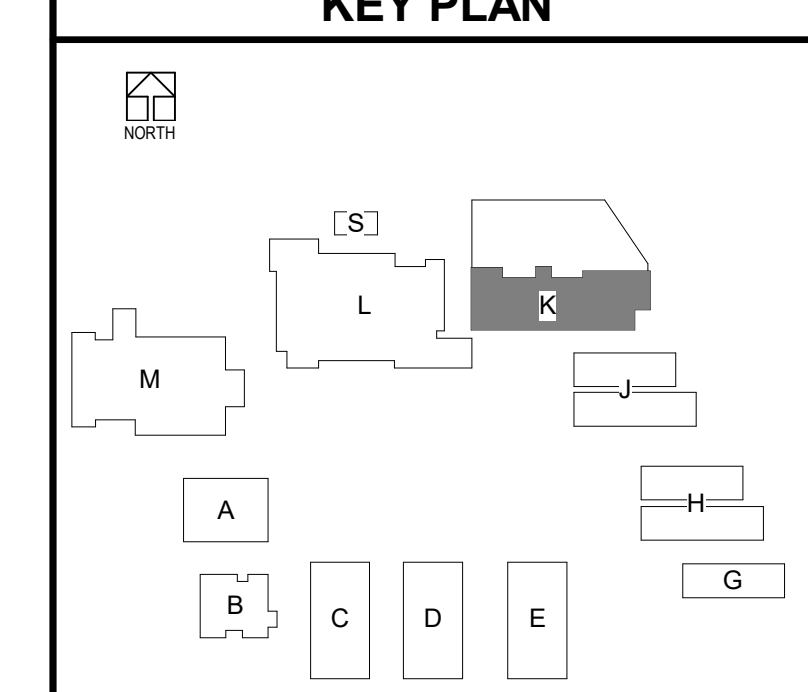
A. GENERAL NOTES APPLY TO ALL SHEETS.
 B. DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
 C. INCLUDE ALL OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND SHALL COORDINATE WITH THE OWNER TO ACCOMMODATE THESE ITEMS.
 D. COORDINATE ALL MECHANICAL CHASE SIZES WITH THE MECHANICAL CONTRACTOR.
 E. ARCHITECTURAL FINISH FLOOR ELEVATION 0'-0".
 F. SEE FLOOR & CODE PLANS FOR LOCATION OF WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION. ALL WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
 G. ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH PENETRATION FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTANCE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 070413.
 H. COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS SHOWN ON PLANS.
 I. FIRE-RESISTANCE-RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL.
 J. CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY. SEE DRAWING FOR QUANTITIES AND LOCATION OF WORK. SEE SPECIFICATIONS FOR QUALITIES AND CONDITIONS OF WORK.
 K. WORK: ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED, BUT NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED AND INDICATED IN THE CONTRACTOR'S BID.
 L. GENERAL SHEET NOTES ONLY APPLY TO PARTICULAR DRAWING OR SERIES OF DRAWINGS.
 M. NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT.
 N. DO NOT SCALE DRAWINGS. DIMENSIONS NOTED PREVAIL. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.
 O. HORIZONTAL AND VERTICAL DIMENSIONS ARE MINIMUM DIMENSIONS. CLEARANCES ARE GIVEN TO FINISH SURFACES. GO TO VERIFY ALL CLEARANCES. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.



FLOOR PLAN LEGEND

[Symbol]	MINIMAL INTERIOR ARCHITECTURAL WORK
[Symbol]	(E) STUD WALL
[Symbol]	(E) C.M.U. WALL
[Symbol]	(E) 1HR RATED WALL
[Symbol]	(E) 2HR RATED WALL
[Symbol]	(N) OR INFILL STUD WALL SEE 42/A11.5 FOR INFILL WALL
[Symbol]	INFILL 1HR RATED WALL
[Symbol]	(N) DOOR
[Symbol]	(N) CASEWORK, SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO

NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.



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FLOOR PLAN AND PARTIAL SITE - BLDG K CTE
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91733

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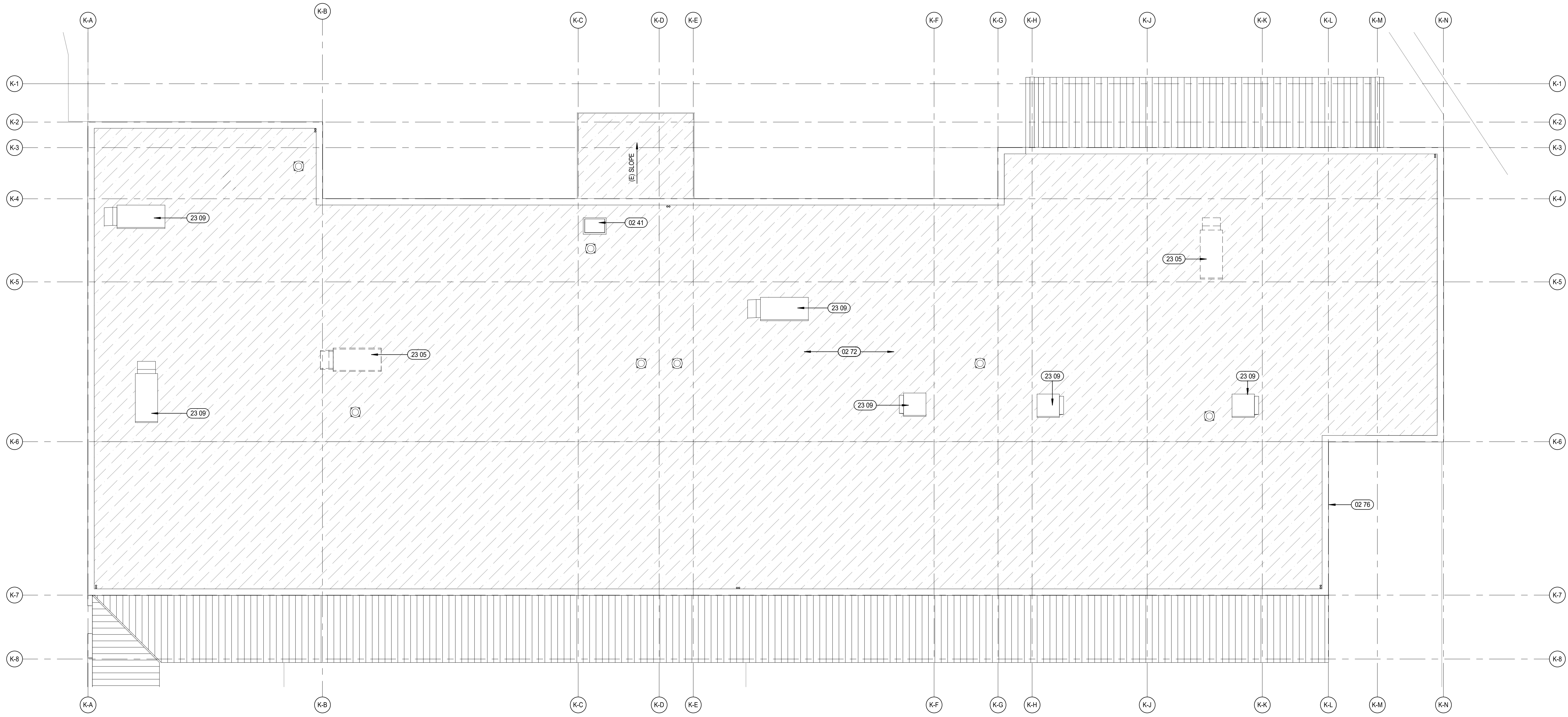


PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

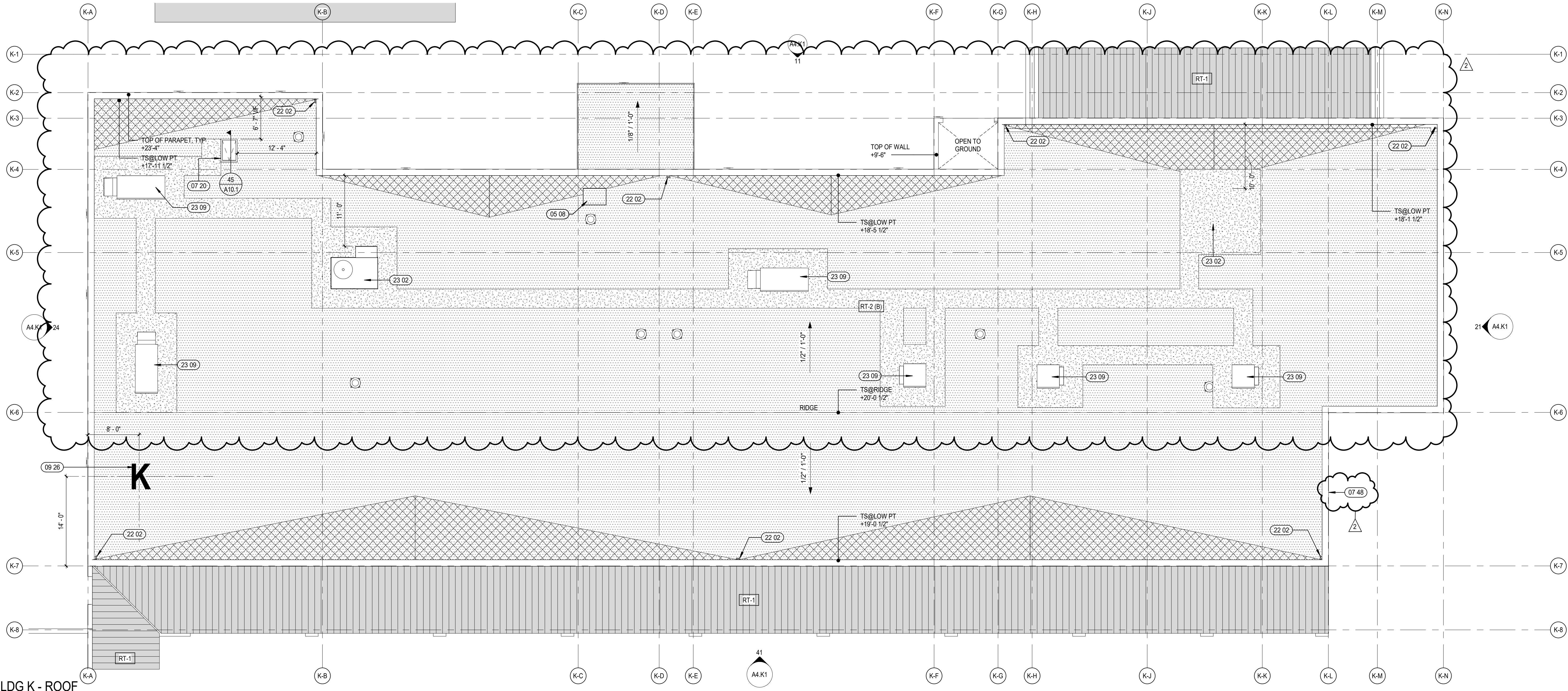
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A1.K1



1 DEMO - BLDG K - ROOF
SCALE: 1/8" = 1'-0"



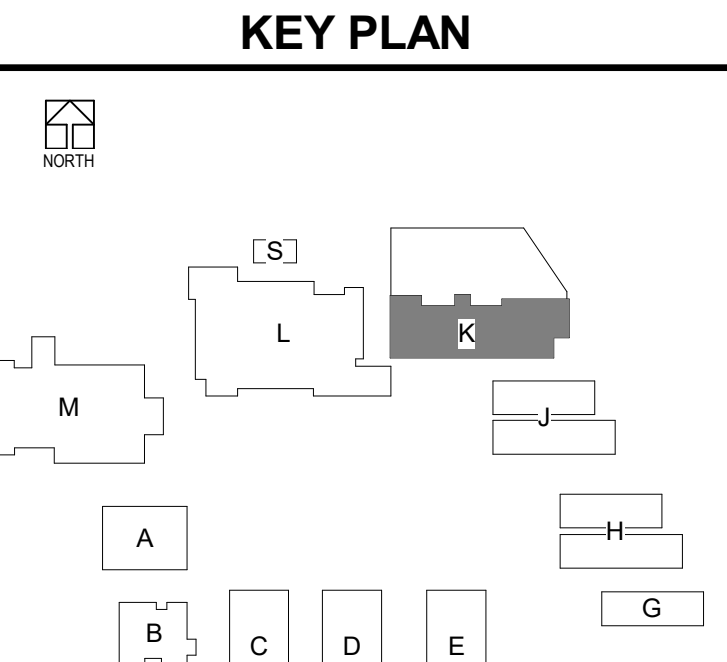
2 BLDG K - ROOF
SCALE: 1/8" = 1'-0"

- KEYNOTES**
- 02 41 DEMO (E) ROOF HATCH
 - 02 72 DEMO (E) ROOFING TO SUBSTRATE. PREPARE FOR (N) ROOFING
 - 02 76 DEMO (E) ROOF FLASHING, COPING AND RELATED ACCESSORIES IN PREPARATION FOR NEW ROOF U.N.O.
 - 05 08 PATCH METAL DECKING AT REMOVED ROOF HATCH OR MECHANICAL UNIT. SEE STRUCTURAL.
 - 07 20 ROOF ACCESSORY: ROOF HATCH 30" x 36"
 - 07 48 (N) COPING CAP, TYP - REFER TO DETAIL 31A10.1
 - 09 26 PAINT BUILDING LETTER IDENTIFICATION ON TPA MEMBRANE ROOFING. SIZE: 8" O" TALL, FONT: ARIAL, MFR: TREMCO (REPUBLIC RESTORATION SYSTEMS) ALPHAGUARD FLUID APPLIED ROOF SYSTEM, COLOR: MEDIUM GRAY.
 - (E) ROOF & OVERFLOW ROOF DRAIN. SEE DETAIL 33A10.1
 - 22 02 NEW ROOFTOP MECHANICAL UNIT, SEE M0.02 MECHANICAL SCHEDULE
 - 23 05 DEMOLISH (E) ROOF TOP MECHANICAL UNIT. SEE M0.02S. INSTALL ROOFTOP ASSEMBLY AND STRUCTURAL SHEATHING AS REQUIRED.
 - 23 09 (E) ROOF TOP MECHANICAL UNIT AND CURB TO REMAIN. REROOF PER DETAIL 31A10.1

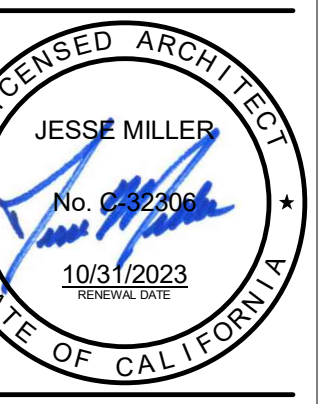
- ROOF PLAN GENERAL NOTES**
- A. ROOF PLAN GENERAL NOTES APPLY TO ALL ROOF PLAN SHEETS.
 - B. ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER PAPER INSULATION.
 - C. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
 - D. ALL ROOF CURBS TO BE A MINIMUM OF 8 INCHES ABOVE ROOFING LEVELS. FIELD VERIFY HEIGHT OF EXISTING ROOF CURBS TO REMAIN AND IF THEY DO NOT MEET 8 INCH HEIGHT, BUILD-UP AND EXTEND CURBS TO REQUIRED HEIGHT.
 - E. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE DRAINAGE AROUND CURB.
 - F. SEE STRUCTURAL DRAWINGS FOR FRAMING AROUND ROOF PENETRATIONS.
 - G. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS DRAWING.
 - H. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON DRAWINGS.
 - I. NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0" EACH SIDE OF FIREWALL. SEE CODE PLAN FOR FIRE WALL LOCATIONS.
 - J. ALL SPOT ELEVATIONS OF EXISTING CONDITIONS ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED IN FIELD.
 - K. RT-2(C) INDICATES AREAS OF EXPECTED CONCRETE CONCRETE FILL ABOVE STEEL DECK AS EXISTING ROOFING ASSEMBLY. ALL EXISTING ROOF DECKS TO BE FIELD VERIFIED BY CONTRACTOR.
 - L. CONTRACTOR TO REMOVE (E) BUILT-UP ROOFING AT BUILDINGS G, H AND J. (E) ROOF DRAINS ARE TO REMAIN. U.N.O., (E) ROOF TOP MECHANICAL IS TO REMAIN U.N.O.

- DEMO ROOF PLAN LEGEND**
- (E) BUILT UP TO BE DEMOLISHED AND REMOVED
 - (E) ROOF ACCESS HATCH TO REMAIN U.N.O.
 - (E) ROOF DRAIN AND OVERFLOW TO REMAIN U.N.O.
 - (E) ROOF TOP MECHANICAL UNIT OR EXHAUST FAN TO BE DEMOLISHED. SEE MECHICAL SHEETS.

- ROOF PLAN LEGEND**
- (E) METAL ROOFING. PAINTED PER EXTERIOR ELEVATIONS
 - (A) OR (B) SINGLE PLY ROOFING, SEE DETAIL 28A10.1
 - (N) TAPERED INSULATION. ATTACH PER DETAIL 31A10.1
 - (E) ROOFTOP EXHAUST FAN & CURB. SEE 34A10.1
 - ROOF WALKWAY PADS

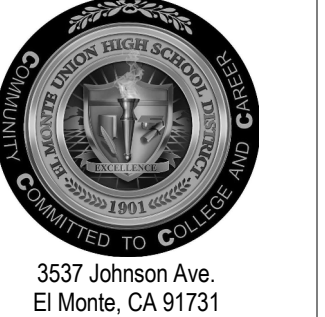


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ROOF PLAN - DEMO AND NEW - BLDG K CTE
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El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

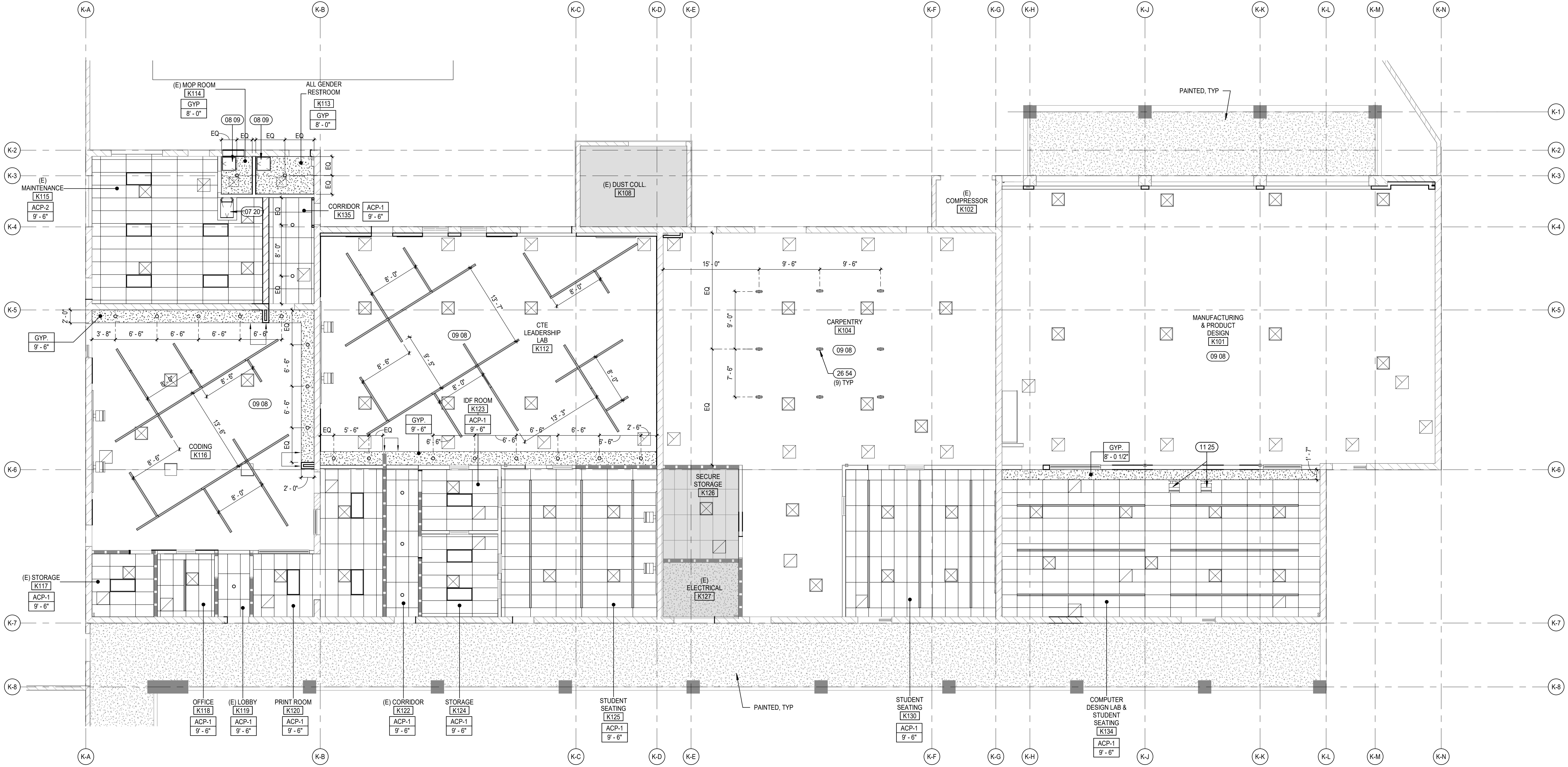
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03/01/2022
Revisions:
Date Description
11/18/2022 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

A1.K2

ADDEND 11/18/2022 UNIT 2
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BLDG K - RCP - LEVEL 01
SCALE: 1/8" = 1'-0"

KEYNOTES	
07 20	ROOF ACCESSORY: ROOF HATCH 30" X 36" SEE 45A10.1
08 09	CLING ACCESS PANEL 30"X30" UNO (20"X30" IN SCAFF. SEE DET 14A11.12)
09 08	UNDERSIDE OF OPEN CEILING AND EXPOSED STRUCTURAL ITEMS 10'-0" AFF. TO BE PAINTED WITH PB, INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ITEMS
11 25	OFFICE WALL-MOUNTED SHORT THROW PROJECTOR. SEE DET 31A11.5 SEE E3 X AND E4 X SERIES FOR POWER AND AV INFRASTRUCTURE
26 54	OVER HEAD POWER HEAD REELS. SEE E DRAWINGS. SEE 3E4.01 FOR ATTACHMENT

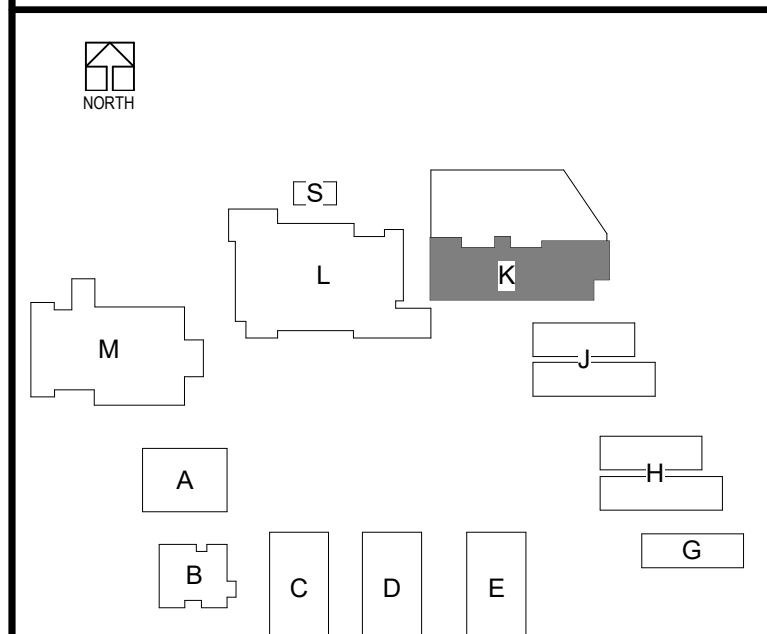
REFLECTED CEILING PLAN GENERAL NOTES

- A. REFLECTED CEILING PLAN GENERAL NOTES APPLY TO ALL REFLECTED CEILING PLAN SHEETS.
- B. ALL CEILING GRIDSPANELS SHALL BE CENTERED IN EACH ROOM UNLESS NOTED OTHERWISE.
- C. CEILING HEIGHTS ARE NOTED ON THE REFLECTED CEILING PLANS ARE MEASURED FROM THE FINISH FLOOR OF THE ROOM.
- D. ALL ELECTRICAL FIXTURES, SPEAKERS, SMOKE AND THERMAL DETECTORS, MECHANICAL GRILLES, SPRINKLER HEADS AND OTHER CEILING MOUNTED DEVICES, SHALL BE CENTERED BETWEEN CEILING GRIDS UNLESS NOTED OTHERWISE. SPRINKLER HEADS SHALL BE WITHIN A 3-INCH RADIUS CENTERED BETWEEN CEILING GRIDS.
- E. IN ACOUSTICAL CEILING PANELS WITH SCORE IN THE CENTER, CENTER DEVICES REFERENCE IN NOTE D IN ONE HALF OF THE TILE. DO NOT LOCATE ON THE SCORE. FOR APC WITH MULTIPLE SCORED PATTERNS, COORDINATE LOCATION WITH THE ARCHITECT.
- F. PROVIDE SUSPENSION SYSTEM AROUND ELECTRICAL FIXTURES, MECHANICAL GRILLES, DIFFUSERS, AND OTHER CEILING MOUNTED DEVICES. AT ACOUSTICAL PANEL CEILINGS.
- G. ALL DIMENSIONS ON REFLECTED CEILING PLANS ARE ACTUAL AND ARE TO THE FOLLOWING UNLESS NOTED OTHERWISE:
 - a. FACE OF FINISHED WALL
 - b. FACE OF FINISHED BULKHEADS
 - c. CENTERLINE OF COLUMNS
 - d. CENTERLINE OF TEES
- H. IN AREAS WITH EXPOSED STRUCTURE CEILINGS, COORDINATE EXACT LOCATIONS OF MECHANICAL GRILLES, DIFFUSERS, DUCTWORK AND ELECTRICAL FIXTURES WITH EACH REPRESENTATIVE SUBCONTRACTOR.
- I. ALL WALLS EXTEND TO UNDERSIDE OF DECK EXCEPT THOSE SHOWN SHADED IN WHICH GYPSUM BOARD OR MASONRY EXTENDS MIN 4 INCHES ABOVE FINISHED CEILING. ALL METAL STUDS EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK.
- J. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EXACT QUANTITIES, TYPES, AND LOCATIONS OF LIGHTING FIXTURES, HVAC DUCT AND DIFFUSERS.
- K. AT OPEN CEILING CONDITION, PAINT UNDERSIDE OF THE STRUCTURE INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ITEMS.
- L. ALL FS RECESSED DOWN LIGHTS TO BE INSTALLED AT THE CENTER OF THE CEILING TILE OR:
- M. SEE SHEETS A11.11, A 11.12 & A11.13 FOR CEILING AND CEILING ACCESSORY DETAILS.
- N. REFER TO SHEET A8.1 FOR WALL TYPES

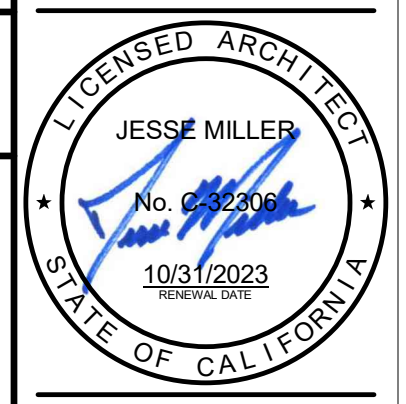
CEILING PLAN LEGEND

[Pattern]	NO CEILING WORK IN THAT AREA
[Pattern]	(E) ACT CEILING TO REMAIN
[Pattern]	(E) GYP. BD. CEILING TO REMAIN
[Pattern]	EXPOSED CEILING. PAINT ALL EXPOSED COMPONENTS INCL. BUT NOT LIMITED TO STRUCT. FRAMING, MEP ITEMS (DUCTS, CONDUITS, PIPES, HANGARS, ETC.) SPRAY ON FIRE PROOFING, U.N.O.
[Pattern]	ACP (N) ACT CEILING. SEE DETAILS AT SHEETS A11.11 & A11.12
[Pattern]	GYP (N) GYP. BD. CEILING/SOFFIT
[Pattern]	PL (N) PLASTER CEILING
[Pattern]	AWC (N) ACP/AWC ACOUSTICAL BAFFLE CEILING. SEE DETAILS AT SHEET A11.13
[Symbol]	(N) LIGHT FIXTURE (2X4) A11.11, A11.12
[Symbol]	(N) LIGHT FIXTURE (DOWN LIGHT) A11.12
[Symbol]	(N) LIGHT FIXTURE (LINEAR LIGHT) SEE E DRAWINGS
[Symbol]	(N) CEILING ACCESS PANEL A11.12

KEY PLAN



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REFLECTED CEILING PLAN - BLDG K
South El Monte HS Modernization
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1001 Durfee Ave, South El Monte, CA 91733

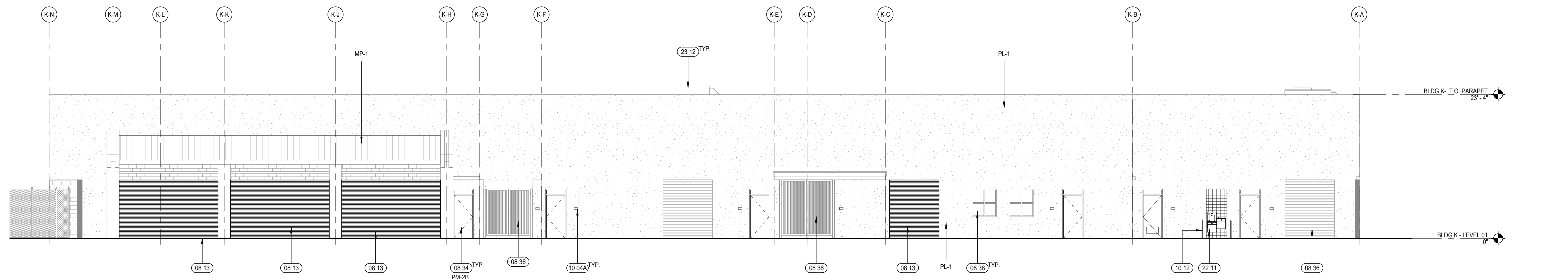
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03/01/2022
11/18/2022 ADDENDUM 2



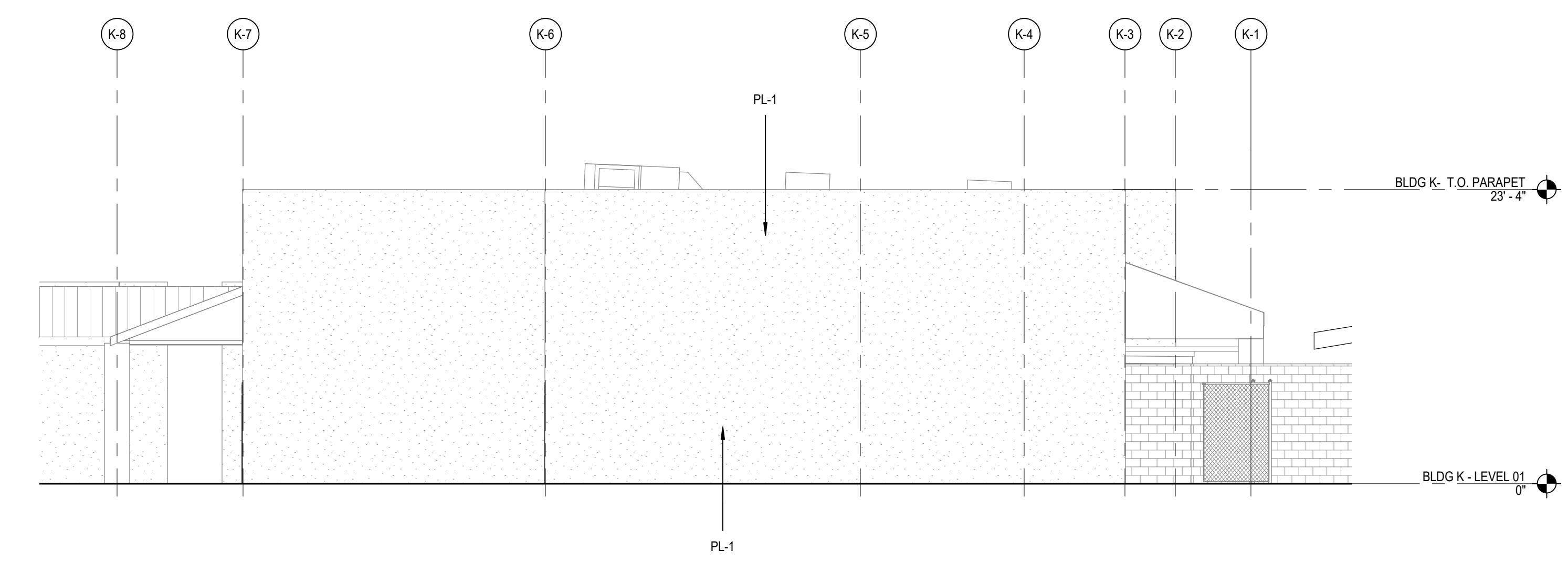
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El Monte, CA 91731
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DSA APPL #03-122081
DSA FILE #19-H10

A3.K1

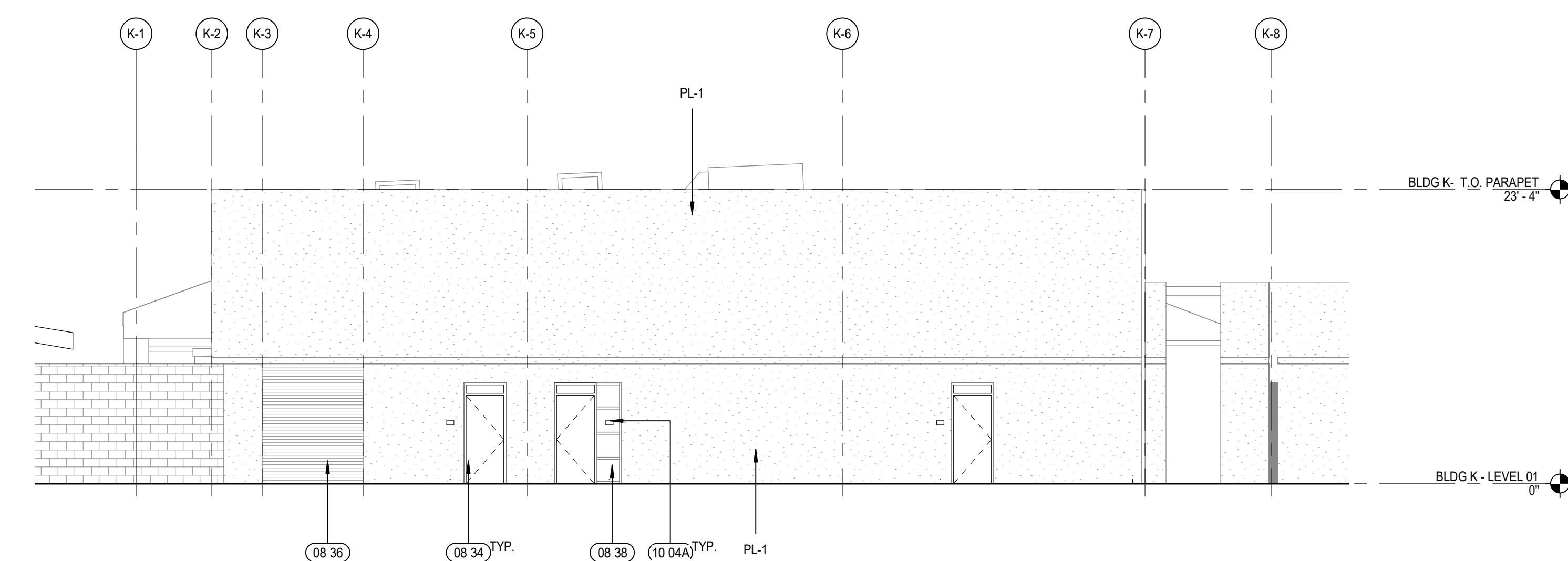
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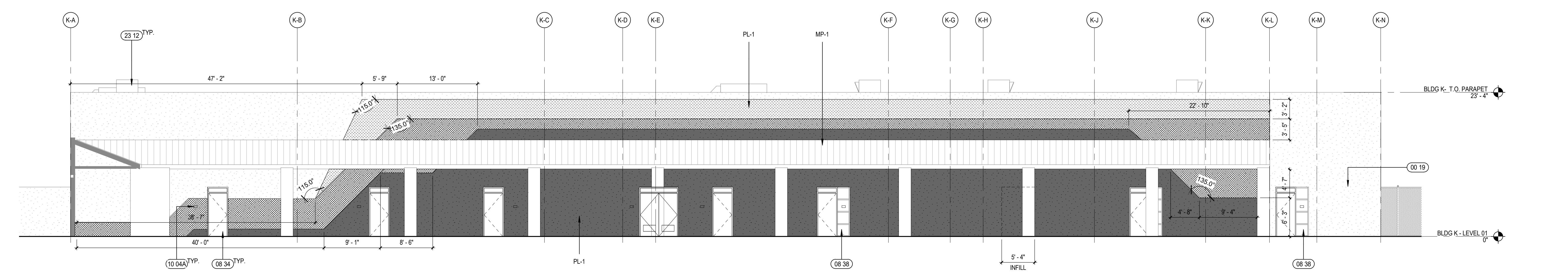
11 BLDG K - NORTH ELEVATION
A4.K1 SCALE: 1/8" = 1'-0"



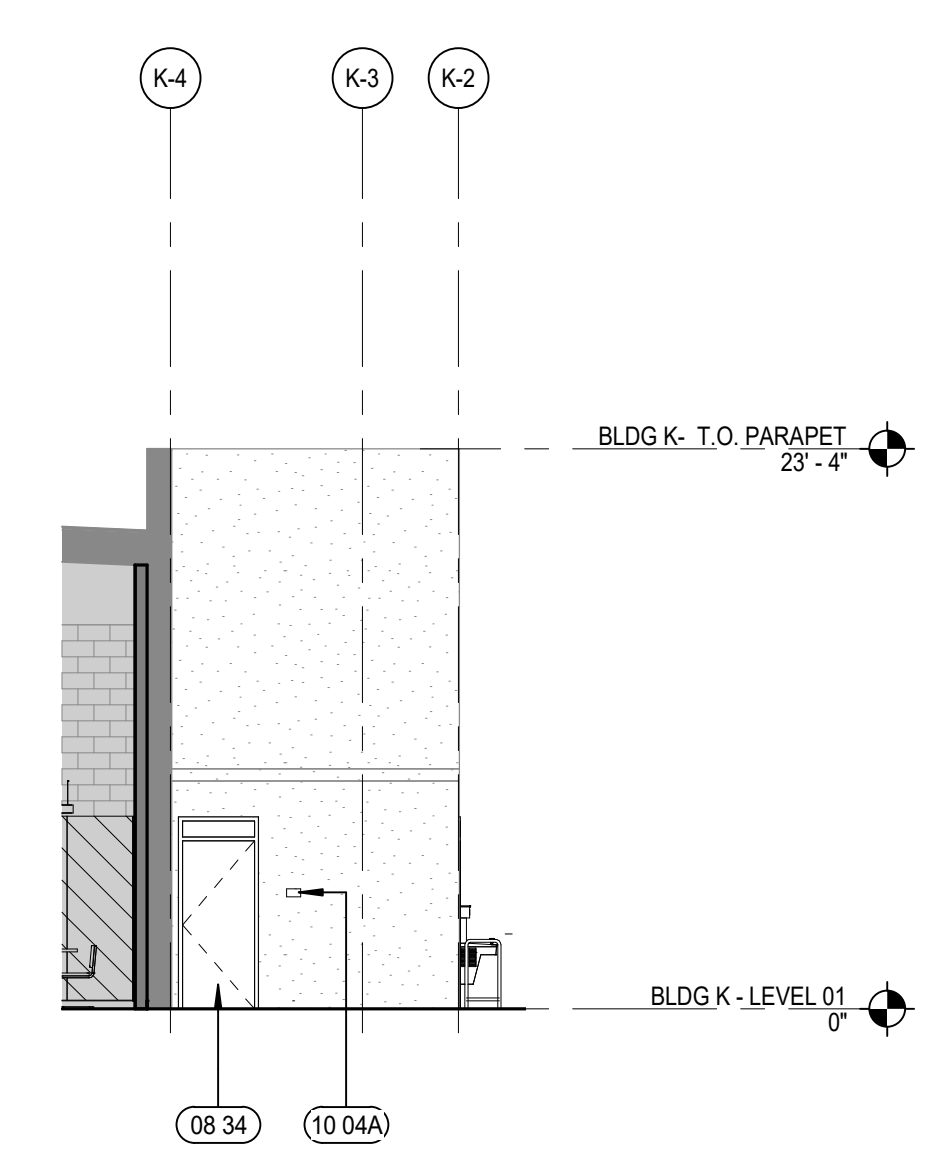
21 BLDG K - EAST
A4.K1 SCALE: 1/8" = 1'-0"



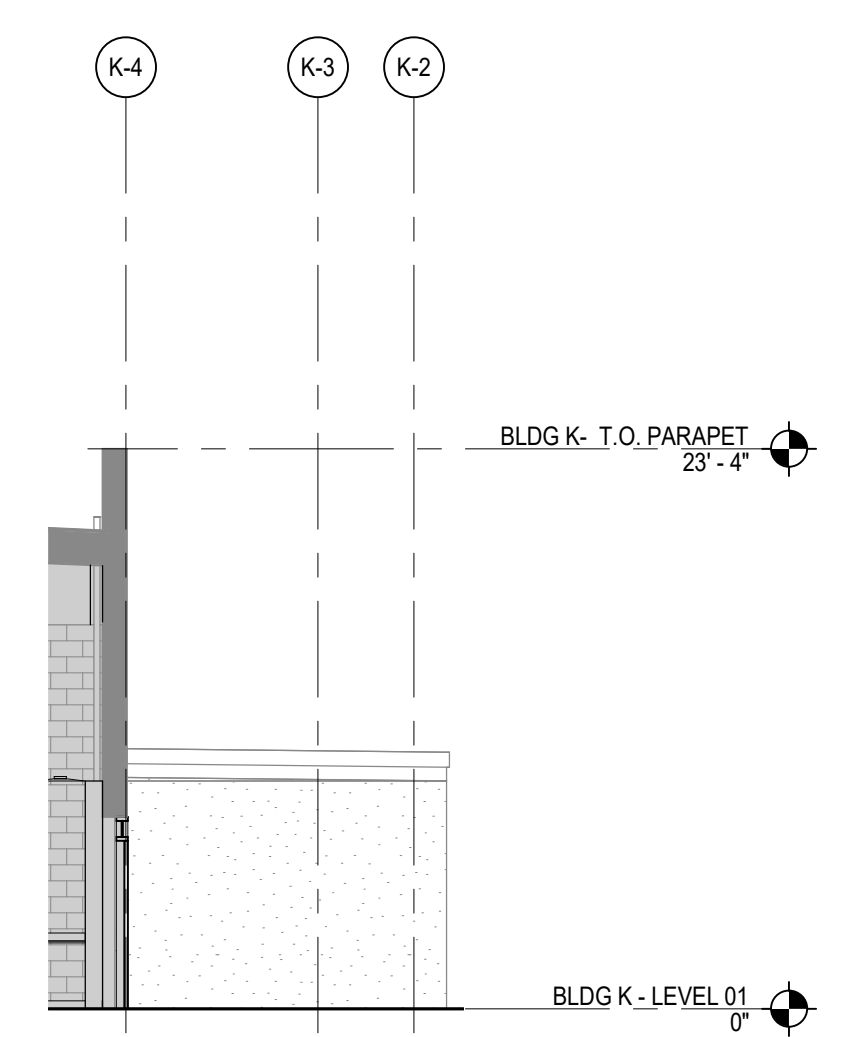
24 BLDG K - WEST
A4.K1 SCALE: 1/8" = 1'-0"



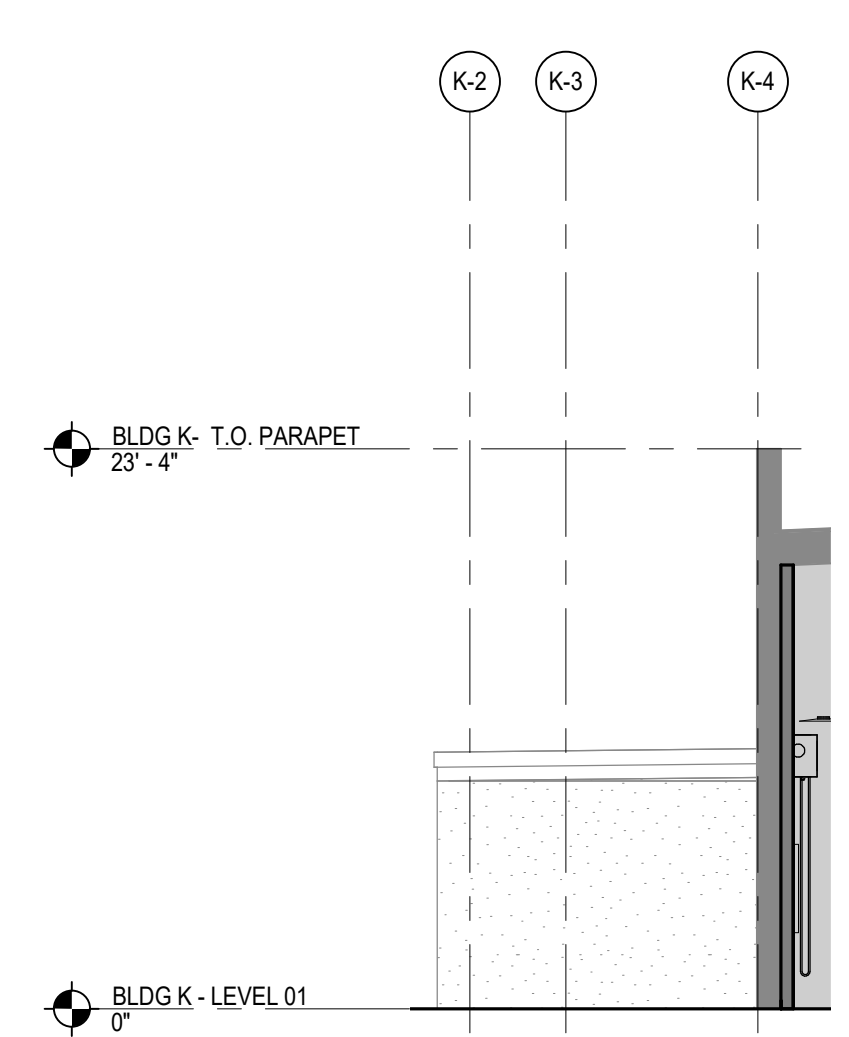
41 BLDG K - SOUTH
A4.K1 SCALE: 1/8" = 1'-0"



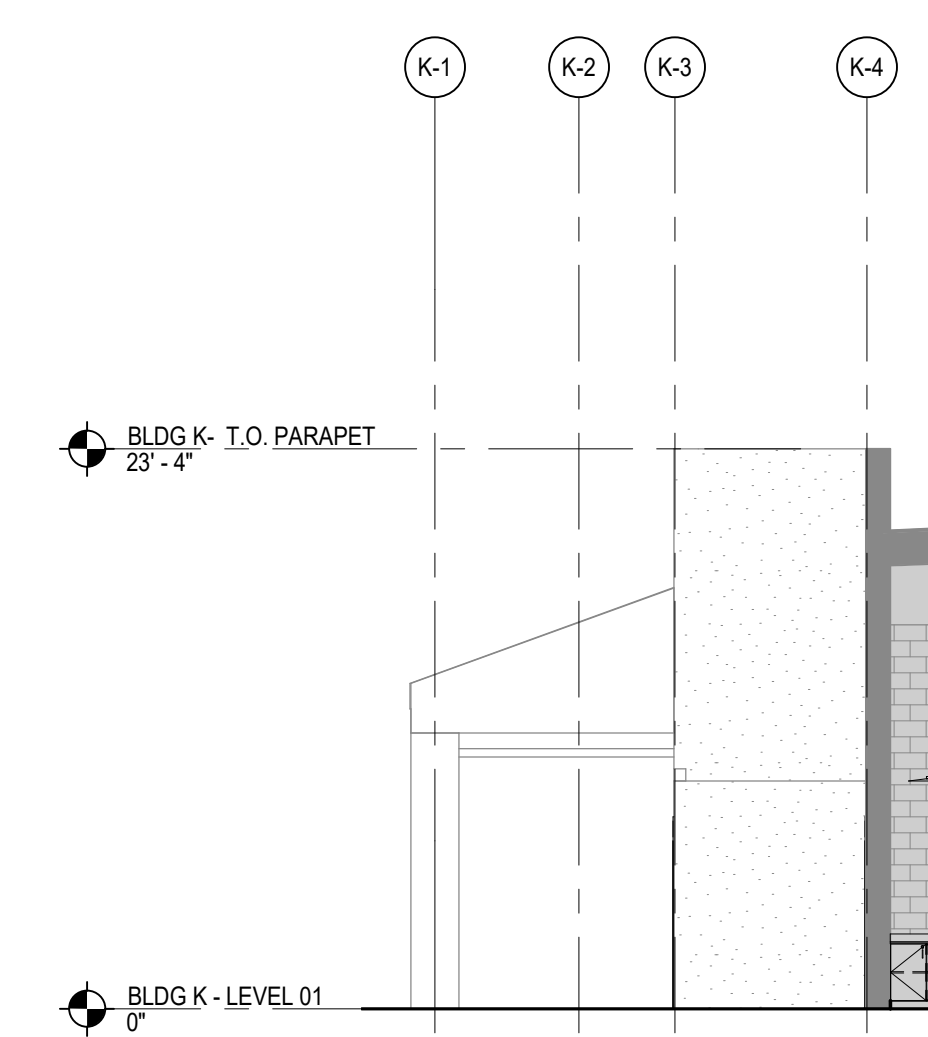
52 BLDG K - PARTIAL EAST ELEV 1
A4.K1 SCALE: 1/8" = 1'-0"



53 BLDG K - PARTIAL EAST ELEV 2
A4.K1 SCALE: 1/8" = 1'-0"



7 BLDG K - PARTIAL WEST ELEV 1
A4.K1 SCALE: 1/8" = 1'-0"



55 BLDG K - PARTIAL WEST ELEV 2
A4.K1 SCALE: 1/8" = 1'-0"

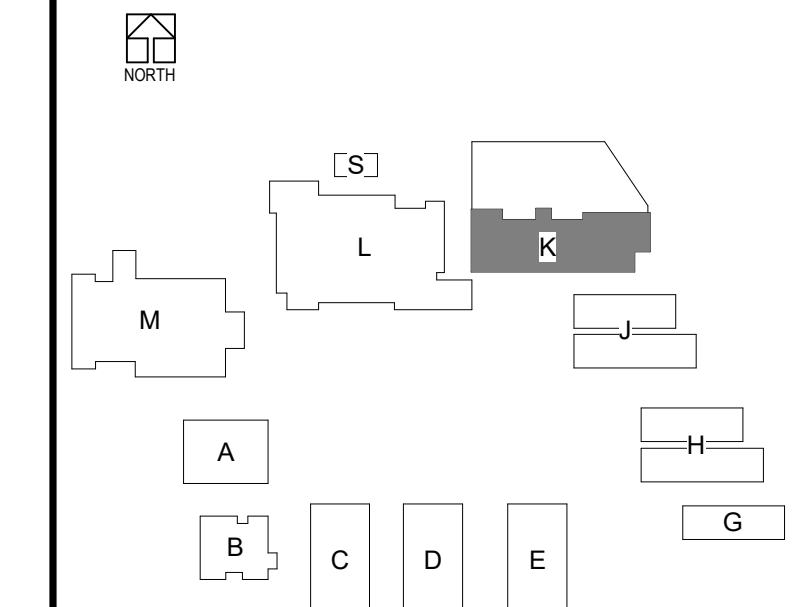
KEYNOTES

00 19	(E) SITE FENCE / GATE TO REMAIN
08 13	NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
08 36	(E) DOOR/GATE TO REMAIN, PAINTED
08 38	(E) EXTERIOR WINDOW TO REMAIN, PAINT FRAME
10 04A	SIGNAGE. SEE SIGNAGE PLANS FOR DETAIL.
10 12	CANE DETECTION RAILING. SEE DET 31(C)P2.1
22 11	(N) HI-LO DRINKING FOUNTAIN W/ BOTTLE FILLER. SEE DETAILS 14(C)P2.1 & 41(A)1.5
23 12	(E) HVAC EQUIPMENT TO REMAIN. SEE ROOF PLANS AND M DWGS

EXTERIOR ELEVATION FINISH LEGEND

	MP-1 METAL ROOF COLOR: GREY - SEE SPEC SECTION 07 01 50.61
	MP-2X EXPOSED METAL, PAINTED X = COLOR, SEE COLOR LEGEND
MP - #A COLOR LEGEND:	
A	DARK BLUE, Dunn Edwards, Black River Falls DEA189
B	YELLOW, Dunn Edwards, Tuscan Sun DES341
PL-1 EXTERIOR PLASTER, BASE COLOR COLOR: LIGHT GRAY - MFR: ABCD MFR: Dunn Edwards, Stagitz Silver DE1612	
PL-2X EXTERIOR PLASTER - ACCENT COLORS X = COLOR, SEE PLASTER COLOR LEGEND	
PL - #A PLASTER COLOR LEGEND: MFR: ABCD	
A	NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B	YELLOW, Dunn Edwards, Tuscan Sun DES341
C	WHITE, Dunn Edwards, Coconut Grove DEHW03
	SD-1X SIDING X = COLOR, SEE SIDING COLOR LEGEND
SIDING COLOR LEGEND:	
A	NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B	YELLOW, Dunn Edwards, Tuscan Sun DES341
C	WHITE, Dunn Edwards, Coconut Grove DEHW03

KEY PLAN



EXTERIOR ELEVATIONS - BLDG K
South El Monte HS Modernization
El Monte Union High School District
1001 Dunifer Ave, South El Monte, CA 91733

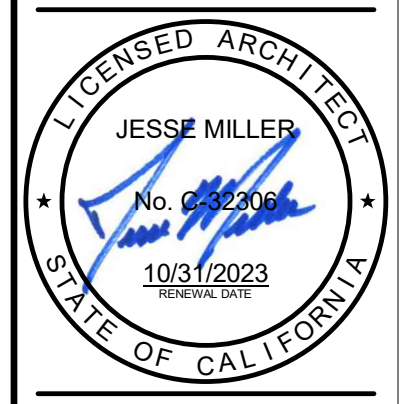
100% CDs
03/01/2022
Revisions
Date Description
11/18/2022 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

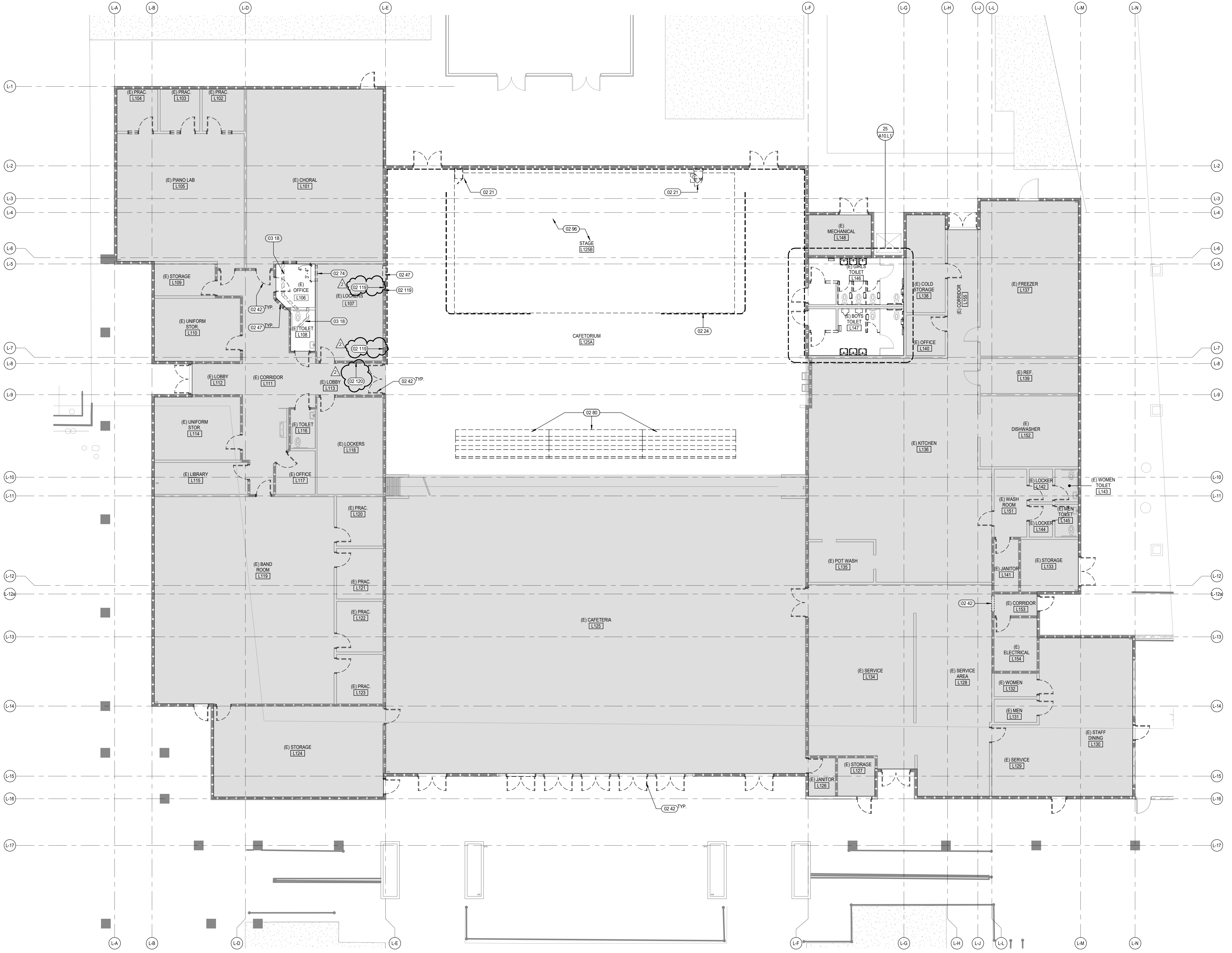
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ADDEND 11/18/2022
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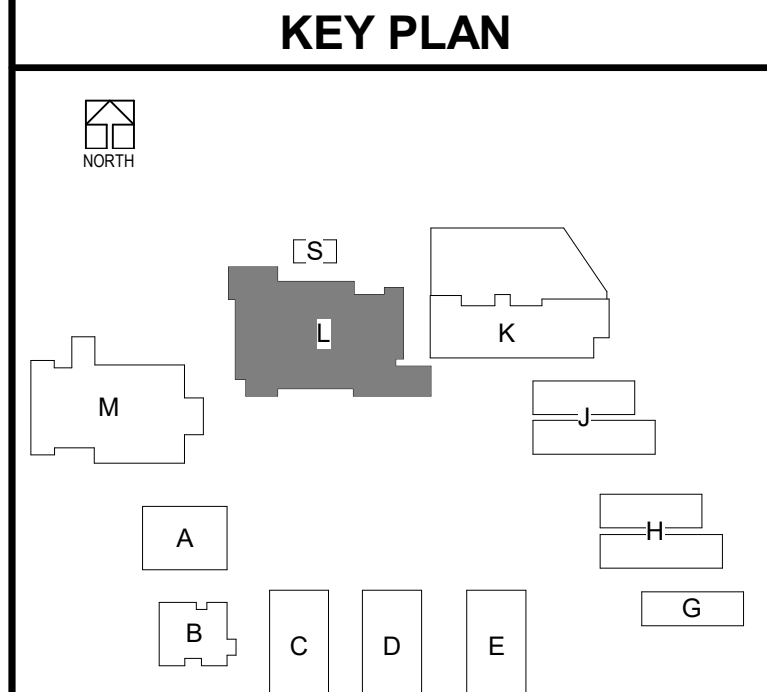
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- ### KEYNOTES
- 02 21 DEMO (E) WALL MOUNTED AV EQUIPMENT AND RACKS
 - 02 24 DEMO ALL (E) DRAPERY, TRACK & ASSOCIATED HARDWARE
 - 02 42 DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)
 - 02 47 DEMO (E) WINDOW
 - 02 74 DEMO (E) WALL IN ITS ENTIRETY
 - 02 80 DEMO (E) SEATING PLATFORMS, STEPS & RAILINGS. CONTRACTOR TO VERIFY WITH OWNER IF ANY (E) LOOSE EQUIPMENT IS TO BE RETAINED FOR RE-USE
 - 02 96 DEMO PLATFORM FASCIA, STORE AND PROTECT PLATFORMS, STEPS, LEGS AND HARDWARE
 - 02 119 REMOVE EXISTING GYP. RD FINISH IN ORDER TO ALLOW FOR INSTALLATION, TYP.
 - 02 120 DEMO EXISTING WALL FINISHES AS REQUIRED FOR NEW DIGITAL DISPLAY
 - 03 18 SAWCUT PORTION OF CONCRETE SLAB. PREP FOR (N) PLUMBING WORK. SEE PLUMBING DRAWINGS. PATCH CONCRETE WHEN PLUMBING WORK IS COMPLETE

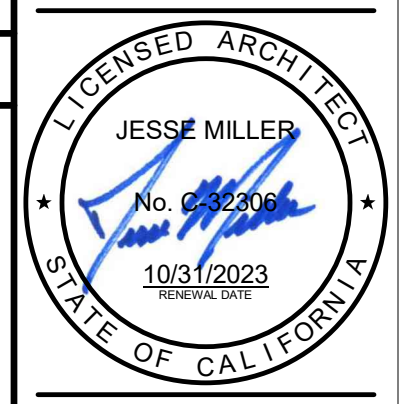
- ### DEMOLITION GENERAL NOTES
- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.
- THE CONTRACTOR SHALL:
- A. COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
 - B. COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
 - C. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
 - D. MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
 - E. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
 - F. REMOVE IN THEIR ENTIRETY ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILING, SOFFITS, MARKERBOARDS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
 - G. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
 - H. PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION-RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - I. REPAIR OR REPLACE ITEMS THAT ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
 - J. EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT AND OWNER.
 - K. VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
 - L. PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL, OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS, AS REQUIRED TO MAINTAIN FIRE-RESISTANCE RATED SEPARATIONS OR PREVIOUS CONDITIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
 - M. CAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
 - N. SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SCHEDULING AND SCOPE OF WORK.
 - O. AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
 - P. WHERE CMU WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH-FINISH BY REMOVING CMU IN TOOTH-IN PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH-IN NEW CMU PATCHES.
 - Q. WHERE PLASTER/STUD WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH-FINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 1'-0" BEYOND DEMOLITION.
 - R. DEMO 12" MIN OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE.

- ### DEMOLITION FLOOR PLAN LEGEND
- MINIMAL INTERIOR ARCHITECTURAL WORK
 - DEMO (E) GYP TO STUDS. PREP FOR (N) SHEATHING
 - (E) STUD WALL TO REMAIN
 - (E) C.M.U. WALL TO REMAIN
 - (E) 1HR RATED WALL TO REMAIN
 - (E) DOOR TO REMAIN
 - (E) STUD WALL TO BE DEMOLISHED
 - (E) DOOR TO BE DEMOLISHED
 - (E) FENCE TO BE DEMOLISHED



CHANGE ORDERS FOR ADDITIONAL DEMOLITION WORK WILL NOT BE ALLOWED FOR ANY ITEMS THAT ARE NOT SHOWN ON DOCUMENTS; HOWEVER, NEW WORK IS SHOWN TO OCCUR IN SAID SPACE OR AREA. CONTRACTOR MUST BID DOCUMENT IN THEIR TOTALITY AND NOT SPLIT DRAWINGS AMONG SUB-CONTRACTORS.

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DEMOLITION FLOOR PLAN - BLDG L
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave., South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



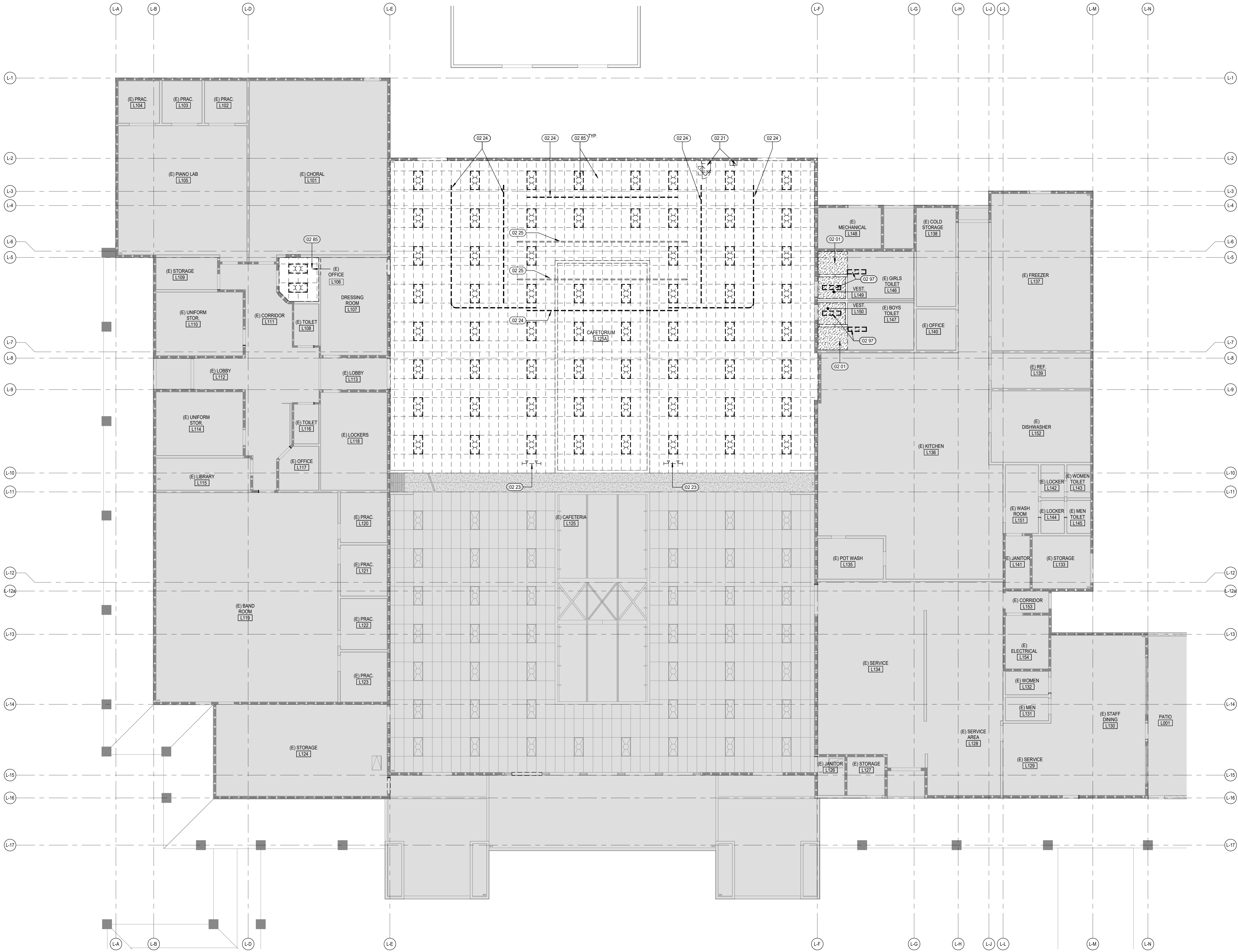
3537 Johnson Ave.
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL. #03-122081
 DSA FILE #19-H10

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DEMO - BLDG L - LEVEL 01
 SCALE: 1/8" = 1'-0"

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 UNIT 2

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KEYNOTES

- 02 01 DEMO (E) GYP CEILING AND FRAMING AS REQUIRED TO COMPLETE NEW WORK. REPLACE IN KIND. MATCH ADJACENT FINISH
- 02 21 DEMO (E) WALL MOUNTED AV EQUIPMENT AND RACKS
- 02 23 DEMO (E) DIMMER BAR AND ASSOCIATED WIRING
- 02 24 DEMO ALL (E) DRAPERY, TRACK & ASSOCIATED HARDWARE
- 02 25 DEMO (E) PIPE RIGGING
- 02 85 REMOVE (E) CEILING AND LIGHTS
- 02 97 REMOVE (E) LIGHT FIXTURE, REPLACE AFTER CEILING WORK

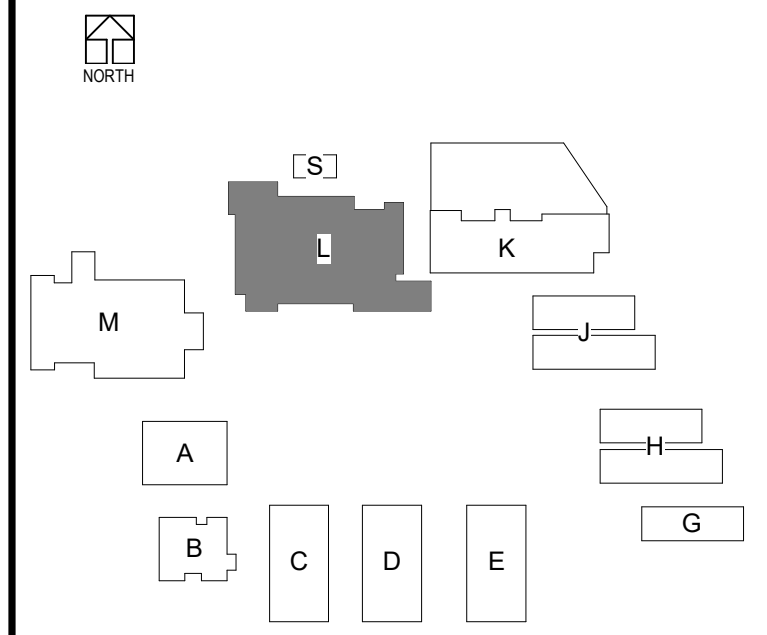
DEMOLITION GENERAL NOTES

- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.
- THE CONTRACTOR SHALL:
- A. COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
 - B. COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
 - C. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
 - D. MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
 - E. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
 - F. REMOVE IN THEIR ENTIRETY ALL EXISTING WALLS, DOORS, MILLWORK, PLUMBING FIXTURES, CEILING, SOFFITS, MARKERBOARDS, AND OTHER ITEMS, AS REQUIRED TO EXECUTE THE DEMOLITION/CONSTRUCTION WORK DESCRIBED BY THE DRAWINGS.
 - G. THE OWNER SHALL RESERVE THE RIGHT TO SALVAGE ANY MATERIALS.
 - H. PROVIDE PROTECTION FOR ALL EXISTING BUILDING MATERIALS AND EQUIPMENT FROM DAMAGE DUE TO ANY DEMOLITION OR CONSTRUCTION RELATED INCIDENT PERFORMED UNDER THIS CONTRACT.
 - I. REPAIR OR REPLACE ITEMS THAT ARE DAMAGED AS A RESULT OF DEMOLITION OR CONSTRUCTION TO MATCH EXISTING FINISH AND/OR CONDITION.
 - J. EXISTING MATERIALS SHALL NOT BE REUSED UNLESS NOTED OTHERWISE OR AS AUTHORIZED BY ARCHITECT AND OWNER.
 - K. VERIFY AND MAINTAIN THE LOCATION OF EXISTING POWER, COMMUNICATION AND DATA CABLES TO PREVENT INTERRUPTION OF THEIR SERVICE.
 - L. PATCH FLOOR, WALL AND CEILING PENETRATIONS RESULTING FROM REMOVAL OR RE-ROUTING OF NEW OR EXISTING PIPING, DUCTWORK, CONDUIT, AND OTHER ITEMS, AS REQUIRED TO MAINTAIN FIRE-RESISTANCE-RATED SEPARATIONS OR PREVIOUS CONDITIONS. FINISH AS REQUIRED FOR NEW OR EXISTING ADJACENT SURFACES.
 - M. CAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
 - N. SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
 - O. AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
 - P. WHERE CMU WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY REMOVING CMU IN TOOTH-IN PATTERN BOTH SIDES OF DEMOLITION FOR CONTRACTOR TO TOOTH-IN NEW CMU PATCHES.
 - Q. WHERE PLASTER/STUD WALLS ARE INDICATED TO BE REMOVED, PREPARE ADJACENT WALLS TO RECEIVE NEW PATCH/FINISH BY SAWCUTTING ADJACENT PLASTER FINISH A MINIMUM OF 1" OF BEYOND DEMOLITION.
 - R. DEMO 12" MIN OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE.

DEMO CEILING PLAN LEGEND

- NO CEILING WORK IN THIS AREA
- (E) SUSPENDED CEILING TO REMAIN
- (E) GYP. BD. CEILING TO REMAIN
- (E) STUD WALL TO BE DEMOLISHED
- (E) CEILING TO BE DEMOLISHED
- (E) LIGHT FIXTURE TO BE DEMOLISHED
- (E) LIGHT FIXTURE TO BE DEMOLISHED

KEY PLAN



NOTE: DEMO ASSOCIATED LIGHT FIXTURES AT (E) CEILINGS SCHEDULED FOR DEMOLITION. LIGHT FIXTURES NOT SHOWN.

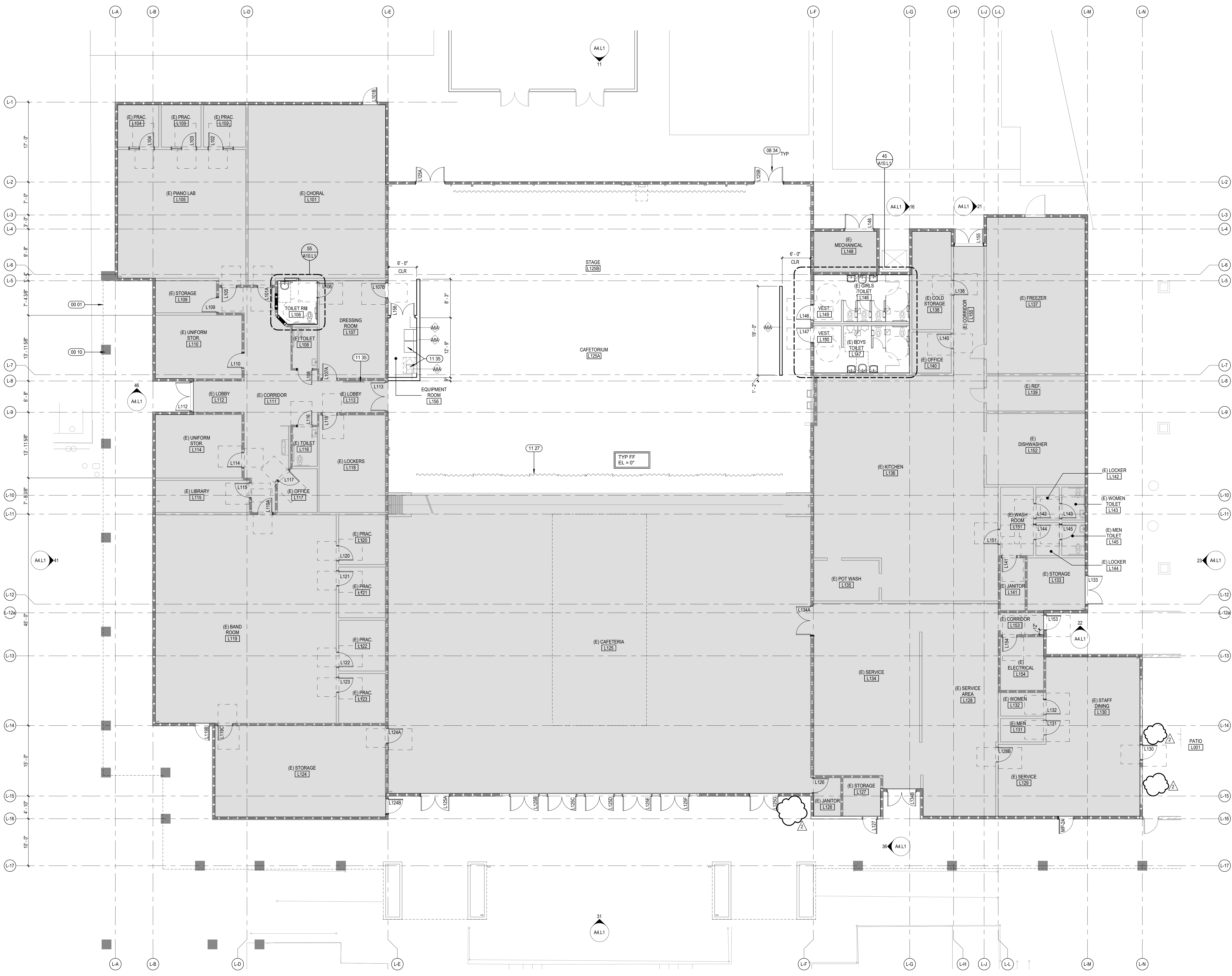
CHANGE ORDERS FOR ADDITIONAL DEMOLITION WORK WILL NOT BE ALLOWED FOR ANY ITEMS THAT ARE NOT SHOWN ON DOCUMENTS. HOWEVER, NEW WORK IS SHOWN TO OCCUR IN SAID SPACE OR AREA. CONTRACTOR MUST BID DOCUMENT IN THEIR TOTALITY AND NOT SPLIT DRAWINGS AMONG SUB-CONTRACTORS.



BLDG L - DEMO RCP - LEVEL 01
SCALE: 1/8" = 1'-0"

ADDEND 11/18/2022
UNIT

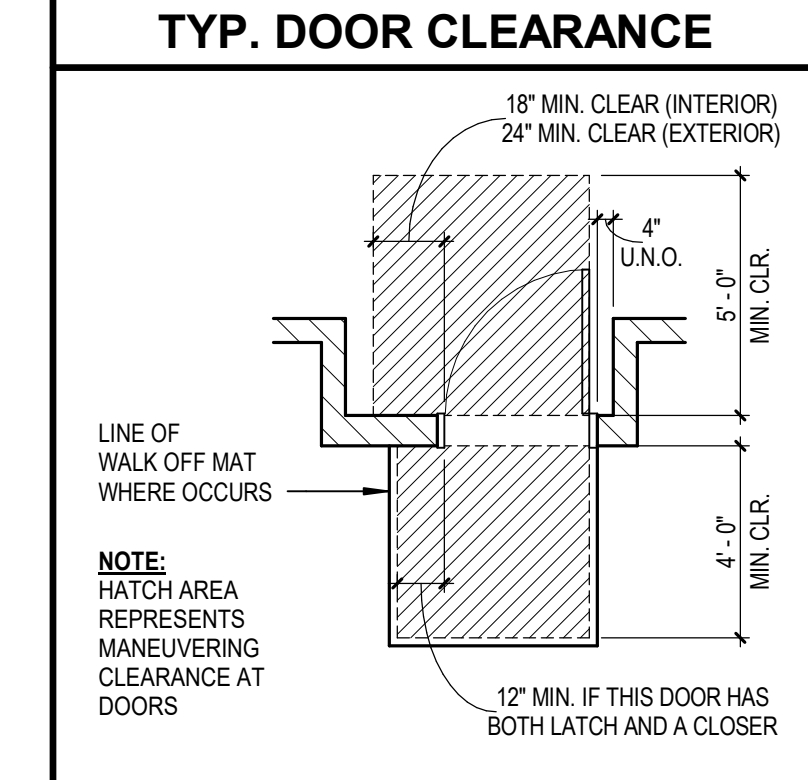
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BLDG L - LEVEL 01
SCALE: 1/8" = 1'-0"

KEYNOTES	
00 01	LINE OF ROOF OVERHANG ABOVE SHOWN DASHED
00 10	(E) COLUMN TO REMAIN - PAINTED
08 34	NEW FRAMED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3
11 27	STAGE DRAPERY. SEE THEATRICAL DRAWINGS
11 35	EQUIPMENT. SEE AUDIO VISUAL AND THEATRICAL DWGS

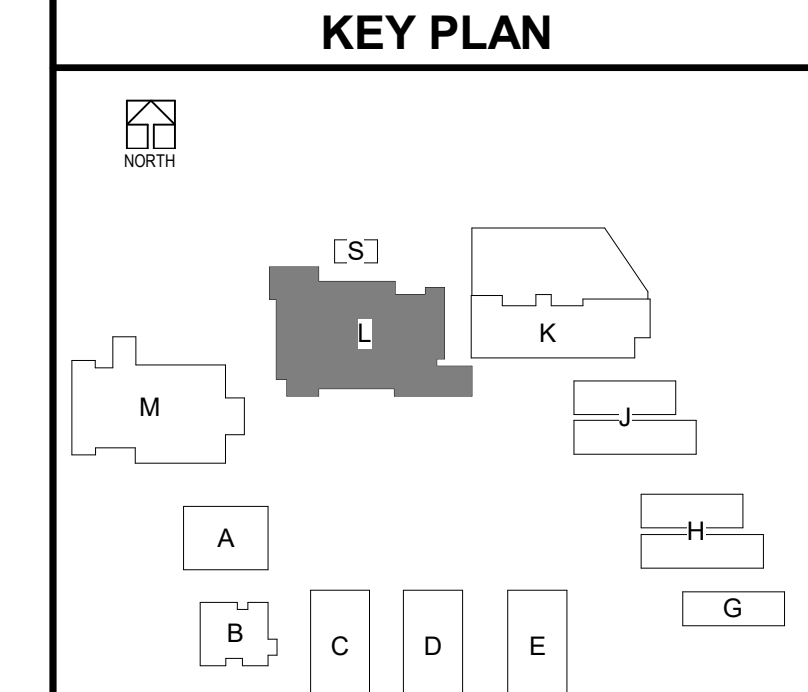
- GENERAL NOTES**
- GENERAL NOTES APPLY TO ALL SHEETS
 - DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE
 - INCLUDE ALL OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND SHALL COORDINATE WITH THE OWNER TO ACCOMMODATE THESE ITEMS
 - COORDINATE ALL MECHANICAL CHASE SIZES WITH THE MECHANICAL CONTRACTOR
 - ARCHITECTURAL FINISH FLOOR ELEVATION 0'-0"
 - SEE FLOOR & CODE PLANS FOR LOCATION OF WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION. ALL WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE
 - ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH PENETRATION FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTANCE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 09413.
 - COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS SHOWN ON PLANS
 - FIRE-RESISTANCE-RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL
 - CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY. SEE DRAWING FOR QUANTITIES AND LOCATION OF WORK. SEE SPECIFICATIONS FOR QUALITIES AND CONDITIONS OF WORK
 - WORK: ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED, BUT NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED AND INDICATED IN THE CONTRACTOR'S BID
 - GENERAL SHEET NOTES ONLY APPLY TO PARTICULAR DRAWING OR SERIES OF DRAWINGS
 - NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT
 - DO NOT SCALE DRAWINGS. DIMENSIONS NOTED PREVAIL. NOTIFY ARCHITECT IN CASE OF DISCREPANCY
 - HORIZONTAL AND VERTICAL DIMENSIONS ARE MINIMUM DIMENSIONS. CLEARANCES ARE GIVEN TO FINISH SURFACES. GO TO VERIFY ALL CLEARANCES. NOTIFY ARCHITECT IN CASE OF DISCREPANCY



FLOOR PLAN LEGEND

[Symbol]	MINIMAL INTERIOR ARCHITECTURAL WORK
[Symbol]	(E) STUD WALL
[Symbol]	(E) C.M.U. WALL
[Symbol]	(E) 1HR RATED WALL
[Symbol]	(E) 2HR RATED WALL
[Symbol]	(N) OR INFILL STUD WALL. SEE 42/A11.5 FOR INFILL WALL
[Symbol]	INFILL 1HR RATED WALL
[Symbol]	(M) DOOR
[Symbol]	(M) CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO

NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.



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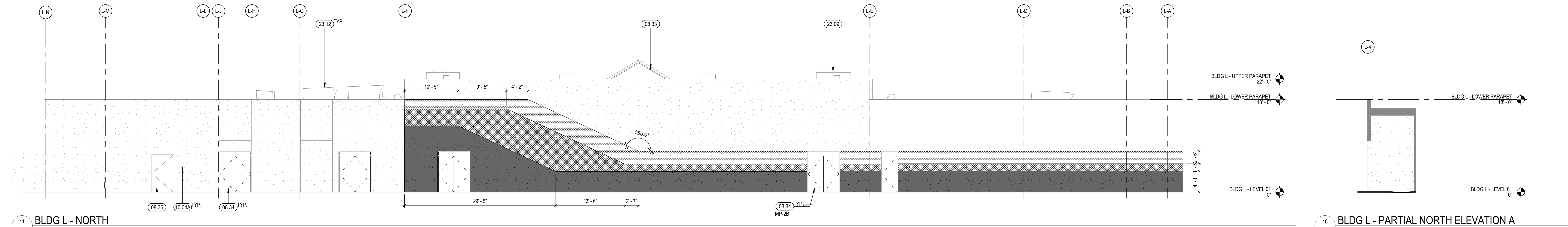
FLOOR PLAN - BLDG L CAFETERIA
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022

PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

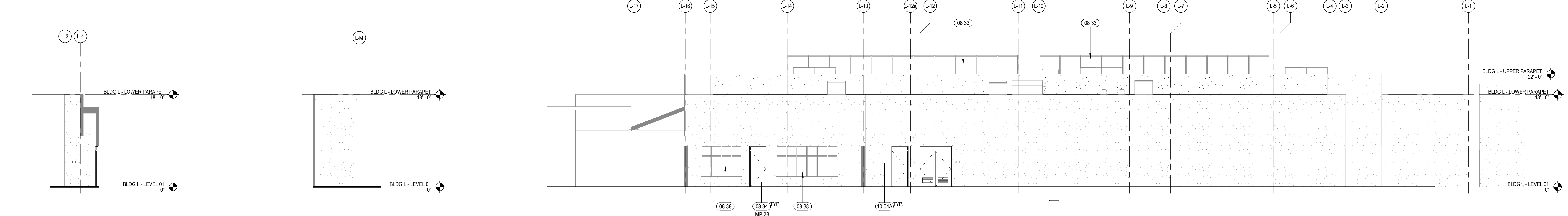
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 ADDEND 10/28/22 UM1
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11 BLDG L - NORTH
A4.L1 / SCALE: 1/8" = 1'-0"

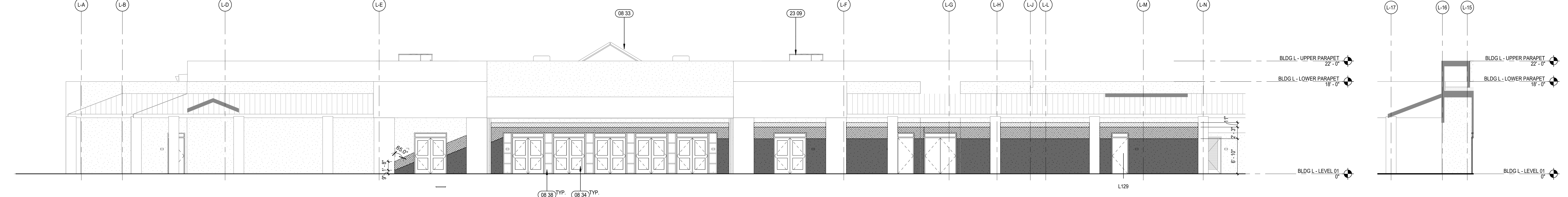
16 BLDG L - PARTIAL NORTH ELEVATION A
A4.L1 / SCALE: 1/8" = 1'-0"



21 BLDG L - PARTIAL NORTH ELEVATION B
A4.L1 / SCALE: 1/8" = 1'-0"

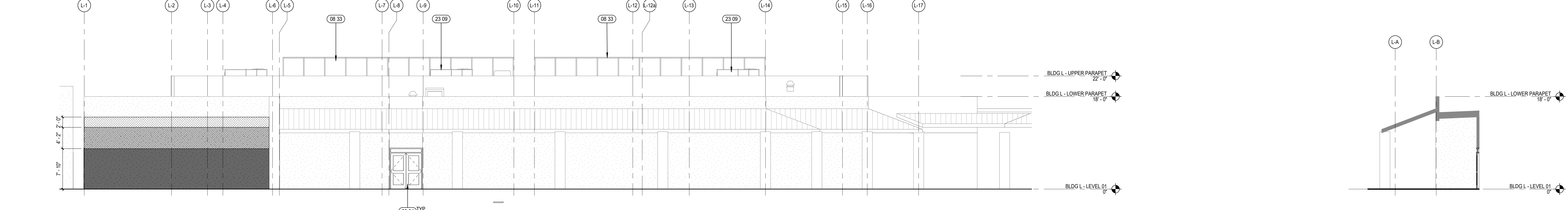
22 BLDG L - PARTIAL EAST ELEVATION A
A4.L1 / SCALE: 1/8" = 1'-0"

23 BLDG L - EAST
A4.L1 / SCALE: 1/8" = 1'-0"



31 BLDG L - SOUTH
A4.L1 / SCALE: 1/8" = 1'-0"

36 BLDG L - PARTIAL SOUTH ELEVATION A
A4.L1 / SCALE: 1/8" = 1'-0"



41 BLDG L - WEST
A4.L1 / SCALE: 1/8" = 1'-0"

46 BLDG L - PARTIAL WEST ELEVATION A
A4.L1 / SCALE: 1/8" = 1'-0"

EXTERIOR ELEVATION FINISH LEGEND		KEYNOTES	KEY PLAN
<p> MP-1 METAL ROOF COLOR: GREY - SEE SPEC SECTION 07 01 50.61</p> <p> MP-2X EXPOSED STEEL, PAINTED X-COLOR, SEE COLOR LEGEND</p> <p>MP - #A COLOR LEGEND: A. DARK BLUE, Dunn Edwards, Black River Falls DEA189 B. YELLOW, Dunn Edwards, Tuscan Sun DES341 C. WHITE</p>	<p> PL-1 EXTERIOR PLASTER, BASE COLOR TYP U.N.O. COLOR = (LIGHT GRAY) - MFR: ABCD MFR: Dunn Edwards, Sieglitz Silver OCT612</p> <p> PL-2X EXTERIOR PLASTER - ACCENT COLORS X-COLOR, SEE PLASTER COLOR LEGEND</p> <p>PL - #A PLASTER COLOR LEGEND: A. NAVY BLUE MFR: Dunn Edwards, Black River Falls DEA189 B. YELLOW MFR: Dunn Edwards, Tuscan Sun DES341 C. WHITE MFR: Dunn Edwards, Coconut Grove DEHW03</p>	<p>08 33 (E) SKYLIGHT TO REMAIN. NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS A8.2 & A8.3</p> <p>08 36 (E) DOOR/GATE TO REMAIN, PAINTED</p> <p>08 38 (E) EXTERIOR WINDOW TO REMAIN, PAINT FRAME SIGNAGE. SEE SIGNAGE PLANS FOR DETAIL</p> <p>10 04A (E) ROOF TOP MECHANICAL UNIT AND CURB TO REMAIN. REROOF PER DETAIL 34A10.1</p> <p>23 09 (E) HVAC EQUIPMENT TO REMAIN. SEE ROOF PLANS AND M DWGS</p>	

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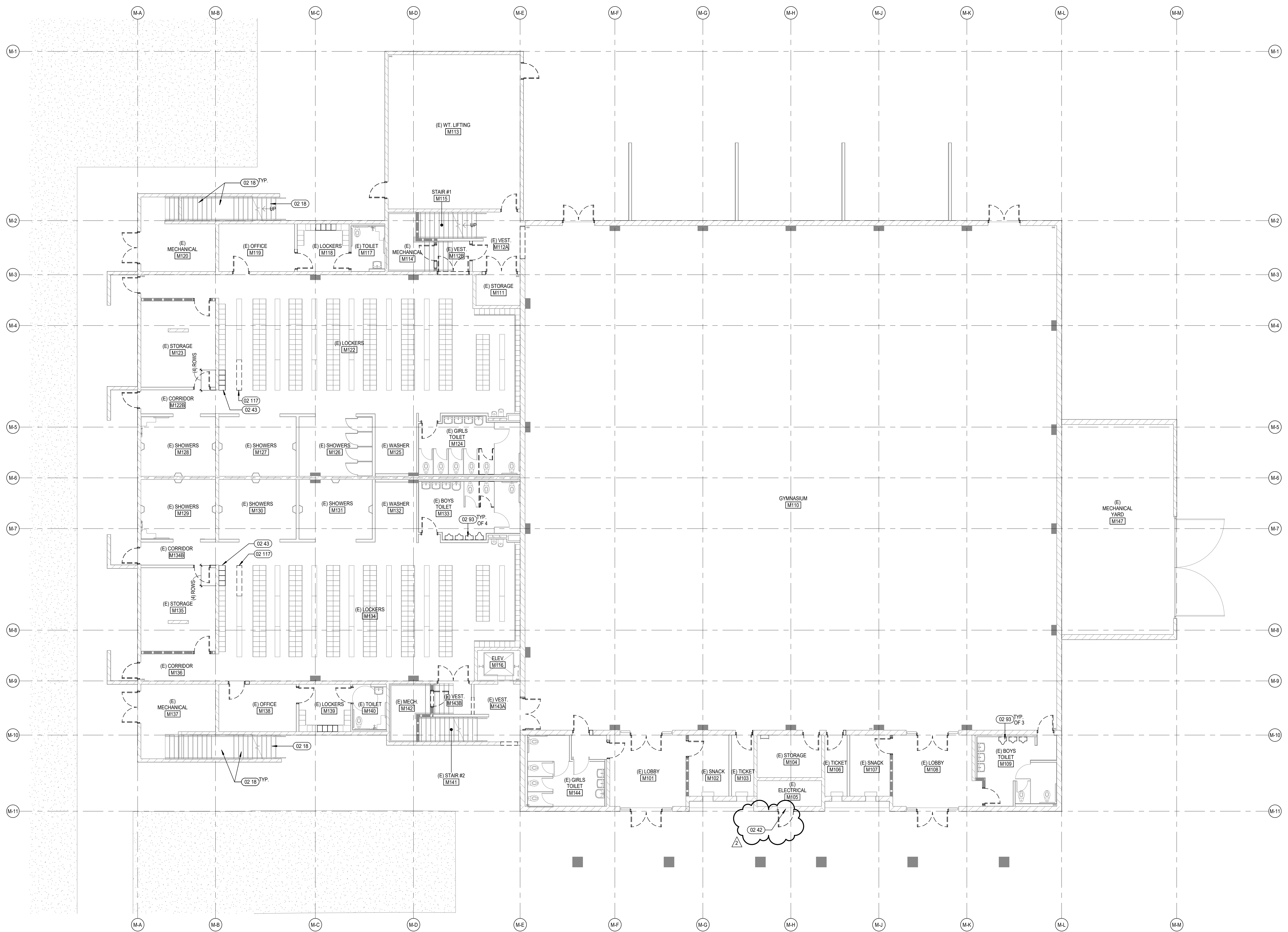


EXTERIOR ELEVATIONS - BLDG L
South El Monte HS Modernization
El Monte Union High School District
1001 Dunifer Ave, South El Monte, CA 91723

100% CDs
03/01/2022
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

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APPEND 11/10/22
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KEYNOTES

- 02 18 REMOVE (E) FINISH / PREP EXTERIOR ELEVATED WALKWAYS, STAIRS, AND LANDINGS FOR NEW TRAFFIC COATING FINISH
- 02 42 DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)
- 02 43 DEMO (E) LOCKERS IN THEIR ENTIRETY
- 02 93 (E) URINALS TO BE REMOVED, REPLACED WITH NEW. SEE PLUMBING DWGS FOR TYPE
- 02 117 DEMO LOCKER ROOM BENCH. PATCH CONCRETE AS REQUIRED. TAKE CARE TO NOT DAMAGE ADJACENT BENCHES TO REMAIN.

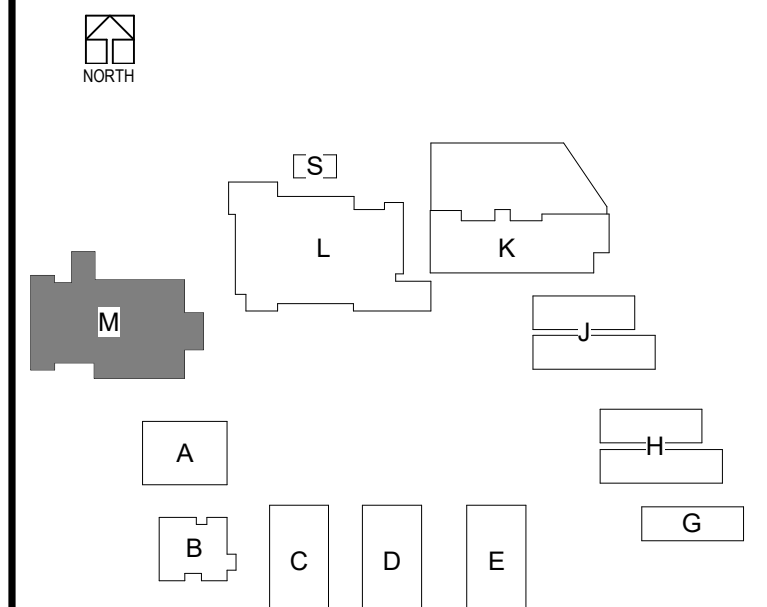
DEMOLITION GENERAL NOTES

- DEMOLITION NOTES APPLY TO ALL DEMOLITION SHEETS.
- THE CONTRACTOR SHALL:
- A. COORDINATE ALL DEMOLITION AND PHASING EFFORTS WITH THE ARCHITECT AND OWNER'S REPRESENTATIVE. EVERY EFFORT SHALL BE MADE TO MINIMIZE DISRUPTION OF OWNER'S OPERATIONS. EXCESSIVE NOISE OR VIBRATION SHALL BE PRE-APPROVED AND COORDINATED WITH THE OWNER'S REPRESENTATIVE. IN ALL CASES, PROVISIONS SHALL BE MADE FOR USER'S SAFETY.
 - B. COORDINATE ANY DISRUPTION OF UTILITY SERVICES WITH THE OWNER AND AS SPECIFIED.
 - C. CONSTRUCT TEMPORARY CONSTRUCTION PARTITIONS WITHIN THE EXISTING BUILDING WHICH OFFER A ONE-HOUR ENCLOSURE TO ISOLATE ANY DEMOLITION/CONSTRUCTION WORK FROM THE GENERAL PUBLIC AND AS DEEMED NECESSARY BY THE OWNER AND DSA. COORDINATE LOCATIONS WITH THE OWNER AND MAINTAIN MEANS OF EGRESS THROUGHOUT THE WORK.
 - D. MAINTAIN A SECURE, WEATHER-TIGHT ENCLOSURE AT ALL TIMES.
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 - M. CAP ALL DISCONNECTED MECHANICAL PIPING LINES WITHIN THE WALL OR FLOOR. PATCH AND FINISH AS REQUIRED TO MATCH NEW OR EXISTING ADJACENT SURFACES.
 - N. SEE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND NOTES FOR FURTHER SEQUENCING AND SCOPE OF WORK.
 - O. AVOID ANY DISTURBANCE OF SOILS WITHIN THE ZONE OF INFLUENCE AROUND EXISTING FOOTINGS AND FLOOR SLABS AS DIRECTED BY GEOTECHNICAL ENGINEER.
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 - R. DEMO 12" MIN OF WALL FINISHES BEYOND EACH DOOR FRAME SCHEDULED TO BE DEMOLISHED AND ANY ADDITIONAL DEMO NEEDED FOR NEW ELECTRIFIED DOOR HARDWARE PER SCHEDULE.

DEMO FLOOR PLAN LEGEND

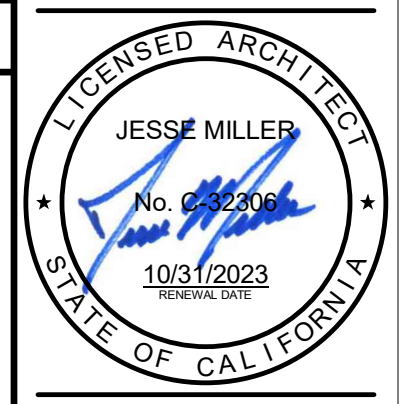
- MINIMAL INTERIOR ARCHITECTURAL WORK
- DEMO (E) GYP TO STUDS. PREP FOR (N) SHEATHING
- (E) STUD WALL TO REMAIN
- (E) C.M.U. WALL TO REMAIN
- (E) 1HR RATED WALL TO REMAIN
- (E) DOOR TO REMAIN
- (E) STUD WALL TO BE DEMOLISHED
- (E) DOOR TO BE DEMOLISHED
- (E) FENCE TO BE DEMOLISHED

KEY PLAN



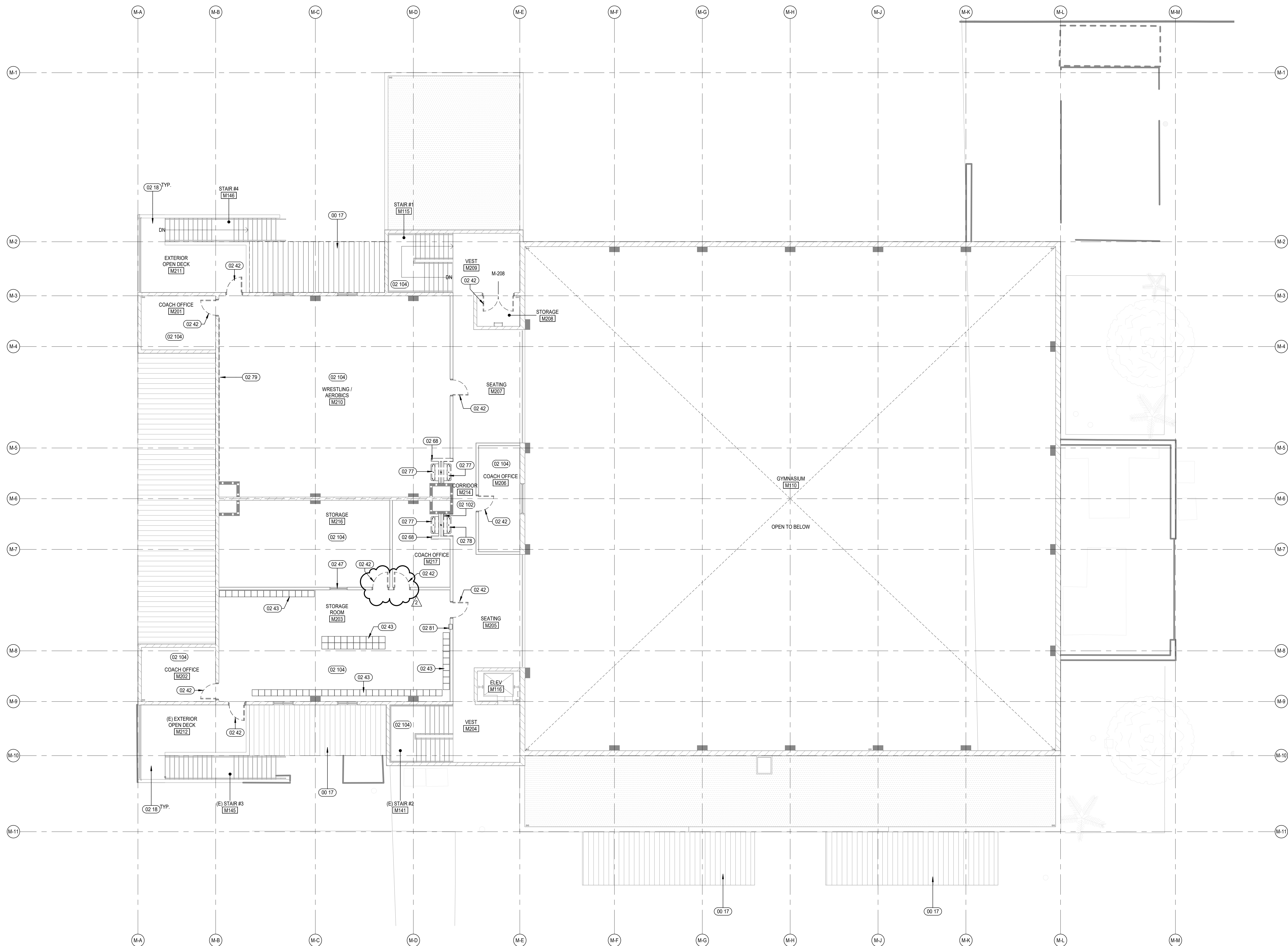
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OVERALL DEMOLITION PLAN, LEVEL 1
SCALE: 1/8" = 1'-0"



ADDEND 11/10/22
UNIT 2

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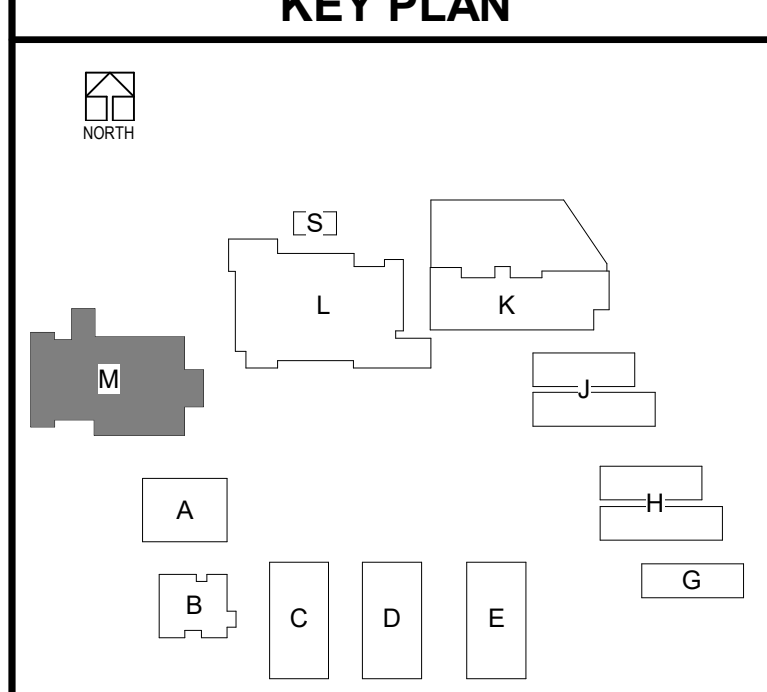


- ### KEYNOTES
- 00 17 (E) METAL ROOF TO REMAIN, PAINT PER SPECIFICATION
 - 02 18 REMOVE (E) FINISH / PREP EXTERIOR ELEVATED WALKWAYS, STAIRS, AND LANDINGS FOR NEW TRAFFIC COATING FINISH
 - 02 42 DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)
 - 02 43 DEMO (E) LOCKERS IN THEIR ENTIRETY
 - 02 47 DEMO (E) WINDOW
 - 02 68 (E) WING WALL TO BE REMOVED
 - 02 77 DEMO (E) DRINKING FOUNTAIN AND CAP UTILITIES IN THE WALL. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO
 - 02 78 DEMO (E) DRINKING FOUNTAIN AND REPLACE WITH NEW ACCESSIBLE. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO
 - 02 79 (E) MIRRORS AND FRAMES TO BE REMOVED
 - 02 81 DEMO (E) FIRE EXTINGUISHER CABINET, REPLACE WITH NEW
 - 02 102 DEMO (E) WALL TILE. REPLACE WITH NEW
 - 02 104 DEMO (E) FLOORING AND BASE

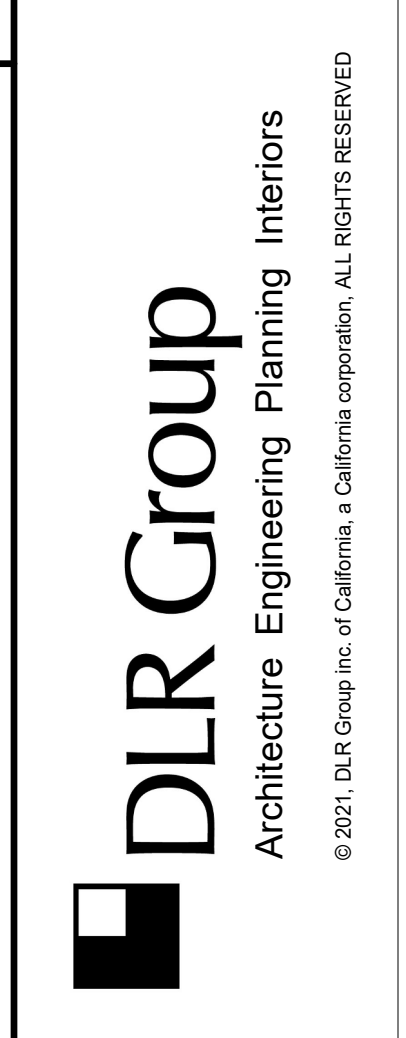
- ### DEMOLITION GENERAL NOTES
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DEMO FLOOR PLAN LEGEND

	MINIMAL INTERIOR ARCHITECTURAL WORK
	DEMOLITION (E) GYP TO STUDS, PREP FOR (N) SHEATHING
	(E) STUD WALL TO REMAIN
	(E) C.M.U. WALL TO REMAIN
	(E) 1HR RATED WALL TO REMAIN
	(E) DOOR TO REMAIN
	(E) STUD WALL TO BE DEMOLISHED
	(E) DOOR TO BE DEMOLISHED
	(E) FENCE TO BE DEMOLISHED



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DEMOLITION FLOOR PLAN - BLDG M - LEVEL 2
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave., South El Monte, CA 91733

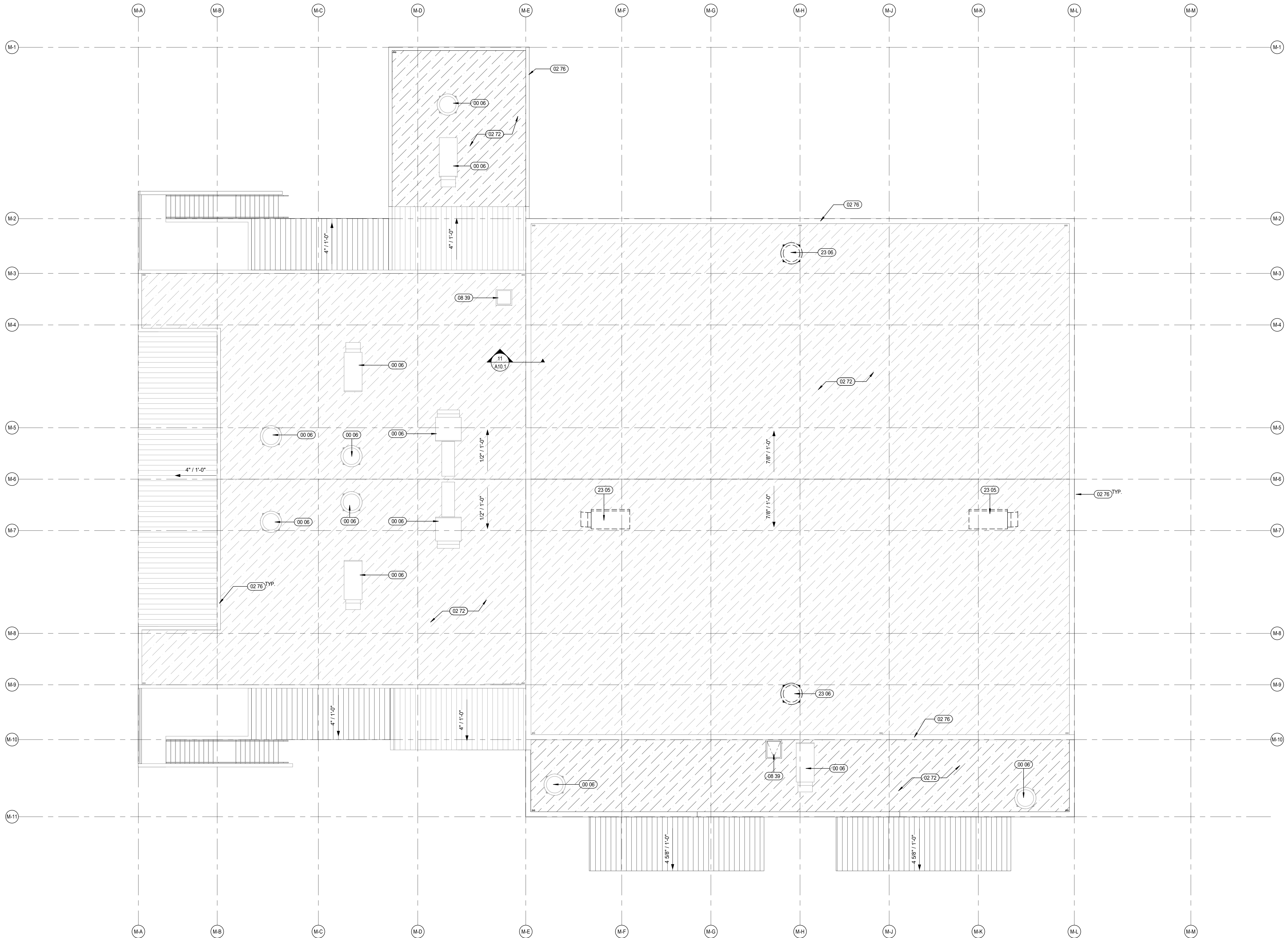
100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



AD1.M2

DEMO - BLDG M - LEVEL 02
 SCALE: 1/8" = 1'-0"

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KEYNOTES

- 00 06 (E) ROOF EQUIPMENT TO REMAIN. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFO.
- 02 72 DEMO (E) ROOFING TO SUBSTRATE. PREPARE FOR (N) ROOFING.
- 02 76 DEMO (E) ROOF FLASHING, COPING AND RELATED ACCESSORIES IN PREPARATION FOR NEW ROOF U.N.O.
- 08 39 (E) ROOF HATCH TO REMAIN.
- 23 05 DEMOLISH (E) ROOF TOP MECHANICAL UNIT. SEE M DWGS. INFILL ROOFTOP ASSEMBLY AND STRUCTURAL SHEATHING AS REQUIRED.
- 23 06 DEMOLISH (E) ROOF TOP EXHAUST FAN. SEE M DWGS. INFILL ROOFTOP ASSEMBLY AND STRUCTURAL SHEATHING AS REQUIRED.

DEMOLITION GENERAL NOTES

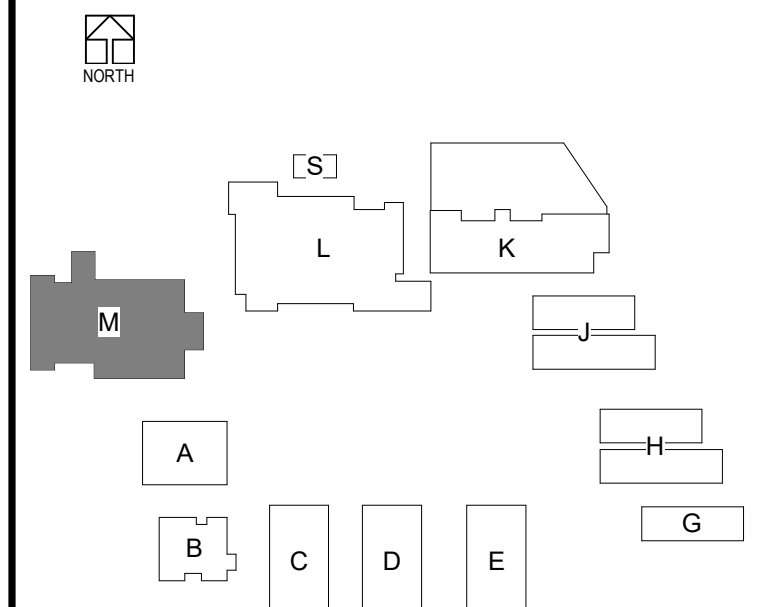
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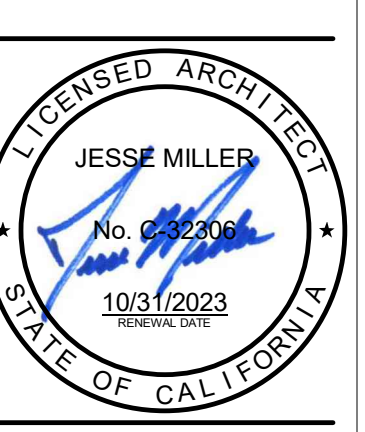
DEMO ROOF PLAN LEGEND

- (E) BUILT UP TO BE DEMOLISHED AND REMOVED
- (E) ROOF ACCESS HATCH TO REMAIN U.N.O.
- (E) ROOF DRAIN AND OVERFLOW TO REMAIN U.N.O.
- (E) ROOF TOP MECHANICAL UNIT OR EXHAUST FAN TO BE DEMOLISHED. SEE MECHANICAL SHEETS.

KEY PLAN



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Architecture Engineering Planning Interiors
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DEMOLITION ROOF PLAN - BLDG M
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2



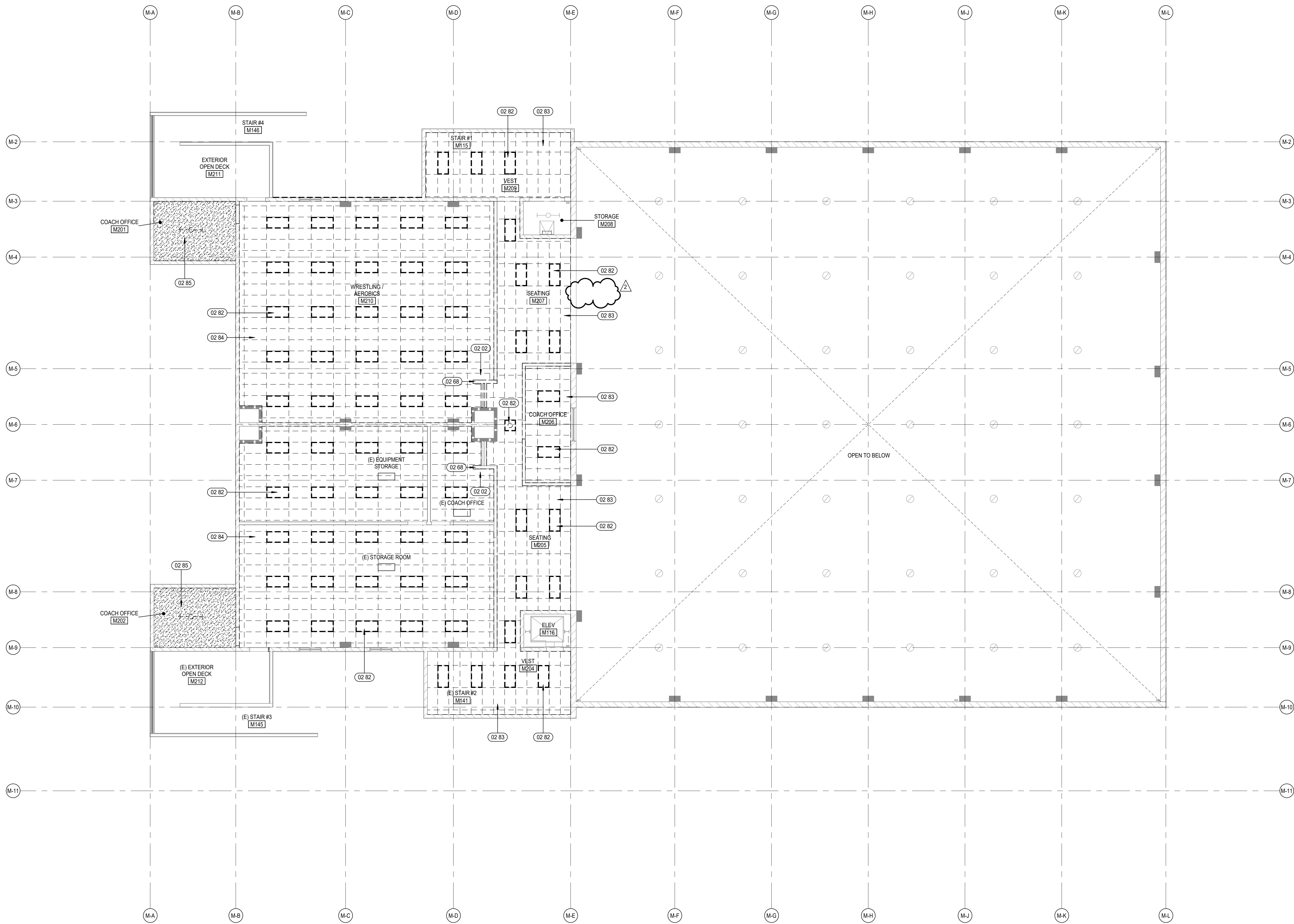
3537 Johnson Ave,
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

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DEMO - BLDG M - ROOF
SCALE: 1/8" = 1'-0"

ADDEND 11/10/22
UNIT 2

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NOTE:
DEMO ASSOCIATED LIGHT FIXTURES AT (E) CEILINGS SCHEDULED FOR DEMOLITION.
LIGHT FIXTURES NOT SHOWN

BLDG M - DEMO RCP - LEVEL 02
SCALE: 1/8" = 1'-0"

KEYNOTES

- 02 02 DEMO (E) ACOUSTICAL CEILING REQUIRED TO COMPLETE NEW WORK. REPLACE IN KIND
- 02 68 (E) WING WALL TO BE REMOVED
- 02 82 REMOVE (E) LIGHT FIXTURE
- 02 83 REMOVE (E) SUSPENDED CEILING. REPLACE WITH (N)
- 02 84 REMOVE (E) SUSPENDED CEILING. LEAVE OPEN TO ABOVE. PAINT ROOF STRUCTURE
- 02 85 REMOVE (E) CEILING AND LIGHTS

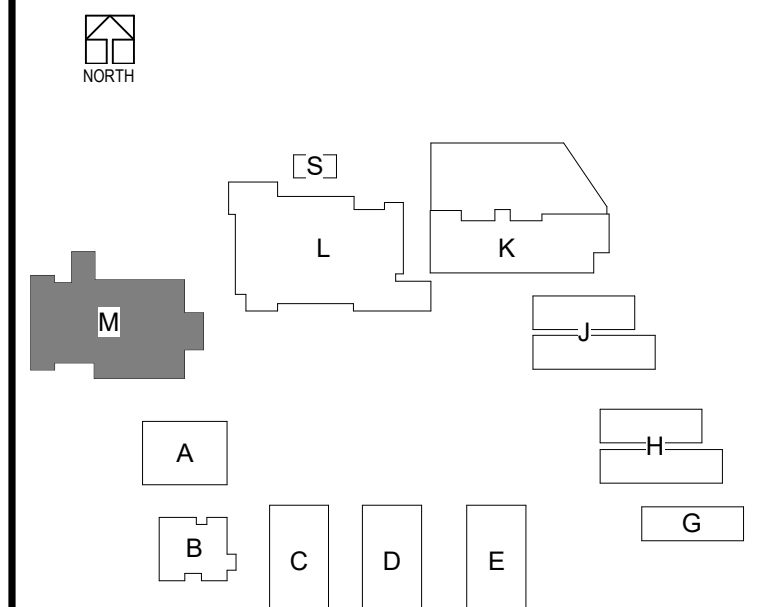
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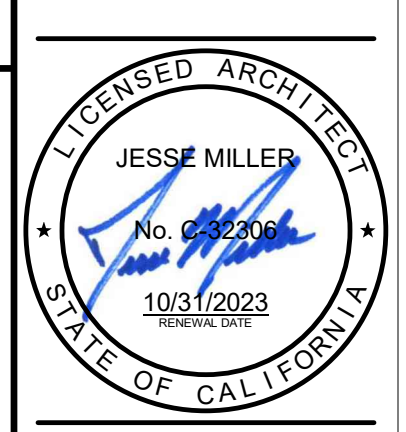
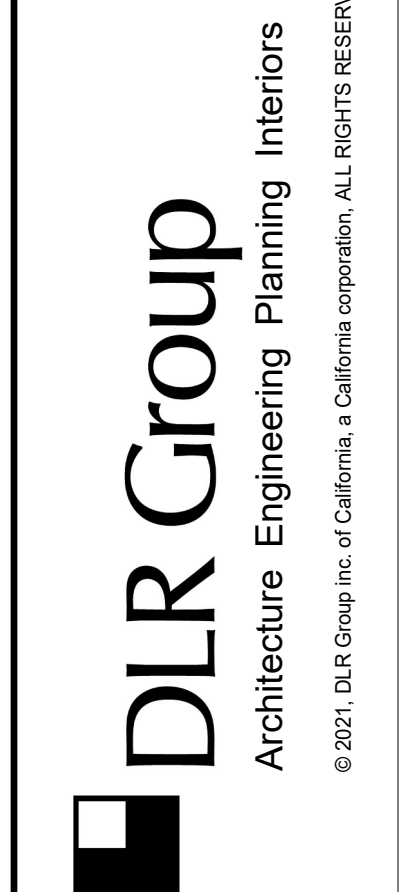
DEMO CEILING PLAN LEGEND

- NO CEILING WORK IN THIS AREA
- (E) SUSPENDED CEILING TO REMAIN
- (E) GYP. BD. CEILING TO REMAIN
- (E) STUD WALL TO BE DEMOLISHED
- (E) CEILING TO BE DEMOLISHED
- (E) LIGHT FIXTURE TO BE DEMOLISHED
- (E) LIGHT FIXTURE TO BE DEMOLISHED

KEY PLAN



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DEMOLITION REFLECTED CEILING PLAN - BLDG M - LEVEL 2

South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2

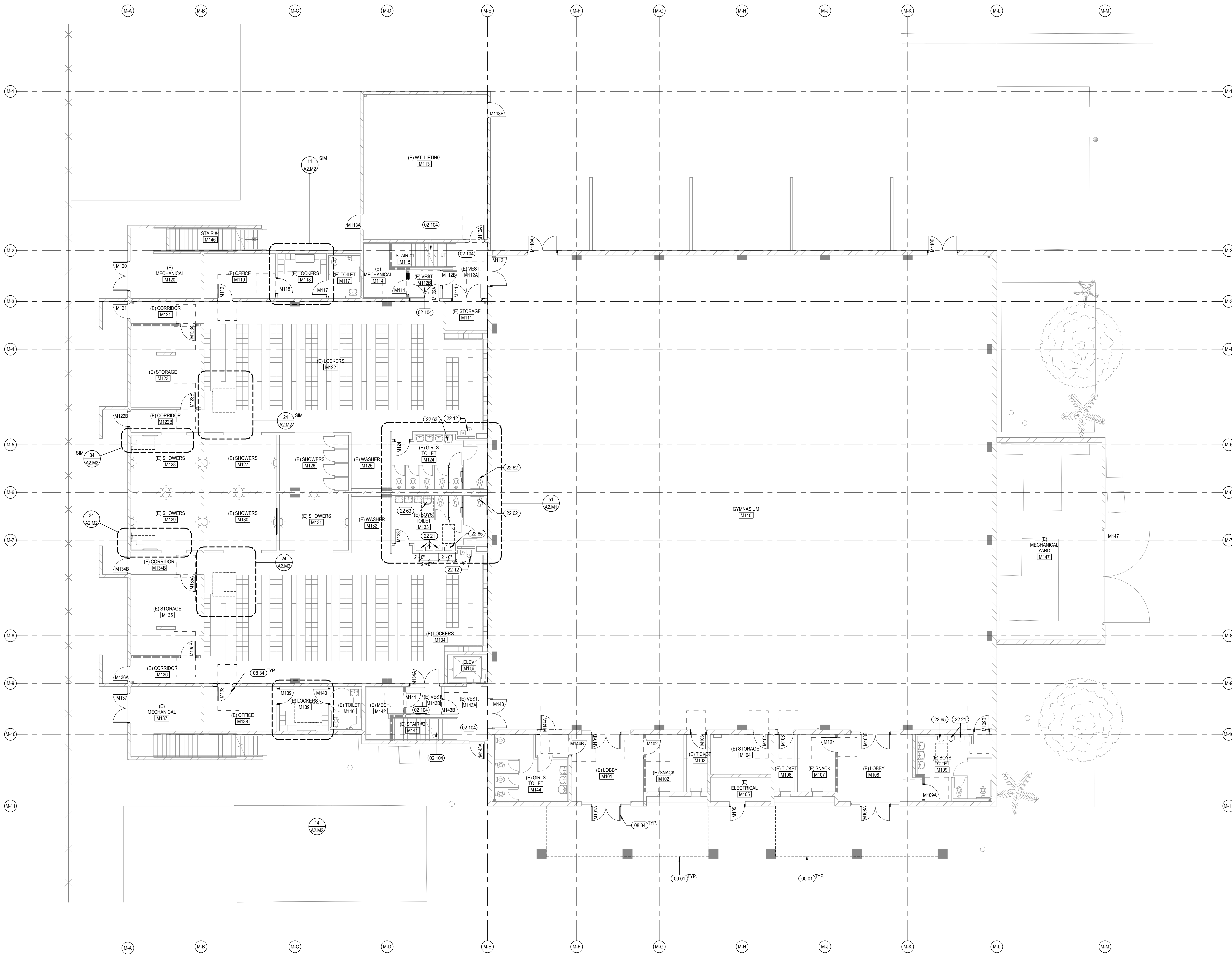


3537 Johnson Ave,
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

AD3.M2

ADDEND 11/10/22
UNIT 2

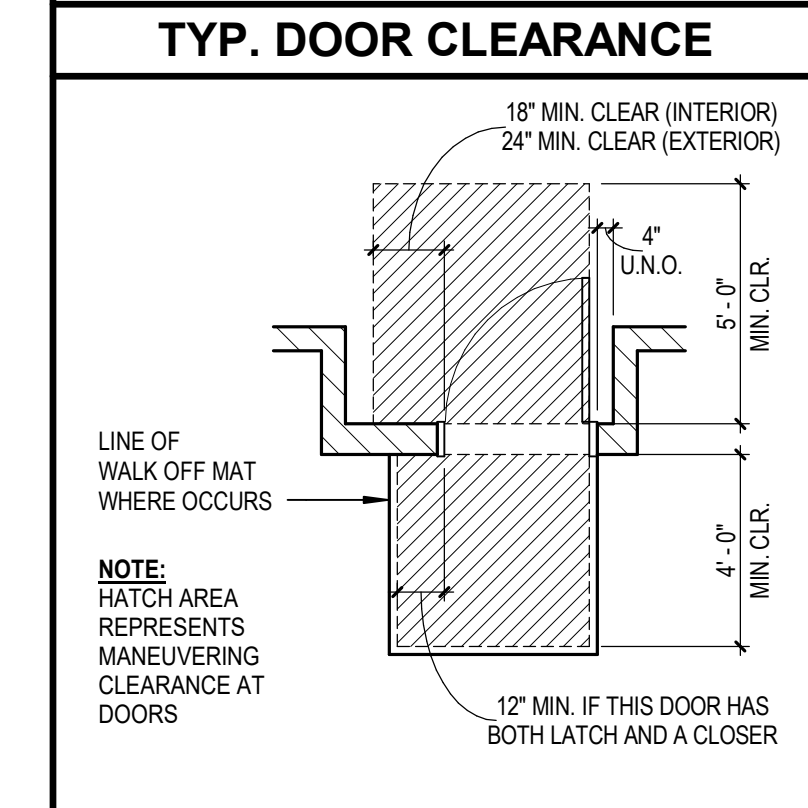
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KEYNOTES

00 01	LINE OF ROOF OVERHANG ABOVE SHOWN DASHED
02 104	DEMO (E) FLOORING AND BASE
08 34	NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A2 & A6.3
22 12	(E) H-I/O DRINKING FOUNTAIN TO REMAIN. SHEET CP2.1
22 21	URNAL. SEE P DWGS AND MOUNTING HT INFORMATION, SHEET CP2.1
22 62	(E) ACCESSIBLE WC TO REMAIN
22 63	(E) ACCESSIBLE LAVATORY TO REMAIN
22 65	ACCESSIBLE URINAL. SEE P DWGS AND MOUNTING HT INFORMATION, SHEET CP2.1

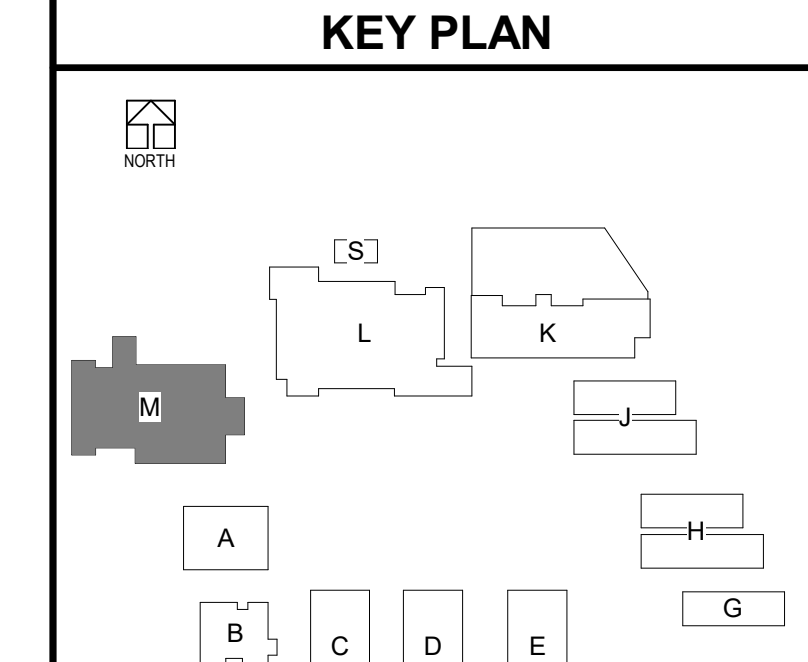
- ### GENERAL NOTES
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 - DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE
 - INCLUDE ALL OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE, AND SHALL COORDINATE WITH THE OWNER TO ACCOMMODATE THESE ITEMS.
 - COORDINATE ALL MECHANICAL CHASE SIZES WITH THE MECHANICAL CONTRACTOR
 - ARCHITECTURAL FINISH FLOOR ELEVATION 0'-0"
 - SEE FLOOR & CODE PLANS FOR LOCATION OF WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION. ALL WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE
 - ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH PENETRATION FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTANCE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 070413.
 - COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS SHOWN ON PLANS
 - FIRE-RESISTANCE-RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL.
 - CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY. SEE DRAWING FOR QUANTITIES AND LOCATION OF WORK. SEE SPECIFICATIONS FOR QUALITIES AND CONDITIONS OF WORK.
 - WORK: ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED, BUT NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED AND INDICATED IN THE CONTRACTOR'S BID.
 - GENERAL SHEET NOTES ONLY APPLY TO PARTICULAR DRAWING OR SERIES OF DRAWINGS.
 - NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT
 - DO NOT SCALE DRAWINGS. DIMENSIONS NOTED PREVAIL. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.
 - HORIZONTAL AND VERTICAL DIMENSIONS ARE MINIMUM DIMENSIONS. CLEARANCES ARE GIVEN TO FINISH SURFACES. GO TO VERIFY ALL CLEARANCES. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.



FLOOR PLAN LEGEND

[Symbol]	MINIMAL INTERIOR ARCHITECTURAL WORK
[Symbol]	(E) STUD WALL
[Symbol]	(E) C.M.U. WALL
[Symbol]	(E) 1HR RATED WALL
[Symbol]	(E) 2HR RATED WALL
[Symbol]	(N) OR INFILL STUD WALL. SEE 42/A115 FOR INFILL WALL
[Symbol]	INFILL 1HR RATED WALL
[Symbol]	(M) DOOR
[Symbol]	(N) CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO

NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.



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FLOOR PLAN - BLDG M GYMNASIUM - LEVEL 1
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2

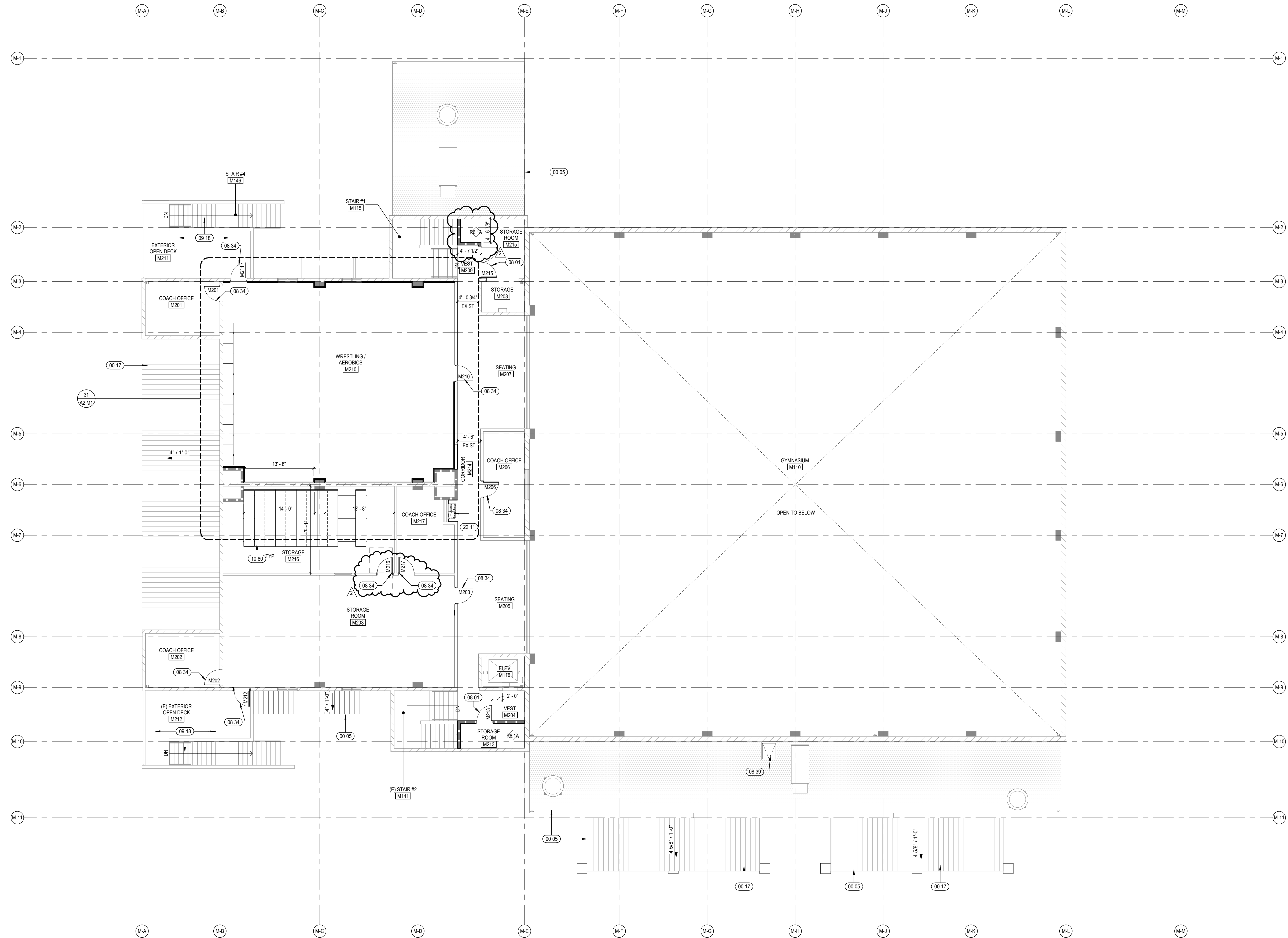
PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

A1.M1

ADDEND 11/18/2022
 UNIT 2

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BLDG M - LEVEL 01
 SCALE: 1/8" = 1'-0"

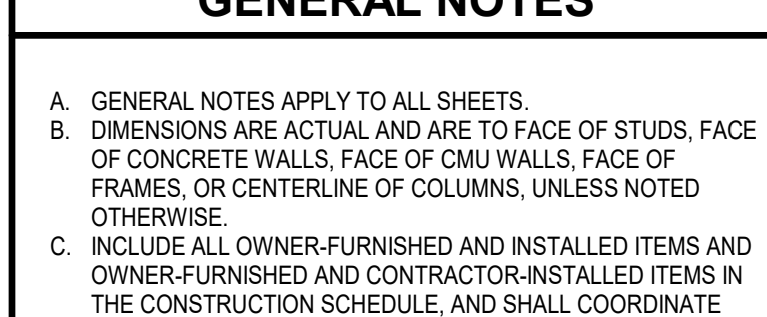


KEYNOTES

00 05	LINE OF ROOF BELOW. SEE ROOF PLANS.
00 17	(E) METAL ROOF TO REMAIN. PAINT PER SPECIFICATION.
08 01	HM DOOR AND FRAME, PRIMED & PAINTED. SEE DOOR SCHEDULE.
08 34	NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A8.2 & A8.3.
08 39	(E) ROOF HATCH TO REMAIN.
09 18	SLIP-RESISTANT COATING AT EXTERIOR ELEVATED WALKWAYS, STAIRS AND LANDINGS. SEE TRAFFIC COATING SPEC SECTION.
10 80	HIGH DENSITY MOBILE SHELVING PER SPECIFICATION.
22 11	(N) HLO DRINKING FOUNTAIN W/ BOTTLE FILLER. SEE DETAILS 14/CP2.1 & 41/A11.5.

GENERAL NOTES

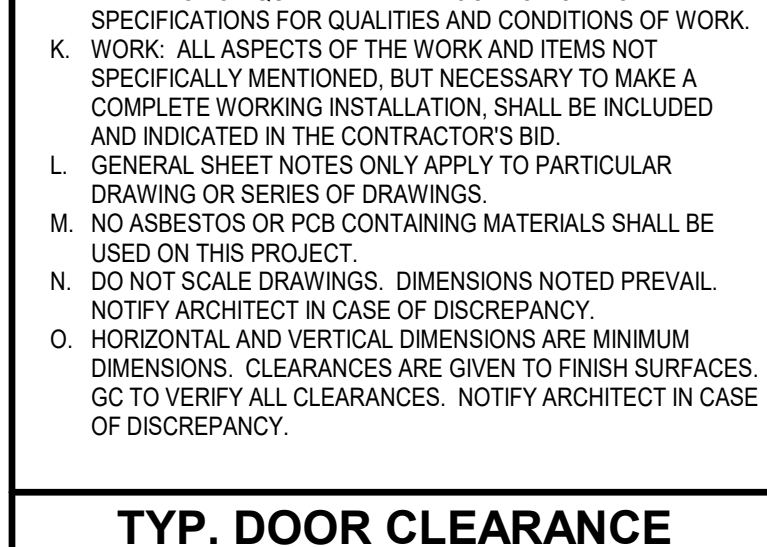
- GENERAL NOTES APPLY TO ALL SHEETS.
- DIMENSIONS ARE ACTUAL AND ARE TO FACE OF STUDS, FACE OF CONCRETE WALLS, FACE OF CMU WALLS, FACE OF FRAMES, OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- INCLUDE ALL OWNER-FURNISHED AND INSTALLED ITEMS AND OWNER-FURNISHED AND CONTRACTOR-INSTALLED ITEMS IN THE CONSTRUCTION SCHEDULE AND SHALL COORDINATE WITH THE OWNER TO ACCOMMODATE THESE ITEMS.
- COORDINATE ALL MECHANICAL CHASE SIZES WITH THE MECHANICAL CONTRACTOR.
- ARCHITECTURAL FINISH FLOOR ELEVATION 0'-0".
- SEE FLOOR & CODE PLANS FOR LOCATION OF WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION. ALL WALLS OF FIRE-RESISTANCE-RATED CONSTRUCTION SHALL EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE.
- ALL PENETRATIONS THROUGH WALLS SHALL BE SEALED WITH PENETRATION FIRE STOPPING MATERIAL AS REQUIRED TO ACHIEVE THE RESPECTIVE FIRE-RESISTANCE RATING AND SMOKE STOPPAGE. SEE SPECIFICATION SECTION 07413.
- COORDINATE WITH MECHANICAL AND ELECTRICAL CONTRACTORS THE SIZE AND LOCATION OF EQUIPMENT PADS SHOWN ON PLANS.
- FIRE-RESISTANCE-RATED ENCLOSURES AROUND ALL STEEL COLUMNS SHALL BE CONTINUOUS FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK ABOVE FOR EACH LEVEL.
- CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY. SEE DRAWING FOR QUANTITIES AND LOCATION OF WORK. SEE SPECIFICATIONS FOR QUALITIES AND CONDITIONS OF WORK.
- WORK: ALL ASPECTS OF THE WORK AND ITEMS NOT SPECIFICALLY MENTIONED BUT NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION, SHALL BE INCLUDED AND INDICATED IN THE CONTRACTOR'S BID.
- GENERAL SHEET NOTES ONLY APPLY TO PARTICULAR DRAWING OR SERIES OF DRAWINGS.
- NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT.
- DO NOT SCALE DRAWINGS. DIMENSIONS NOTED PREVAIL. NOTIFY ARCHITECT IN CASE OF DISCREPANCY.
- GENERAL SHEET NOTES ONLY APPLY TO PARTICULAR DRAWING OR SERIES OF DRAWINGS.
- NO ASBESTOS OR PCB CONTAINING MATERIALS SHALL BE USED ON THIS PROJECT.
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FLOOR PLAN LEGEND

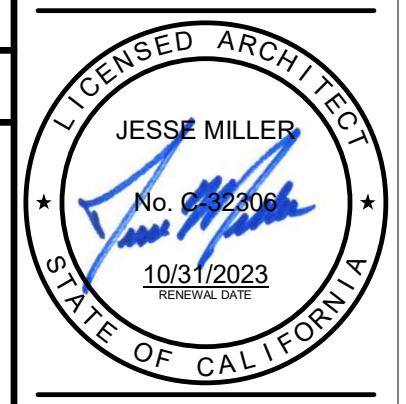
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[Symbol]	(E) STUD WALL
[Symbol]	(E) C.M.U. WALL
[Symbol]	(E) 1HR RATED WALL
[Symbol]	(E) 2HR RATED WALL
[Symbol]	(N) OR INFILL STUD WALL. SEE 42/A11.5 FOR INFILL WALL.
[Symbol]	INFILL 1HR RATED WALL
[Symbol]	(M) DOOR
[Symbol]	(N) CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO.

NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.



BLDG M - LEVEL 02
SCALE: 1/8" = 1'-0"

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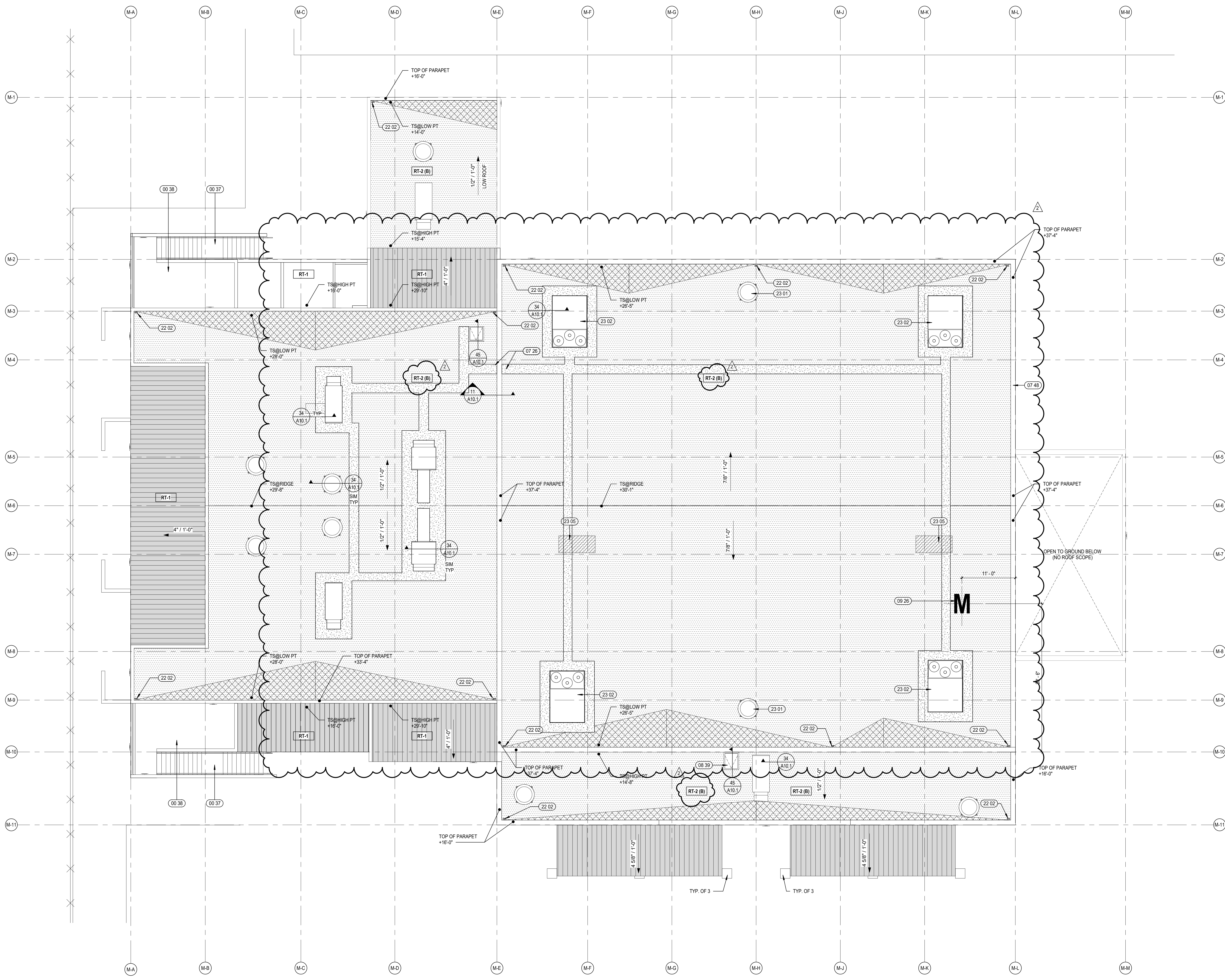
FLOOR PLAN - BLDG M GYMNASIUM - LEVEL 2
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2

PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10
A1.M2

ADDENDUM 2

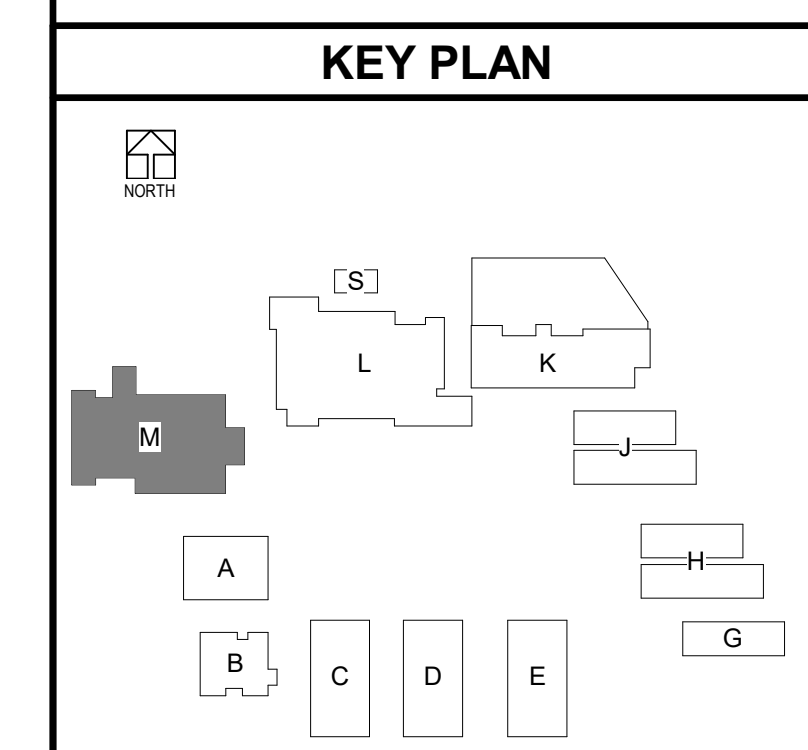
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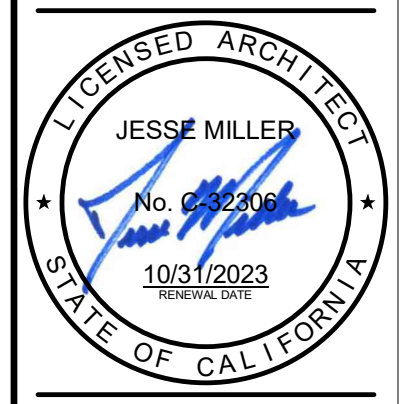
- ### KEYNOTES
- 00 37 OPEN TO STAIR BELOW
 - 00 38 (E) ROOF ACCESSORY: ROOF LADDER TO REMAIN
 - 07 43 (N) COPING CAP: TYP - REFER TO DETAIL 15A10.1
 - 08 39 (E) ROOF HATCH TO REMAIN
 - 09 28 PAINT BUILDING LETTER IDENTIFICATION ON TPA MEMBRANE ROOFING, SIZE: 8'-0" TALL, FONT: ARAL, W/F: TREMCO (REPUBLIC RESTORATION SYSTEMS) ALPHAGUARD FLUID APPLIED ROOF SYSTEM, COLOR: MEDIUM GRAY
 - 22 02 (E) ROOF & OVERFLOW ROOF DRAIN, SEE DETAIL 53A10.1
 - 23 01 NEW ROOFTOP EXHAUST FAN, SEE M DWGS
 - 23 02 NEW ROOFTOP MECHANICAL UNIT, SEE M02 MECHANICAL SCHEDULE
 - 23 05 DEMOLISH (E) ROOF TOP MECHANICAL UNIT, SEE M DWGS. INFILL ROOFTOP ASSEMBLY AND STRUCTURAL SHEATHING AS REQUIRED

- ### ROOF PLAN GENERAL NOTES
- A. ROOF PLAN GENERAL NOTES APPLY TO ALL ROOF PLAN SHEETS.
 - B. ROOF SLOPES ARE CREATED BY SLOPING THE ROOF STRUCTURE UNLESS NOTED OTHERWISE. SEE STRUCTURAL DRAWINGS FOR ELEVATIONS OF THE HIGH AND LOW POINTS TO DETERMINE PROPER TAPER IN INSULATION.
 - C. TAPERED INSULATION SHALL PROVIDE A MINIMUM OF 1/4-INCH PER FOOT OF SLOPE TO ROOF DRAINS, UNLESS NOTED OTHERWISE.
 - D. ALL ROOF CURBS TO BE A MINIMUM OF 8 INCHES ABOVE ROOFING LEVELS. FIELD VERIFY HEIGHT OF EXISTING ROOF CURBS TO REMAIN AND IF THEY DO NOT MEET 8 INCH HEIGHT, BUILD-UP AND EXTEND CURBS TO REQUIRED HEIGHT.
 - E. PROVIDE TAPERED INSULATION ROOF SADDLES AT ROOF CURBS TO PROVIDE DRAINAGE AROUND CURB.
 - F. SEE STRUCTURAL DRAWINGS FOR FRAMING AROUND ROOF PENETRATIONS.
 - G. COORDINATE THE SIZE AND LOCATION OF ROOF PENETRATIONS FOR MECHANICAL AND ELECTRICAL EQUIPMENT. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PENETRATIONS NOT SHOWN ON THIS DRAWING.
 - H. FLASH DRAINS, CURBS, VENTS AND STACKS PER MANUFACTURER'S RECOMMENDATIONS IF DETAIL NOT SHOWN ON DRAWINGS.
 - I. NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0" EACH SIDE OF FIREWALL. SEE CODE PLAN FOR FIRE WALL LOCATIONS.
 - J. ALL SPOT ELEVATIONS OF EXISTING CONDITIONS ARE FOR REFERENCE ONLY AND ARE TO BE VERIFIED IN FIELD.
 - K. RF-2(C) INDICATES AREAS OF EXPECTED ZONLITE CONCRETE FILL ABOVE STEEL DECK AS EXISTING ROOFING ASSEMBLY. ALL EXISTING ROOF DECKS TO BE FIELD VERIFIED BY CONTRACTOR.
 - L. CONTRACTOR TO REMOVE (E) BUILT-UP ROOFING AT BUILDINGS G, H AND J. (E) ROOF DRAINS ARE TO REMAIN. U.N.O., (E) ROOF TOP MECHANICAL IS TO REMAIN U.N.O.

- ### ROOF PLAN LEGEND
- RT-1 (E) METAL ROOFING, PAINTED PER EXTERIOR ELEVATION
 - RT-2 (B) (N) SINGLE PLY ROOFING, SEE 26/A10.1
 - (N) TAPERED INSULATION, ATTACH PER DETAIL 31/A10.1
 - (E) ROOFTOP EXHAUST FAN & CURB, SEE 34/A10.1
 - ROOF WALKWAY PADS



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ROOF PLAN - BLDG M GYMNASIUM
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91733

100% CDs
 03/01/2022
 Date: 11/18/2022 Description: ADDENDUM 2



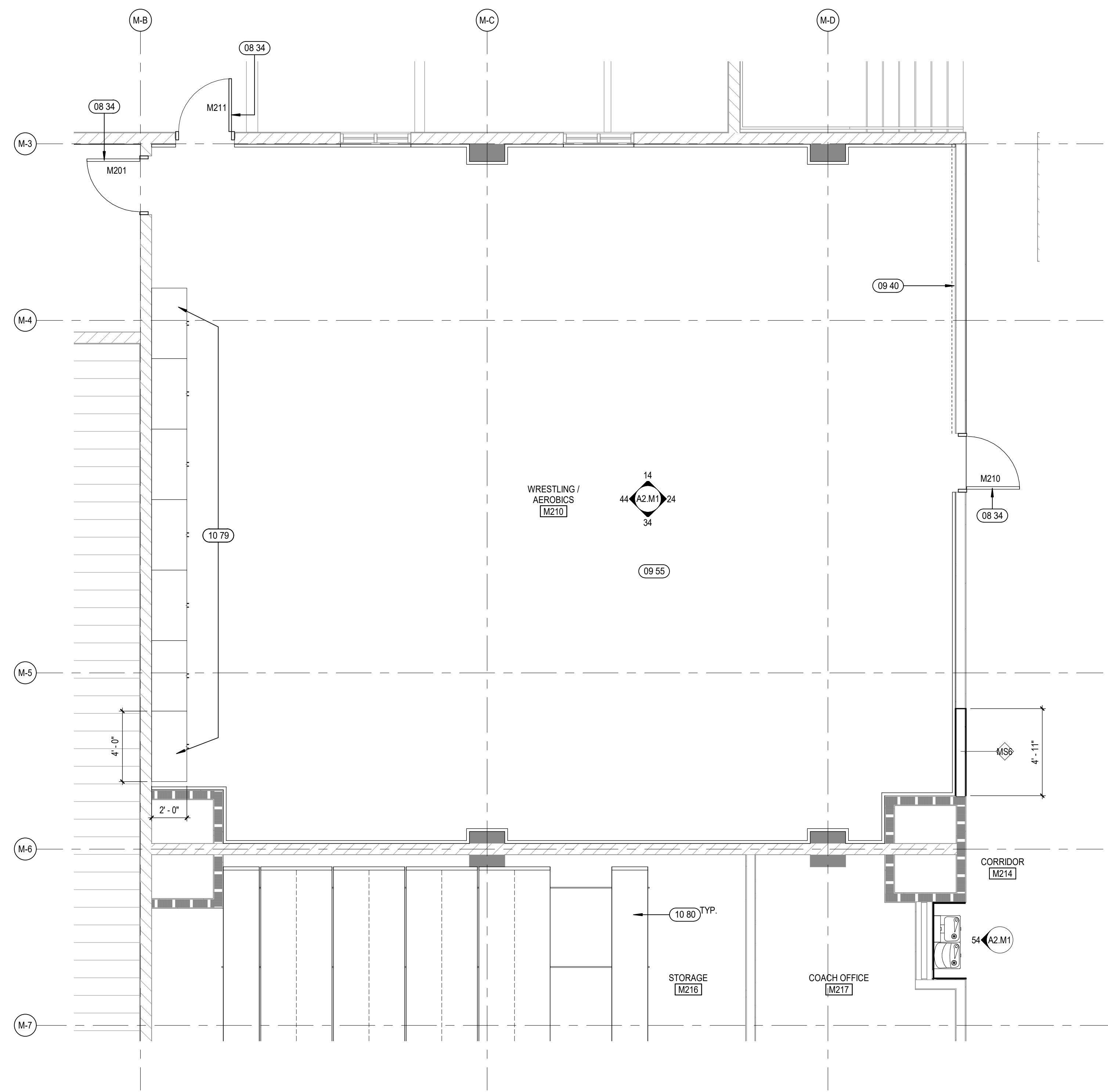
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 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

A1.M3

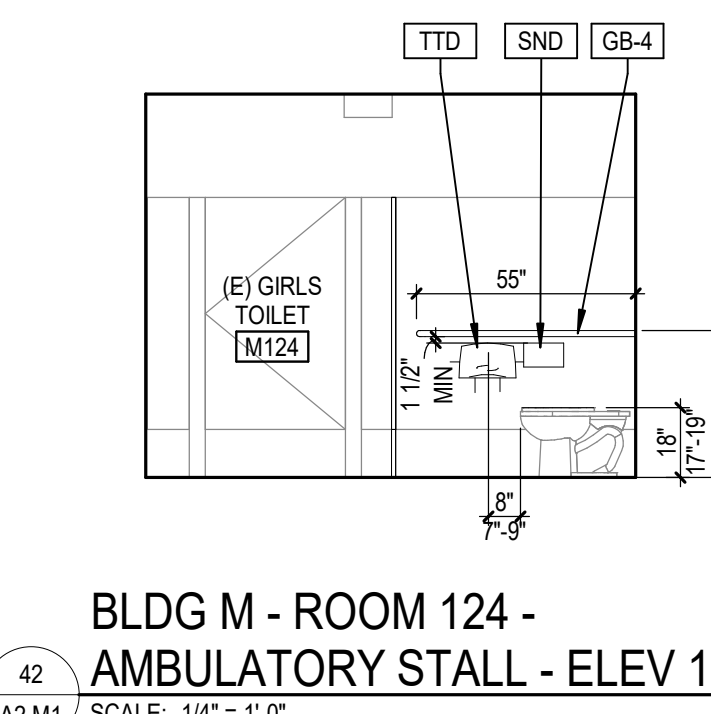
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ADDEND 11/18/2022
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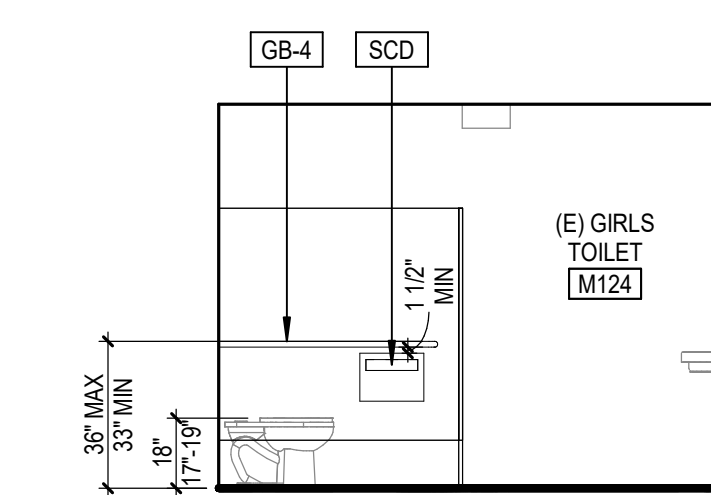
31 BLDG M - ENLARGED PLAN - ROOM M210
A2.M1 SCALE: 1/4" = 1'-0"



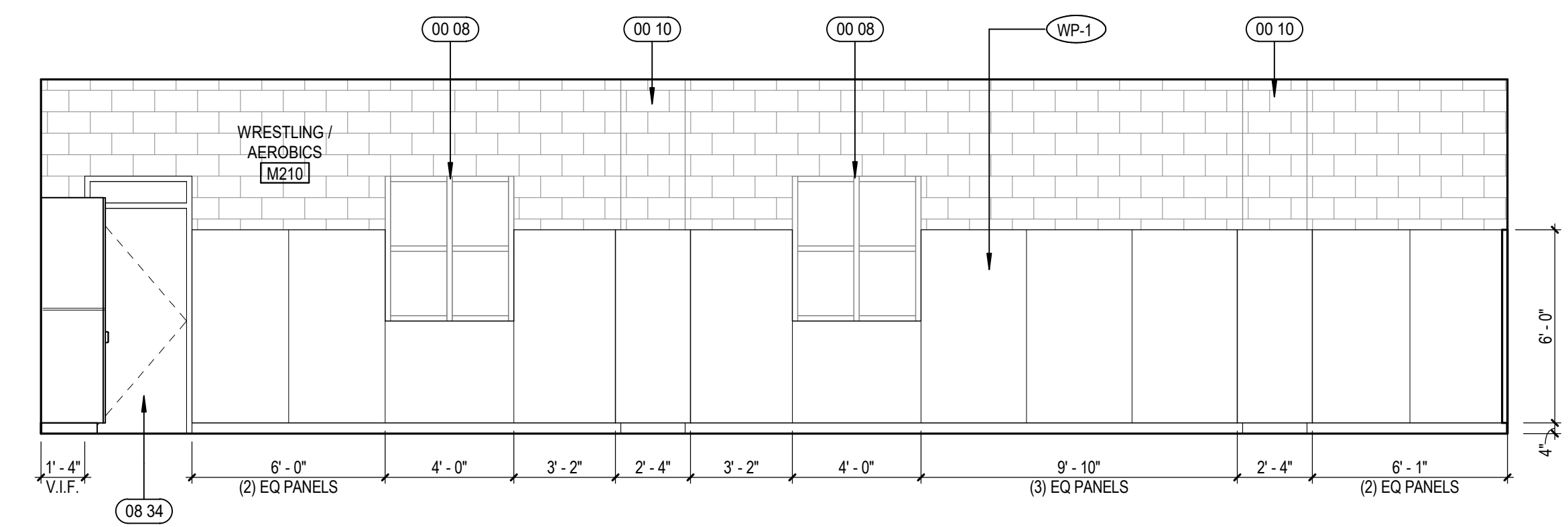
42 BLDG M - ROOM 124 - AMBULATORY STALL - ELEV 1
A2.M1 SCALE: 1/4" = 1'-0"

TOILET ACCESSORIES ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
GB-1	GRAB BAR (BACK WALL)
GB-2	GRAB BAR (SIDE WALL)
GB-4	GRAB BAR (AMBULATORY STALL)
MR	MIRROR (18 X 30 U.N.O.)
SD	SEAT COVER DISPENSER
SCD	LIQUID SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL
PTD-1	SURFACE MOUNTED TOILET PAPER DISPENSER
PTD-2	PAPER TOWEL DISPENSER - TOUCHLESS
SNV	SANITARY NAPKIN VENDOR

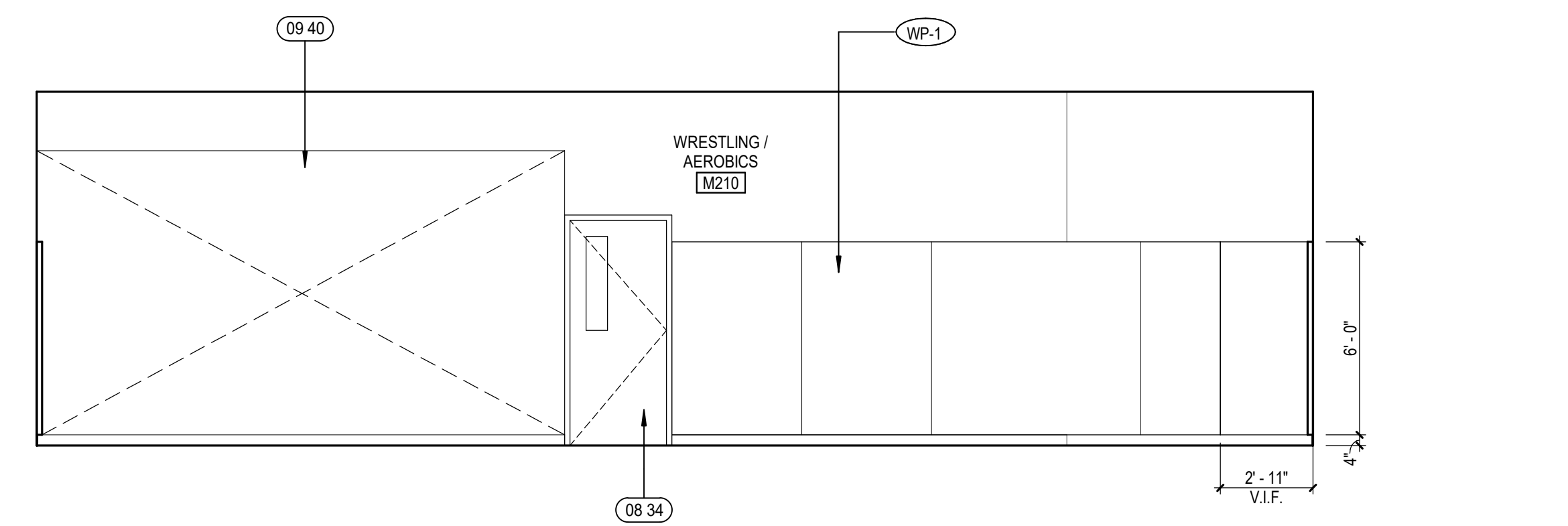
SEE SHEET CP2.1 FOR MOUNTING HEIGHT INFO



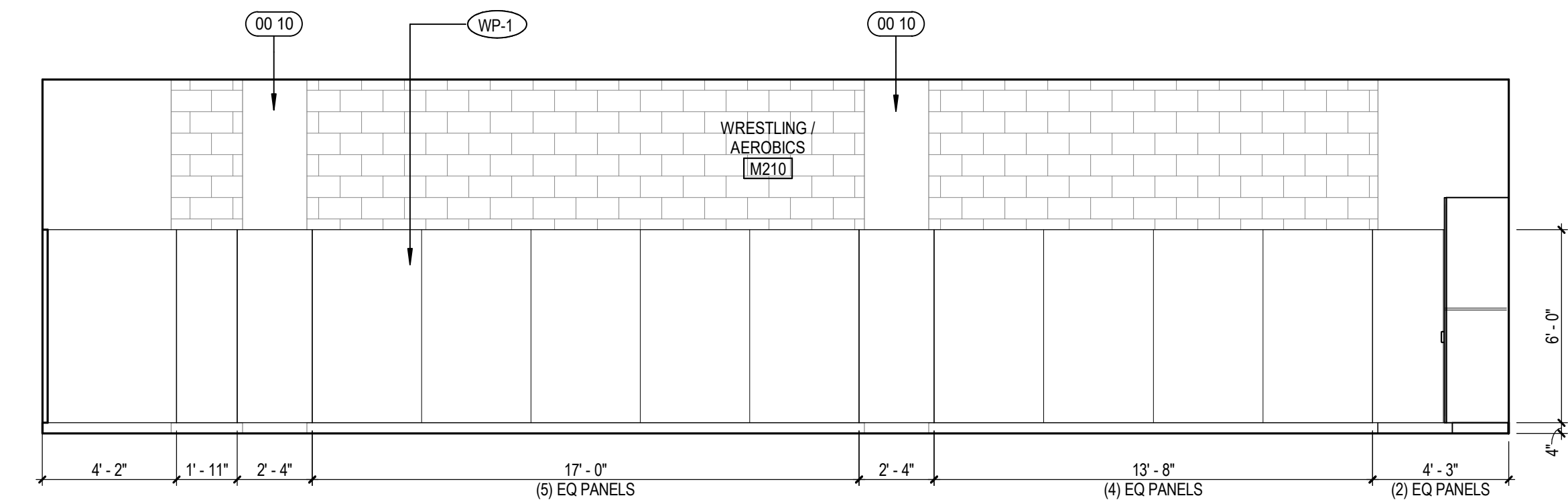
52 BLDG M - ROOM 124 - AMBULATORY STALL - ELEV 2
A2.M1 SCALE: 1/4" = 1'-0"



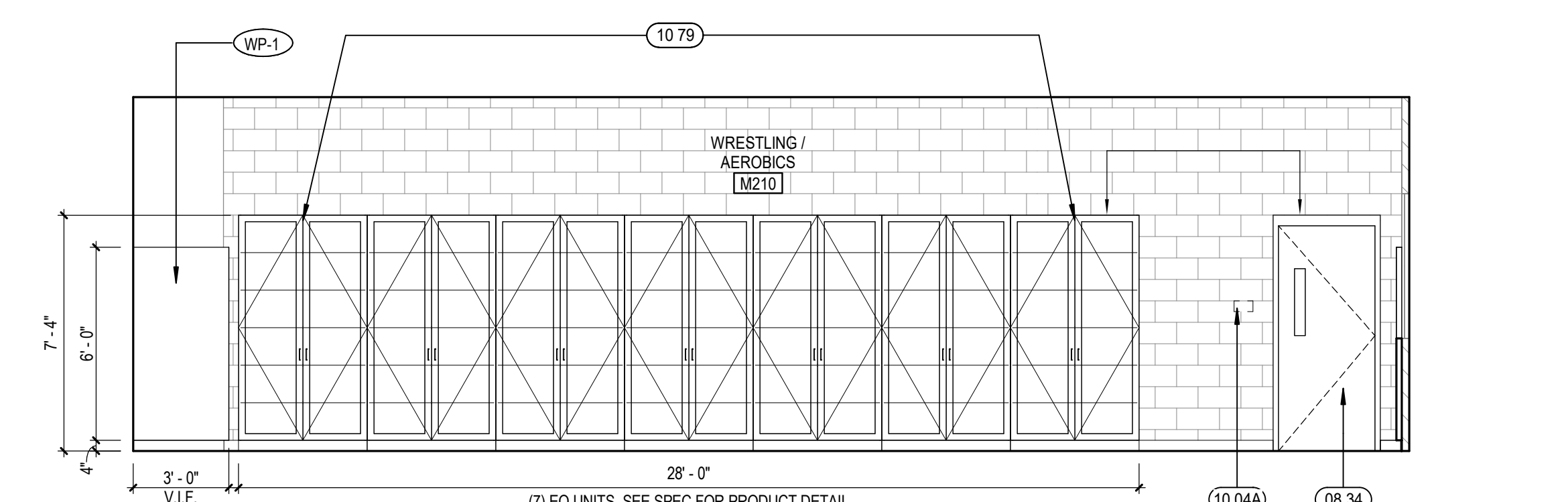
14 ROOM M210 - NORTH ELEV
A2.M1 SCALE: 1/4" = 1'-0"



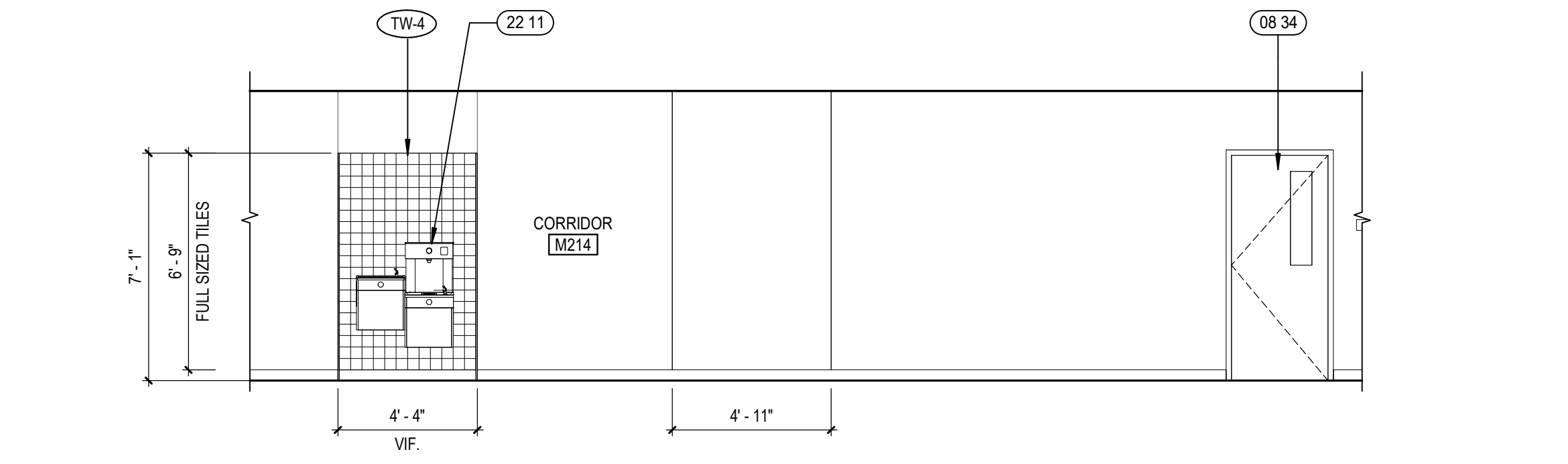
24 ROOM M210 - EAST ELEV
A2.M1 SCALE: 1/4" = 1'-0"



34 ROOM M210 - SOUTH ELEV
A2.M1 SCALE: 1/4" = 1'-0"



44 ROOM M210 - WEST ELEV
A2.M1 SCALE: 1/4" = 1'-0"



54 ROOM M214 - WEST ELEV
A2.M1 SCALE: 1/4" = 1'-0"

KEYNOTES

- 00 08 (E) WINDOW TO REMAIN - PAINTED
- 00 10 (E) COLUMN TO REMAIN - PAINTED
- 08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A8.2 & A8.3
- 09 40 EXISTING WALL GRAPHIC TO REMAIN. PROTECT DURING CONSTRUCTION
- 09 55 NEW INTERIOR FINISHES IN AREA OF SCOPE. REFER TO FINISH PLANS FOR DETAILS
- 10 04A SIGNAGE. SEE SIGNAGE PLANS FOR DETAIL
- 10 79 EQUIPMENT STORAGE PER SPECIFICATION
- 10 80 HIGH DENSITY MOBILE SHELVING PER SPECIFICATION
- 22 11 (N) HI-LO DRINKING FOUNTAIN W/ BOTTLE FILLER. SEE DETAILS 1402P.1 & 4101T.1.5
- 22 12 (E) HI-LO DRINKING FOUNTAIN TO REMAIN
- 22 21 URINAL. SEE P.D.WGS AND MOUNTING HT INFORMATION, SHEET CP2.1
- 22 62 (E) ACCESSIBLE WC TO REMAIN
- 22 63 (E) ACCESSIBLE LAVATORY TO REMAIN
- 22 65 ACCESSIBLE URINAL. SEE P.D.WGS AND MOUNTING HT INFORMATION, SHEET CP2.1

GENERAL NOTES FOR ACCESSIBILITY

- A. ACCESSIBLE URINAL SHALL PROVIDE CLEAR FLOOR SPACE PER CBC 2019 - 11B-605
- B. ACCESSIBLE WATER CLOSETS SHALL PROVIDE CLEAR SPACE PER CBC 2019 - 11B-604
- C. ACCESSIBLE LAVATORIES AND SINKS SHALL PROVIDE CLEAR SPACE PER CBC 2019 - 11B-606
- D. ACCESSIBLE TOILET ROOMS SHALL PROVIDE A TURNING SPACE OF 60 INCHES IN DIAMETER PER CBC 2019 - 11B-304.3.1
- E. ACCESSIBLE WATER FOUNTAINS SHALL PROVIDE CLEAR FLOOR SPACE PER CBC 2019 - 11B-211
- F. ACCESSIBLE TOILET PARTITIONS SHALL COMPLY WITH CBC 2019 - 11B-604
- G. EXPOSED PIPES AND SURFACES UNDER LAVATORIES AND SINKS SHALL BE INSULATED PER CBC 2019 - 11B-605.5
- H. SEE SHEET CP2.1 FOR ADDITIONAL ACCESSIBILITY NOTES AND DETAILS

INTERIOR ELEVATION LEGEND

- XX XX XX CASEWORK ELEVATION
- XX INTERIOR ELEVATION
- XX XX XX ALIGNMENT SYMBOL
- XX XX KEYNOTE TAG
- XX XX FINISH KEY TAG
- XX XX DETAIL SECTION
- XX SPECIALTY EQUIPMENT TAG
- XX STOREFRONT TAG
- XX WINDOW TAG
- X WALL TAG. SEE SHEET A8.1

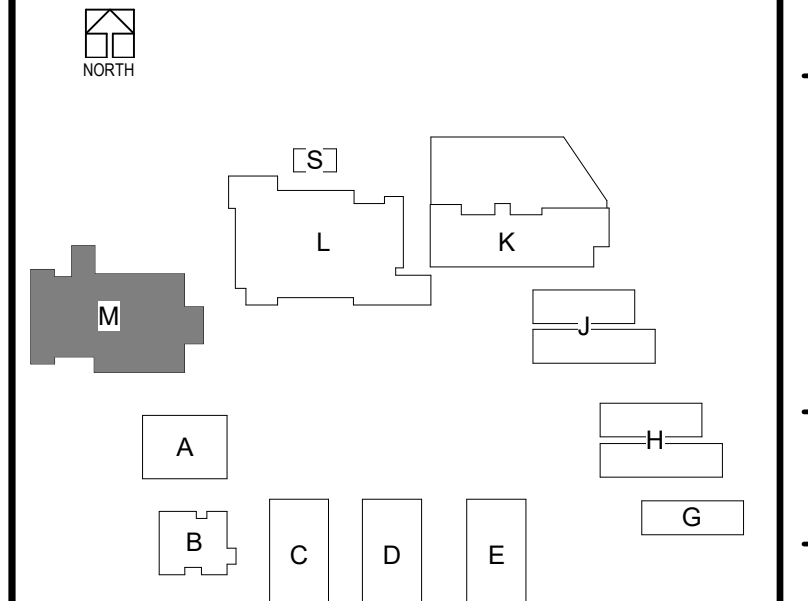
INTERIOR ELEVATION GENERAL NOTES

- A. REFER TO FINISH SCHEDULE ON SHEET A12.00 AND FINISH PLANS ON A12 SERIES FOR ADDITIONAL FINISH INFO.
- B. PROVIDE CLOSURE PANELS AT ALL CABINET JOINT CORNERS.
- C. GENERAL COUNTERTOP & CASEWORK FINISH IS PL-4, U.O.N. PROVIDE VERTICAL GRAIN DIRECTION ON VERTICAL SURFACES & HORIZONTAL GRAIN DIRECTION ON HORIZONTAL/PLANAR SURFACES.
- D. ALL NEW AND EXISTING PARTITIONS TO BE FINISHED IN P-1 & RS-1, U.N.O.
- E. ALL INFILL PARTITIONS TO BE FLUSHED WITH ADJACENT WALLS. PREPARE TO RECEIVE SCHEDULED WALL FINISH.
- F. REFER TO ELECTRICAL SHEETS FOR OUTLET LOCATIONS, AVOID PLACING OUTLETS AT SINK AREAS.

FLOOR PLAN LEGEND

- MINIMAL INTERIOR ARCHITECTURAL WORK
 - (E) STUD WALL
 - (E) C.M.U. WALL
 - (E) 1HR RATED WALL
 - (E) 2HR RATED WALL
 - (N) OR INFILL STUD WALL. SEE 42/A11.5 FOR INFILL WALL
 - (M) DOOR
 - (N) CASEWORK. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFO
- NOTE: REPLACE ALL GYP REMOVED IN DEMO PHASE TO MATCH (E) U.N.O. SEE A12 SERIES FOR ADDITIONAL FINISH NOTES.

KEY PLAN



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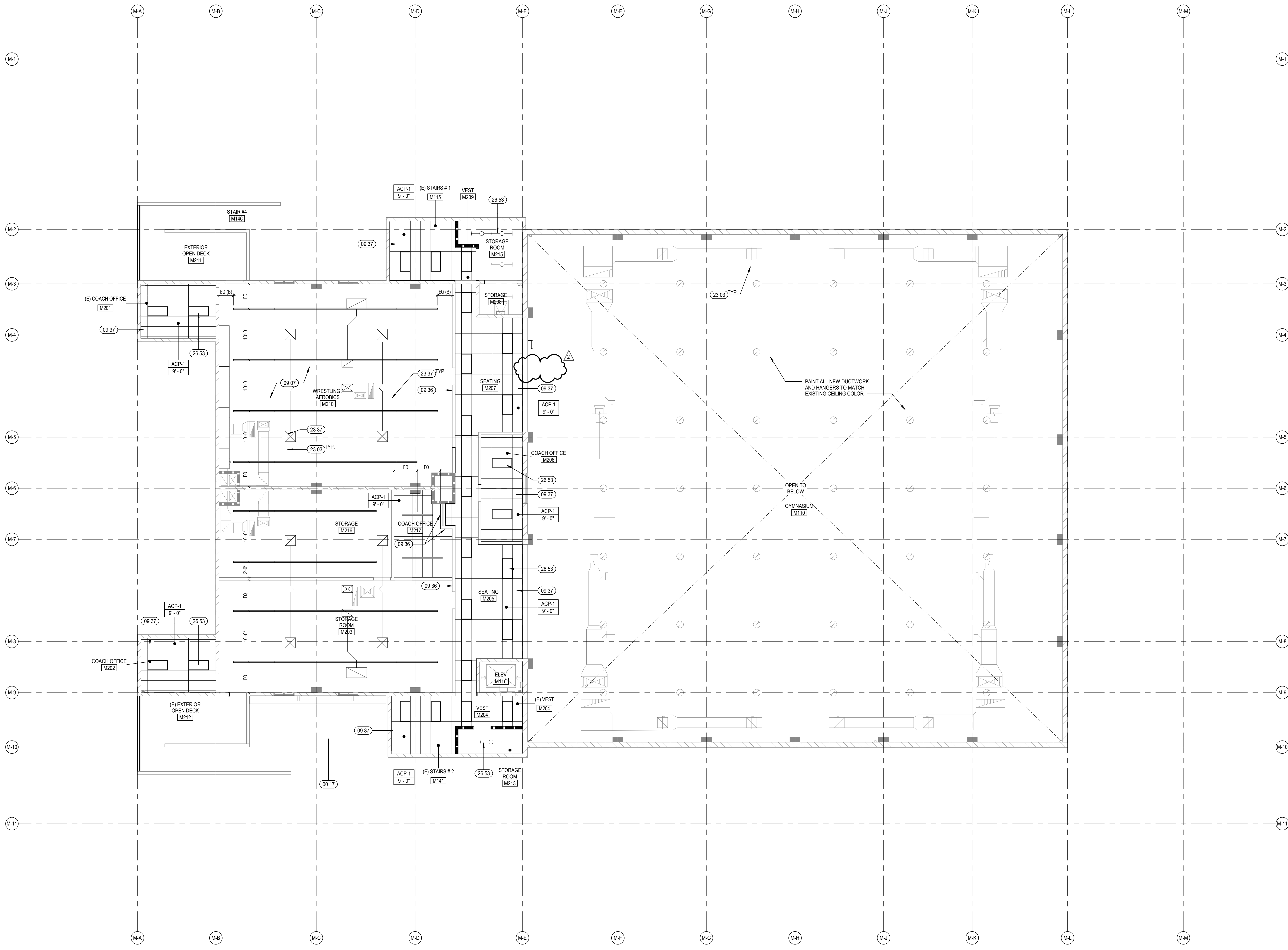
ENLARGED PLANS & INTERIOR ELEVATIONS
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91723

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03/01/2022



3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

A2.M1



KEYNOTES

- 00 17 (E) METAL ROOF TO REMAIN, PAINT PER SPECIFICATION
- 09 07 (E) METAL ROOF TO REMAIN, PAINT PER SPECIFICATION
- 09 36 PROVIDE NEW GYP. BD. FROM EXISTING CEILING LINE TO ROOF DECK ABOVE
- 09 37 NEW SUSPENDED ACOUSTICAL CEILING
- 23 03 MECHANICAL DUCT, SEE M DWGS
- 23 37 MECHANICAL SUPPLY/RETURN GRILLE, SEE M DWGS
- 26 53 LIGHT FIXTURE, SEE ELECTRICAL DWGS

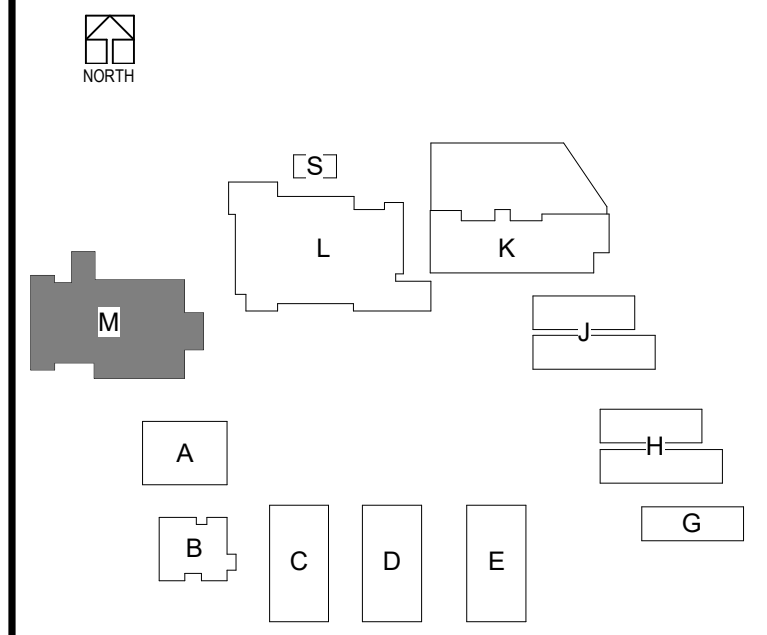
REFLECTED CEILING PLAN GENERAL NOTES

- A. REFLECTED CEILING PLAN GENERAL NOTES APPLY TO ALL REFLECTED CEILING PLAN SHEETS.
- B. ALL CEILING GRID/PANELS SHALL BE CENTERED IN EACH ROOM UNLESS NOTED OTHERWISE.
- C. CEILING HEIGHTS ARE NOTED ON THE REFLECTED CEILING PLANS ARE MEASURED FROM THE FINISH FLOOR OF THE ROOM.
- D. ALL ELECTRICAL FIXTURES, SPEAKERS, SMOKE AND THERMAL DETECTORS, MECHANICAL GRILLES, SPRINKLER HEADS, AND OTHER CEILING MOUNTED DEVICES, SHALL BE CENTERED BETWEEN CEILING GRIDS UNLESS NOTED OTHERWISE. SPRINKLER HEADS SHALL BE WITHIN A 3-INCH RADIUS CENTERED BETWEEN CEILING GRIDS.
- E. IN ACOUSTICAL CEILING PANELS WITH SCORE IN THE CENTER, CENTER DEVICES REFERENCE IN NOTE D IN ONE HALF OF THE TILE. DO NOT LOCATE ON THE SCORE. FOR APC WITH MULTIPLE SCORED PATTERNS, COORDINATE LOCATION WITH THE ARCHITECT.
- F. PROVIDE SUSPENSION SYSTEM AROUND ELECTRICAL FIXTURES, MECHANICAL GRILLES, DIFFUSERS, AND OTHER CEILING MOUNTED DEVICES, AT ACOUSTICAL PANEL CEILING.
- G. ALL DIMENSIONS ON REFLECTED CEILING PLANS ARE ACTUAL AND ARE TO THE FOLLOWING UNLESS NOTED OTHERWISE:
 - a. FACE OF FINISHED WALL
 - b. FACE OF FINISHED BULKHEADS
 - c. CENTERLINE OF COLUMNS
 - d. CENTERLINE OF TEES
- H. IN AREAS WITH EXPOSED STRUCTURE CEILING, COORDINATE EXACT LOCATIONS OF MECHANICAL GRILLES, DIFFUSERS, DUCTWORK AND ELECTRICAL FIXTURES WITH EACH REPRESENTATIVE SUBCONTRACTOR.
- I. ALL WALLS EXTEND TO UNDERSIDE OF DECK EXCEPT THOSE SHOWN SHADDED IN WHICH GYPSUM BOARD OR MASONRY EXTENDS MIN 4 INCHES ABOVE FINISHED CEILING. ALL METAL STUDS EXTEND TO UNDERSIDE OF FLOOR OR ROOF DECK.
- J. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EXACT QUANTITIES, TYPES, AND LOCATIONS OF LIGHTING FIXTURES, HVAC DUCT AND DIFFUSERS.
- K. AT OPEN CEILING CONDITION, PAINT UNDERSIDE OF THE STRUCTURE INCLUDING BUT NOT LIMITED TO MECHANICAL AND ELECTRICAL ITEMS.
- L. ALL FS RECESSED DOWN LIGHTS TO BE INSTALLED AT THE CENTER OF THE CEILING TILE.
- M. SEE SHEETS A11.11, A 11.12 & A11.13 FOR CEILING AND CEILING ACCESSORY DETAILS.
- N. REFER TO SHEET A8.1 FOR WALL TYPES.

CEILING PLAN LEGEND

	NO CEILING WORK IN THAT AREA
	(E) ACT CEILING TO REMAIN
	(E) GYP. BD. CEILING TO REMAIN
	EXPOSED CEILING. PAINT ALL EXPOSED COMPONENTS INCL. BUT NOT LIMITED TO STRUCT. FRAMING, MEP ITEMS, DUCTS, CONDUITS, PIPES, HANGARS, ETC. SPRAY ON FIRE PROOFING, U.N.C.
	ACP (N) ACT CEILING, SEE DETAILS AT SHEETS A11.11 & A11.12
	GYP (N) GYP. BD. CEILING/SOFFIT
	PL (N) PLASTER CEILING
	AWC (N) ACP/AWC ACOUSTICAL Baffle CEILING SEE DETAILS AT SHEET A11.13
	(N) LIGHT FIXTURE (2'x4') 54 13 A11.11 A11.12
	(N) LIGHT FIXTURE (DOWN LIGHT) 34 A11.12
	(N) LIGHT FIXTURE (LINEAR LIGHT) SEE E DWGS
	(N) CEILING ACCESS PANEL 14 A11.12

KEY PLAN



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 Architecture Engineering Planning Interiors
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JESSE MILLER
 No. 62280
 10/31/2023
 STATE OF CALIFORNIA
 LICENSED ARCHITECT

REFLECTED CEILING PLAN - BLDG M - LEVEL 2
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave., South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2

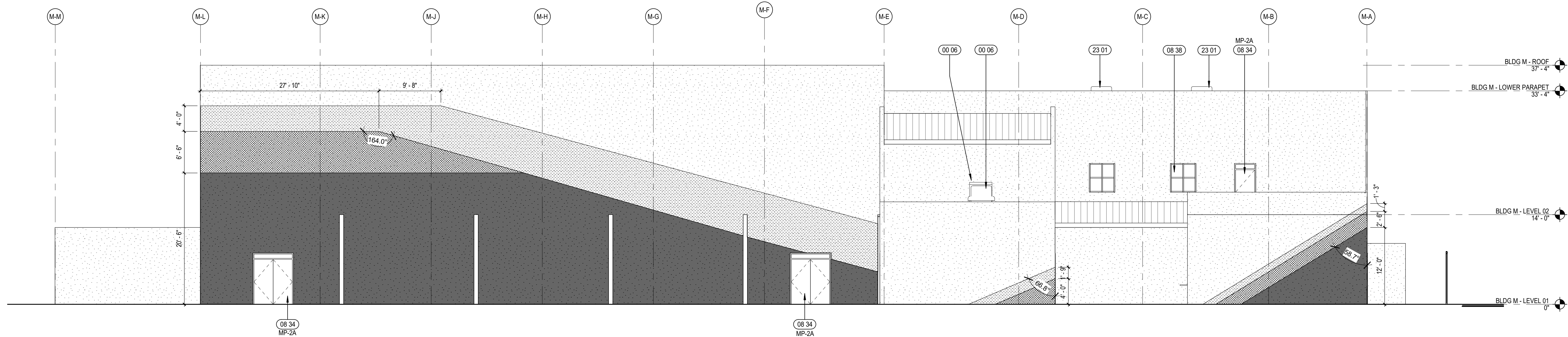


3537 Johnson Ave.
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL. #03-122081
 DSA FILE #19-H10

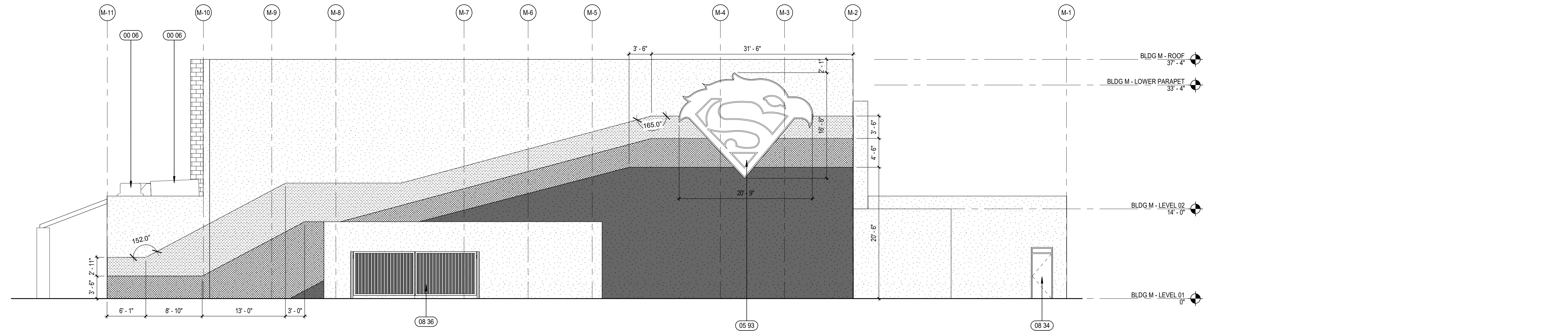
A3.M2

BLDG M - RCP - LEVEL 02
 SCALE: 1/8" = 1'-0"

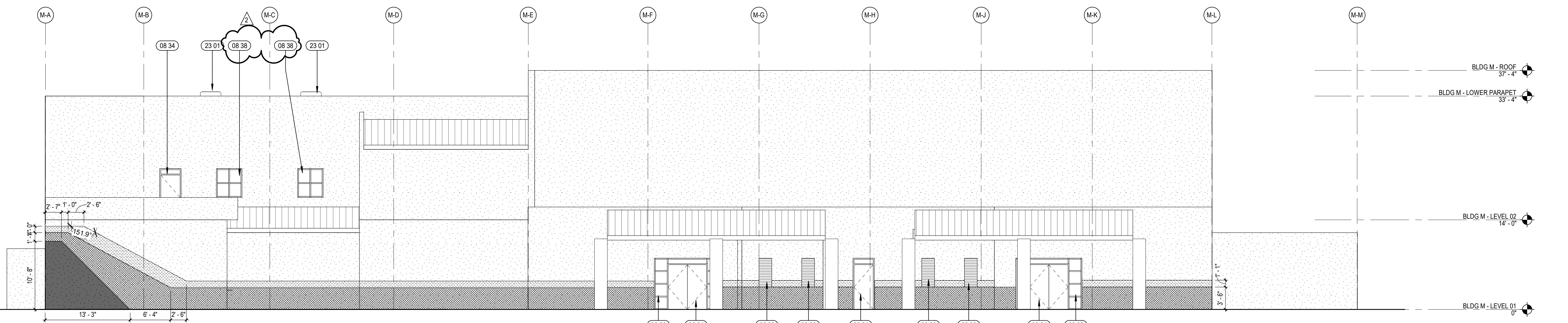
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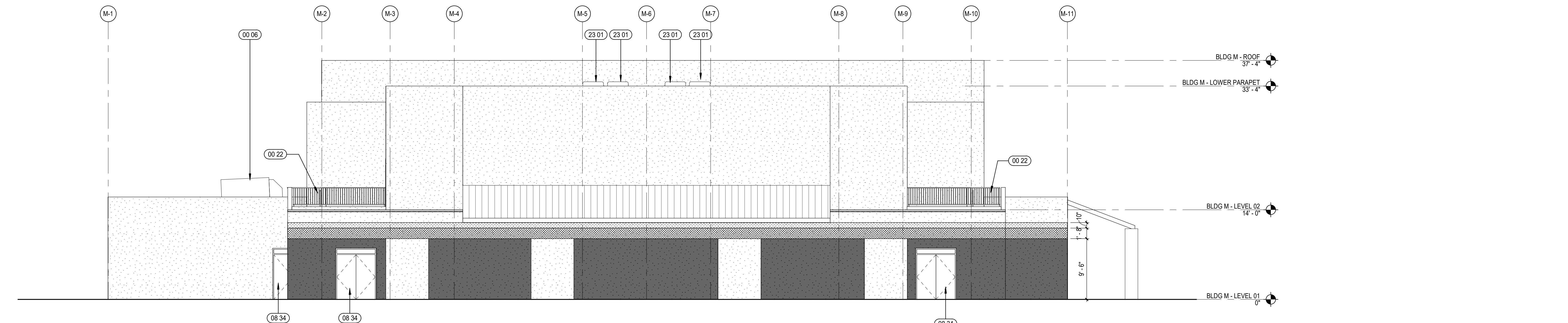
1 BLDG M - NORTH
A4.M1 / SCALE: 1/8" = 1'-0"



2 BLDG M - EAST
A4.M1 / SCALE: 1/8" = 1'-0"



3 BLDG M - SOUTH
A4.M1 / SCALE: 1/8" = 1'-0"



4 BLDG M - WEST
A4.M1 / SCALE: 1/8" = 1'-0"

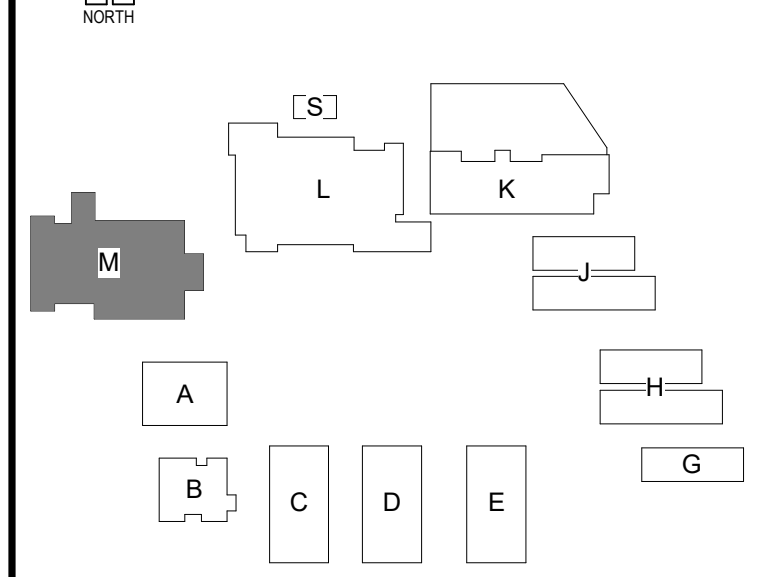
KEYNOTES

00 06	(E) ROOF EQUIPMENT TO REMAIN. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFO.
00 22	(E) GUARDRAIL TO REMAIN. SEE EXTERIOR ELEVATION FOR FINISH INFO.
05 93	EXTERIOR BUILDING SIGNAGE - PAINTED.
08 34	NEW/REPLACED DOOR AND FRAME, SEE PLANS AND DOORFRAME SCHEDULE ON SHEETS A4.2 & A4.3.
08 36	(E) DOOR/GATE TO REMAIN, PAINTED.
08 38	(E) EXTERIOR WINDOW TO REMAIN, PAINT FRAME.
23 01	NEW ROOFTOP EXHAUST FAN, SEE M DWGS.

EXTERIOR ELEVATION FINISH LEGEND

	MP-1 METAL ROOF COLOR: GREY - SEE SPEC SECTION 07 01 50 61
	MP-2X EXPOSED METAL, PAINTED X = COLOR, SEE COLOR LEGEND
MP - #A COLOR LEGEND:	
A	DARK BLUE, Dunn Edwards, Black River Falls DEA189
B	YELLOW, Dunn Edwards, Tuscan Sun DES341
PL - #A EXTERIOR PLASTER, BASE COLOR COLOR = LIGHT GRAY - MFR: ABCD MFR: Dunn Edwards, Stagit Silver DE1612	
PL - 2X EXTERIOR PLASTER - ACCENT COLORS X = COLOR, SEE PLASTER COLOR LEGEND	
PL - #A PLASTER COLOR LEGEND: MFR: ABCD	
A	NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B	YELLOW, Dunn Edwards, Tuscan Sun DES341
C	WHITE, Dunn Edwards, Coconut Grove DEHW03
	SD-1X SIDING X = COLOR, SEE SIDING COLOR LEGEND
SIDING COLOR LEGEND:	
A	NAVY BLUE, Dunn Edwards, Black River Falls DEA189
B	YELLOW, Dunn Edwards, Tuscan Sun DES341
C	WHITE, Dunn Edwards, Coconut Grove DEHW03

KEY PLAN



APPEND 11/10/22
UN12

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DOOR AND FRAME SCHEDULE - BLDG J

NO.	PANEL NO.	PANEL WIDTH	PANEL HEIGHT	PANEL THICKNESS	MATERIAL	GLASS	TYPE	FRAME		FIRE RATING	PANIC DEVICE	HARDWARE SET PER SPECS 08 71 00	DETAILS				COMMENTS	Door Security
								MATERIAL	TYPE				HEAD	JAMB LEFT	JAMB RIGHT	SILL		
J101	1	3'-0"	3'-0"	7'-0"	1 3/4"	HM	F	HM	1	No	03	51A8.5	52A8.5	52A8.5	54A8.5	CARD READER		

DOOR AND FRAME SCHEDULE - BLDG K

NO.	PANEL NO.	PANEL WIDTH	PANEL HEIGHT	PANEL THICKNESS	MATERIAL	GLASS	TYPE	FRAME		FIRE RATING	PANIC DEVICE	HARDWARE SET PER SPECS 08 71 00	DETAILS				COMMENTS	Door Security
								MATERIAL	TYPE				HEAD	JAMB LEFT	JAMB RIGHT	SILL		
K101A	1	3'-0"	3'-0"	7'-0"	1 3/4"	HM	F	HM	3	Yes	06	12A8.5 SIM	22A8.5	22A8.5	54A8.5	CARD READER, NO CLOSER		

DOOR AND FRAME SCHEDULE - BLDG L

NO.	PANEL NO.	PANEL WIDTH	PANEL HEIGHT	PANEL THICKNESS	MATERIAL	GLASS	TYPE	FRAME		FIRE RATING	PANIC DEVICE	HARDWARE SET PER SPECS 08 71 00	DETAILS				COMMENTS	Door Security	
								MATERIAL	TYPE				HEAD	JAMB LEFT	JAMB RIGHT	SILL			
L101A	1	3'-0"	3'-0"	7'-0"	1 3/4"	HM	FG	N	HM	1	45 MIN	64	13A8.5	23A8.5	23A8.5	34A8.5	CARD READER		

DOOR AND FRAME SCHEDULE - BLDG M

NO.	PANEL NO.	PANEL WIDTH	PANEL HEIGHT	PANEL THICKNESS	MATERIAL	GLASS	TYPE	FRAME		FIRE RATING	PANIC DEVICE	HARDWARE SET PER SPECS 08 71 00	DETAILS				COMMENTS	Door Security
								MATERIAL	TYPE				HEAD	JAMB LEFT	JAMB RIGHT	SILL		
M101A	2	3'-0"	3'-0"	7'-0"	1 3/4"	HM	F	(E)	(E)	Yes	02	12A8.5 SIM	22A8.5 SIM	22A8.5 SIM	54A8.5	(E) FRAME TO REMAIN, CARD READER		

GENERAL NOTES

- INSTALL EXTERIOR FRAMES WITH 1/4" SHIM AND JOINT SEALANT AROUND PERIMETER OF FRAME.
- MASONRY LITELS AND STEEL LITELS ARE INDICATED ON STRUCTURAL DRAWINGS.
- GLASS TYPES FOR DOORS ARE INDICATED IN "GLASS" COLUMNS OF DOOR AND FRAME SCHEDULE OR IN SPECIFICATIONS. GLASS TYPES FOR FRAMES ARE INDICATED ON FRAME ELEVATIONS OR IN SPECIFICATIONS.
- FRAME MANUFACTURER SHALL COORDINATE LOCATIONS OF CONCEALED CONDUIT AND J-BOXES REQUIRED FOR SECURITY SYSTEM HARDWARE PRIOR TO MANUFACTURING OF FOLLOW METAL FRAMES AND COORDINATE WITH SECURITY HARDWARE AND DEVICES.
- PROVIDE HIDE RECEIERS AT ALUMINUM STOREFRONTS AND CURTAINWALLS AS REQUIRED FOR FRAME AND STRUCTURAL DEFLECTION.
- SEE SPECIFICATIONS 087100 HARDWARE FOR HARDWARE SET NOTED IN DOOR SCHEDULE.

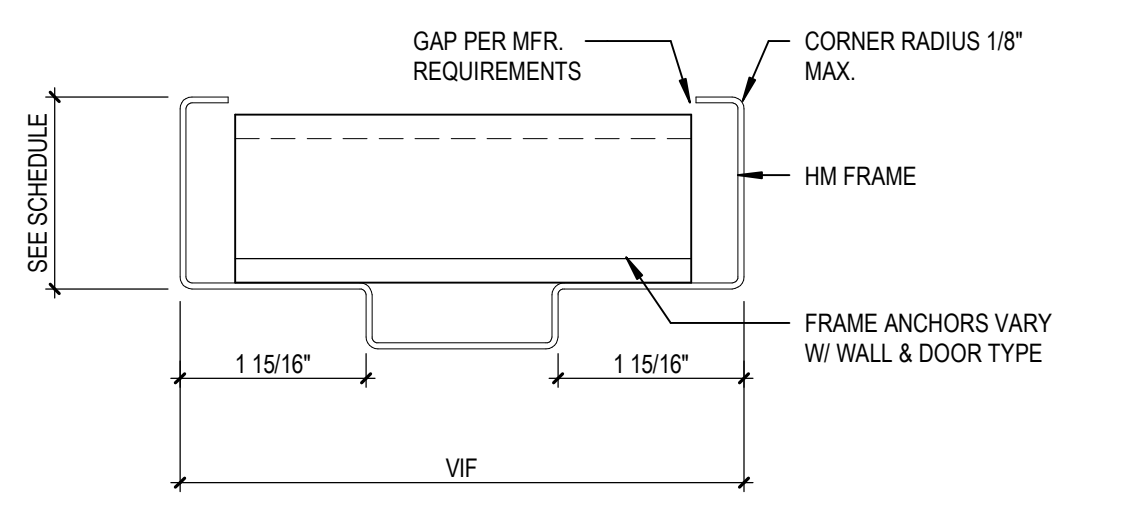
GLAZING TYPE LEGEND

- TIB TYPE 1B: TEMPERED INSULATED CLEAR GLASS
- IOB TYPE 2B: CLEAR INSULATED GLASS
- SO TYPE 3: INSULATED SPANDREL GLASS
- FG TYPE 4: FIRE RATED GLASS

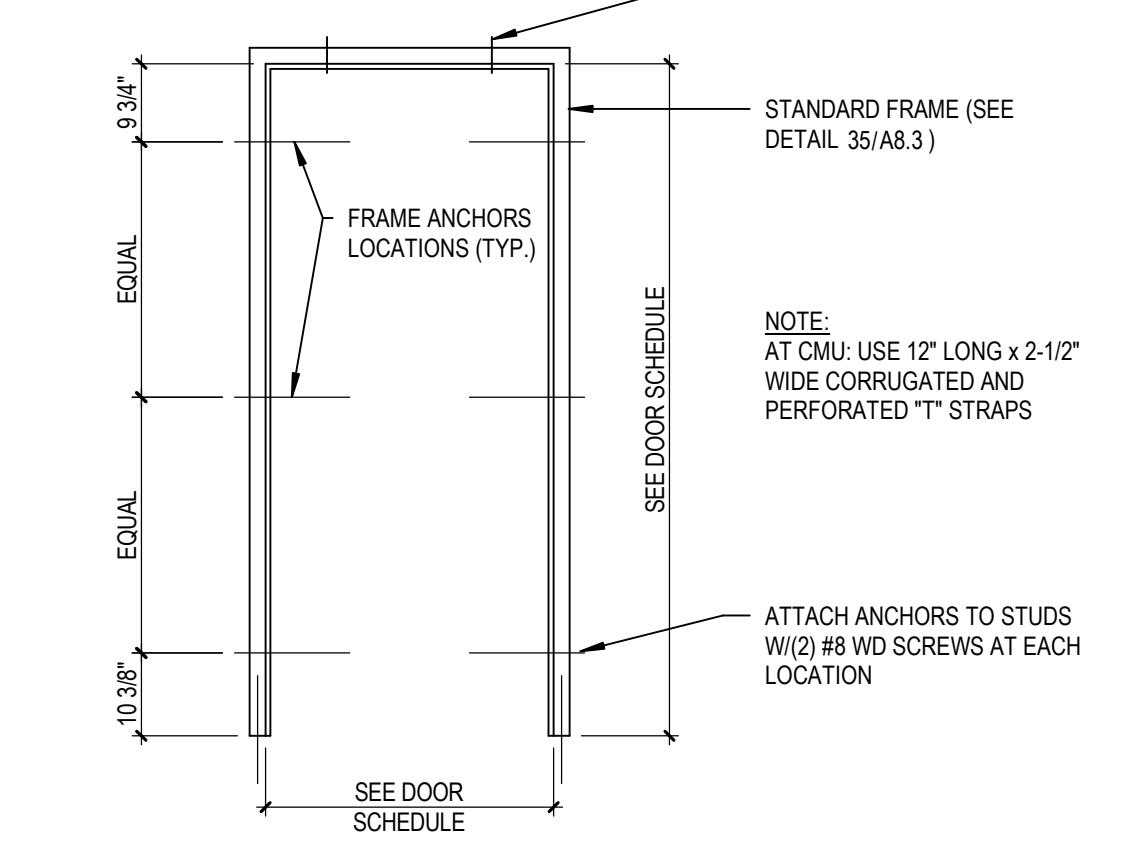
SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION

DOOR PANEL TYPE LEGEND

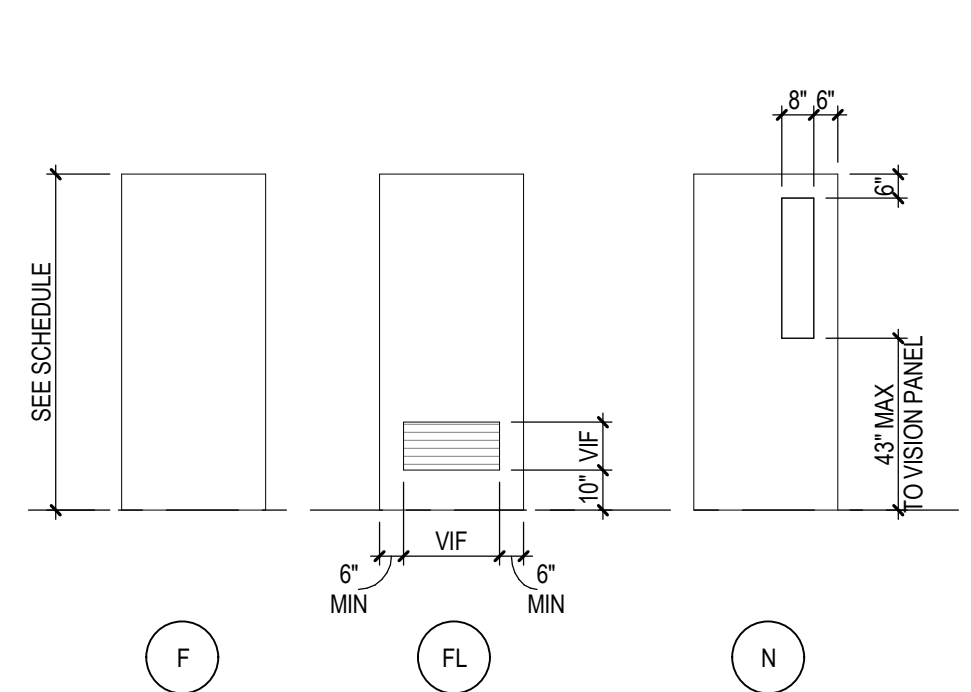
- DG DUAL LITE GLASS
- F FLUSH PANEL
- FL NARROW LITE GLASS
- FG FULL LITE GLASS
- G HALF LITE GLASS



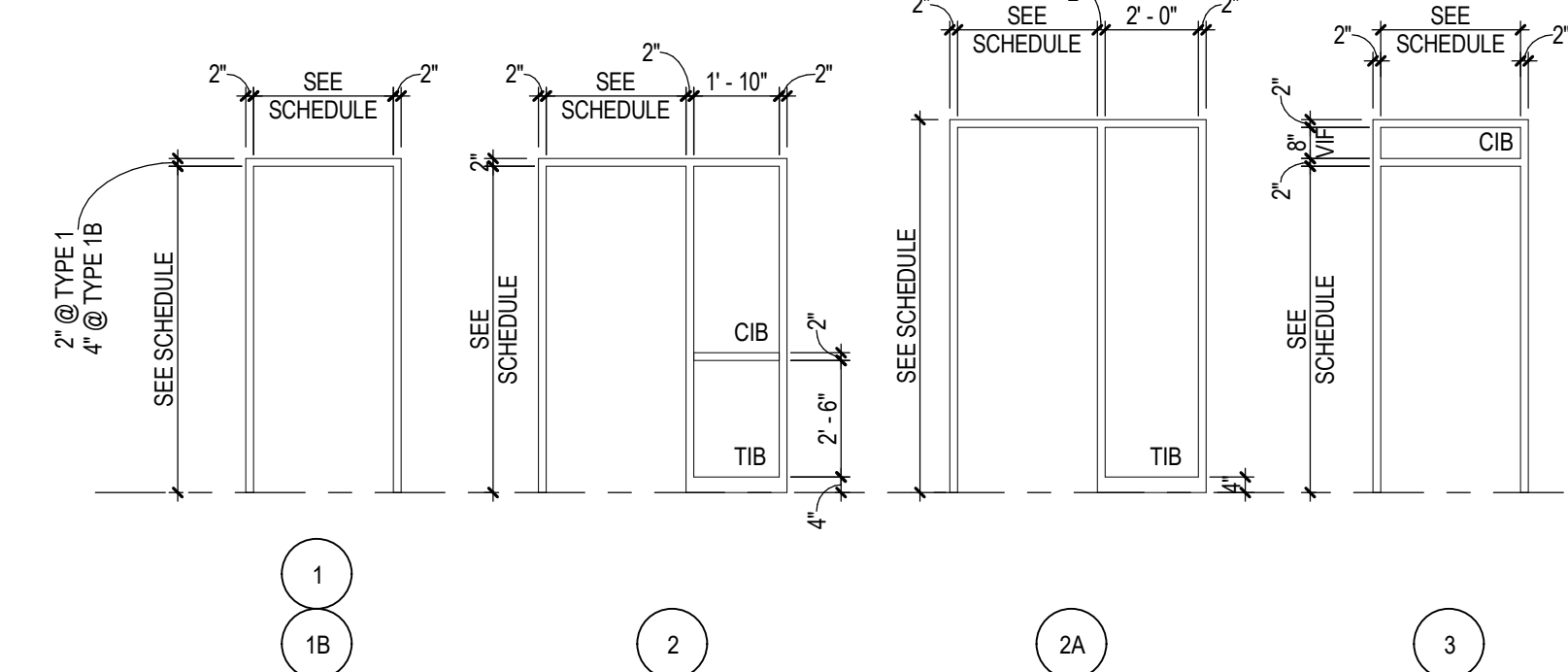
35 TYP HM DOOR FRAME PROFILE SCALE: 6" = 1'-0"



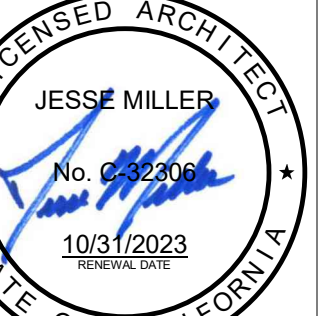
45 TYP HM DOOR FRAME ANCHOR SCALE: 1/2\"/>



DOOR PANEL TYPES

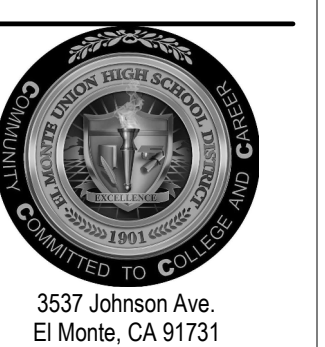


INTERIOR DOOR FRAME ELEVATIONS



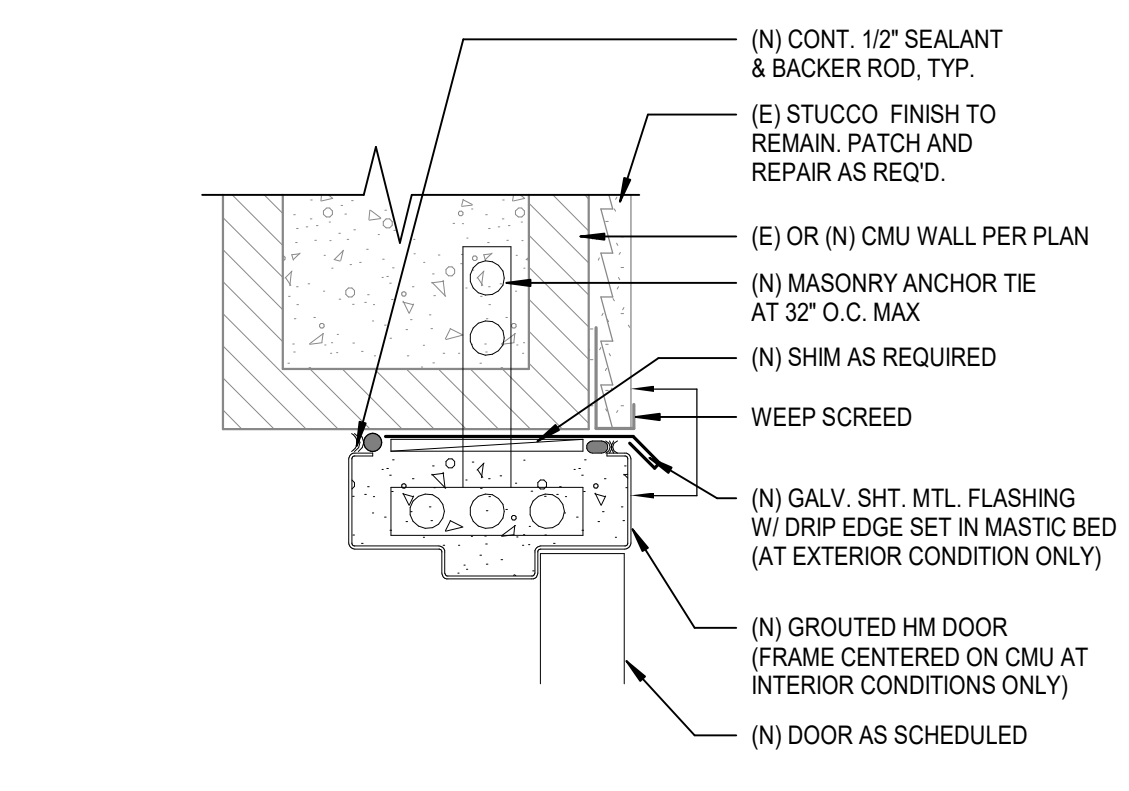
DOOR & FRAME TYPE & SCHEDULE
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave., South El Monte, CA 91733

100% CDs
 03/01/2022
 Date Description
 11/10/2022 ADDENDUM 2

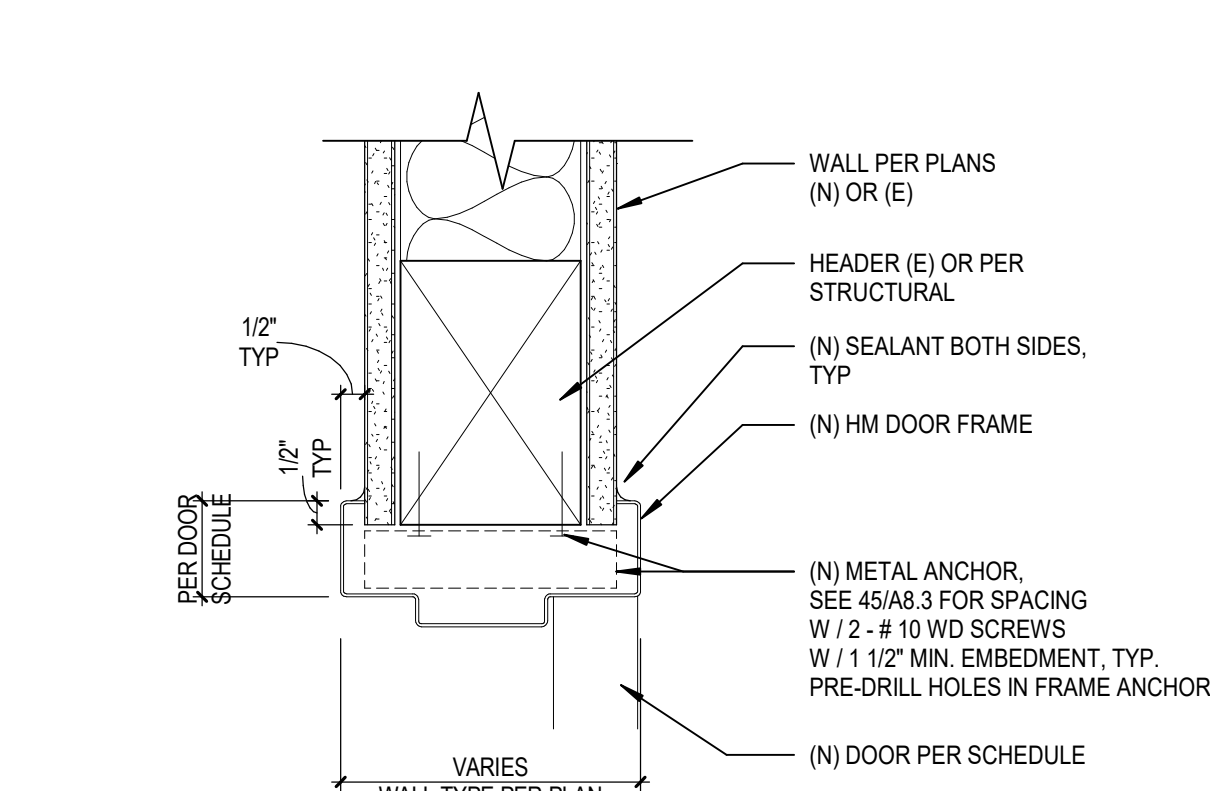


3537 Johnson Ave.
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 PROJECT #75-2022S-00
 DSA APPL #03-122081
 DSA FILE #19-H10

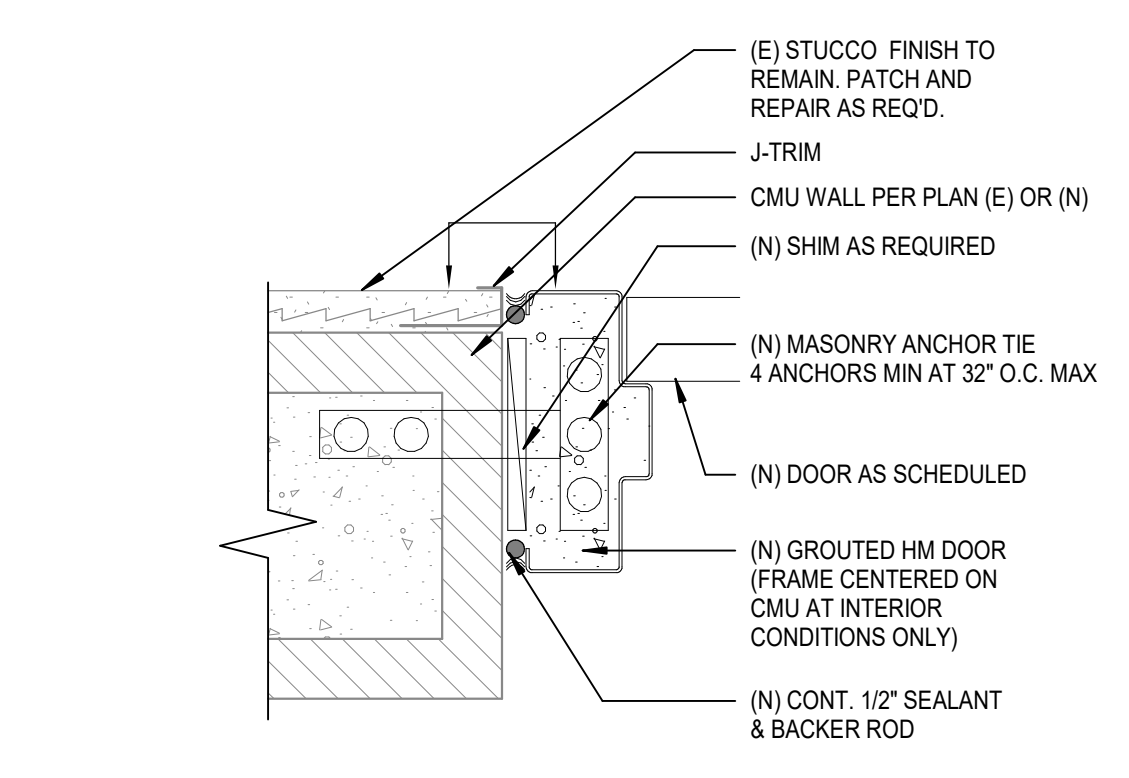
A8.3



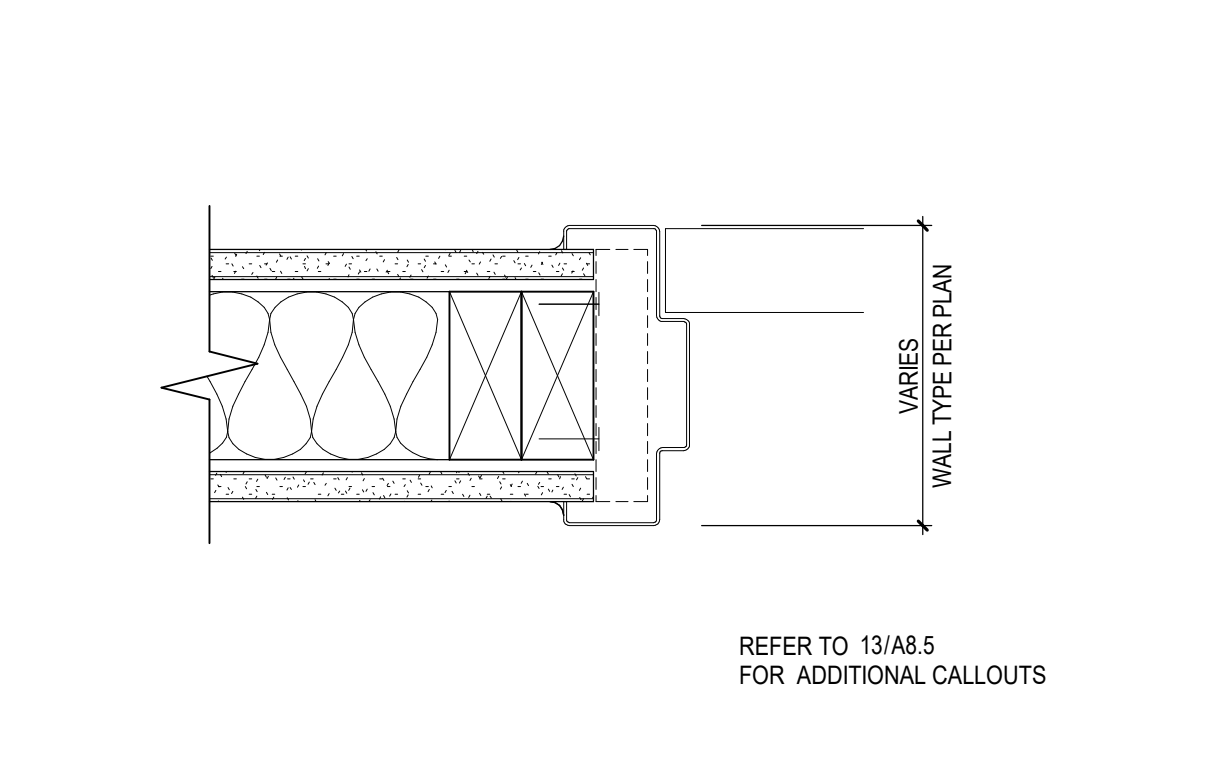
12 EXT. DOOR HEAD AT CMU (INT. SIMILAR)
A8.5 SCALE: 3" = 1'-0"



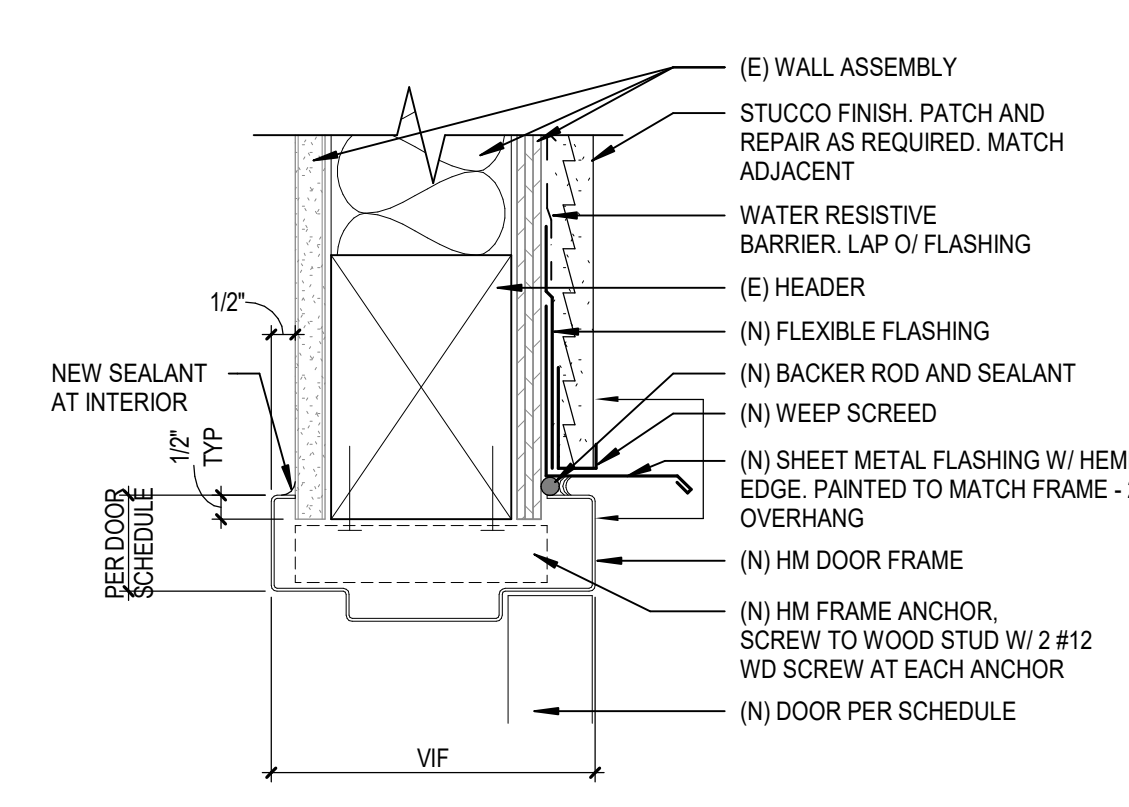
13 HM DOOR HEAD AT GWB
A8.5 SCALE: 3" = 1'-0"



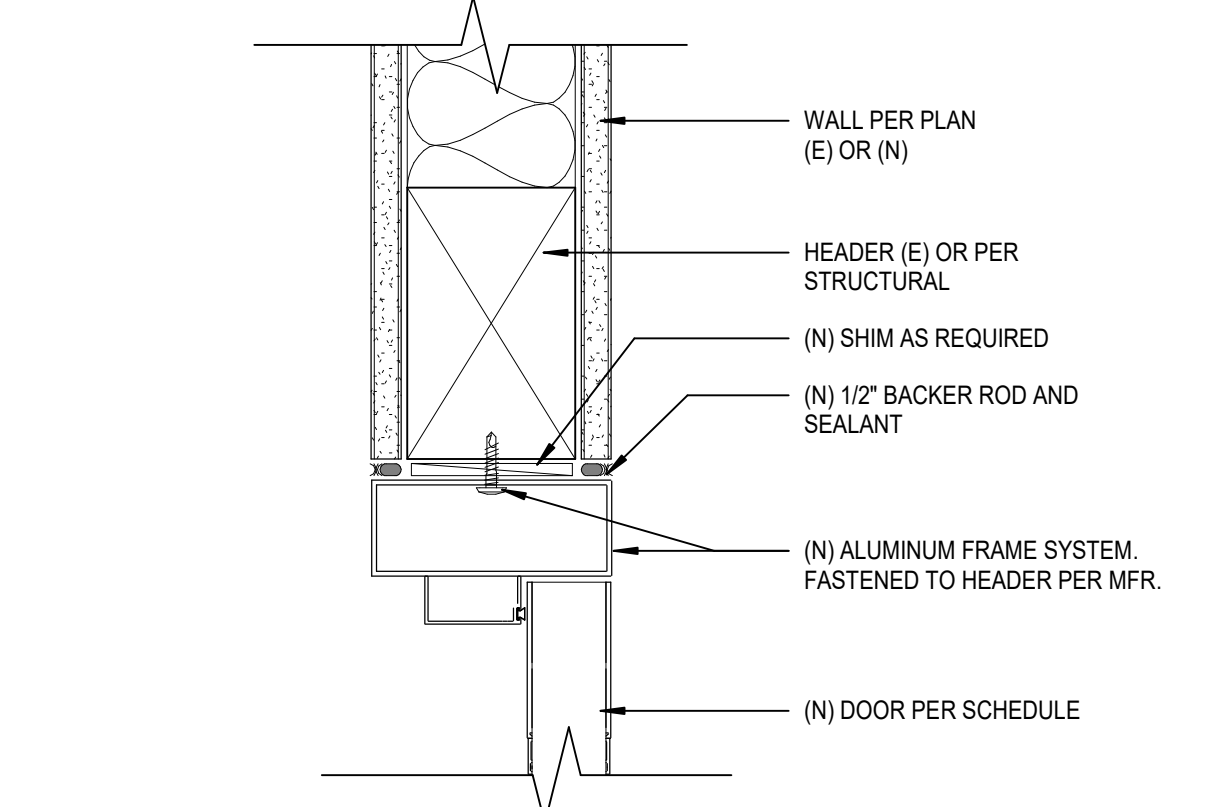
22 EXT. DOOR JAMB AT CMU (INT. SIMILAR)
A8.5 SCALE: 3" = 1'-0"



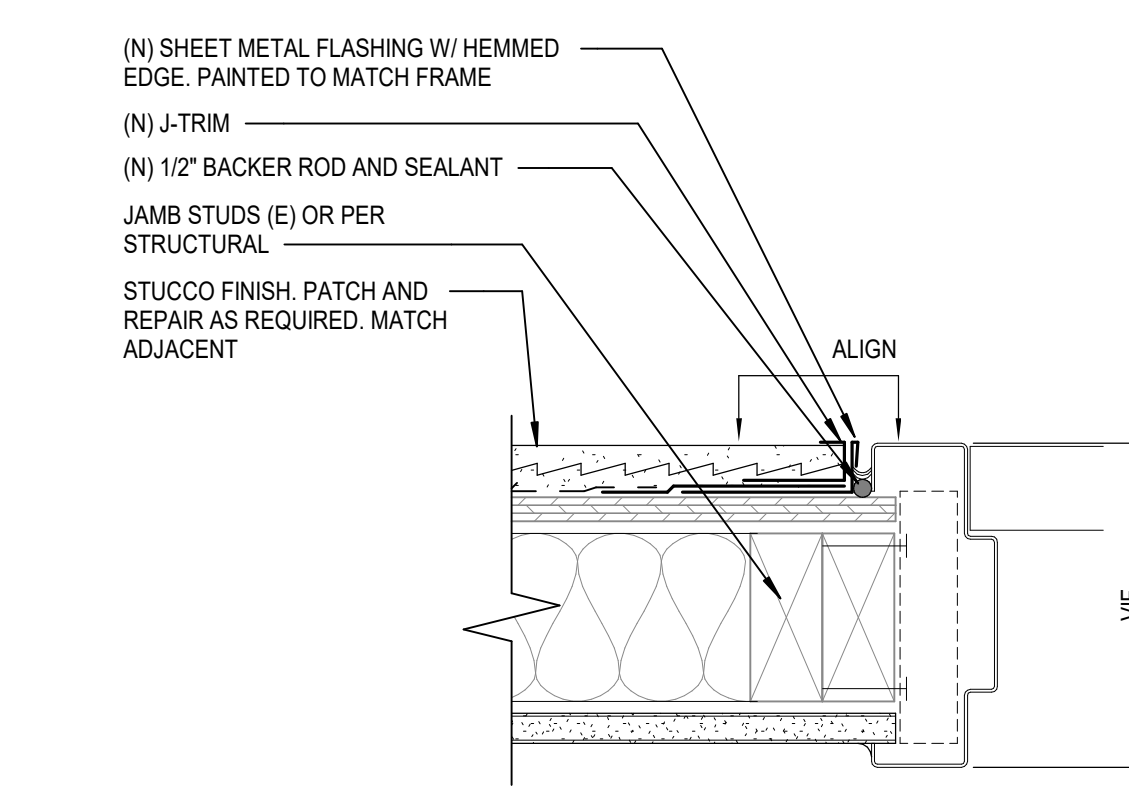
23 HM DOOR JAMB AT GWB
A8.5 SCALE: 3" = 1'-0"



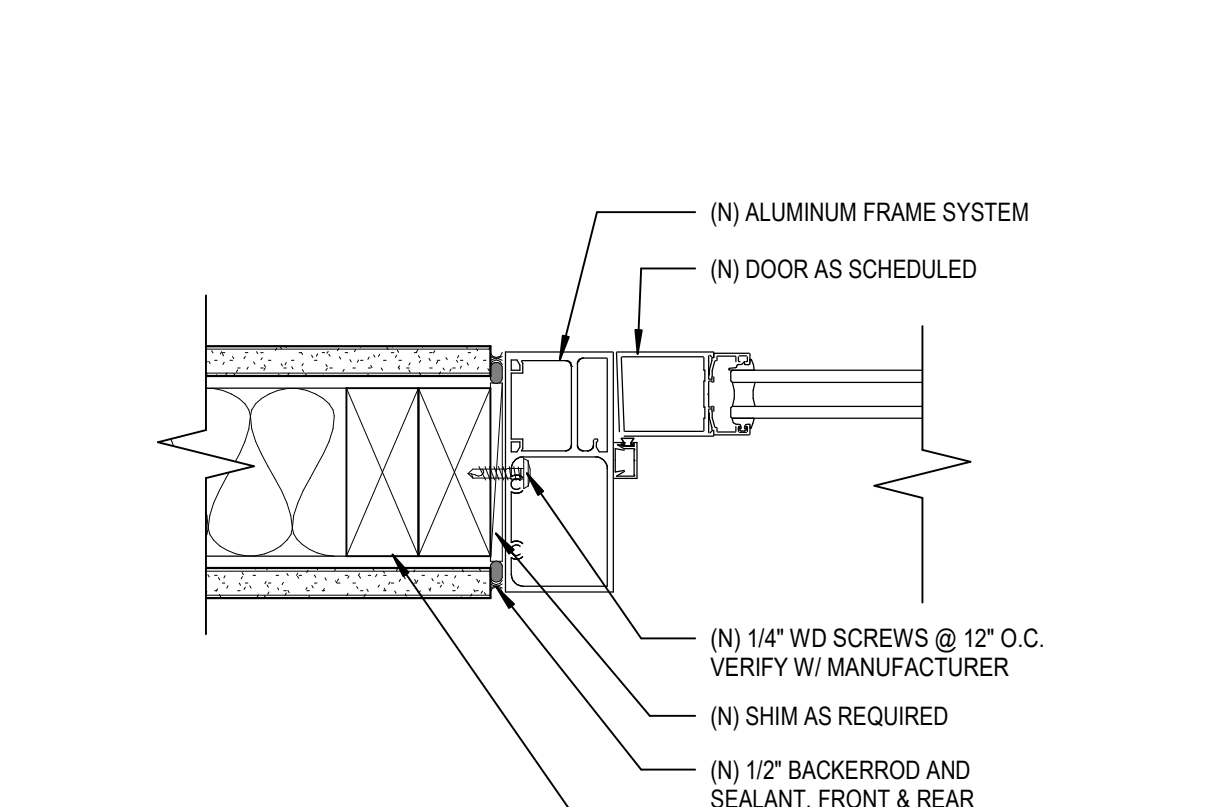
32 EXT. HM DOOR HEAD AT STUCCO
A8.5 SCALE: 3" = 1'-0"



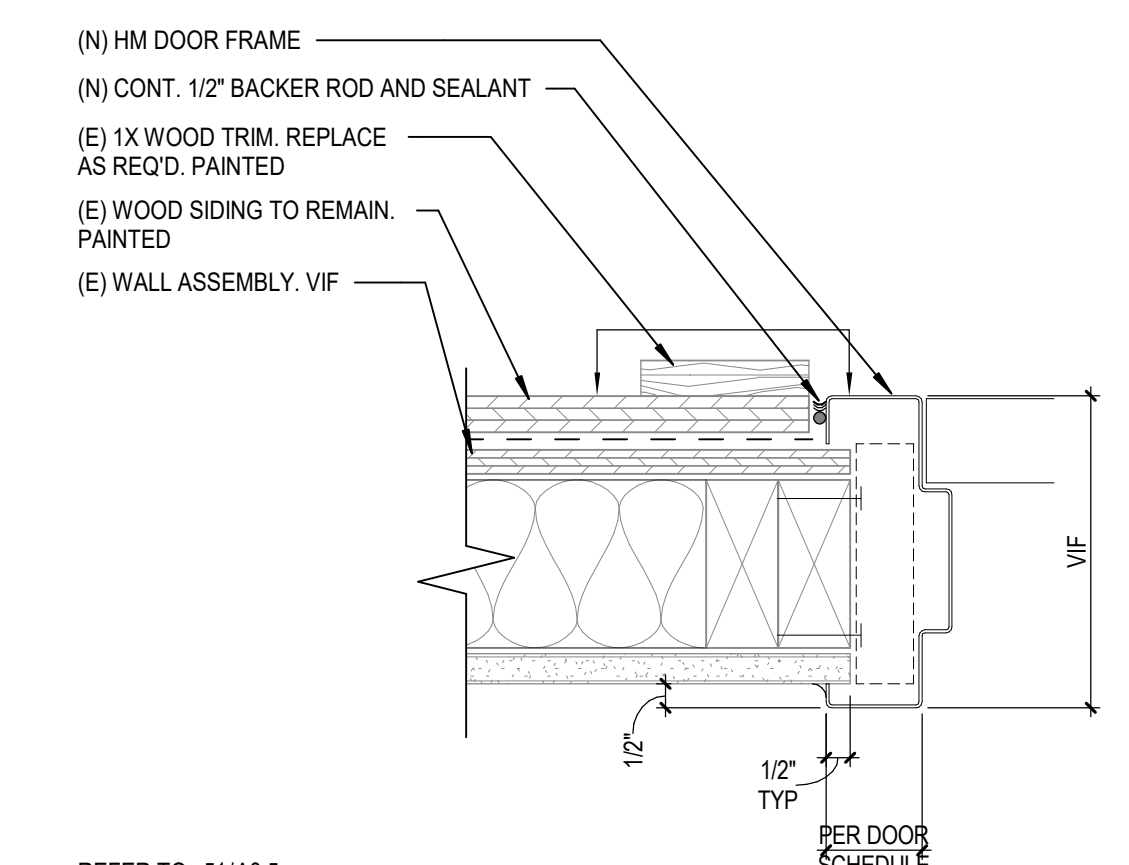
33 SF ALUMINUM FRAME DOOR HEAD
A8.5 SCALE: 3" = 1'-0"



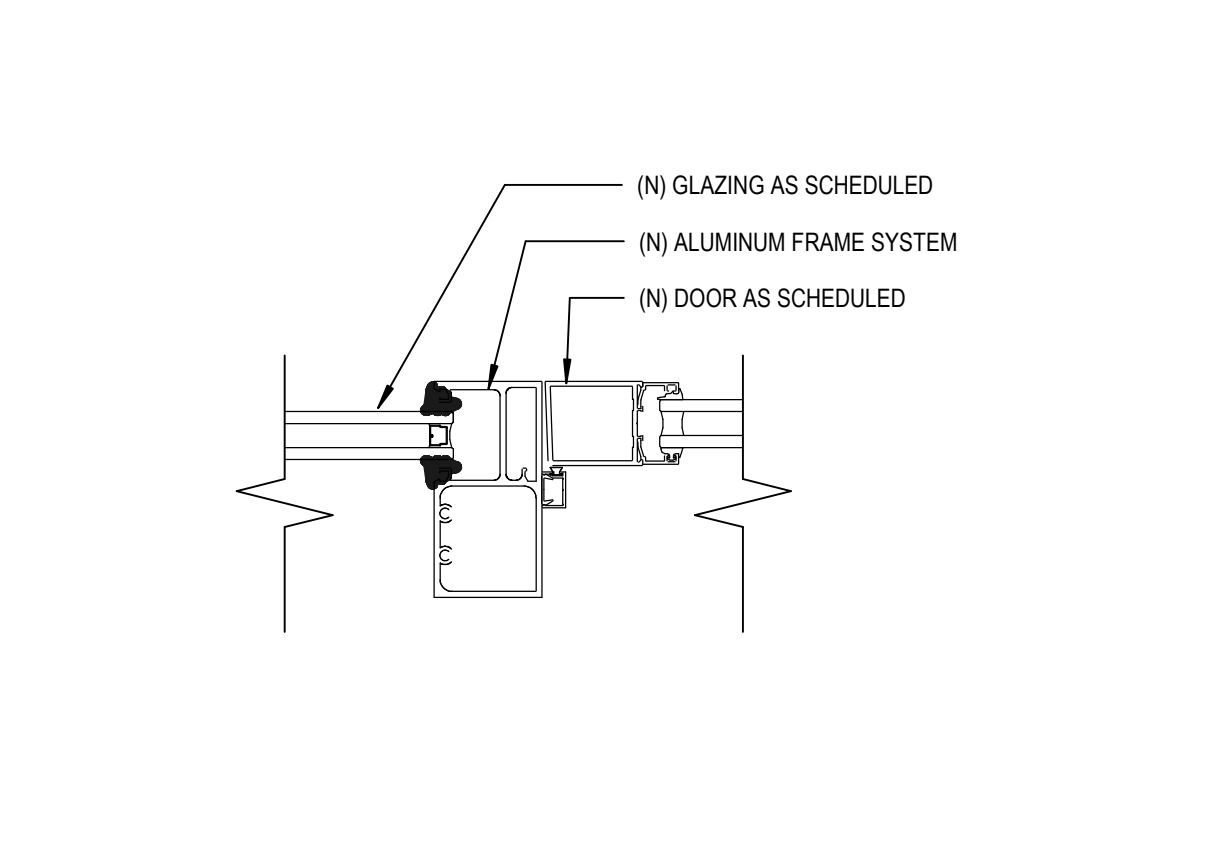
42 EXT. HM DOOR JAMB AT STUCCO
A8.5 SCALE: 3" = 1'-0"



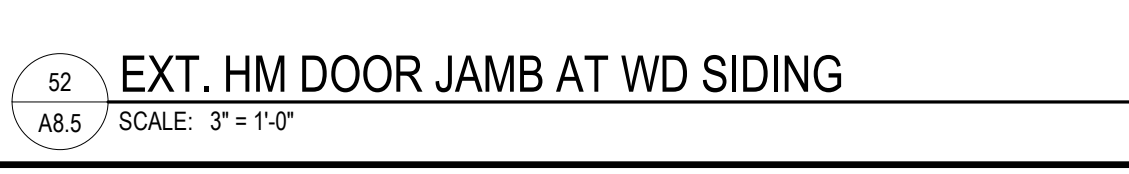
43 SF ALUMINUM FRAME DOOR JAMB TO GWB
A8.5 SCALE: 3" = 1'-0"



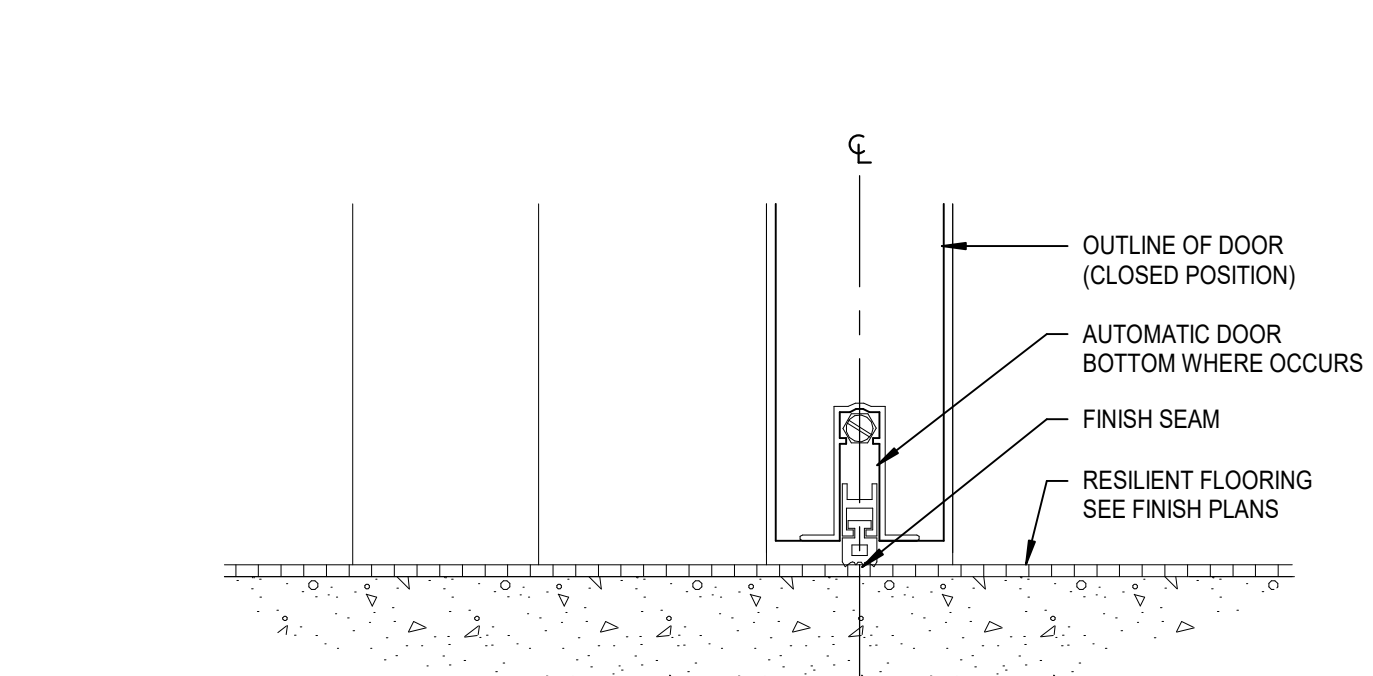
52 EXT. HM DOOR JAMB AT WD SIDING
A8.5 SCALE: 3" = 1'-0"



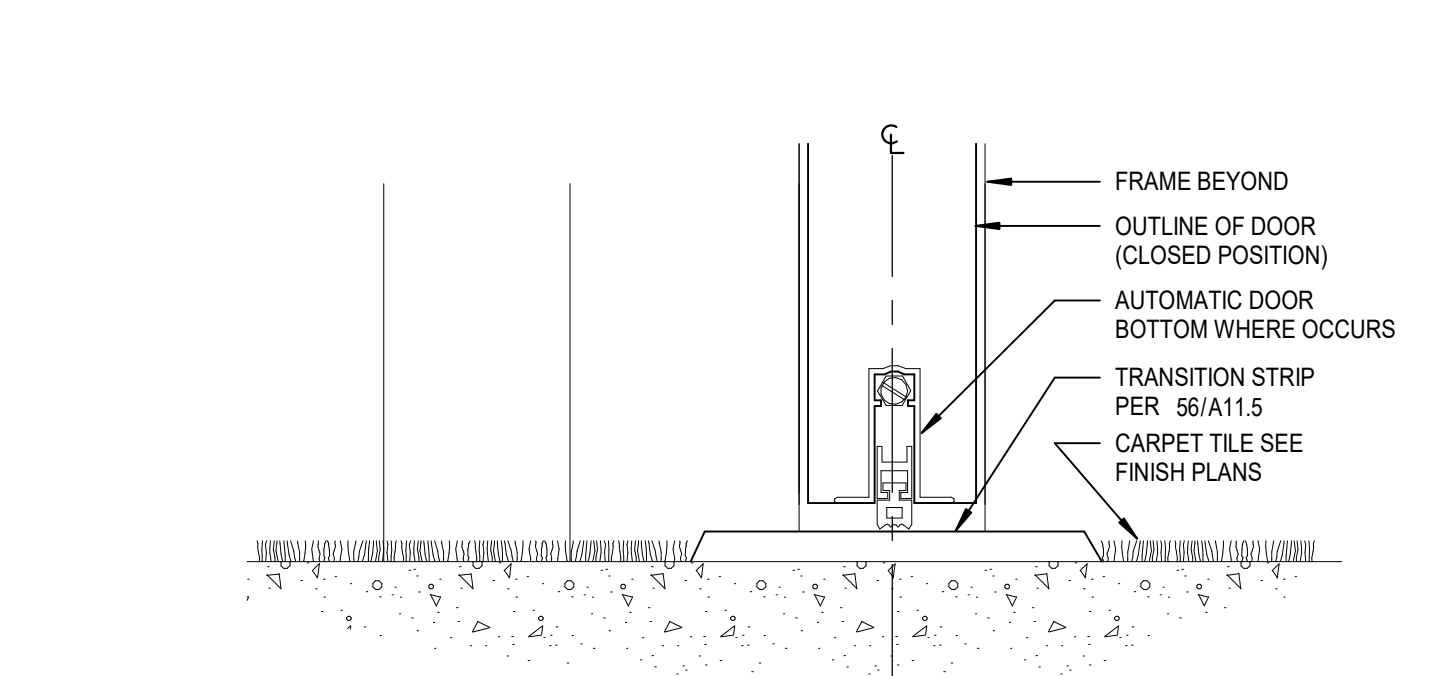
53 SF ALUMINUM FRAME DOOR JAMB TO GLASS
A8.5 SCALE: 3" = 1'-0"



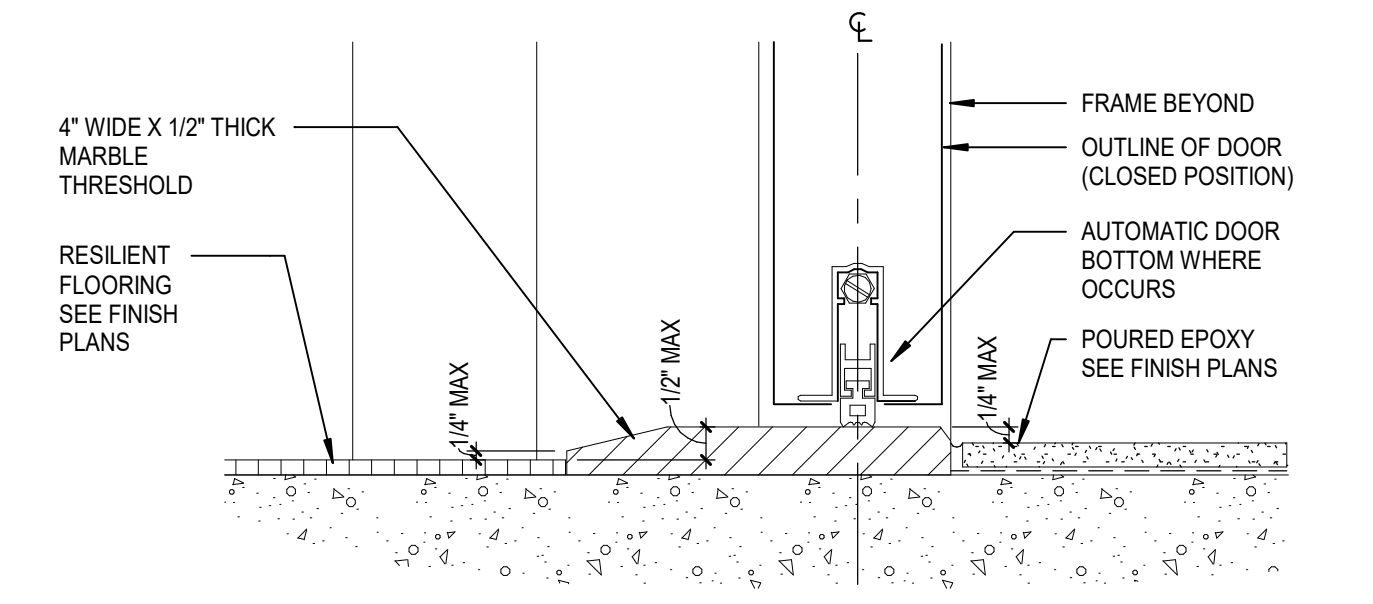
51 EXT. HM DOOR HEAD AT WD SIDING
A8.5 SCALE: 3" = 1'-0"



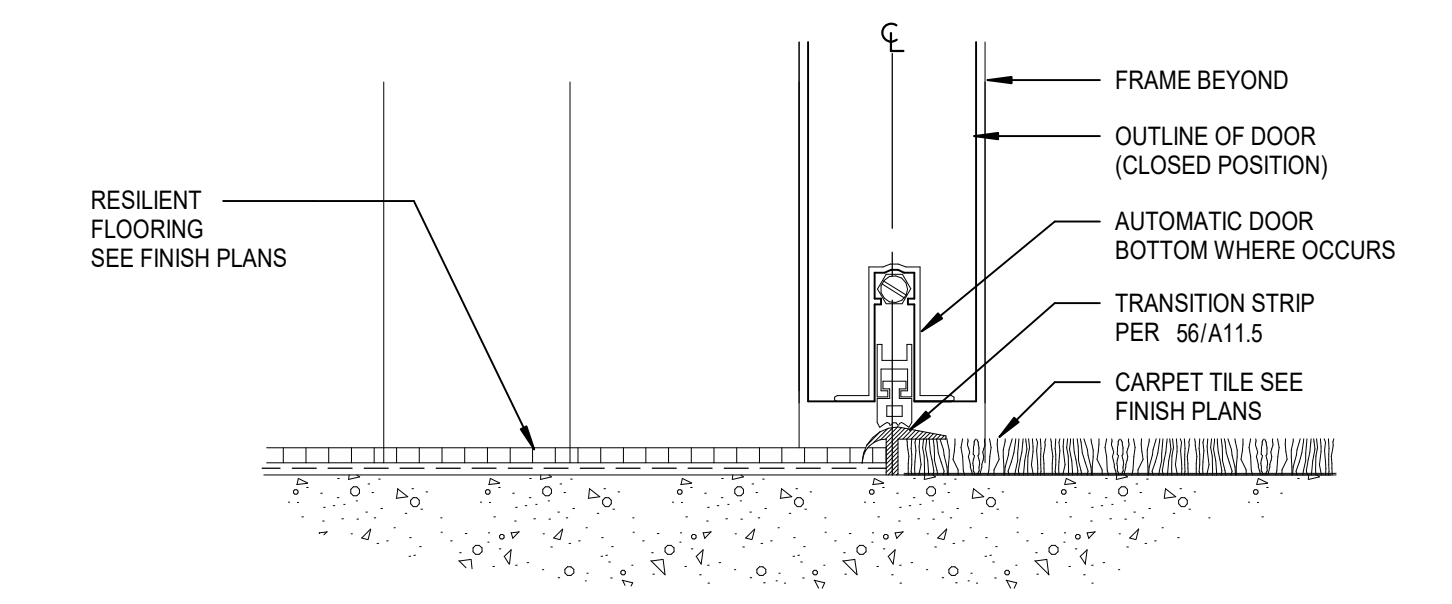
E: RESILIENT FLOORING - RESILIENT FLOORING



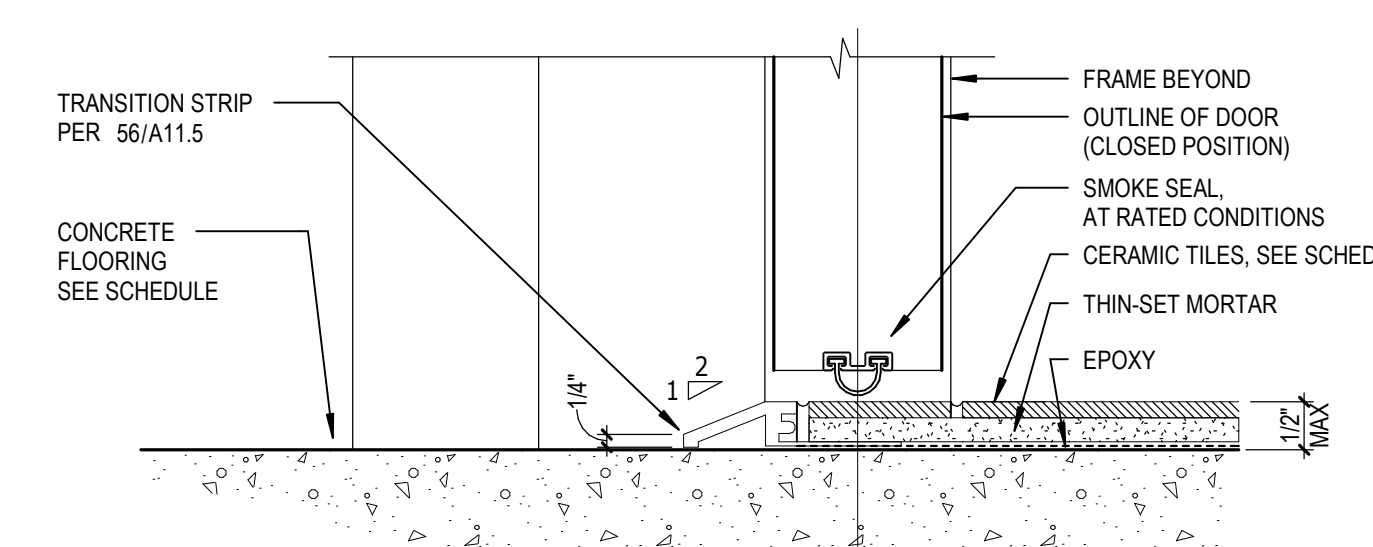
F: CARPET - CARPET



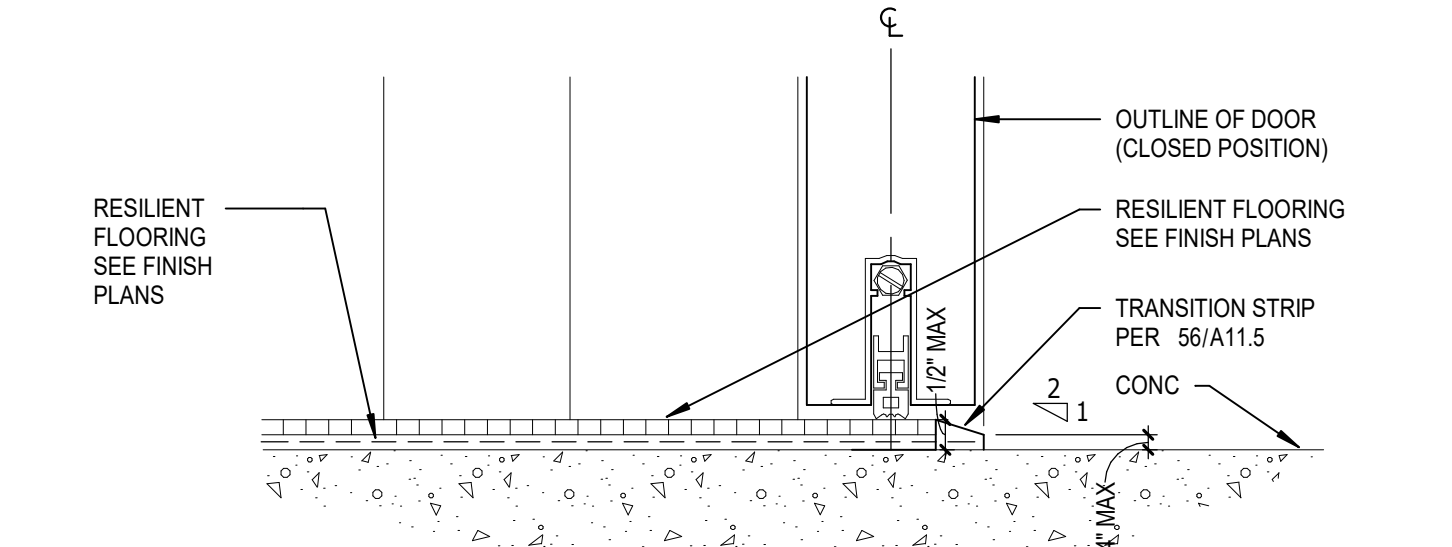
C: EPOXY FLOORING - RESILIENT FLOORING



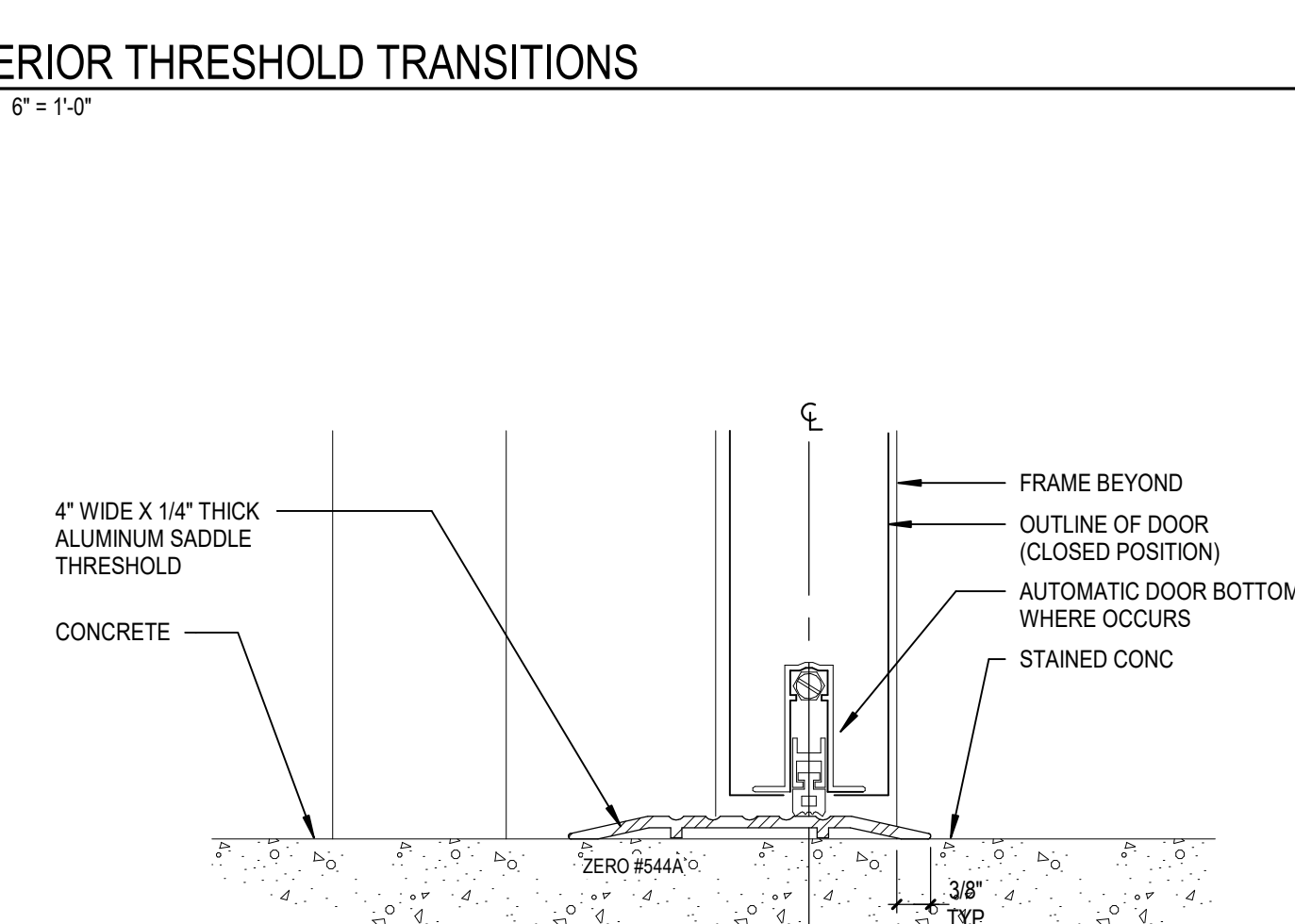
D: RESILIENT FLOORING - CARPET



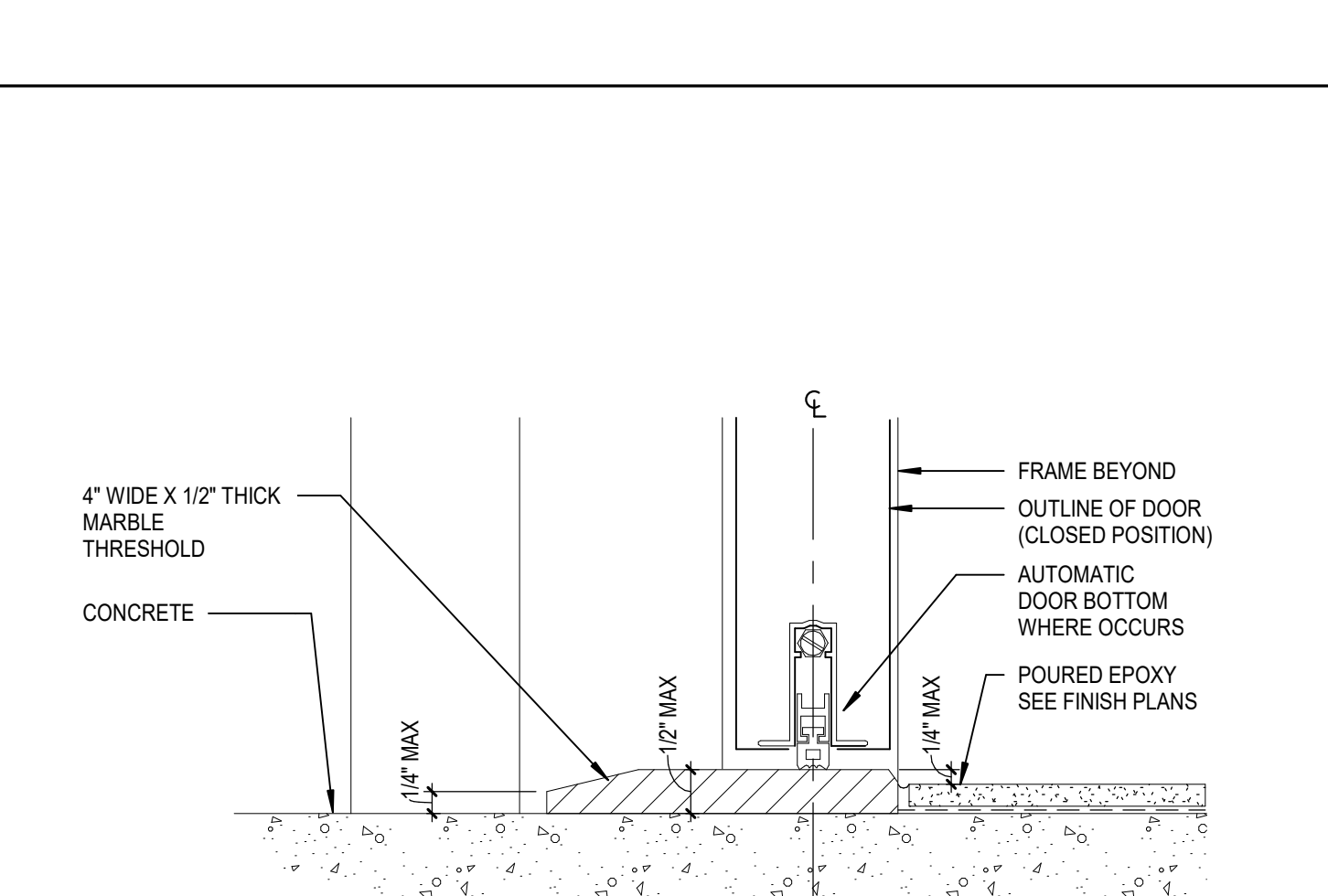
A: CERAMIC TILE - CONCRETE



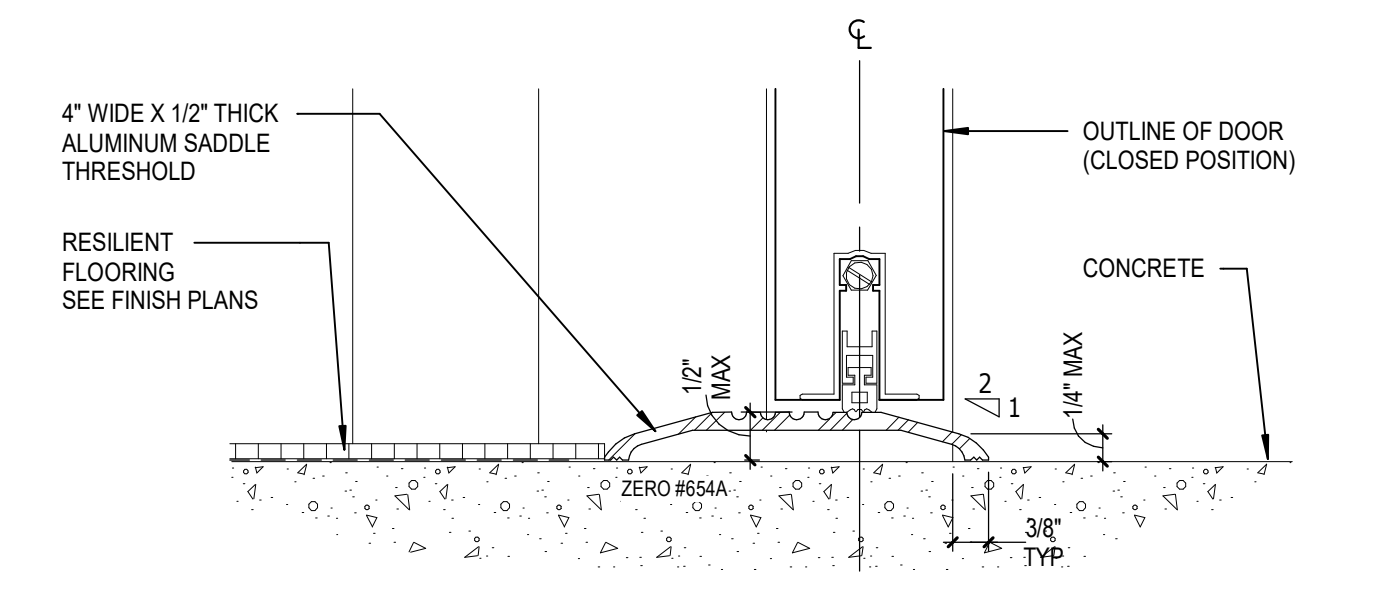
B: RESILIENT FLOORING - CONCRETE



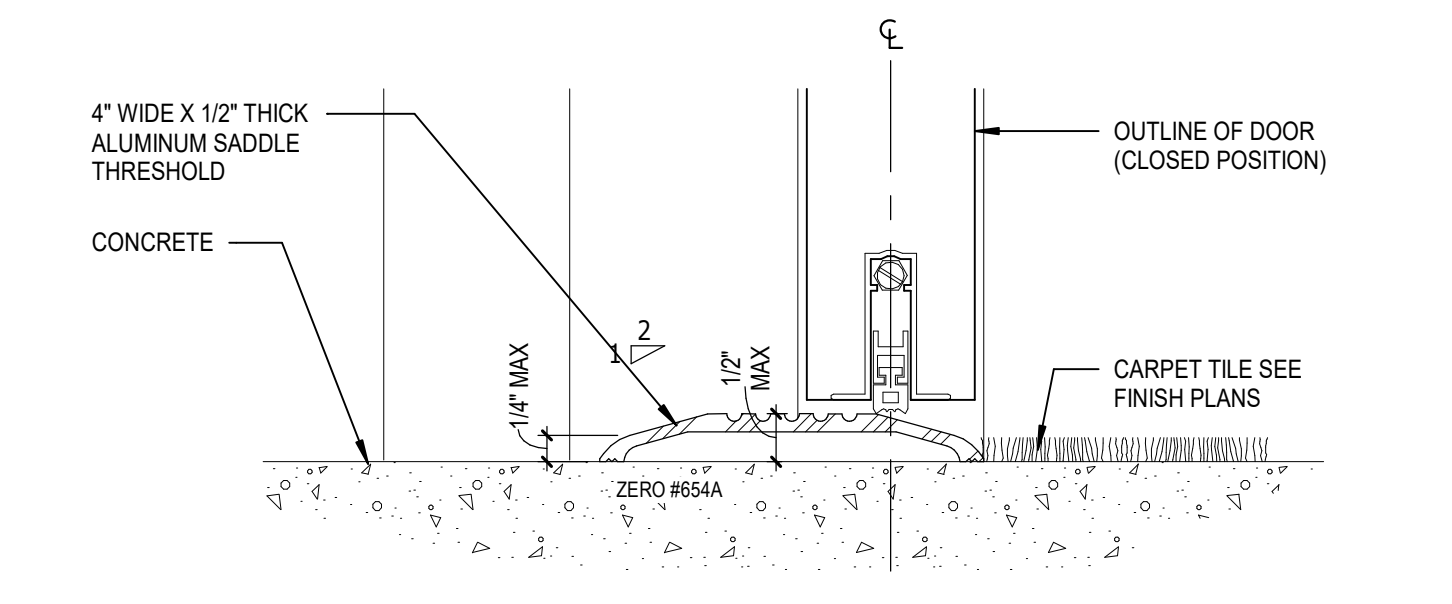
C: CONCRETE - CONCRETE



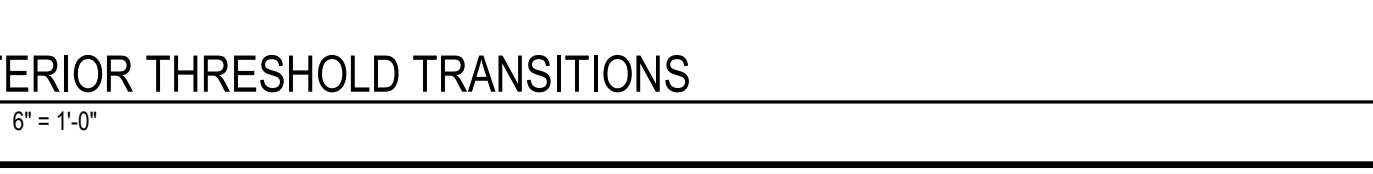
D: CONCRETE - EPOXY FLOORING



A: CONCRETE - RESILIENT FLOORING

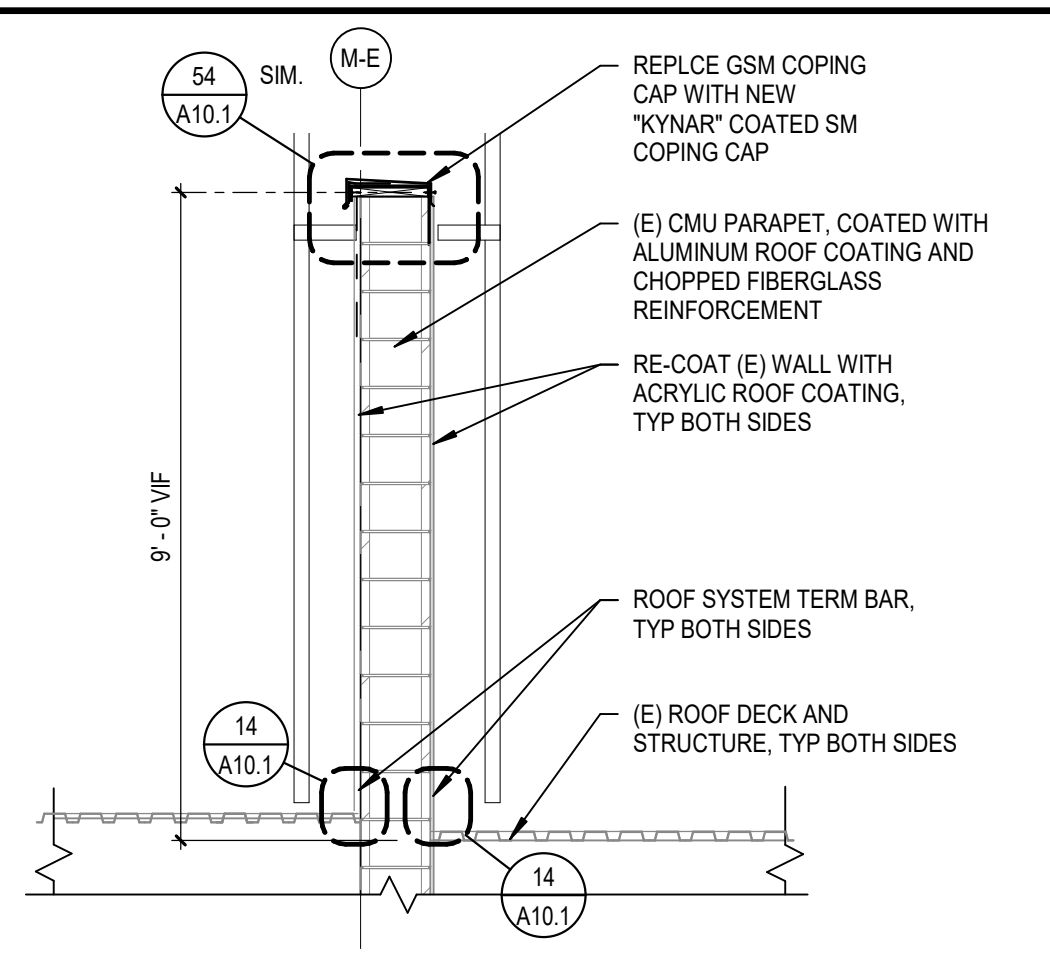


B: CONCRETE - CARPET



34 INTERIOR THRESHOLD TRANSITIONS
A8.5 SCALE: 6" = 1'-0"

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11 ROOF DETAIL - CMU WALL
A10.1 SCALE: 3/8" = 1'-0"

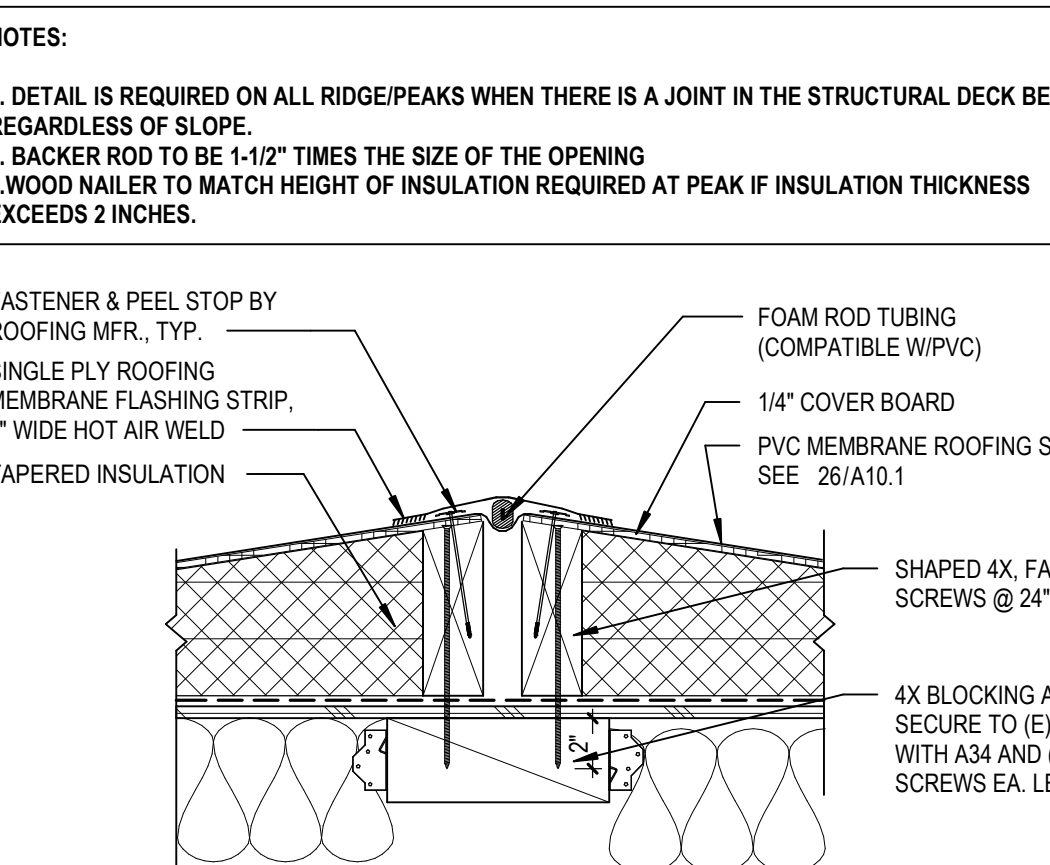
12 PIPE PENETRATIONS @ ROOF, TYP
A10.1 SCALE: 1 1/2" = 1'-0"

13 ROOF EAVE - HIGH
A10.1 SCALE: 3" = 1'-0"

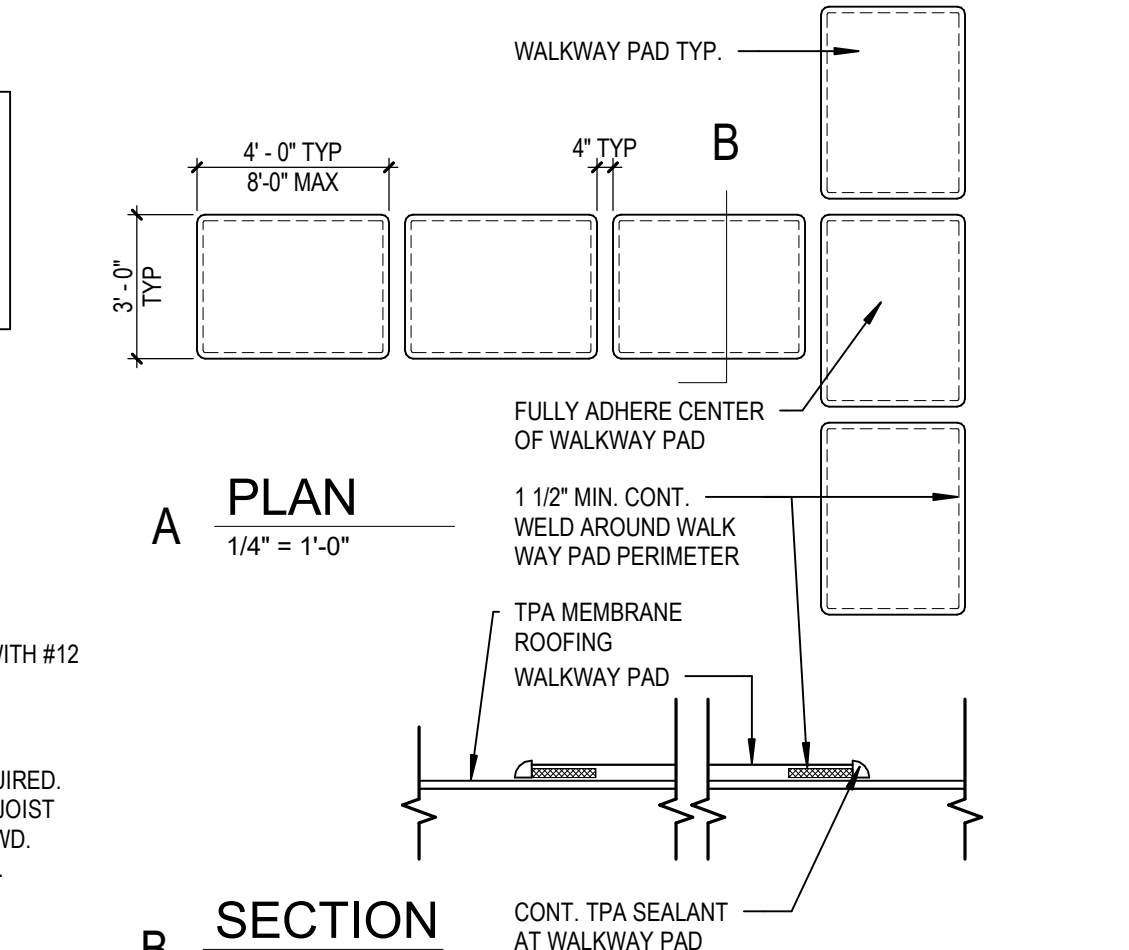
14 BASE OF STUCCO TO ROOF
A10.1 SCALE: 3" = 1'-0"

15 PARAPET @ ROOF (STUCCO)
A10.1 SCALE: 1 1/2" = 1'-0"

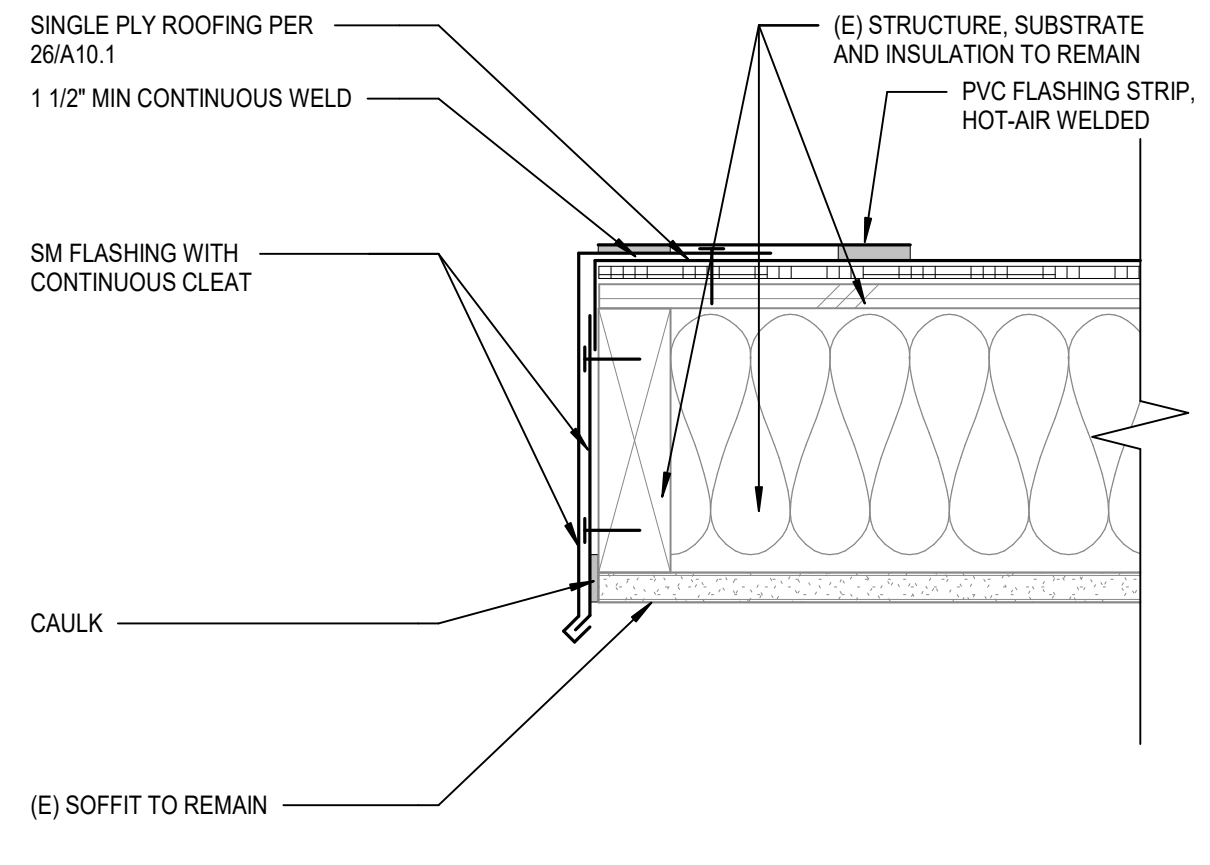
16 TYPICAL ROOF ASSEMBLY - SINGLE PLY
A10.1 SCALE: 1 1/2" = 1'-0"



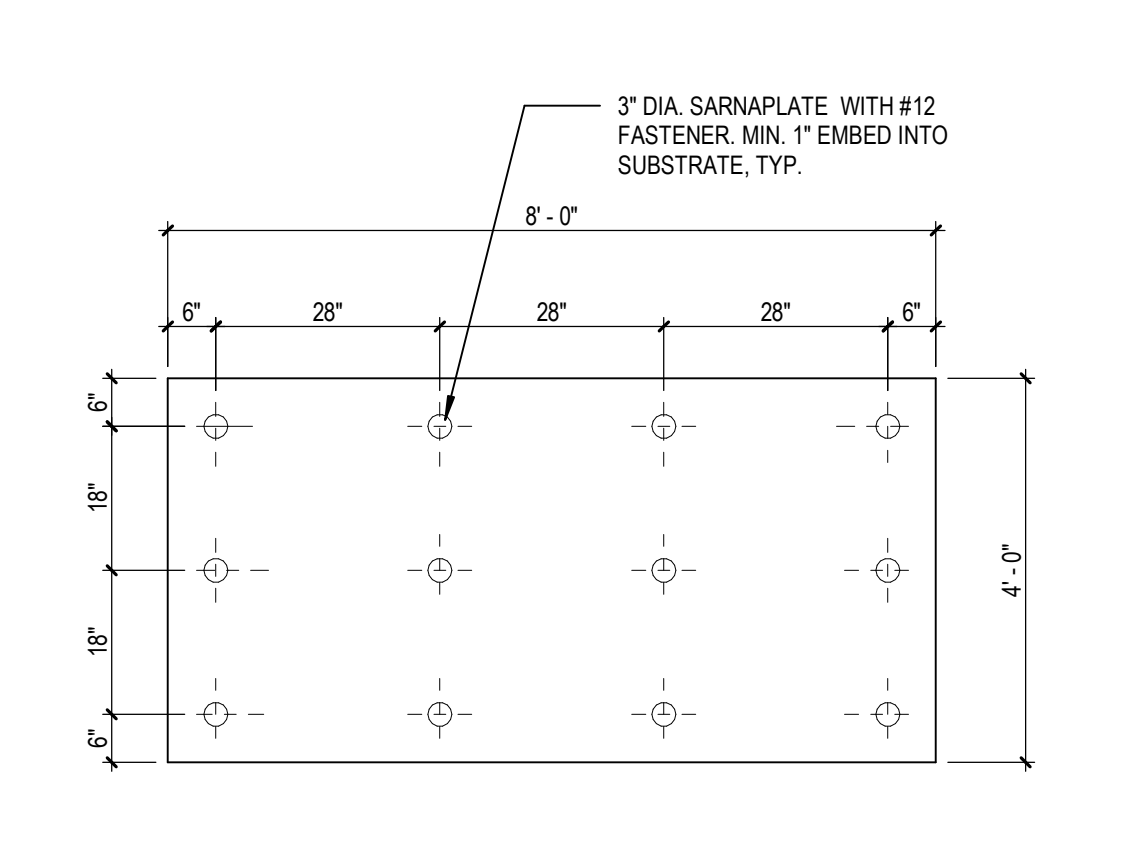
21 TAPERED INSULATION
A10.1 SCALE: 1 1/2" = 1'-0"



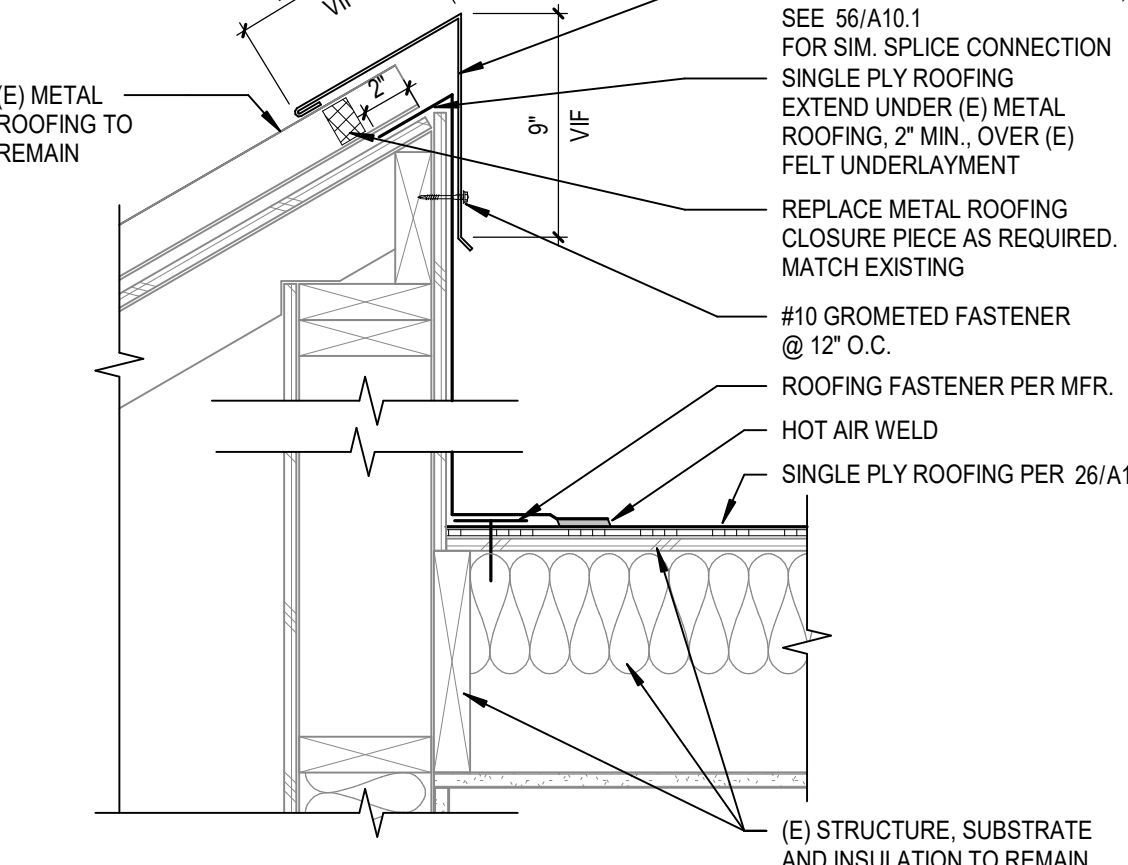
22 ROOF DETAIL - WALK PADS, TYP
A10.1 NO SCALE



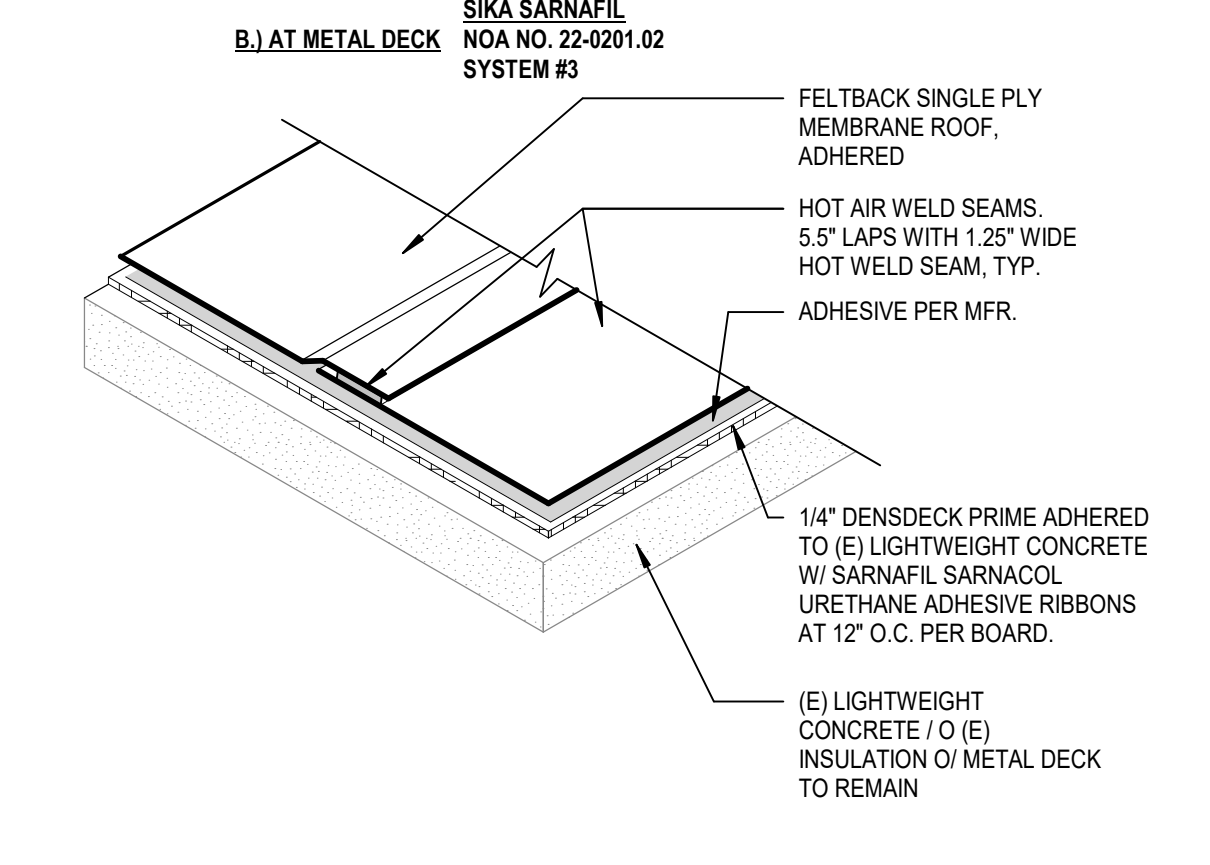
23 ROOF EAVE - RAKE
A10.1 SCALE: 3" = 1'-0"



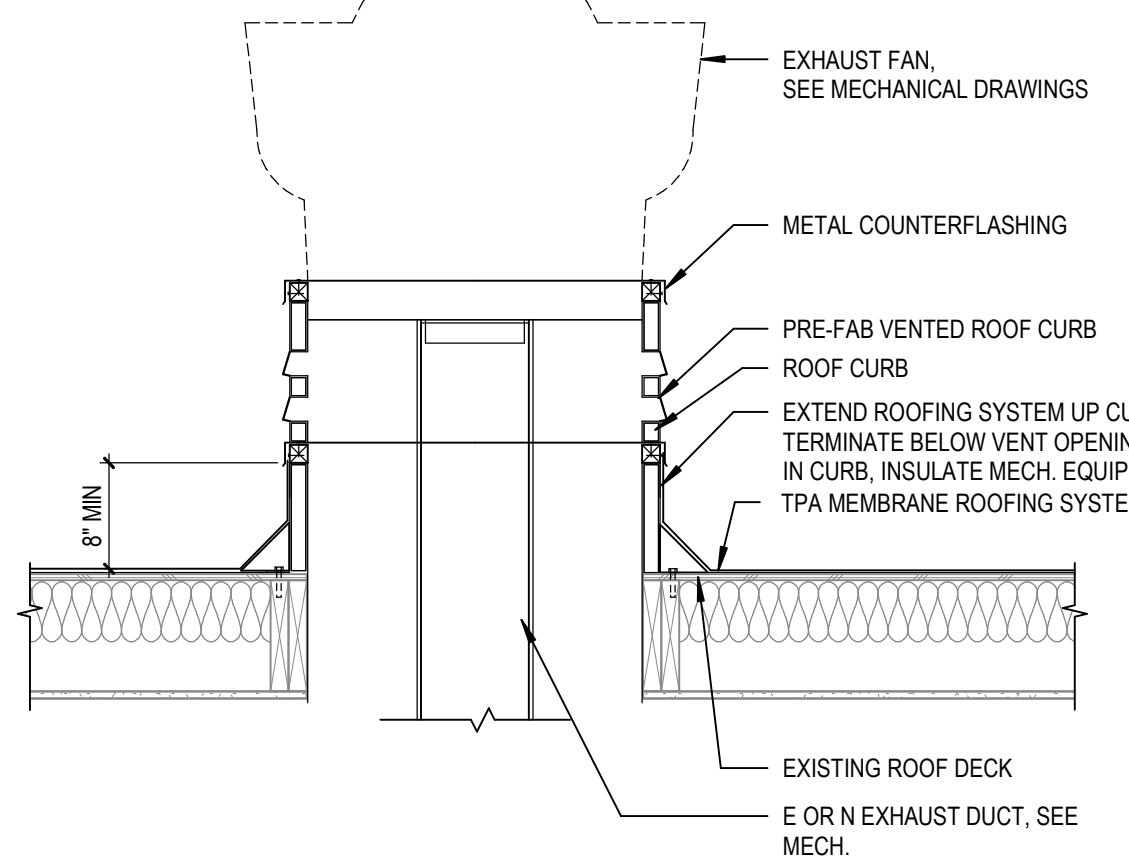
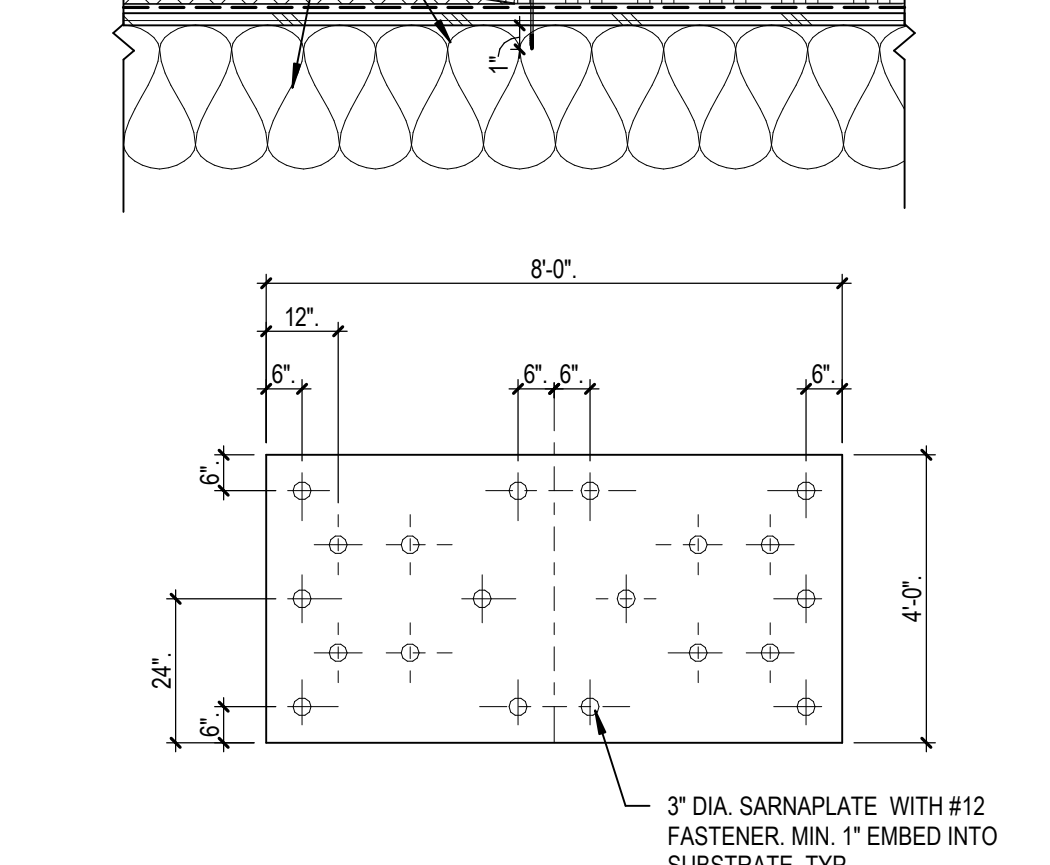
24 COVER BOARD FASTENING PATTERN
A10.1 SCALE: 1/2" = 1'-0"



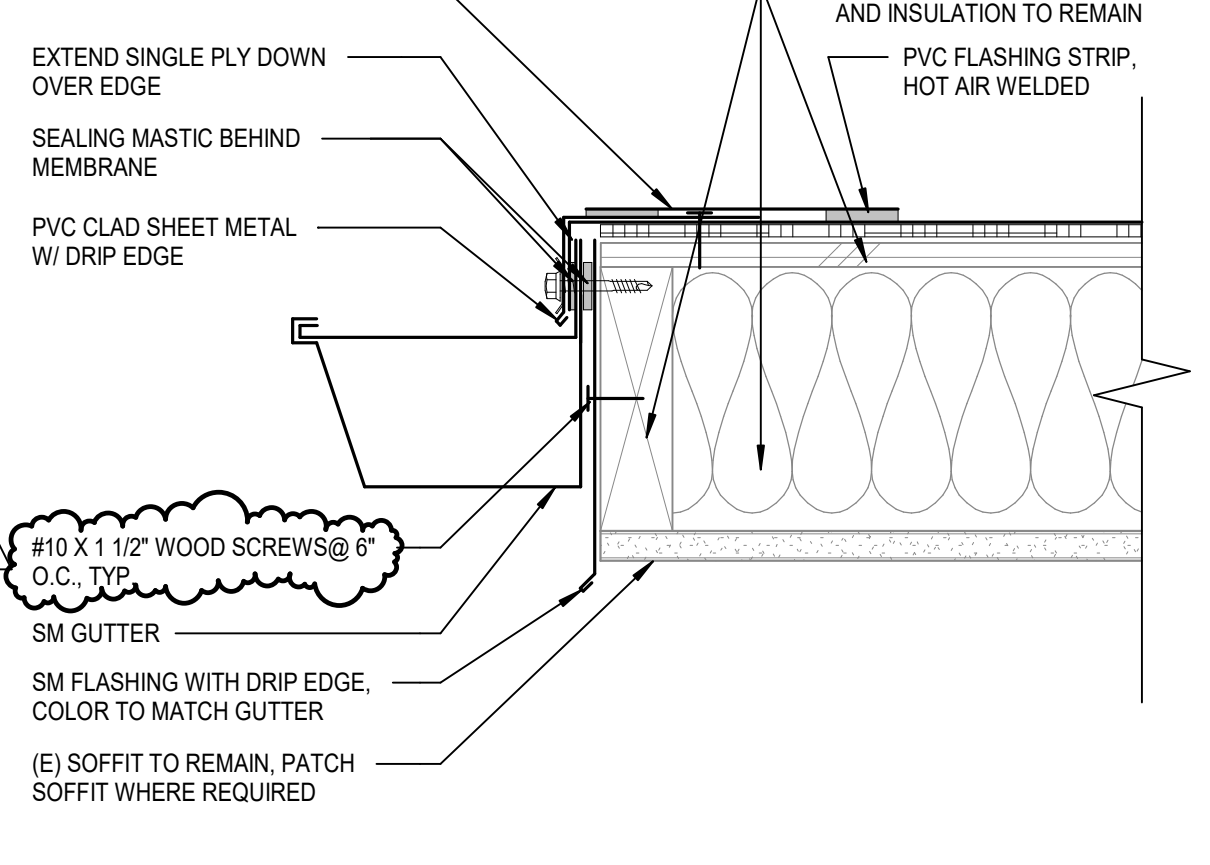
25 PARAPET TO METAL ROOF (WOOD FRAME)
A10.1 SCALE: 1 1/2" = 1'-0"



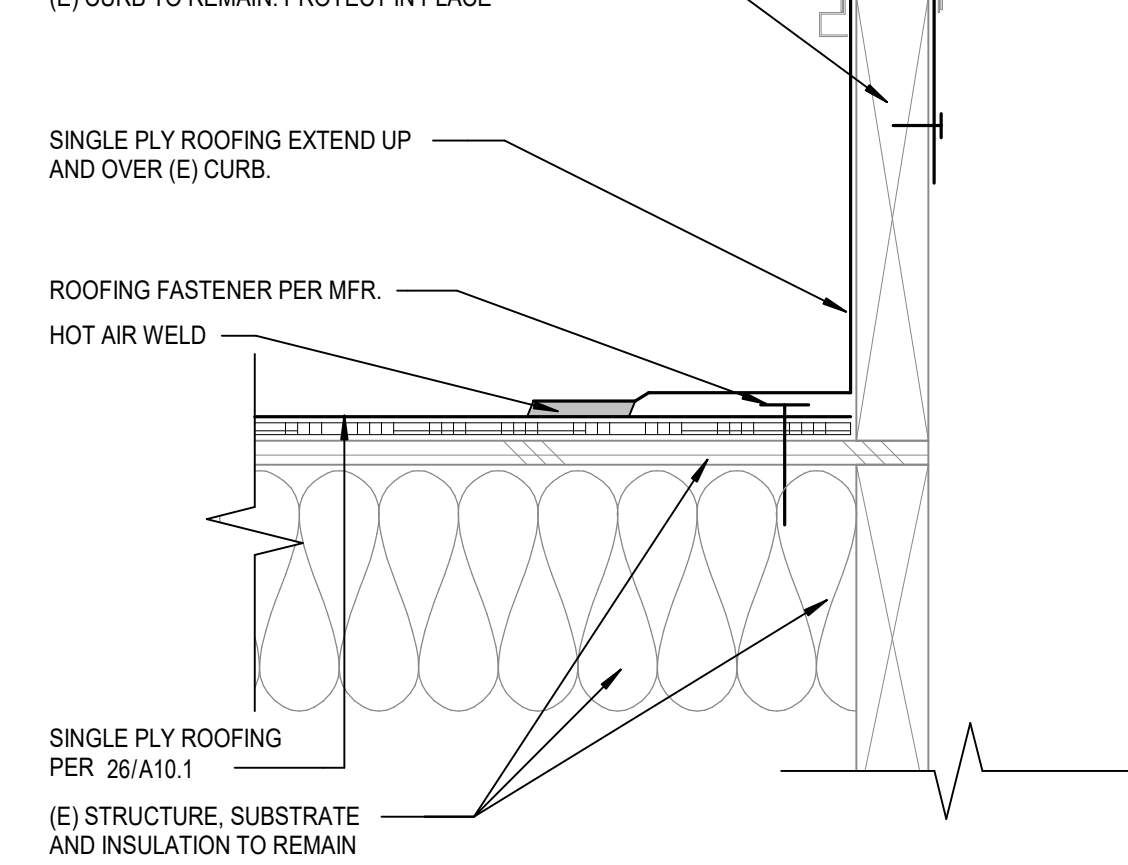
26 TYPICAL ROOF ASSEMBLY - SINGLE PLY
A10.1 SCALE: 1 1/2" = 1'-0"



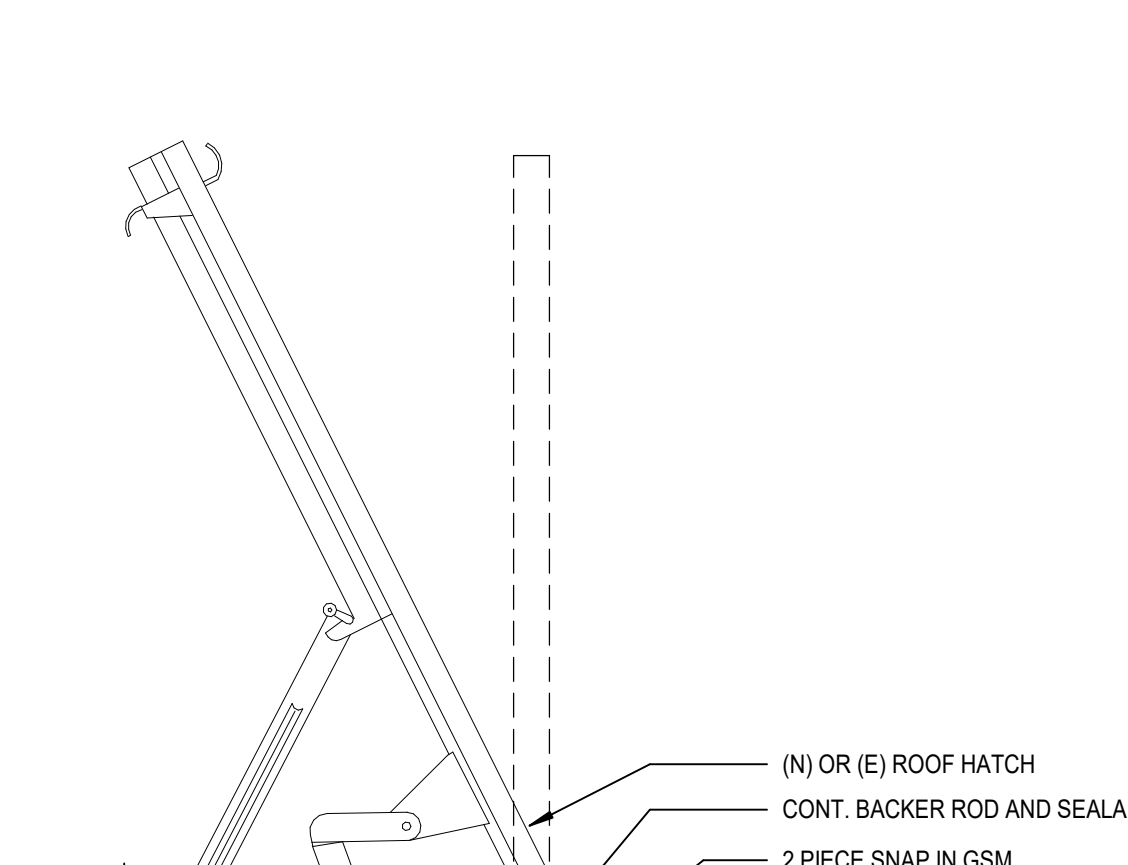
32 ROOF DETAIL - EXHAUST FAN
A10.1 SCALE: 3/4" = 1'-0"



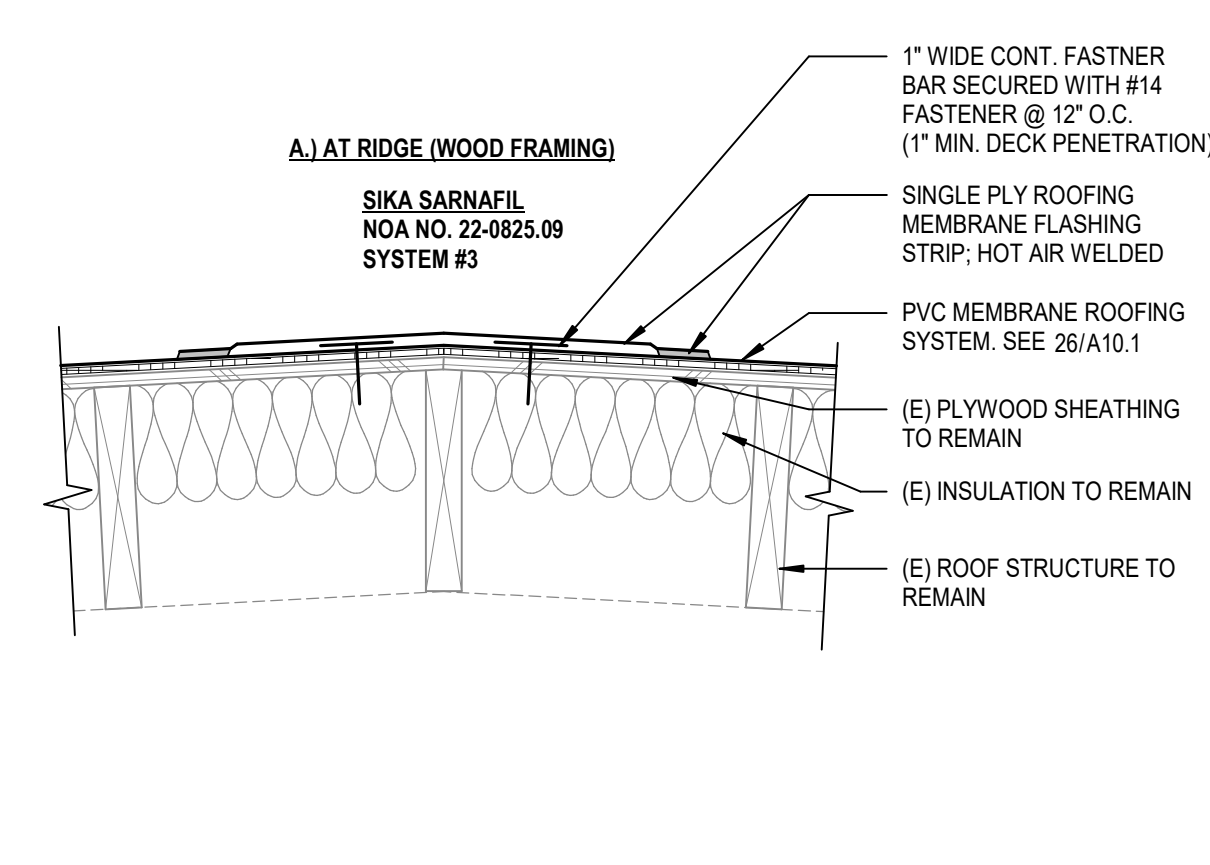
33 ROOF EAVE - LOW W/ GUTTER
A10.1 SCALE: 3" = 1'-0"



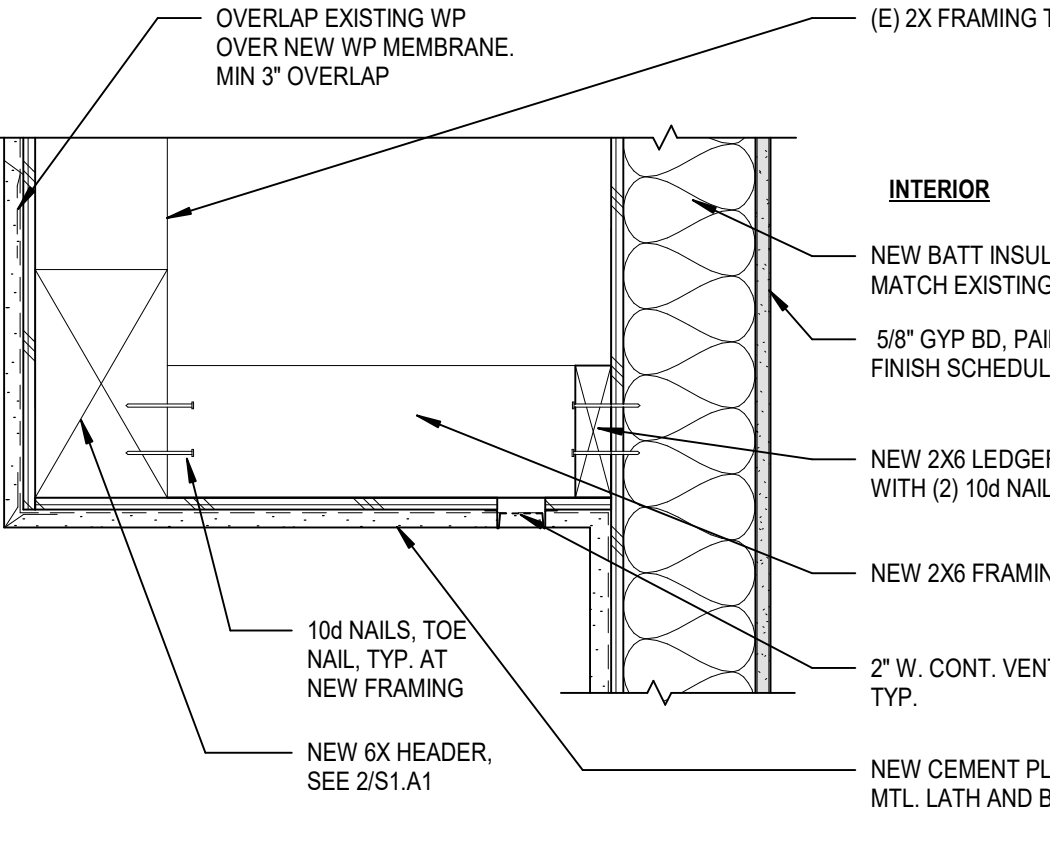
34 FLASHING @ CURB
A10.1 SCALE: 3" = 1'-0"



25 PARAPET TO METAL ROOF (WOOD FRAME)
A10.1 SCALE: 1 1/2" = 1'-0"



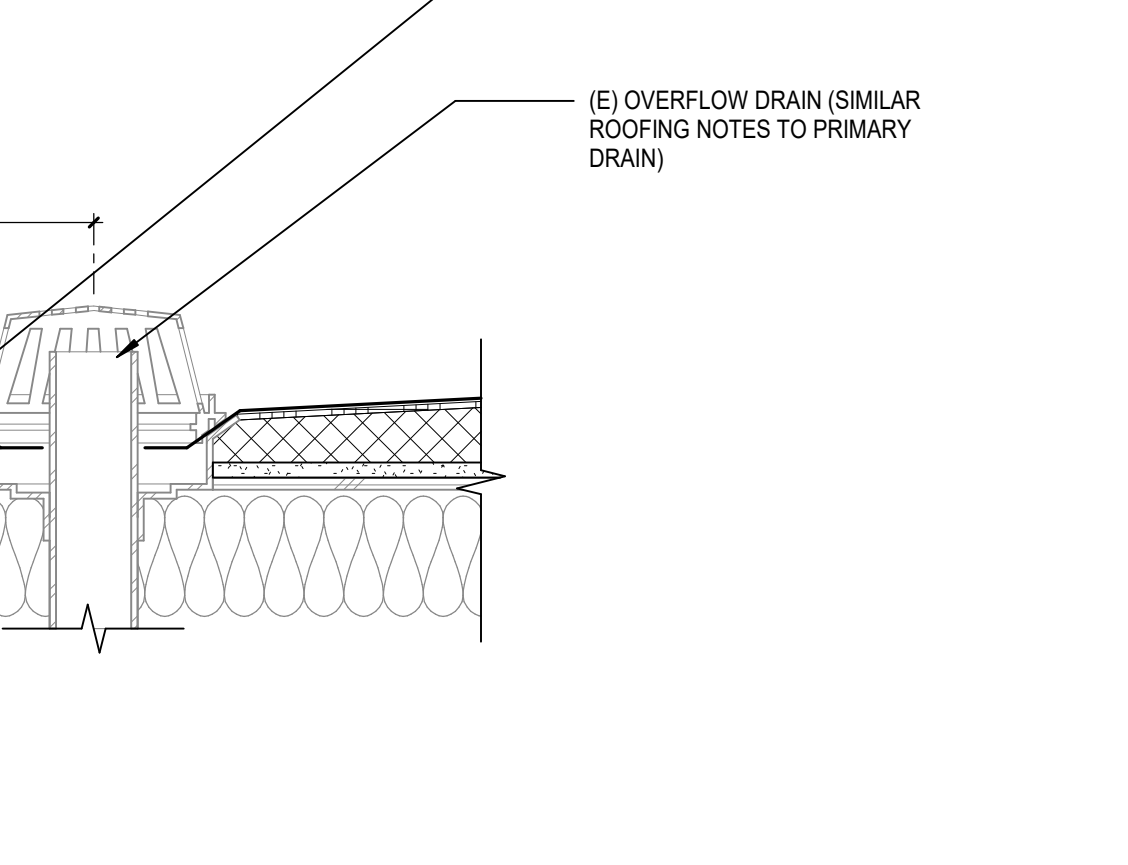
26 TYPICAL ROOF ASSEMBLY - SINGLE PLY
A10.1 SCALE: 1 1/2" = 1'-0"



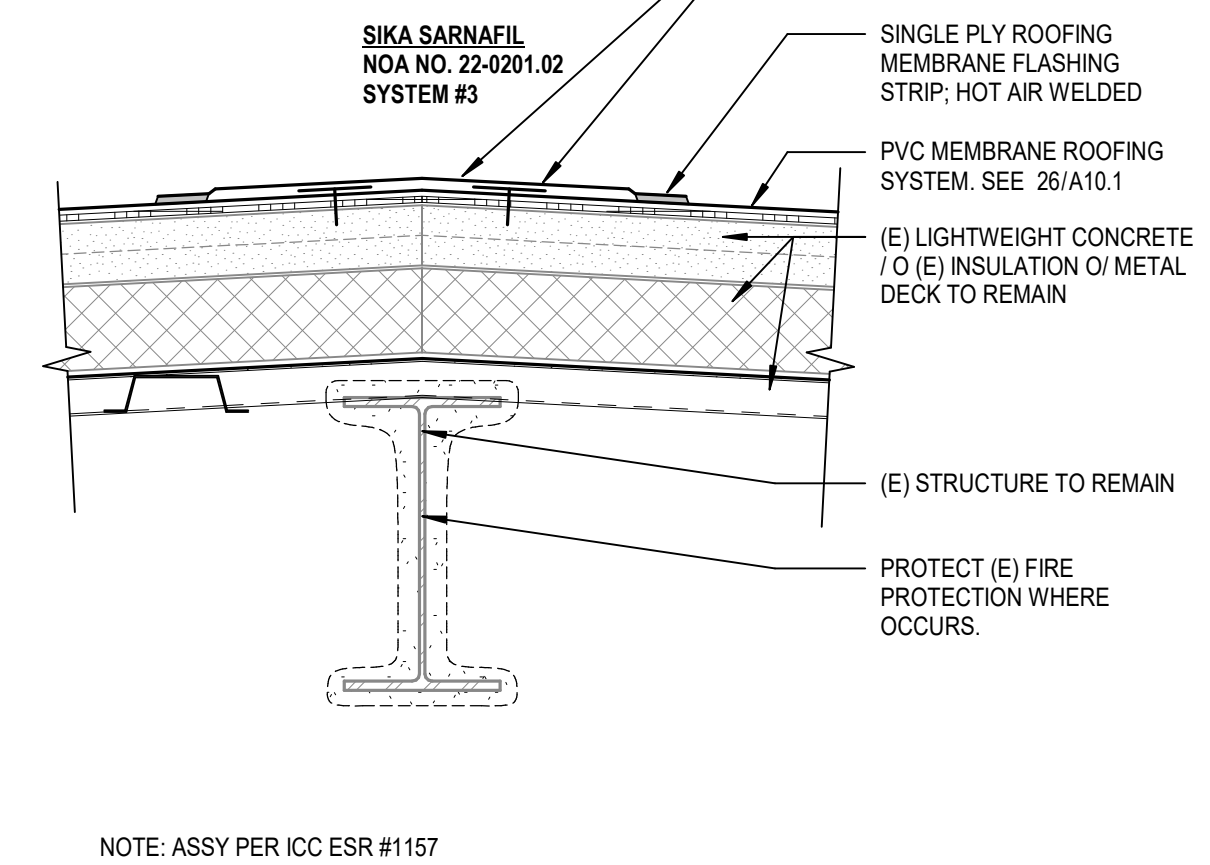
41 STUCCO @ EXTERIOR CEILING
A10.1 SCALE: 1 1/2" = 1'-0"



43 ROOF DRAIN AND OVERFLOW
A10.1 SCALE: 1 1/2" = 1'-0"



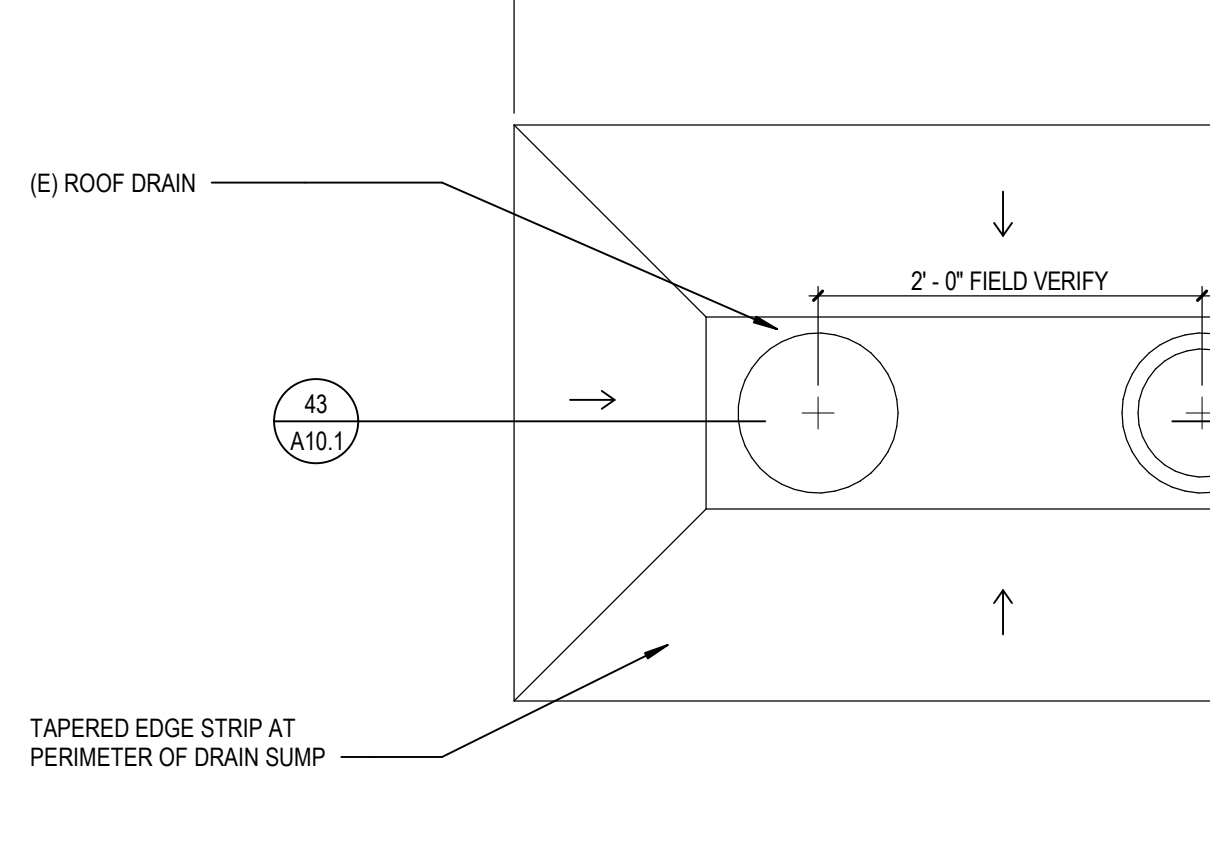
45 FLASHING @ ROOF HATCH
A10.1 SCALE: 1 1/2" = 1'-0"



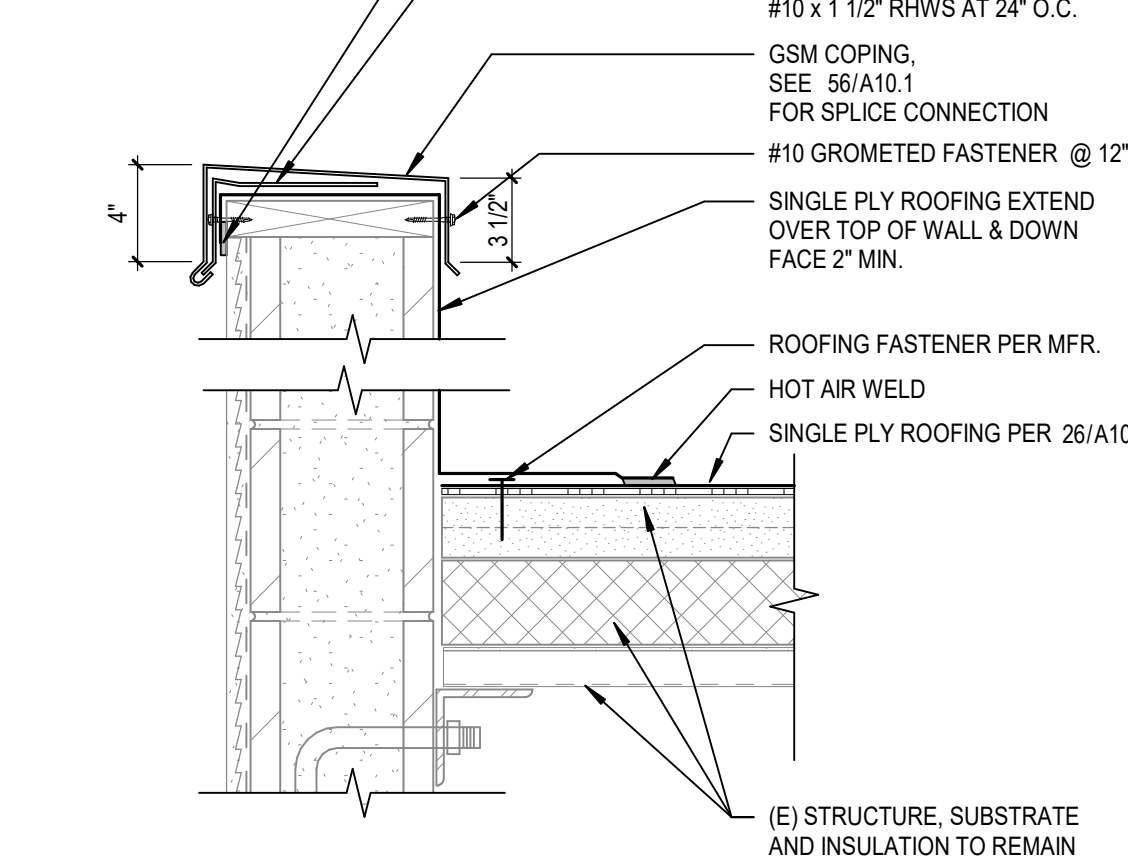
46 SINGLE PLY ROOF SLOPE TRANSITIONS
A10.1 SCALE: 1 1/2" = 1'-0"



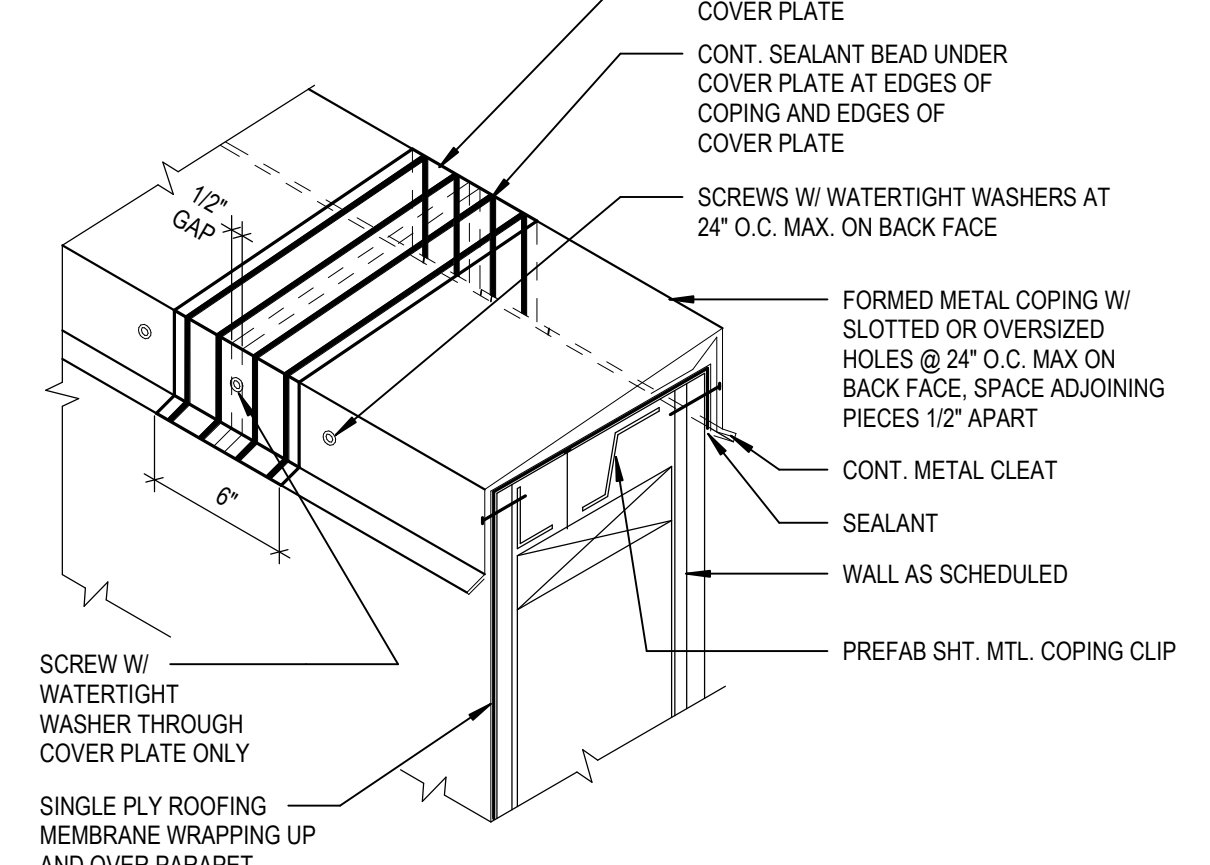
52 EXTERIOR WALL ASSEMBLY - STUCCO
A10.1 SCALE: 3" = 1'-0"



53 ROOF DRAIN - PLAN VIEW OF TYPICAL DRAIN SUMP
A10.1 SCALE: 1" = 1'-0"



54 PARAPET @ ROOF (CMU)
A10.1 SCALE: 1 1/2" = 1'-0"



56 COPING SPLICE
A10.1 SCALE: 1 1/2" = 1'-0"

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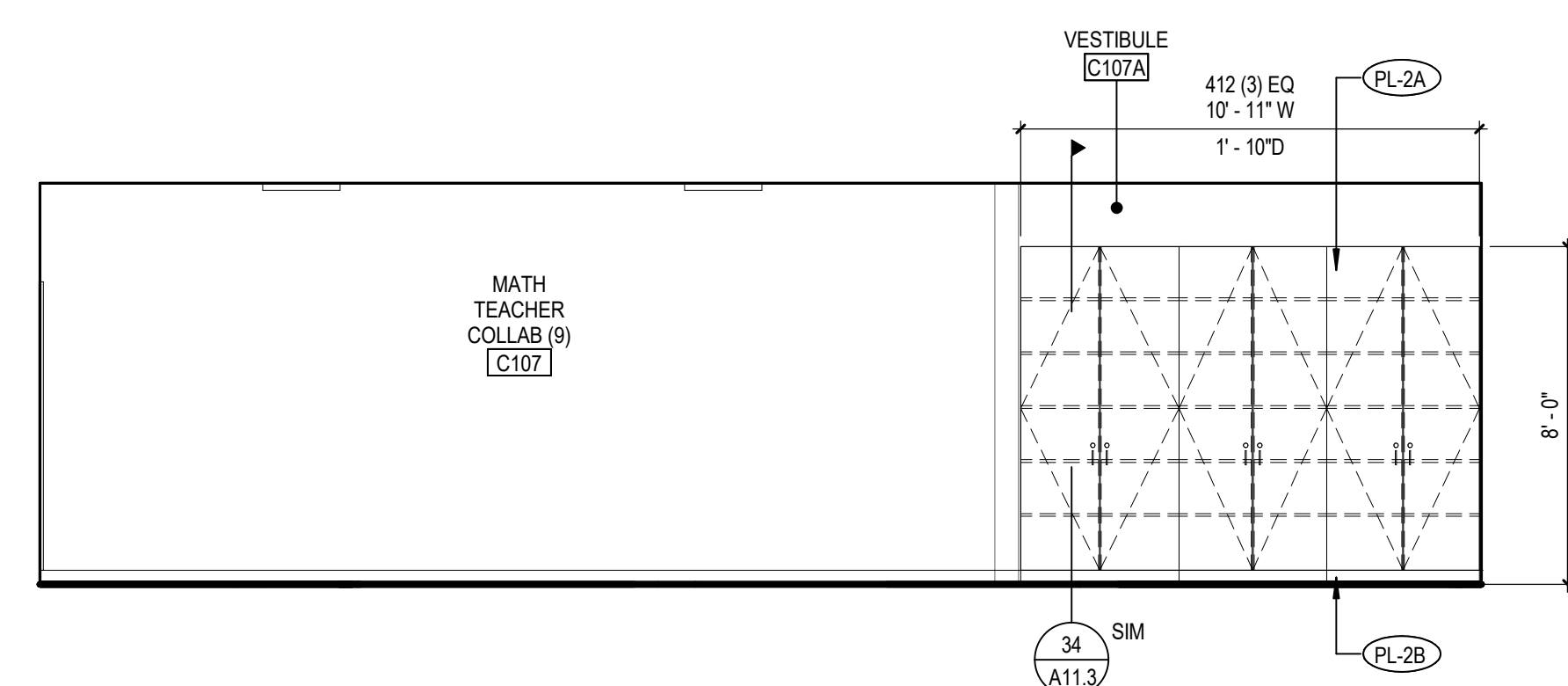
LICENSED ARCHITECT
 JESSE MILLER
 No. 63288
 10/31/2023
 STATE OF CALIFORNIA

ROOF DETAILS
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave., South El Monte, CA 91733

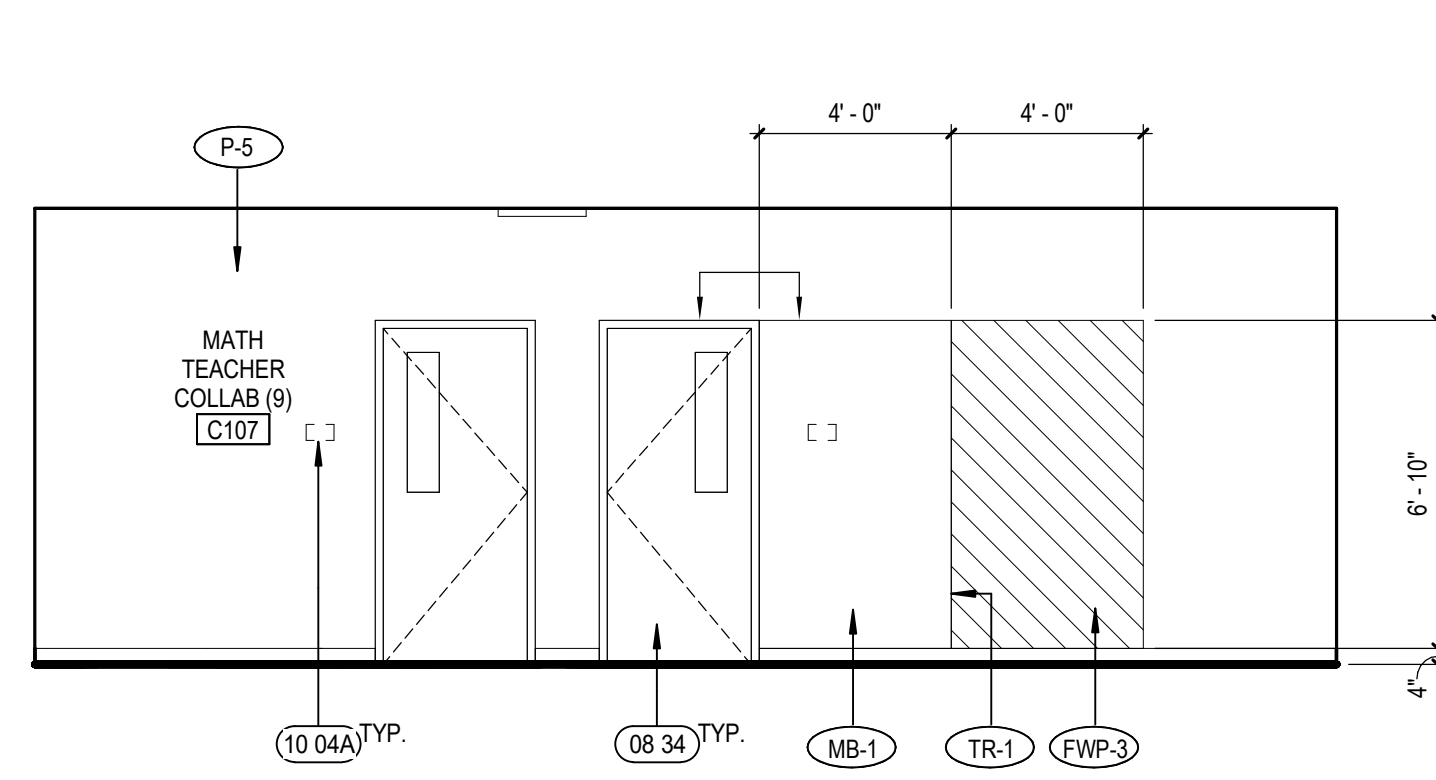
100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2

PROJECT #75-20225-00
 DSA APPL. #03-122081
 DSA FILE #19-H10

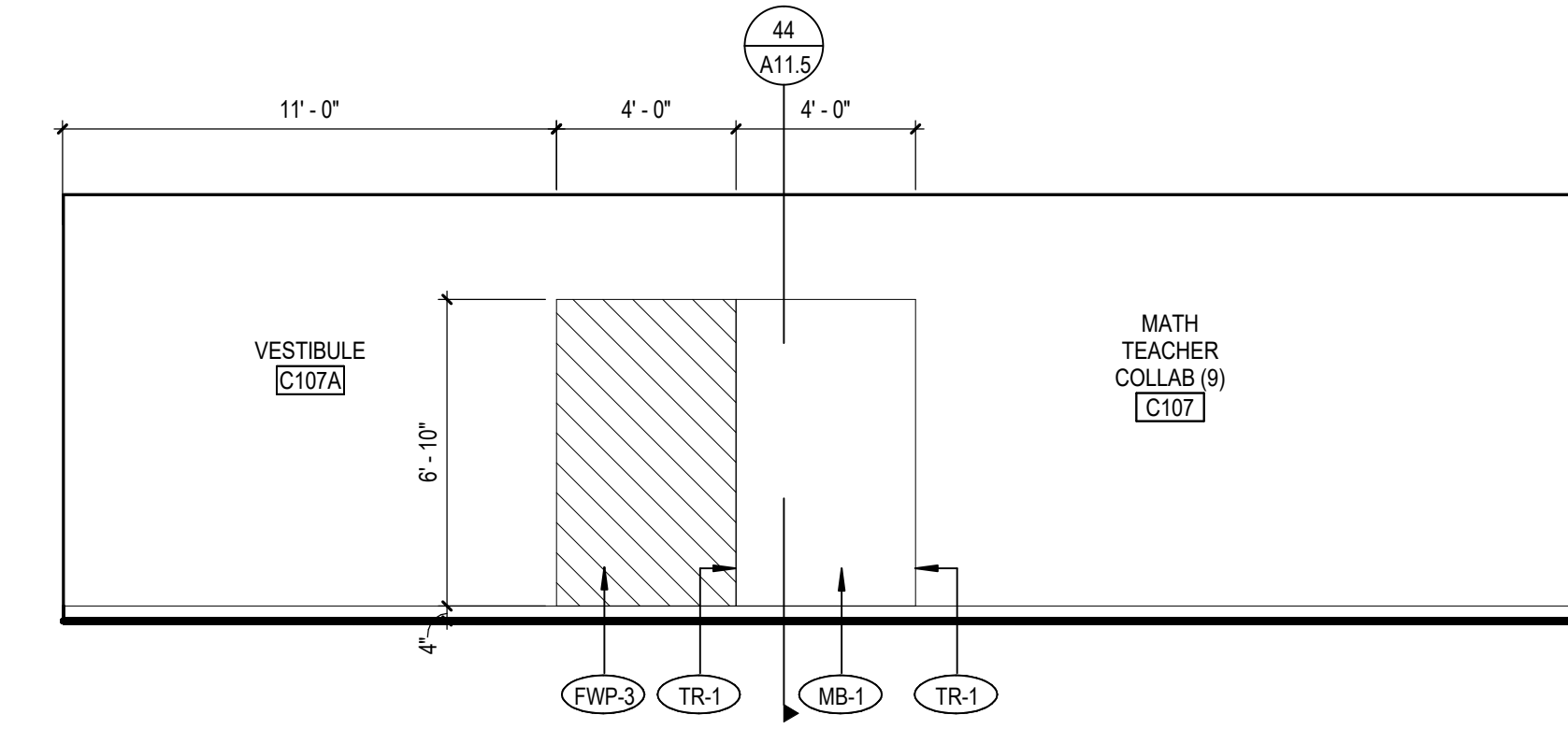
A10.1



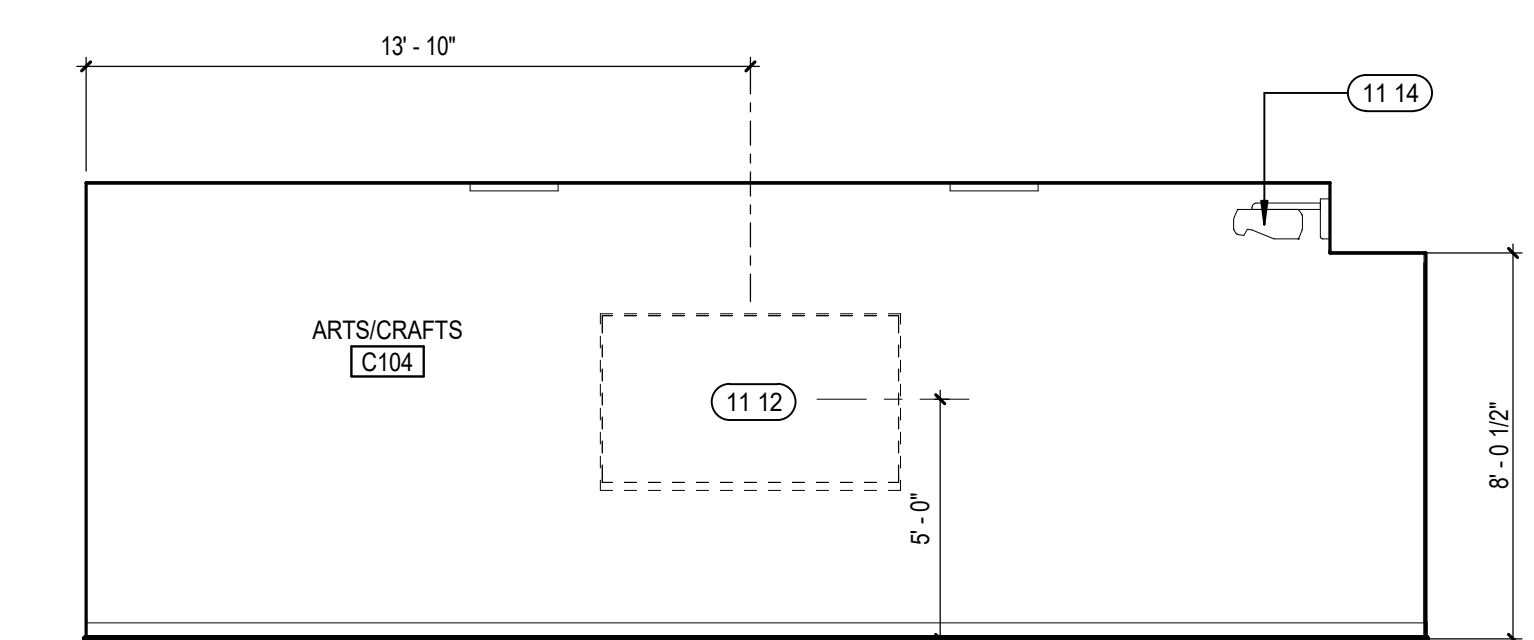
11 BLDG C - ROOM C107 - SOUTH ELEV
A10.C3 SCALE: 1/4" = 1'-0"



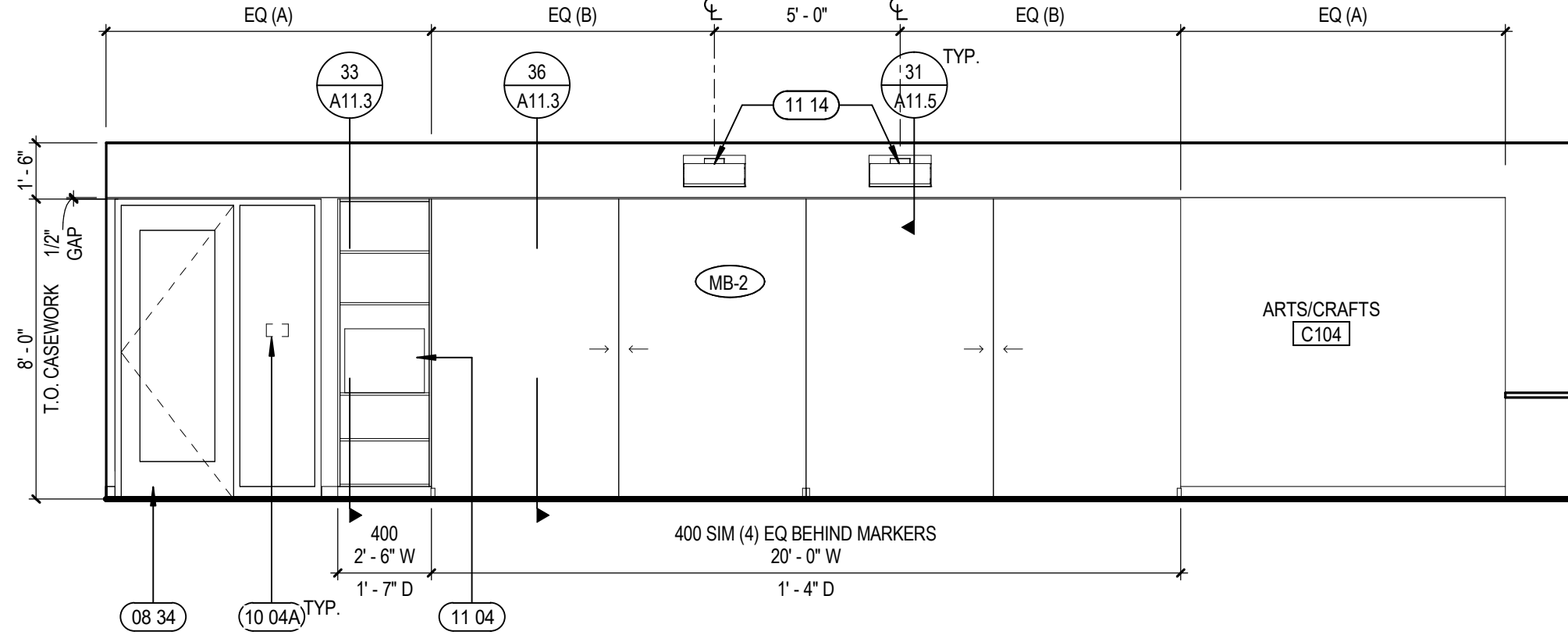
13 BLDG C - ROOM C107 - EAST ELEV
A10.C3 SCALE: 1/4" = 1'-0"



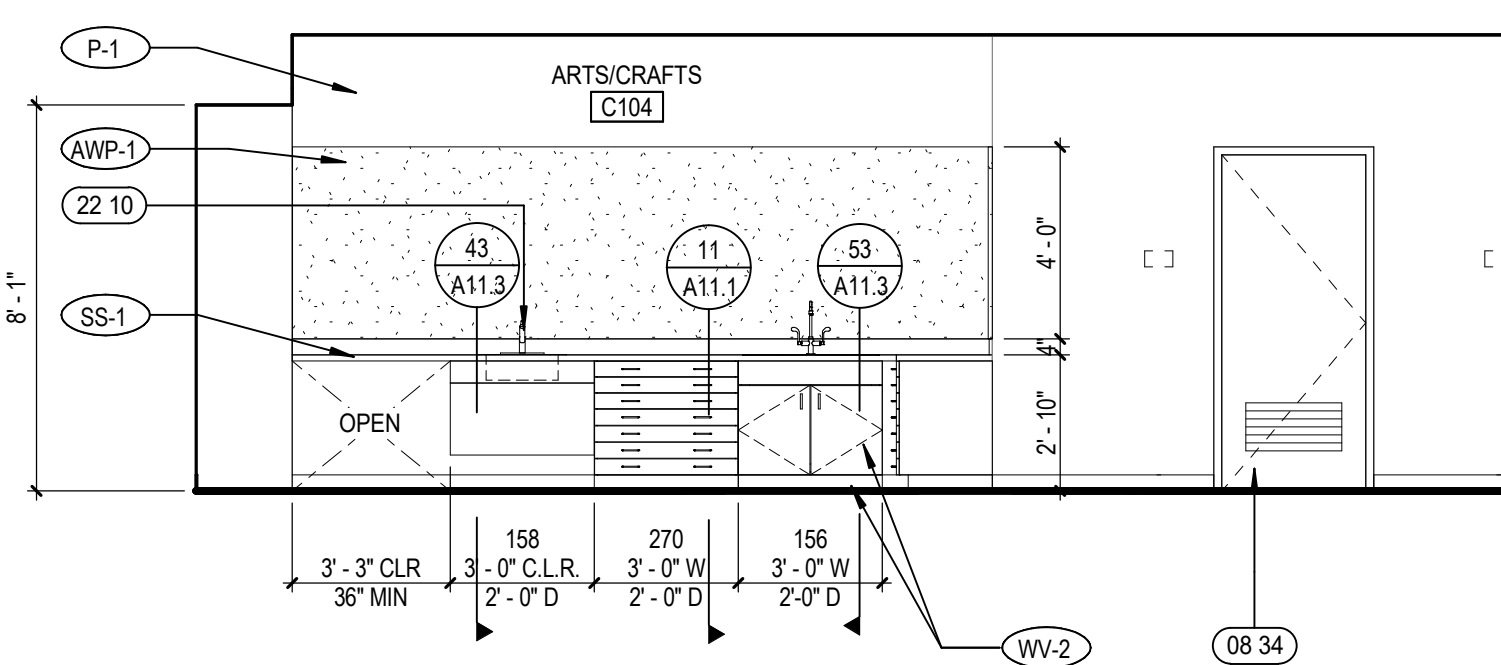
14 BLDG C - ROOM C107 - NORTH ELEV
A10.C3 SCALE: 1/4" = 1'-0"



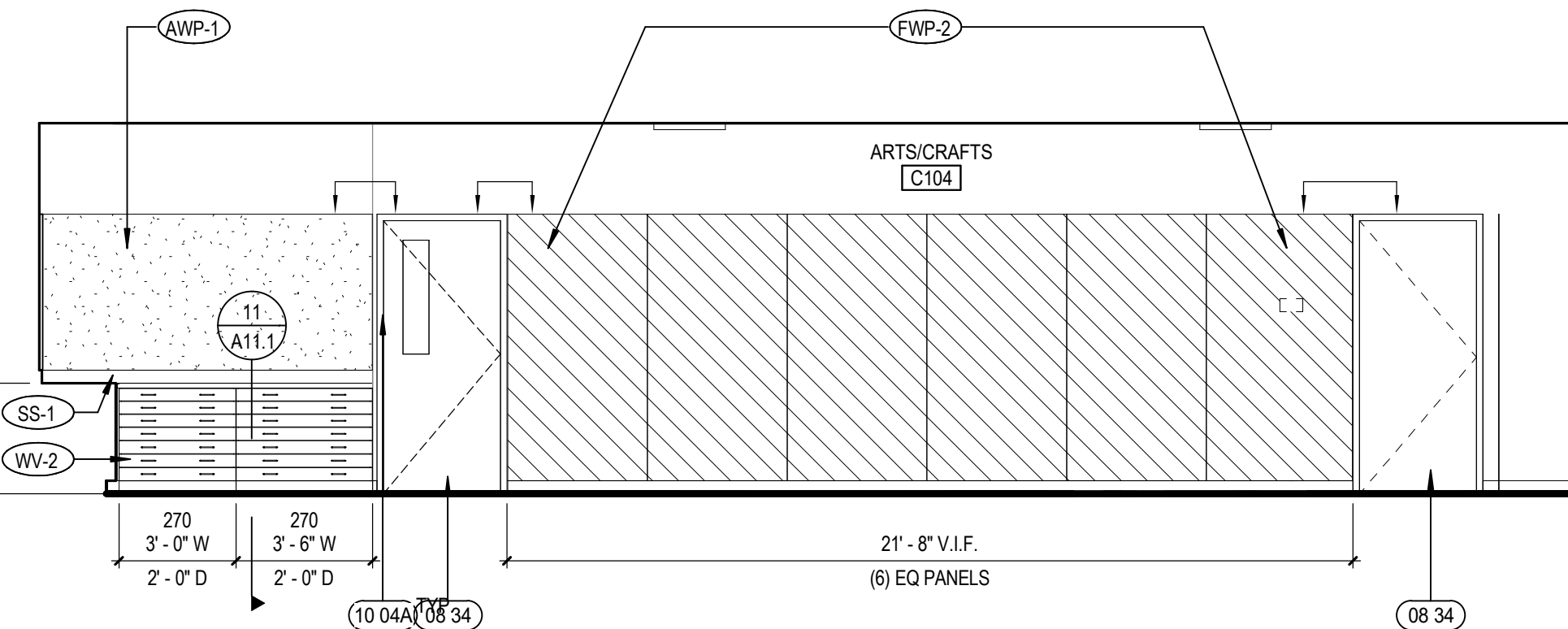
21 BLDG C - ROOM C104 - NORTH ELEV
A10.C3 SCALE: 1/4" = 1'-0"



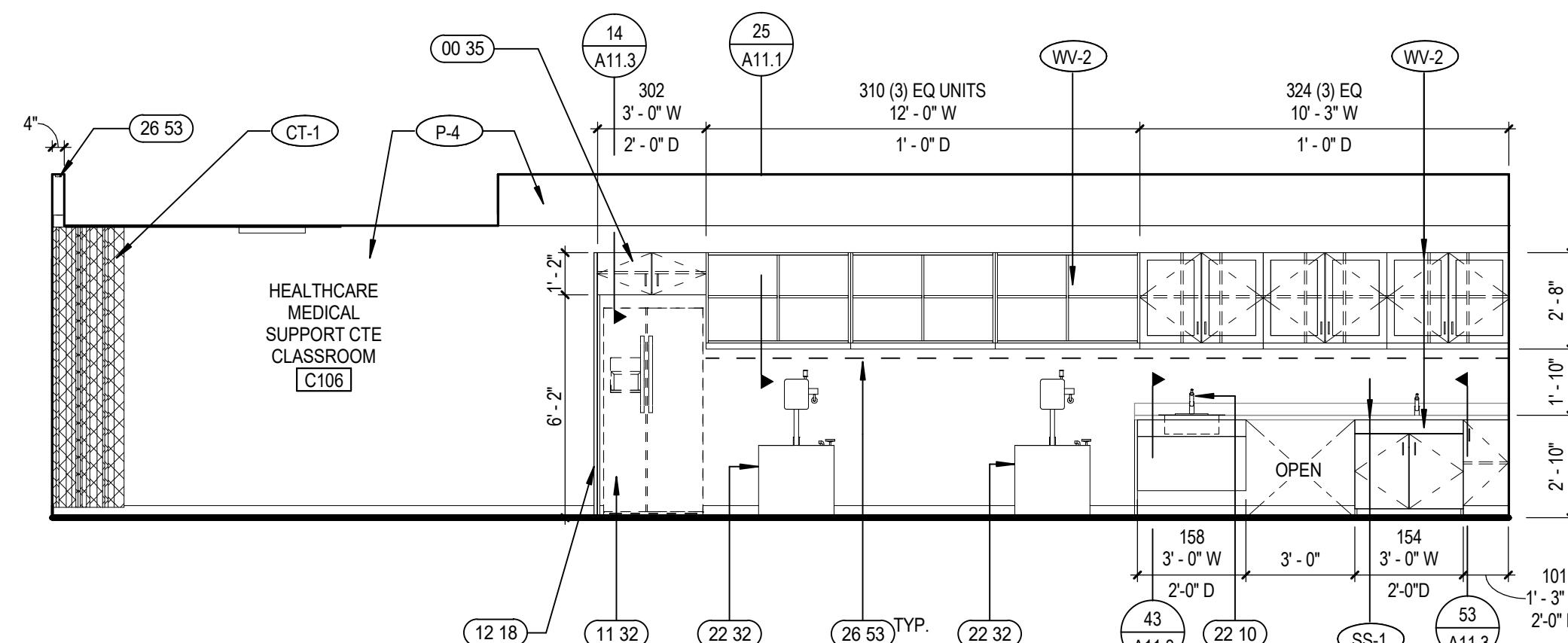
22 BLDG C - ROOM C104 - EAST ELEV (C103 WEST OH)
A10.C3 SCALE: 1/4" = 1'-0"



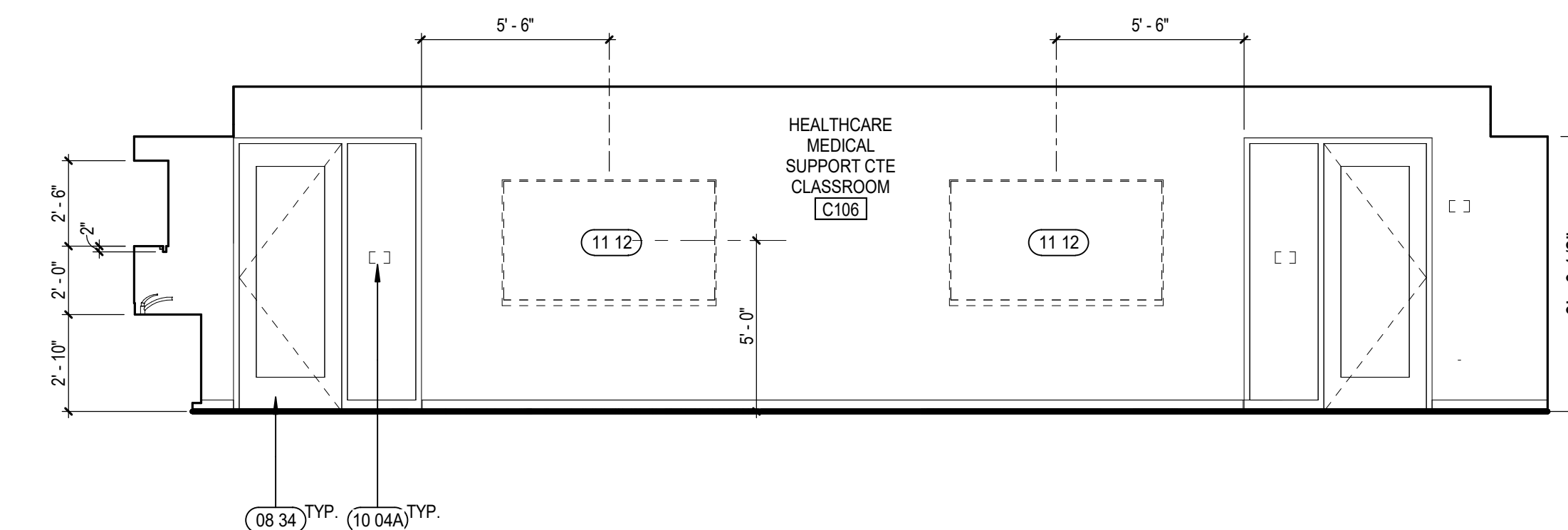
24 BLDG C - ROOM C104 - SOUTH ELEV
A10.C3 SCALE: 1/4" = 1'-0"



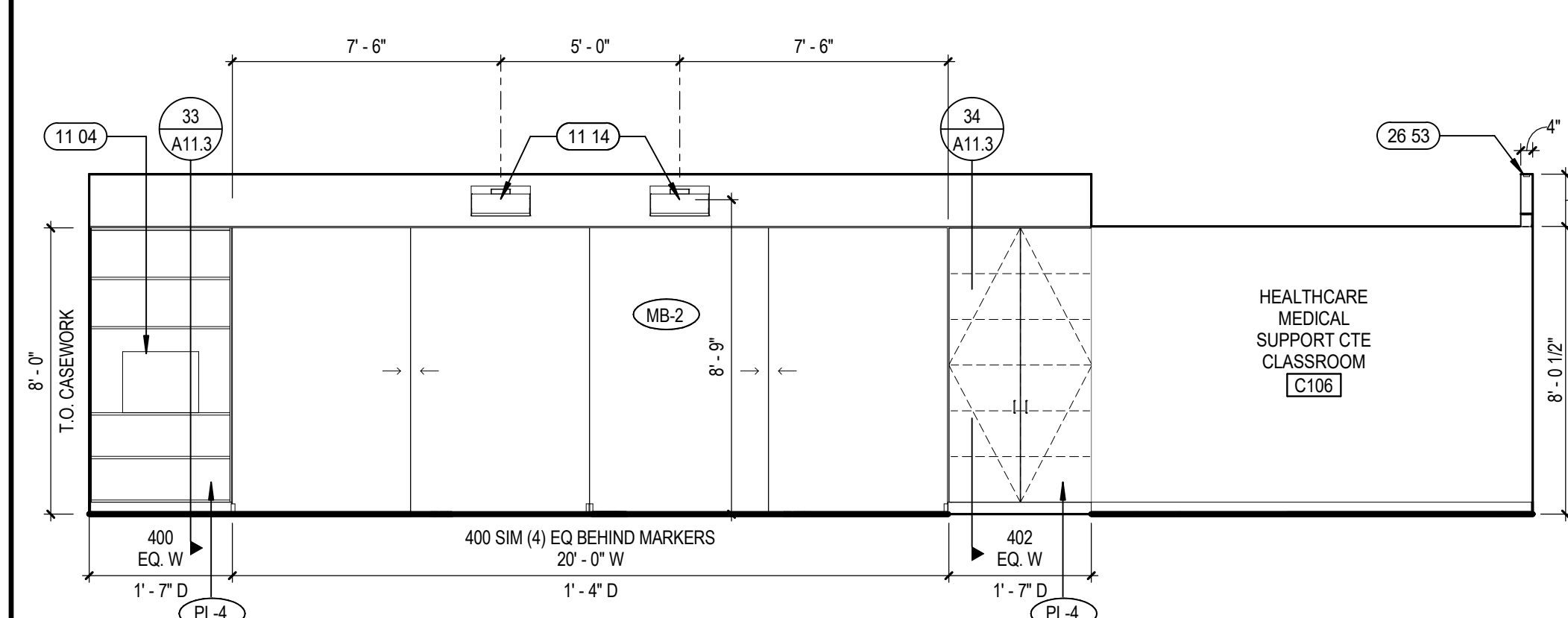
31 BLDG C - ROOM C104 - WEST ELEV
A10.C3 SCALE: 1/4" = 1'-0"



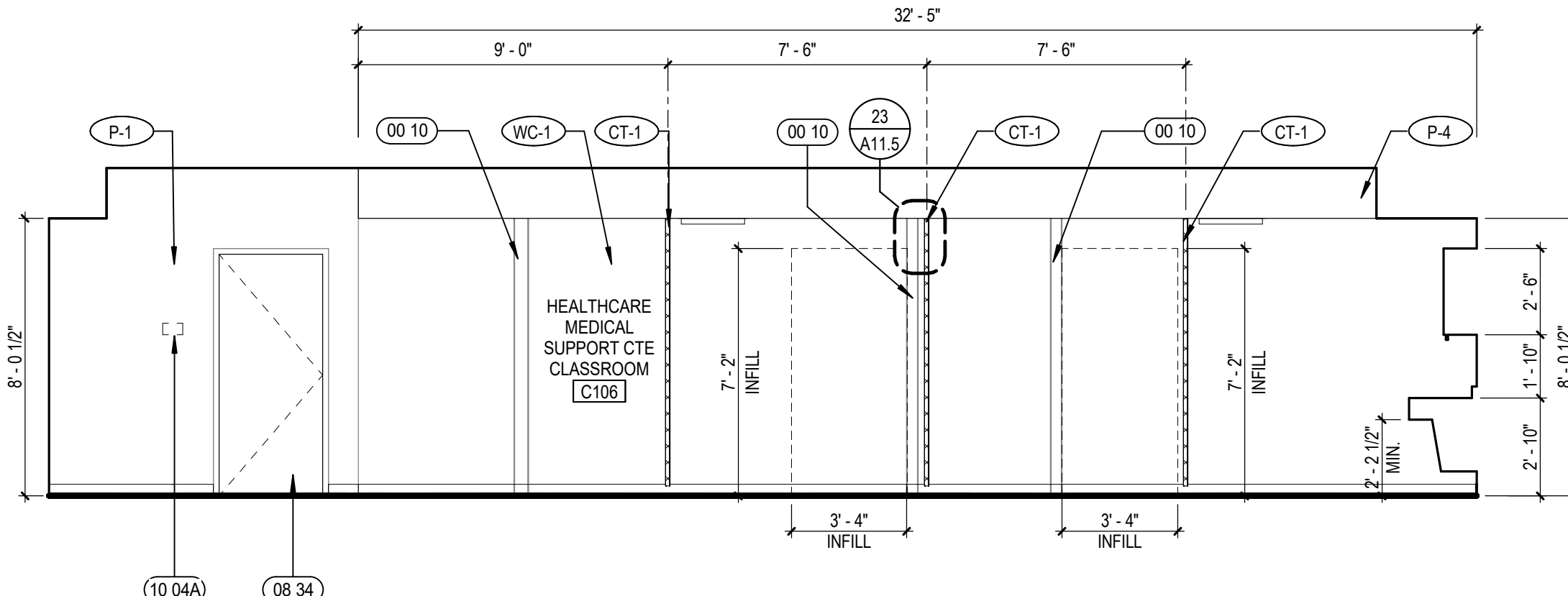
33 BLDG C - ROOM C106 - NORTH ELEV
A10.C3 SCALE: 1/4" = 1'-0"



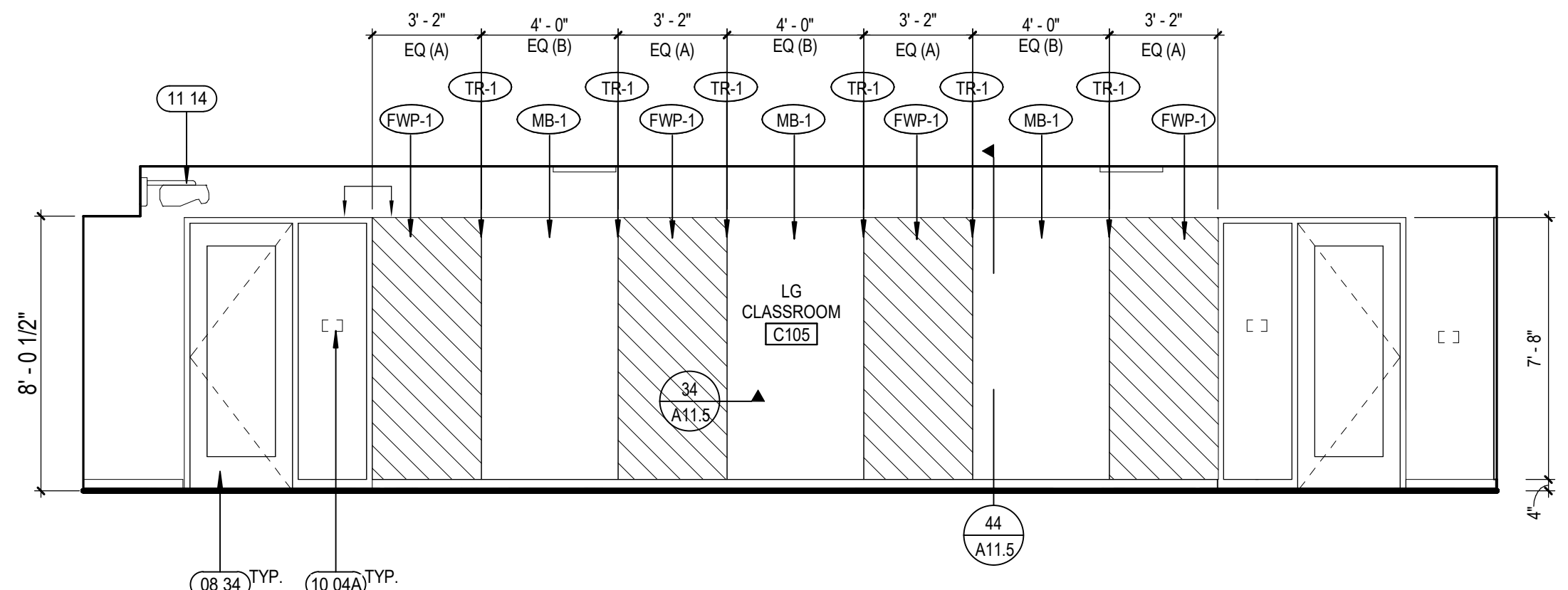
35 BLDG C - ROOM C106 - EAST ELEV
A10.C3 SCALE: 1/4" = 1'-0"



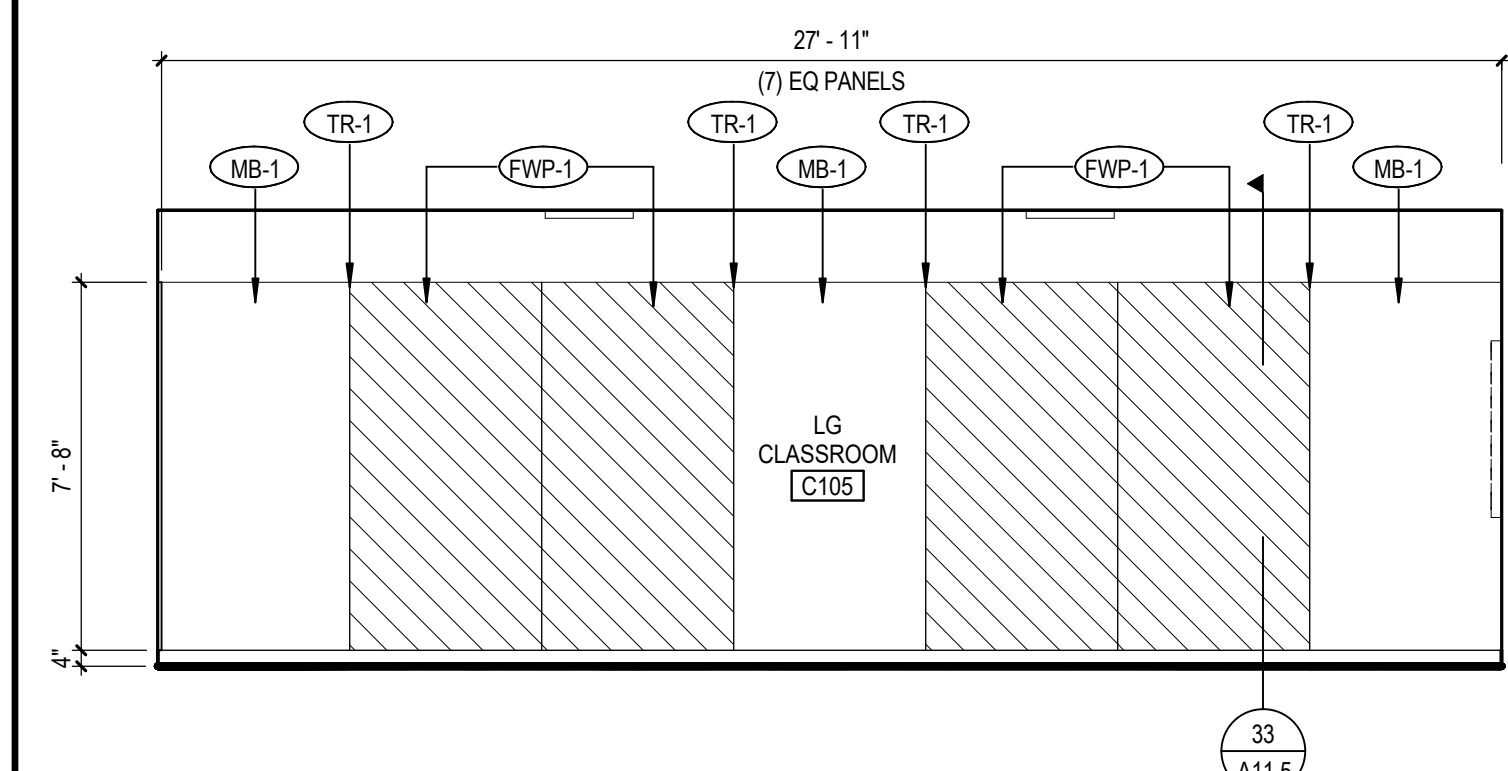
41 BLDG C - ROOM C106 - SOUTH ELEV
A10.C3 SCALE: 1/4" = 1'-0"



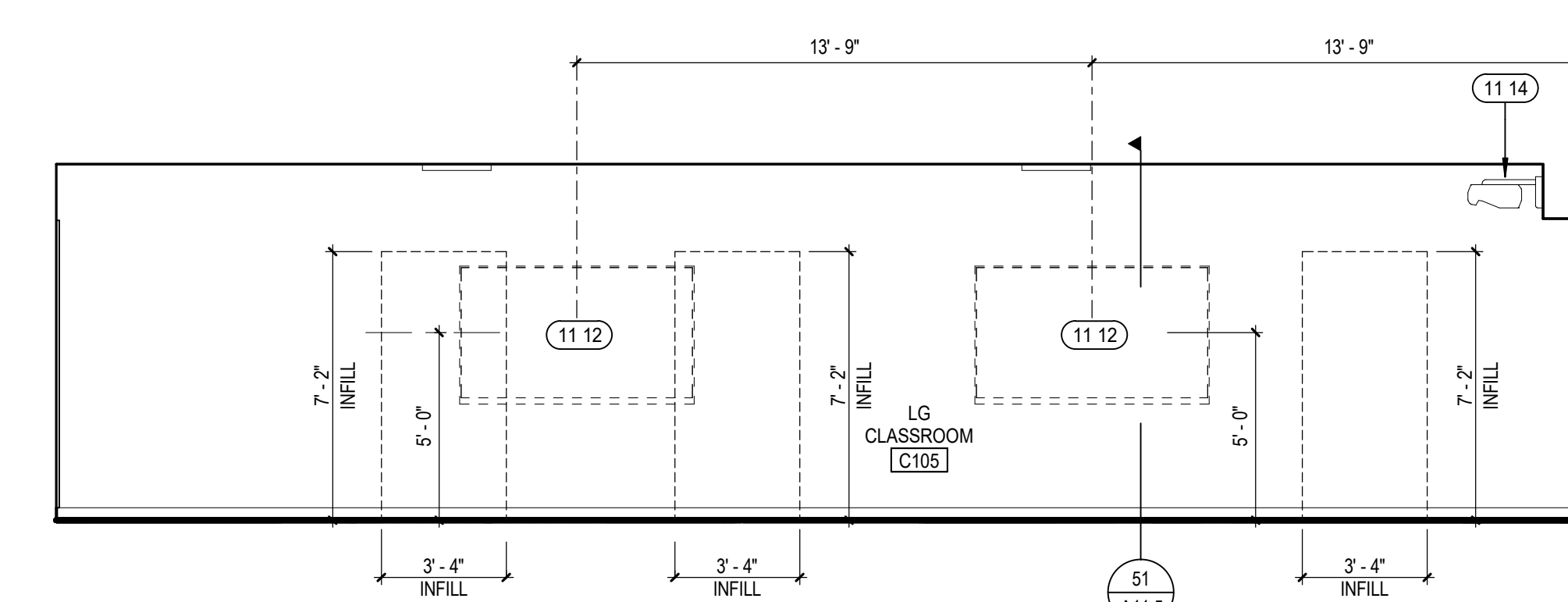
43 BLDG C - ROOM C106 - WEST ELEV
A10.C3 SCALE: 1/4" = 1'-0"



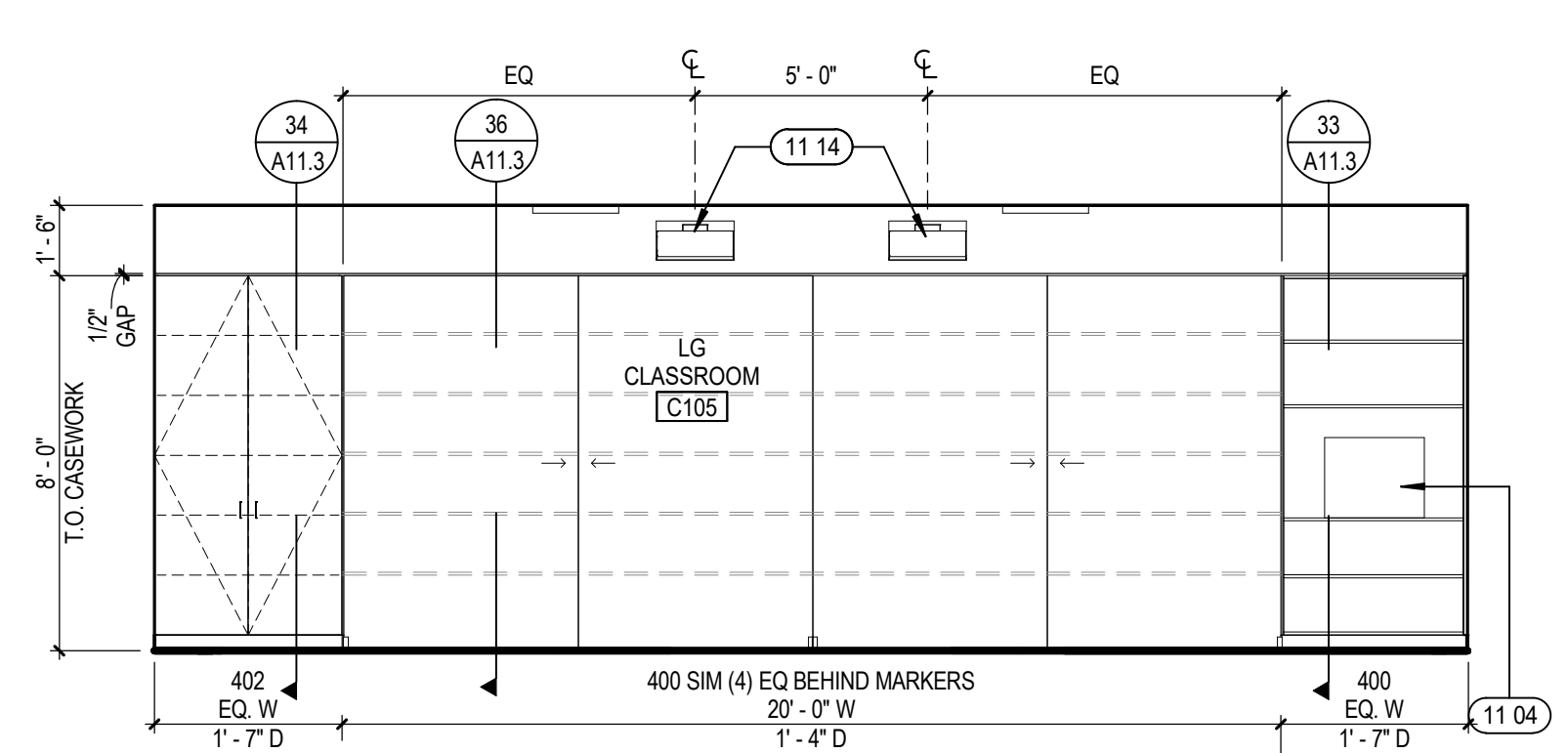
45 BLDG C - ROOM C105 - WEST ELEV
A10.C3 SCALE: 1/4" = 1'-0"



51 BLDG C - ROOM C105 - NORTH ELEV
A10.C3 SCALE: 1/4" = 1'-0"



52 BLDG C - ROOM C105 - EAST ELEV
A10.C3 SCALE: 1/4" = 1'-0"



54 BLDG C - ROOM C105 - SOUTH ELEV
A10.C3 SCALE: 1/4" = 1'-0"

KEYNOTES

- 00 10 (E) COLUMN TO REMAIN - PAINTED
- 00 35 GC TO COORDINATE TO HAVE UPPER AND SIDE PANEL MATCH TO REFRIGERATOR'S DEPTH
- 08 34 NEW/REPLACED DOOR AND FRAME. SEE PLANS AND DOOR/FRAME SCHEDULE ON SHEETS AB 2 & AB 3
- 10 04A SIGNAGE. SEE SIGNAGE PLANS FOR DETAIL
- 11 04 SCHEDULED CELL PHONE CHARGING STATION PC-1. SEE FINISH SCHEDULE
- 11 12 85" TV MONITOR, OFC1 - REFER TO 51A115 TYP. CONTRACTOR TO INSTALL TV MOUNT AND BACKING. TYP.
- 11 14 SCHEDULED SHORT THROW PROJECTOR STP-1. SEE FINISH SCHEDULE FOR DETAILS. SEE ELECTRICAL FOR POWER AND AV INFRASTRUCTURE
- 11 32 REFRIGERATOR, OFC1
- 12 18 CASEWORK END PANEL
- 22 10 ACCESSIBLE SINK. SEE P DWGS
- 22 32 WHIRLPOOL TUB. SEE SPECIFICATION 11 90 00 FOR ADDITIONAL INFO
- 26 53 LIGHT FIXTURE. SEE ELECTRICAL DWGS

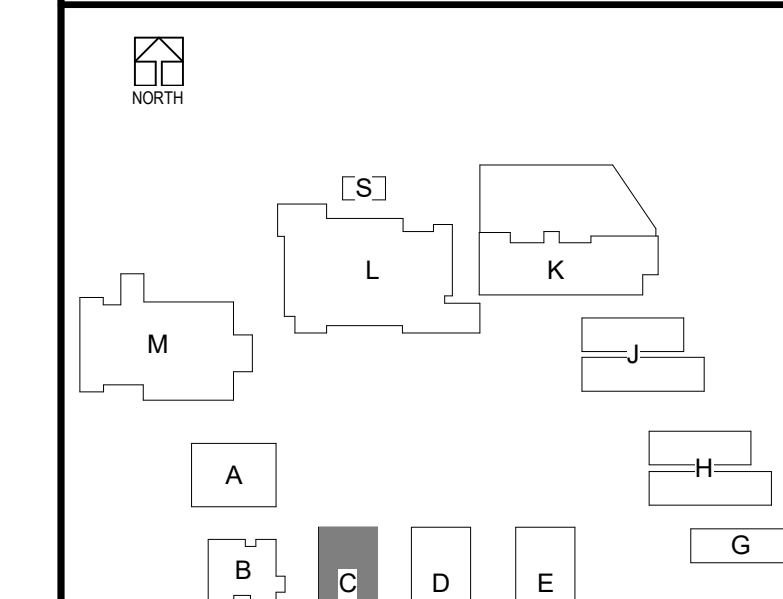
INTERIOR ELEVATION GENERAL NOTES

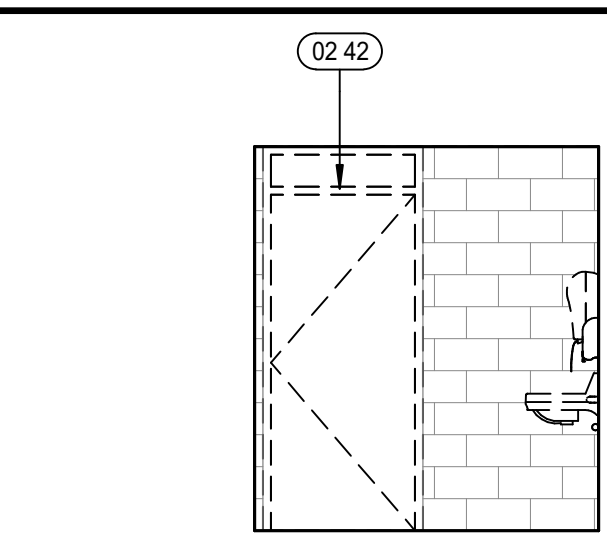
- A. REFER TO FINISH SCHEDULE ON SHEET A12.00 AND FINISH PLANS ON A12 SERIES FOR ADDITIONAL FINISH INFO.
- B. PROVIDE CLOSURE PANELS AT ALL CABINET JOINT CORNERS.
- C. GENERAL COUNTERTOP & CASEWORK FINISH IS PL-4, U.O.N. PROVIDE VERTICAL GRAIN DIRECTION ON VERTICAL SURFACES & HORIZONTAL GRAIN DIRECTION ON HORIZONTAL/PLANAR SURFACES.
- D. ALL NEW AND EXISTING PARTITIONS TO BE FINISHED IN P-1 & RB-1 U.O.N.
- E. ALL INFILL PARTITIONS TO BE FLUSH WITH ADJACENT WALLS. PREPARE TO RECEIVE SCHEDULED WALL FINISH.
- F. REFER TO ELECTRICAL SHEETS FOR OUTLET LOCATIONS, AVOID PLACING OUTLETS AT SINK AREAS.

INTERIOR ELEVATION LEGEND

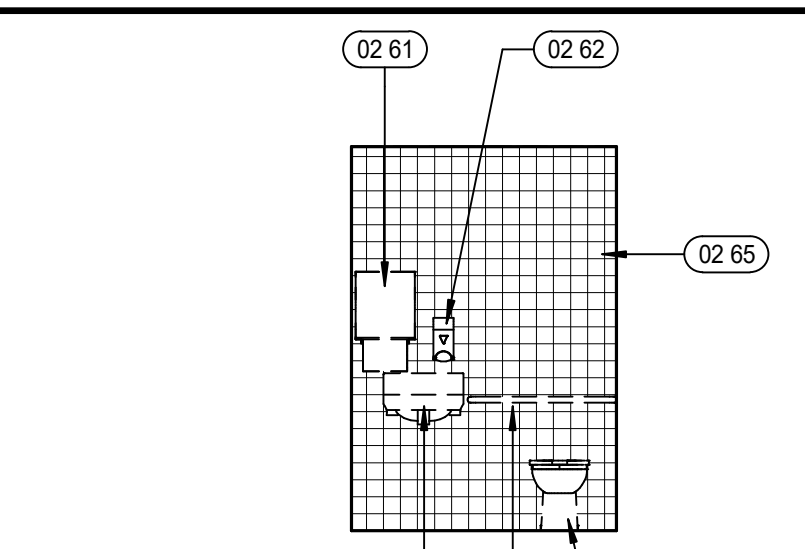
- XXX XXX CASEWORK ELEVATION
- XX XX XX INTERIOR ELEVATION
- ALIGNMENT SYMBOL
- KEYNOTE TAG
- FINISH KEY TAG
- DETAIL SECTION
- SPECIALTY EQUIPMENT TAG
- STOREFRONT TAG
- WINDOW TAG
- WALL TAG. SEE SHEET AB 1

KEY PLAN

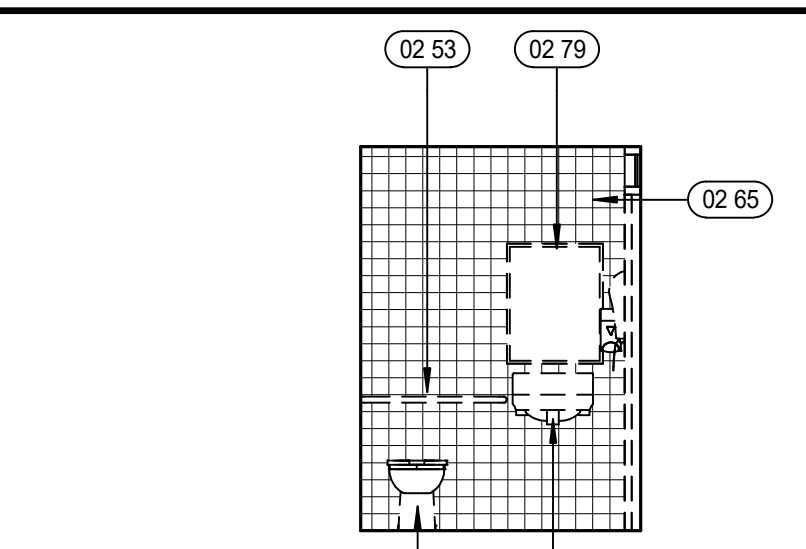




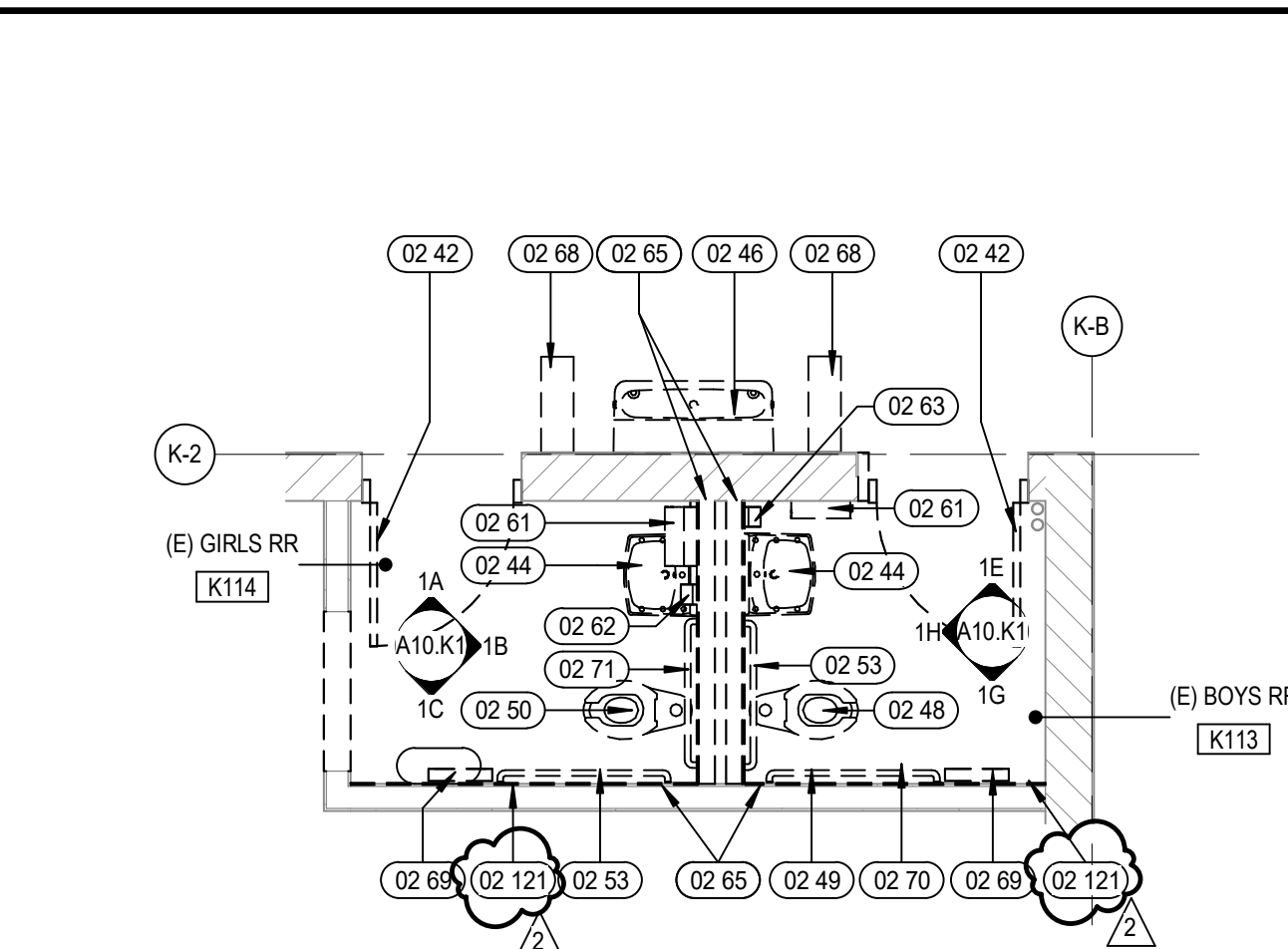
1A BLDG K - ROOM K114 - DEMO NORTH ELEV
A10.K1 SCALE: 1/4" = 1'-0"



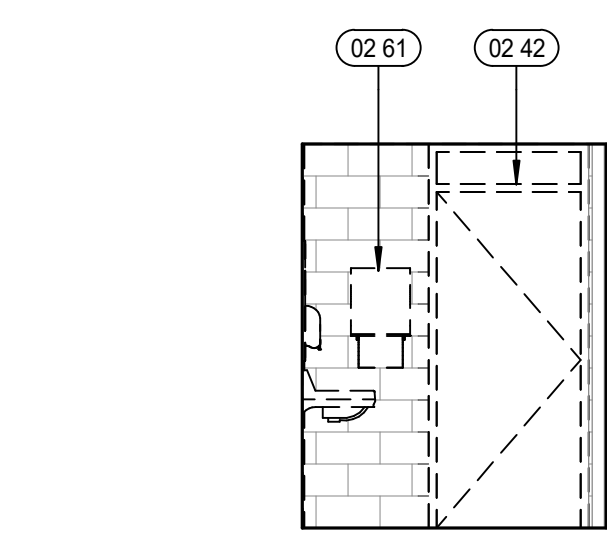
1B BLDG K - ROOM K114 - DEMO EAST ELEV
A10.K1 SCALE: 1/4" = 1'-0"



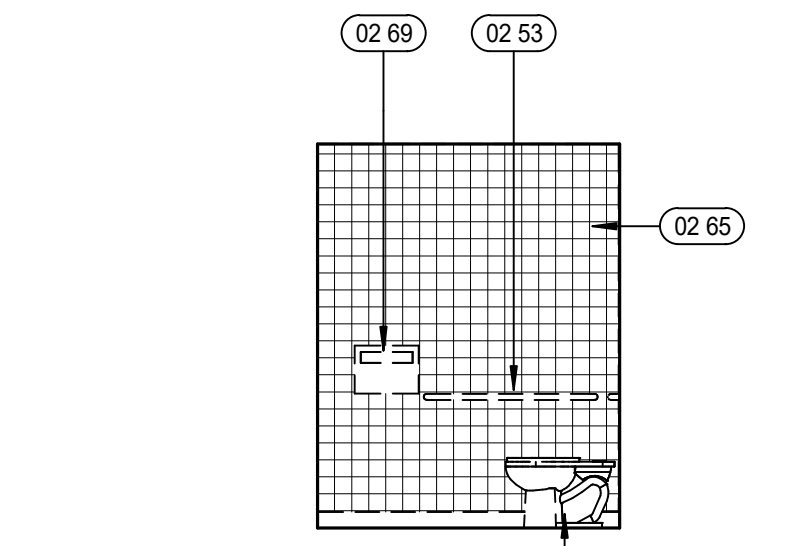
1H BLDG K - ROOM K113 - DEMO WEST ELEV
A10.K1 SCALE: 1/4" = 1'-0"



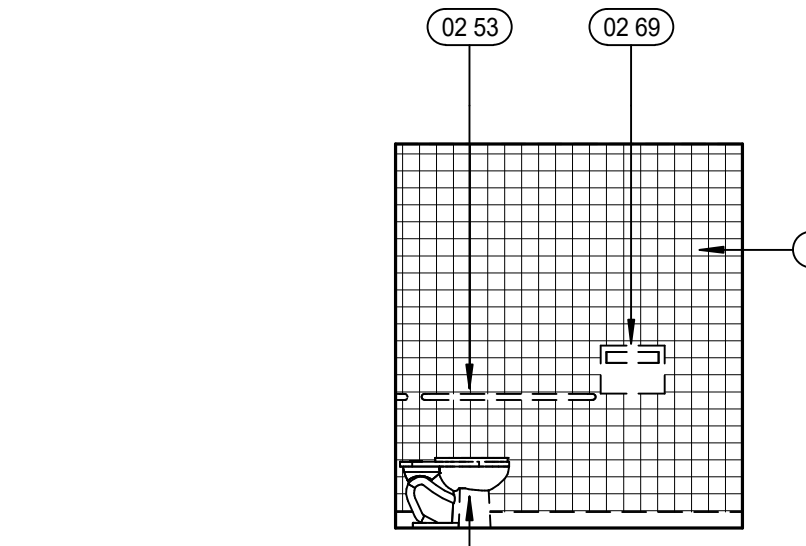
11 BLDG K - DEMO ENLARGED PLAN - ROOMS K113 & K114
A10.K1 SCALE: 1/4" = 1'-0"



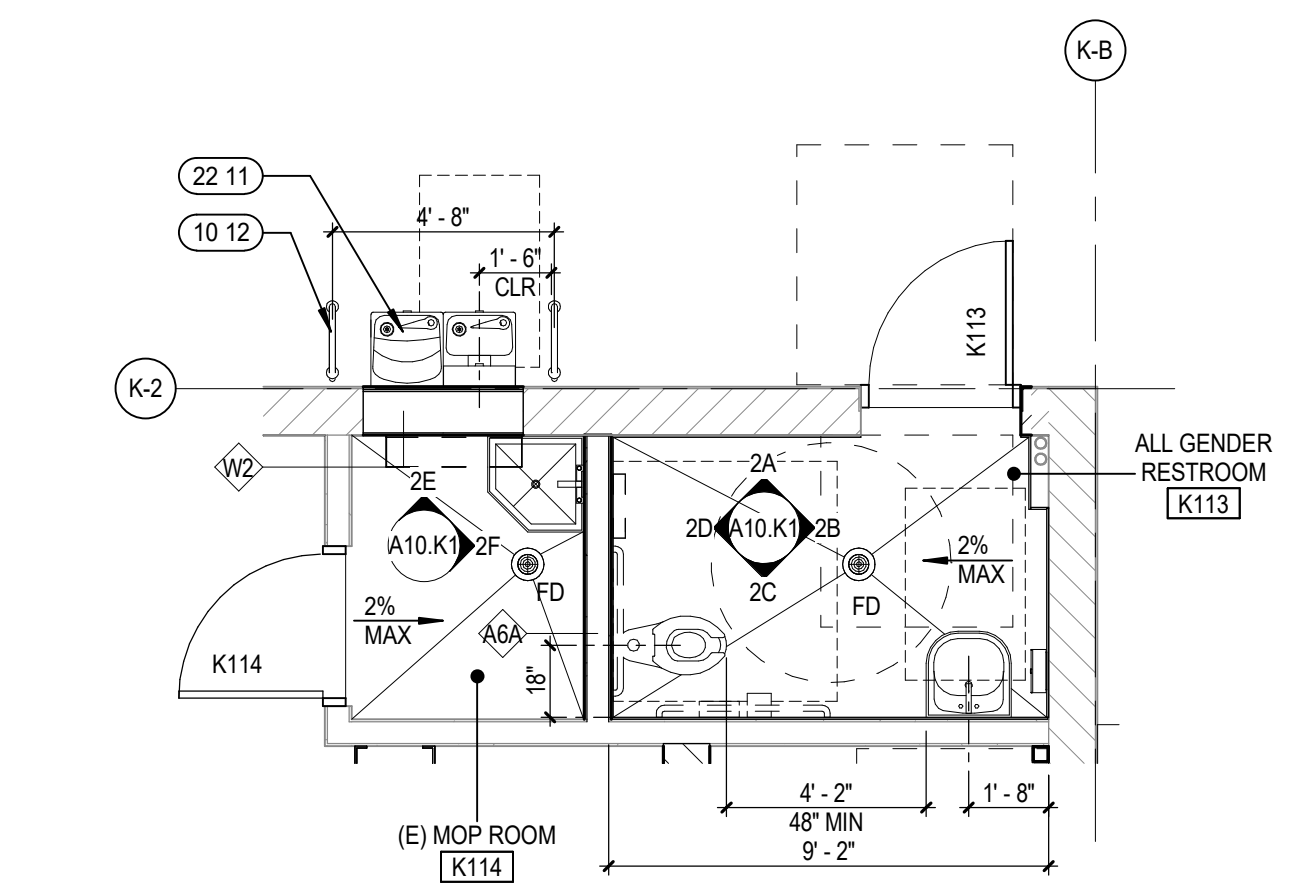
1E BLDG K - ROOM K113 - DEMO NORTH ELEV
A10.K1 SCALE: 1/4" = 1'-0"



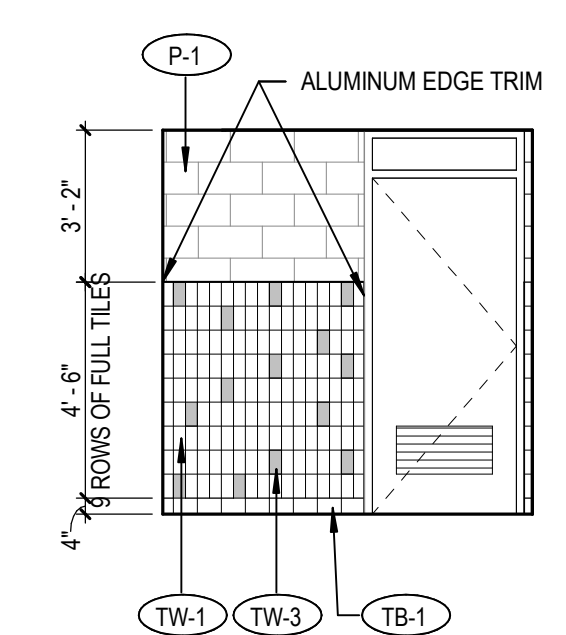
1G BLDG K - ROOM K113 - DEMO SOUTH ELEV
A10.K1 SCALE: 1/4" = 1'-0"



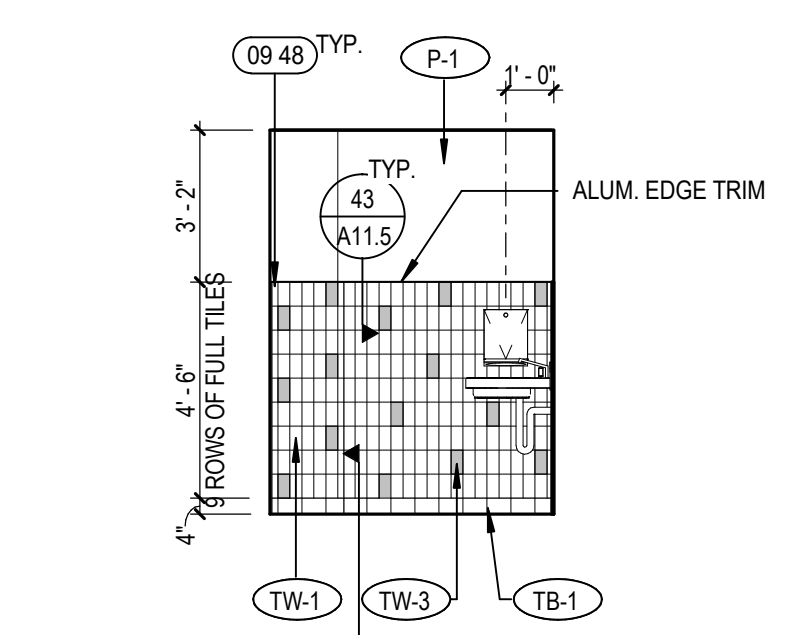
1C BLDG K - ROOM K114 - DEMO SOUTH ELEV
A10.K1 SCALE: 1/4" = 1'-0"



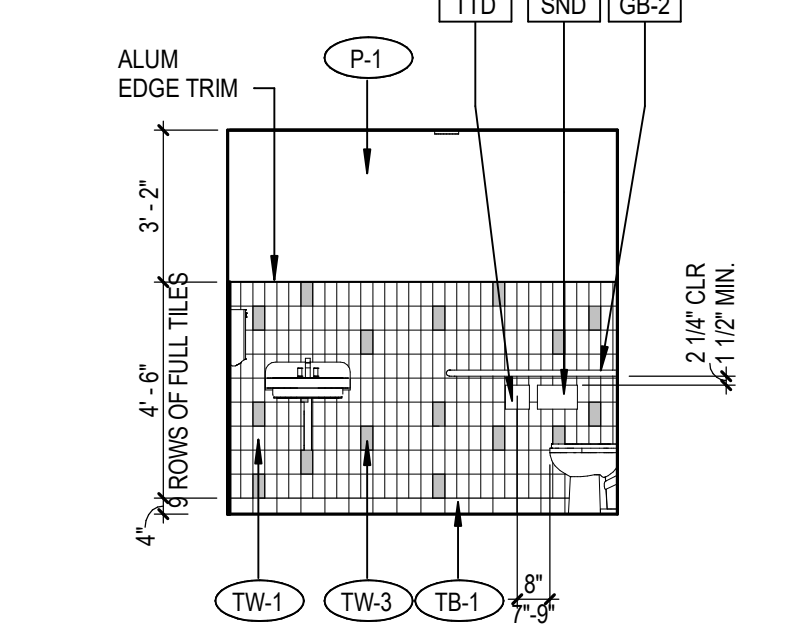
25 BLDG K - ENLARGED PLAN - ROOM K113
A10.K1 SCALE: 1/4" = 1'-0"



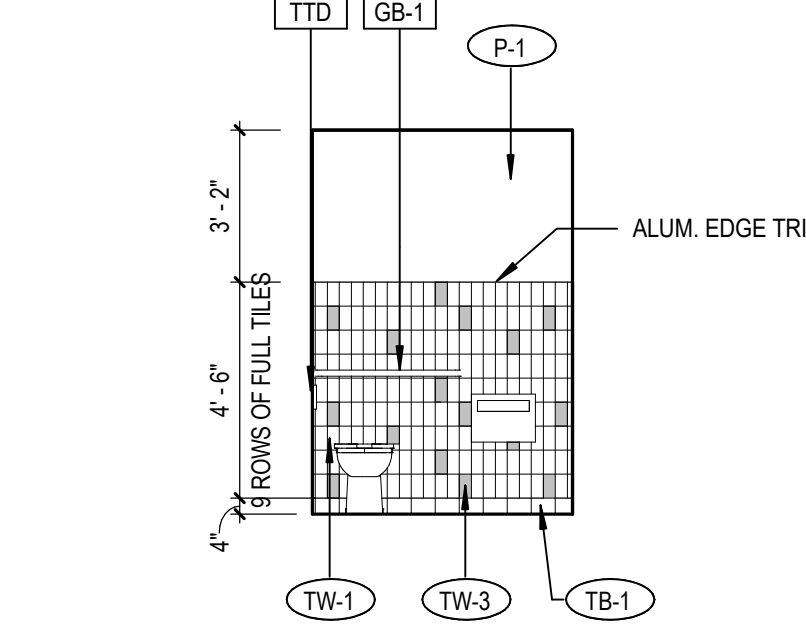
2A BLDG K - ROOM K113 - NEW NORTH ELEV
A10.K1 SCALE: 1/4" = 1'-0"



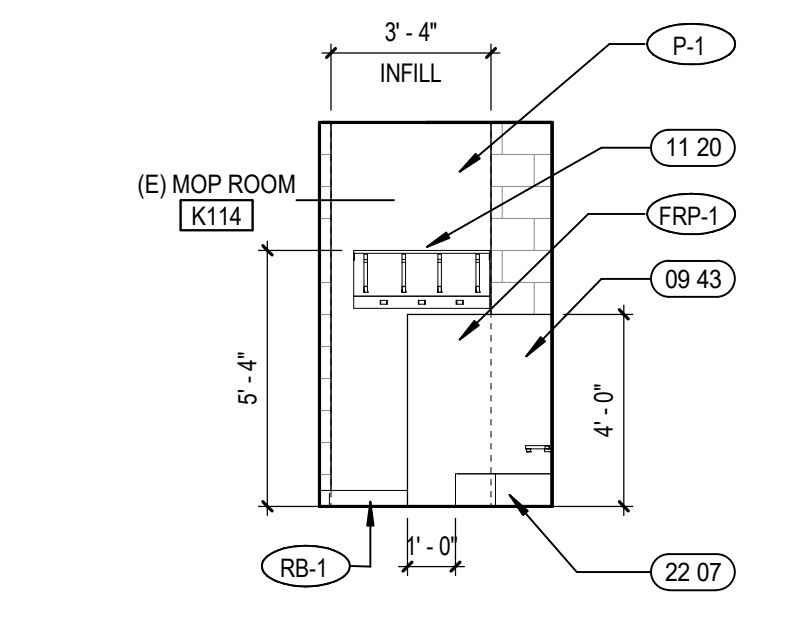
2B BLDG K - ROOM K113 - NEW EAST ELEV
A10.K1 SCALE: 1/4" = 1'-0"



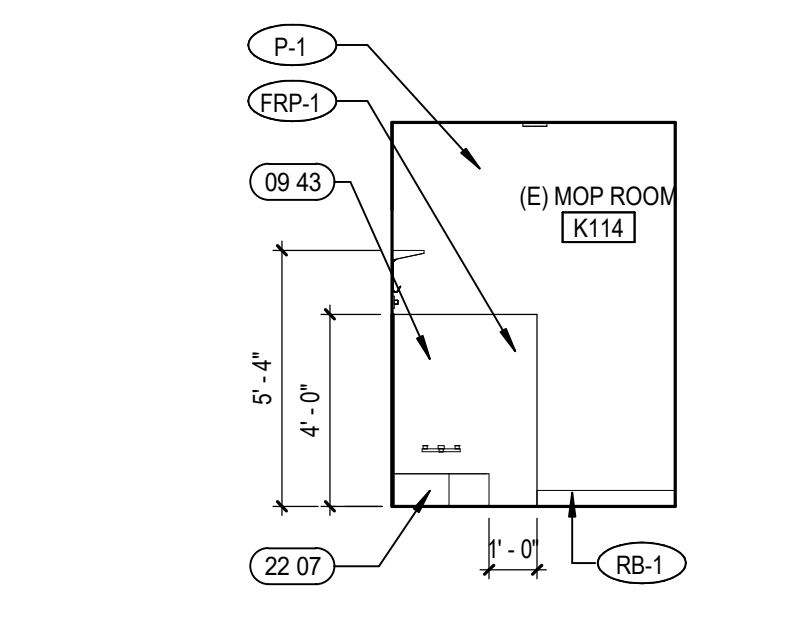
2C BLDG K - ROOM K113 - NEW SOUTH ELEV
A10.K1 SCALE: 1/4" = 1'-0"



2D BLDG K - ROOM K113 - NEW WEST ELEV
A10.K1 SCALE: 1/4" = 1'-0"



2E BLDG K - ROOM K114 - NEW NORTH ELEV
A10.K1 SCALE: 1/4" = 1'-0"



2F BLDG K - ROOM K114 - NEW EAST ELEV
A10.K1 SCALE: 1/4" = 1'-0"

- ### KEYNOTES
- 02 42 DEMO (E) DOOR, DOOR FRAME AND (WINDOWS, WHERE OCCURS)
 - 02 44 DEMO (E) SINK/LAVATORY, CAP PLUMBING LINES
 - 02 46 DEMO (E) DRINKING FOUNTAIN
 - 02 48 DEMO (E) WATER CLOSET, CAP THE PLUMBING LINES, CLOSE FLOOR OPENINGS
 - 02 49 REMOVE (E) GRAB BARS, PATCH THE WALL TO MATCH (E) FINISH
 - 02 50 (E) WATER CLOSET TO BE RELOCATED, SEE ENLARGED FLOOR PLAN, INTERIOR ELEVATIONS, AND PLUMBING DWGS
 - 02 53 (E) GRAB BAR TO BE RELOCATED, SEE ENLARGED PLAN AND INTERIOR ELEVATION
 - 02 61 (E) PAPER TOWEL DISPENSER TO BE REMOVED.
 - 02 62 (E) SOAP DISPENSER TO BE RELOCATED.
 - 02 63 (E) SOAP DISPENSER TO BE REMOVED
 - 02 65 REMOVE (E) WALL AND TILES
 - 02 68 (E) WING WALL TO BE REMOVED
 - 02 69 (E) SEAT COVER DISPENSER TO BE REMOVED
 - 02 70 (E) TOILET TISSUE DISPENSER TO BE REMOVED
 - 02 71 (E) GRAB BAR TO BE REMOVED
 - 02 79 (E) MIRRORS AND FRAMES TO BE REMOVED
 - 02 121 DEMO EXISTING FLOOR TILE
 - 04 43 48" H F.R.P. WALL FINISH AROUND MOP SINK
 - 09 48 AVOID PLACING ACCENT TILES AT CORNERS, TYP.
 - 10 12 CANE DETECTION RAILING, SEE SET 31/CP2.1
 - 11 20 UTILITY SHELF
 - 22 07 MOP SINK
 - 22 11 (N) H.H.O. DRINKING FOUNTAIN W/ BOTTLE FILLER, SEE DETAILS 14/CP2.1 & 14/A11.5

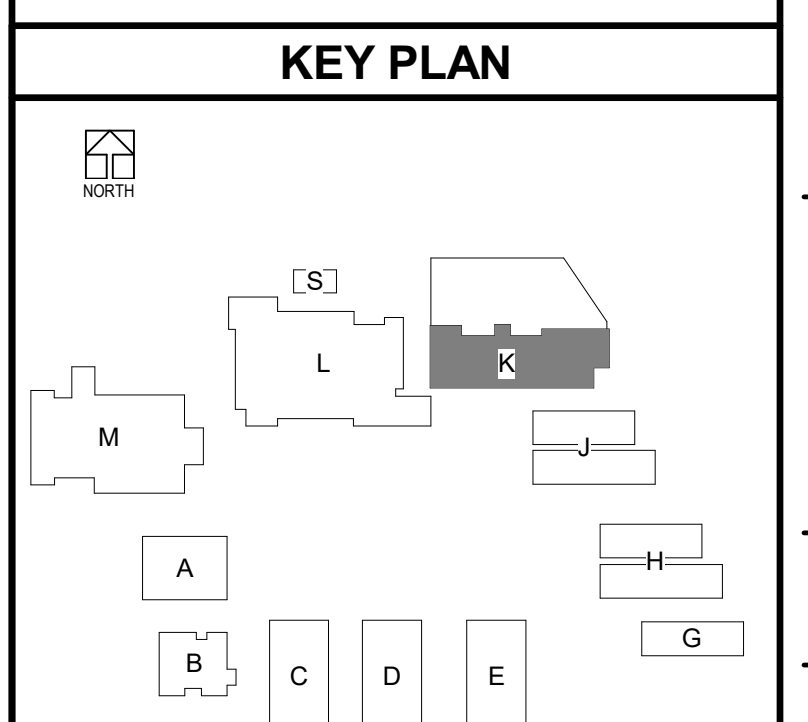
- ### INTERIOR ELEVATION LEGEND
- XX CASEWORK ELEVATION
 - XX INTERIOR ELEVATION
 - XX ALIGNMENT SYMBOL
 - XX KEYNOTE TAG
 - XX FINISH KEY TAG
 - XX DETAIL SECTION
 - XX SPECIALTY EQUIPMENT TAG
 - XX STOREFRONT TAG
 - XX WINDOW TAG
 - XX WALL TAG, SEE SHEET A8.1

- ### GENERAL NOTES FOR ACCESSIBILITY
- A. ACCESSIBLE URINAL SHALL PROVIDE CLEAR FLOOR SPACE PER CBC 2019 - 11B-605
 - B. ACCESSIBLE WATER CLOSETS SHALL PROVIDE CLEAR SPACE PER CBC 2019 - 11B-604
 - C. ACCESSIBLE LAVATORIES AND SINKS SHALL PROVIDE CLEAR SPACE PER CBC 2019 - 11B-406
 - D. ACCESSIBLE TOILET ROOMS SHALL PROVIDE A TURNING SPACE OF 60 INCHES IN DIAMETER PER CBC 2019 - 11B-304.3.1
 - E. ACCESSIBLE WATER FOUNTAINS SHALL PROVIDE CLEAR FLOOR SPACE PER CBC 2019 - 11B-211
 - F. ACCESSIBLE TOILET PARTITIONS SHALL COMPLY WITH CBC 2019 - 11B-404
 - G. EXPOSED PIPES AND SURFACES UNDER LAVATORIES AND SINKS SHALL BE INSULATED PER CBC 2019 - 11B-606.5
 - H. SEE SHEET CP2.1 FOR ADDITIONAL ACCESSIBILITY NOTES AND DETAILS

TOILET ACCESSORIES ABBREVIATIONS

ABBREVIATION	DESCRIPTION
GB-1	GRAB BAR (BACK WALL)
GB-2	GRAB BAR (SIDE WALL)
GB-4	GRAB BAR (AMBULATORY STALL)
MR	MIRROR (6 X 30 I.L.O.)
SCD	SEAT COVER DISPENSER
SD	LIQUID SOAP DISPENSER
SND	SANITARY NAPKIN DISPOSAL
TTD	SURFACE MOUNTED TOILET PAPER DISPENSER
PTD-T	PAPER TOWEL DISPENSER - TOUCHLESS
SNV	SANITARY NAPKIN VENDOR

SEE SHEET CP2.1 FOR MOUNTING HEIGHT INFO

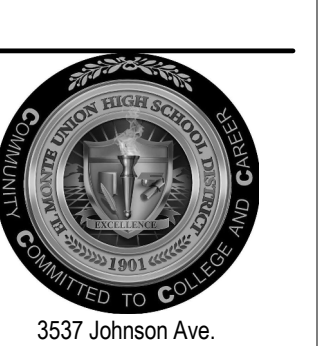


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ENLARGED PLANS & INTERIOR ELEVATIONS - BLDG K
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2

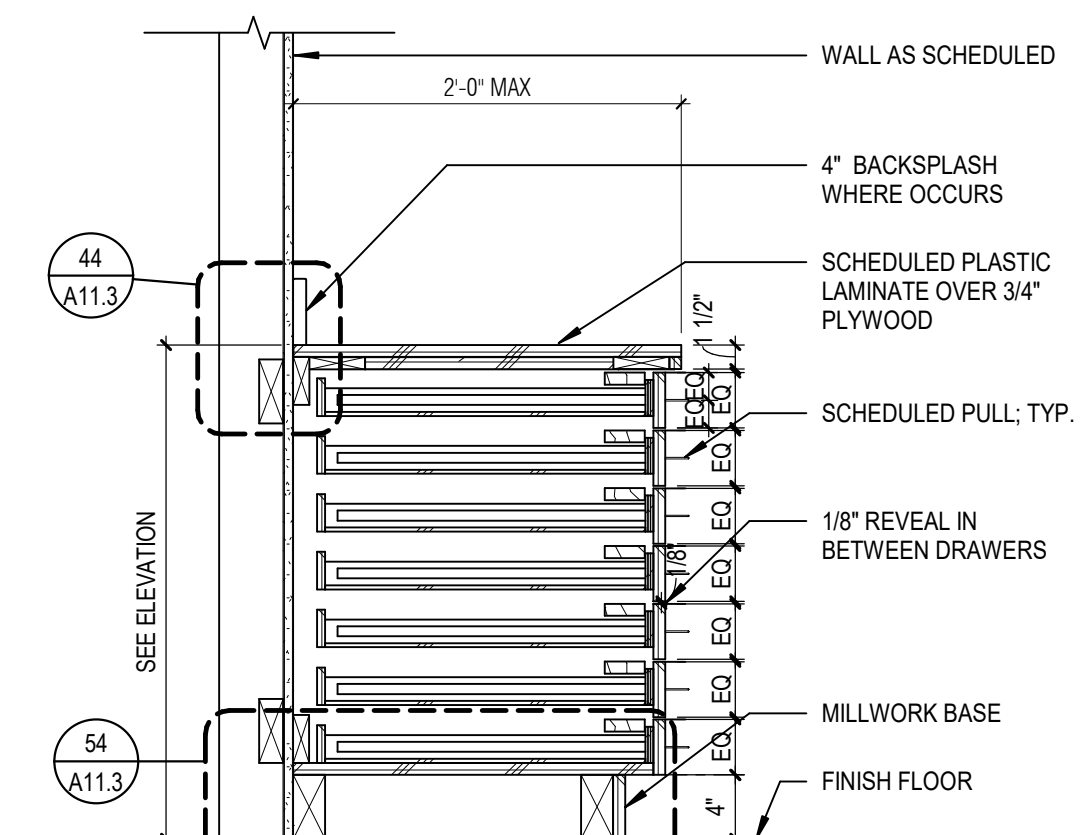


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DSA APPL #03-122081
DSA FILE #19-H10

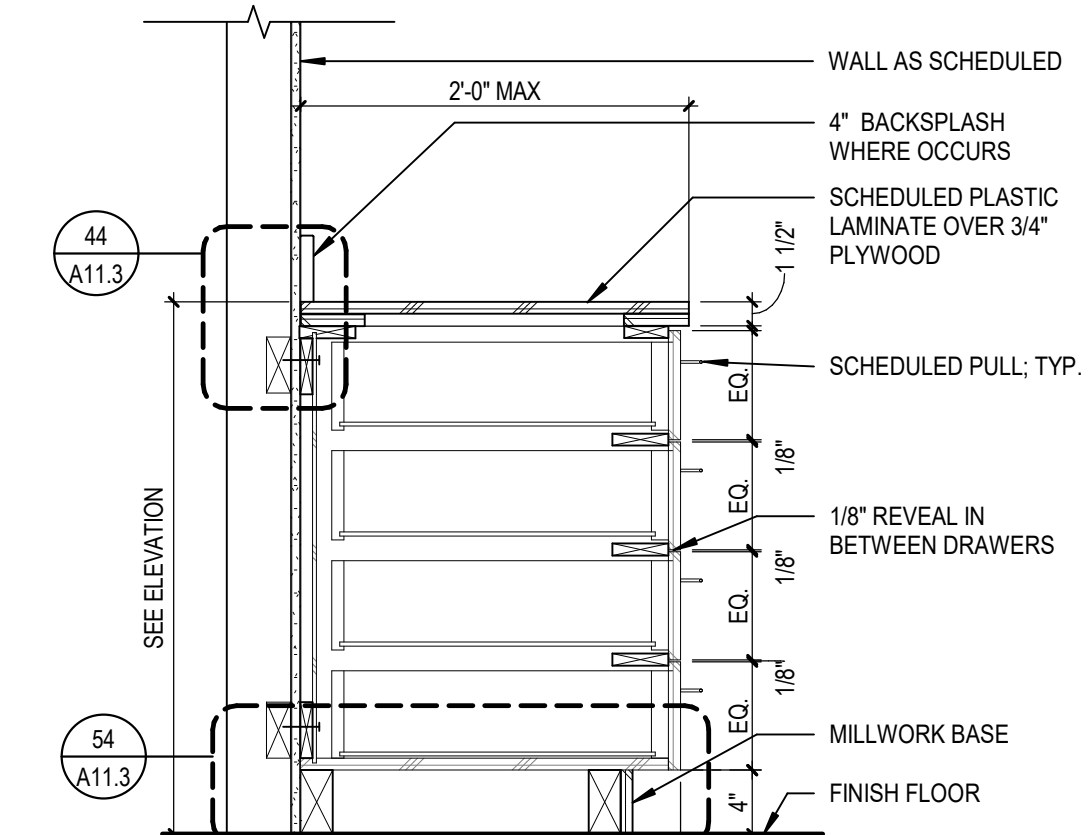
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ADDEND 11/18/22
UNIT 2

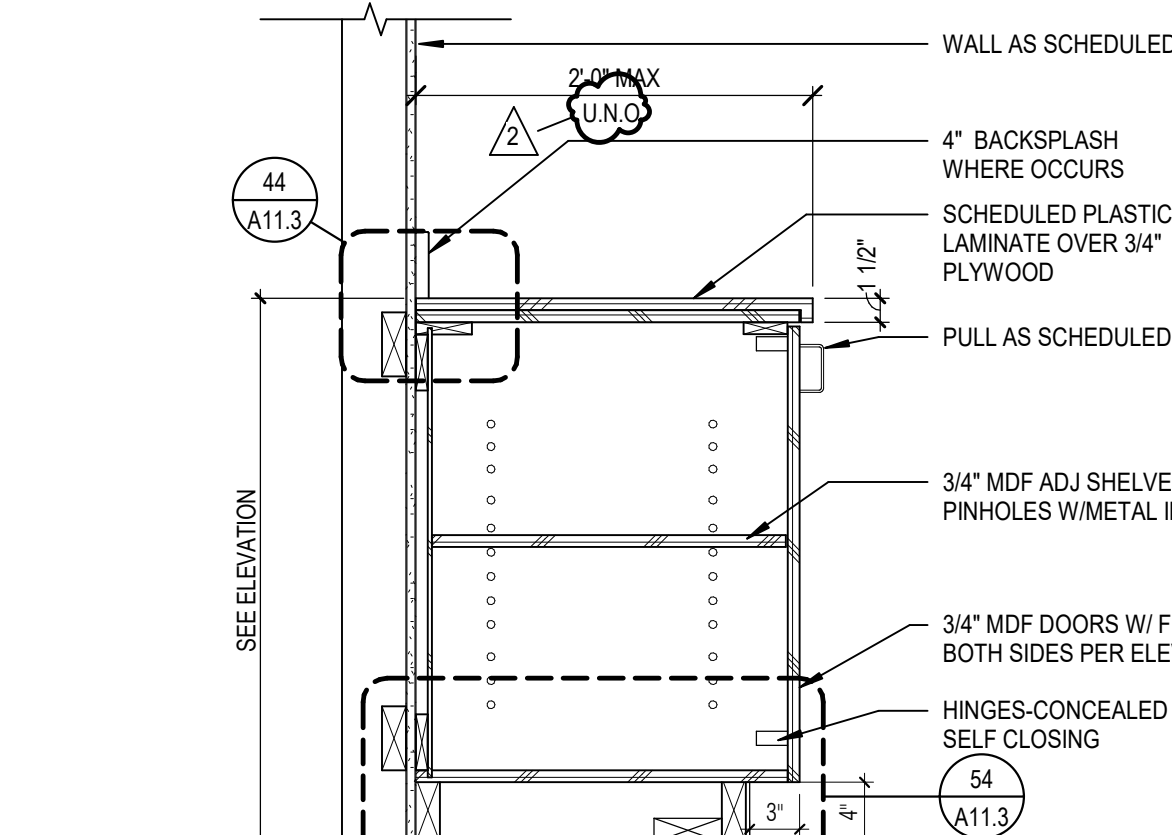
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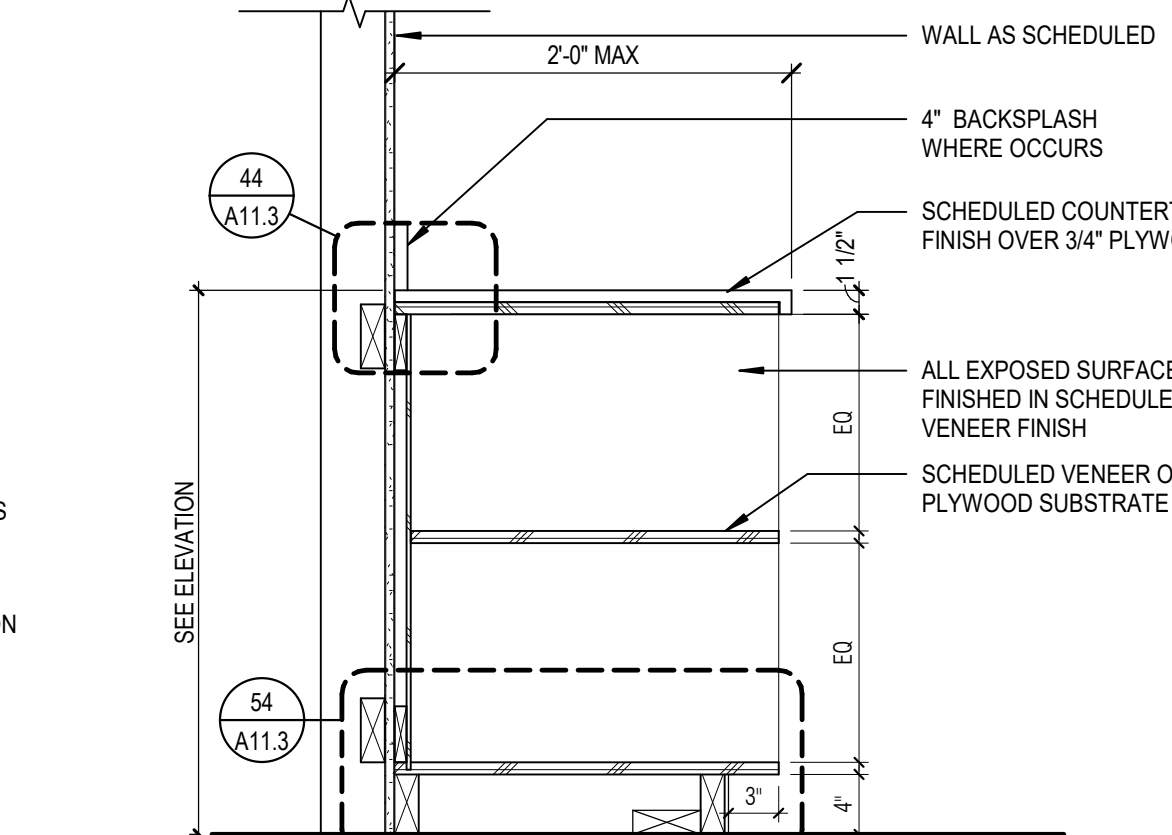
11 FLAT FILE 7 DRAWER STACK
A11.1 SCALE: 1" = 1'-0"



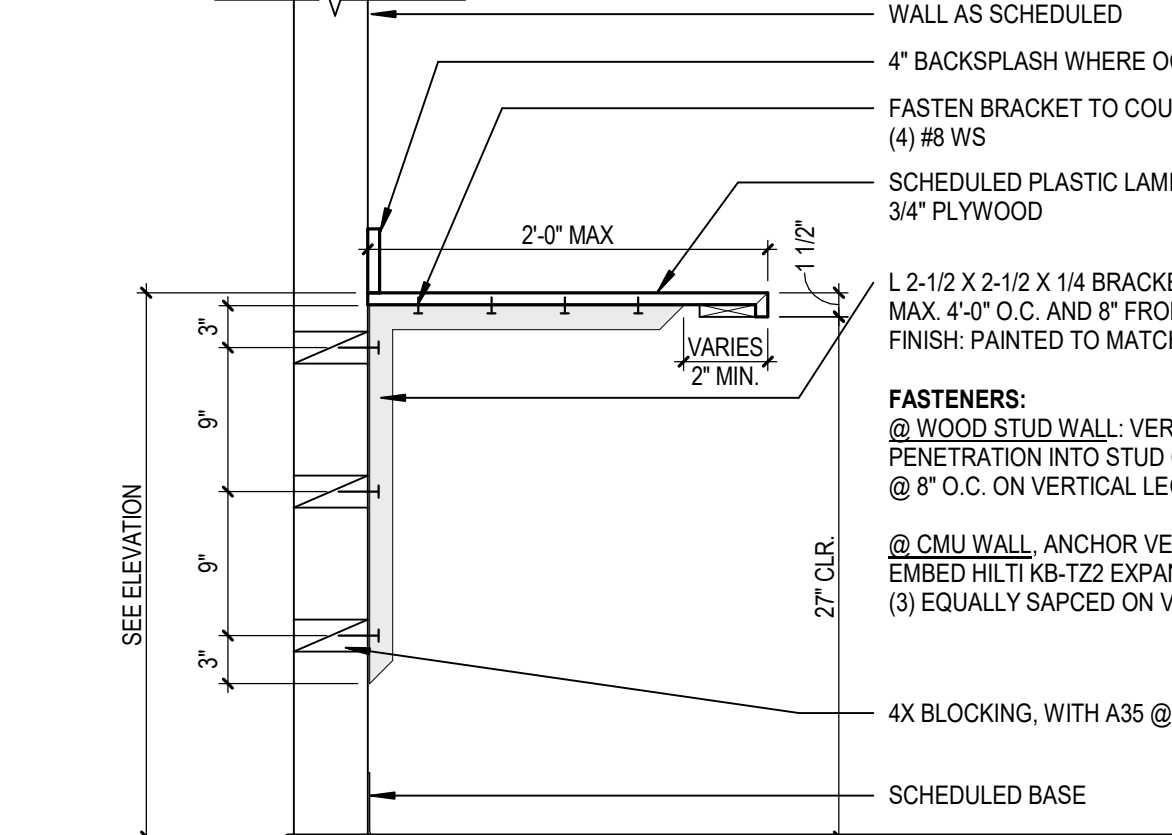
12 4 DRAWER STACK
A11.1 SCALE: 1" = 1'-0"



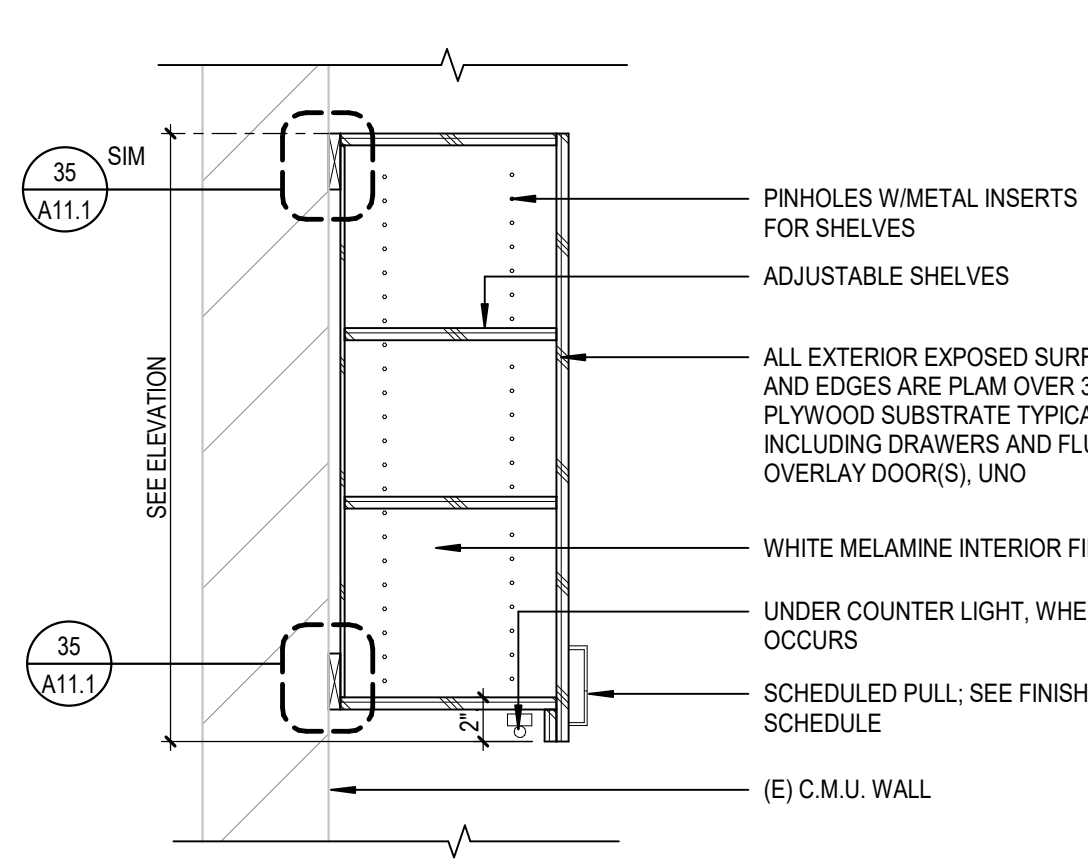
13 LOWER CABINET W/DOOR
A11.1 SCALE: 1" = 1'-0"



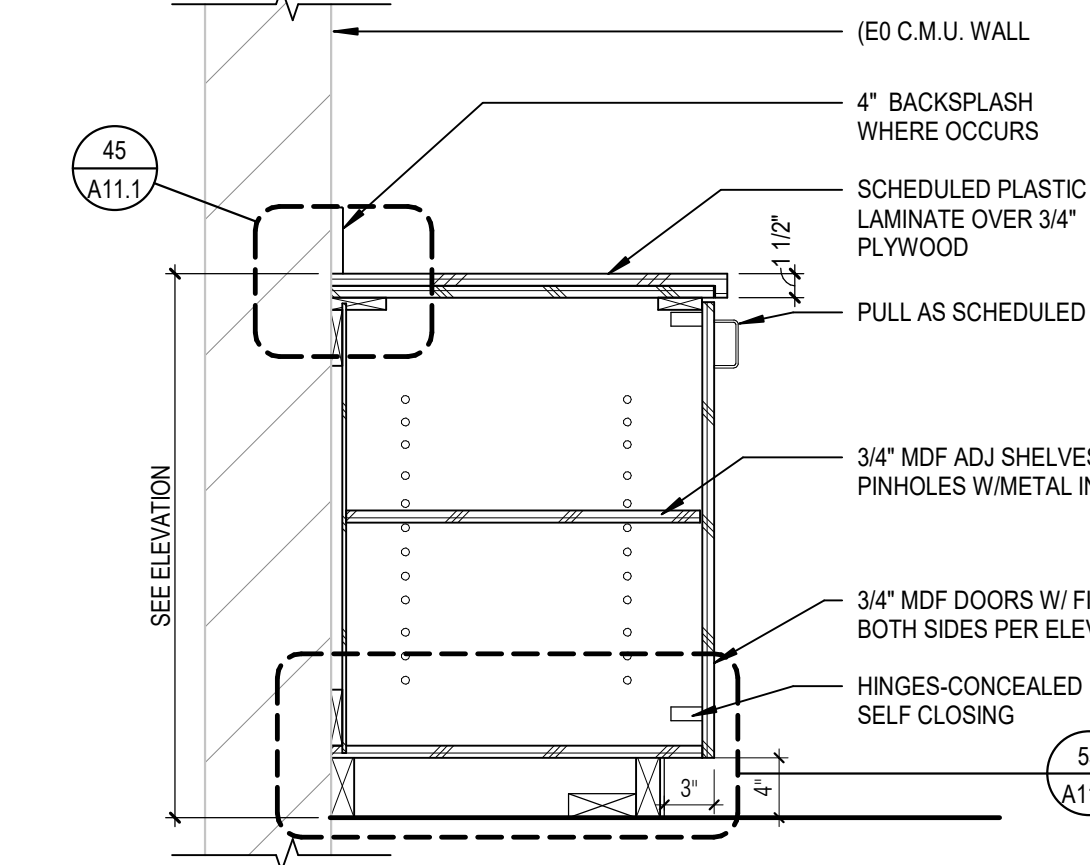
14 LOWER CABINET W/ OPEN CUBBIES
A11.1 SCALE: 1" = 1'-0"



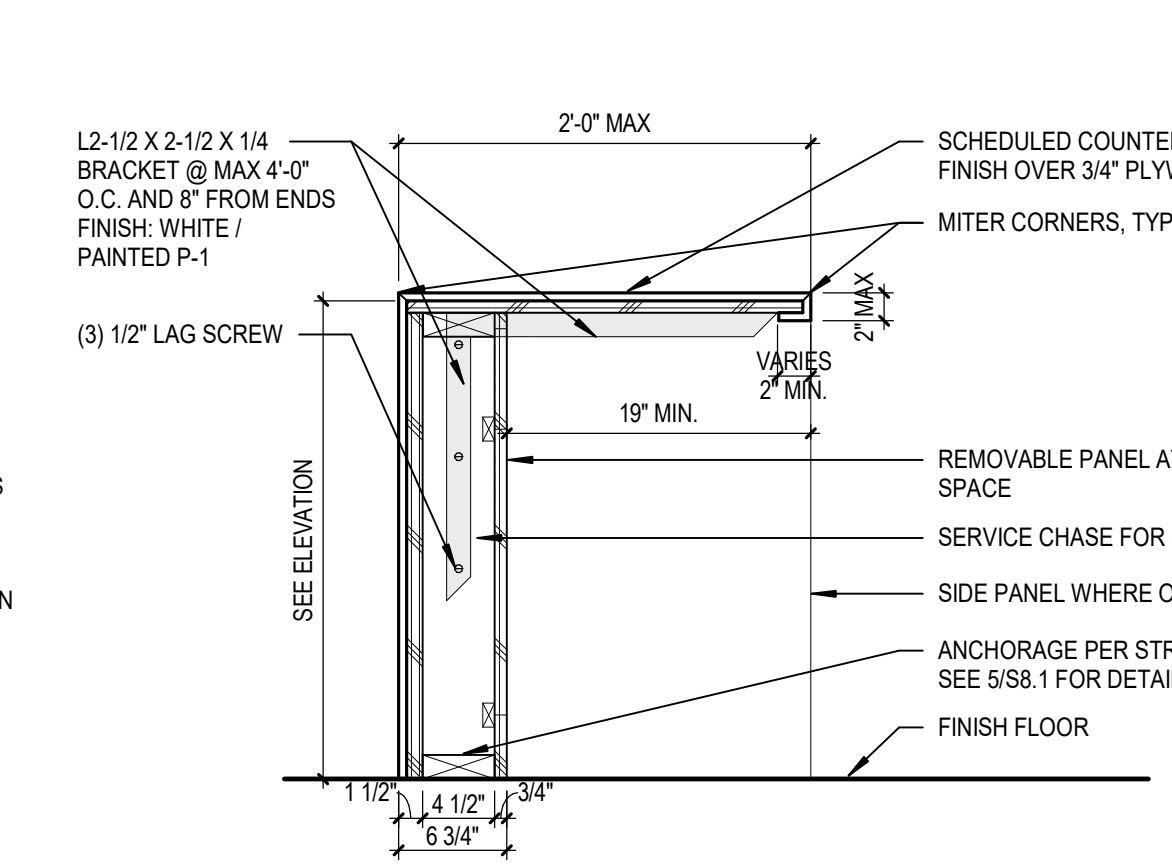
15 TYPICAL OPEN COUNTER
A11.1 SCALE: 1" = 1'-0"



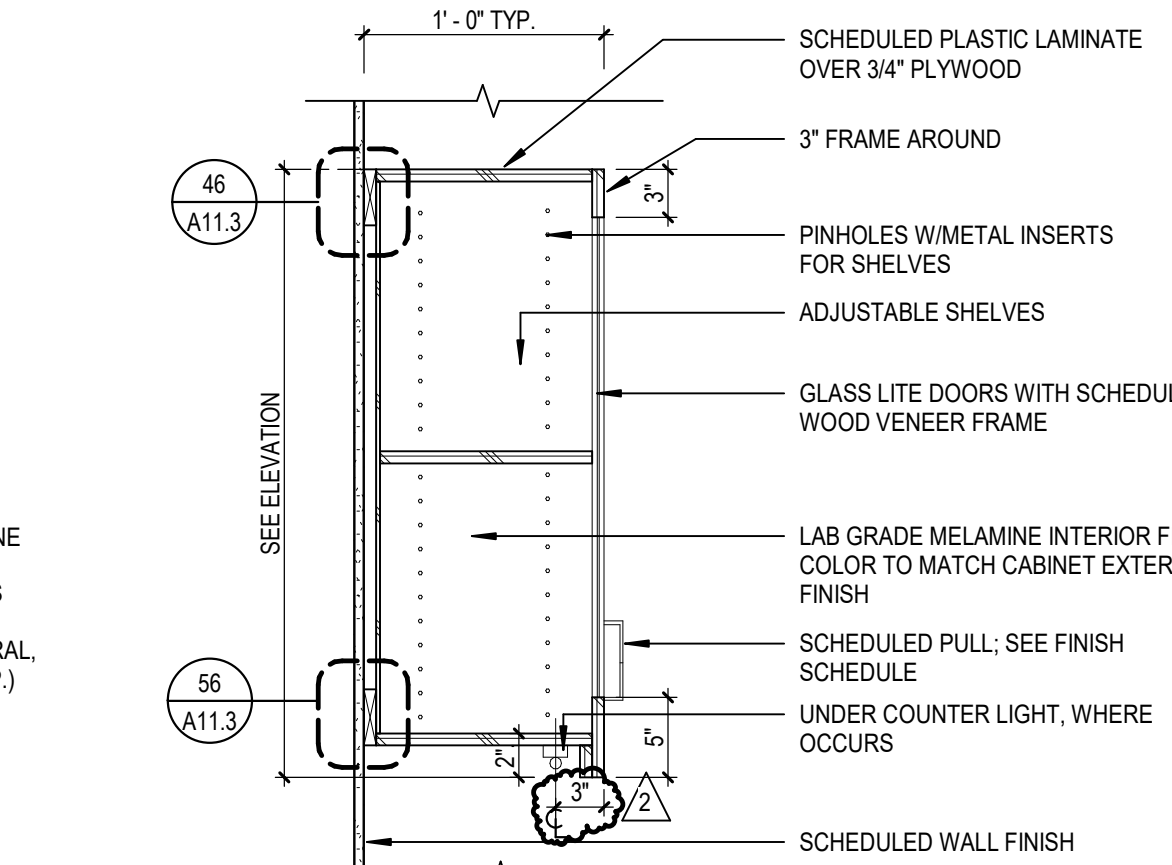
21 UPPER CABINET AT C.M.U. WALL
A11.1 SCALE: 1" = 1'-0"



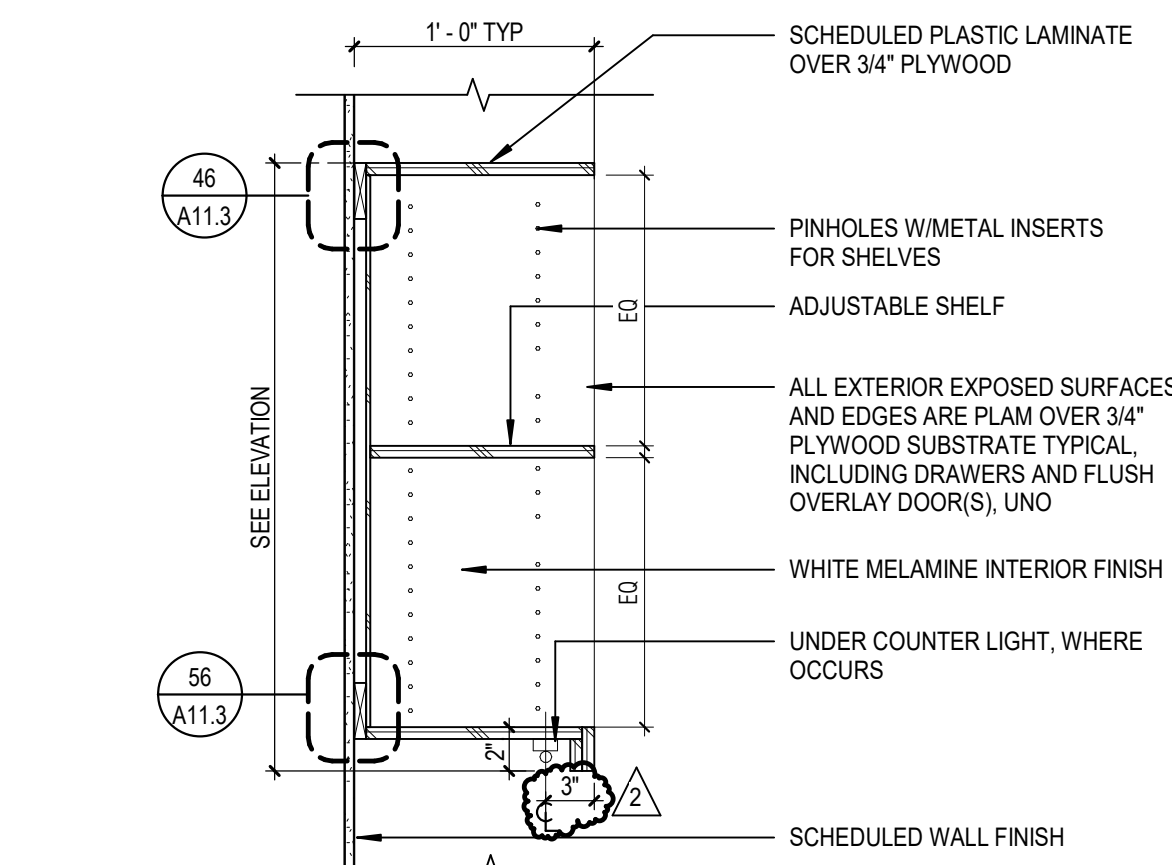
22 BASE CABINET W/DOOR AT C.M.U. WALL
A11.1 SCALE: 1" = 1'-0"



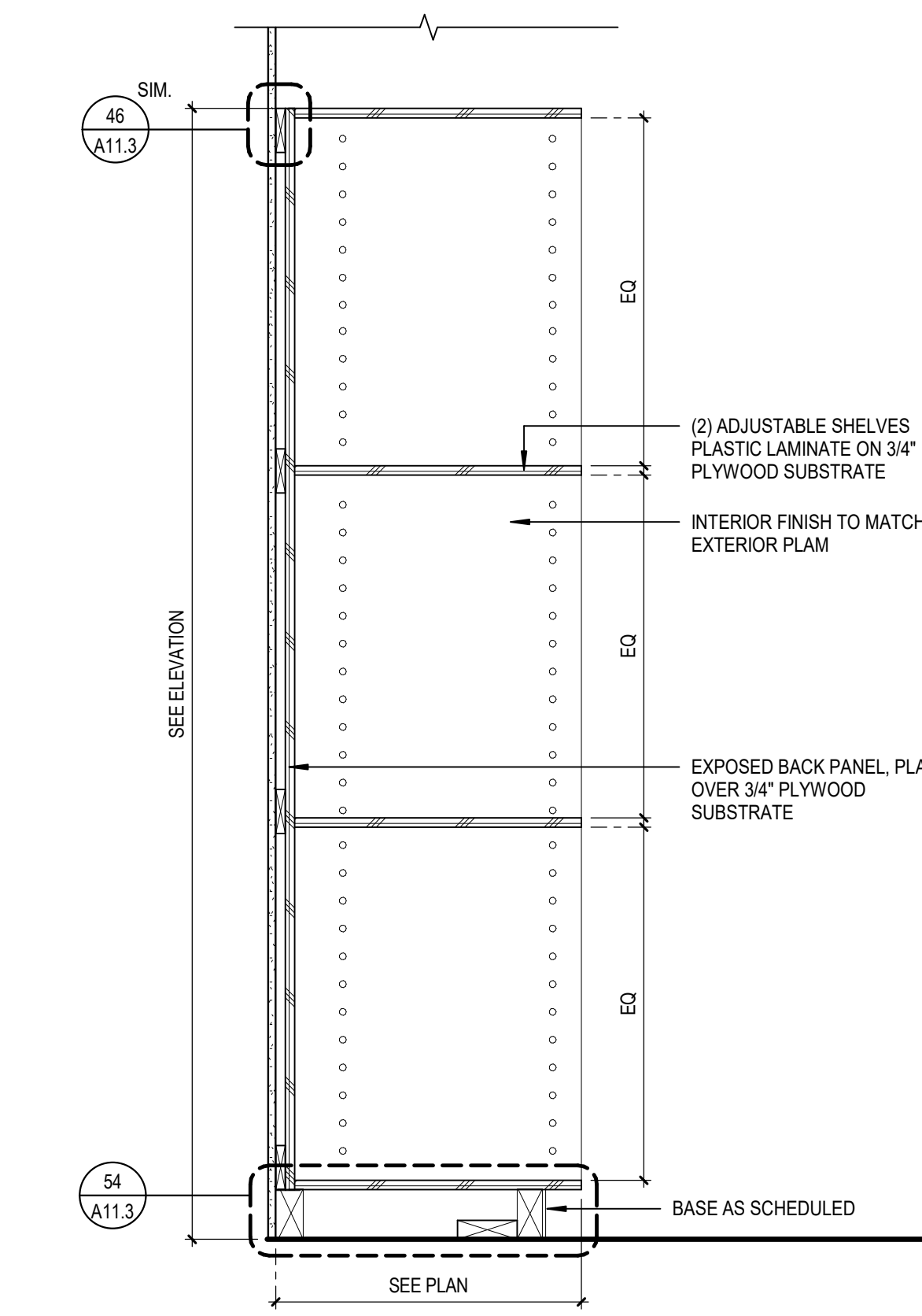
23 TYPICAL LAB DEMO BENCHING ISLAND - OPEN
A11.1 SCALE: 1" = 1'-0"



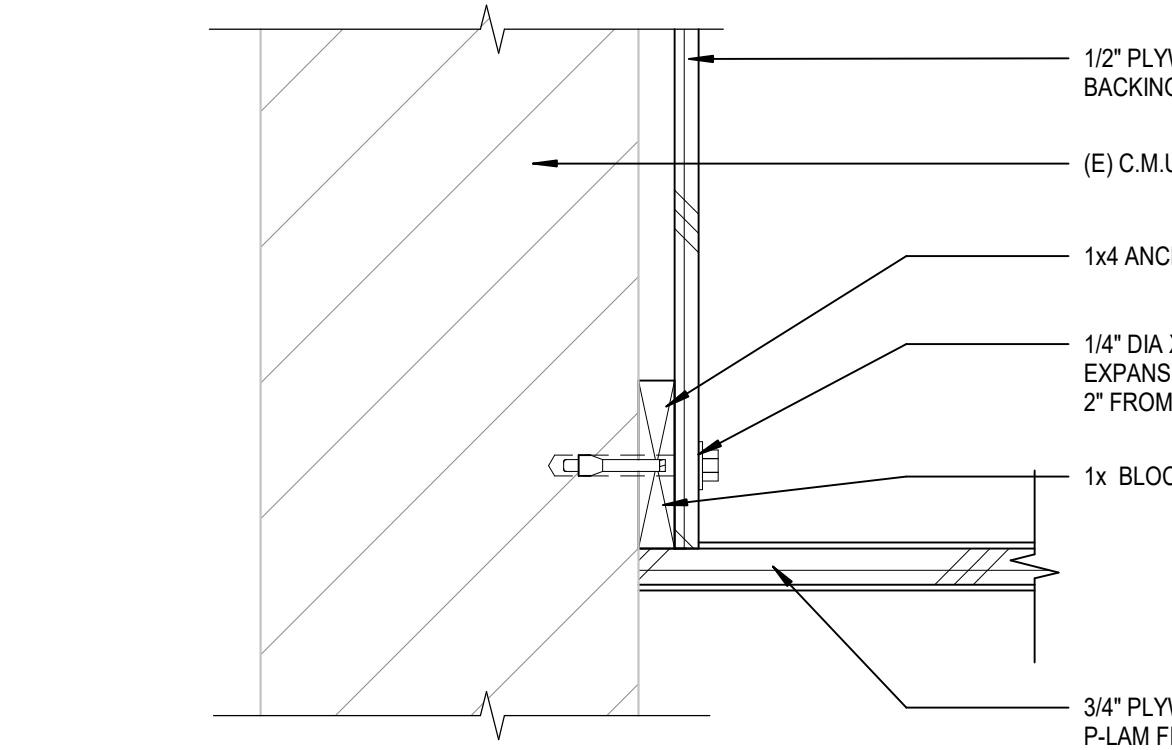
24 UPPER CABINET W/ GLASS LITE DOORS
A11.1 SCALE: 1" = 1'-0"



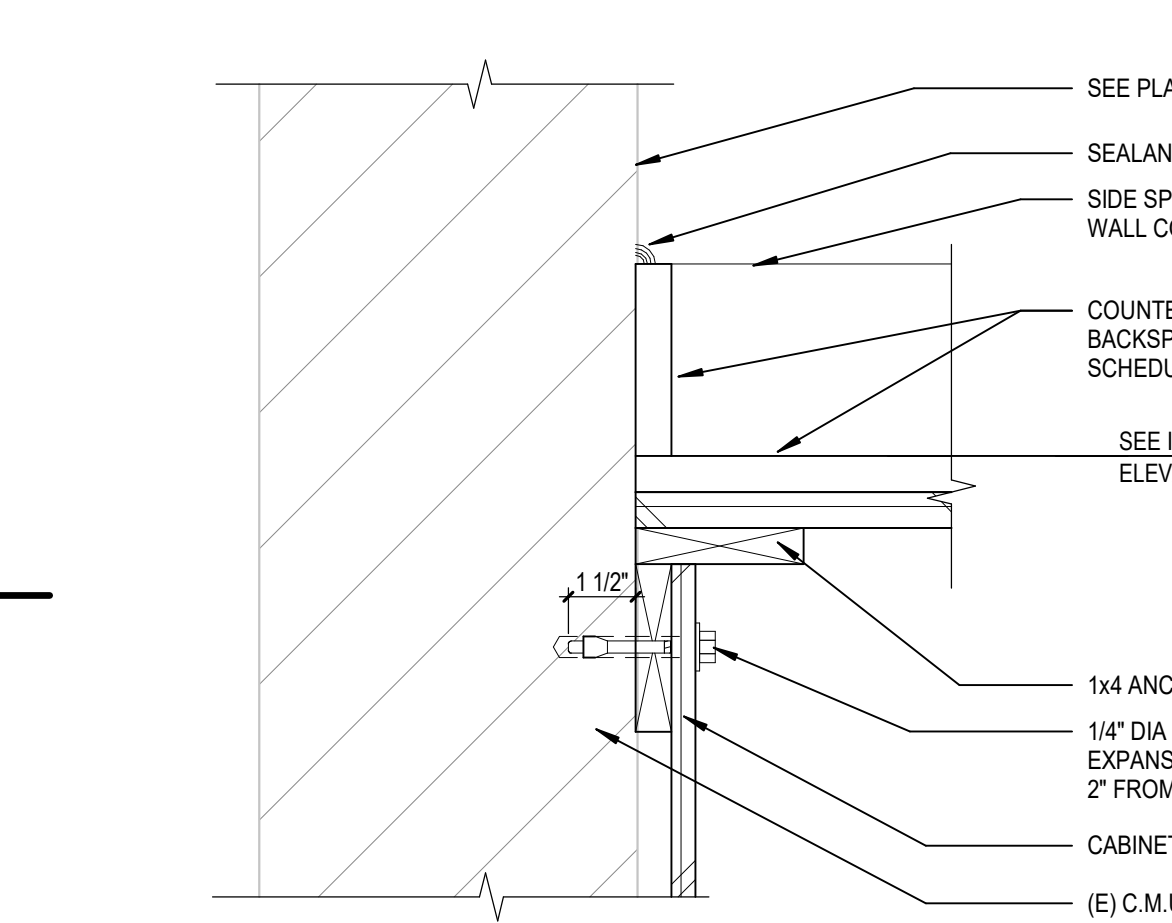
25 UPPER CABINET - OPEN CUBBIES
A11.1 SCALE: 1" = 1'-0"



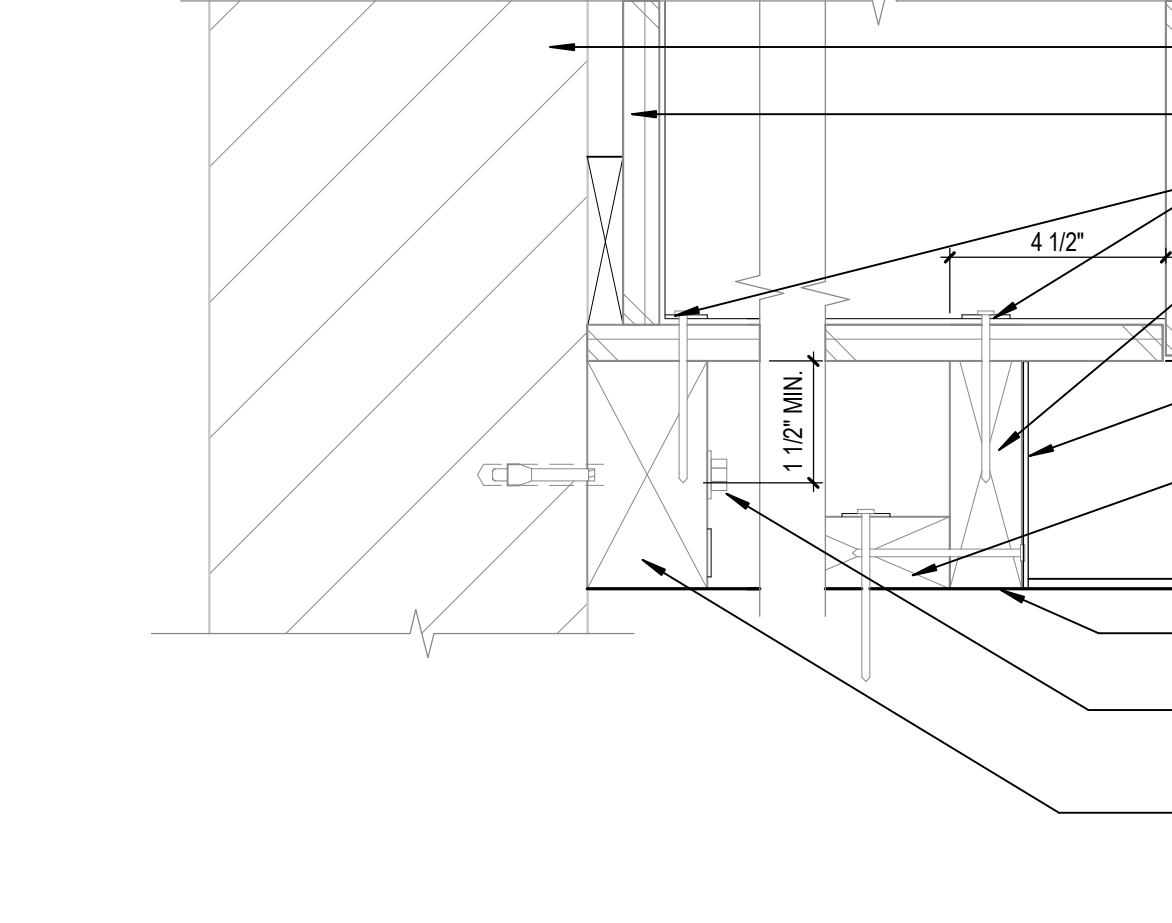
44 TALL CABINET - OPEN WITH 2 ADJUSTABLE SHELVES
A11.1 SCALE: 1" = 1'-0"



35 UPPER CABINET ANCHORAGE TO C.M.U. WALL AT BOTTOM, TOP SIM.
A11.1 SCALE: 3" = 1'-0"



45 BASE CABINET ANCHORAGE TO C.M.U. WALL AT TOP
A11.1 SCALE: 3" = 1'-0"

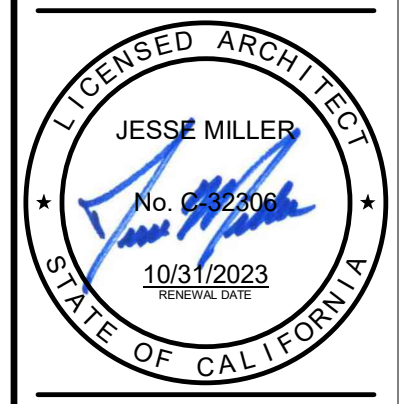


55 BASE CABINET ANCHORAGE TO C.M.U. WALL AT BASE
A11.1 SCALE: 3" = 1'-0"

MILLWORK GENERAL NOTES

- A. CASEWORK AND MILLWORK GENERAL NOTES APPLY TO ALL CASEWORK/MILLWORK SHEETS.
- B. ELEVATIONS DENOTED AS MILLWORK ARE SPECIFIED UNDER DIVISION 06. ALL OTHERS SHALL BE SPECIFIED UNDER DIVISION 12, UNLESS NOTED OTHERWISE.
- C. ALL BASE CABINETS TO BE 2'-0" DEEP UNITS, UNLESS NOTED OTHERWISE.
- D. ALL UPPER WALL CABINETS TO BE 1'-2" DEEP UNITS, UNLESS NOTED OTHERWISE.
- E. ALL TALL STORAGE CABINETS TO BE 2'-0" DEEP UNITS, UNLESS NOTED OTHERWISE.
- F. ALL SHELVING IN CASEWORK TO BE ADJUSTABLE SHELVING, UNLESS NOTED OTHERWISE.
- G. WHERE PLUMBING OR ELECTRICAL DEVICES ARE LOCATED IN CASEWORK, CASEWORK CONTRACTOR SHALL PROVIDE OPENINGS, COORDINATE LOCATION AND QUANTITY WITH THE PLUMBING OR ELECTRICAL CONTRACTOR.
- H. PROVIDE SEALANT AT ALL PERIMETER JOINTS WHERE COUNTERTOPS, BACK AND SIDE SPLASHES, CASEWORK AND MILLWORK ABUT WALLS.
- I. FIELD VERIFY ALL DIMENSIONS OF CABINET LOCATIONS IN THE BUILDING PRIOR TO FABRICATION.
- J. PROVIDE LOCKS AT ALL DOORS AND DRAWERS.
- K. PROVIDE FINISHED ENDS AT ALL EXPOSED ENDS OF CASEWORK AND MILLWORK.
- L. ALL EXPOSED SURFACES IN OPEN SHELVING SHALL BE PLASTIC LAMINATE COVERED.
- M. SEE STRUCTURAL NAILING SCHEDULE S0.02 FOR ALL NAILING NOTES.
- N. PROVIDE GROMMET AT ALL COUNTERTOPS WHERE POWER IS LOCATED BELOW COUNTER.

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CASEWORK DETAILS
South El Monte HS Modernization
El Monte Union High School District
10071 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2



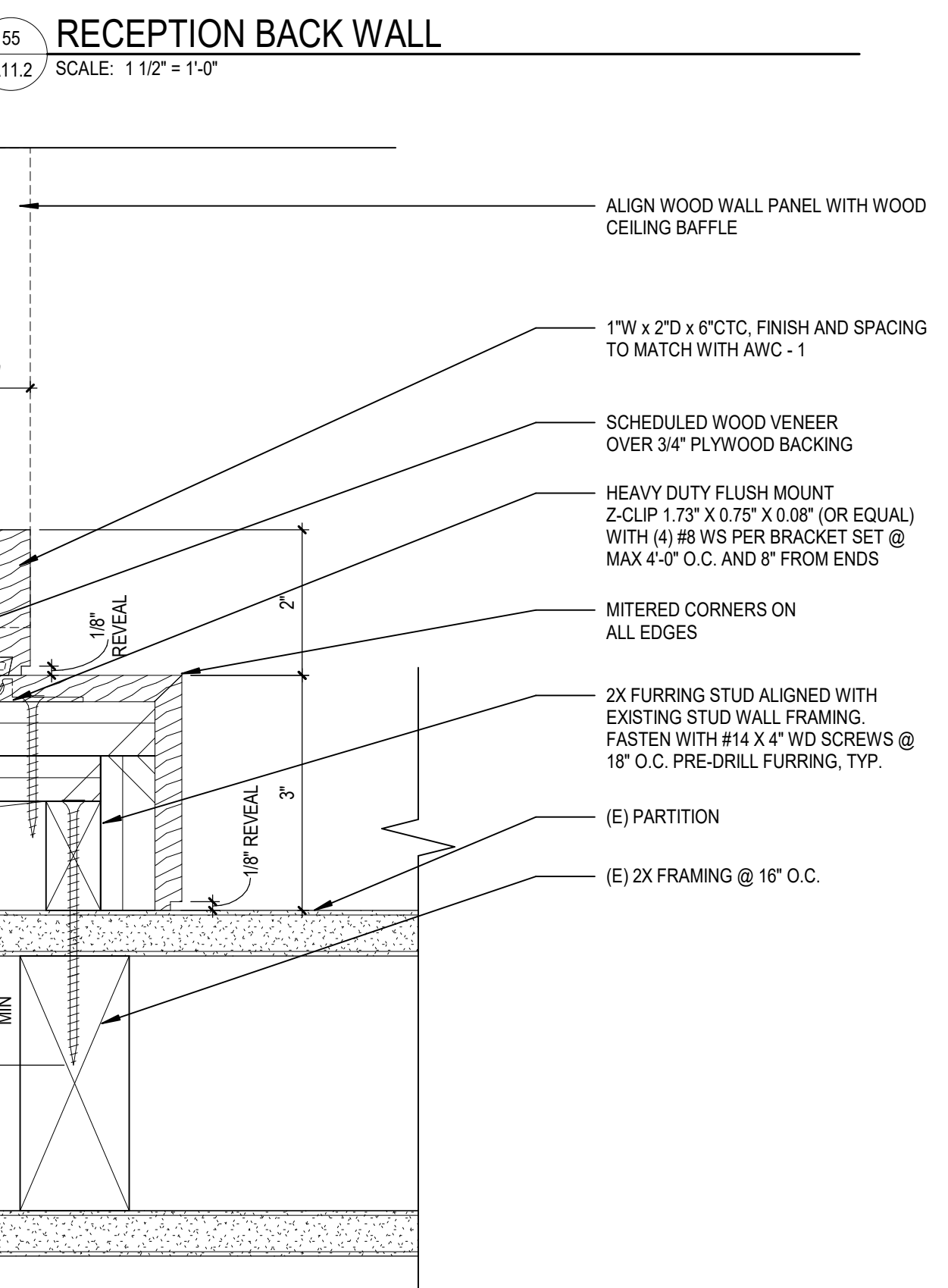
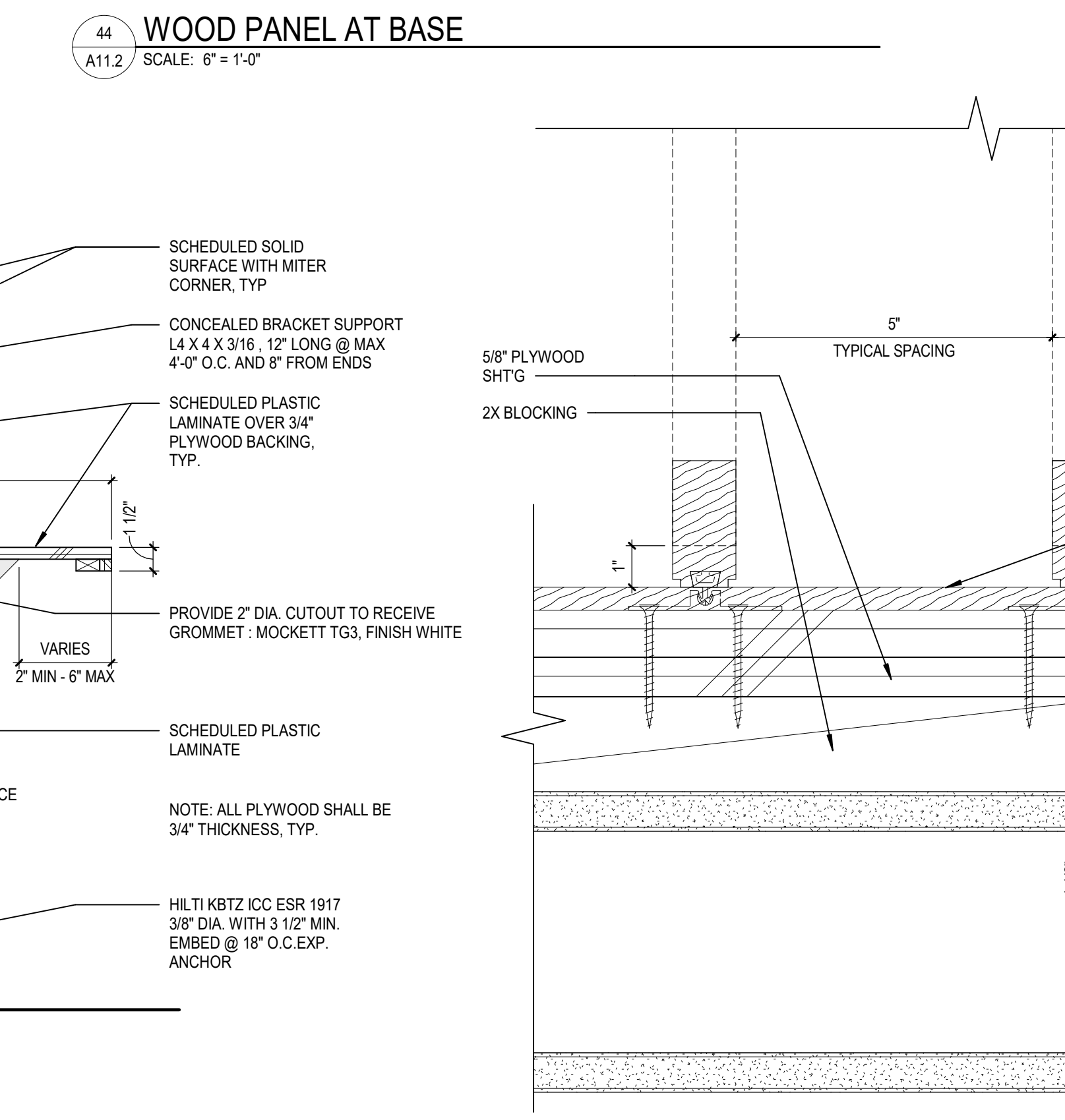
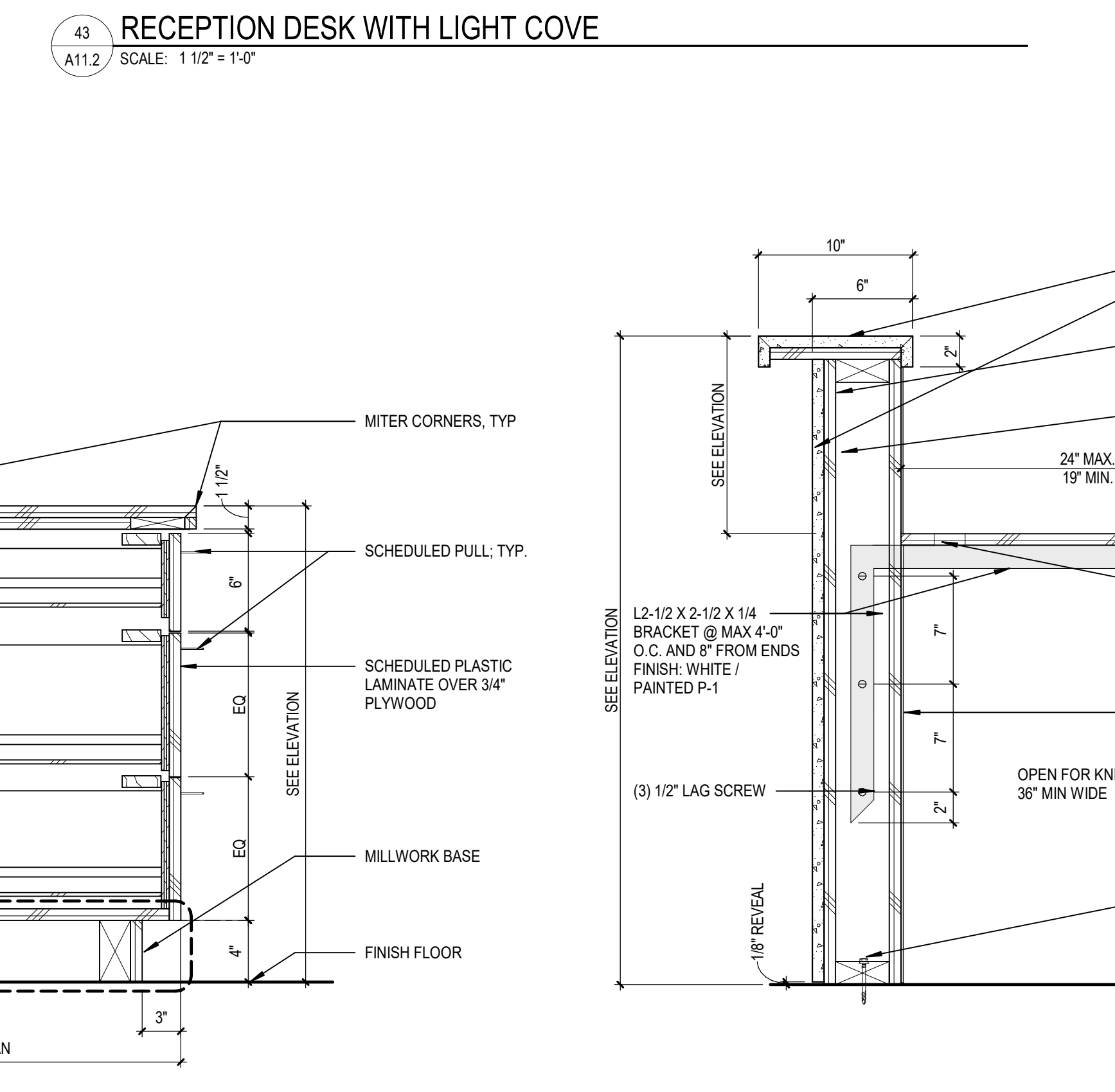
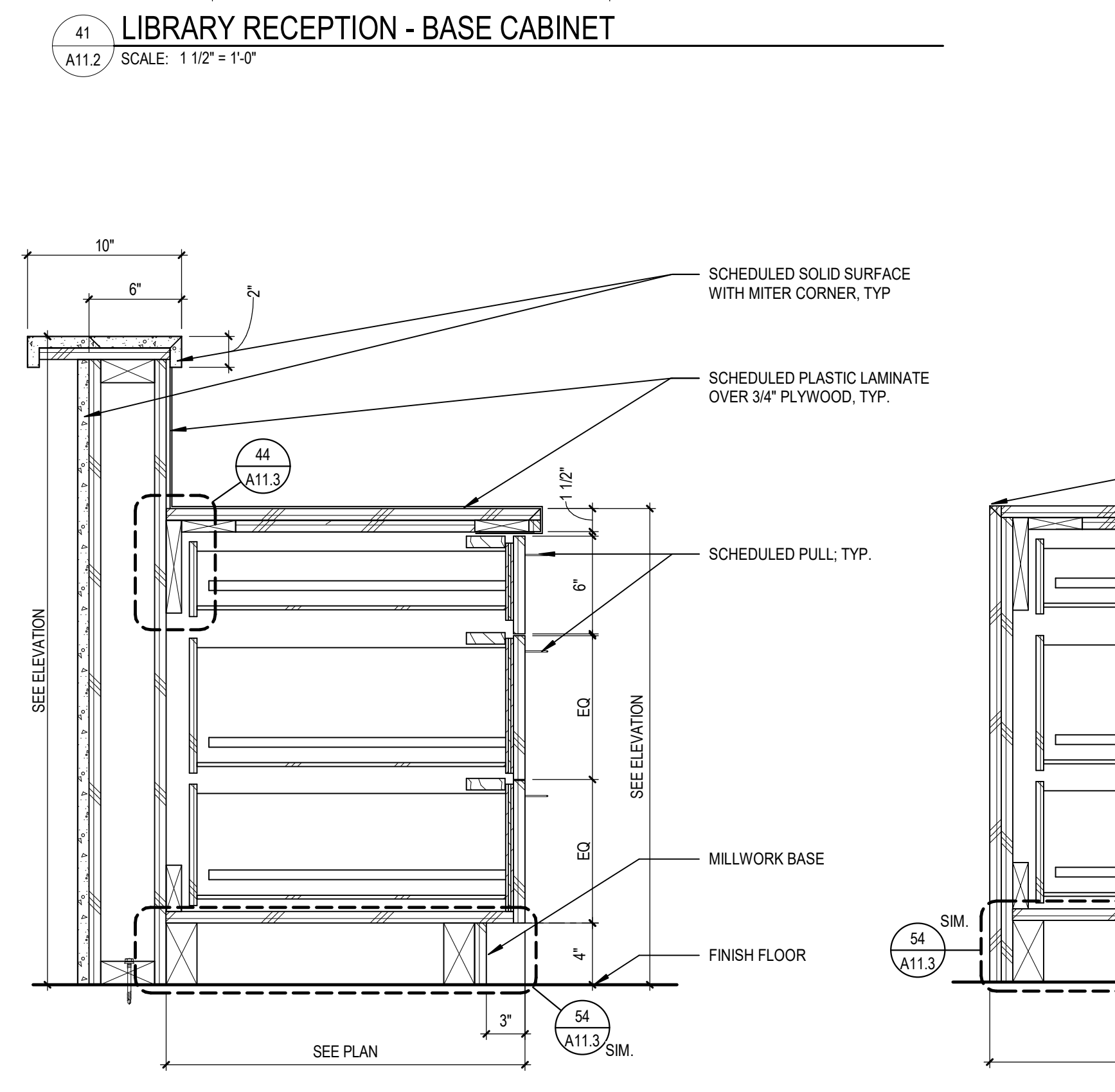
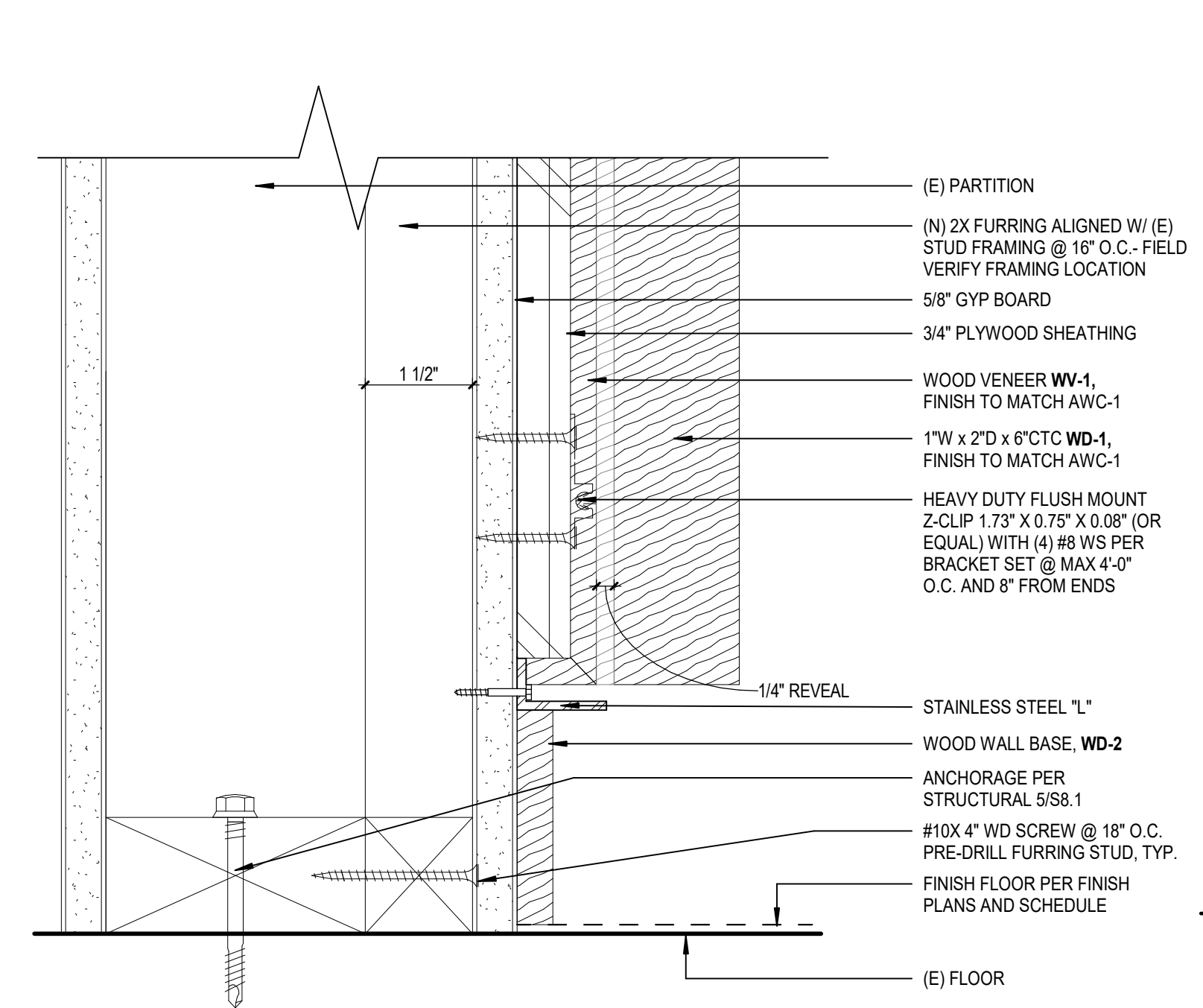
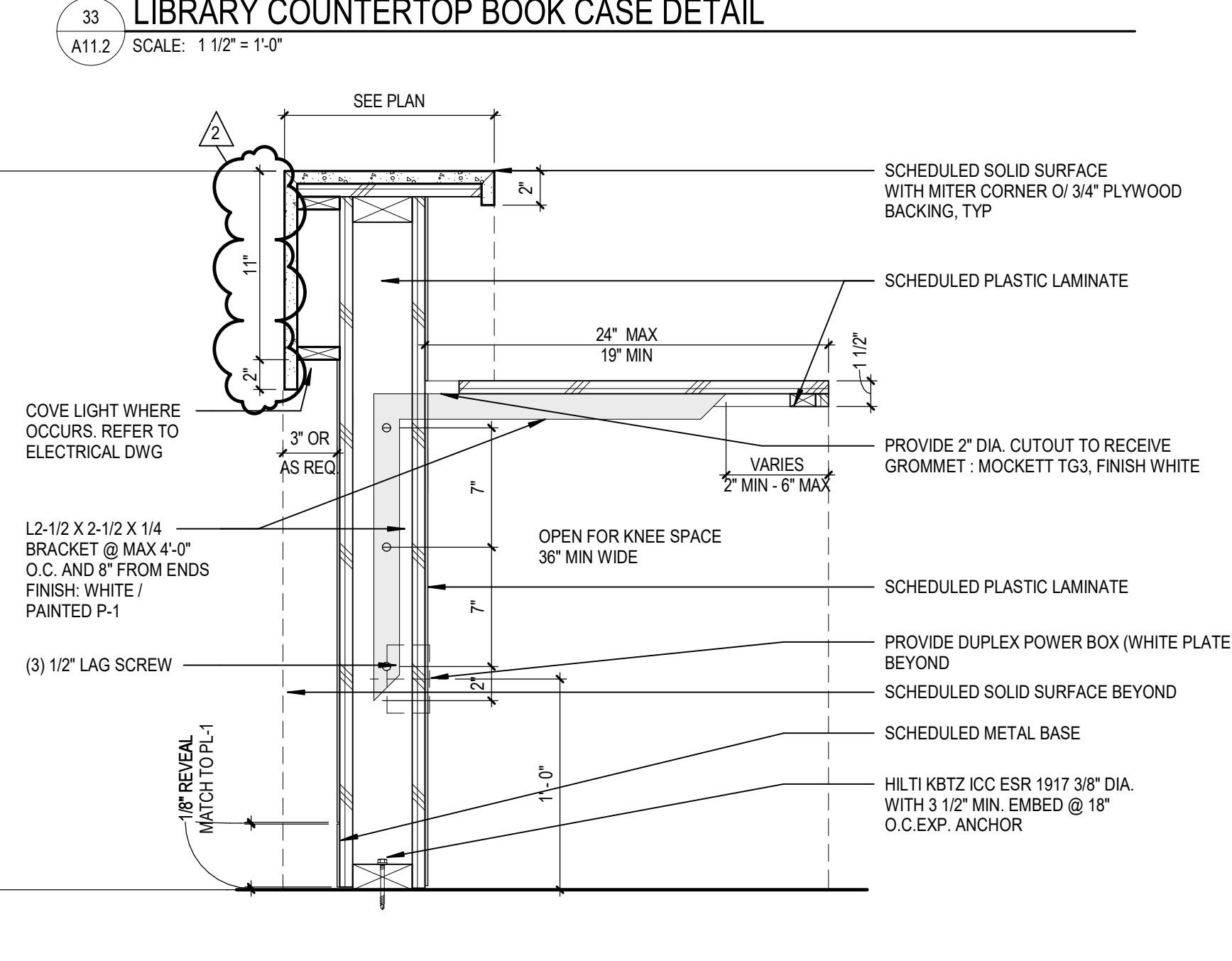
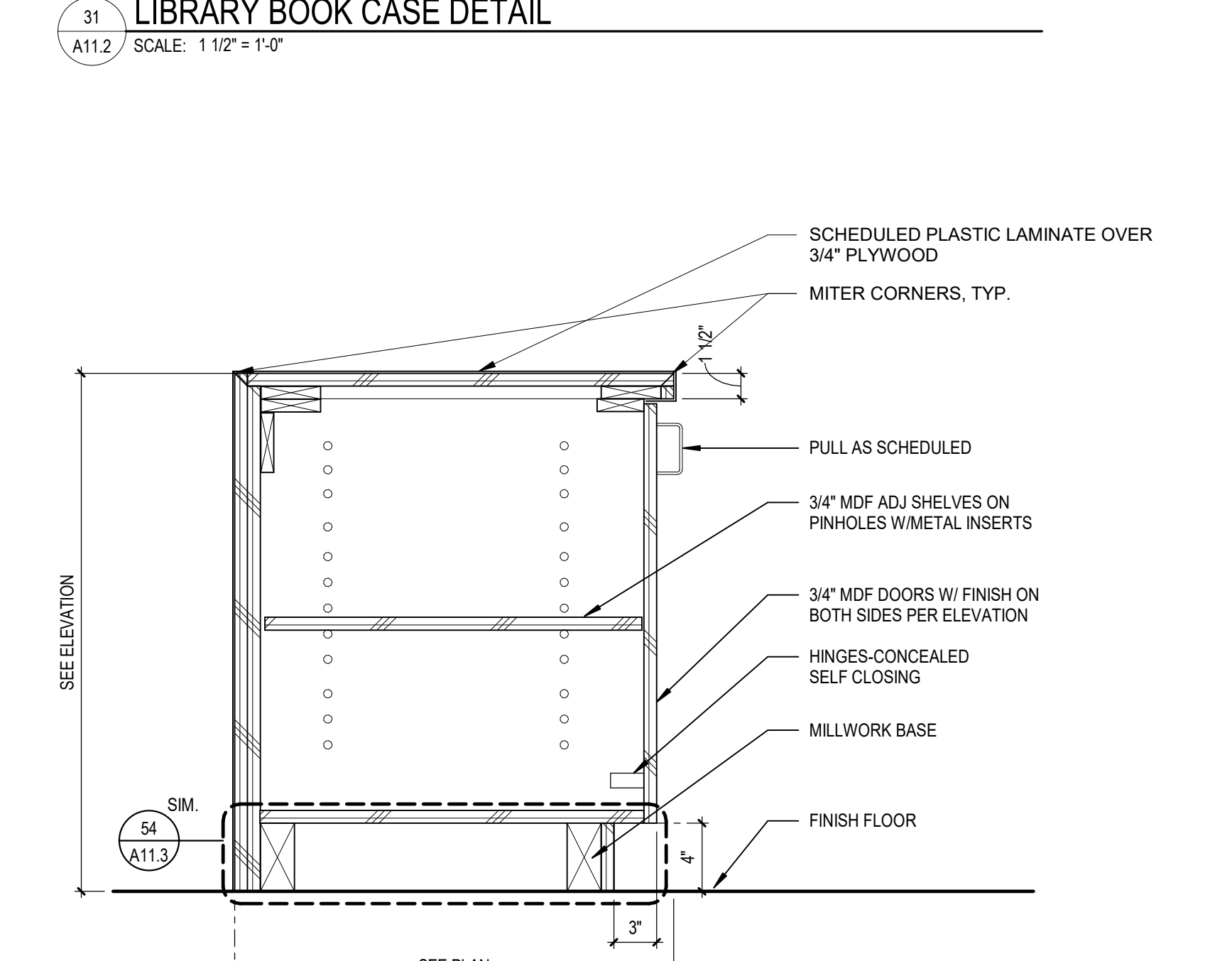
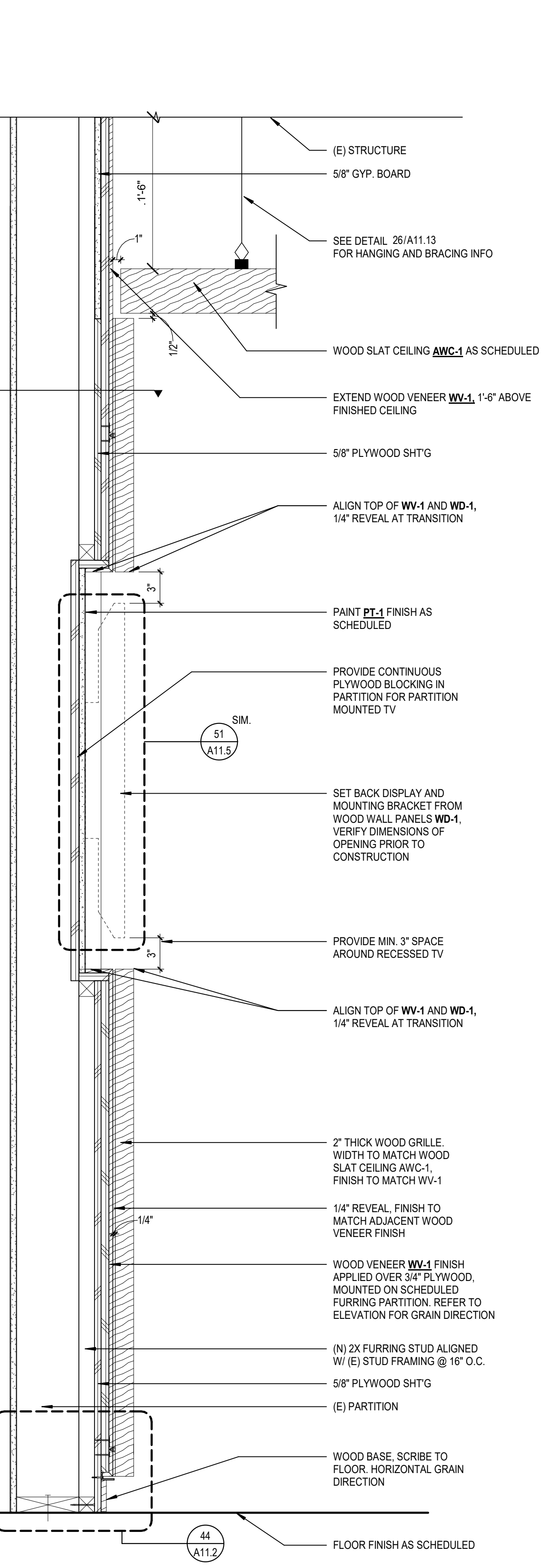
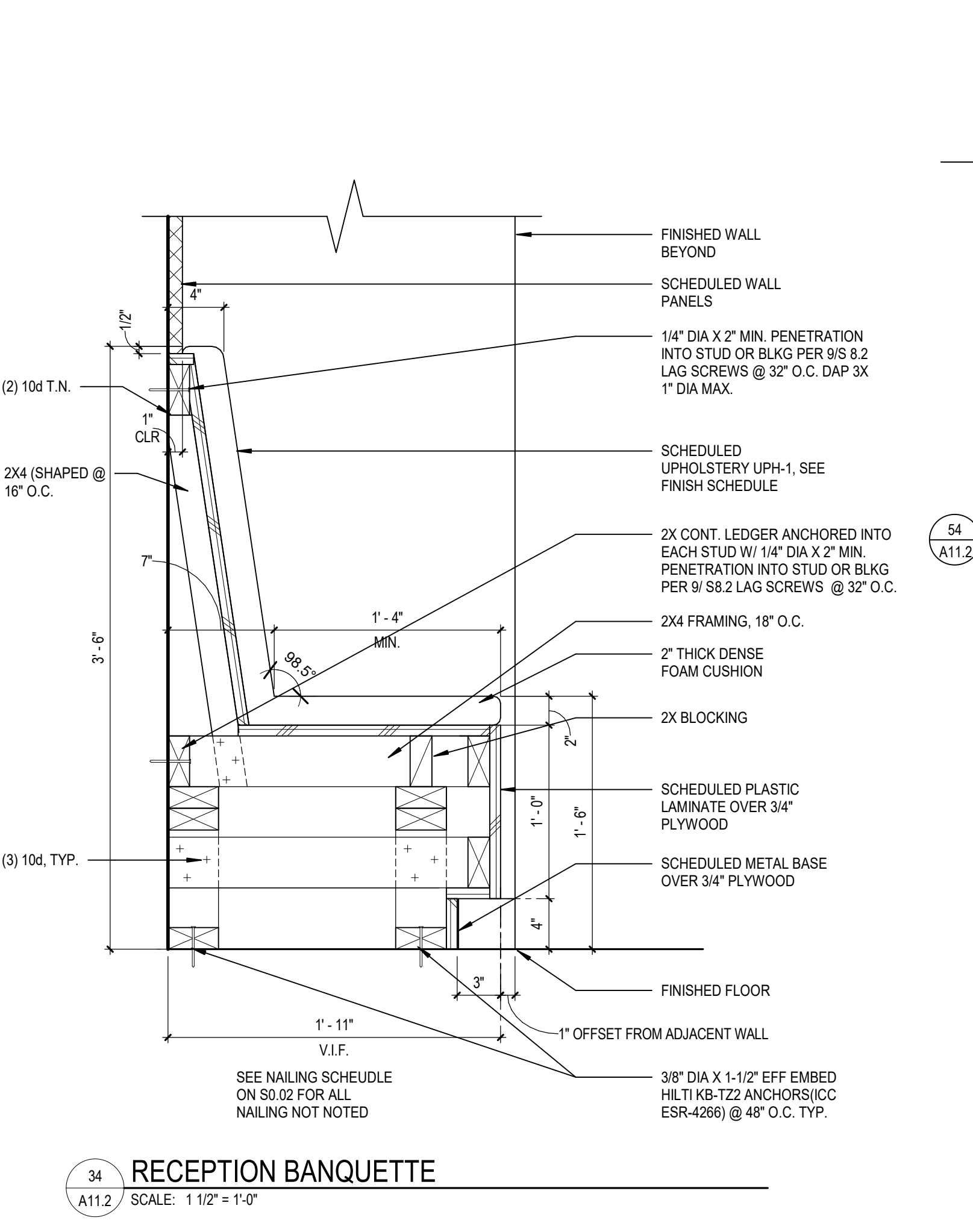
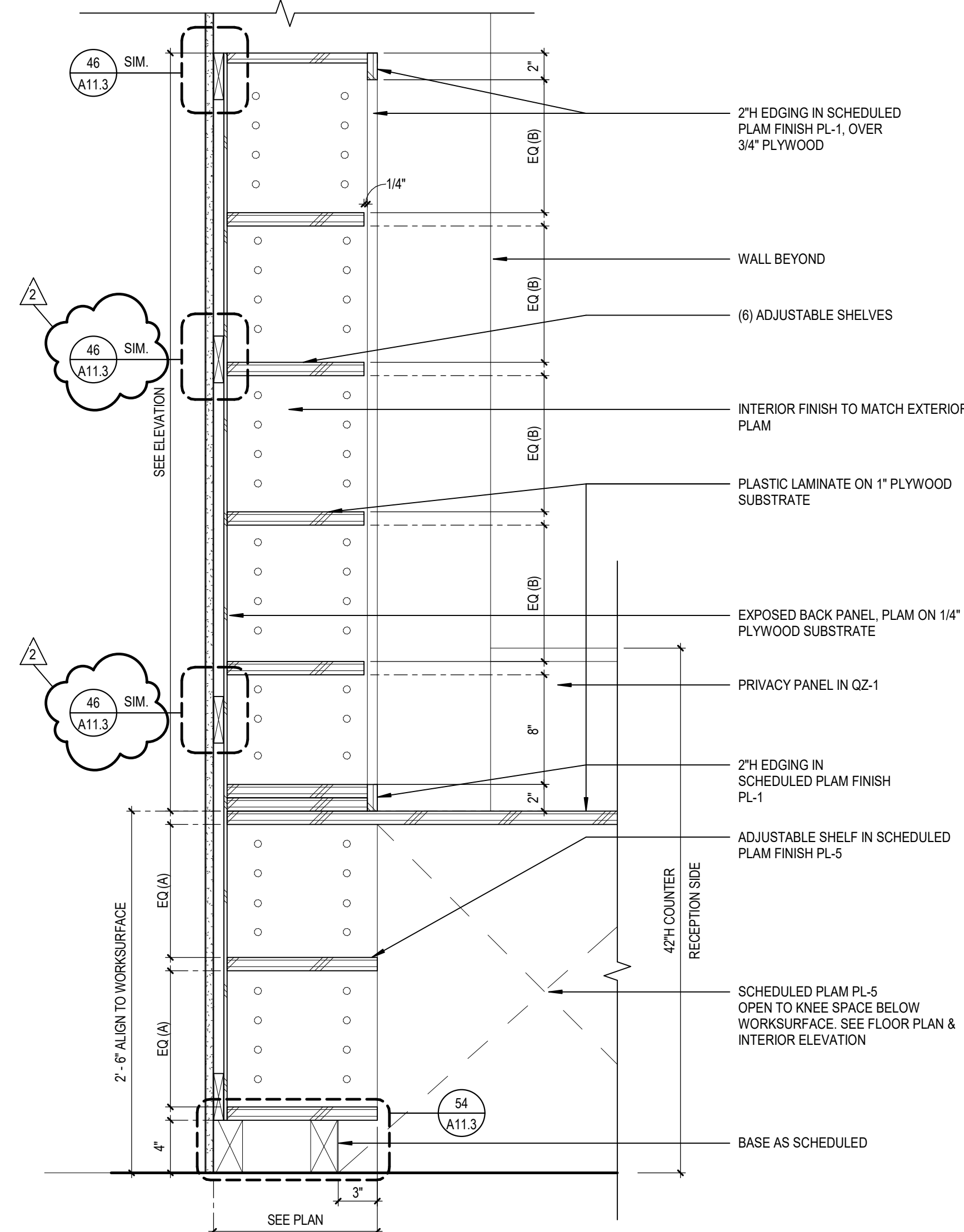
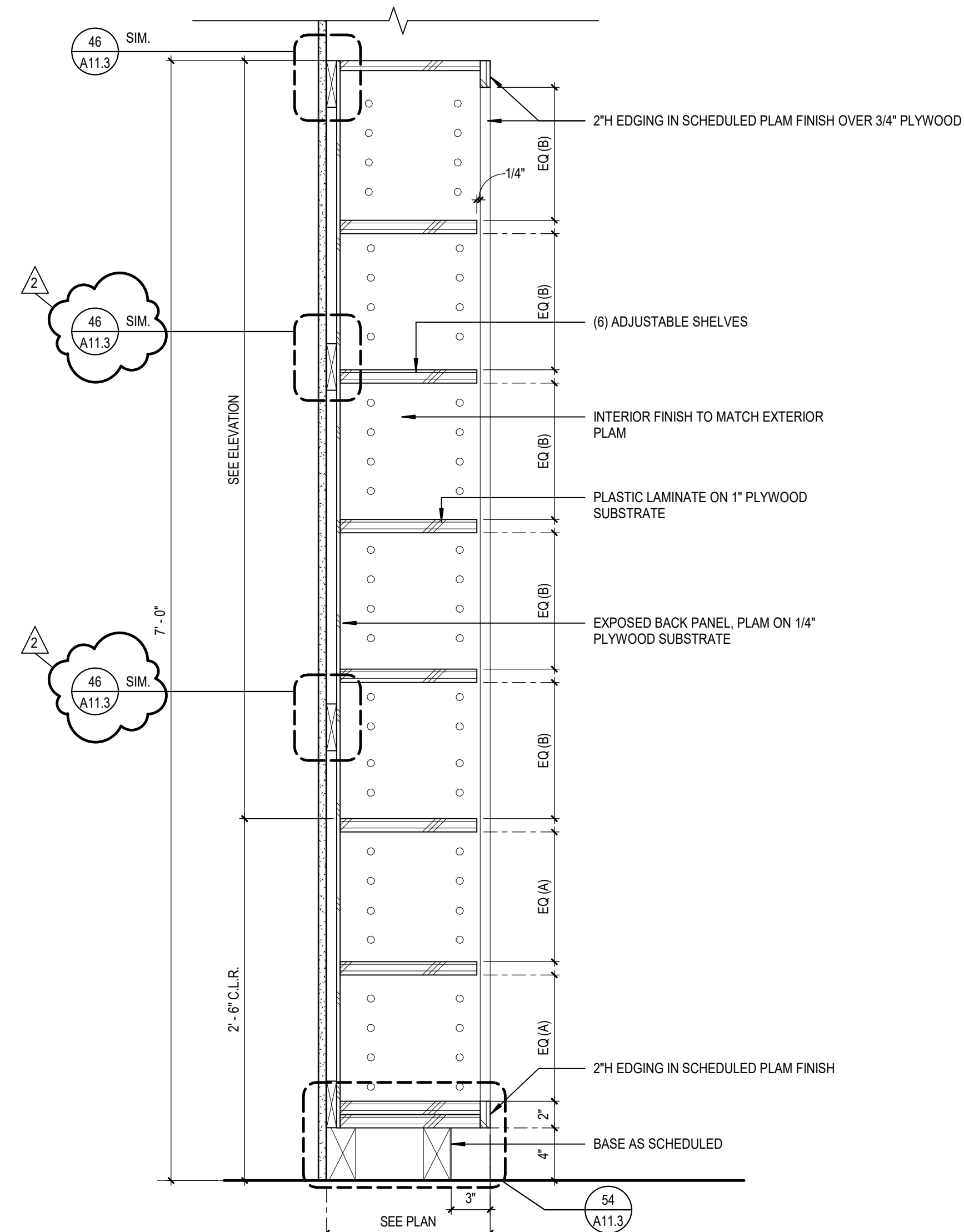
3537 Johnson Ave,
El Monte, CA 91731

PROJECT #75-20225-00
DSA APPL. #03-122081
DSA FILE #19-H10

A11.1

ADDEND 11/10/22
UNT2

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- MILLWORK GENERAL NOTES**
- CASEWORK AND MILLWORK GENERAL NOTES APPLY TO ALL CASEWORK/MILLWORK SHEETS.
 - ELEVATIONS DENOTED AS MILLWORK ARE SPECIFIED UNDER DIVISION 06. ALL OTHERS SHALL BE SPECIFIED UNDER DIVISION 12, UNLESS NOTED OTHERWISE.
 - ALL BASE CABINETS TO BE 2'-0" DEEP UNITS, UNLESS NOTED OTHERWISE.
 - ALL UPPER WALL CABINETS TO BE 1'-2" DEEP UNITS, UNLESS NOTED OTHERWISE.
 - ALL TALL STORAGE CABINETS TO BE 2'-0" DEEP UNITS, UNLESS NOTED OTHERWISE.
 - ALL SHELVING IN CASEWORK TO BE ADJUSTABLE SHELVING, UNLESS NOTED OTHERWISE.
 - WHERE PLUMBING OR ELECTRICAL DEVICES ARE LOCATED IN CASEWORK, CASEWORK CONTRACTOR SHALL PROVIDE OPENINGS. COORDINATE LOCATION AND QUANTITY WITH THE PLUMBING OR ELECTRICAL CONTRACTOR.
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 - SEE STRUCTURAL NAILING SCHEDULE S0.02 FOR ALL NAILING NOTES.
 - PROVIDE GROMMET AT ALL COUNTERTOPS WHERE POWER IS LOCATED BELOW COUNTER.

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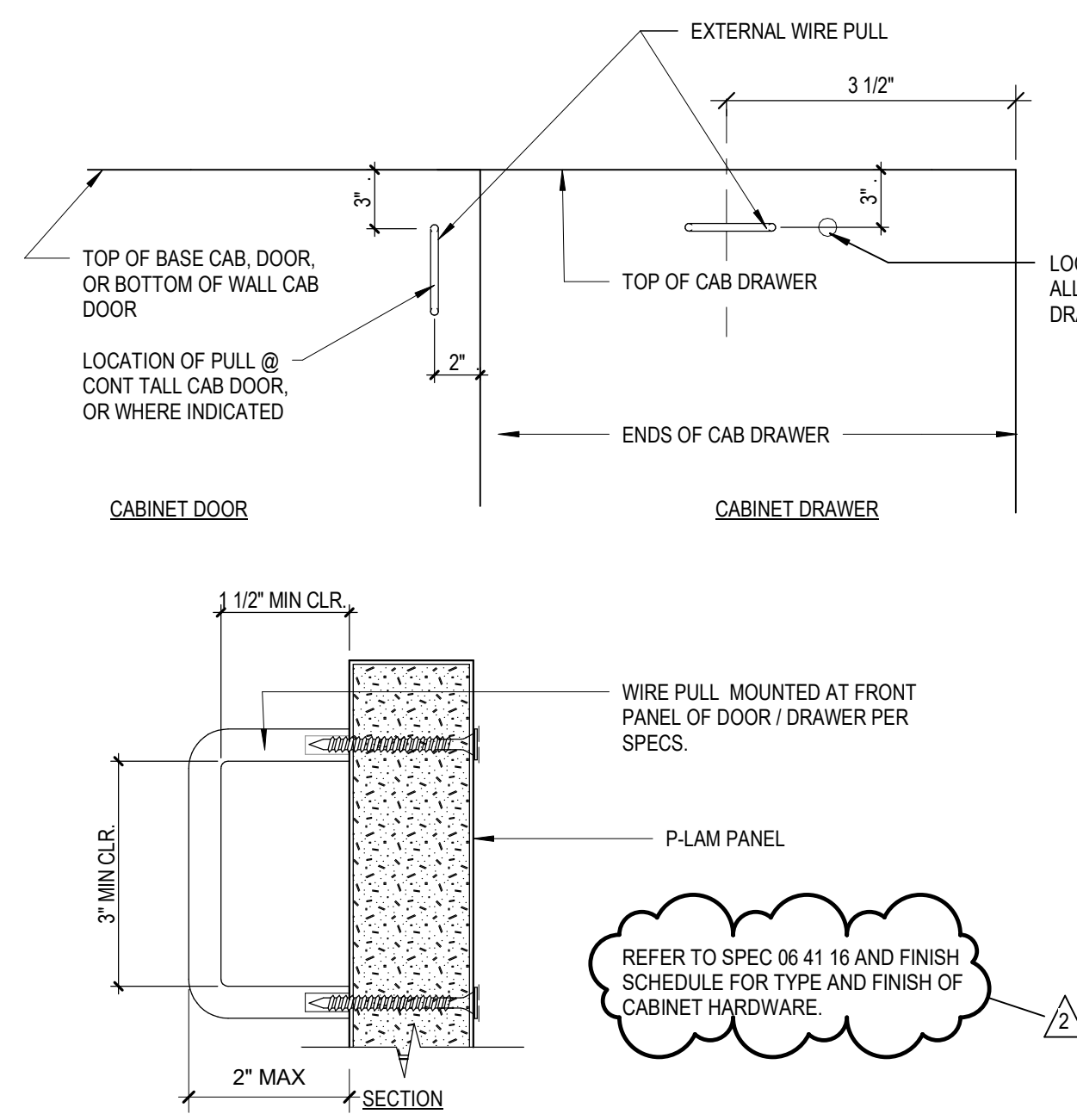
JESSE MILLER
No. 62288
10/31/2023
STATE OF CALIFORNIA

CASEWORK DETAILS
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave., South El Monte, CA 91733

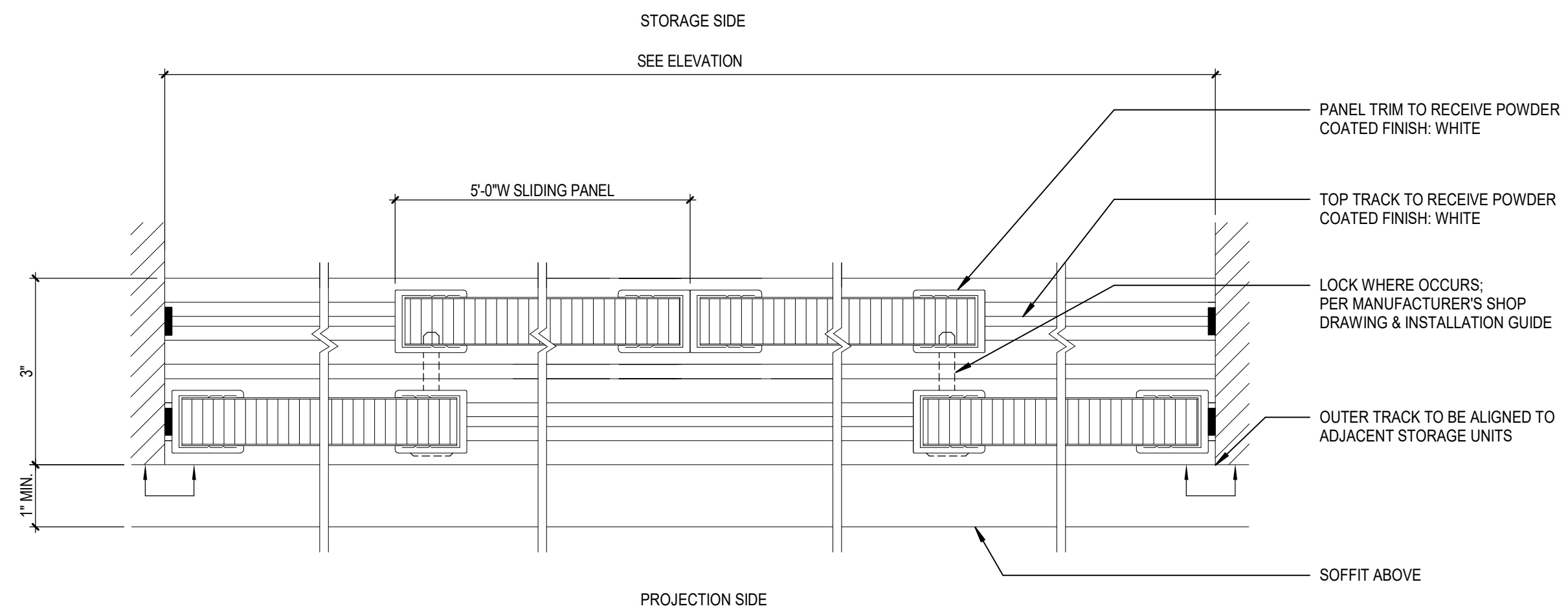
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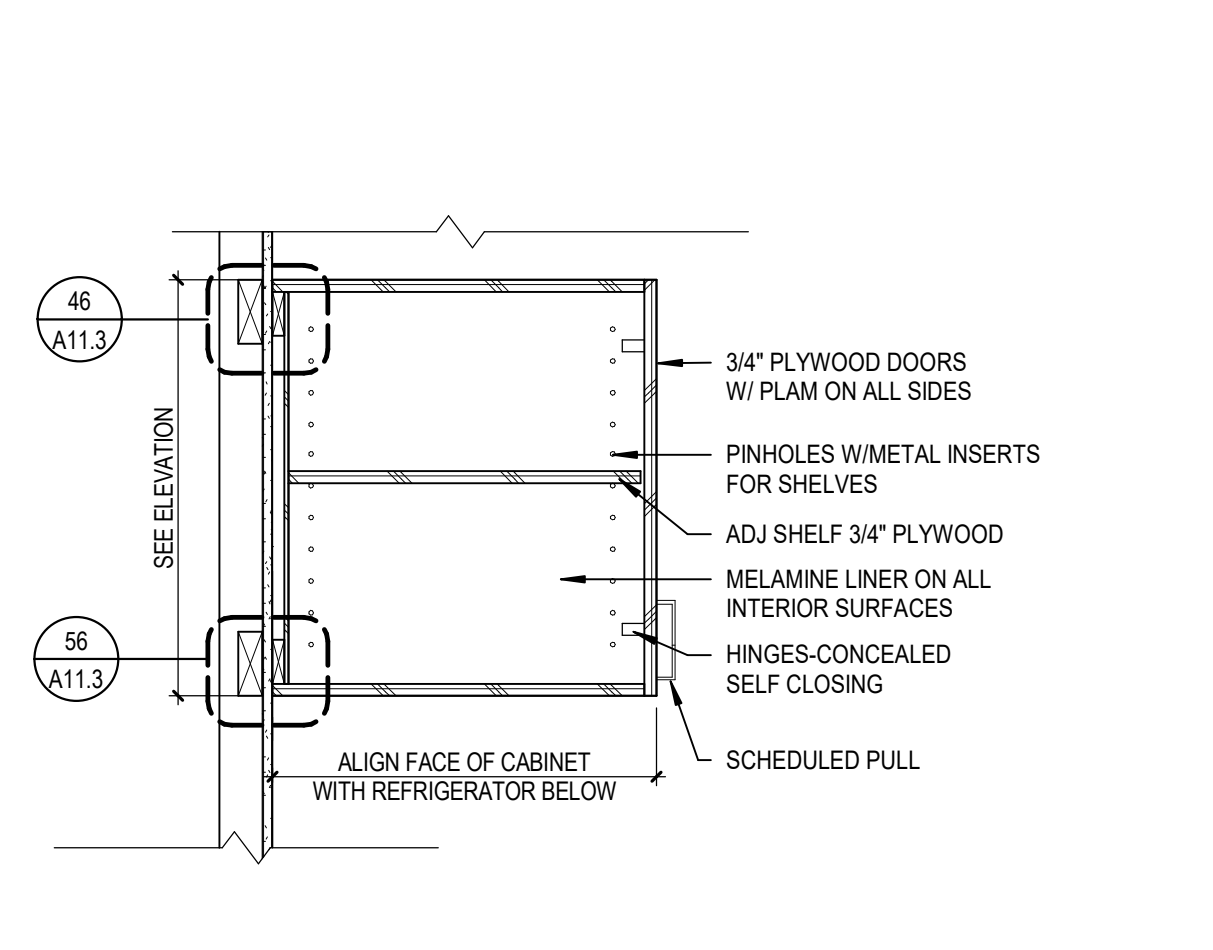
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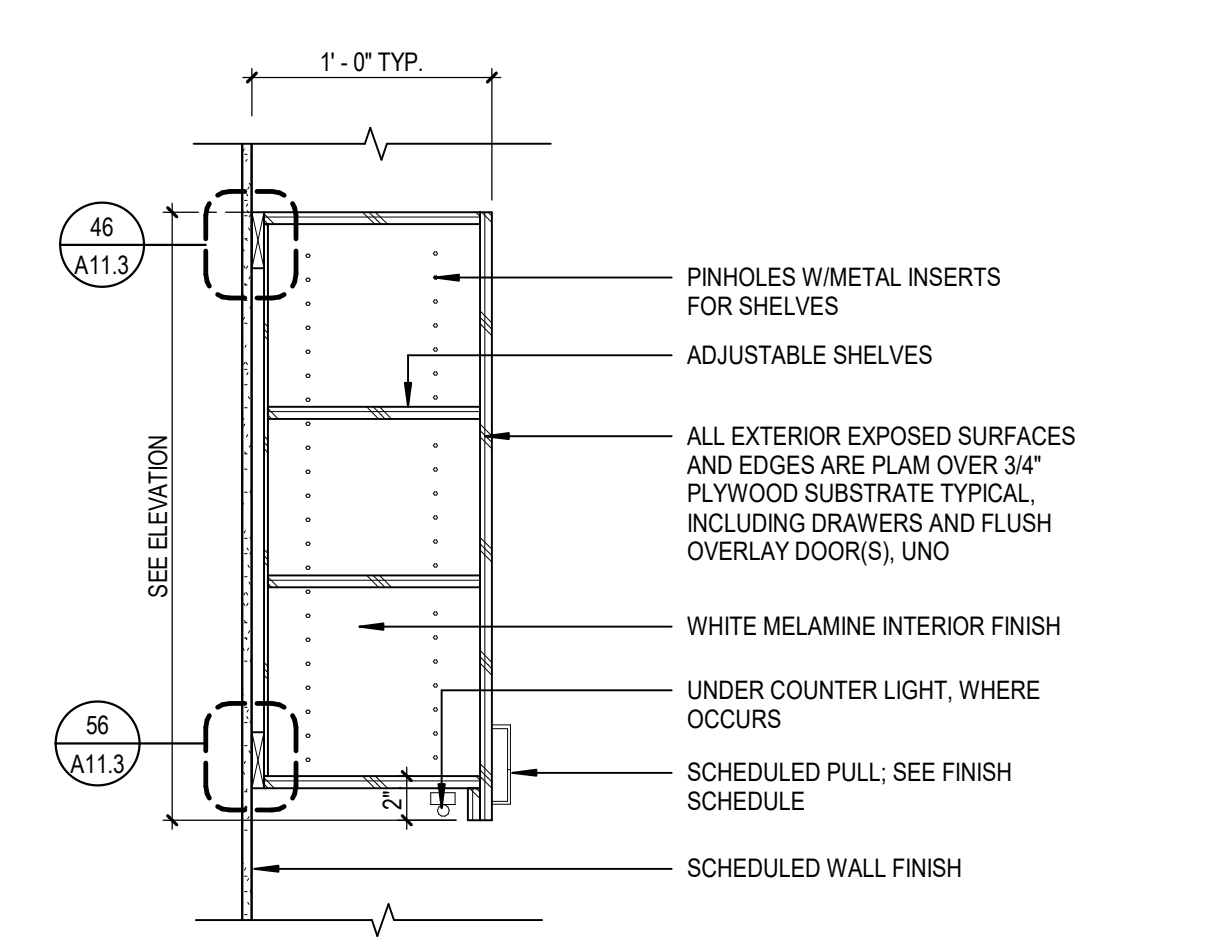
12 TYPICAL SLIDING MARKER BOARD TRACK DETAIL
A11.3 SCALE: 6" = 1'-0"



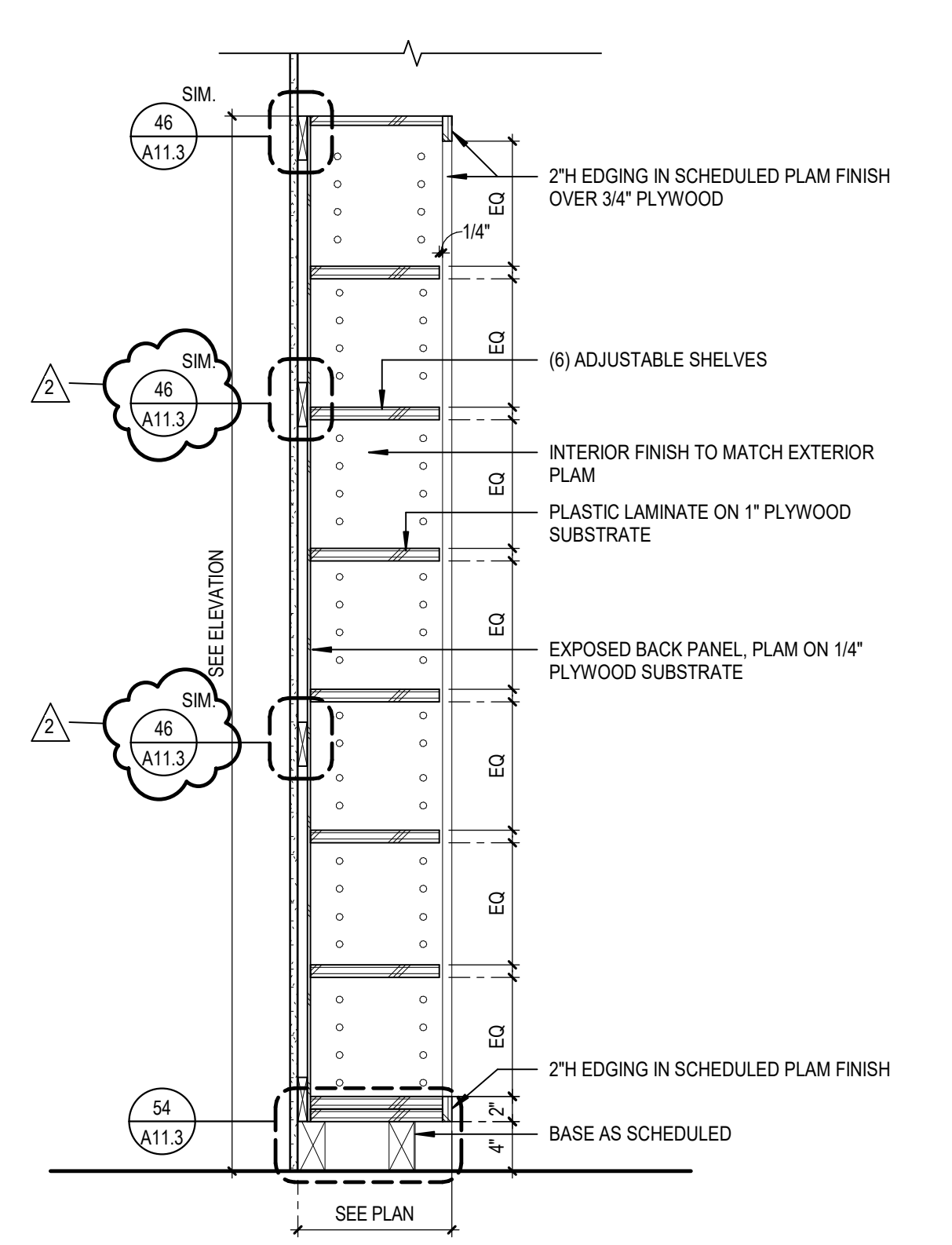
14 UPPER CABINET - REFRIGERATOR
A11.3 SCALE: 1" = 1'-0"



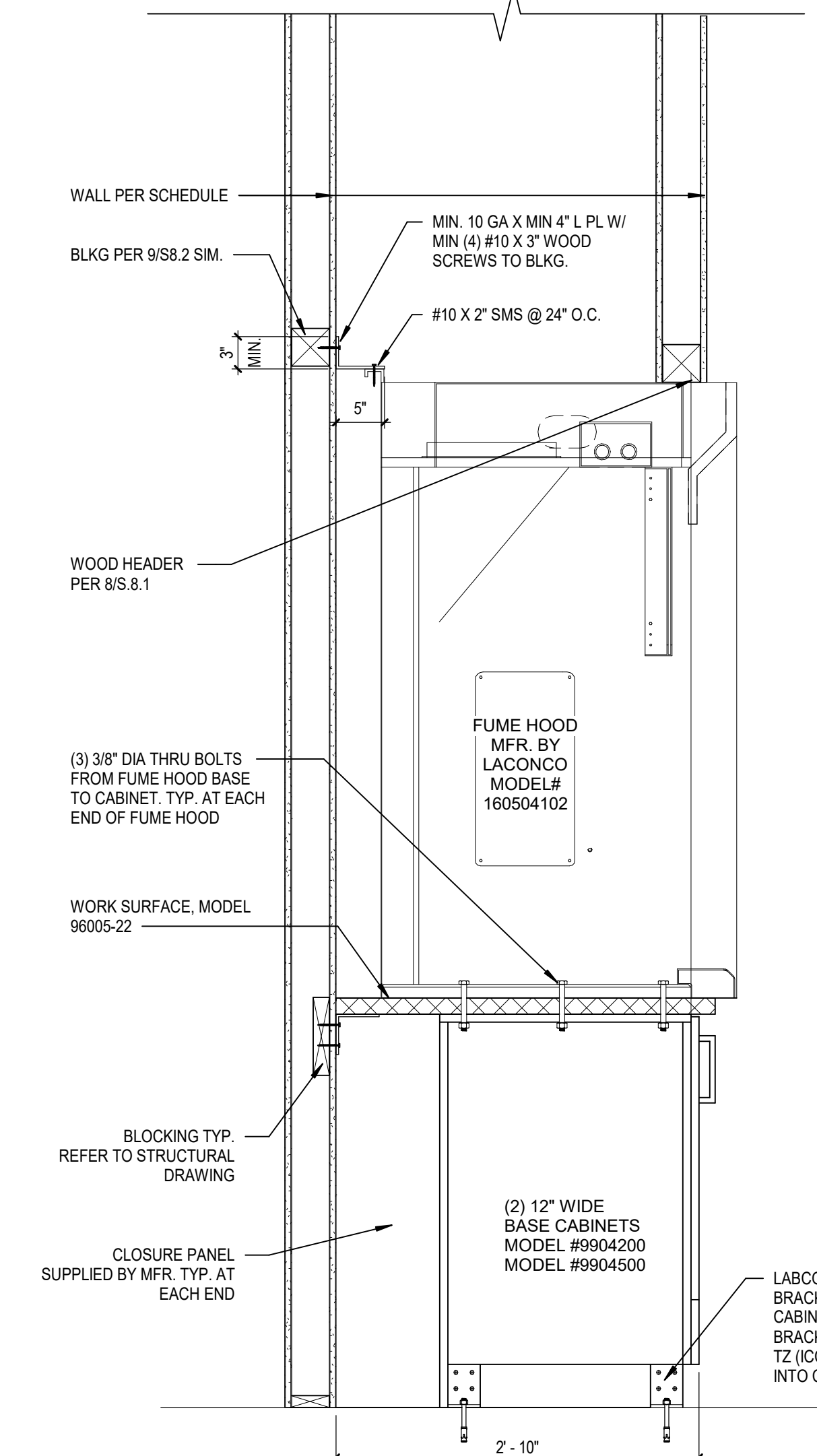
16 UPPER CABINET
A11.3 SCALE: 1" = 1'-0"



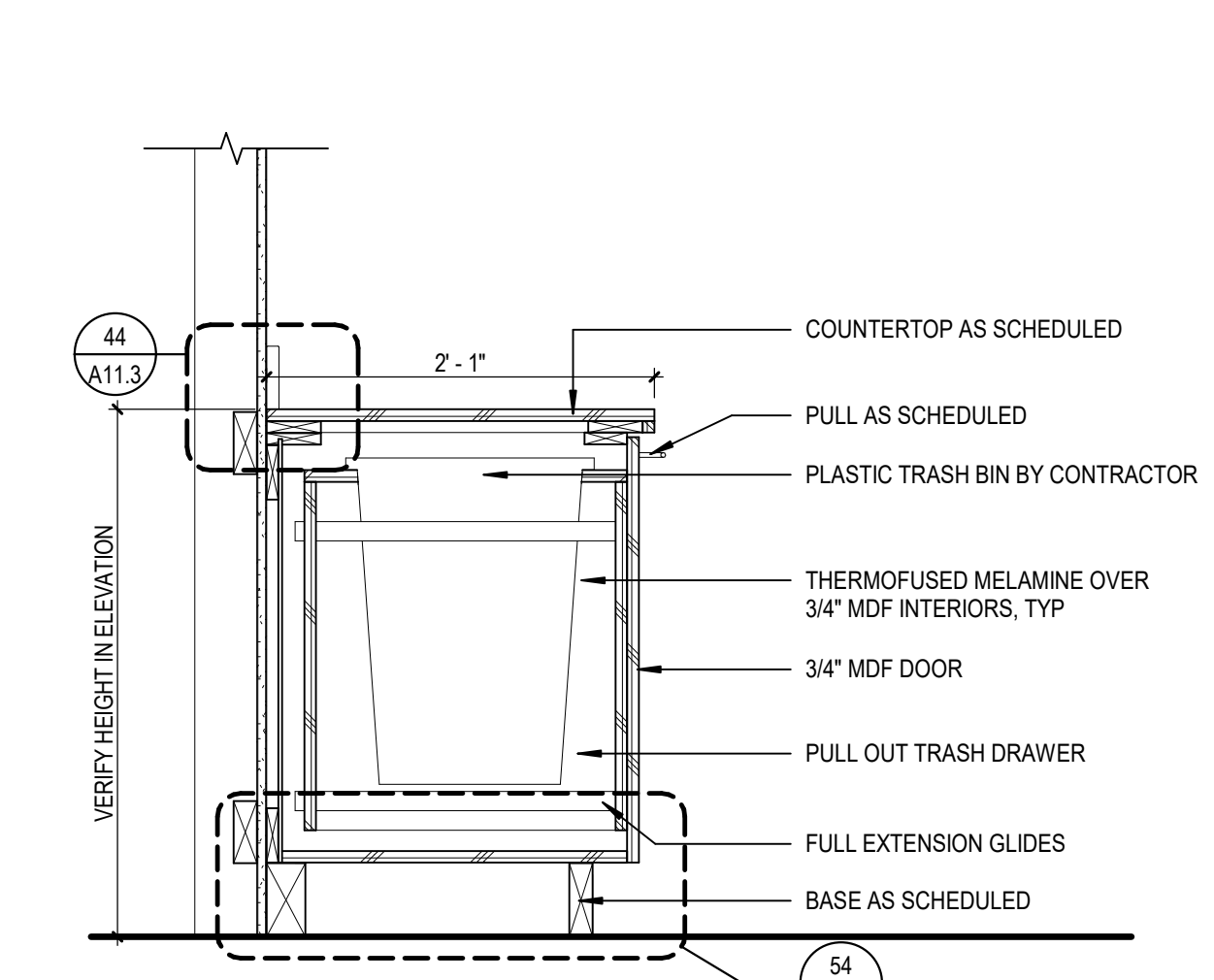
21 CABINET PULL LOCATION DIAGRAM, TYP.
A11.3 SCALE: 6" = 1'-0" & 12" = 1'-0"



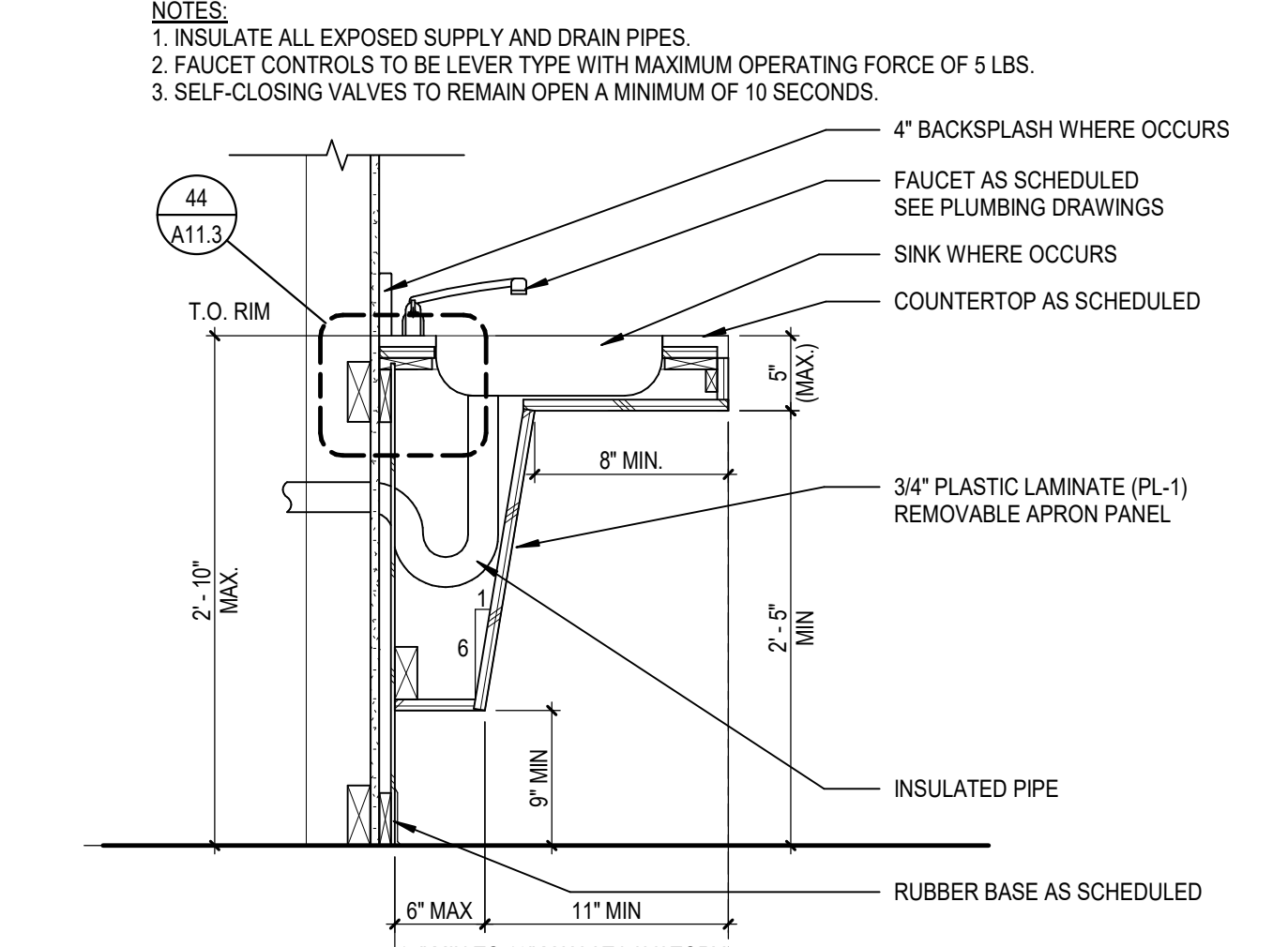
31 TYPICAL BOOK CASE DETAIL
A11.3 SCALE: 1" = 1'-0"



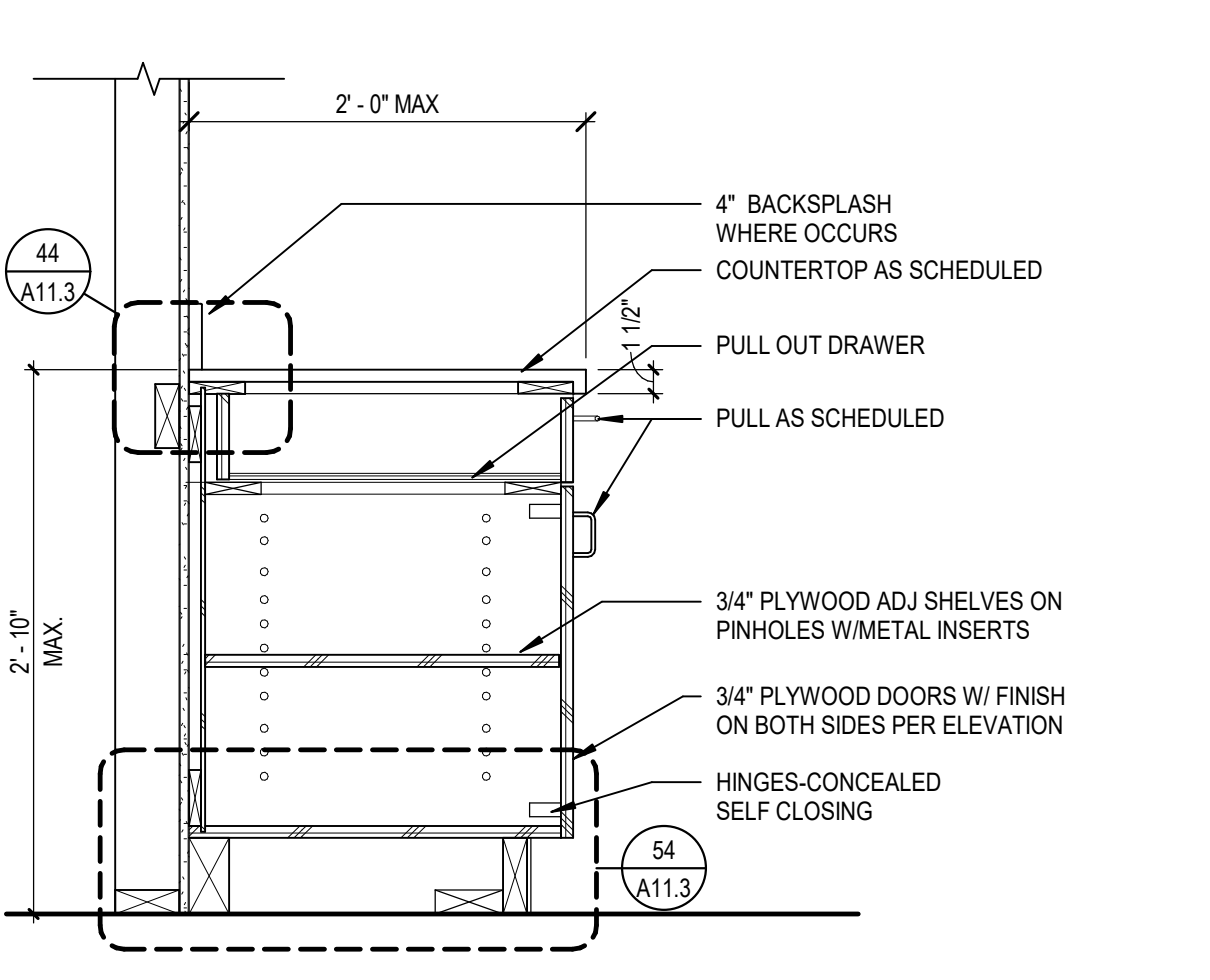
32 TALL CABINET - OPEN
A11.3 SCALE: 1" = 1'-0"



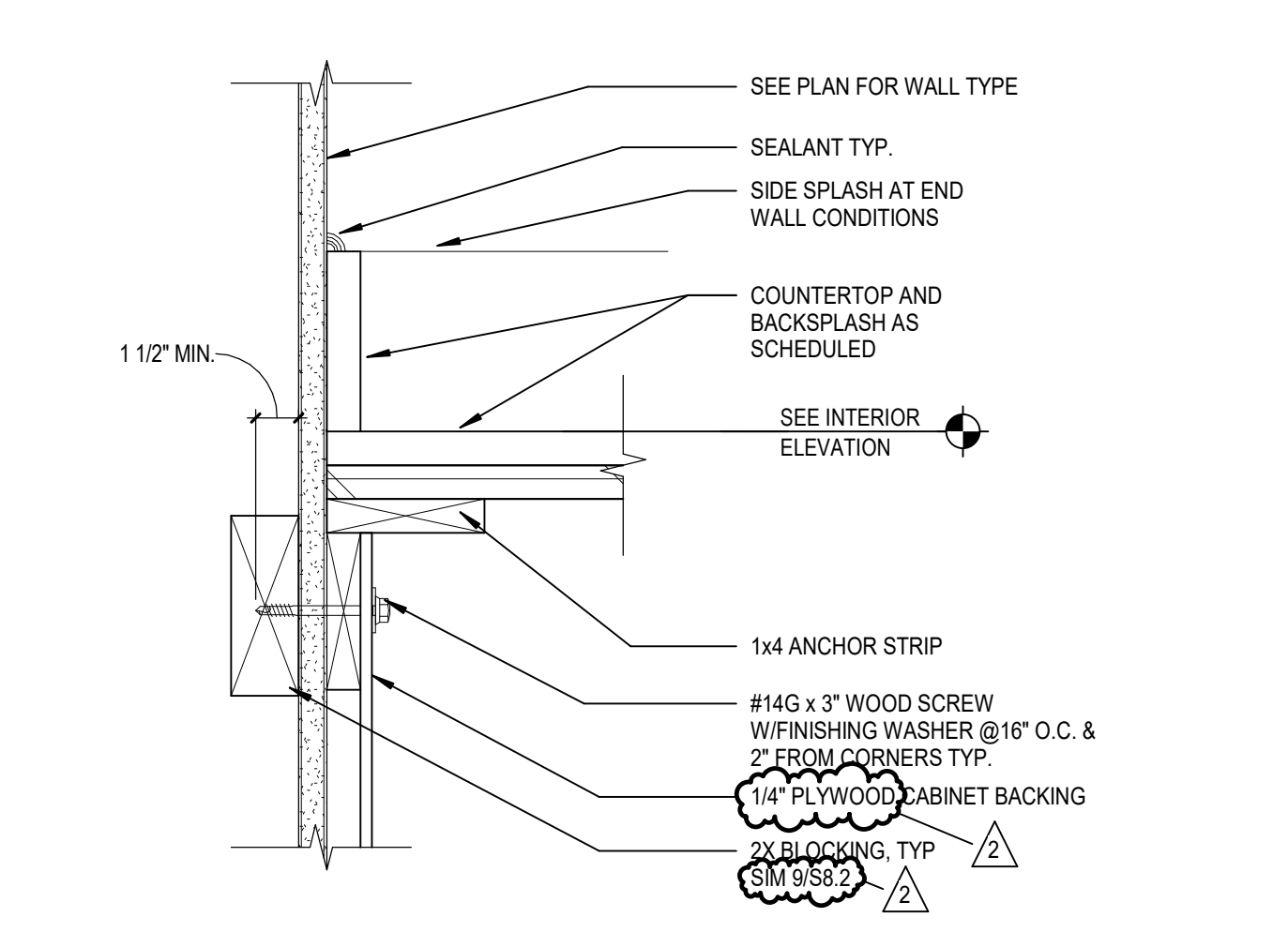
33 OPEN TALL CABINET WITH PHONE CHARGING STATION
A11.3 SCALE: 1" = 1'-0"



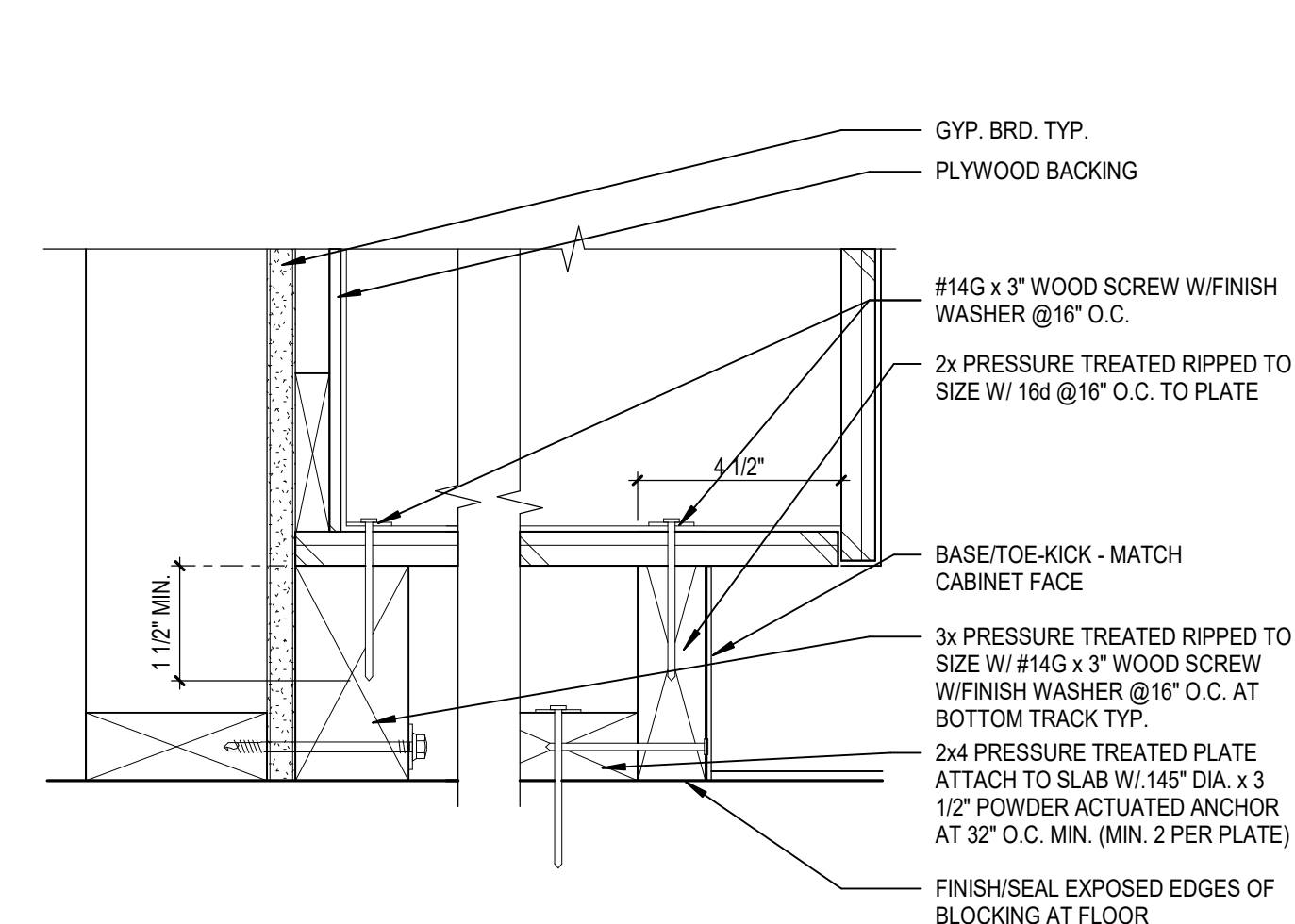
43 LOWER CABINET W/ACCESSIBLE SINK/LAVATORY
A11.3 SCALE: 1" = 1'-0"



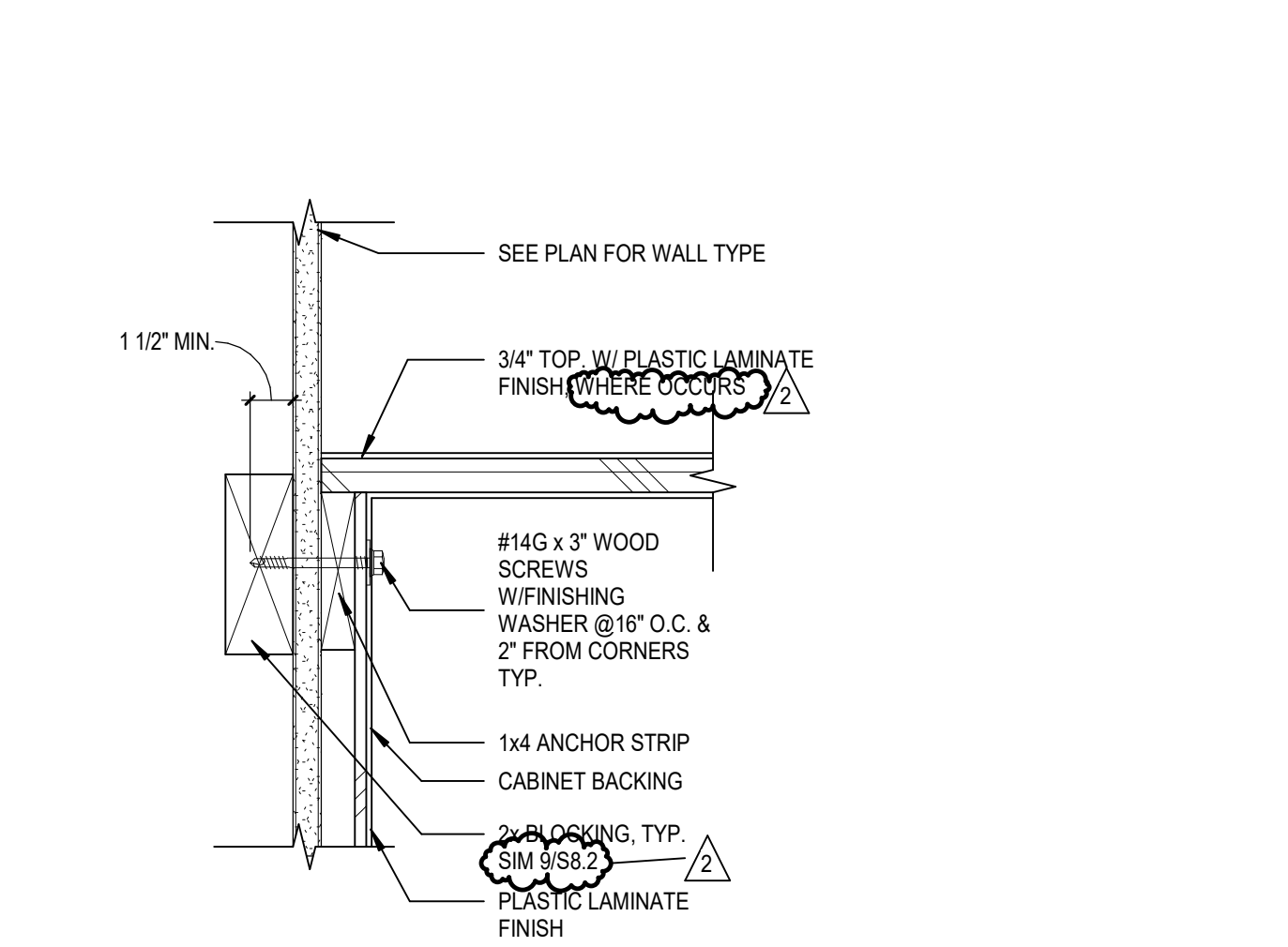
34 TALL CABINET
A11.3 SCALE: 1" = 1'-0"



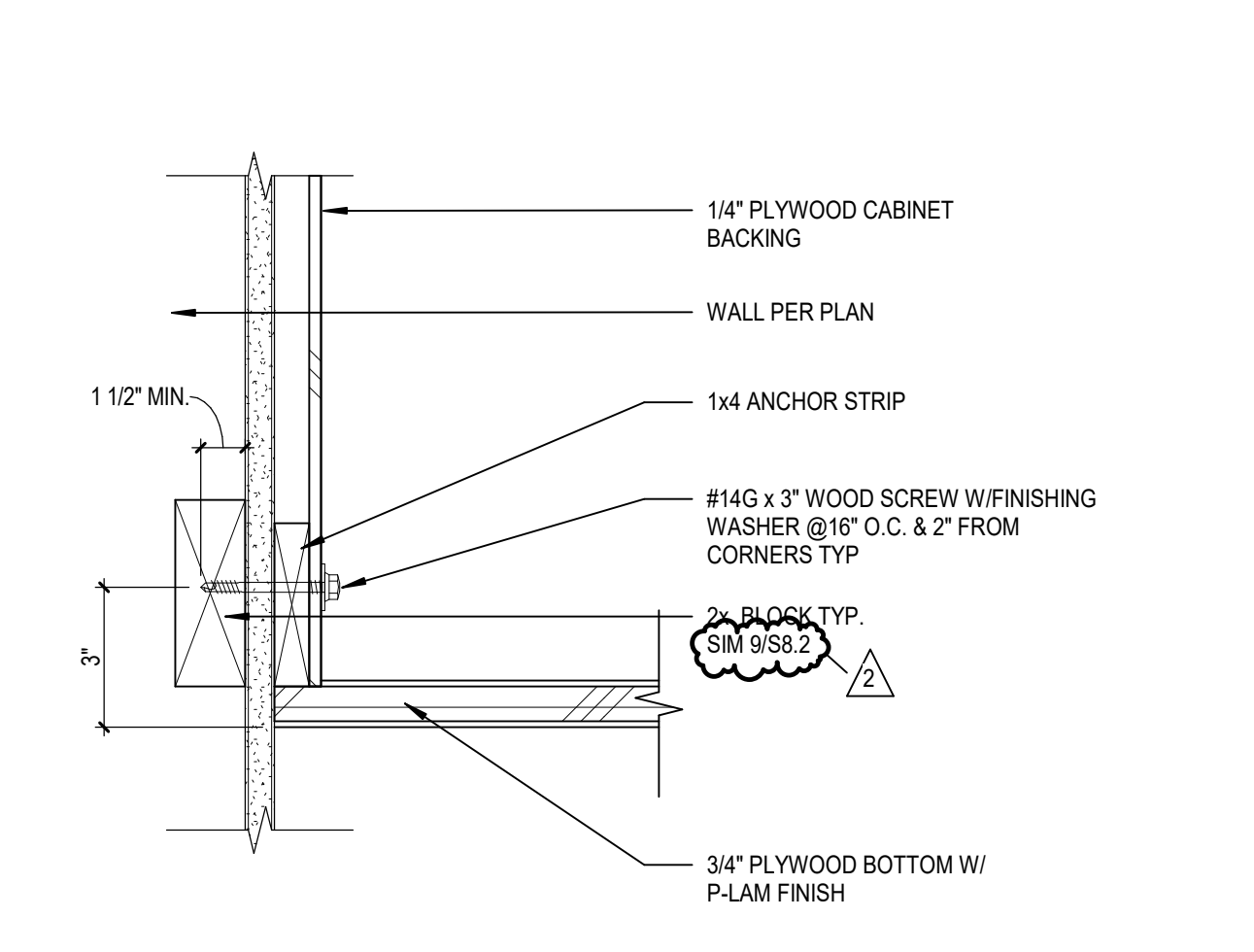
44 BASE CABINET ANCHORAGE AT TOP, TYP.
A11.3 SCALE: 3" = 1'-0"



36 TEACHING WALL STORAGE UNIT
A11.3 SCALE: 1" = 1'-0"



46 UPPER CABINET ANCHORAGE AT TOP, TYP.
A11.3 SCALE: 3" = 1'-0"



51 SECTION AT APPLIANCE AT BASE CABINET
A11.3 SCALE: 1" = 1'-0"



53 LOWER CABINET - W/ DRAWER & DOOR
A11.3 SCALE: 1" = 1'-0"



54 BASE CABINET ANCHORAGE AT BASE, TYP.
A11.3 SCALE: 3" = 1'-0"

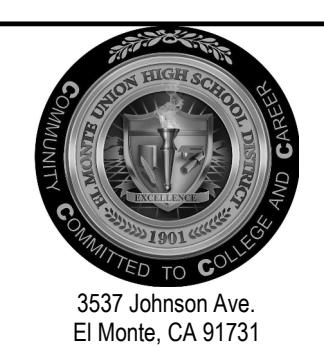


56 UPPER CABINET ANCHOR. @ BOTTOM, TYP.
A11.3 SCALE: 3" = 1'-0"



CASEWORK DETAILS
South El Monte HS Modernization
El Monte Union High School District
1001 Dunbar Ave, South El Monte, CA 91733

100% CDs
03/01/2022
Revisions
Date Description
11/18/2022 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731

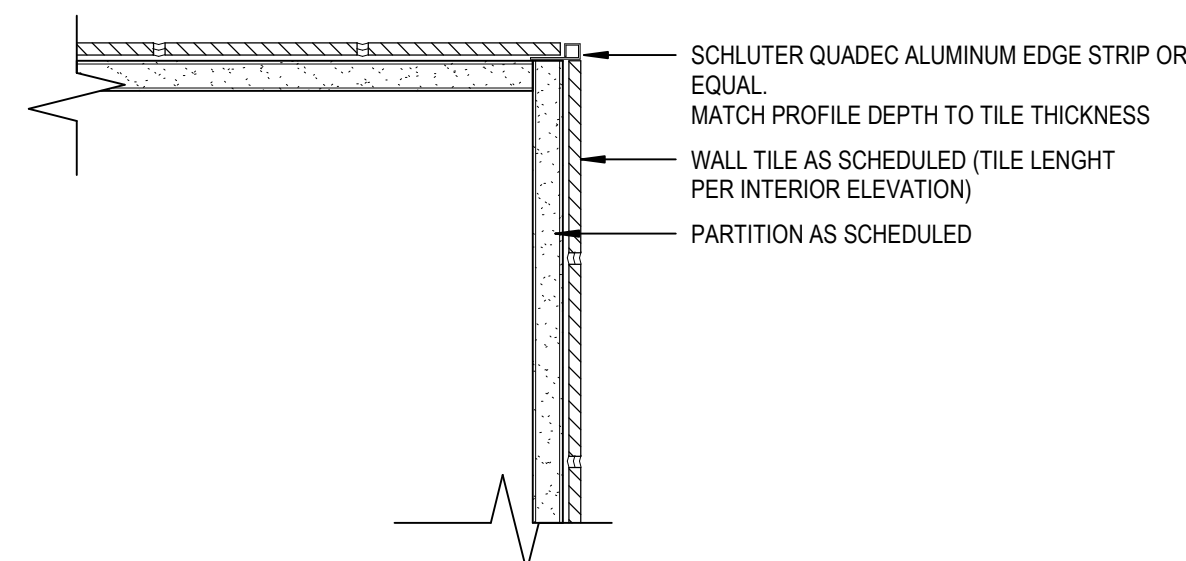
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A11.3

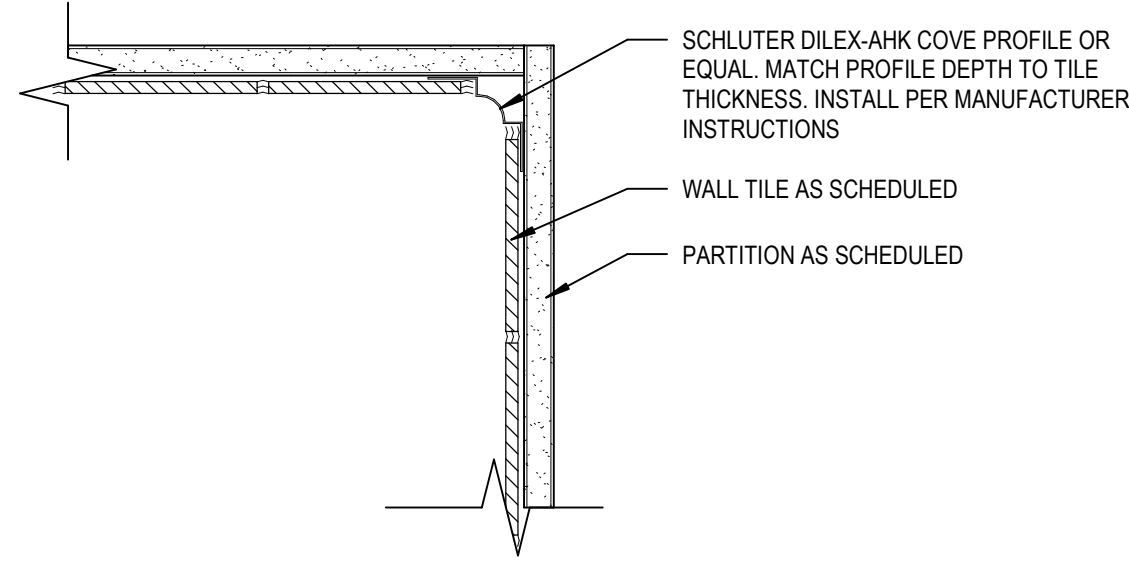
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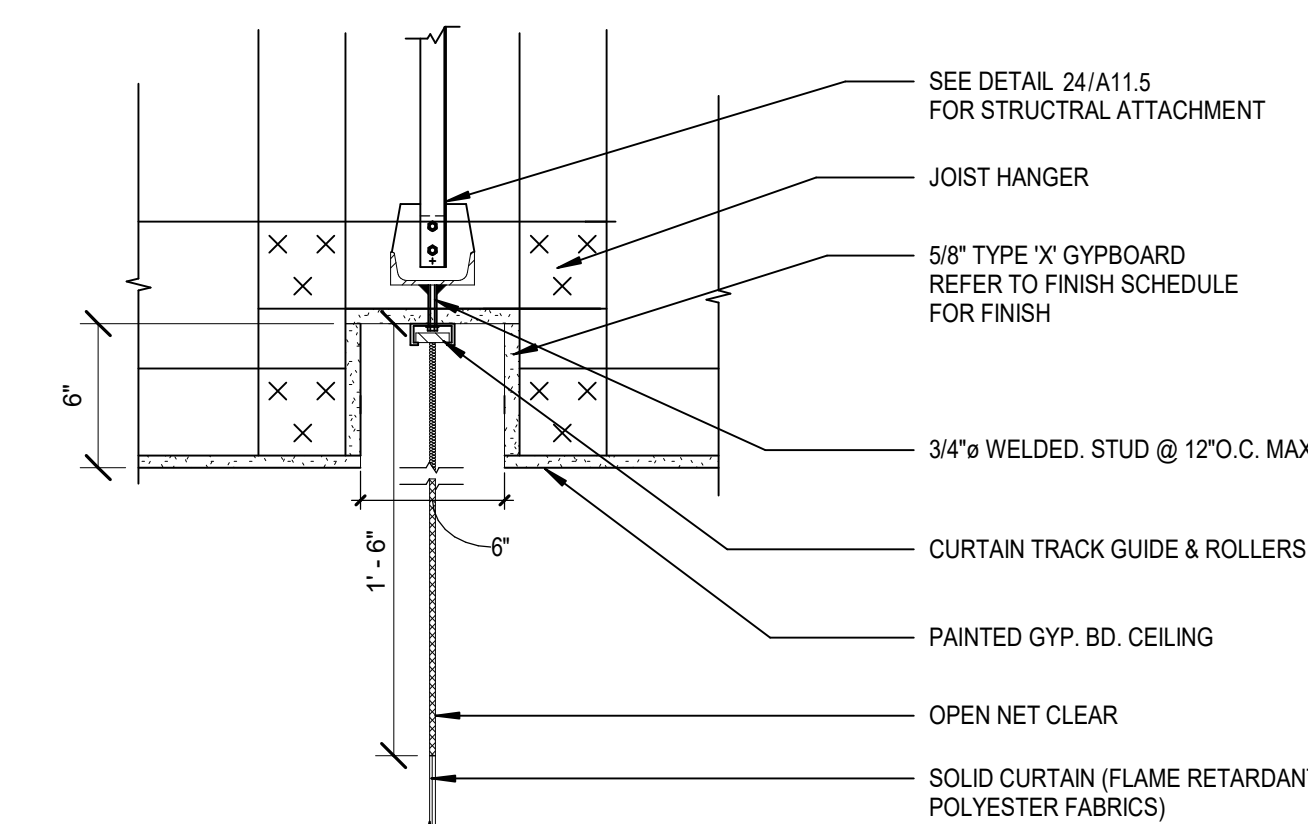
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 ACCEND 11/18/2022
 UNIT



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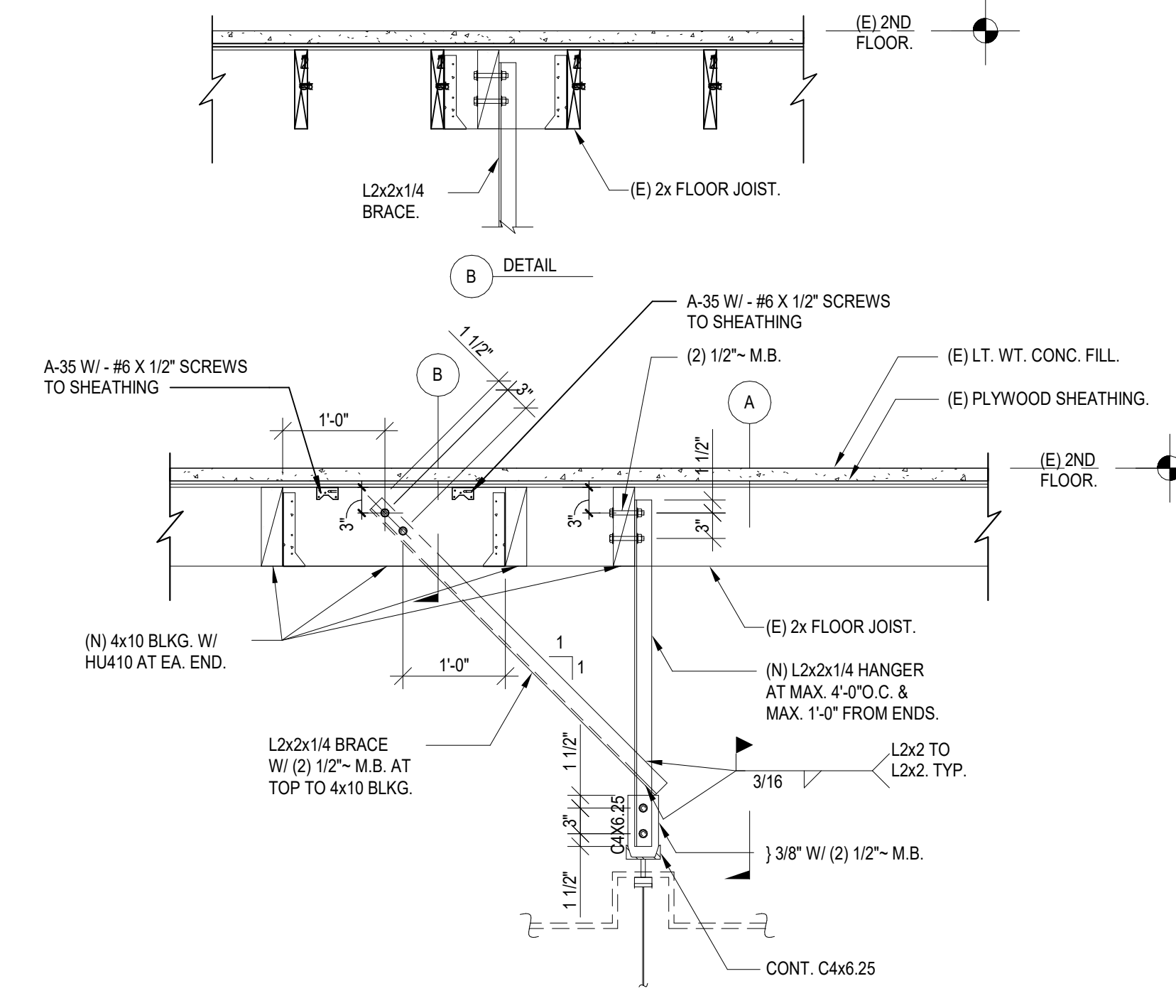


B. INSIDE CORNER CONDITION



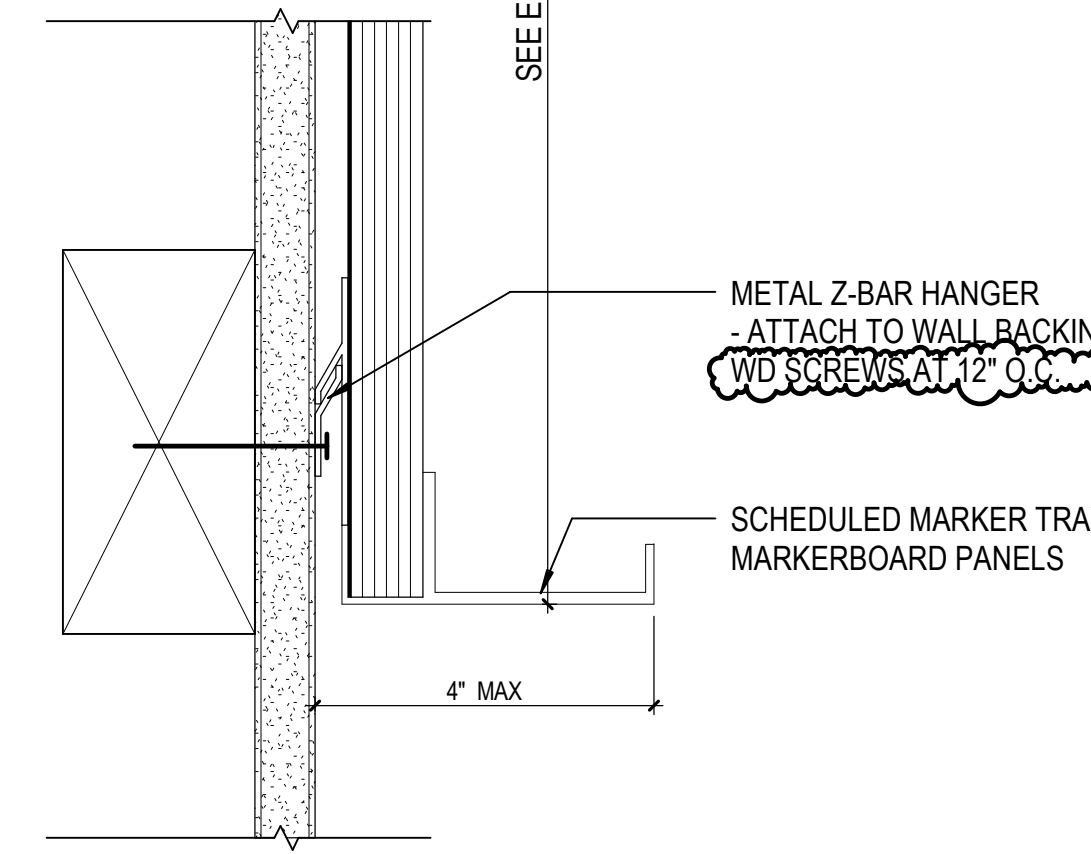
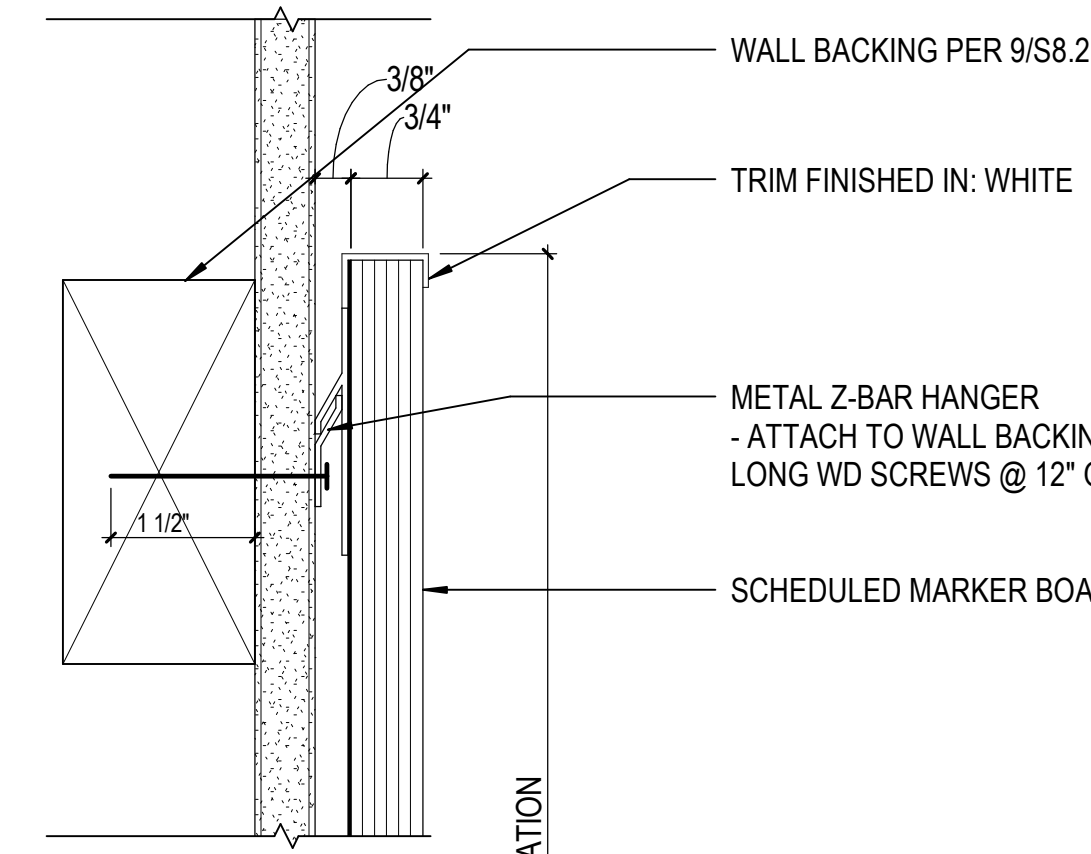
23 CURTAIN TRACK AT GYP.BD. SOFFIT

A11.5 SCALE: 1 1/2" = 1'-0"



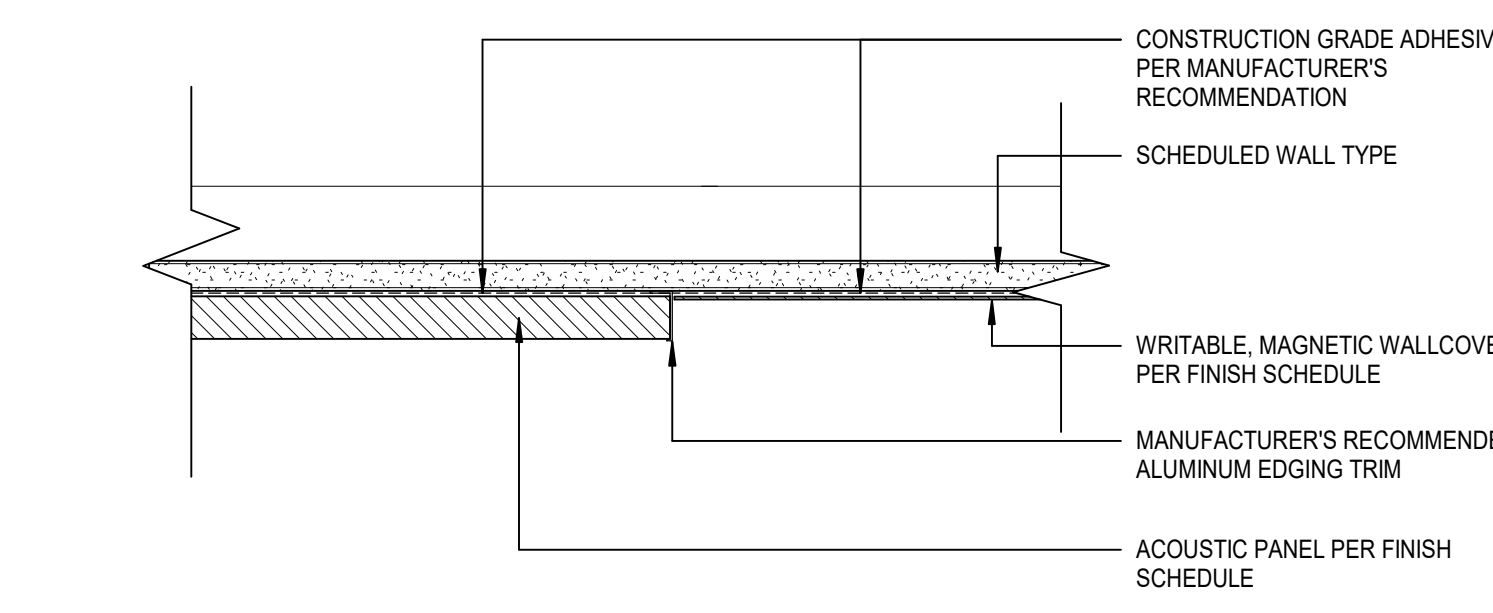
24 CURTAIN TRACK ATTACHMENT DETAIL

A11.5 SCALE: 3/4" = 1'-0"



33 TYPICAL MARKERBOARD/ FABRIC WRAPPED PANEL MOUNTING DETAIL

A11.5 SCALE: 6" = 1'-0"

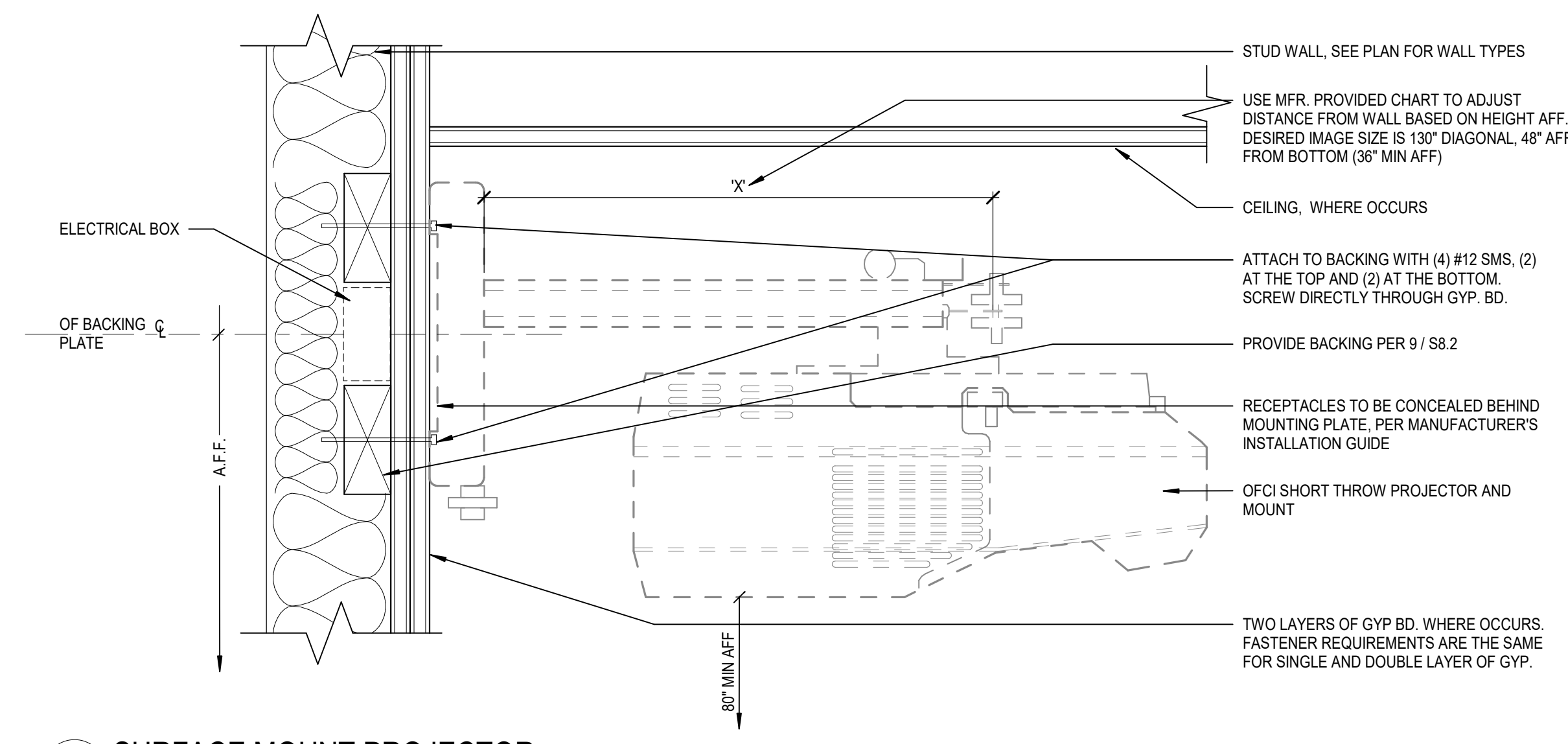


34 WRITABLE WALLCOVERING TO TACKABLE PANEL TRANSITION

A11.5 SCALE: 3" = 1'-0"

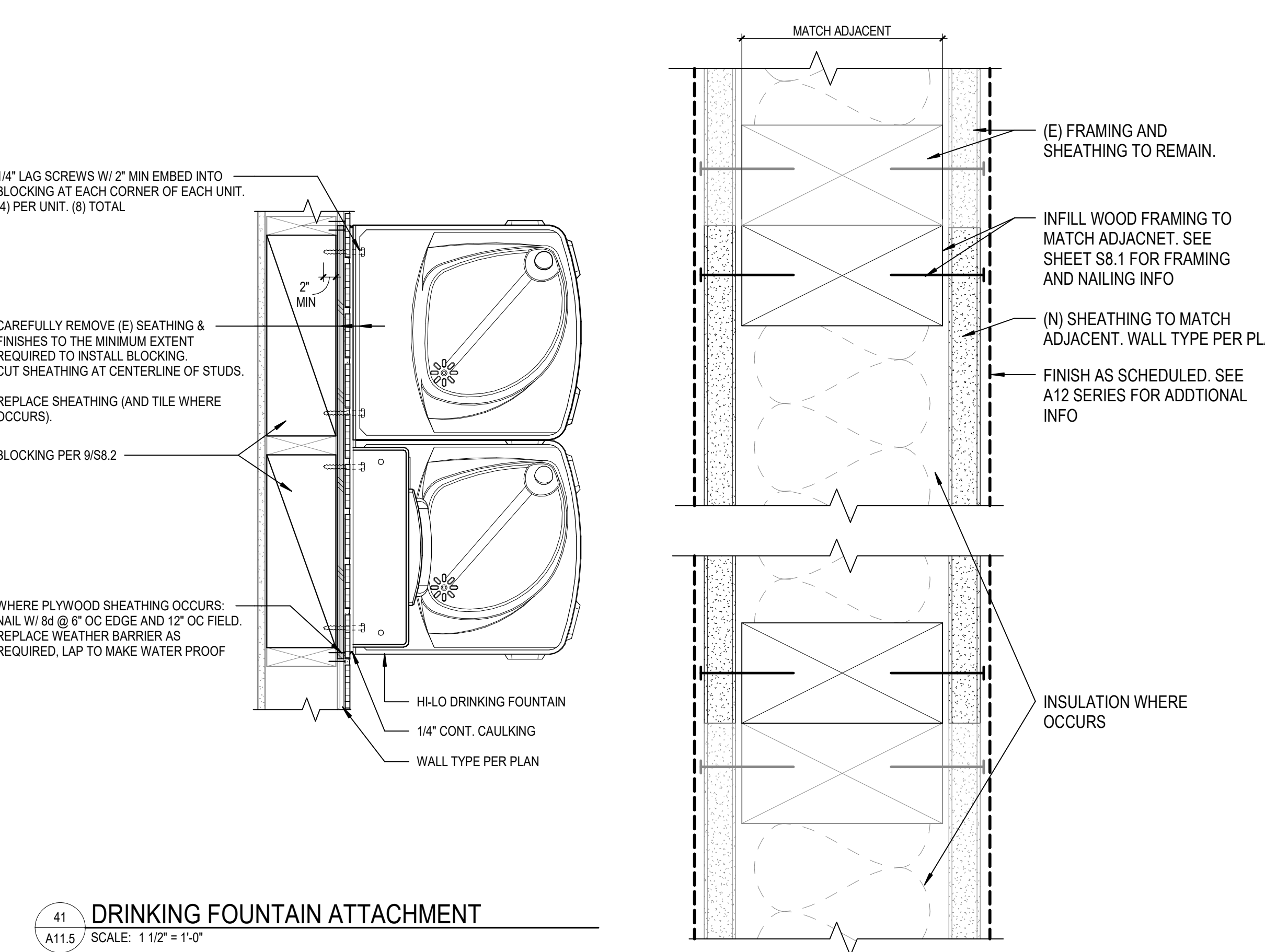
21 WALL TILE/EDGE PROTECTION DETAILS

A11.5 SCALE: 3" = 1'-0"



31 SURFACE MOUNT PROJECTOR

A11.5 SCALE: 3" = 1'-0"

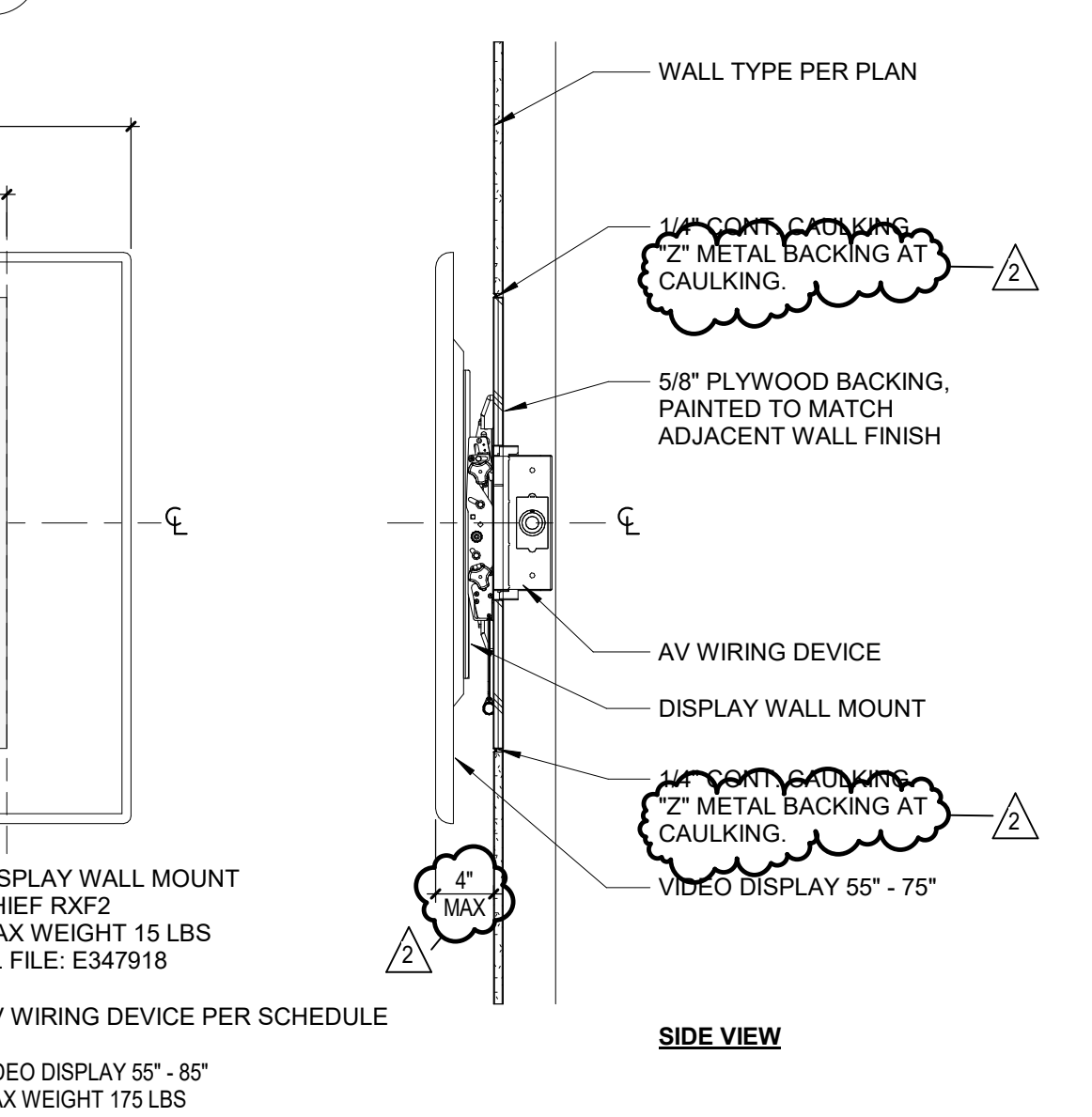


41 DRINKING FOUNTAIN ATTACHMENT

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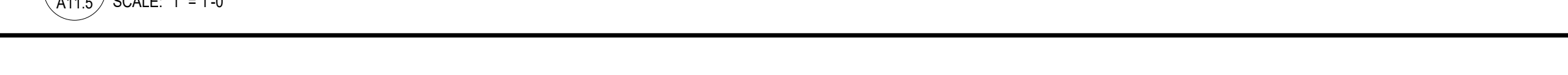
42 INFILL WALL DETAIL

A11.5 SCALE: 6" = 1'-0"



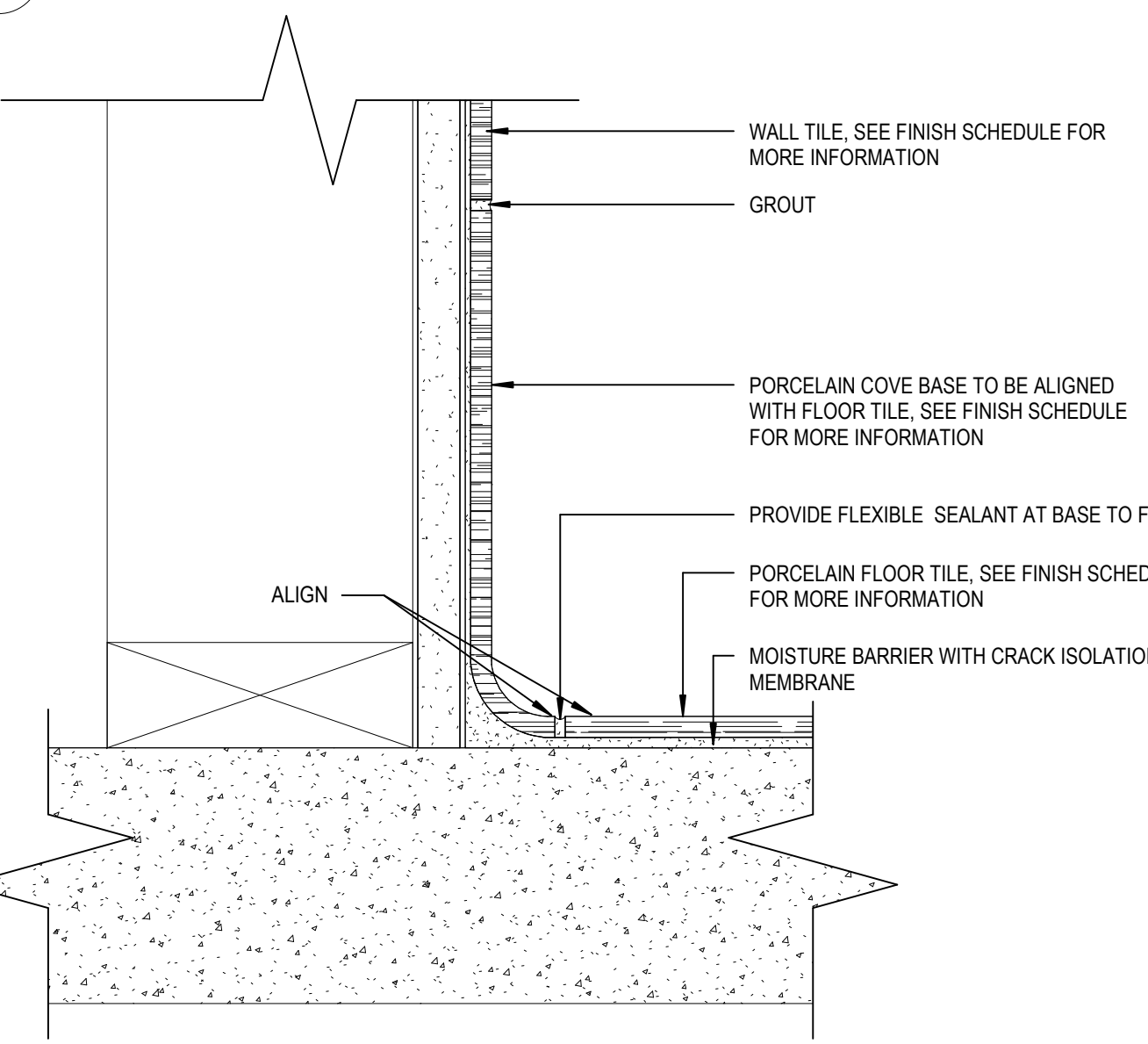
51 MONITOR WALL MOUNT DETAIL

A11.5 SCALE: 1" = 1'-0"



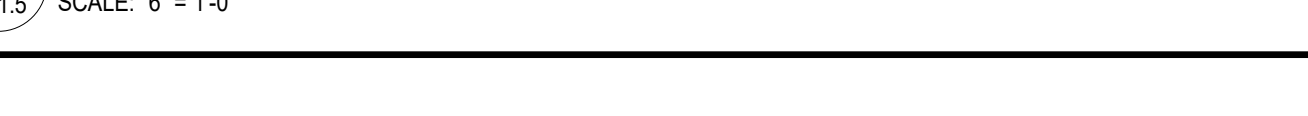
43 DETAIL AT TOP TILE

A11.5 SCALE: 6" = 1'-0"



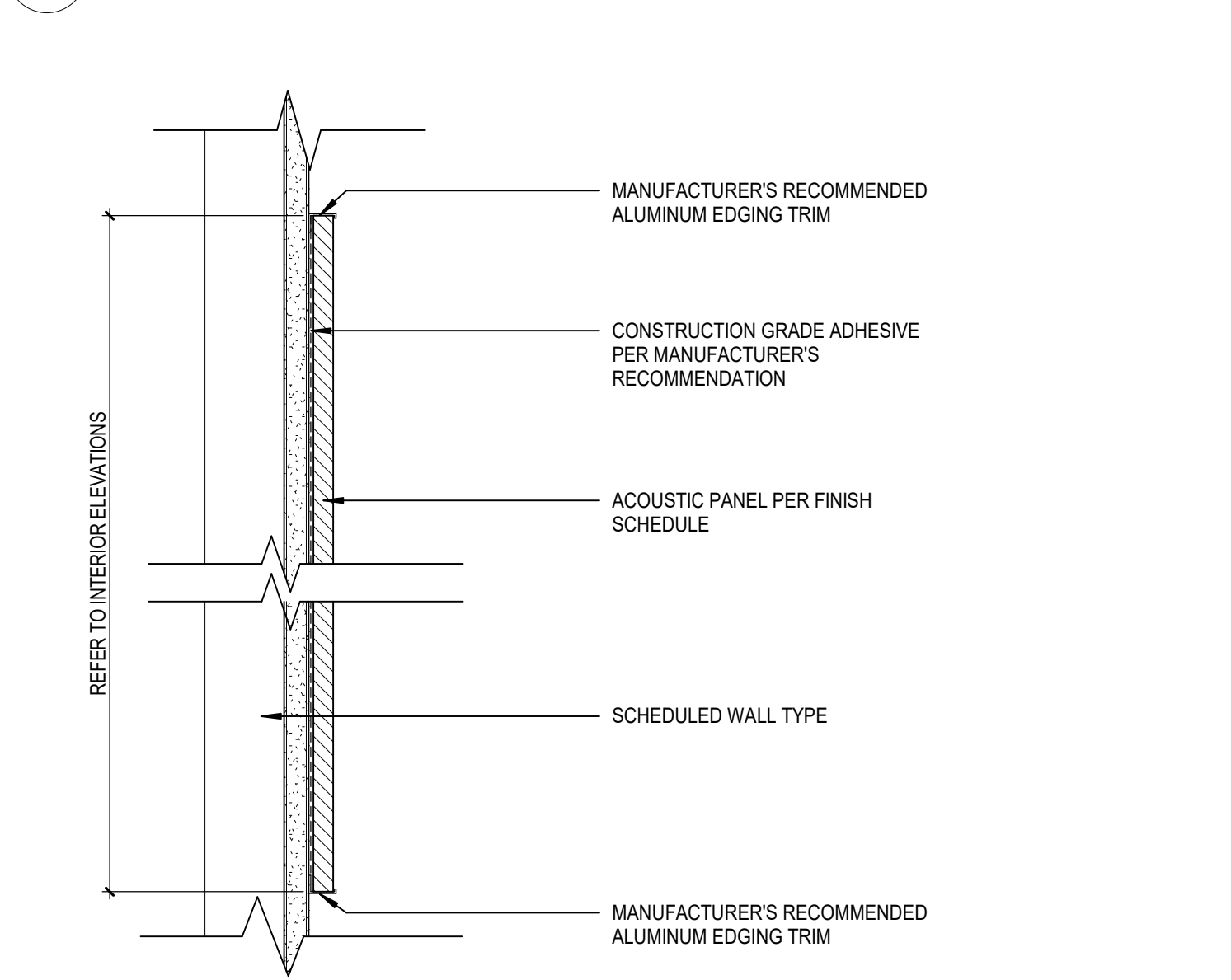
53 FLOOR TRANSITION TILE BASE

A11.5 SCALE: 6" = 1'-0"



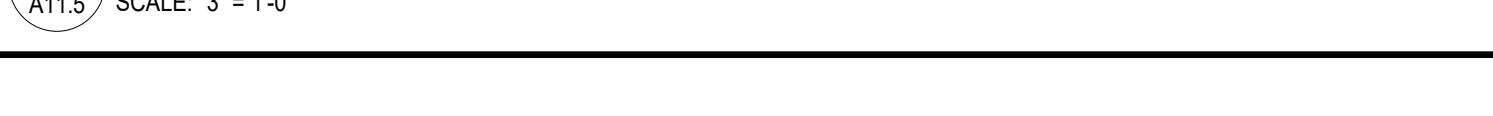
44 TYP WRITABLE MAGNETIC WALLCOVERING SECTION

A11.5 SCALE: 3" = 1'-0"



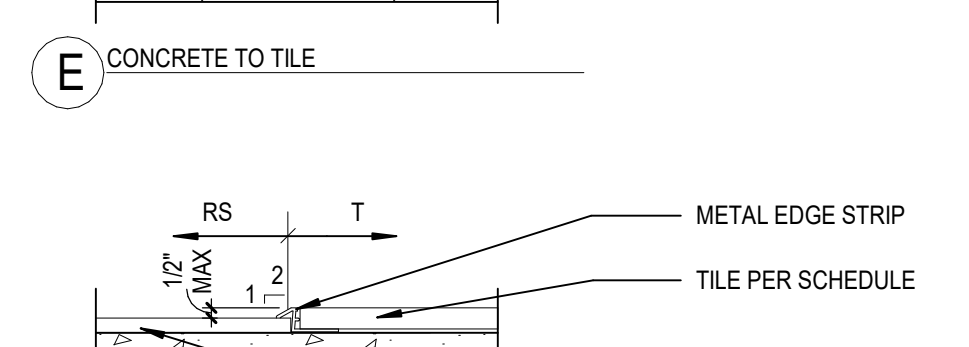
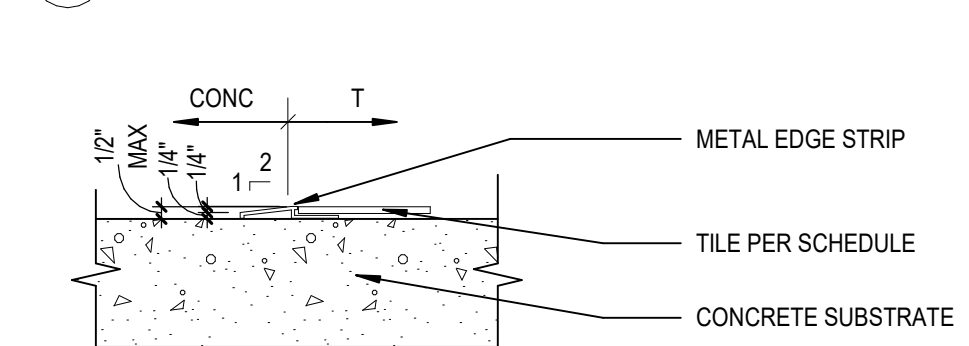
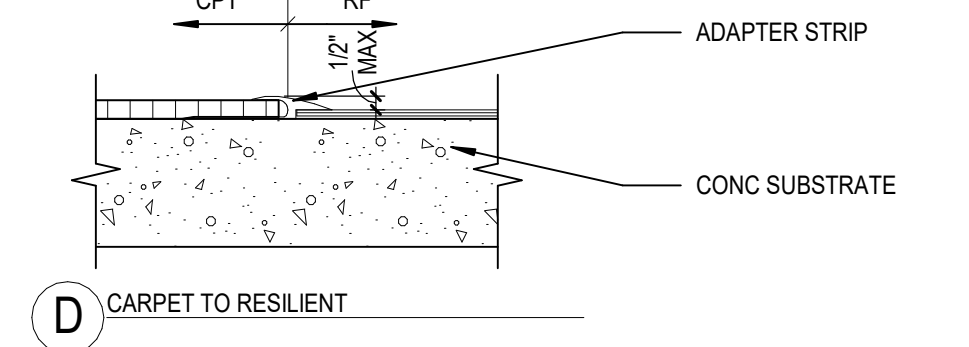
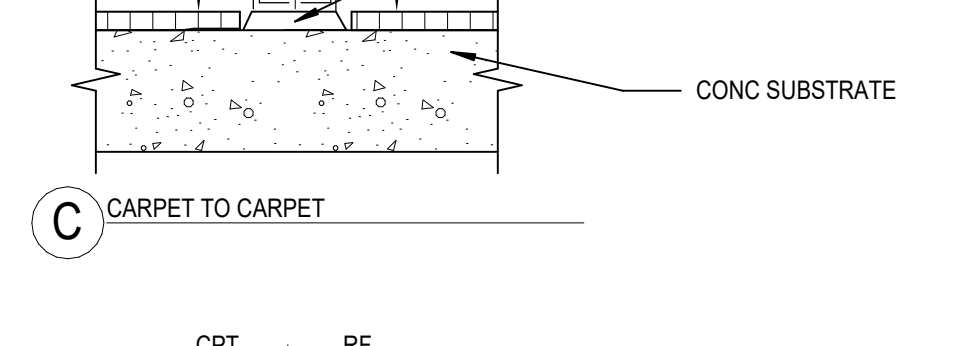
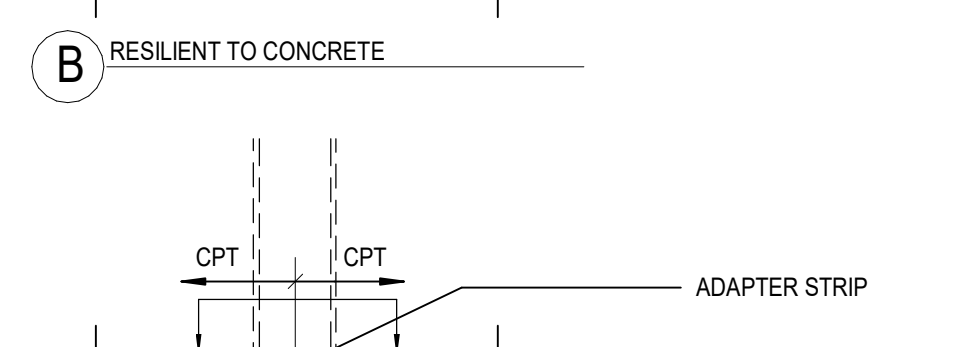
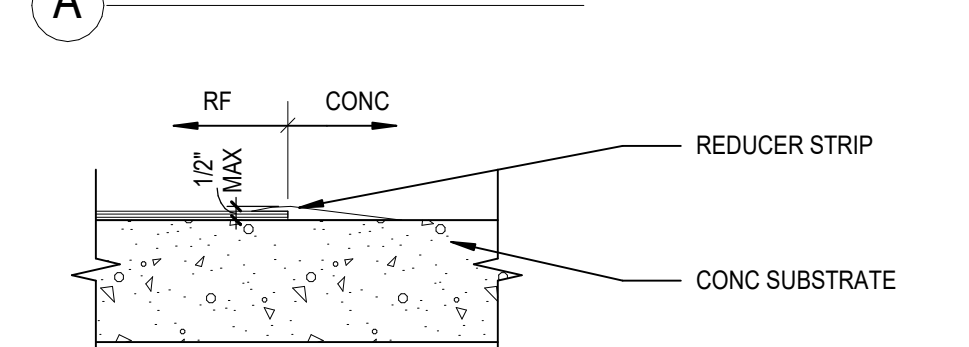
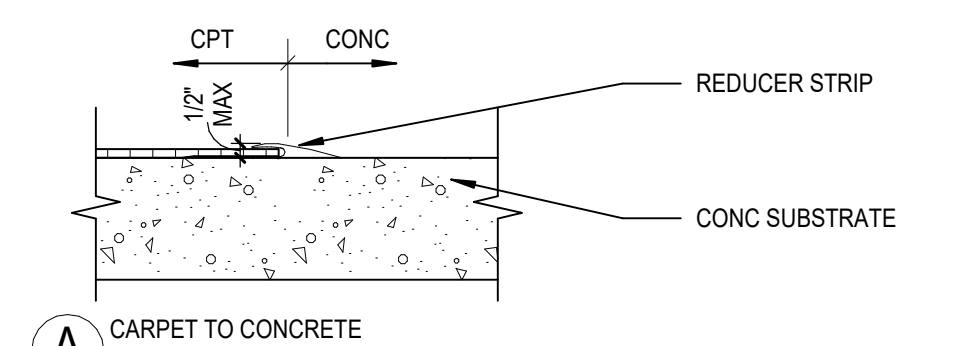
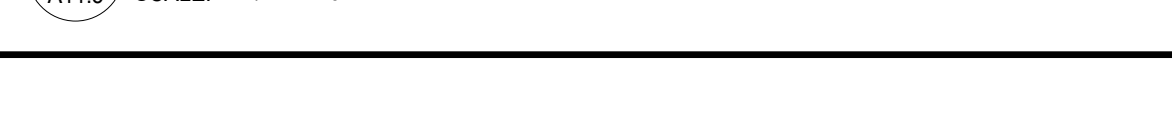
54 TYP ACOUSTIC TACKABLE PANEL SECTION

A11.5 SCALE: 3" = 1'-0"



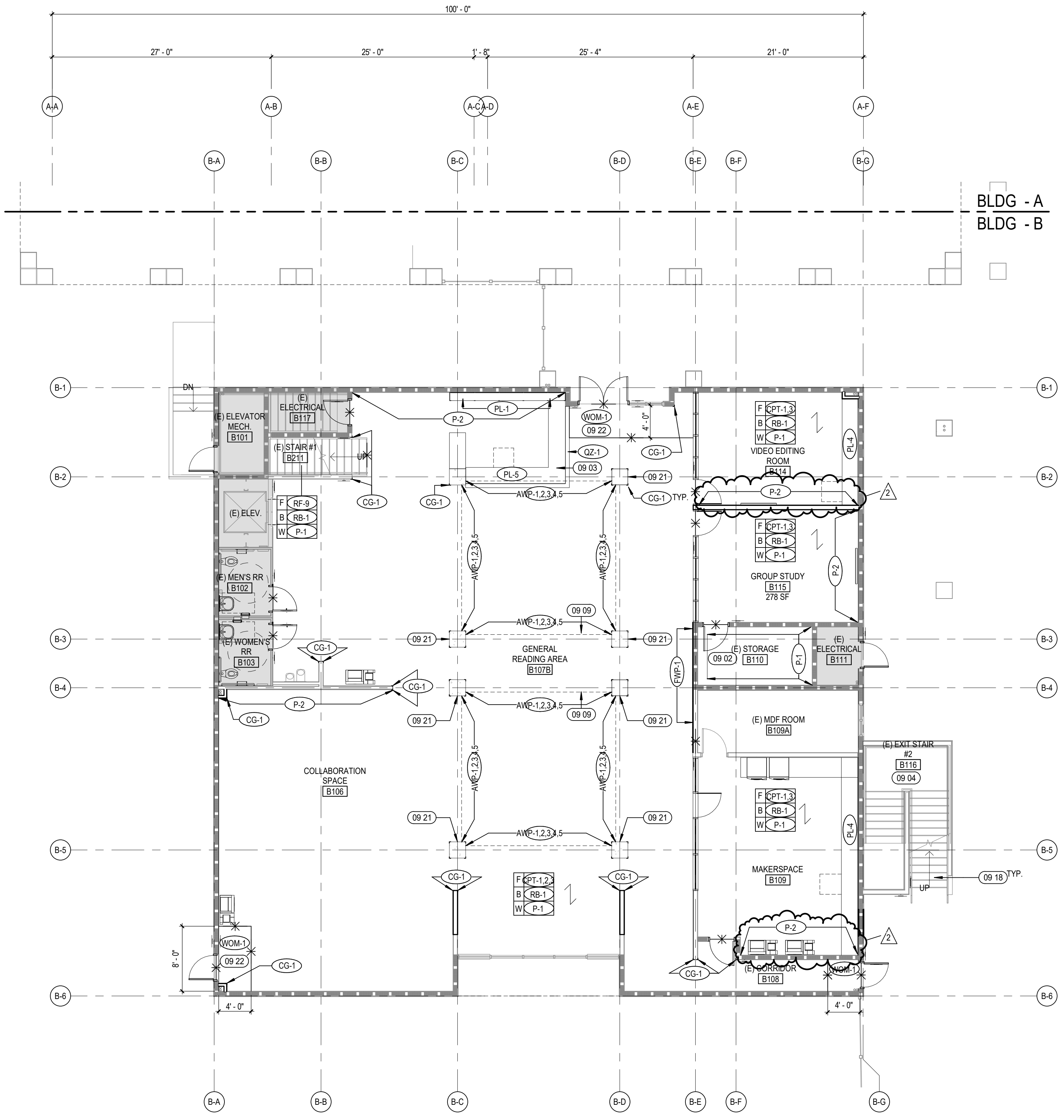
56 TYPICAL FLOOR TRANSITION DETAILS

A11.5 SCALE: 1 1/2" = 1'-0"

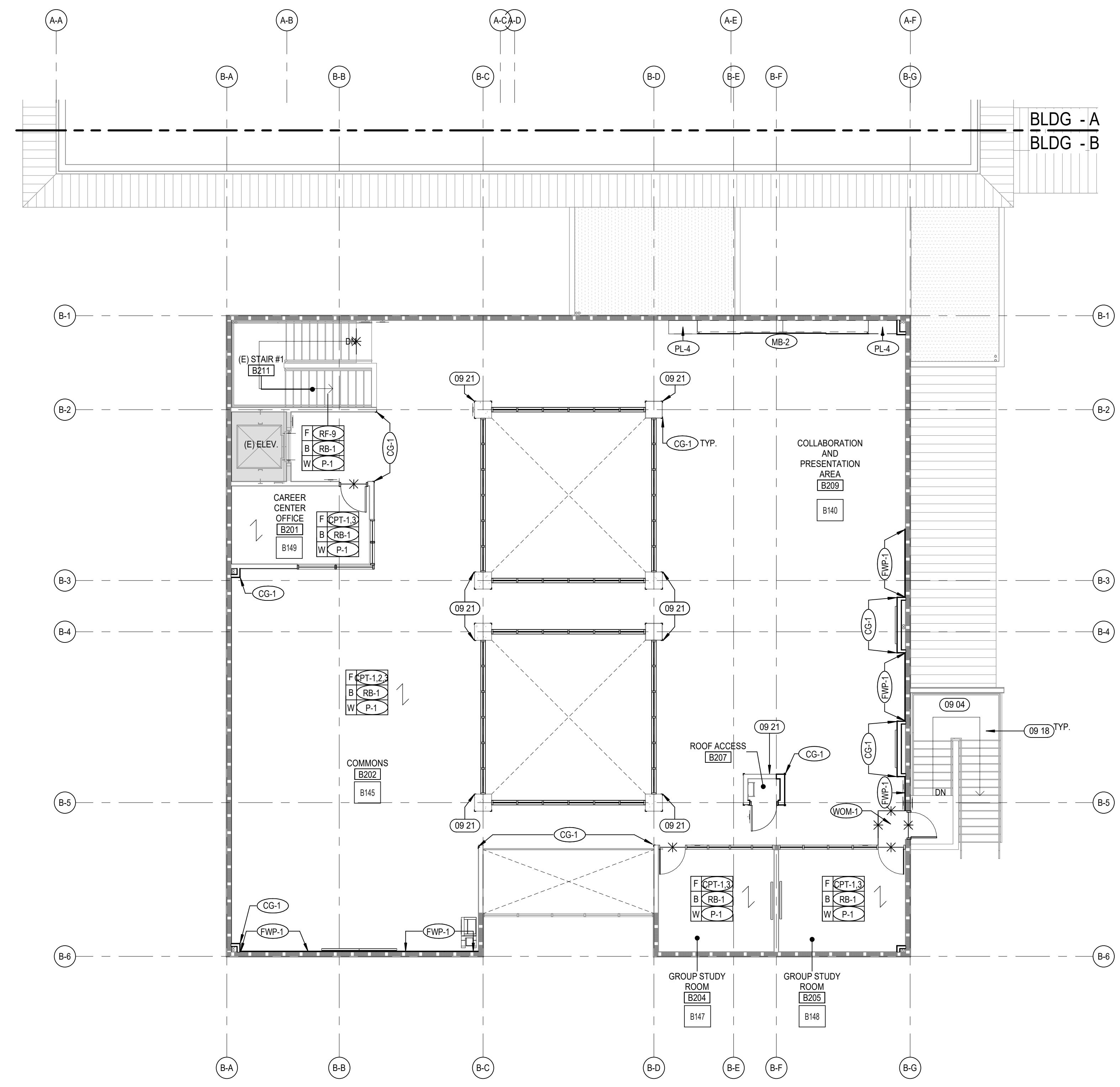


NOTE: FLOOR FINISH CHANGES SHALL OCCUR UNDER THE COMMUNICATING DOOR, UNO.

ADDEND 11/18/2022 UNIT 2
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1 BLDG B - FINISH PLAN - LEVEL 01
A12.2 SCALE: 1/8" = 1'-0"



2 BLDG B - FINISH PLAN - LEVEL 02
A12.2 SCALE: 1/8" = 1'-0"

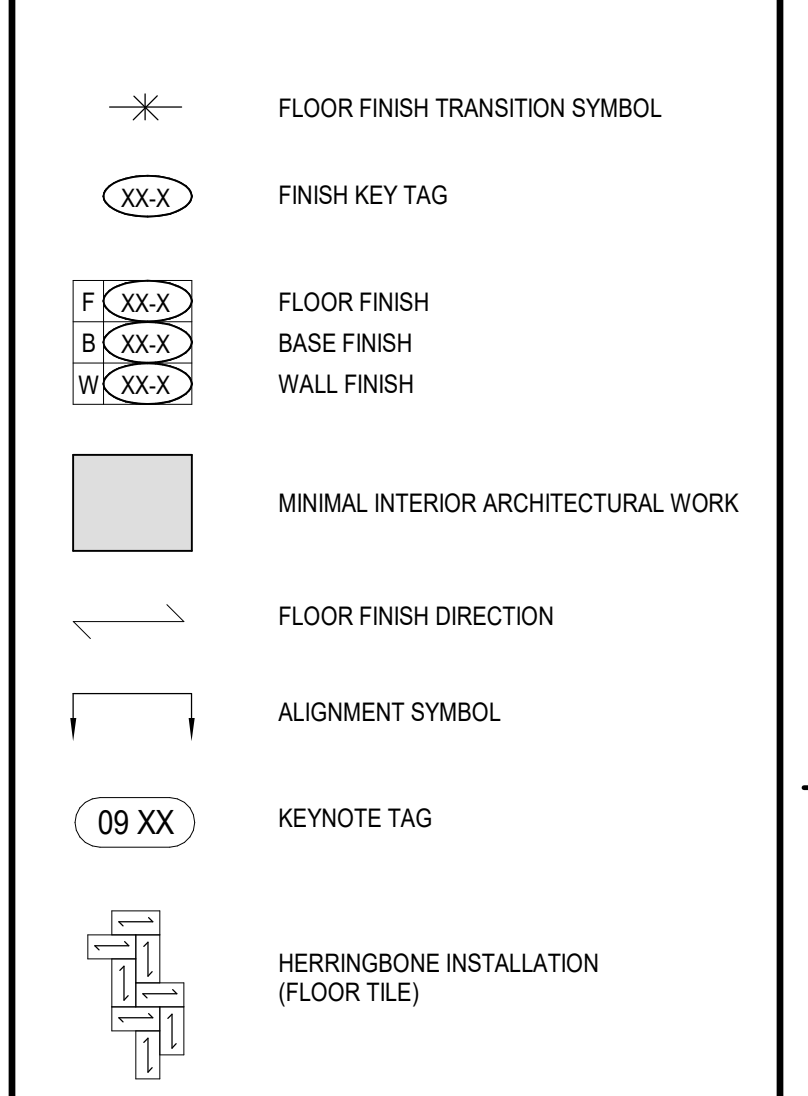
KEYNOTES

- 09 02 WALLS TO RECEIVE NEW PAINT P-1; THE REST OF THE FINISHES TO REMAIN AS EXISTING
- 09 03 SEE INTERIOR ELEVATION FOR DETAILS
- 09 04 NEW PAINT AT EXTERIOR WALLS; REFER TO EXTERIOR ELEVATIONS FOR DETAILS
- 09 09 ACOUSTICAL WALL PANELS ABOVE ATRIUM AREAS; REFER TO ELEVATIONS FOR DETAILS
- 09 18 SLIP-RESISTANT COATING AT EXTERIOR ELEVATED WALKWAYS, STAIRS AND LANDINGS. SEE TRAFFIC COATING SPEC. SECTION.
- 09 21 PROVIDE CORNER GUARD CG-1 AT ALL OUTSIDE CORNERS
- 09 22 PROVIDE FULL SIZED CARPET TILE WITH MINIMAL CUTTING TO FIT IN THE WALKUP REGION

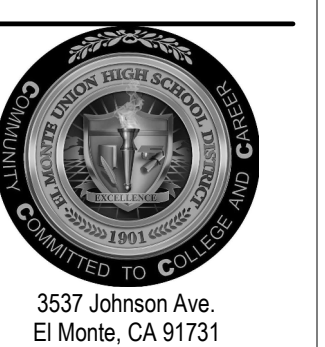
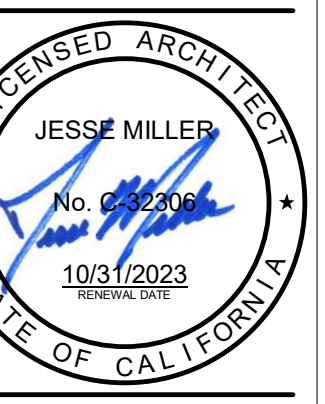
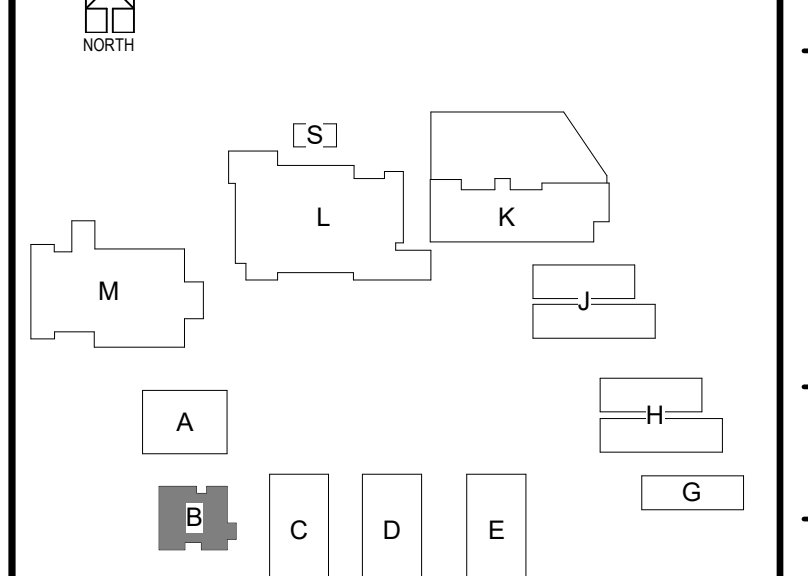
INTERIOR FINISH PLAN GENERAL NOTES

- A. INTERIOR PLAN GENERAL NOTES APPLY TO ALL INTERIOR FLOOR FINISH PLAN SHEETS.
- B. NOT ALL FLOOR FINISHES ARE NOTED ON THE INTERIOR FINISH PLANS. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- C. FLOOR PATTERN DIMENSIONS AND LOCATIONS ARE APPROXIMATE. MINOR ADJUSTMENTS MAY BE MADE FOR LAYOUT AND TO MINIMIZE WASTE AS LONG AS THE DESIGN INTENT IS MAINTAINED.
- D. FOR FLOOR TILE PRODUCTS, ADJUST LAYOUT AS NECESSARY TO AVOID USING CUT WIDTHS THAT EQUAL LESS THAN ONE-HALF OF A TILE AT ROOM PERIMETER.
- E. ALL FINISHES SHALL COMPLY WITH CBC 2019 CHAPTER 8 REQUIREMENTS.
- F. WHERE FLOOR FINISH CHANGES FROM ONE ROOM TO ANOTHER, SET JOINT OF THE MATERIALS AT THE CENTER OF THE COMMUNICATING DOOR.
- G. CARPET PATTERN TO ALIGN AT ALL SEAMS WITH ADJOINING CARPET. PROVIDE SEAMING DIAGRAM TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING CARPET.
- H. VERIFY LEAD TIMES FOR ALL MATERIALS TO ENSURE TIMELY DELIVERY.
- I. CONTRACTOR SHALL COORDINATE WORK OF ALL FLOORING SUBCONTRACTORS TO ENSURE THAT ALL VARYING FLOOR MATERIALS USED ARE INSTALLED FLUSH. ALL TRANSITION METHODS AS INDICATED PER TRANSITION DETAILS.
- J. CONTRACTOR SHALL CHECK AND VERIFY CONDITIONS AT JOB SITE AND REQUEST CLARIFICATION FROM THE ARCHITECT OF ANY POSSIBLE CONFLICTS BETWEEN DRAWINGS AND FIELD CONDITIONS BEFORE COMMENCING ANY WORK.
- K. CONTRACTOR TO SUBMIT THREE (3) 12"X12" PAINT CARD AND THREE (3) SAMPLES OF ALL FINISH MATERIALS AS SPECIFIED TO OWNER AND ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT OF ORDER.
- L. ALL CARPET SHALL COMPLY WITH ASTM STANDARD E 648 AND HAVE A SPECIFIC OPTICAL DENSITY SMOKE RATINGS NOT TO EXCEED 450 PER ASTM 662, CBC 804.2.
- M. PAINTING: TYPICAL P-1 THROUGHOUT U.N.O.
- N. WALL BASE: TYPICAL RB-1 THROUGHOUT U.N.O.
- O. REFER TO FINISH SCHEDULE FOR ALL FLOOR TRANSITION SPECIFICATION.
- P. GC TO PROTECT ALL EXISTING FINISHES DURING CONSTRUCTION.
- Q. PROVIDE EDGE TRIM TR-1 AT ALL PANEL EDGES THAT MEET WITH MB-1.
- R. ALIGN WOM-1 TO THE EDGE OF DOOR FRAME / STOREFRONT MULLION WHERE OCCURS.

FLOOR FINISH PLAN LEGEND

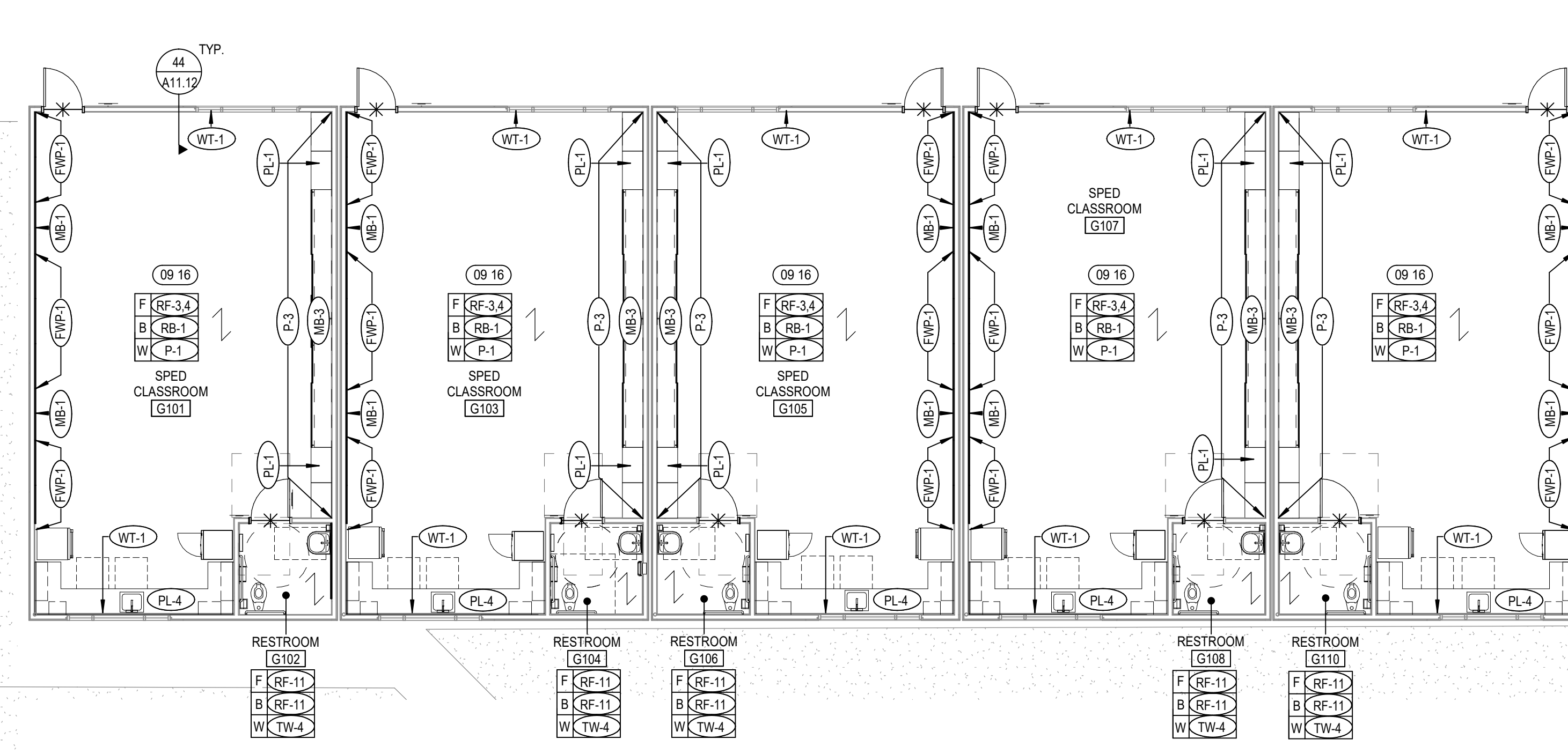
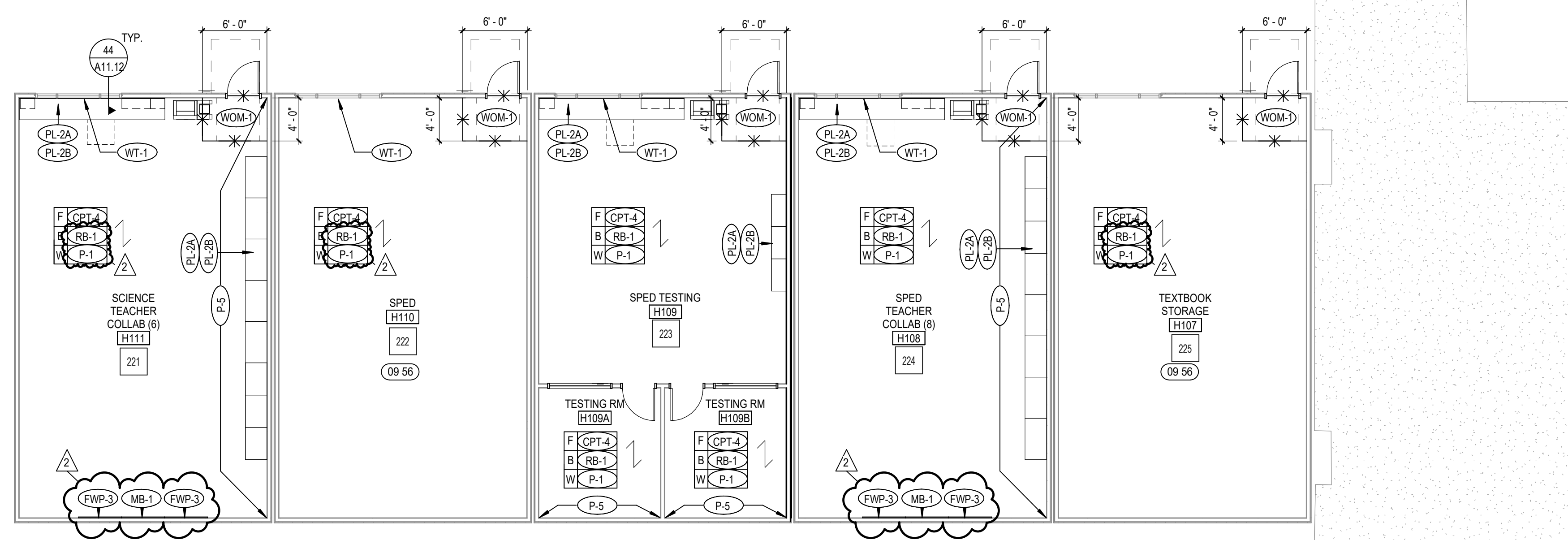


KEY PLAN

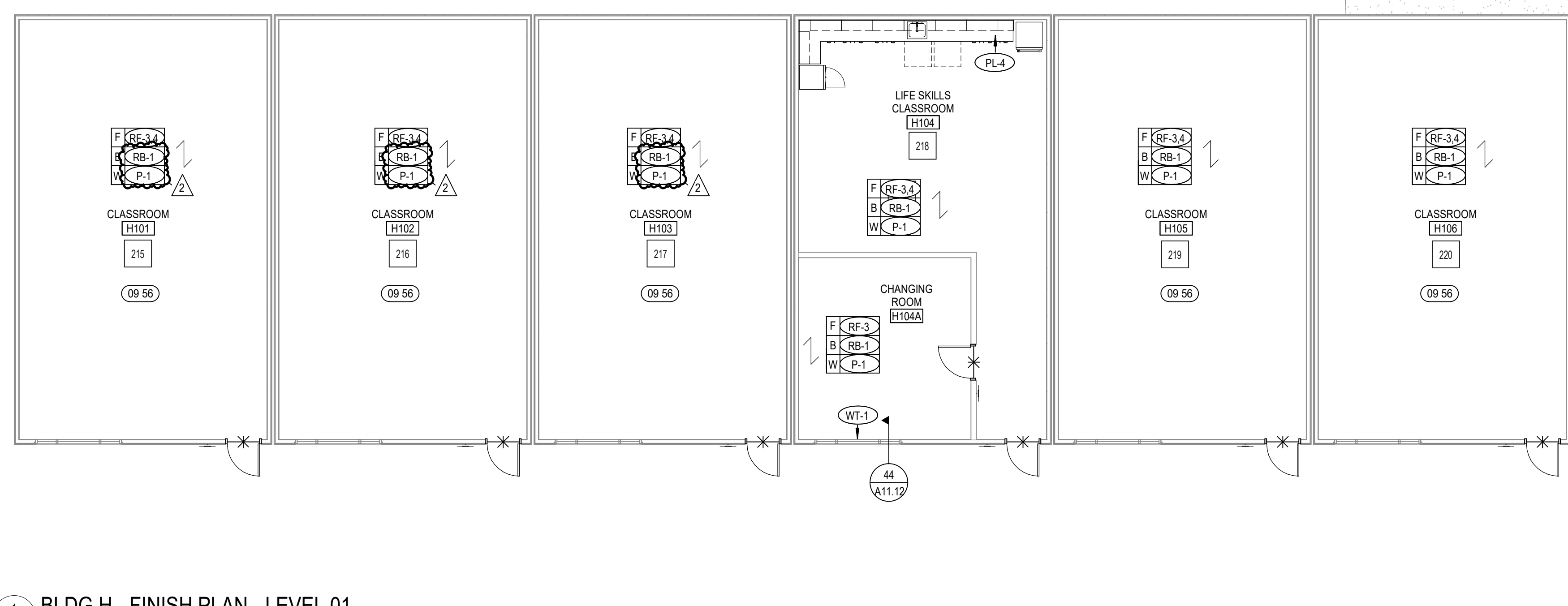


BIM 360/75-20225-00 South El Monte HS Modernization/75-20225-00_SEMHS_AR_2020.rvt 11/18/2022 5:56:07 PM

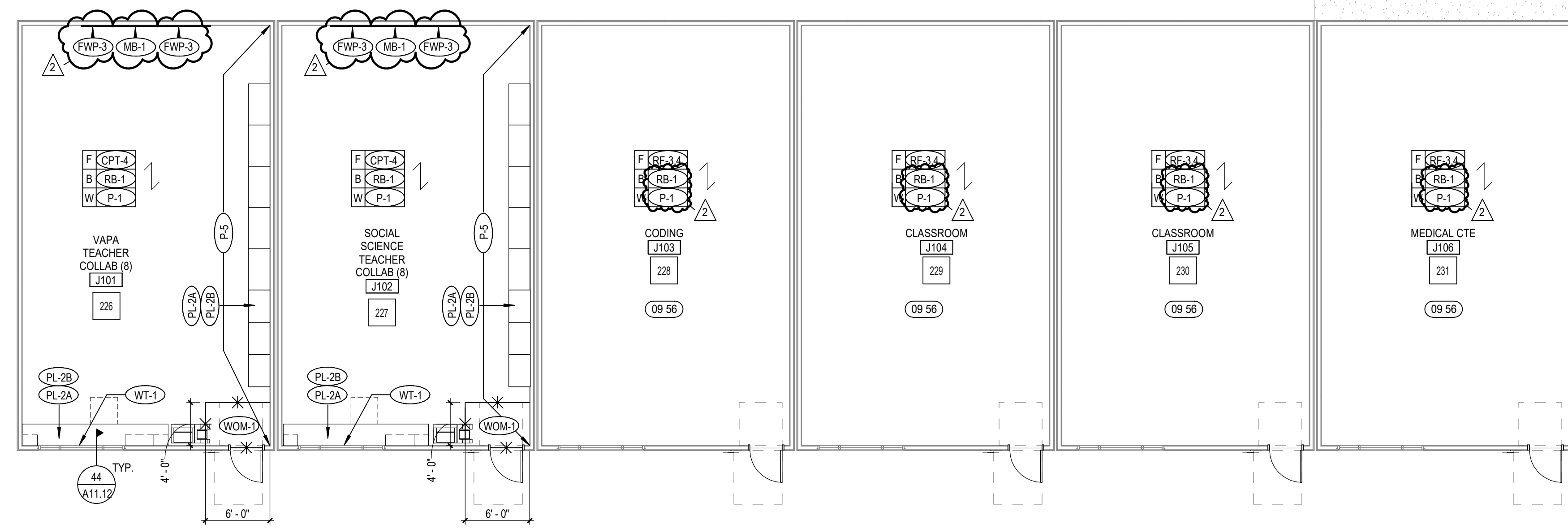
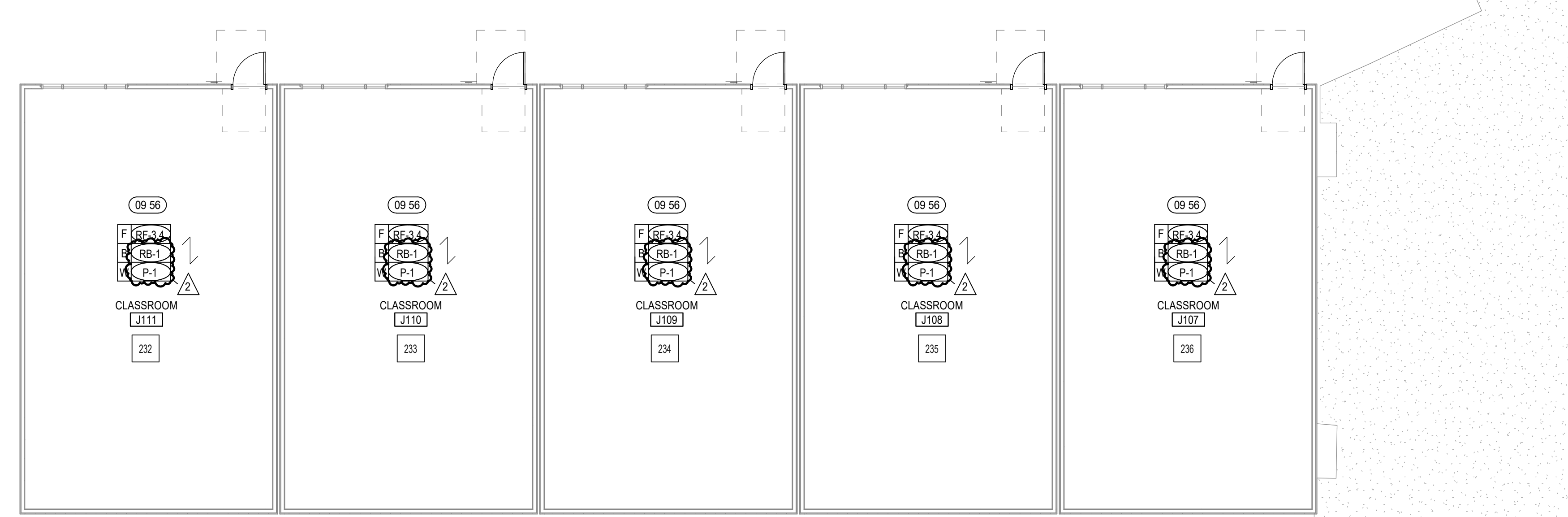
ADDEND 11/18/22 UNIT



3 BLDG G - FINISH PLAN - LEVEL 01
A12.6 SCALE: 1/8" = 1'-0"



1 BLDG H - FINISH PLAN - LEVEL 01
A12.6 SCALE: 1/8" = 1'-0"



2 BLDG J - FINISH PLAN - LEVEL 01
A12.6 SCALE: 1/8" = 1'-0"

KEYNOTES

- 09 16 CUSTOM FLOOR INSTALLATION. SEE A11.4 FOR DETAILS.
- 09 56 NEW FLOORING AT INDICATED AREA. ALL OTHER FINISHES TO REMAIN. PROTECT DURING CONSTRUCTION.

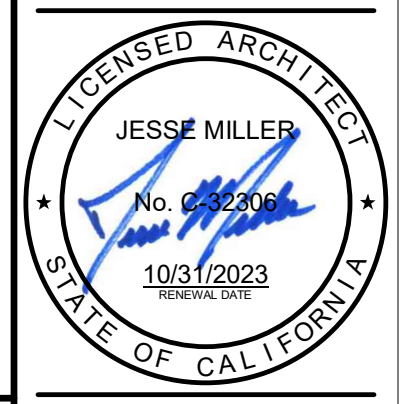
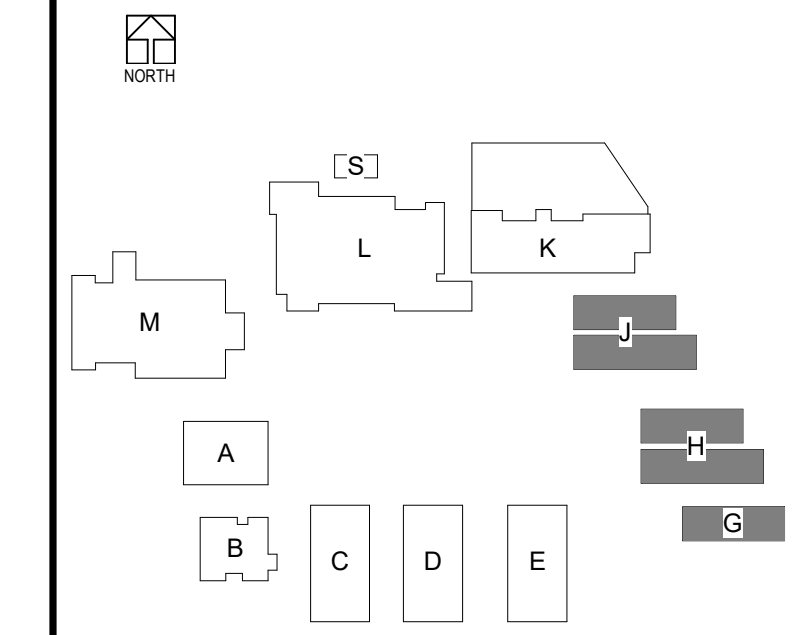
INTERIOR FINISH PLAN GENERAL NOTES

- A. INTERIOR PLAN GENERAL NOTES APPLY TO ALL INTERIOR FLOOR FINISH PLAN SHEETS.
- B. NOT ALL FLOOR FINISHES ARE NOTED ON THE INTERIOR FINISH PLANS. SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- C. FLOOR PATTERN DIMENSIONS AND LOCATIONS ARE APPROXIMATE. MINOR ADJUSTMENTS MAY BE MADE FOR LAYOUT AND TO MINIMIZE WASTE AS LONG AS THE DESIGN INTENT IS MAINTAINED.
- D. FOR FLOOR TILE PRODUCTS, ADJUST LAYOUT AS NECESSARY TO AVOID USING CUT WIDTHS THAT EQUAL LESS THAN ONE-HALF OF A TILE AT ROOM PERIMETER.
- E. ALL FINISHES SHALL COMPLY WITH CBC 2019 CHAPTER 8 REQUIREMENTS.
- F. WHERE FLOOR FINISH CHANGES FROM ONE ROOM TO ANOTHER, SET JOINT OF THE MATERIALS AT THE CENTER OF THE COMMUNICATING DOOR.
- G. CARPET PATTERN TO ALIGN AT ALL SEAMS WITH ADJOINING CARPET. PROVIDE SEAMING DIAGRAM TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING CARPET.
- H. VERIFY LEAD TIMES FOR ALL MATERIALS TO ENSURE TIMELY DELIVERY.
- I. CONTRACTOR SHALL COORDINATE WORK OF ALL FLOORING SUBCONTRACTORS TO ENSURE THAT ALL VARYING FLOOR MATERIALS USED ARE INSTALLED FLUSH. ALL TRANSITION METHODS AS INDICATED PER TRANSITION DETAILS.
- J. CONTRACTOR SHALL CHECK AND VERIFY CONDITIONS AT JOB SITE AND REQUEST CLARIFICATION FROM THE ARCHITECT OF ANY POSSIBLE CONFLICTS BETWEEN DRAWINGS AND FIELD CONDITIONS BEFORE COMMENCING ANY WORK.
- K. CONTRACTOR TO SUBMIT THREE (3) 12"X12" PAINT CARD AND THREE (3) SAMPLES OF ALL FINISH MATERIALS AS SPECIFIED TO OWNER AND ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT OF ORDER.
- L. ALL CARPET SHALL COMPLY WITH ASTM STANDARD E 648 AND HAVING A SPECIFIC OPTICAL DENSITY SMOKE RATINGS NOT TO EXCEED 450 PER ASTM 662, CBC 804.4.2.
- M. PAINTING: TYPICAL P-1 THROUGHOUT U.N.O.
- N. WALL BASE: TYPICAL RB-1 THROUGHOUT U.N.O.
- O. REFER TO FINISH SCHEDULE FOR ALL FLOOR TRANSITION SPECIFICATION.
- P. GC TO PROTECT ALL EXISTING FINISHES DURING CONSTRUCTION.
- Q. PROVIDE EDGE TRIM TR-1 AT ALL PANEL EDGES THAT MEET WITH MB-1.
- R. ALIGN WOM-1 TO THE EDGE OF DOOR FRAME / STOREFRONT MULLION WHERE OCCURS.

FLOOR FINISH PLAN LEGEND

- FLOOR FINISH TRANSITION SYMBOL
- FINISH KEY TAG
- FLOOR FINISH
- BASE FINISH
- WALL FINISH
- MINIMAL INTERIOR ARCHITECTURAL WORK
- FLOOR FINISH DIRECTION
- ALIGNMENT SYMBOL
- KEYNOTE TAG
- HERRINGBONE INSTALLATION (FLOOR TILE)

KEY PLAN



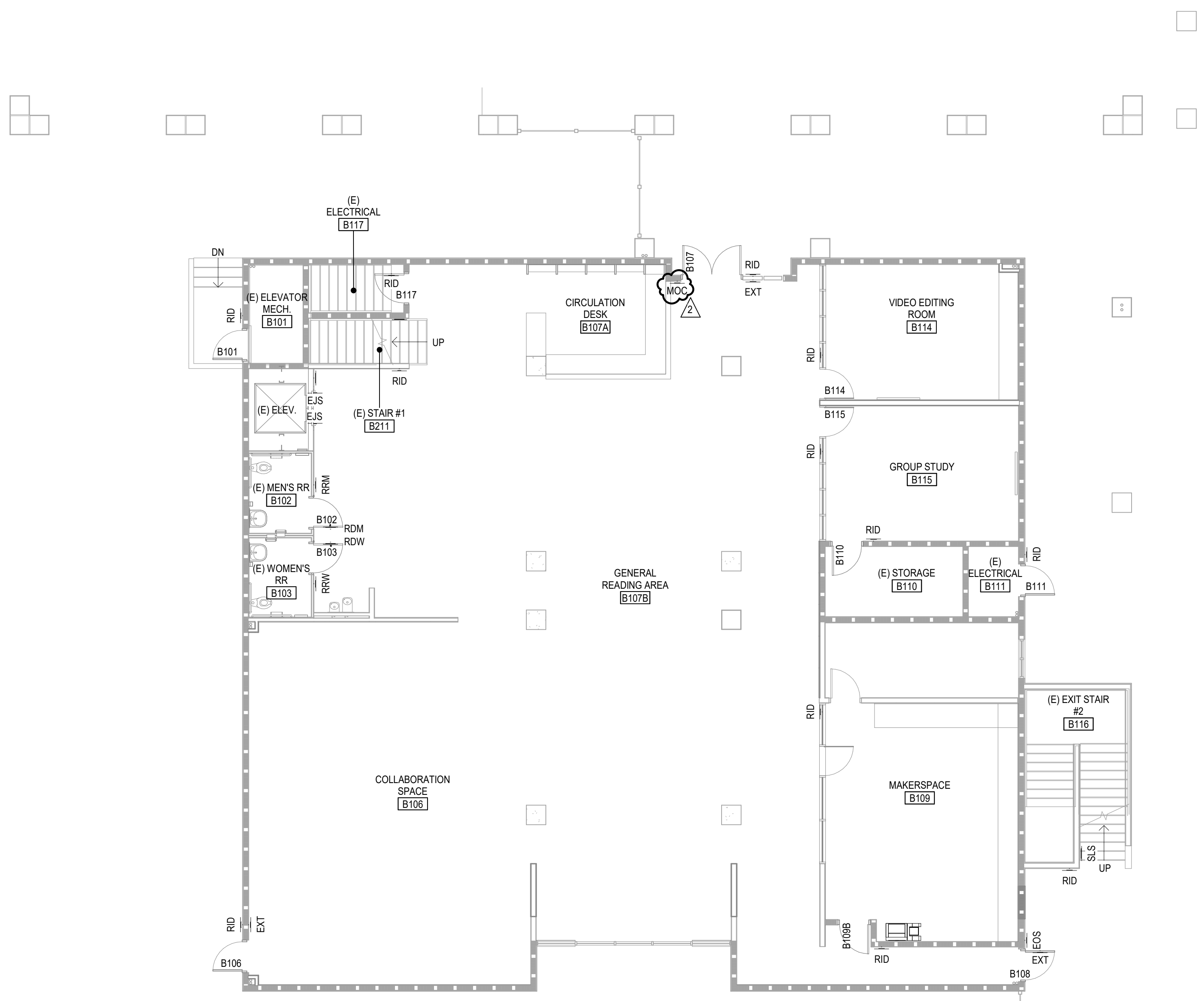
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SIGN SCHEDULE - BLDG B				
Sign Type	Room #	Door #	Detail	Sign Comments
EEO	B107B	ELEV	46/CP1.11	
EEO	ELEV	ELEV (LEVEL 2)	46/CP1.11	
EJS	ELEV	ELEV	53/CP1.11	
EJS	ELEV	ELEV	53/CP1.11	
EJS	ELEV	ELEV (LEVEL 2)	53/CP1.11	
EJS	ELEV	ELEV (LEVEL 2)	53/CP1.11	
EJS	B108	B108	55/CP1.11	
ESD	B116	B209	53/CP1.11	
ESD	B211	STAIR (LEVEL 2)	53/CP1.11	
EXT	B107B	B107	53/CP1.11	
EXT	B106	B106	53/CP1.11	
EXT	B107B	B108	53/CP1.11	
MOC	B209	ROOM	53/CP1.11	
MOC	B107B	B107	53/CP1.11	
MOC	B102	B102	51/CP1.11	
RDW	B103	B103	51/CP1.11	
RDW	B117	B117	55/CP1.11	
RID	B101	B101	55/CP1.11	
RID	B107B	B107	55/CP1.11	
RID	B114	B114	55/CP1.11	
RID	B115	B115	55/CP1.11	
RID	B110	B110	55/CP1.11	
RID	B111	B111	55/CP1.11	
RID	B109	B109B	55/CP1.11	
RID	B109	B109A	55/CP1.11	
RID	B106	B106	55/CP1.11	
RID	B207	B207	55/CP1.11	
RID	B204	B204	55/CP1.11	
RID	B205	B205	55/CP1.11	
RID	B201	B201	55/CP1.11	
RID	B116	B209	55/CP1.11	
RID	B211	STAIR (LEVEL 2)	55/CP1.11	
RID	B226	STAIR	55/CP1.11	
RID	B211	STAIR	55/CP1.11	
RRW	B102	B102	51/CP1.11	
RRW	B103	B103	51/CP1.11	
SFI	B107B	B108	53/CP1.11	
SFI	B116	B209	53/CP1.11	
SFI	B211	STAIR (LEVEL 2)	53/CP1.11	
SFI	B211	STAIR	53/CP1.11	
SLS	B107B	B108	53/CP1.11	
SLS	B211	STAIR (LEVEL 2)	53/CP1.11	
SLS	B116	B209	53/CP1.11	
SLS	B211	STAIR	53/CP1.11	

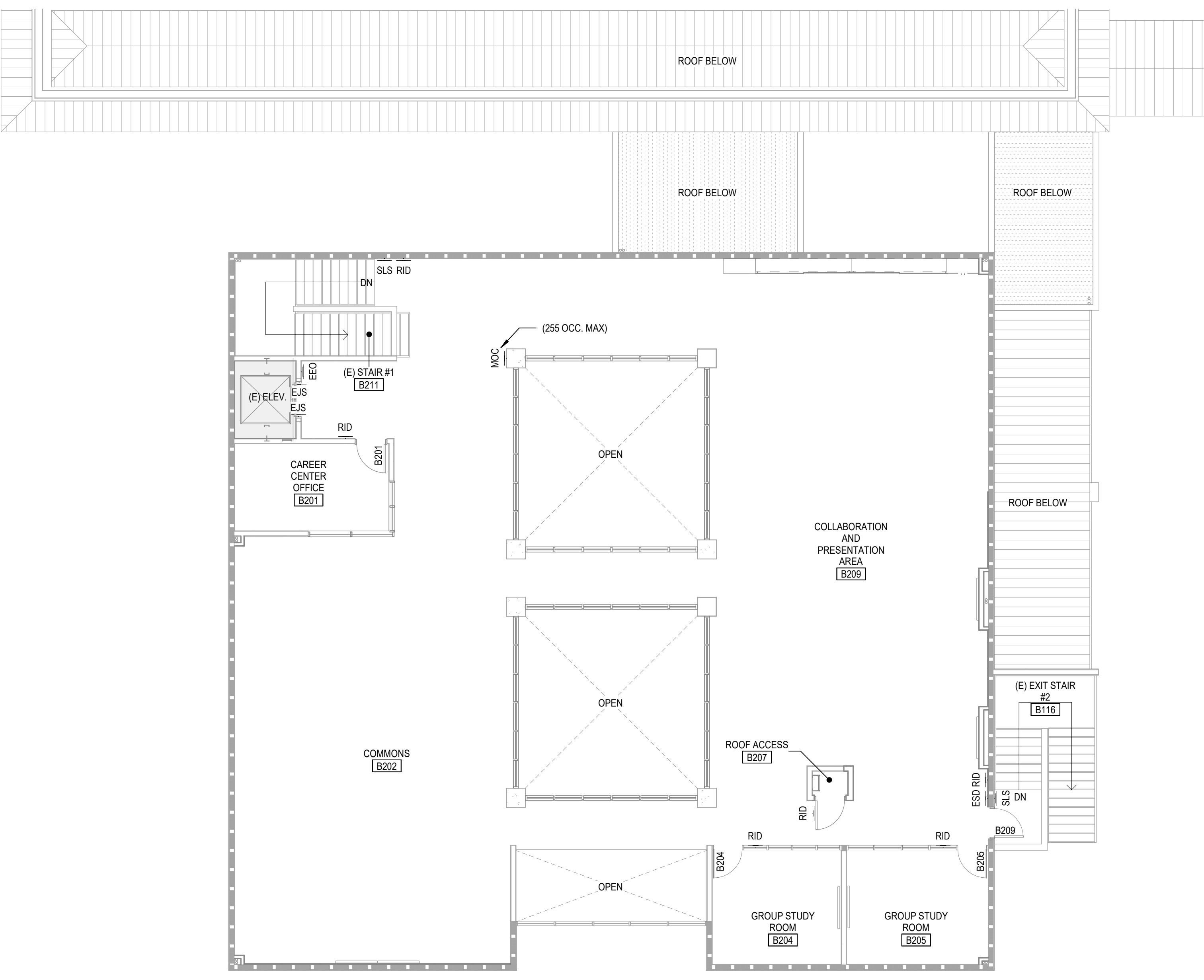
SIGNAGE GENERAL NOTES

- A. SEE CODE PLAN SHEETS CP1.10 AND CP1.11 FOR MORE SIGNAGE INFORMATION.
- B. PROVIDE BACKING TO SIGNAGE AS REQUIRED.
- C. REFER TO CFC 605.3.1 FOR ELEC ROOM REQUIREMENTS & SIGNAGE.
- D. REFER TO CFC 2703.5 & 2703.6 FOR HAZARDOUS MATERIALS IDENTIFICATION SIGNAGE REQUIREMENTS.
- E. ANY ROOM HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSON, WHERE FIXED SEATS ARE NOT INSTALLED, AND WHICH ARE USED FOR ASSEMBLY, SHALL HAVE THE CAPACITY OF THE ROOM POSTED IN A CONSPICUOUS PLACE NEAR THE MAIN EXIT PER CCR TITLE 19, SECTION 3.30.
- F. FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, AND SMOKE PARTITIONS, OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS, SHALL FOLLOW PROVISIONS UNDER CBC 703.6.
- G. FOR SIGNAGE MOUNTING ON WALLS AND GLASS, SEE DETS. 53/CP1.11 & 13/CP1.11.

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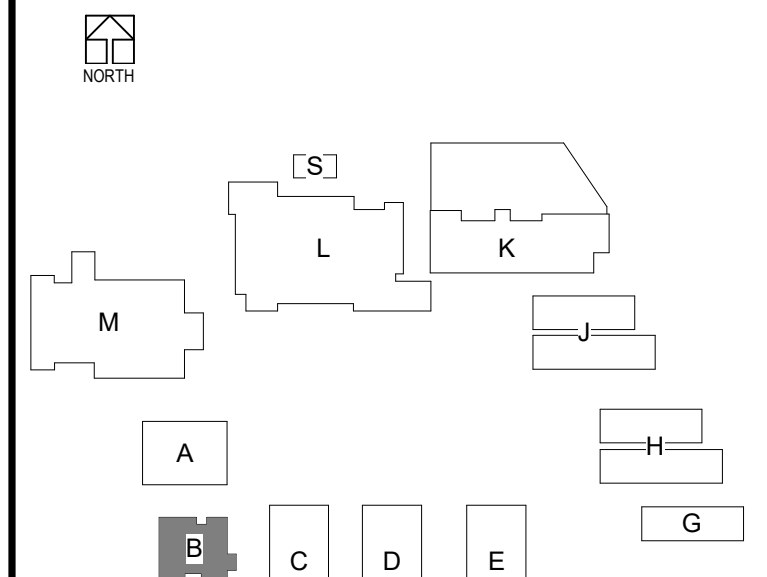


1 BLDG B - LEVEL 01 - SIGNAGE
 A14.B1 SCALE: 1/8" = 1'-0"



2 BLDG B - LEVEL 02 - SIGNAGE
 A14.B1 SCALE: 1/8" = 1'-0"

KEY PLAN



SIGNAGE PLAN - BLDG B
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91733

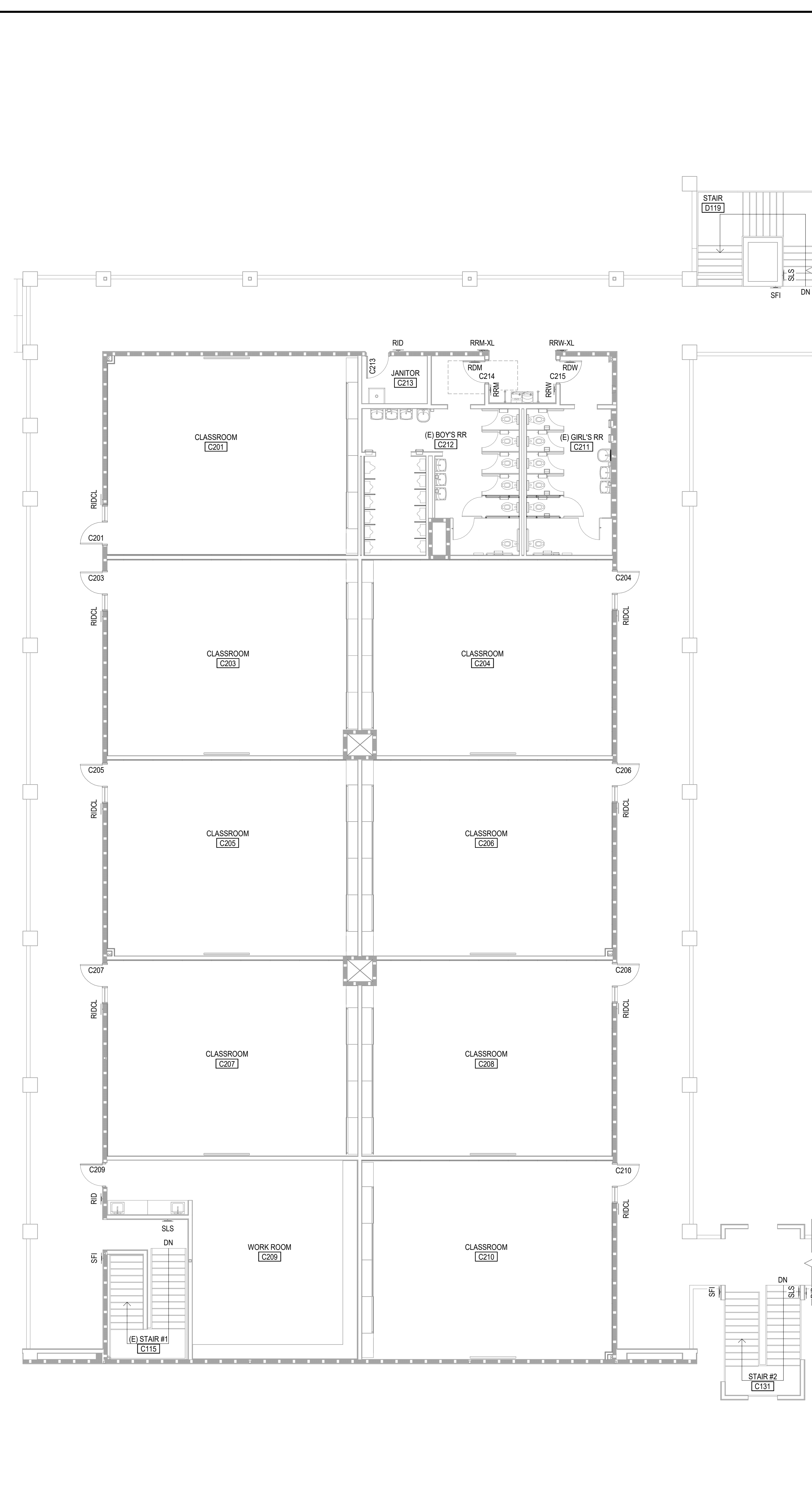
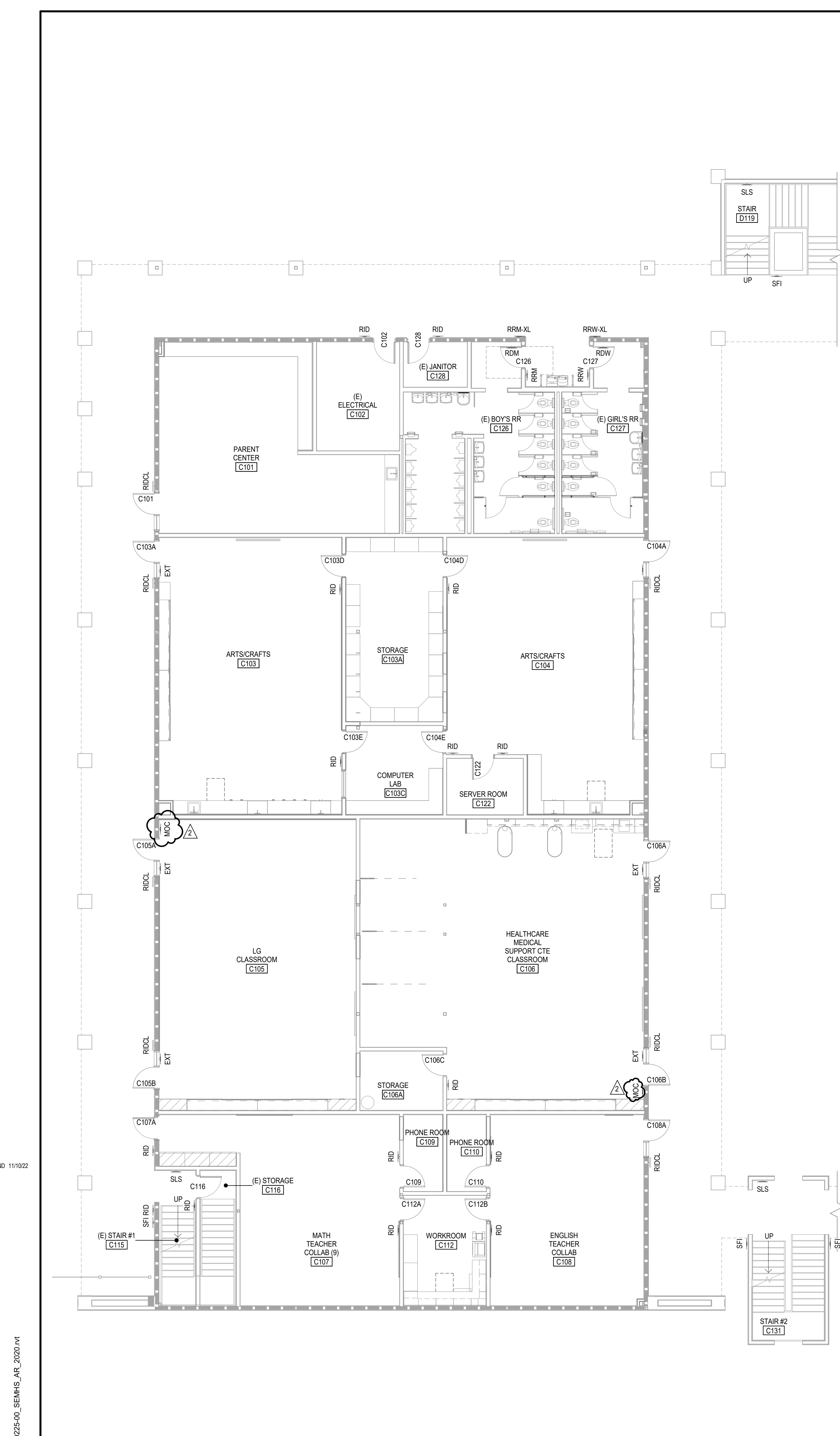
100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



3537 Johnson Ave,
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

A14.B1

BLDG B - LEVEL 01 - SIGNAGE
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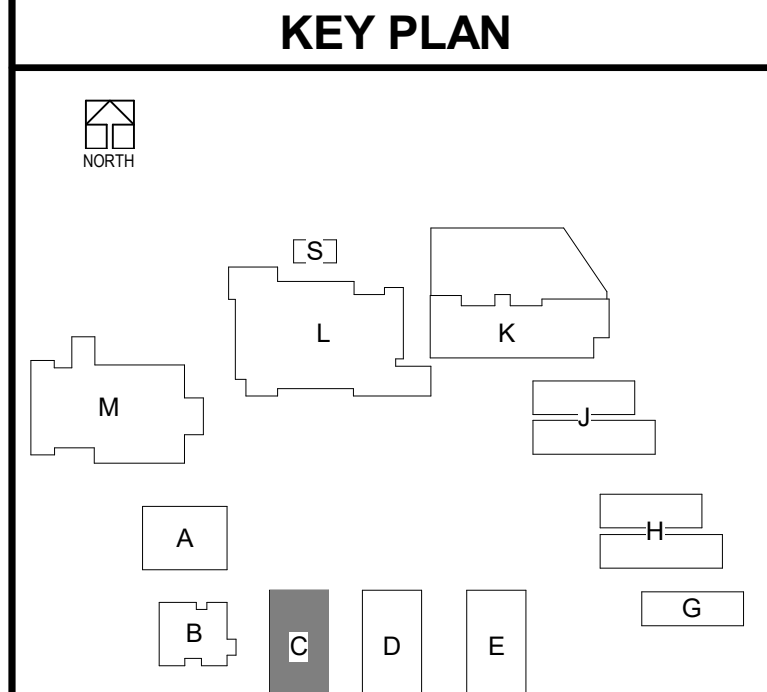


SIGN SCHEDULE - BLDG C				
Sign Type	Room #	Door #	Detail	Sign Comments
ESD	C131	STAIR (LEVEL 2)	53CP1.11	
ESD	D119	STAIR (LEVEL 2)	53CP1.11	
EXT	C103	C103A	53CP1.11	
EXT	C103	C104A	53CP1.11	
EXT	C105	C105B	53CP1.11	
EXT	C105	C105A	53CP1.11	
EXT	C106	C106B	53CP1.11	
EXT	C106	C106A	53CP1.11	
EXT	C106	C106C	53CP1.11	
MOC	C106	C106A	53CP1.11	
MOC	C106	C106B	53CP1.11	
MOC	C106	C106C	53CP1.11	
RDM	C126	C126	51CP1.11	
RDW	C212	C214	51CP1.11	
RDW	C211	C215	51CP1.11	
RDW	EXTERIOR	C127	51CP1.11	
RID	C102	C102	55CP1.11	
RID	C103A	C103D	55CP1.11	
RID	C105A	C104D	55CP1.11	
RID	C103C	C103E	55CP1.11	
RID	C103C	C104E	55CP1.11	
RID	C106A	C106C	55CP1.11	
RID	C107	C107A	55CP1.11	
RID	C108	C108A	55CP1.11	
RID	C109	C109	55CP1.11	
RID	C112	C112B	55CP1.11	
RID	C112	C112A	55CP1.11	
RID	C115	STAIR	55CP1.11	
RID	C115	STAIR (LEVEL 2)	55CP1.11	
RID	C116	C116	55CP1.11	
RID	C122	C122	55CP1.11	
RID	C128	C128	55CP1.11	
RID	C131	STAIR	55CP1.11	
RID	C131	STAIR (LEVEL 2)	55CP1.11	
RID	C209	C209	55CP1.11	
RID	C213	C213	55CP1.11	
RID	D119	STAIR	55CP1.11	
RID	D119	STAIR (LEVEL 2)	55CP1.11	
RIDDL	C101	C101	44CP1.10	C101 SEE ELEVATIONS
RIDDL	C103	C103A	44CP1.10	C103 SEE ELEVATIONS
RIDDL	C104	C104A	44CP1.10	C104 SEE ELEVATIONS
RIDDL	C105	C105A	44CP1.10	C105 SEE ELEVATIONS
RIDDL	C105	C105B	44CP1.10	C105 SEE ELEVATIONS
RIDDL	C106	C106B	44CP1.10	C106 SEE ELEVATIONS
RIDDL	C106	C106A	44CP1.10	C106 SEE ELEVATIONS
RIDDL	C108	C108A	44CP1.10	C108 SEE ELEVATIONS
RIDDL	C201	C201	44CP1.10	C201 SEE ELEVATIONS
RIDDL	C203	C203	44CP1.10	C203 SEE ELEVATIONS
RIDDL	C204	C204	44CP1.10	C204 SEE ELEVATIONS
RIDDL	C205	C205	44CP1.10	C205 SEE ELEVATIONS
RIDDL	C206	C206	44CP1.10	C206 SEE ELEVATIONS
RIDDL	C207	C207	44CP1.10	C207 SEE ELEVATIONS
RIDDL	C208	C208	44CP1.10	C208 SEE ELEVATIONS
RIDDL	C210	C210	44CP1.10	C210 SEE ELEVATIONS
RRM	C128	C126	51CP1.11	
RRM-XL	C126	C126	52CP1.10	
RRM-XL	C212	C214	52CP1.10	
RRW	C127	C127	51CP1.11	
RRW	C212	C214	51CP1.11	
RRW-XL	C127	C127	51CP1.10	
RRW-XL	C215	C211	51CP1.10	
SFI	C115	STAIR	53CP1.11	
SFI	C131	STAIR (LEVEL 2)	53CP1.11	
SFI	C131	STAIR	53CP1.11	
SFI	D119	STAIR (LEVEL 2)	53CP1.11	
SFI	D119	STAIR	53CP1.11	
SLS	C115	STAIR (LEVEL 2)	53CP1.11	
SLS	C131	STAIR (LEVEL 2)	53CP1.11	
SLS	D119	STAIR (LEVEL 2)	53CP1.11	
SLS	D119	STAIR (LEVEL 2)	53CP1.11	

- ### SIGNAGE GENERAL NOTES
- SEE CODE PLAN SHEETS CP1.10 AND CP1.11 FOR MORE SIGNAGE INFORMATION.
 - PROVIDE BACKING TO SIGNAGE AS REQUIRED.
 - REFER TO CFC 605.3.1 FOR ELEC ROOM REQUIREMENTS & IDENTIFICATION SIGNAGE REQUIREMENTS.
 - REFER TO CFC 2703.5 & 2703.6 FOR HAZARDOUS MATERIALS IDENTIFICATION SIGNAGE REQUIREMENTS.
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 - FOR SIGNAGE MOUNTING ON WALLS AND GLASS, SEE DETS. 53/CP1.11 & 13/CP1.11.

SIGNAGE LEGEND

ABS	ACCESSIBLE BUILDING ENTRANCE SIGN
ADS	ACCESSIBLE DIRECTIONAL SIGN
AER	ACCESSIBLE EXIT ROUTE SIGN & SYMBOL
AEX	ACCESSIBLE EXIT SIGN & SYMBOL
ALS	ASSIST LISTENING SYSTEM
AOR	AREA OF REFUGE
APES	ACCESSIBLE PARKING ENTRANCE SIGN
APS	ACCESSIBLE PARKING SIGN
ASD	ACCESSIBLE DIRECTIONS SITE SIGN
ASN	ABLE SEATING NOTICE
ASYM	ACCESSIBLE PARKING SYMBOL
AVP	ACCESSIBLE VAN PARKING
BID	BUILDING IDENTIFICATION SIGNAGE
C	COMPANION SEAT SIGN
RIDDL	DESIGNATED AISLE SEAT SIGN
DS	DIRECTIONAL SIGNAGE
EDS	ELEVATOR DIRECTIONAL SIGN
EE	EMERGENCY EXIT SIGN SIGNAGE
EM	EMERGENCY EVACUATION MAP
EEO	EMERGENCY ELEVATOR OPERATION SIGN
EJS	ELEVATOR JAMB SYMBOL SIGN
EOS	EXIT ONLY SIGNAGE
ER	EXIT ROUTE SIGNAGE
ERD	EXIT RAMP DOWN
ERU	EXIT RAMP UP
ESD	EXIT STAIR DOWN SIGNAGE
ESU	EXIT STAIR UP SIGNAGE
EXD	EXIT DIRECTIONAL SIGN
EXT	EXIT SIGNAGE
FDS	FLOOR DIRECTORY SIGN
FEK	FLOOR LEVEL EXIT
FSR	FIRE SPRINKLER RISER
GES	GAS EMERGENCY SHUT-OFF
IDS	INTERIOR DIRECTORY SIGNAGE
ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY
MOC	MAXIMUM OCCUPANCY SIGN - PER CBC 1004.3
NAE	NOT AN EXIT SIGNAGE
NCS	NO COMBUSTIBLE STORAGE
NPK	NO PARKING SIGNAGE
NSA	NO STORAGE ABOVE
NSS	NO SMOKING SIGNAGE
PHH	PUSH FOR HELP
RDA	RESTRICTED DINING AREA
RDM	RESTROOM DOOR SYMBOL - MEN
RDU	RESTROOM DOOR SYMBOL - ALL GENDER / UNISEX
RDW	RESTROOM DOOR SYMBOL - WOMEN
RID	ROOM IDENTIFICATION SIGNAGE
RIDDL	ROOM IDENTIFICATION 10" CHANNEL LETTERS SIGNAGE
RO	RESTROOM SIGNAGE
RR	RESTROOM SIGNAGE
RRB	RESTROOM - BOYS
RRD	RESTROOM - GIRLS
RPM	RESTROOM - MEN
RRM-XL	RESTROOM LARGE WALL SIGN - MEN
RRU	RESTROOM - ALL GENDER / UNISEX
RRW	RESTROOM - WOMEN
RRW-XL	RESTROOM LARGE WALL SIGN - WOMEN
SFI	TACTILE STAIR FLOOR INDICATOR
SLS	NON-TACTILE STAIR FLOOR INDICATOR
TO	TRASH ONLY



ADDEND 11/10/22
UNIT 2

BLDG C - LEVEL 01 - SIGNAGE
SCALE: 1/8" = 1'-0"

1
A14.C1

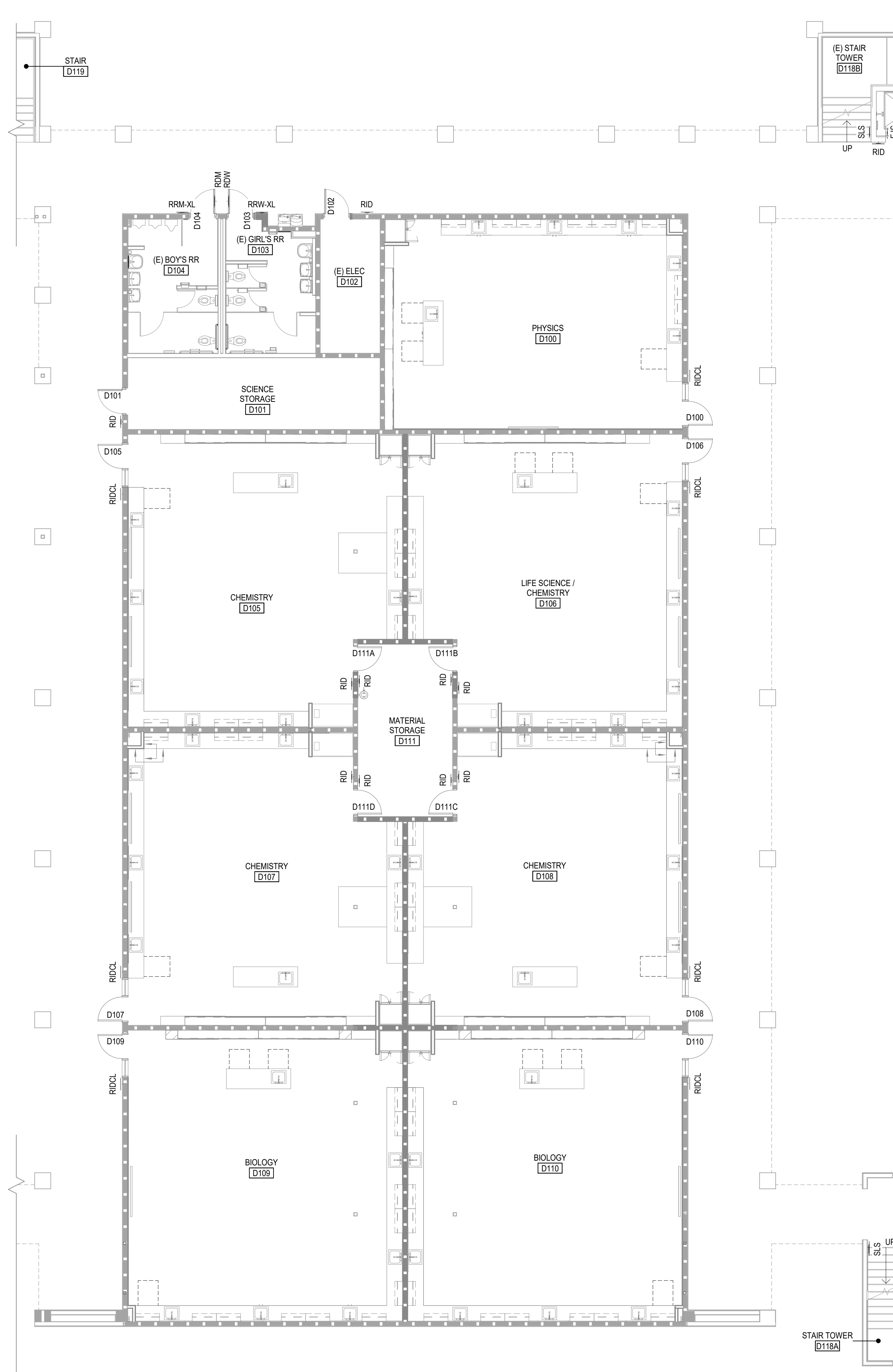
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SCALE: 1/8" = 1'-0"

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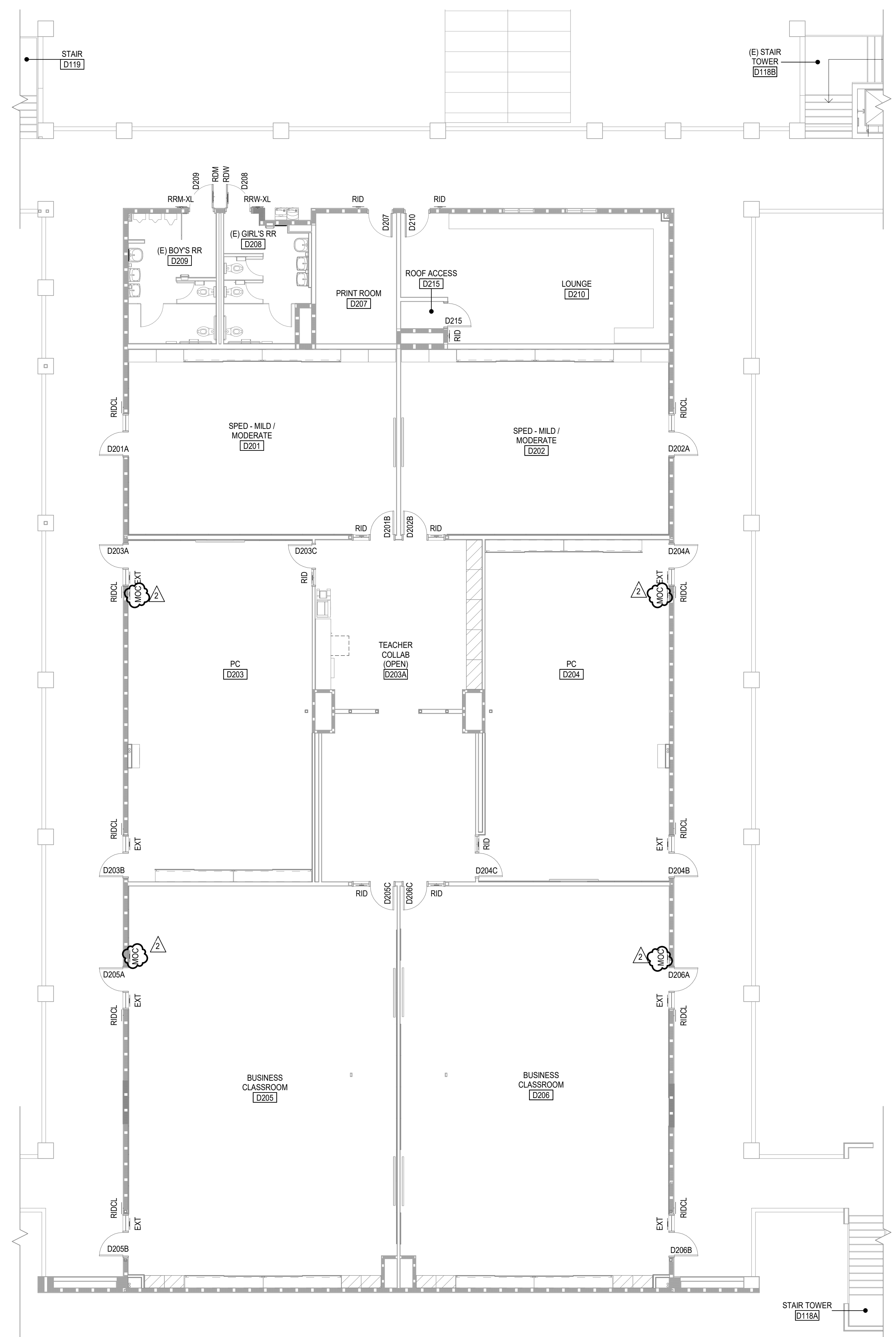
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 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10
A14.C1

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 DSA FILE #19-H10
A14.C1



1 BLDG D - LEVEL 01
SCALE: 1/8" = 1'-0"



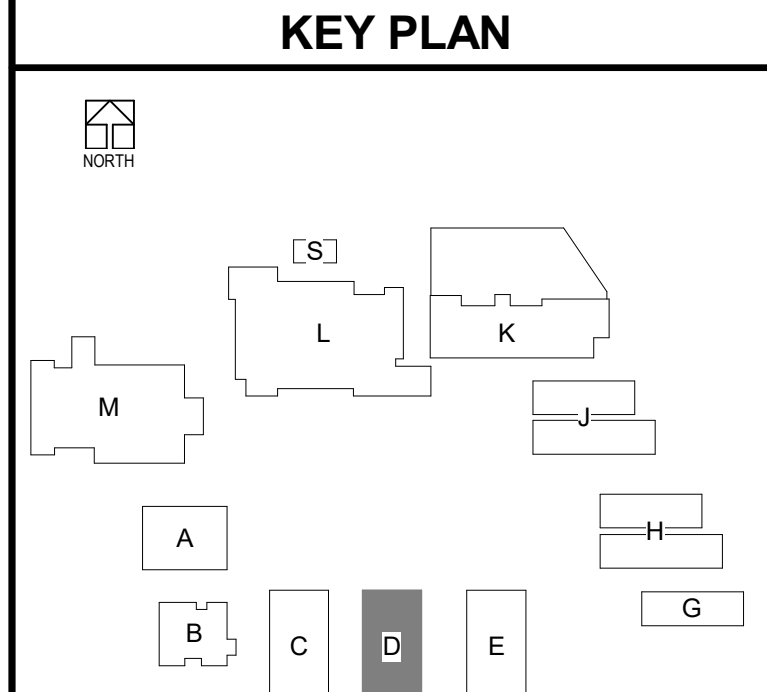
2 BLDG D - LEVEL 02 - SIGNAGE
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SIGN SCHEDULE - BLDG D				
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EJS	ELEV	ELEV (LEVEL 2)	53/CP1.11	
EJS	ELEV	ELEV	53/CP1.11	
EJS	ELEV	ELEV	53/CP1.11	
EXT	D205	D205A	53/CP1.11	
EXT	D205	D205B	53/CP1.11	
EXT	D206	D206B	53/CP1.11	
EXT	D206	D206A	53/CP1.11	
MOC	D203	D203A	53/CP1.11	
MOC	D204	D204A	53/CP1.11	
MOC	D205	D205A	53/CP1.11	
MOC	D206	D206A	53/CP1.11	
RDM	D209	D209	51/CP1.11	
ROW	D103	D103	51/CP1.11	
ROW	D208	D208	51/CP1.11	
RID	D101	D101	55/CP1.11	
RID	D102	D102	55/CP1.11	
RID	D111	D111C	55/CP1.11	
RID	D111	D111D	55/CP1.11	
RID	D111	D111A	55/CP1.11	
RID	D111	D111B	55/CP1.11	
RID	D111	D111E	55/CP1.11	
RID	D111	D111F	55/CP1.11	
RID	D111	D111G	55/CP1.11	
RID	D111	D111H	55/CP1.11	
RID	D111	D111I	55/CP1.11	
RID	D111	D111J	55/CP1.11	
RID	D111	D111K	55/CP1.11	
RID	D111	D111L	55/CP1.11	
RID	D111	D111M	55/CP1.11	
RID	D111	D111N	55/CP1.11	
RID	D111	D111O	55/CP1.11	
RID	D111	D111P	55/CP1.11	
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RID	D111	D111Y	55/CP1.11	
RID	D111	D111Z	55/CP1.11	
RID	D100	D100	44/CP1.10	D100 SEE ELEVATIONS
RID	D105	D105	44/CP1.10	D105 SEE ELEVATIONS
RID	D106	D106	44/CP1.10	D106 SEE ELEVATIONS
RID	D107	D107	44/CP1.10	D107 SEE ELEVATIONS
RID	D108	D108	44/CP1.10	D108 SEE ELEVATIONS
RID	D109	D109	44/CP1.10	D109 SEE ELEVATIONS
RID	D110	D110	44/CP1.10	D110 SEE ELEVATIONS
RID	D201	D201A	44/CP1.10	D201 SEE ELEVATIONS
RID	D202	D202A	44/CP1.10	D202 SEE ELEVATIONS
RID	D203	D203A	44/CP1.10	D203 SEE ELEVATIONS
RID	D203	D203B	44/CP1.10	D203 SEE ELEVATIONS
RID	D204	D204B	44/CP1.10	D204 SEE ELEVATIONS
RID	D204	D204A	44/CP1.10	D204 SEE ELEVATIONS
RID	D205	D205A	44/CP1.10	D205 SEE ELEVATIONS
RID	D205	D205B	44/CP1.10	D205 SEE ELEVATIONS
RID	D206	D206B	44/CP1.10	D206 SEE ELEVATIONS
RID	D206	D206A	44/CP1.10	D206 SEE ELEVATIONS
RRW-XL	D104	D104	52/CP1.10	
RRW-XL	D209	D209	52/CP1.10	
RRW-XL	D103	D103	51/CP1.10	
RRW-XL	D208	D208	51/CP1.10	
SFI	D118A	STAIR	53/CP1.11	
SFI	D118B	STAIR	53/CP1.11	
SLS	D118A	STAIR	53/CP1.11	
SLS	D118B	STAIR	53/CP1.11	

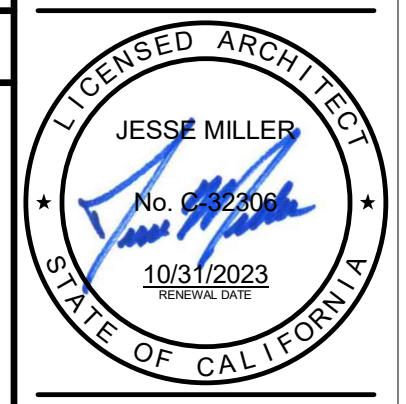
- ### SIGNAGE GENERAL NOTES
- SEE CODE PLAN SHEETS CP1.10 AND CP1.11 FOR MORE SIGNAGE INFORMATION.
 - PROVIDE BACKING TO SIGNAGE AS REQUIRED.
 - REFER TO CFC 605.3.1 FOR ELEC ROOM REQUIREMENTS & IDENTIFICATION SIGNAGE REQUIREMENTS.
 - REFER TO CFC 2703.5 & 2703.6 FOR HAZARDOUS MATERIALS IDENTIFICATION SIGNAGE REQUIREMENTS.
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 - FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, AND SMOKE PARTITIONS, OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS, SHALL FOLLOW PROVISIONS UNDER CBC 703.6.
 - FOR SIGNAGE MOUNTING ON WALLS AND GLASS, SEE DETS. 53/CP1.11 & 13/CP1.11.

SIGNAGE LEGEND

ABS	ACCESSIBLE BUILDING ENTRANCE SIGN
ADS	ACCESSIBLE DIRECTIONAL SIGN
AER	ACCESSIBLE EXIT ROUTE SIGN & SYMBOL
AEX	ACCESSIBLE EXIT SIGN & SYMBOL
ALS	ASSIST LISTENING SYSTEM
AOR	AREA OF REFUGE
APES	ACCESSIBLE PARKING ENTRANCE SIGN
APS	ACCESSIBLE PARKING SIGN
ASD	ACCESSIBLE DIRECTIONS SITE SIGN
ASN	ABLE SEATING NOTICE
ASYM	ACCESSIBLE PARKING SYMBOL
AVP	ACCESSIBLE VAN PARKING
BID	BUILDING IDENTIFICATION SIGNAGE
C	COMPANION SEAT SIGN
DA	DESIGNATED AISLE SEAT SIGN
DS	DIRECTIONAL SIGNAGE
EDS	ELEVATOR DIRECTIONAL SIGN
EE	EMERGENCY EXIT SIGN SIGNAGE
EM	EMERGENCY EVACUATION MAP
EEO	EMERGENCY ELEVATOR OPERATION SIGN
EJS	ELEVATOR JAMB SYMBOL SIGN
EOS	EXIT ONLY SIGNAGE
ER	EXIT ROUTE SIGNAGE
ERD	EXIT RAMP DOWN
ERU	EXIT RAMP UP
ESD	EXIT STAR DOWN SIGNAGE
ESU	EXIT STAR UP SIGNAGE
EXD	EXIT DIRECTIONAL SIGN
EXT	EXIT SIGNAGE
FDS	FLOOR DIRECTORY SIGN
FEX	FLOOR LEVEL EXIT
FNR	FIRE SPRINKLER RISER
GES	GAS EMERGENCY SHUT-OFF
IES	INTERIOR DIRECTORY SIGNAGE
ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY
MOC	MAXIMUM OCCUPANCY SIGN - PER CBC 1004.3
NAE	NOT AN EXIT SIGNAGE
NCS	NO COMBUSTIBLE STORAGE
NPK	NO PARKING SIGNAGE
NSA	NO STORAGE ABOVE
NSS	NO SMOKING SIGNAGE
PFH	PUSH FOR HELP
RDA	RESTRICTED DINING AREA
RDM	RESTROOM DOOR SYMBOL - MEN
RDU	RESTROOM DOOR SYMBOL - ALL GENDER / UNISEX
RDW	RESTROOM DOOR SYMBOL - WOMEN
RID	ROOM IDENTIFICATION SIGNAGE
RIDCL	ROOM IDENTIFICATION 1" CHANNEL LETTERS SIGNAGE
RO	RESTROOM SIGNAGE
RR	RESTROOM SIGNAGE
RRB	RESTROOM - BOYS
RRD	RESTROOM - GIRLS
RPM	RESTROOM - MEN
RRM-XL	RESTROOM LARGE WALL SIGN - MEN
RRU	RESTROOM - ALL GENDER / UNISEX
RRW	RESTROOM - WOMEN
RRW-XL	RESTROOM LARGE WALL SIGN - WOMEN
SFI	TACTILE STAIR FLOOR INDICATOR
SLS	NON-TACTILE STAIR FLOOR INDICATOR
TO	TRASH ONLY



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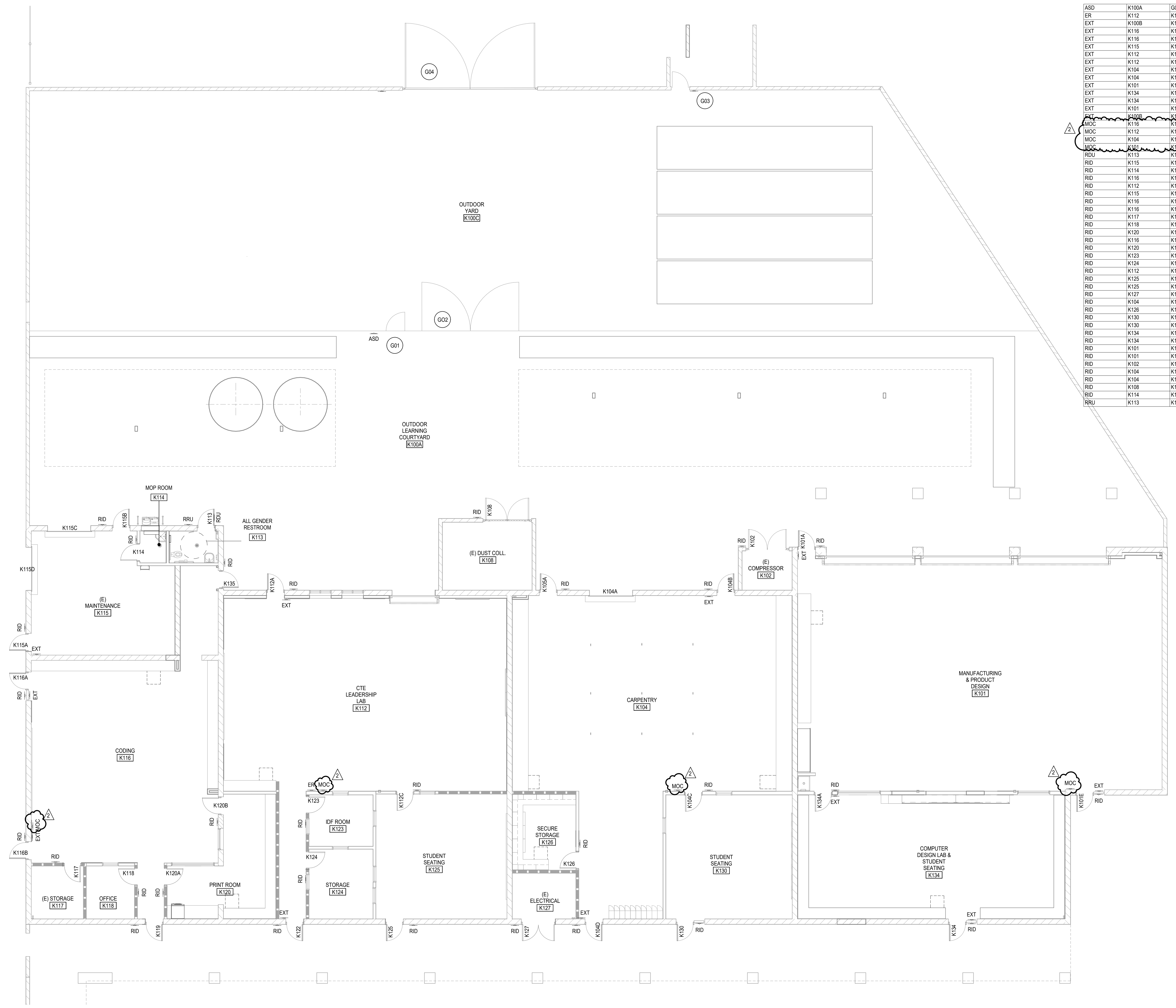
SIGNAGE PLAN - BLDG D
South El Monte HS Modernization
El Monte Union High School District
1001 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
11/18/2022 ADDENDUM 2



3537 Johnson Ave,
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #03-122081
DSA FILE #19-H10

A14.D1



SIGN SCHEDULE - BLDG K				
Sign Type	Room #	Door #	Detail	Sign Comments
ASD	K100A	G01	16CP1.10	
ER	K112	K112	53CP1.11	
EXT	K108	K108B	53CP1.11	
EXT	K116	K116A	53CP1.11	
EXT	K116	K116B	53CP1.11	
EXT	K115	K115A	53CP1.11	
EXT	K112	K112A	53CP1.11	
EXT	K112	K122	53CP1.11	
EXT	K104	K104D	53CP1.11	
EXT	K104	K104B	53CP1.11	
EXT	K101	K101A	53CP1.11	
EXT	K134	K134	53CP1.11	
EXT	K134	K134A	53CP1.11	
EXT	K101	K101E	53CP1.11	
EXT	K108	K108	53CP1.11	
MOC	K116	K116B	53CP1.11	
MOC	K112	K122	53CP1.11	
MOC	K104	K104C	53CP1.11	
MOC	K113	K113	53CP1.11	
RDU	K113	K113	51CP1.11	
RID	K115	K115B	55CP1.11	
RID	K114	K114	55CP1.11	
RID	K116	K116	55CP1.11	
RID	K116	K116	55CP1.11	
RID	K117	K117	55CP1.11	
RID	K118	K118	55CP1.11	
RID	K120	K120A	55CP1.11	
RID	K116	K119	55CP1.11	
RID	K120	K120B	55CP1.11	
RID	K123	K123	55CP1.11	
RID	K124	K124	55CP1.11	
RID	K112	K122	55CP1.11	
RID	K125	K125	55CP1.11	
RID	K125	K112C	55CP1.11	
RID	K127	K127	55CP1.11	
RID	K104	K104D	55CP1.11	
RID	K126	K126	55CP1.11	
RID	K130	K104C	55CP1.11	
RID	K130	K130	55CP1.11	
RID	K134	K134A	55CP1.11	
RID	K134	K134	55CP1.11	
RID	K101	K101E	55CP1.11	
RID	K101	K101A	55CP1.11	
RID	K102	K102	55CP1.11	
RID	K104	K104B	55CP1.11	
RID	K104	K105A	55CP1.11	
RID	K108	K108	55CP1.11	
RID	K114	K114	55CP1.11	
RRU	K113	K113	51CP1.11	

- SIGNAGE GENERAL NOTES**
- SEE CODE PLAN SHEETS CP1.10 AND CP1.11 FOR MORE SIGNAGE INFORMATION.
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 - REFER TO CFC 605.3.1 FOR ELEC ROOM REQUIREMENTS & SIGNAGE.
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JESSE MILLER
 No. 52288
 10/31/2023
 STATE OF CALIFORNIA

SIGNAGE PLAN - BLDG K
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave., South El Monte, CA 91733

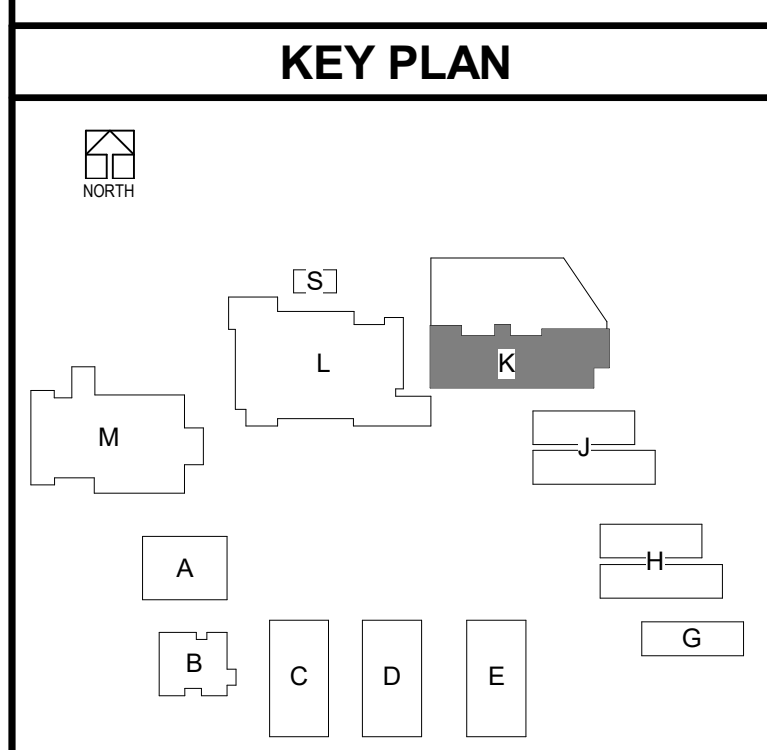
100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



3537 Johnson Ave.
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

A14.K1

BLDG K - LEVEL 01 - SIGNAGE
 SCALE: 1/8" = 1'-0"

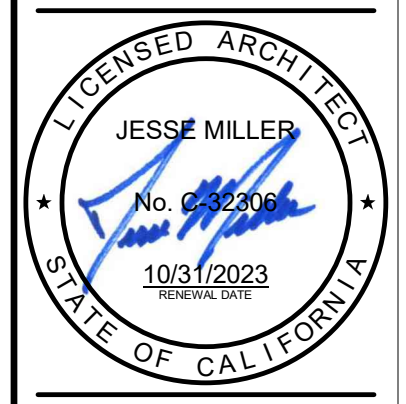
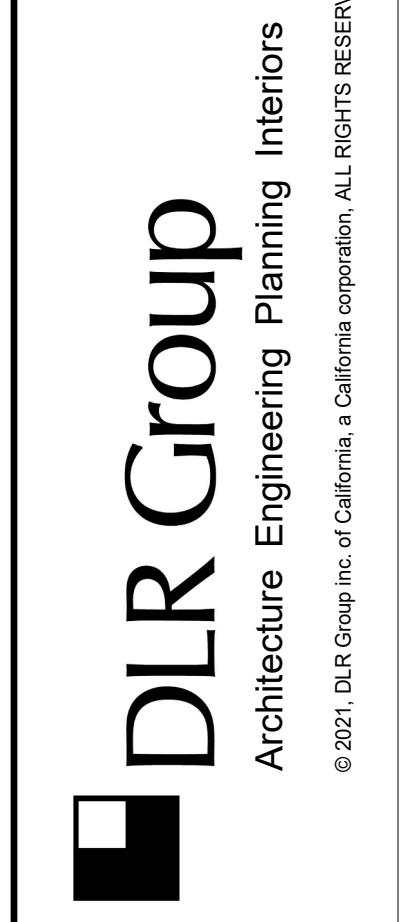


ADDEND 11/10/22 UNIT
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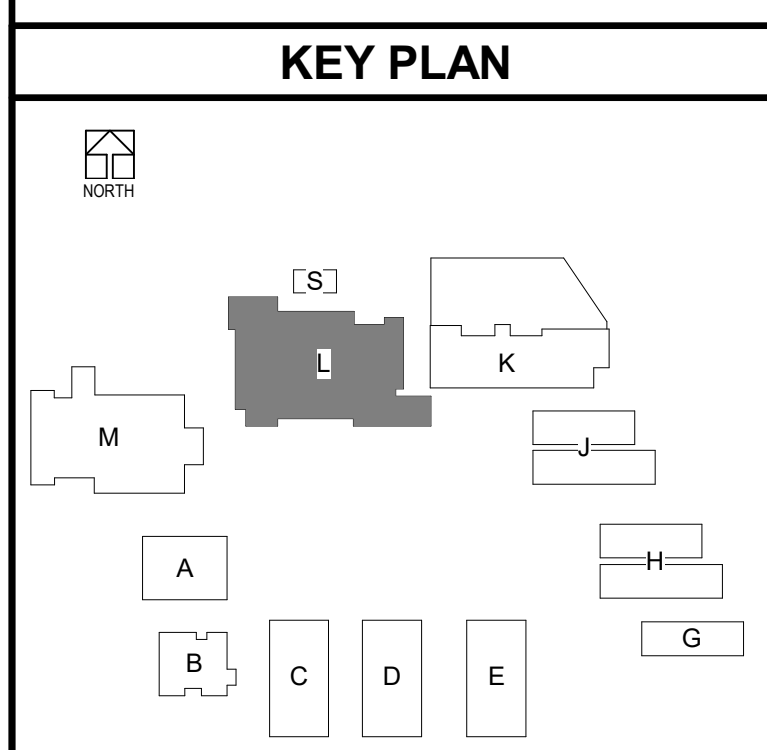
SIGN SCHEDULE - BLDG L				
Sign Type	Room #	Door #	Detail	Sign Comments
ER	L128	L128A	53/CP1.11	
EXT	L101	L101	53/CP1.11	
EXT	L101	L101B	53/CP1.11	
EXT	L111	L112	53/CP1.11	
EXT	L124	L124B	53/CP1.11	
EXT	L125	L125A	53/CP1.11	
EXT	L125	L125B	53/CP1.11	
EXT	L125A	L113	53/CP1.11	
EXT	L125B	L125A	53/CP1.11	
EXT	L130	L129A	53/CP1.11	
EXT	L134	L134B	53/CP1.11	
EXT	L153	L153	53/CP1.11	
EXT	L155	L155	53/CP1.11	
MOC	L125A	L113	53/CP1.11	
MOC	L125A	L113	53/CP1.11	
MOC	L131	L131	51/CP1.11	
RDM	L145	L145	51/CP1.11	
RDM	L147	L147A	51/CP1.11	
RDU	L108	L108	51/CP1.11	
RDU	L108	L108	51/CP1.11	
RDU	L116	L116	51/CP1.11	
RDW	L132	L132	51/CP1.11	
RDW	L143	L143	51/CP1.11	
RDW	L146	L146A	51/CP1.11	
RID	L001	L001	55/CP1.11	
RID	L001	L130	55/CP1.11	
RID	L001	L130	55/CP1.11	
RID	L001	L101	55/CP1.11	
RID	L001	L101A	55/CP1.11	
RID	L001	L101B	55/CP1.11	
RID	L102	L102	55/CP1.11	
RID	L103	L103	55/CP1.11	
RID	L104	L104	55/CP1.11	
RID	L105	L105	55/CP1.11	
RID	L107	L107A	55/CP1.11	
RID	L107	L107B	55/CP1.11	
RID	L109	L109	55/CP1.11	
RID	L110	L110	55/CP1.11	
RID	L111	L112	55/CP1.11	
RID	L114	L114	55/CP1.11	
RID	L115	L115	55/CP1.11	
RID	L117	L117	55/CP1.11	
RID	L118	L118	55/CP1.11	
RID	L119	L119A	55/CP1.11	
RID	L119	L119A	55/CP1.11	
RID	L120	L120	55/CP1.11	
RID	L121	L121	55/CP1.11	
RID	L122	L122	55/CP1.11	
RID	L123	L123	55/CP1.11	
RID	L124	L119C	55/CP1.11	
RID	L124	L124A	55/CP1.11	
RID	L124	L124B	55/CP1.11	
RID	L125	L125A	55/CP1.11	
RID	L125	L125G	55/CP1.11	
RID	L125	L125G	55/CP1.11	
RID	L125	L125G	55/CP1.11	
RID	L125A	L113	55/CP1.11	
RID	L125B	L125A	55/CP1.11	
RID	L125B	L125B	55/CP1.11	
RID	L126	L126	55/CP1.11	
RID	L127	L127	55/CP1.11	
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RID	L130	L129A	55/CP1.11	
RID	L133	L133	55/CP1.11	
RID	L134	L134A	55/CP1.11	
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RID	L134	L134B	55/CP1.11	
RID	L135	L135	55/CP1.11	
RID	L136	L135	55/CP1.11	
RID	L137	L137A	55/CP1.11	
RID	L137	L137B	55/CP1.11	
RID	L138	L138	55/CP1.11	
RID	L139	L139	55/CP1.11	
RID	L140	L140	55/CP1.11	
RID	L141	L141	55/CP1.11	
RID	L142	L142	55/CP1.11	
RID	L144	L144	55/CP1.11	
RID	L148	L148	55/CP1.11	
RID	L151	L151	55/CP1.11	
RID	L152	L152	55/CP1.11	
RID	L154	L153	55/CP1.11	
RID	L154	L154	55/CP1.11	
RID	L156	L156	55/CP1.11	
RRM	L131	L131	51/CP1.11	
RRM	L145	L145	51/CP1.11	
RRM-XL	L147	L147A	51/CP1.11	
RRU	L106	L106	51/CP1.11	
RRU	L108	L108	51/CP1.11	
RRU	L116	L116	51/CP1.11	
RRW	L132	L132	51/CP1.11	
RRW	L143	L143	51/CP1.11	
RRW-XL	L146	L146A	51/CP1.11	

- ### SIGNAGE GENERAL NOTES
- SEE CODE PLAN SHEETS CP1.10 AND CP1.11 FOR MORE SIGNAGE INFORMATION.
 - PROVIDE BACKING TO SIGNAGE AS REQUIRED.
 - REFER TO CFC 2703.5 & 2703.6 FOR HAZARDOUS MATERIALS IDENTIFICATION SIGNAGE REQUIREMENTS & SIGNAGE.
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SIGNAGE PLAN - BLDG L
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Durfee Ave, South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



3537 Johnson Ave,
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

A14.L1

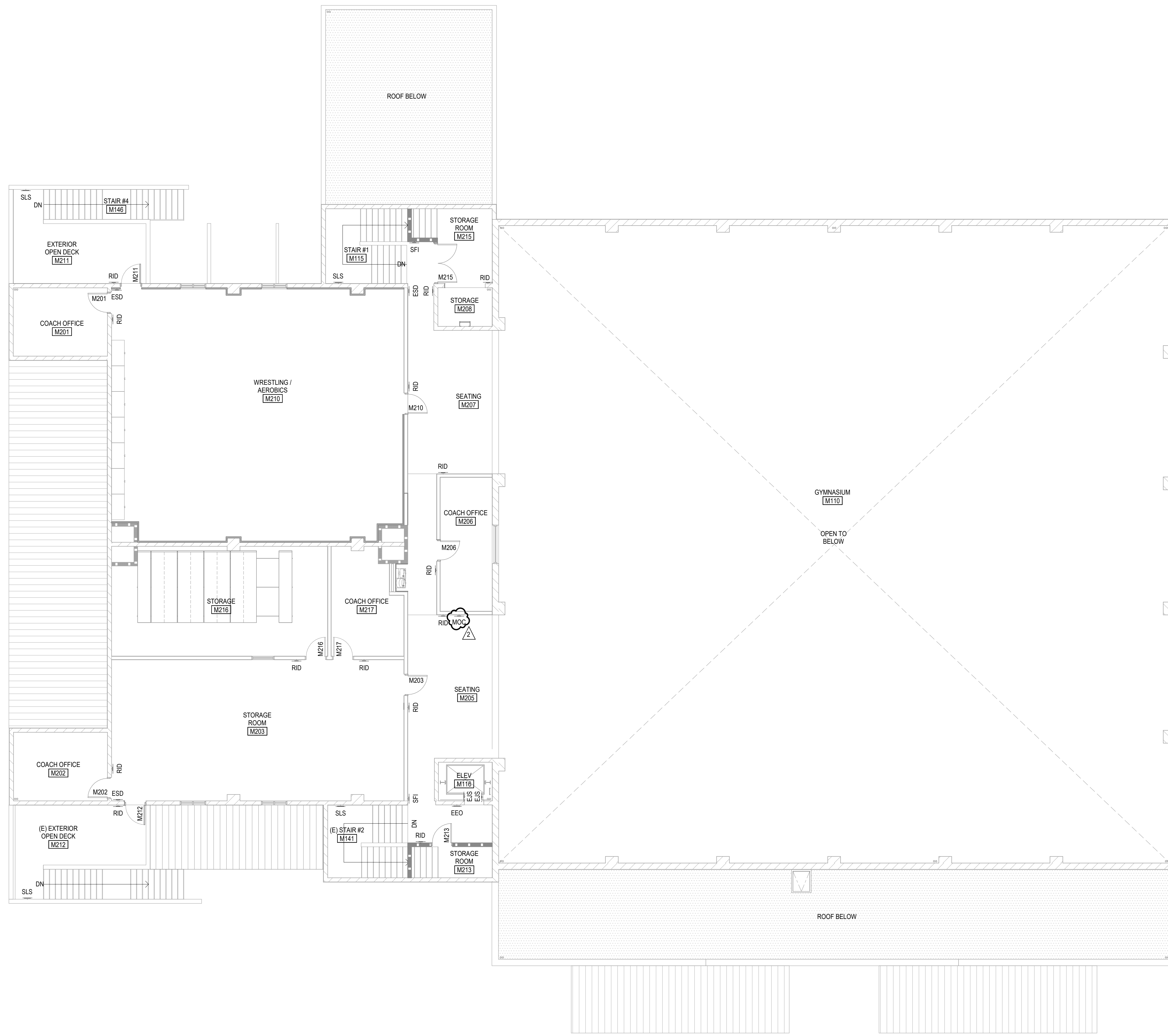
BLDG L - LEVEL 01 - SIGNAGE
 SCALE: 1/8" = 1'-0"

ADDEND 11/10/22
 UNIT 2

B:\75-20225-00 South El Monte HS Modernization\75-20225-00_SEMHS_AR_2020.rvt
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SIGN SCHEDULE - BLDG M LEVEL 02				
Sign Type	Room #	Door #	Detail	Sign Comments
ESD	M211	M211	53/CP1.11	
ESD	M212	M212	53/CP1.11	
ESD	M205	OPEN	53/CP1.11	
RID	M201	M201	55/CP1.11	
RID	M202	M202	55/CP1.11	
RID	M203	M203	55/CP1.11	
RID	M205	OPEN	55/CP1.11	
RID	M206	M206	55/CP1.11	
RID	M207	OPEN	55/CP1.11	
RID	M210	M210	55/CP1.11	
RID	M211	M211	55/CP1.11	
RID	M212	M212	55/CP1.11	
RID	M213	M213	55/CP1.11	
RID	M215	M215	55/CP1.11	
RID	M215	M215	55/CP1.11	
RID	M216	M216	55/CP1.11	
RID	M217	M217	55/CP1.11	
SLS	M211	M211	53/CP1.11	
SLS	M212	M212	53/CP1.11	

SEE A14.M1 FOR SIGNAGE AT STAIRS AND ELEVATORS BUILDING M



KEYNOTES

SIGNAGE GENERAL NOTES

- A. SEE CODE PLAN SHEETS CP1.10 AND CP1.11 FOR MORE SIGNAGE INFORMATION.
- B. PROVIDE BACKING TO SIGNAGE AS REQUIRED.
- C. REFER TO CFC 605.3.1 FOR ELEC ROOM REQUIREMENTS & SIGNAGE.
- D. REFER TO CFC 2702.5 & 2703.6 FOR HAZARDOUS MATERIALS IDENTIFICATION SIGNAGE REQUIREMENTS.
- E. ANY ROOM HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS, WHERE FIXED SEATS ARE NOT INSTALLED, AND WHICH ARE USED FOR ASSEMBLY, SHALL HAVE THE CAPACITY OF THE ROOM POSTED IN A CONSPICUOUS PLACE NEAR THE MAIN EXIT PER CFC TITLE 19, SECTION 3.30.
- F. FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, AND SMOKE PARTITIONS, OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS, SHALL FOLLOW PROVISIONS UNDER CBC 703.6.
- G. FOR SIGNAGE MOUNTING ON WALLS AND GLASS, SEE DETS. 53/CP1.11 & 19/CP1.11.

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SIGNAGE PLAN - BLDG M - LEVEL 2
 South El Monte HS Modernization
 El Monte Union High School District
 10071 Durfee Ave, South El Monte, CA 91723

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 03/01/2022
 11/18/2022 ADDENDUM 2

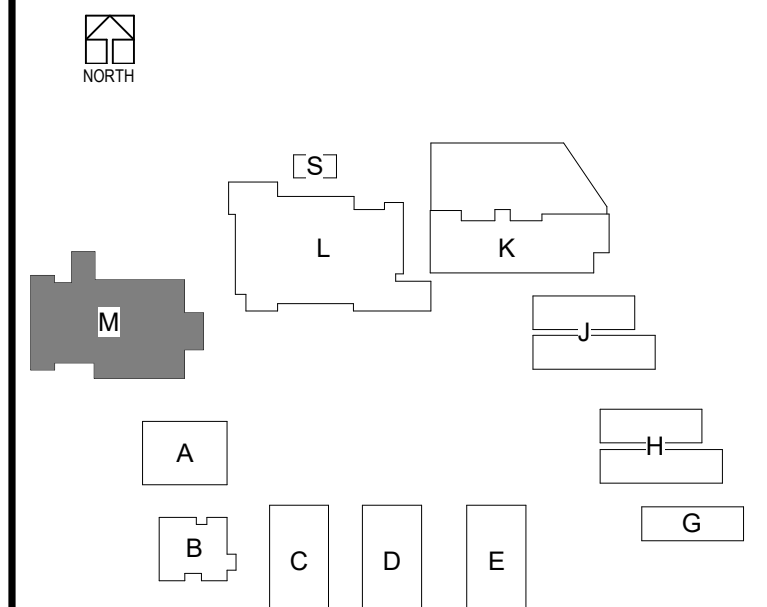


3537 Johnson Ave,
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #03-122081
 DSA FILE #19-H10

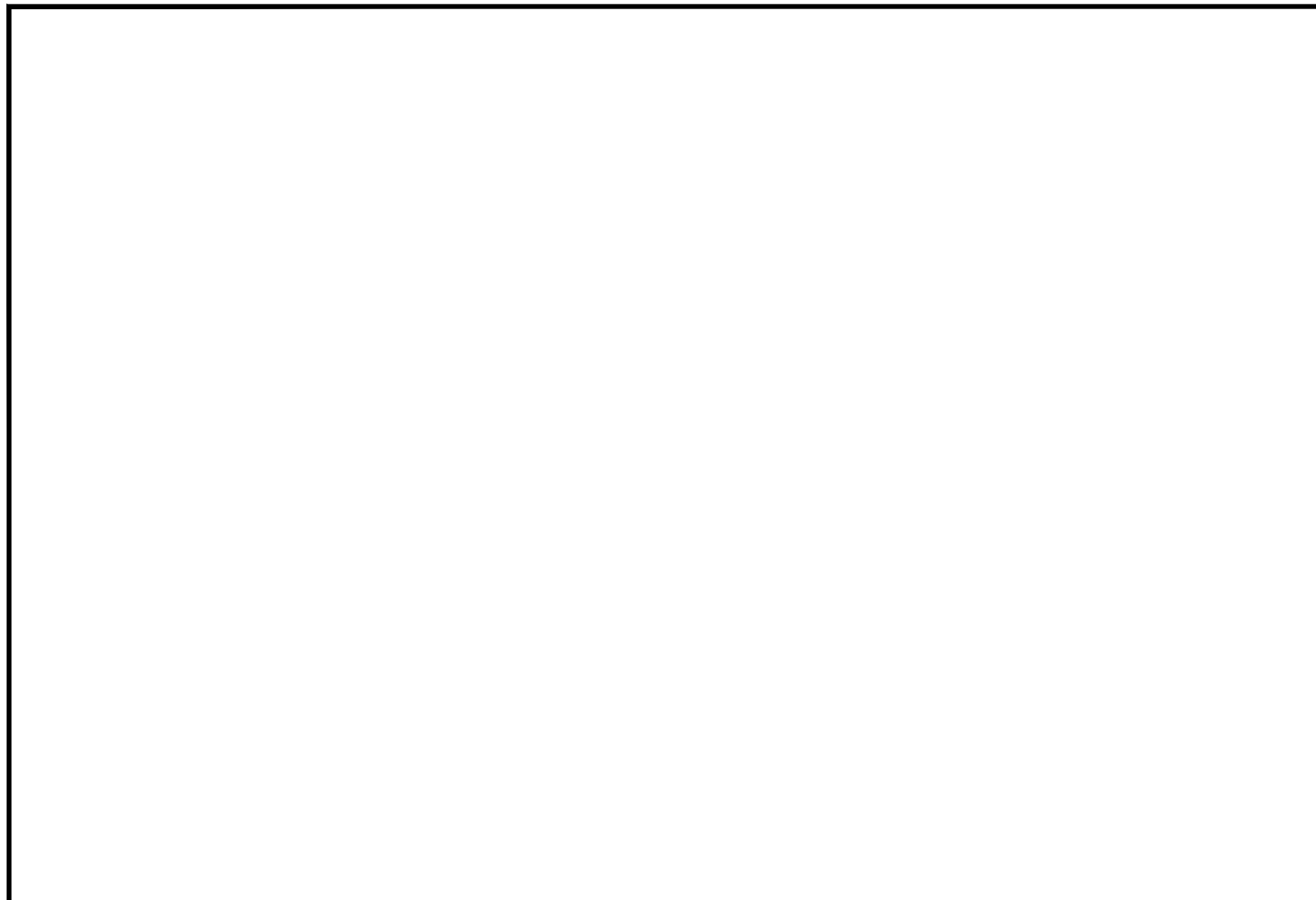
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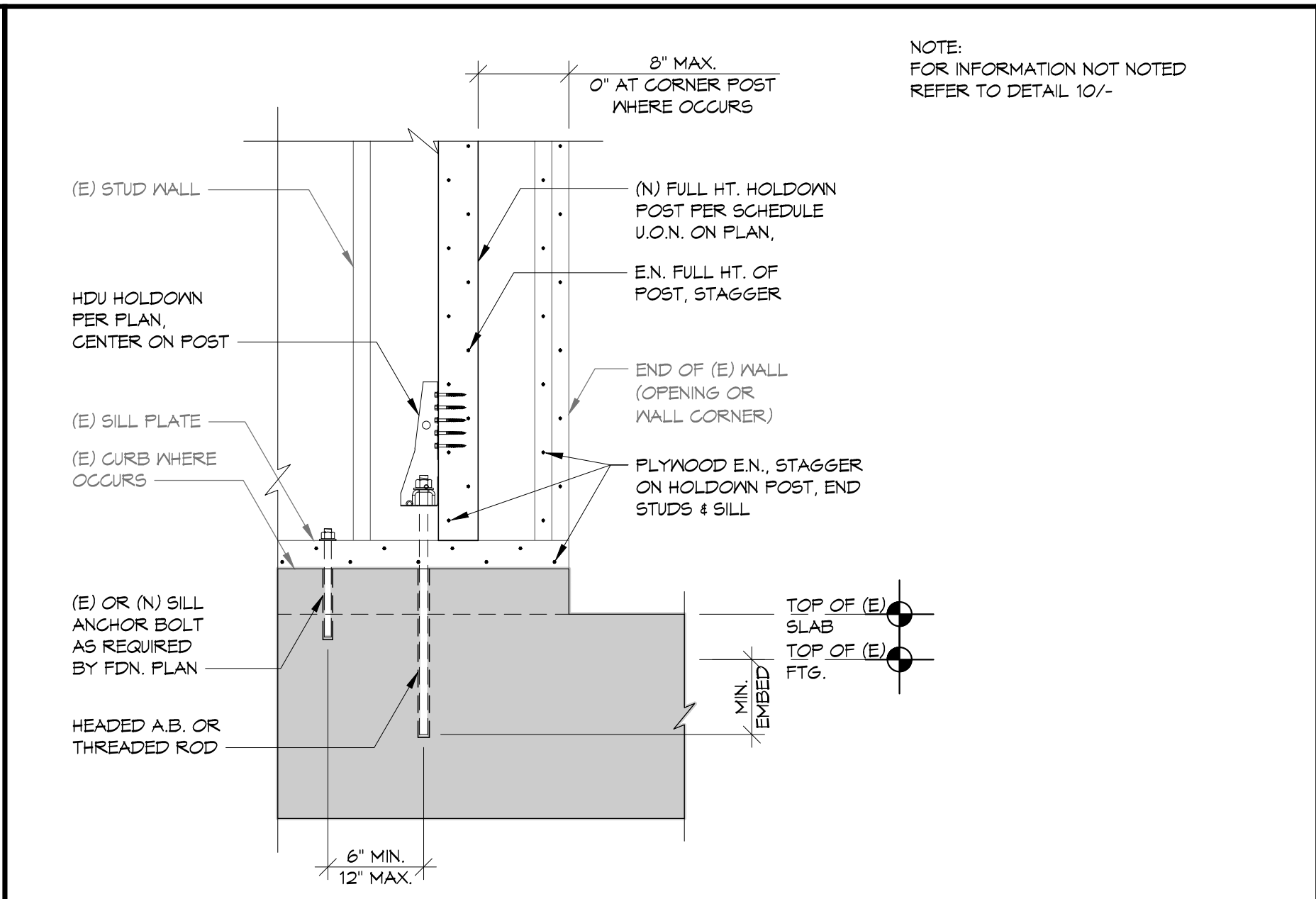
KEY PLAN



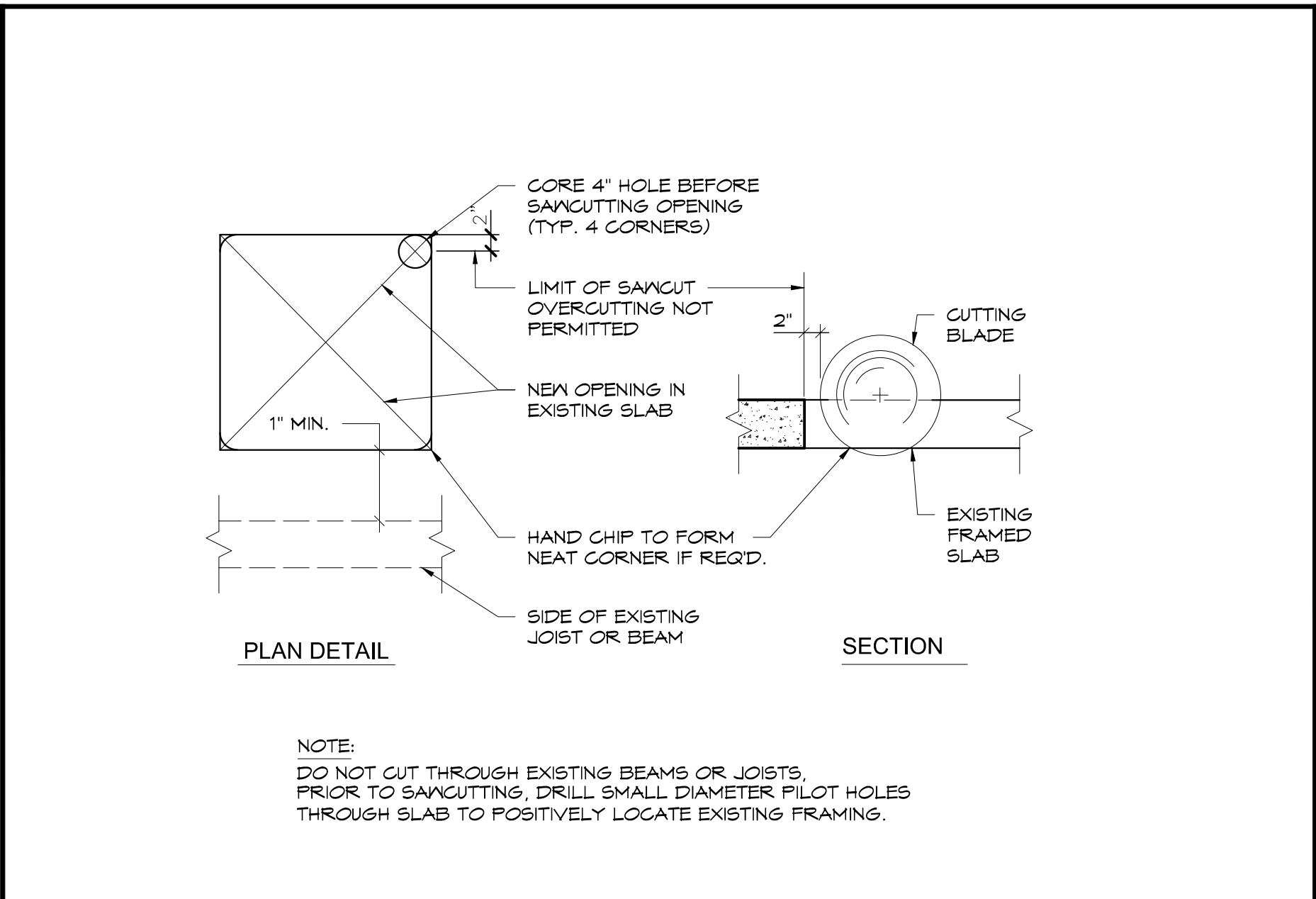
ADDEND 11/10/22 UNIT 2
 Bldg 360/75-20225-00 South El Monte HS Modernization/75-20225-00_SEMHS_AR_2020.rvt
 11/17/2022 4:36:14 PM



13 DETAIL 1'-1'-0"



9 HOLDDOWN AT (E) FOUNDATION 1'-1'-0"



5 CONCRETE SLAB SAWCUT DETAIL N.T.S.

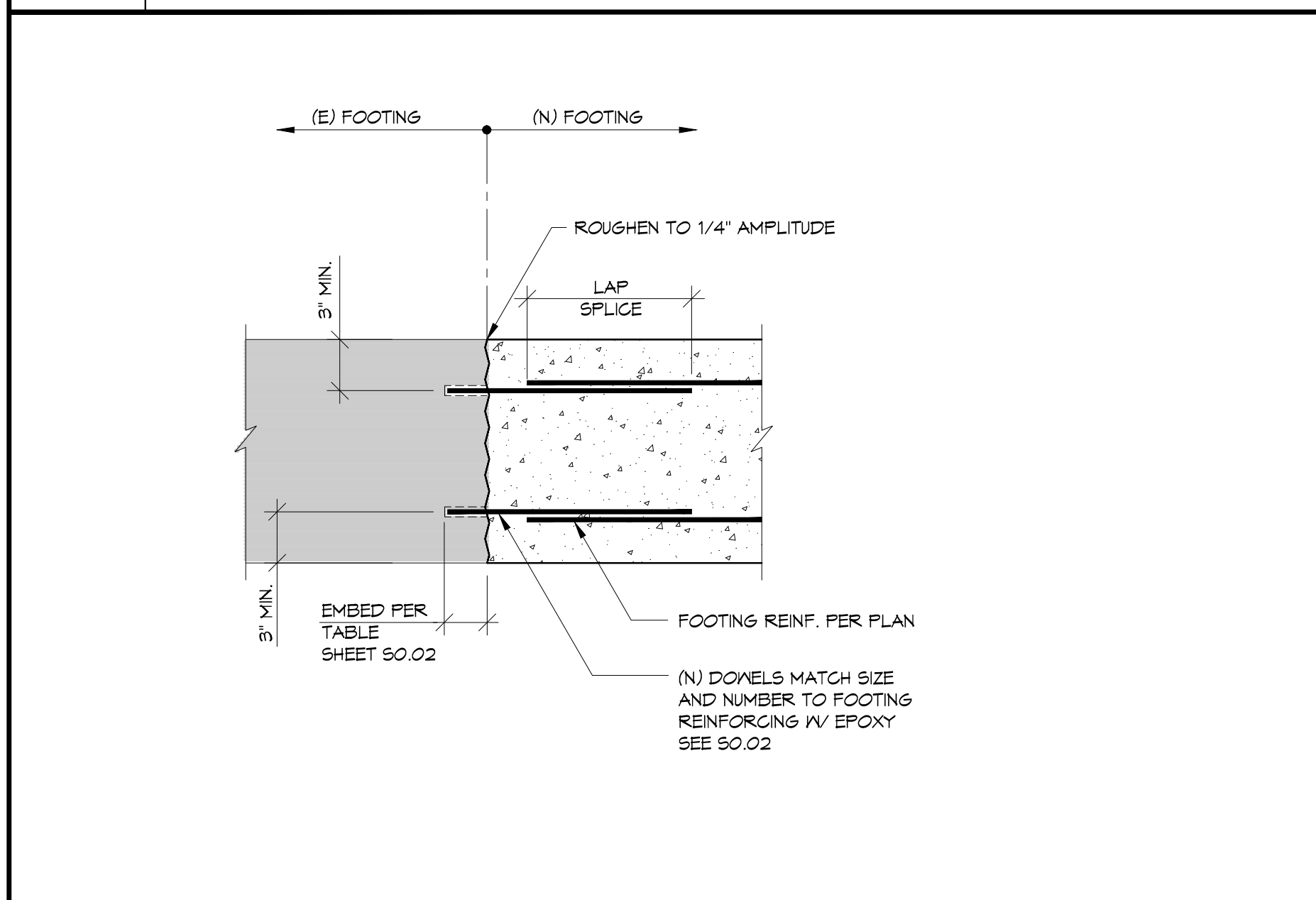
1A STANDARD REINFORCING STEEL HOOKS

BAR SIZE	STANDARD HOOK	
	D (IN.)	HOOK LENGTH (IN.)
#3	2 1/4	4 1/2
#4	3	6
#5	3 3/4	7 1/2
#6	4 1/2	9
#7	5 1/4	10 1/2
#8	6	12
#9	7	13 1/2

135° BEND

BAR SIZE	STIRRUP & TIE HOOK	
	D (IN.)	HOOK LENGTH (IN.)
#3	1 1/2	3
#4	2	3
#5	2 1/2	4

1 TYPICAL STIRRUP AND TIE HOOKS N.T.S.



14 DOWEL INTO EXISTING FOOTING N.T.S.

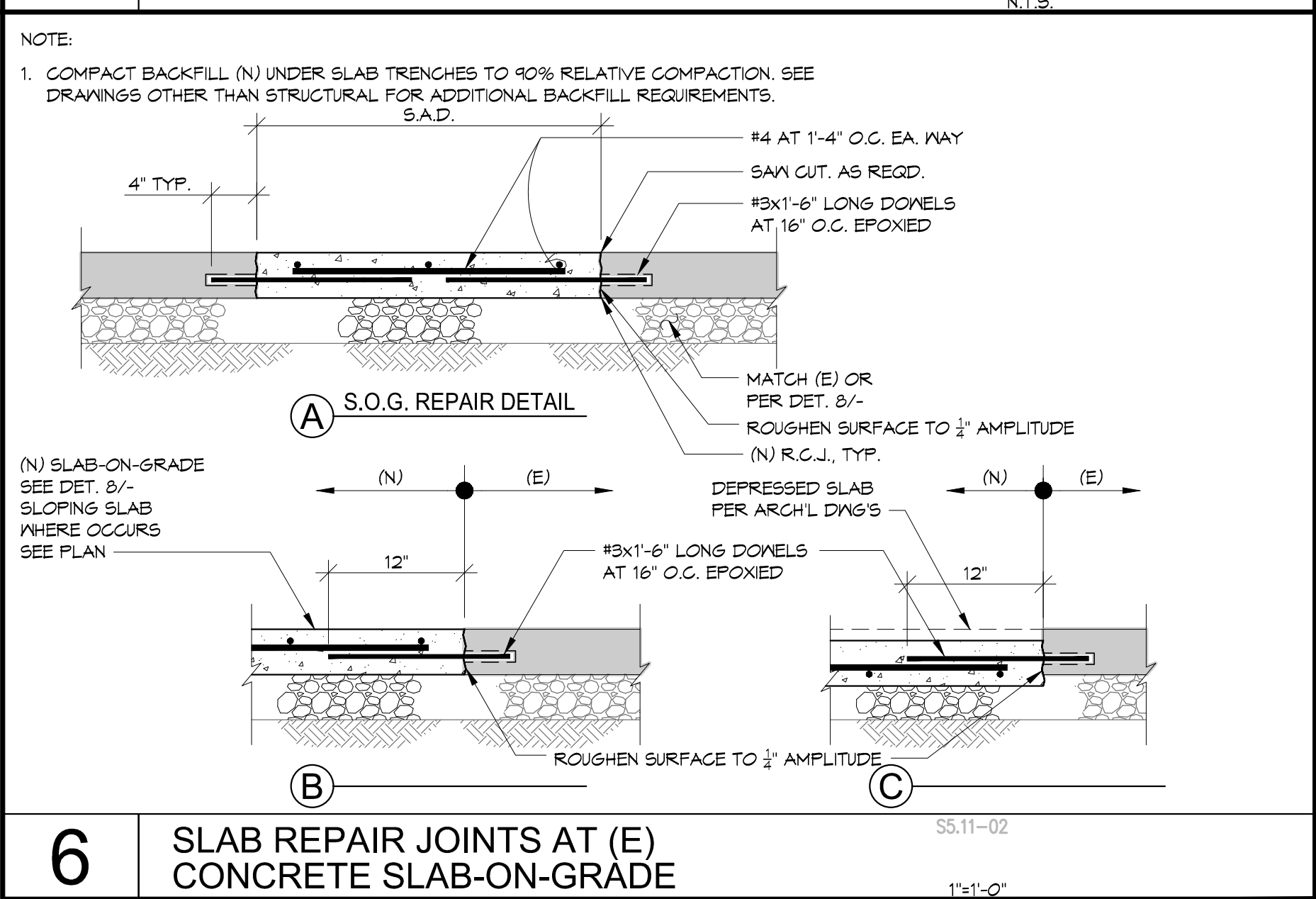
10 HOLDDOWN SCHEDULE AT (E) FOUNDATION

HOLDOWN	MIN. POST SIZE	MIN. H.D. BOLT DIA.	MIN. H.D. BOLT EMBED. 1/4"	DRILLED HOLE DIA.	MAX. ALLOWABLE (LBS) *	PULL TEST (LBS)
HDU2	4x 5/8"	5/8"	1'-0"	1 1/2"	2450	4920
HDU4	4x 5/8"	5/8"	1'-0"	1 1/2"	3652	7304
HDU5	4x 5/8"	7/8"	1'-0"	2"	4516	9032
HDU6	6x 5/8"	1/8"	1'-2"	2"	6246	12492

* 80% OF SIMPSON ALLOWABLE VALUE

- ANCHOR BOLTS TO BE SET IN HIGH STRENGTH NON-SHRINK GROUT. USE MASTER FLOW #26 OR APPROVED EQUAL. FOLLOW ALL MANUFACTURER'S GUIDELINES.
- 6x6 STUD WALL WIDTH
- MIN. POST SIZE U.O.N. ON FOUNDATION PLAN.
- DO NOT DAMAGE (E) REINFORCING FOR ANCHOR BOLT INSTALLATION, EXCEPT THAT (E) CURB REIN. MAY BE CUT IF REQUIRED.
- SEE DET. 9/- FOR ADDITIONAL INFORMATION. STAGGER DOUBLE SIDED HOLDDOWN SIM.
- REMOVE, REPAIR, REPLACE (E) WALL & UTILITIES AS REQUIRED TO INSTALL NEW HOLDDOWNS. WHERE (E) PLYWOOD OCCURS, REMOVE NO LESS THAN 2'-0" IN THE LEAST DIMENSION TO INSTALL HOLDDOWN. REPLACE PLYWOOD & BLOCKING & EN. ALL AROUND.
- HOLDDOWN SHALL BE INSTALLED TIGHT TO THE HOLDDOWN POST WITHOUT FILLERS OR DAPING. DO NOT BEND HOLDDOWN ANCHORS.

10 HOLDDOWN SCHEDULE AT (E) FOUNDATION 1'-1'-0"



6 SLAB REPAIR JOINTS AT (E) CONCRETE SLAB-ON-GRADE 1'-1'-0"

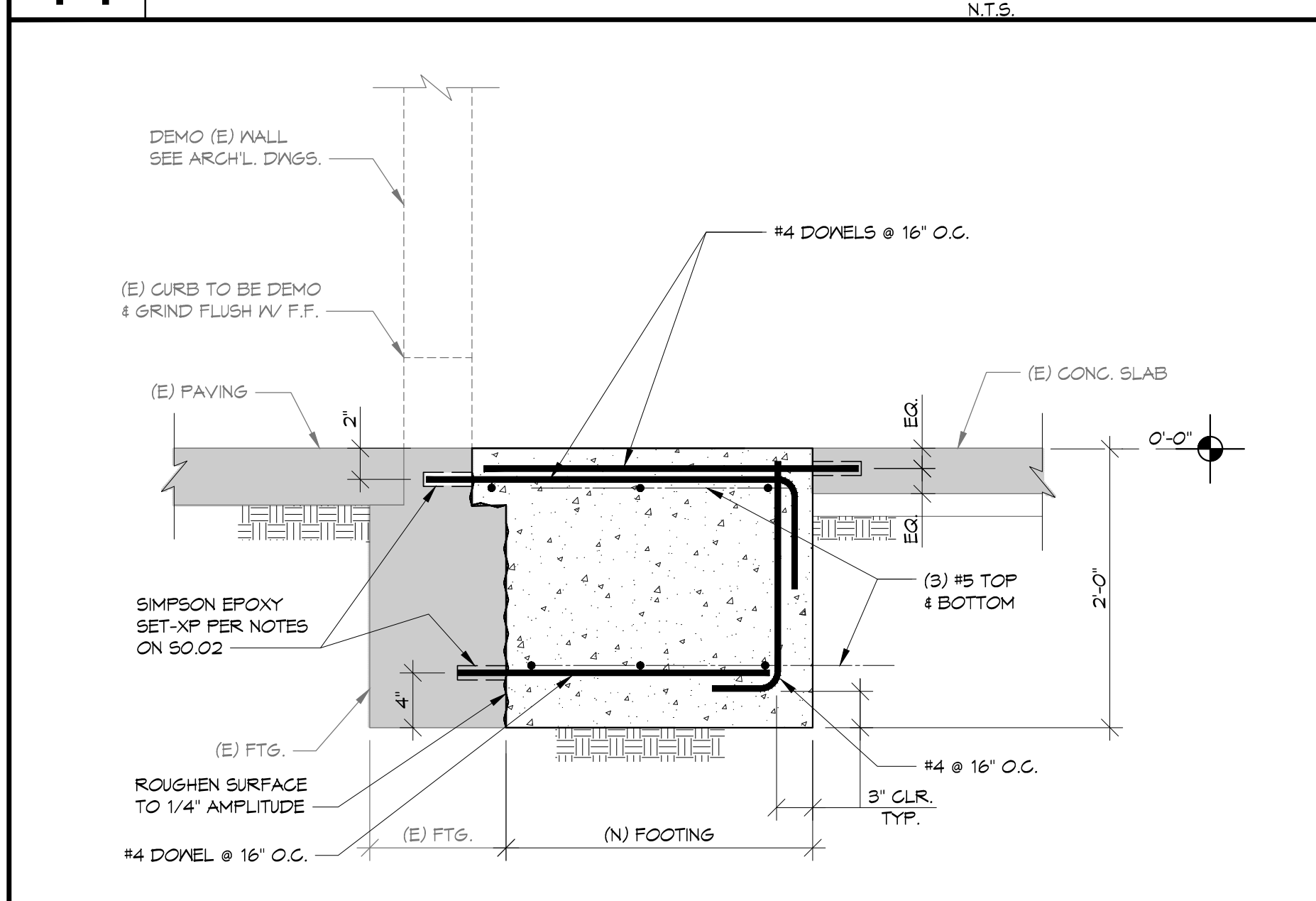
2 TYPICAL REINFORCEMENT EMBED AND LAP SPLICE

BAR SIZE	2,500 PSI		3,000 PSI		4,000 PSI		5,000 PSI	
	EMBED (IN.)	CLASS B (IN.)	EMBED (IN.)	CLASS B (IN.)	EMBED (IN.)	CLASS B (IN.)	EMBED (IN.)	CLASS B (IN.)
#3	9	31	9	26	9	25	7	22
#4	12	41	11	35	10	33	9	29
#5	15	51	14	41	12	41	11	36
#6	18	61	17	56	15	49	13	44
#7	21	69	20	61	17	51	15	49
#8	24	102	22	83	19	81	17	62
#9	27	115	25	105	22	91	20	69

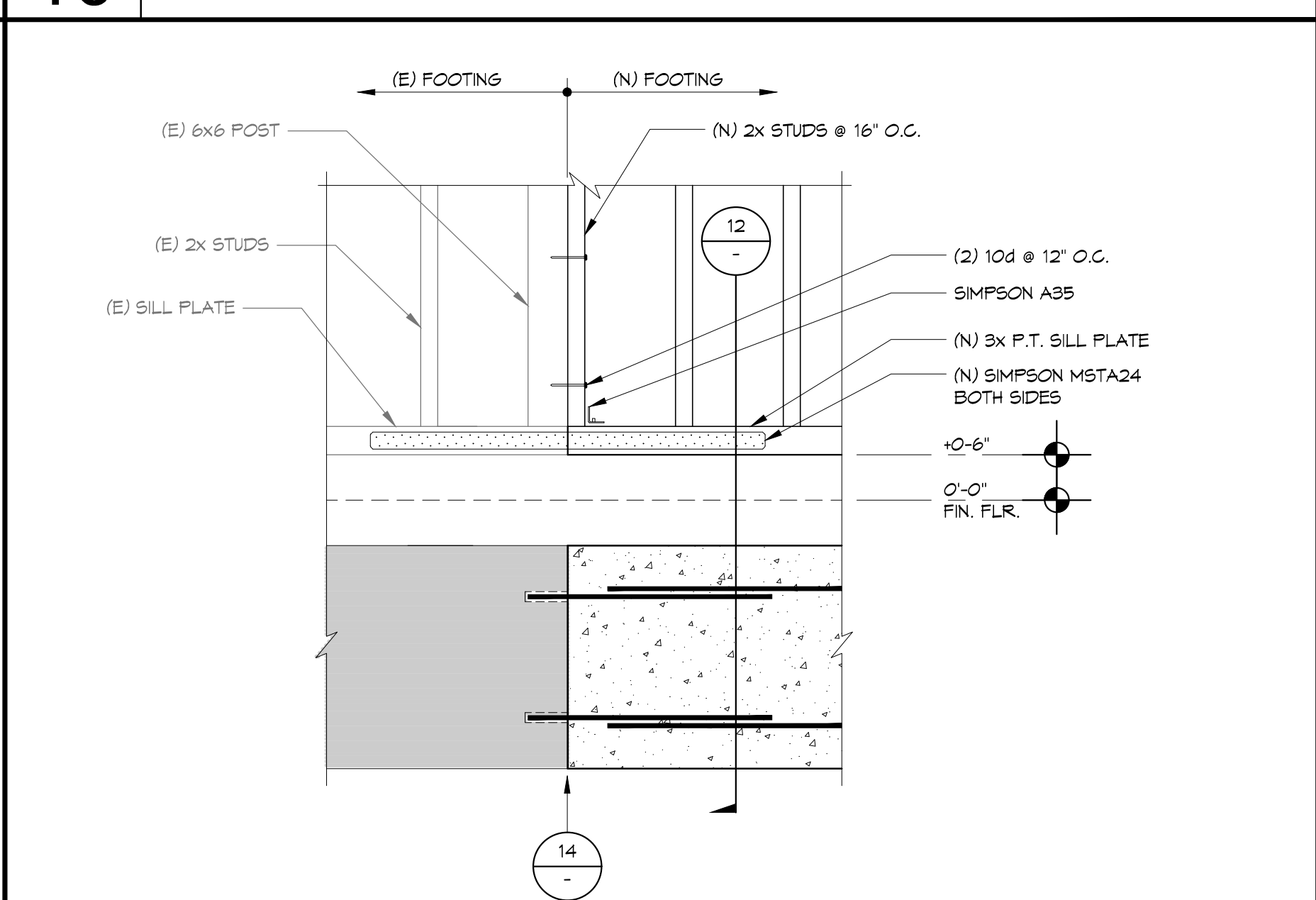
OTHER BARS - 90° HOOK EMBEDMENT AND CLASS B TENSION LAP SPLICE FOR GRADE 60 REINF.

BAR SIZE	2,500 PSI		3,000 PSI		4,000 PSI		5,000 PSI	
	EMBED (IN.)	CLASS B (IN.)	EMBED (IN.)	CLASS B (IN.)	EMBED (IN.)	CLASS B (IN.)	EMBED (IN.)	CLASS B (IN.)
#3	9	24	9	22	9	19	7	17
#4	12	32	11	29	10	25	9	23
#5	15	39	14	36	12	31	11	28
#6	18	47	17	43	15	37	13	34
#7	21	54	20	51	17	44	15	41
#8	24	78	22	72	19	62	17	56
#9	27	88	25	81	22	70	20	63

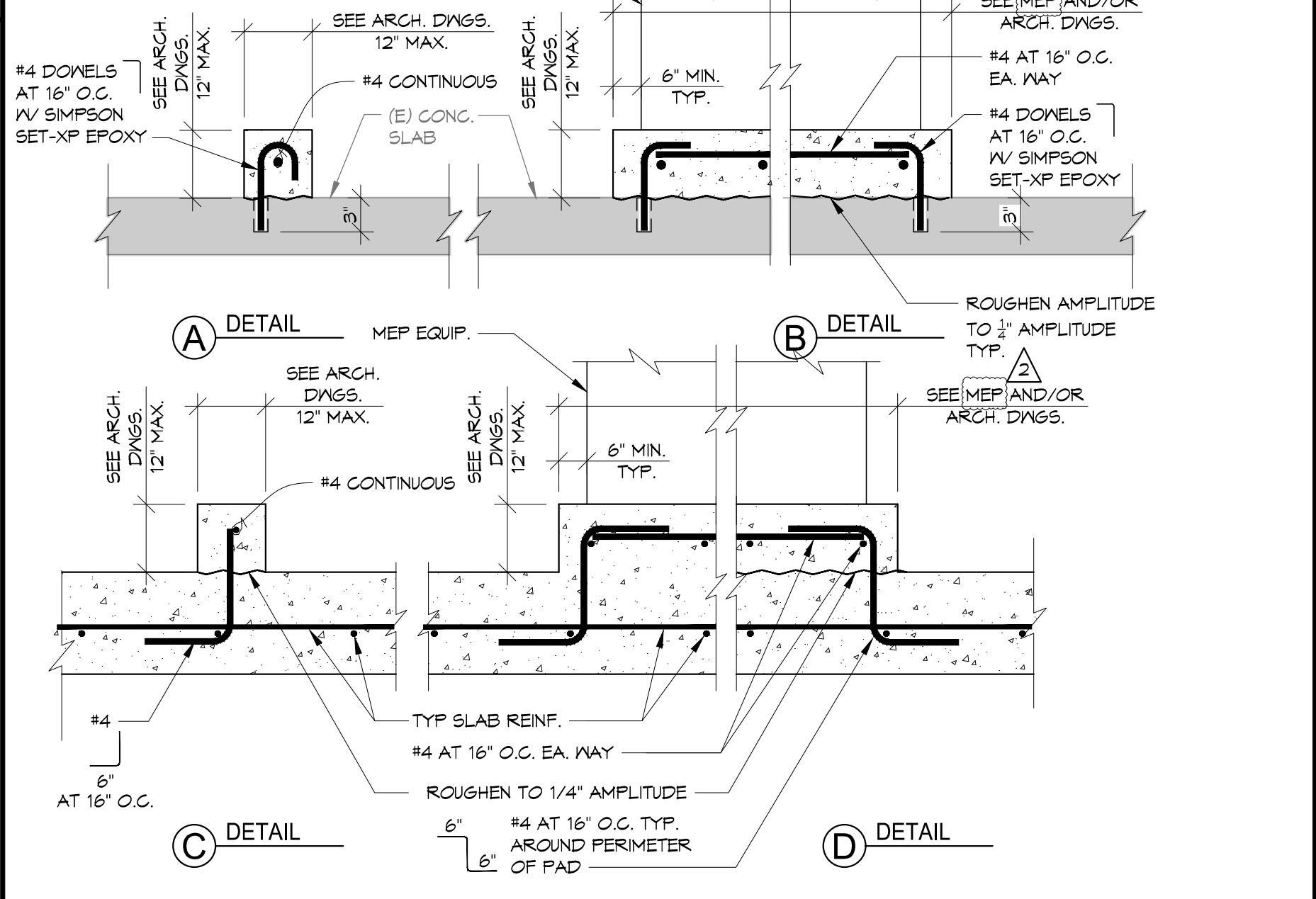
2 TYPICAL REINFORCEMENT EMBED AND LAP SPLICE N.T.S.



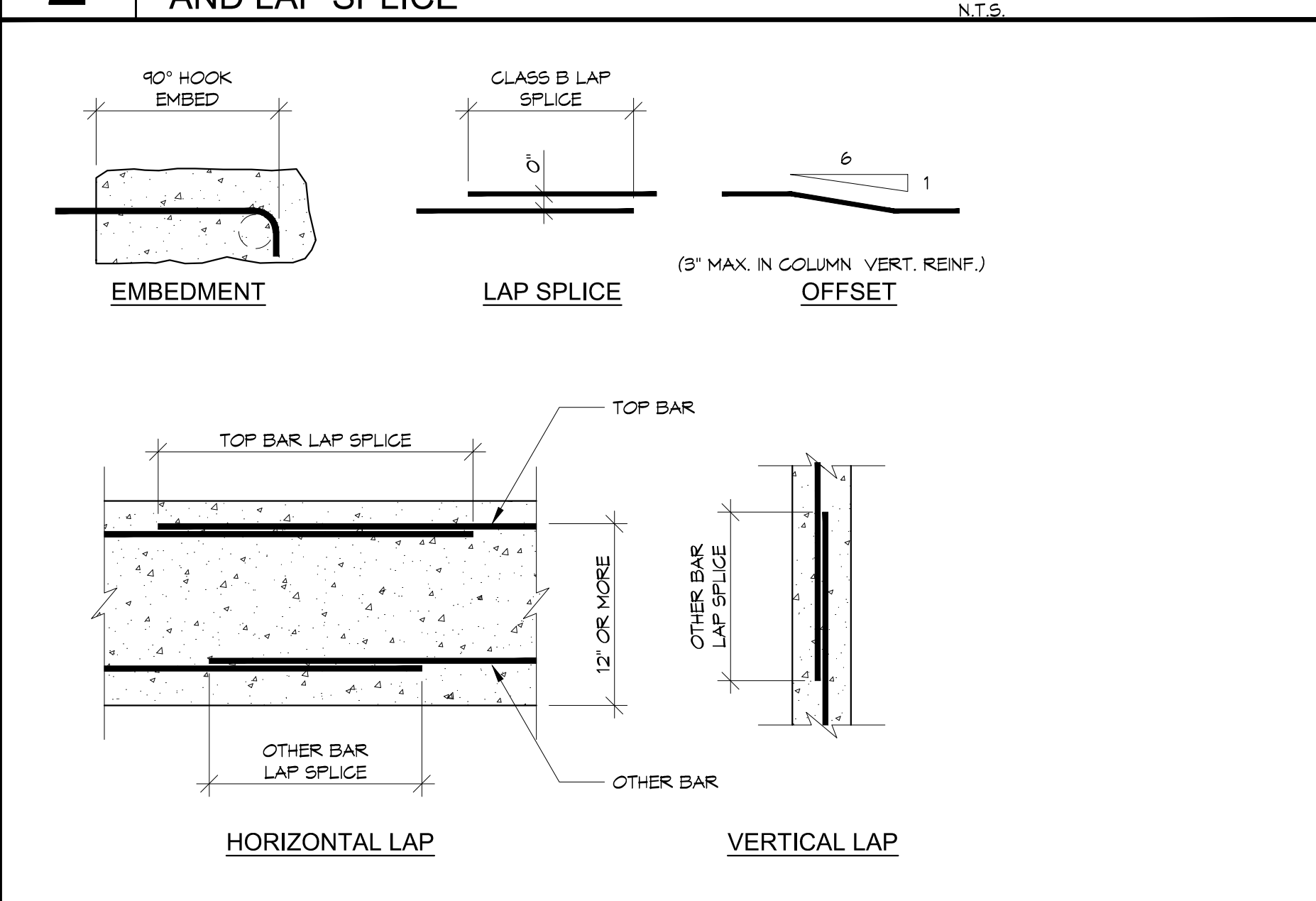
15 DETAIL 1'-1'-0"



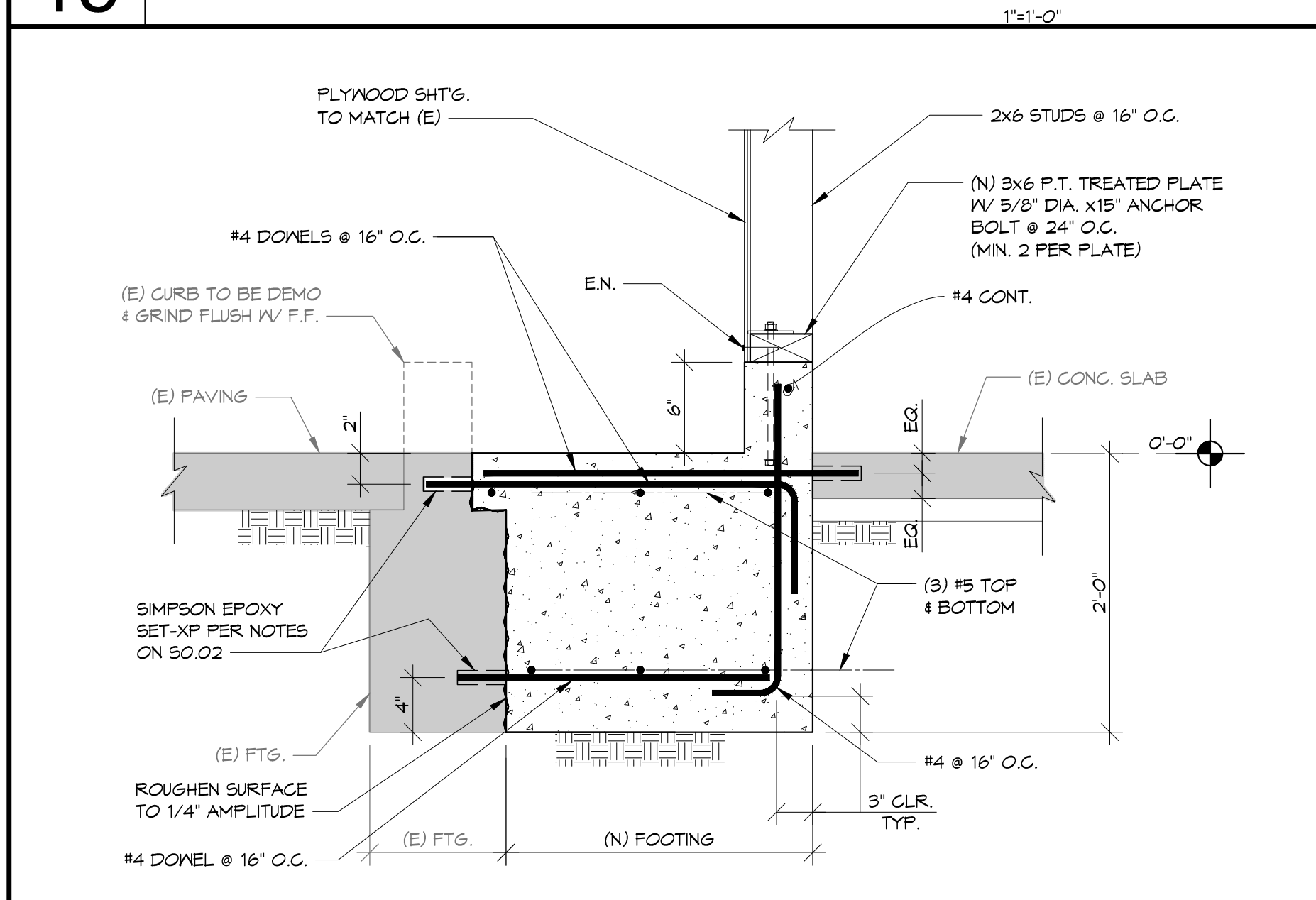
11 (N) WALL TO (E) WALL CONNECTION N.T.S.



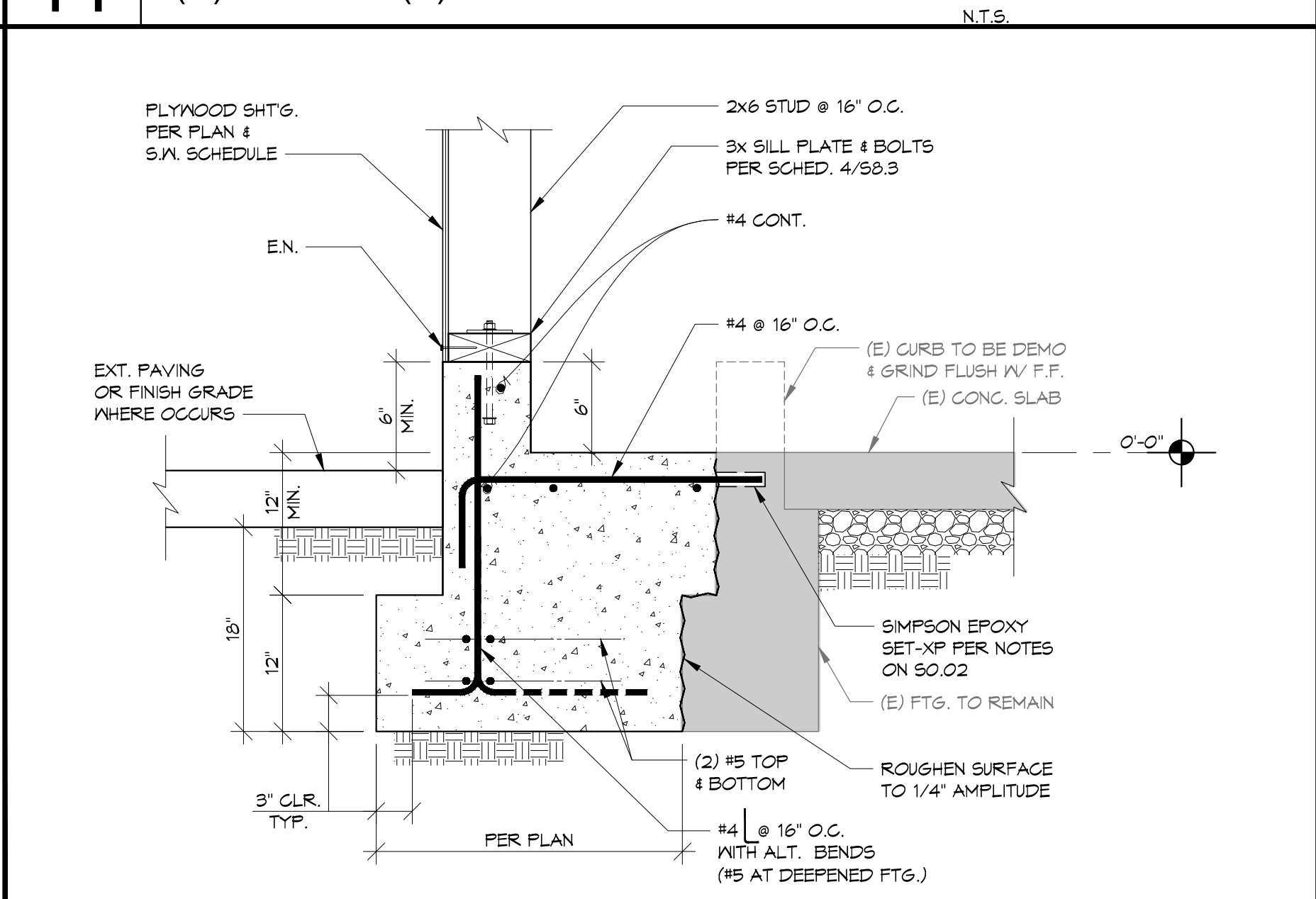
7 TYPICAL CURB AND RAISED PAD DETAILS N.T.S.



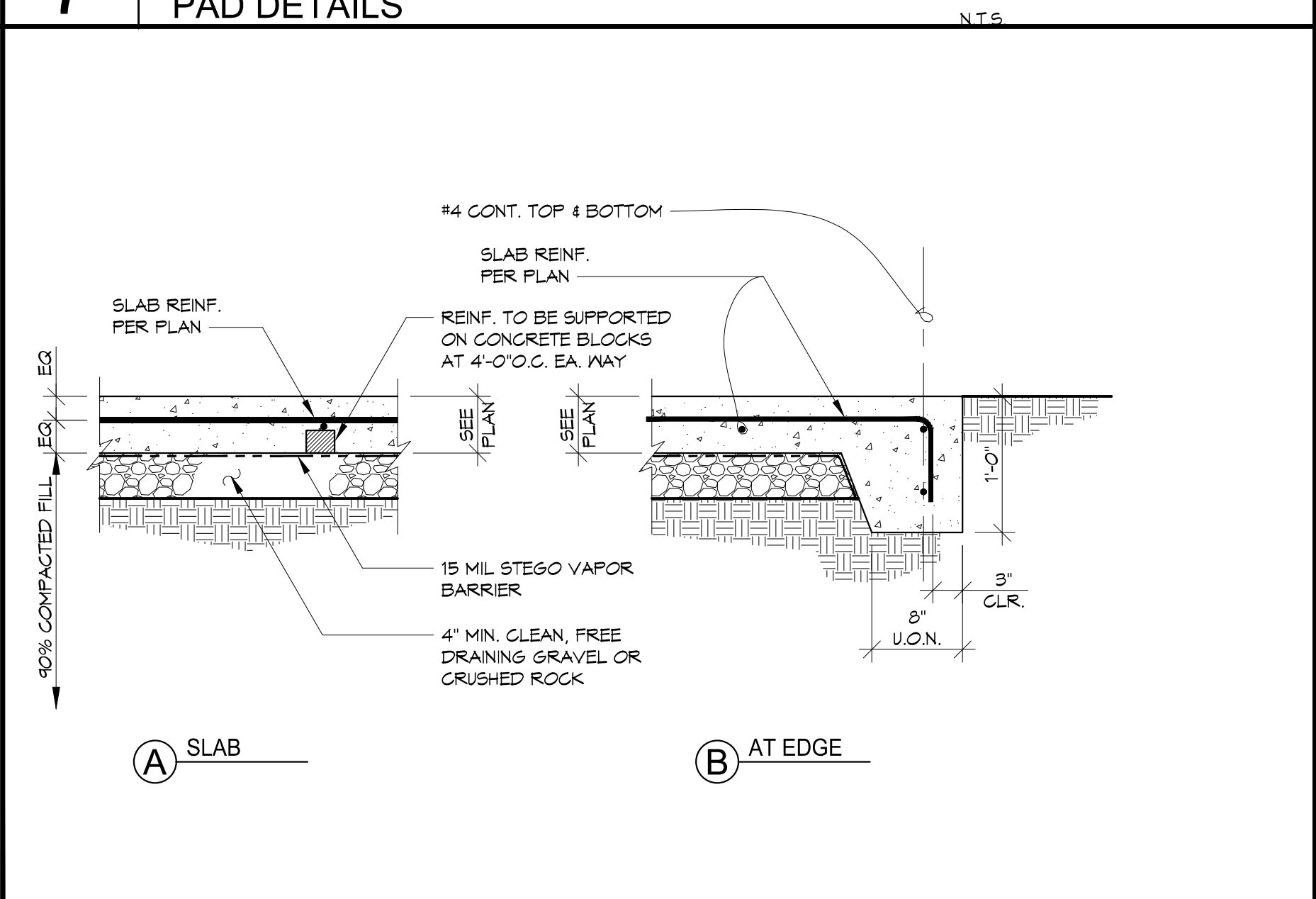
3 TYPICAL REINFORCEMENT EMBED, LAP SPLICE AND OFFSET 1'-1'-0"



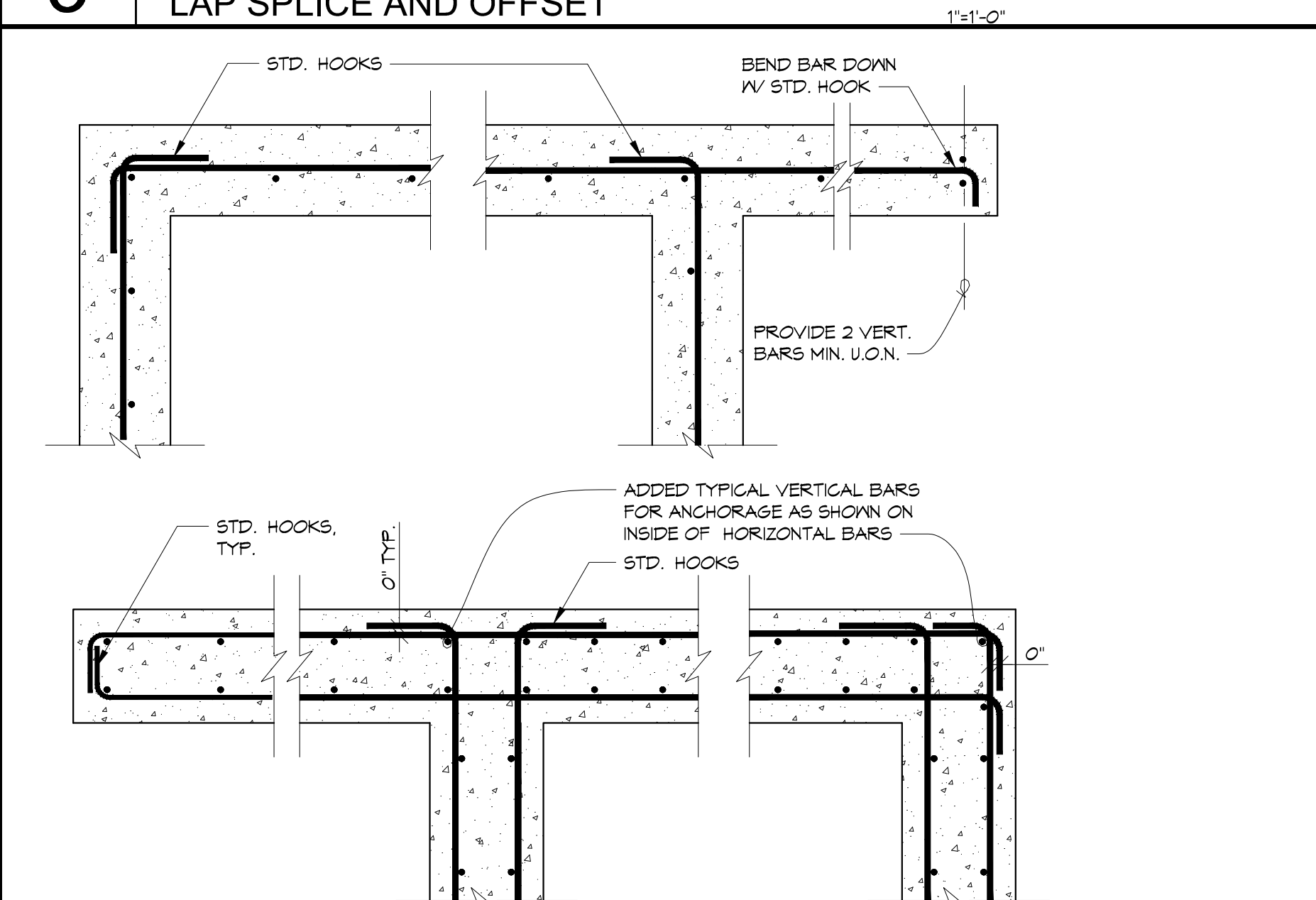
16 DETAIL 1'-1'-0"



12 TYP. EXTERIOR CONT. FOOTING SECTION 1'-1'-0"



8 SLAB-ON-GRADE 1'-1'-0"



4 TYPICAL CONCRETE MEMBER INTERSECTIONS 1'-1'-0"

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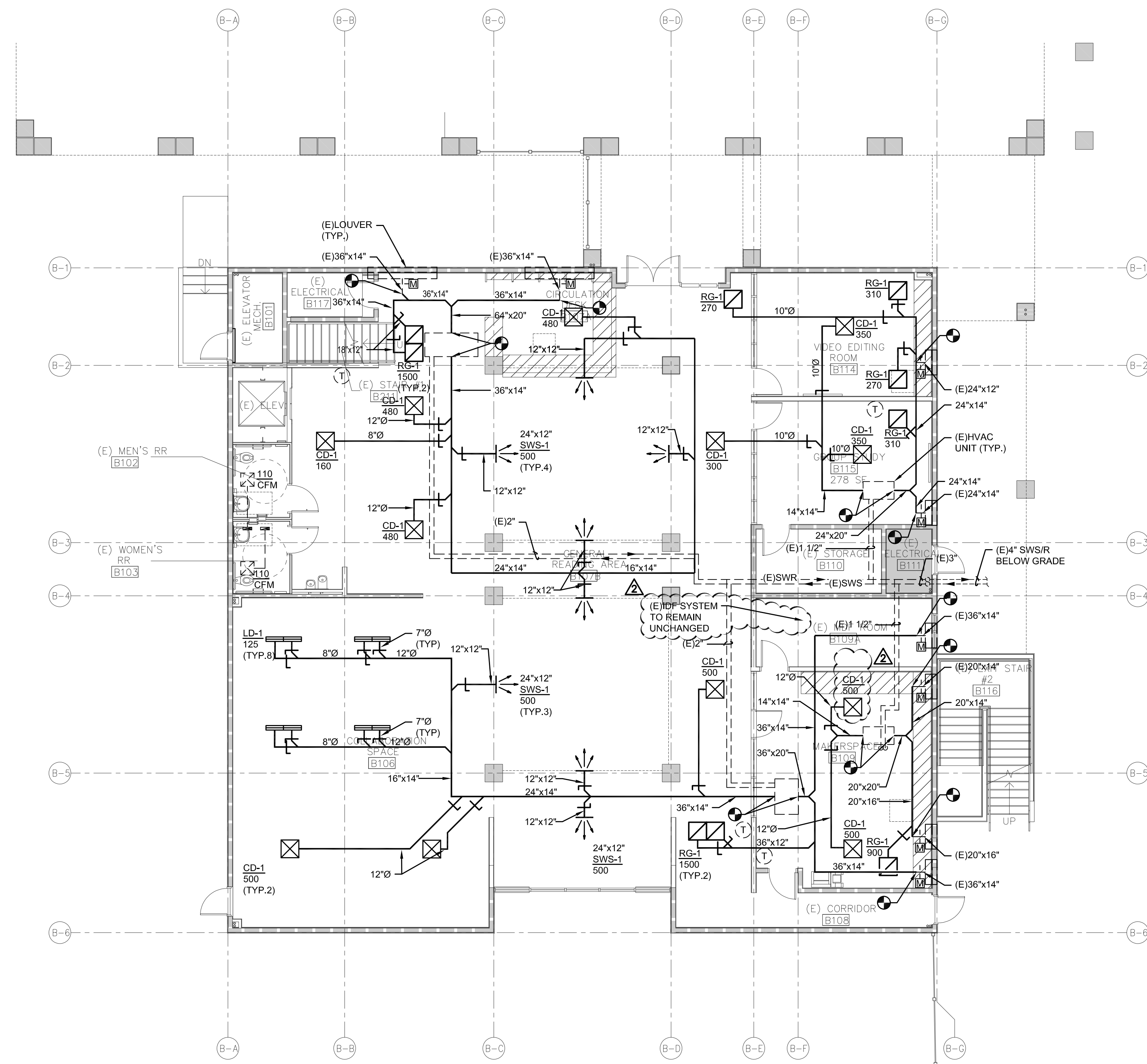
TYPICAL FOUNDATION DETAILS SLAB ON GRADE
South El Monte HS Modernization
El Monte Union High School District
1001 Dufferin Ave., South El Monte, CA 91733

100% CDs	03/01/2022
Revisions	
Date	11/18/2022
Revision Description	ADDENDUM 2

3537 Johnson Ave.
El Monte, CA 91731

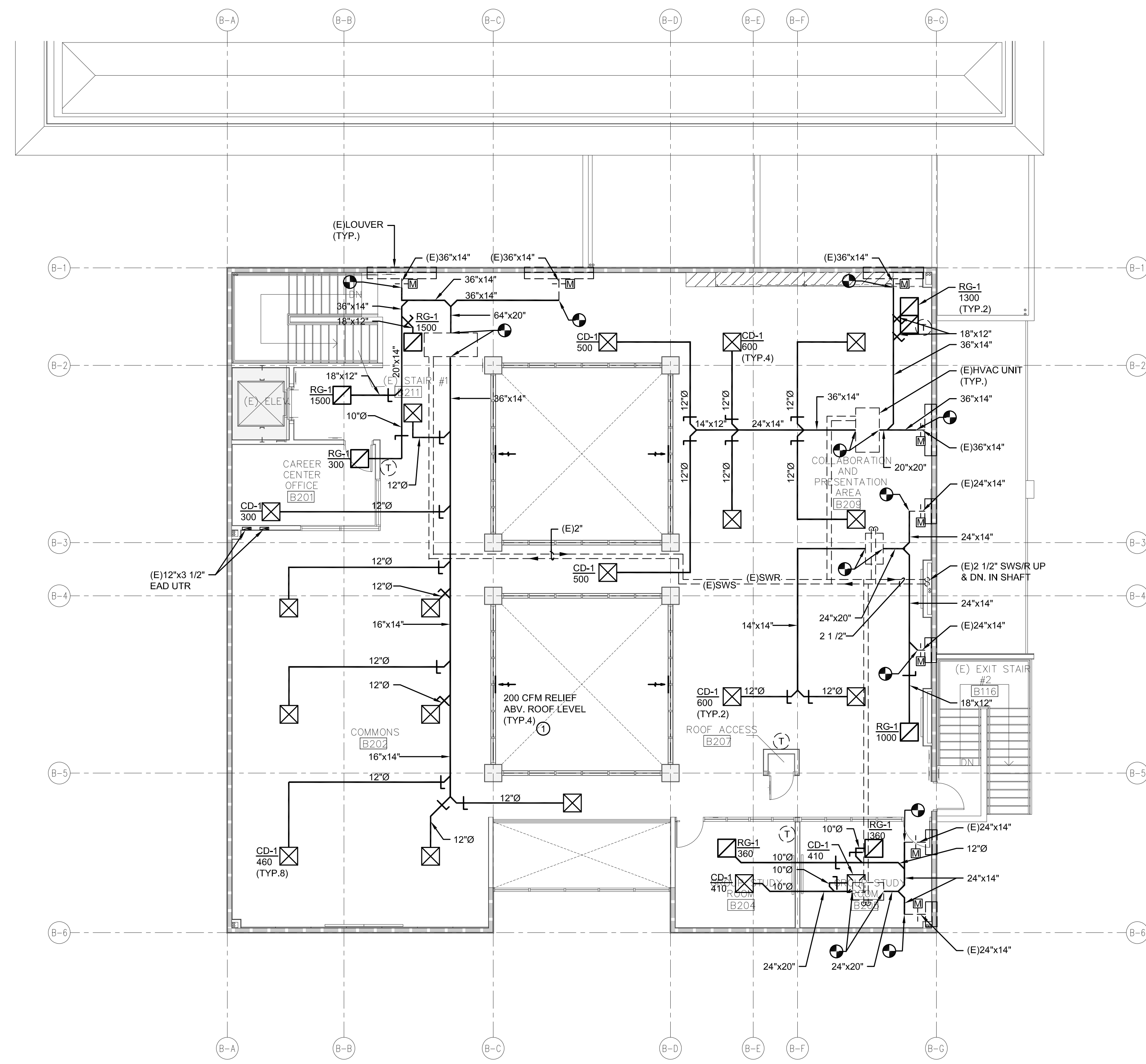
PROJECT #75-20225-00
DSA APPL #04-122081
DSA FILE #19-H10

S5.1
HOHBACH-LEWIN #15500



MECHANICAL REMODEL FLOOR PLAN - BLDG B - LEVEL 1

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



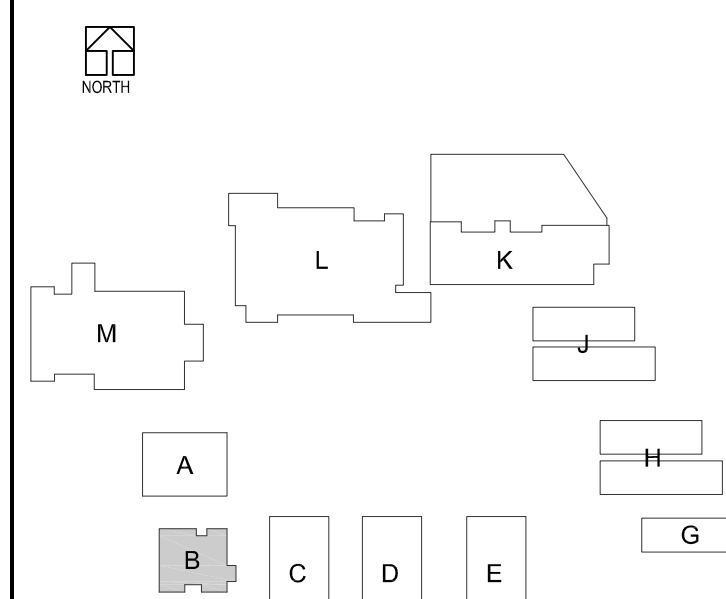
MECHANICAL REMODEL FLOOR PLAN - BLDG B - LEVEL 2

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

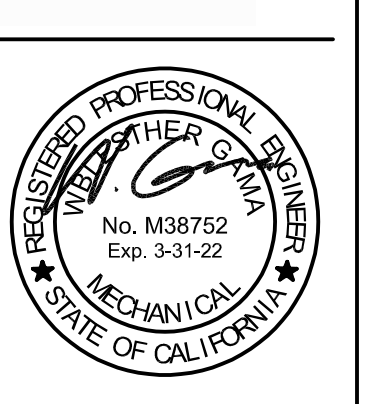
SHEET NOTES

- ① MATCH EXISTING REGISTER SIZE.

KEY PLAN



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MECHANICAL REMODEL FLOOR PLAN - BLDG B
South El Monte HS Modernization
El Monte Union High School District
1001 Dunbar Ave, South El Monte, CA 91733

100% CDs
03/01/2022
Revisions
Date Revision Description
11/10/2022 2 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731

PROJECT #75-20225-00
DSA APPL #34-122081
DSA FILE #19H10

M2.B1

ELECTRIC WATER HEATER SCHEDULE													
SYMBOL	LOCATION	MFR/ MODEL No.	STOR. (GAL.)	RECOV. 1ST HR. RATING (GPH)	TANK SIZE		TEMP.		ELECTRICAL DATA			OPER. WEIGHT (LBS)	REMARKS
					DIA (IN)	HT (IN)	IN (°F)	OUT (°F)	KW	VOLT	PH		
EW-1	STORAGE C106A	BRADFORD WHITE #LE340S3-3	40	49	22.0	47.5	60	120	5.5	208	3	450	WALL MOUNT. SEE DETAIL 8/P0.03
EW-2	TOILET L106	CHRONOMITE #CM-20L/206	-	-	-	-	60	117	4.16	208	1	7	WALL MOUNT. UNDER LAVATORY. CIRCUIT WITH DISCONNECT. SEE DETAIL 7/P0.03
EW-3	MOP ROOM K114	BRADFORD WHITE #LE120L3-3	19	21	18	25	60	120	3	208	1	220	WALL MOUNT. SEE DETAIL 8/P0.03
EW-4	TOILET G102 G104, G106 G108, G110	CHRONOMITE #CM-30L/206	-	-	-	-	60	103	6.24	208	1	7	WALL MOUNT. UNDER LAVATORY. CIRCUIT WITH DISCONNECT. SEE DETAIL 7/P0.03

EXPANSION TANK SCHEDULE								
SYM.	LOCATION	MFR/ MODEL	TANK VOLUME (GALLONS)	ACCEPTANCE VOLUME (GALLONS)	CHARGING PRESSURE (PSIG)	SYSTEM CONNECTION SIZE (NPT)	OPER. WT. (LBS.)	REMARKS
ET-1	STORAGE C106A	AMTROL THERM-X-TROL ST-8-C	3.2	1.9	50	3/4"	33.69	175 PSI ASME CONSTRUCTION SIZED FOR UP TO 50 GALLON STORAGE TANK

CIRCULATING PUMP SCHEDULE												
SYMBOL	LOCATION	MFR/ MODEL No.	TYPE	GPM	HEAD (FT.)	RPM	ELECTRICAL DATA			OPER. WEIGHT (LBS)	REMARKS	
							WATTS	VOLT	PHASE HERTZ			
CP-1	STORAGE C106A	BELL & GOSSET NBF-10S/LW	INLINE	3	10	2800	52	120	1	60	9	ALL BRONZE CONSTRUCTION. COMPLETE WITH AQUASTAT AND TIME CLOCK.

INTERCEPTOR SCHEDULE									
SYMBOL	DESCRIPTION	ROUGH-IN CONNECTION							REMARKS
		IND	W	V	HW	CW	G	MISC	
SI-1	SOLIDS INTERCEPTOR STRIEM SIDEKICK	-	2"	-	-	-	-	-	ON THE FLOOR INSTALLATION UNDER SINK

PLUMBING FIXTURE SCHEDULE										
MARK	FIXTURE	ROUGH-IN SIZE					FIXTURE UNIT		DESCRIPTION/REMARKS	
		TRAP	SW	V	CW	HW	WASTE	WATER		
WC-1	WATER CLOSET (ACC)	INT	4"	2"	1 1/2"	-	4	5	AMERICAN STANDARD MODEL NO. 3461.001 "FLOWISE" FLOOR MTD. VITREOUS CHINA ELONGATED BOWL. SIPHON JET WITH SLOAN ROYAL MANUAL OPERATED. 1.28 GPF ADA COMPLIANT FLUSH VALVE AND OLSONITE #95 OPEN FRONT SEAT.	
L-1	LAVATORY (ACC)	1 1/2"	2"	1 1/2"	3/4"	-	1	1	AMERICAN STANDARD #8355.012 "LUCERNE" VITREOUS CHINA BOWL. WALL HANGER, CHICAGO #620-ABCP SINGLE TEMP METEERING FAUCET WITH 0.5 GPM MANUAL PROOF NON-AERATING OUTLET.	
L-2	LAVATORY (ACC)	1 1/2"	2"	1 1/2"	3/4"	3/4"	1	1	AMERICAN STANDARD #8355.012 "LUCERNE" VITREOUS CHINA BOWL. WALL HANGER, CHICAGO #622-V39V/PBCP DUAL TEMP FAUCET WITH LEVER HANDLES. 0.35 GPM VANDAL PROOF NON-AERATING OUTLET.	
UR-1	URINAL	INT.	2"	1 1/2"	1 1/2"	-	2	4	AMERICAN STANDARD #6590.001 "WASHBROOK FLOWISE" WALL HUNG. VITREOUS CHINA ELONGATED BOWL. WASHOUT FLUSH ACTION. SLOAN ROYAL #186-0.125-DBP MANUAL OPERATED 0.125GPF. JAY R. SMITH #837 CARRIER.	
UR-2	URINAL (ACC)	INT.	2"	1 1/2"	1 1/2"	-	2	4	SAME AS UR-1. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.	
S-1	SINK (ACC)	1 1/2"	2"	1 1/2"	3/4"	3/4"	2	2	JUST #SL-ADA-1921-A-GR, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL. SELF-RIMMING, 19"X21"X12" DEEP, CHICAGO #1100-KN/AE35-317AB (1.5 GPM) FAUCET, CHICAGO #1006 LOOSE. KEY STOPS W/ RIGID SUPPLIES AND 17 GAUGE P-TRAP.	
S-2	SINK (ACC)	1 1/2"	2"	1 1/2"	3/4"	3/4"	2	2	JUST #SL-ADA-1921-A-GR, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL. SELF-RIMMING, 19"X21"X12" DEEP, CHICAGO #201-AE35-317ABCP (1.5 GPM) FAUCET, CHICAGO #1006 LOOSE. KEY STOPS W/ RIGID SUPPLIES AND 17 GAUGE P-TRAP.	
S-3	SINK (ACC)	1 1/2"	2"	1 1/2"	3/4"	-	2	2	JUST #SL-X-2133-A-GR, SINGLE COMPARTMENT, 18 GAUGE TYPE 304 STAINLESS STEEL. SELF-RIMMING, 17"X21"X10" DEEP, CHICAGO #1100-KN/AE35-317AB (1.5 GPM) FAUCET, CHICAGO #1006 LOOSE. KEY STOPS W/ RIGID SUPPLIES AND 17 GAUGE P-TRAP.	
SS-1	SERVICE SINK	3"	3"	2"	3/4"	3/4"	3	3	AMERICAN STANDARD #7741.000 ENAMEL ON CAST IRON, FLOOR MTD. CHICAGO #897-CP WITH ATMOSPHERIC VACUUM BREAKER, PAIL HOOK, WALL BRACE AND MALE HOSE THREADED OUTLET.	
DF-1	DRINKING FOUNTAIN (ACC)	1 1/2"	2"	1 1/2"	3/4"	-	5	5	DASIS #P06B/BLTT, REFRIGERATED DRINKING FOUNTAIN. WITH CONTACTLESS SENSOR, FLEXIBLE ONE-PIECE WATER SAVER BUBBLER GUARD, STAINLESS STEEL TOP AND HEAVY DUTY GALVANIZED STEEL FRAME. BUILT IN FILTER MONITOR AND BOTTLE COUNTER.	
ESEW-1	EMERGENCY SHOWER / EYEWASH	-	-	-	1 1/4"	-	-	-	HAWES MODEL #8300-8300, COMBINATION SHOWER AND EYE/FACE WASH, STAINLESS STEEL 11" ROUND BOWL. SCHEDULE 40 HOT-DIPPED GALVANIZED STEEL PIPE AND FITTINGS. POWDER-COATED CAST IRON 9" DIAMETER FLOOR FLANGE.	
HB-1	HOSE BIBB	-	-	-	3/4"	-	-	1	ACORN #8128 STANDPIPE, ROUGH CHROME PLATED, COMPLETE WITH LOOSE-KEY HANDLE AND VACUUM BREAKER.	
HB-2	HOSE BIBB	-	-	-	3/4"	-	-	1	ACORN #8104 WALL HYDRANT, RECESSED ALUMINUM BOX WITH BUILT IN DRIP LIP, WALL FLANGE. DOOR WITH RECESSED CAM LOCK, OPERABLE BY REMOVABLE WHEEL HANDLE AND VACUUM BREAKER.	
FD-1	FLOOR DRAIN	2"	2"	1 1/2"	1/2"	-	-	-	J.R. SMITH #2026Y-A, HUBLESS CAST IRON BODY. 3" ROUND BRASS GRATE, P-TRAP AND TRAP PRIMER CONNECTION. WITH 1/4" MAX GRATE OPENINGS IN ALL DIRECTIONS.	
TP-1	TRAP PRIMER	-	-	-	-	-	-	-	J.R. SMITH, BRONZE CONSTRUCTION WITH SHUT-OFF VALVE BEHIND ACCESS PANEL. 125 PSIG (860 KPA) MINIMUM. (SIZED PER MANUFACTURERS RECOMMENDATIONS)	
WHA-1	WATER HAMMER ARRESTOR	-	-	-	1/2"	-	-	-	J.R. SMITH "HYDROTROL" 5000 SERIES, BEHIND ACCESS PANEL. (SIZE IN ACCORDANCE WITH PDI STANDARDS)	
CWC-1	COLD WATER CONNECTION	-	-	-	1/2"	-	-	-	GUY GRAY #BIM875, 18 GAUGE FACEPLATE, HOT DIPPED GALVANIZED STEEL WITH COMPRESSION ANGLE VALVE.	
TM-1	THERMOSTATIC MIXING VALVE	-	-	-	3/4"	3/4"	-	-	WHITEHALL MANUFACTURING #MTX-15-070, LEAD FREE ADJUSTABLE THERMOSTATIC MIXING VALVE WITH CHROME PLATED FINISH.	
CWB-1	CLOTHES WASHER BOX	-	2"	1 1/2"	1/2"	1/2"	-	-	GUY GRAY MODEL #FRM12S, RECESSED METAL OUTLET BOX. COMPLETE WITH CHROME QUARTER-TURN VALVE WITH LEVER HANDLE. UL LISTED.	

LABORATORY SAFETY SYSTEM SCHEDULE										
SYMBOL	EQUIPMENT	MFR/ MODEL No.	ELECTRICAL DATA			ROUGH-IN SIZE			DESCRIPTION/REMARKS	
			VOLTS	Mz	PHASE	G	HW / CW	AIR		
CS-1	CONTROL STATION	ISIMET LAV24W-K-F-G-W 120VAC-R	120	60	1Ø	-	-	-	ISIMET LA SERIES LA-1312-R, 120 VAC, BRUSHED 18 GA. STAINLESS STEEL FLUSH MTD. UTILITY CONTROLLER, 6x11.875x4. SIZE COMPLETE W/ (2)TWO CIRCUIT CONTROL SWITCHES, KEYS, RESET, PANIC BUTTON, 15 AMP @ 120 VAC. & ALL SOLENOID VALVES SIZED PER PLANS.	
SV-1	SOLENOID VALVE	ISIMET #S-302-120V	120	60	1Ø	3/4"	-	-	FURNISHED WITH CONTROL STATION (CS-1), 3/4" SIZE, 120 VOLT (WIRING BY ELEC FROM CONTROL STATION) ENCLOSED IN ISIMET S-SERIES ENCLOSURE, MODEL #SE-2212-CW4G2-K-R-F2-U	
SV-2	SOLENOID VALVE	ISIMET #S-224-120V	120	60	1Ø	-	1 1/4"CW	-	FURNISHED WITH CONTROL STATION (CS-1), 1 1/4" SIZE, 120 VOLT (WIRING BY ELEC FROM CONTROL STATION) ENCLOSED IN ISIMET S-SERIES ENCLOSURE, MODEL #SE-2212-CW4G2-K-R-F2-U	
SF-1	SINK FAUCET	CHICAGO #928-317XKCP	-	-	-	-	3/4"CW	-	CHICAGO, DECK MOUNTED COLD WATER ONLY FAUCET WITH RIGID/SWING GOOSENECK SPOUT W/ VACUUM BREAKER, WRIST-BLADE HANDLES AND REMOVABLE SERRATED NOZZLE. REFER TO ARCHITECTURAL PLANS FOR INTEGRAL EPOXY RESIN SINK.	
SF-2	SINK FAUCET	CHICAGO #930-317XKCP	-	-	-	-	3/4"HW/CW	-	CHICAGO, DECK MOUNTED HOT AND COLD WATER FAUCET WITH RIGID/SWING GOOSENECK SPOUT W/ VACUUM BREAKER, WRIST-BLADE HANDLES AND REMOVABLE SERRATED NOZZLE. REFER TO ARCHITECTURAL PLANS FOR INTEGRAL EPOXY RESIN SINK.	
GO-1	GAS OUTLET	CHICAGO #982-909CAGCP	-	-	-	3/4"	-	-	CHICAGO DOUBLE OUTLET DECK MOUNTED GAS TURRET WITH SHANK AND (2)TWO "GAS" INDEXED BALL VALVES WITH LEVER HANDLES. HOSE NOZZLE AND BUILT-IN CHECK VALVES.	

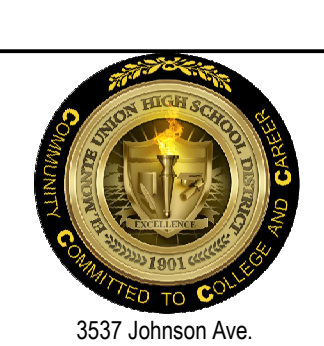
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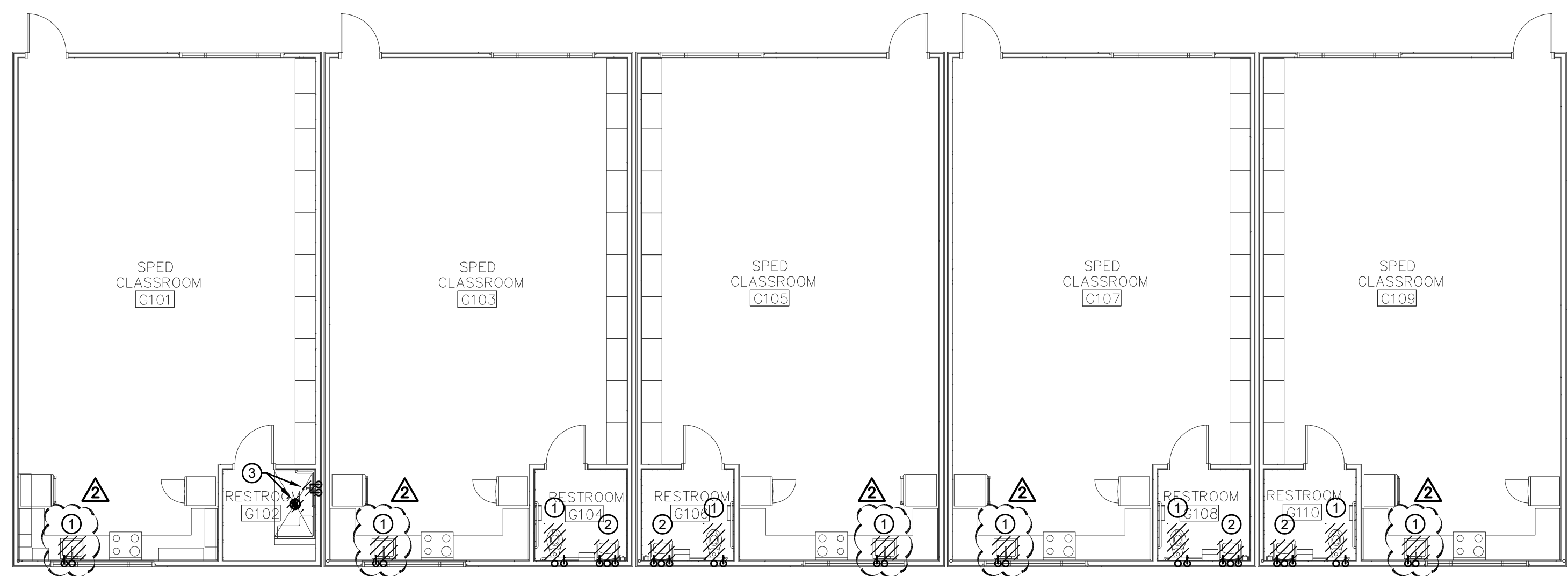
PLUMBING SCHEDULES
South El Monte HS Modernization
El Monte Union High School District
1001 Dufferin Ave., South El Monte, CA 91733

100% CDs
03/01/2022
Revision
Date Revision Description
11/02/22 2 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #04-122081
DSA FILE #19-H10

P0.02



PLUMBING DEMOLITION PLAN - BLDG G - LEVEL 1

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

SHEET NOTES

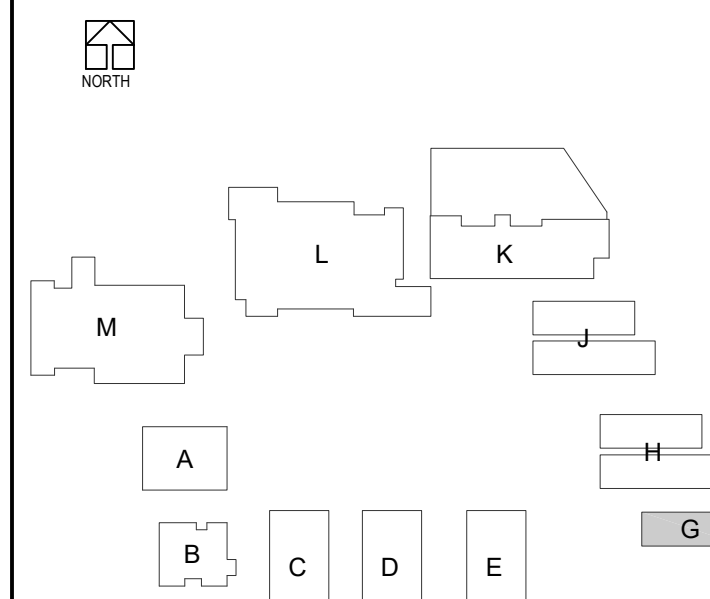
- ① REMOVE AND DISPOSE OF FIXTURE. MODIFY, EXTEND, REWORK EXISTING UTILITY PIPING AS REQUIRED TO ACCOMMODATE REPLACEMENT FIXTURE.
- ② REMOVE AND DISPOSE OF FIXTURE. REMOVE PIPING BACK TO WITHIN WALL, MODIFY, EXTEND, REWORK EXISTING UTILITY PIPING AS REQUIRED FOR RECONNECTION TO NEW FIXTURE LOCATION.
- ③ REMOVE AND DISPOSE OF FIXTURE AND FLOOR DRAIN. REMOVE PIPING BACK TO WITHIN WALL, MODIFY, EXTEND, REWORK EXISTING UTILITY PIPING AS REQUIRED FOR CONNECTION TO NEW FIXTURES.



PLUMBING DEMOLITION FLOOR PLAN - BLDG. G MODULARS
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Duffer Ave, South El Monte, CA 91733

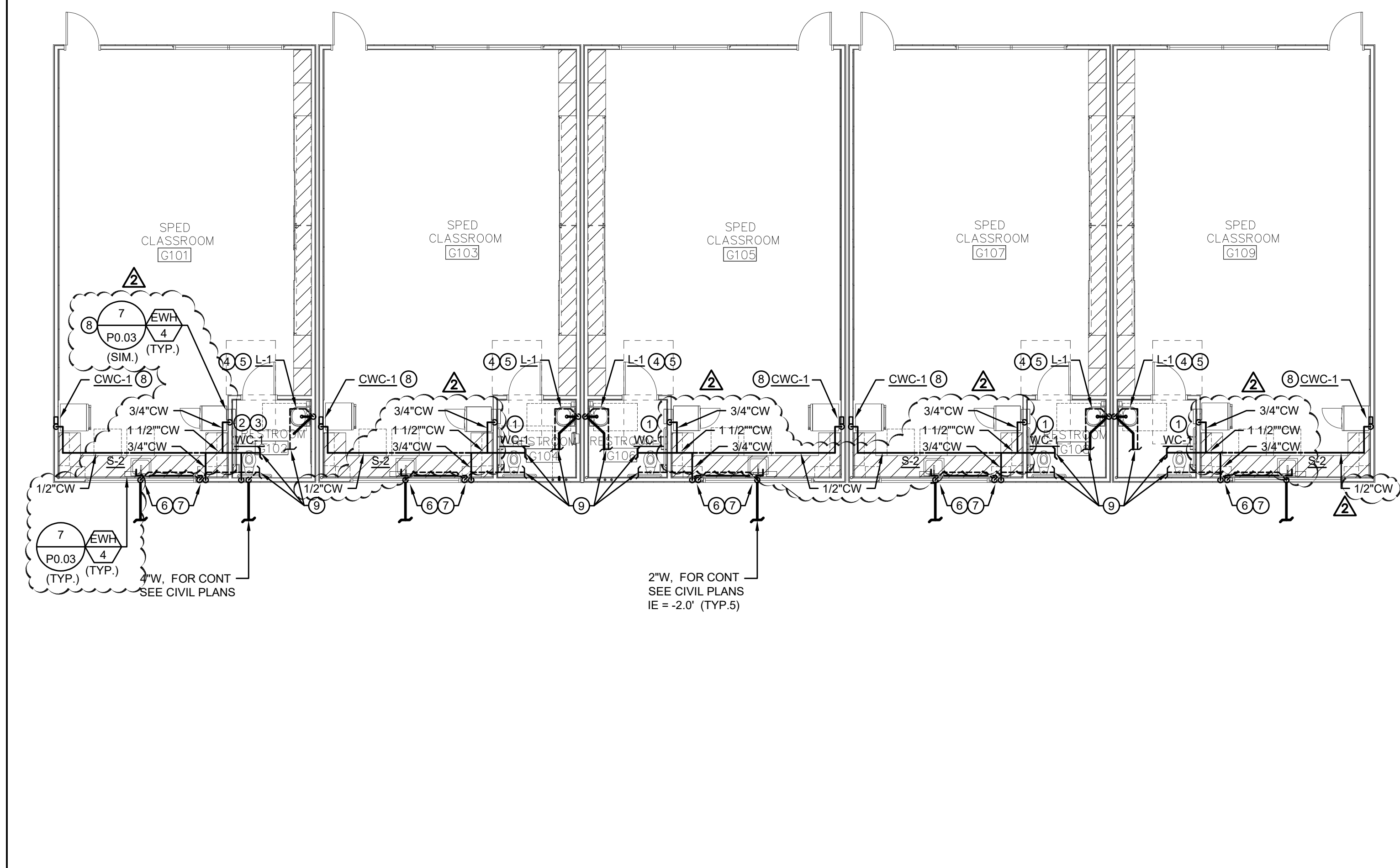
100% CDs
 03/01/2022
 Revision
 Date Revision Description
 11/16/2022 2 ADDENDUM 2

KEY PLAN



3537 Johnson Ave.
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #04-122081
 DSA FILE #19-H10

PD2.G1

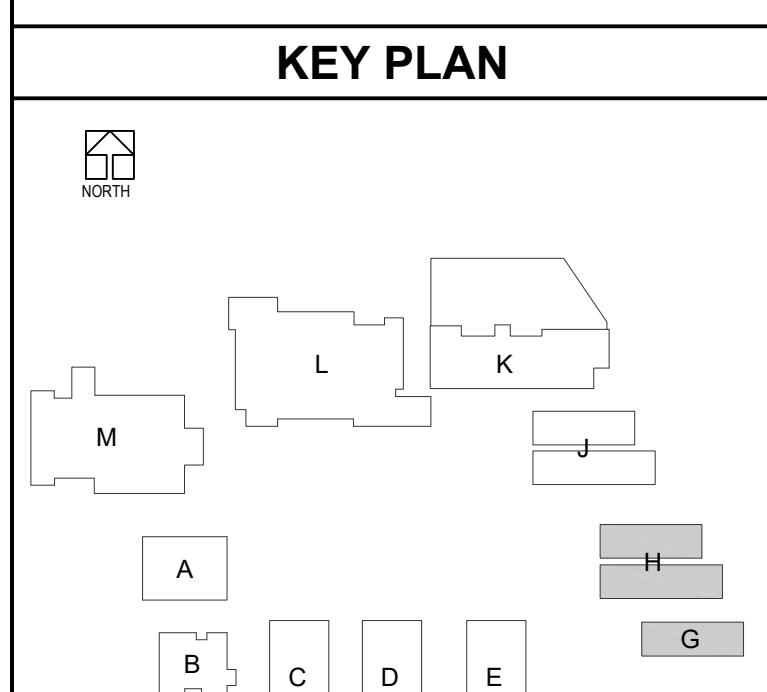


PLUMBING PLAN - BLDG G - LEVEL 1
SCALE: 1/8" = 1'-0"



PLUMBING PLAN - BLDG H - LEVEL 1
SCALE: 1/8" = 1'-0"

- SHEET NOTES**
- ① CONNECT FIXTURE TO EXISTING UTILITIES AS REQUIRED AND MAKE FULLY FUNCTIONAL. REFER TO ARCH PLANS FOR ADA REQUIREMENTS.
 - ② 4"W DOWN, 2"V UP IN WALL. CONNECT TO UTILITIES BELOW FLOOR AND/OR IN WALL. CONTRACTOR SHALL FIELD VERIFY POC LOCATION.
 - ③ 1 1/2"CW DOWN IN WALL WITH SOV AND WHA-1. INSTALL BOTH BEHIND ACCESS PANEL. CONTRACTOR SHALL FIELD VERIFY POC LOCATION.
 - ④ 2"W DOWN, 1 1/2"V UP IN WALL. CONNECT TO EXISTING UTILITIES BELOW FLOOR AND/OR IN WALL. CONTRACTOR SHALL FIELD VERIFY.
 - ⑤ 3/4"HW AND/OR CW UTILITY PIPING DOWN IN WALL. CONTRACTOR SHALL FIELD VERIFY.
 - ⑥ 2"W DOWN, 1 1/2"V UP. OFFSET AND ROUTED TIGHT TO UNDER SIDE OF COUNTER TOP AND UP IN WALL TO ABOVE CEILING.
 - ⑦ 3/4"CW DOWN IN WALL AND ROUTED TIGHT TO UNDER SIDE OF COUNTER TOP.
 - ⑧ 1/2"CW DOWN IN WALL AND CONNECT TO REFRIGERATOR CONNECTION.
 - ⑨ EXTEND UTILITIES TO EXISTING ABOVE CEILING. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, PIPE SIZE AND CONNECT.
 - ⑩ 2"W DOWN, 1 1/2"V UP THRU ROOF. 3/4"CW UP FROM BELOW GRADE TO FIXTURE.
 - ⑪ 1/2"CW ROUTED BELOW FLOOR AND EXTEND TO CONNECTION AT REFRIGERATOR.
CONNECT WATER HEATER TO WASHER



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PLUMBING REMODEL FLOOR PLAN - BLDGS. G & H MODULARS
South El Monte HS Modernization
El Monte Union High School District
1001 Duifer Ave, South El Monte, CA 91733

100% CDs
03/01/2022

Revision	Date	Revision	Description
1	11/16/2022	2	ADD ROOM 2

3537 Johnson Ave.
El Monte, CA 91731

PROJECT #75-20225-00
DSA APPL #04-122081
DSA FILE #19-H10

P2.G1

ELECTRICAL ABBREVIATIONS

Table with 2 columns: Abbreviation and Full Name. Includes entries like AF (AMPERE FUSE RATING), AIC (AMPS INTERRUPTED CAPACITY RATING), AM (AMPERES), etc.

ELECTRICAL SYMBOLS LIST

Table with 2 columns: Symbol and Description. Includes symbols for equipment with 'E' adjacent, existing equipment with 'R' adjacent, relocated equipment, etc.

Table with 2 columns: Symbol and Description. Includes symbols for digital room controller/power pack, digital photocell, digital receptacle, etc.

Table with 2 columns: Symbol and Description. Includes symbols for single phase fractional or integral horsepower, surface non-metal raceway, wire basket cable support system, etc.

FOR FIRE ALARM LEGEND SEE SHEET E3.01

Vertical sidebar containing project information: ELECTRICAL SYMBOLS LIST AND ABBREVIATIONS, South El Monte HS Modernization, DLR Group logo, and project details.

LIGHTING FIXTURE SCHEDULE					
TYPE	DESCRIPTION	FINISH	LAMP(S)	REMARKS	MANUFACTURER & NO.
A 46	2x4' LED RECESSED TROFFER WITH DIRECT INDIRECT APPEARANCE, TRANSLUCENT ACRYLIC LENS AND FULLY ENCLOSED LIGHT SOURCE COMPARTMENT. 120V OR 277V.	BAKED WHITE ENAMEL	LED 4000K 4000 LUMEN MINIMUM	TYPE "A1": SIMILAR TO TYPE "A" EXCEPT 3000 LUMENS MINIMUM	PHILLIPS DAY-BRITE #HL524G-LR14L04LAG EQUAL BY HE WILLIAM #DL SERIES, LITHONIA #2VTL SERIES
B 33	SURFACE MOUNTED 4' LONG LED FIXTURE WITH HEAVY GAUGE COLD ROLLED STEEL HOUSING AND CONTOURED ACRYLIC LENS. 120V OR 277V.	BAKED WHITE ENAMEL	LED 4000K 4000 LUMEN MINIMUM	TYPE "B1": SIMILAR TO TYPE "B" EXCEPT 3' IN LENGTH AND 3000 LUMENS MINIMUM	PHILLIPS DAY-BRITE #LFR4R3940UDZT EQUAL BY HE WILLIAMS, LITHONIA
C 5	EMERGENCY EXIT LIGHT, LED TYPE, RED LETTERS SINGLE FACE, WALL, CEILING OR END MOUNT, WITH DIRECTIONAL ARROWS SHOWN. 277V. PROVIDE WITH 90 MINUTE MINIMUM EMERGENCY POWER PROVISION.	BRUSHED ALUMINUM TRIM	LED	TYPE "C": VERIFY MOUNTING CONFIGURATION AND ARROWS PRIOR TO ORDERING FIXTURES	PHILLIPS CHLORIDE #ER44RLDU1-R EQUAL BY EMERGLITE, LITHONIA
D 38	SURFACE MOUNTED VANDAL RESISTANT LED LIGHT FIXTURE WITH 0.135" MIN. THICK POLYCARBONATE LENS AND MARINE GRADE ALUMINUM HOUSING. 120V OR 277V.	CUSTOM COLOR AS SELECTED BY THE ARCHITECT	LED 4000K 2900 LUMEN MINIMUM	TYPE "D1": SIMILAR TO TYPE "D" EXCEPT 3500 LUMENS MINIMUM	PHILLIPS DAY-BRITE #LPL-R-4L45-40K-UNV-F2-CS EQUAL BY NEWSTAR LIGHTING, KENALL
E 20	4' SQUARE LED DOWNLIGHT WITH SEMI-SPECULAR LOWER REFLECTOR AND CLEAR TRIM. 2000 LUMEN MIN. OUTPUT. 73° BEAM ANGLE.	WHITE	LED 4000K 2000 LUMEN MINIMUM	PROVIDE EMERGENCY BATTERY PACK WHERE NOTED ON DRAWINGS.	GOTHAM #EV04SD-40-20-AR-LSS-MVOLT-EZ10 EQUAL BY PRESCOLITE, CREE, COOPER
F 28	PENDANT MOUNTED CONTINUOUS ROW DIRECT INDIRECT LED FIXTURE WITH EXTRUDED ALUMINUM HOUSING AND ACRYLIC LENS. AIR CRAFT CABLE MOUNT. 277V.	SILVER	LED 4000K 3200 LUMEN MINIMUM	TYPE "F": CONTRACTOR SHALL FIELD VERIFY ROW LENGTHS AND PROVIDE INSTALLATION SHOP DRAWINGS.	AXIS #FBS0LED-400-400-80-40-8W-BW-S(L)-AP-UNV-DP EQUAL BY CORONET, GAMMALUX, PRUDENTIAL LIGHTING
G 40	PENDANT MOUNTED 8'-0" DIRECT LED FIXTURE WITH EXTRUDED ALUMINUM HOUSING AND ACRYLIC LENS. AIR CRAFT CABLE MOUNT. 277V.	BLACK	LED 4000K 4000 LUMEN MINIMUM	TYPE "G": CONTRACTOR SHALL FIELD VERIFY ROW LENGTHS AND PROVIDE INSTALLATION SHOP DRAWINGS.	AXIS #B2SQLED-1000-80-40-SO-8-BLK-UNV-DP-1 EQUAL BY CORONET, GAMMALUX, PRUDENTIAL LIGHTING
H 31	RECESSED MOUNTED 8'-0" DIRECT LED FIXTURE WITH EXTRUDED ALUMINUM HOUSING AND ACRYLIC LENS. 277V.	WHITE	LED 4000K 2500 LUMEN MINIMUM	TYPE "H": CONTRACTOR SHALL FIELD VERIFY ROW LENGTHS AND PROVIDE INSTALLATION SHOP DRAWINGS.	AXIS #CLKLED-900-80-40-SO-8-W-UNV-DP-1 EQUAL BY CORONET, GAMMALUX, PRUDENTIAL LIGHTING
I 18	PERIMETER SLOT WALL WASH LED FIXTURE WITH 4" WIDE SOFFIT AND FROSTED ACRYLIC DIFFUSER. 277V.	WHITE	LED 4000K	TYPE "I": PROVIDE INSTALLATION SHOP DRAWINGS PRIOR TO ORDERING. PROVIDE TELESCOPING END CAPS AS REQUIRED FOR A COMPLETE FINISHED INSTALLATION.	LITECONTROL #BL0-PT1-98-C1-40K-0050-D01-1C-UNV-SE EQUAL BY MARK LIGHTING, PRUDENTIAL LIGHTING
J 39	PENDANT MOUNTED 3' ROUND DIRECT LED FIXTURE WITH EXTRUDED ALUMINUM HOUSING AND FROSTED ACRYLIC LENS. AIR CRAFT CABLE MOUNT. 277V. MOUNT AT 8'-6"	SILVER	LED 4000K 3200 LUMEN MINIMUM	TYPE "J1/2": SIMILAR TO TYPE "J" EXCEPT 4' ROUND AND 4333 LUMENS MINIMUM	DELRAY LIGHTING #UC3-S-W40-SR-D EQUAL BY CORNET, PRUDENTIAL, AXO LIGHTING
K 65	PENDANT MOUNTED 5' ROUND INDIRECT LED FIXTURE WITH EXTRUDED ALUMINUM HOUSING AND FROSTED ACRYLIC LENS. AIR CRAFT CABLE MOUNT. 277V. MOUNT AT 8'-6"	SILVER	LED 4000K 5416 LUMEN MINIMUM	TYPE "K": CONTRACTOR SHALL FIELD VERIFY ROW LENGTHS AND PROVIDE INSTALLATION SHOP DRAWINGS.	DELRAY LIGHTING #UC3-S-W40-SR-D EQUAL BY CORNET, PRUDENTIAL, AXO LIGHTING
L 25	4' PENDANT MOUNTED CYLINDER WITH SEMI-SPECULAR LOWER REFLECTOR AND CLEAR TRIM. 2500 LUMEN MIN. OUTPUT. 67° BEAM ANGLE.	WHITE	LED 4000K 2500 LUMEN MINIMUM	PROVIDE EMERGENCY BATTERY PACK WHERE NOTED ON DRAWINGS.	GOTHAM #EV04PC-40-25-AR-MWD-LSS-MVOLT-EZ10-JB-PCAN EQUAL BY PRESCOLITE, CREE, COOPER
M 40	PENDANT MOUNTED 4'-0" DIRECT LED FIXTURE WITH EXTRUDED ALUMINUM HOUSING AND ACRYLIC LENS. AIR CRAFT CABLE MOUNT. 277V. CUSTOM PATTERN.	CUSTOM COLOR AS SELECTED BY THE ARCHITECT	LED 4000K 4000 LUMEN MINIMUM	TYPE "M": CONTRACTOR SHALL VERIFY MOUNTING HEIGHTS, CONFIGURATION AND PROVIDE INSTALLATION SHOP DRAWINGS.	AXIS #FBS0LEDPAT-T-1-1000-80-40-SO-1-C-UNV-DP-1 EQUAL BY CORONET, GAMMALUX, PRUDENTIAL LIGHTING
N 8	SURFACE MOUNTED UNDER CABINET LIGHT FIXTURE WITH 1" DEEP PROFILE AND LED SOURCE. 277V.	WHITE	LED 3500K	TYPE "N": CONTRACTOR SHALL FIELD VERIFY MOUNTING HEIGHTS, CONFIGURATION AND PROVIDE INSTALLATION SHOP DRAWINGS.	PHILLIPS DAY-BRITE #LINC3100E-L28-935-277-MB-DIM EQUAL BY FINELITE, BRUCK LIGHTING
O 20	4' ROUND LED DOWNLIGHT WITH SEMI-SPECULAR LOWER REFLECTOR AND CLEAR TRIM. 2000 LUMEN MIN. OUTPUT. 57° BEAM ANGLE.	WHITE	LED 4000K 2000 LUMEN MINIMUM	PROVIDE EMERGENCY BATTERY PACK WHERE NOTED ON DRAWINGS.	GOTHAM #EV04SD-40-20-AR-AWD-LSS-MVOLT-EZ10 EQUAL BY PRESCOLITE, CREE, COOPER
P 2.8	LED SURFACE FLEXIBLE CONTINUOUS LINEAR FIXTURE. IP65 RATED. 2.8W PER FOOT U.L. LISTED FOR WET LOCATION.	WHITE POLYMER	LED 4000K	TYPE "P": PROVIDE INSTALLATION SHOP DRAWINGS PRIOR TO ORDERING. PROVIDE ALL REQUIRED MOUNTING HARDWARE, DRIVERS, CONNECTION, ETC FOR A COMPLETE INSTALLATION.	LIGHT TECHNOLOGIES #T-24-G40-W-XX-NC-00
Q 30	6" PENDANT MOUNTED CYLINDER WITH SEMI-SPECULAR LOWER REFLECTOR AND CLEAR TRIM. 3000 LUMEN MIN. OUTPUT. 71° BEAM ANGLE.	BLACK	LED 3500K 3000 LUMEN MINIMUM	TYPE "Q": CONTRACTOR SHALL FIELD VERIFY MOUNTING HEIGHTS, CONFIGURATION AND PROVIDE INSTALLATION SHOP DRAWINGS.	GOTHAM #EV04PC-36-30-AR-WD-LSS-MVOLT-EDXB-SGBCC-PCAN-DBL EQUAL BY PRESCOLITE, CREE, COOPER
R 12	SURFACE MOUNTED LED "MARQUEE" LIGHTING FIXTURE WITH A EXTRUDED ALUMINUM HOUSING, CLEAR LENS, 120 DEGREE BEAM SPREAD AND, U.L. LISTED FOR WET LOCATION, CONTINUOUS ROW.	COLOR BY ARCHITECT	LED 4000K	TYPE "R": PROVIDE ALL NECESSARY COMPONENTS (POWER SUPPLIES, DRIVERS, ETC.) AND HARDWARE FOR A COMPLETE INSTALLATION. PROVIDE INSTALLATION SHOP DRAWINGS. PROVIDE SURGE PROTECTOR AS REQUIRED PER THE MANUFACTURER.	CALIFORNIA ACCENT LIGHTING #ALS50T-CL120-NA-4-0K-3W-NA-HO-WET-1P67-UNV-XX EQUAL BY ECOSENSE OR VOLT LIGHTING

ACCEPTANCE TESTING

MANDATORY ACCEPTANCE TESTING PER TITLE 24, PART 6 SECTION 130.4 SHALL BE AS FOLLOWS:

THE CONTRACTOR SHALL PROVIDE THE ACCEPTANCE TESTING AGENT. THE ACCEPTANCE TESTING AGENT SHALL BE A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (CLCATT). THE CLCATT SHALL PERFORM ALL LIGHTING CONTROL INSTALLATION CERTIFICATION AS REQUIRED BY TITLE 24, PART 6 SECTION 130.4 (a) AND 130.4 (b). THIS SHALL INCLUDE, BUT NOT LIMITED TO, FILLING OUT, SIGNING AND SUBMITTING ALL REQUIRED DOCUMENTATION.

THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE LIGHTING CONTROL SYSTEMS WITH THE CLCATT PRIOR TO INSTALLATION.

LIGHTING CONTROL SYSTEM SEQUENCE OF OPERATIONS

REFER TO LIGHTING PLANS FOR QUANTITY AND LOCATION OF ALL LIGHTING CONTROL COMPONENTS AND LIGHT FIXTURES; IDENTIFICATION OF LIGHT FIXTURE AND DEVICE SWITCH LEG IDENTIFICATION. REFER TO THE LIGHTING CONTROL WIRING DIAGRAMS FOR ADDITIONAL INFORMATION. LIGHTING CONTROL SHALL BE INSTALLED IN COMPLIANCE WITH 2019 CALIFORNIA ENERGY CODE (CEC) SECTION 130.1 MINIMUM.

OFFICE/WORKROOMS/RECEPTION AREAS/LIBRARIES (GENERAL LIGHTING) - ROOM OCCUPANCY SENSOR(S) SHALL TURN LIGHT FIXTURES OFF WHEN ROOM HAS BEEN UNOCCUPIED FOR 20 MINUTES. LIGHT FIXTURES SHALL BE TURNED ON TO 50 PERCENT WHEN ROOM BECOMES OCCUPIED. WHEN LIGHT FIXTURES ARE TURNED ON AT WALL SWITCH, THEY SHALL BE SET OR COME ON TO FULL BRIGHTNESS OR PRESET FOOT CANDLE LEVELS.

WALL DIMMERS SHALL BE USED FOR MANUAL CONTROL OF LIGHT FIXTURES AND SHALL BE EQUIPPED WITH AN ON/OFF SWITCH.

LIGHT FIXTURES WHICH ARE REQUIRED TO HAVE AUTOMATIC "DAYLIGHTING" CONTROLS SHALL ALSO BE CONTROLLED WITH A PHOTOCELL. IN ADDITION TO OCCUPANCY SENSORS AND WALL DIMMERS, THE PHOTOCELL SHALL MEASURE THE AMOUNT OF DAYLIGHT ENTERING THE SPACE AND REDUCE THE LIGHT OUTPUT OF THE LIGHT FIXTURES TO MAINTAIN THE DESIGNED FOOT CANDLE LEVELS IN THE ROOM. WALL DIMMERS SHALL ALLOW THE LIGHT FIXTURES TO DIM LOWER THAN THE LIGHT BEING MEASURED IN THE ROOM, BUT NOT HIGHER.

WHERE CONTROLLED RECEPTACLES ARE SHOWN, THEY SHALL BE CONTROLLED BY THE ROOM OCCUPANCY SENSOR AND LIGHTING CONTROL SYSTEM. OCCUPANCY SENSOR SETTINGS USED FOR CONTROLLING LIGHT FIXTURES SHALL BE USED FOR CONTROLLING THE RECEPTACLES.

CLASSROOMS/MULTIPURPOSE ROOMS/GYMNASIUMS - ROOM OCCUPANCY SENSOR(S) SHALL TURN LIGHT FIXTURES OFF WHEN ROOM HAS BEEN UNOCCUPIED FOR 20 MINUTES. LIGHT FIXTURES SHALL BE TURNED ON TO 50 PERCENT WHEN ROOM BECOMES OCCUPIED. WHEN LIGHT FIXTURES ARE TURNED ON AT WALL SWITCH, THEY SHALL BE SET OR COME ON TO FULL BRIGHTNESS OR PRESET FOOT CANDLE LEVELS.

WALL DIMMERS SHALL BE USED FOR MANUAL CONTROL OF LIGHT FIXTURES AND SHALL BE EQUIPPED WITH AN ON/OFF SWITCH. WHERE MULTI-BUTTON SWITCHES(DIMMERS) ARE USED, EACH BUTTON SHALL BE PROGRAMMED FOR A SPECIFIC LIGHTING SCENE. ACTIVATION OF A SPECIFIC BUTTON SHALL AUTOMATICALLY RECALL THE LIGHTING SCENE. "ON/OFF" AND MANUAL DIMMING CONTROL FUNCTIONS SHALL OVERRIDE PRESET SCENES. REFER TO LIGHTING CONTROL WIRING DIAGRAMS FOR SCENE SETTINGS AND SWITCH BUTTON IDENTIFICATION WHERE REQUIRED.

LIGHT FIXTURES WHICH ARE REQUIRED TO HAVE AUTOMATIC "DAYLIGHTING" CONTROLS SHALL ALSO BE CONTROLLED WITH A PHOTOCELL. IN ADDITION TO OCCUPANCY SENSORS AND WALL DIMMERS, THE PHOTOCELL SHALL MEASURE THE AMOUNT OF DAYLIGHT ENTERING THE SPACE AND REDUCE THE LIGHT OUTPUT OF THE LIGHT FIXTURES TO MAINTAIN THE DESIGNED FOOT CANDLE LEVELS IN THE ROOM. WALL DIMMERS SHALL ALLOW THE LIGHT FIXTURES TO DIM LOWER THAN THE LIGHT BEING MEASURED IN THE ROOM, BUT NOT HIGHER.

CORRIDORS - CORRIDOR OCCUPANCY SENSORS SHALL REDUCE THE LIGHTING POWER BY 50% WHEN CORRIDOR HAS BEEN UNOCCUPIED FOR 5 MINUTES. LIGHT FIXTURES SHALL BE COMPLETELY TURNED OFF WHEN SPACE IS OCCUPIED. WHEN LIGHT FIXTURES ARE TURNED ON, THEY SHALL BE SET TO FULL BRIGHTNESS OR PRESET FOOT CANDLE LEVELS.

WALL SWITCHES SHALL BE USED FOR MANUAL "ON/OFF" CONTROL OF LIGHT FIXTURES.

WHERE SHOWN ON PLANS, WALL DIMMERS SHALL BE USED FOR MANUAL CONTROL OF LIGHT FIXTURES AND SHALL BE EQUIPPED WITH AN "ON/OFF" SWITCH.

RESTROOMS - ROOM OCCUPANCY SENSOR(S) SHALL TURN LIGHT FIXTURES OFF WHEN ROOM HAS BEEN UNOCCUPIED FOR 15 MINUTES. LIGHT FIXTURES SHALL BE AUTOMATICALLY TURNED ON WHEN ROOM BECOMES OCCUPIED. WHEN LIGHT FIXTURES ARE TURNED ON, THEY SHALL BE SET TO FULL BRIGHTNESS OR PRESET FOOT CANDLE LEVELS.

WALL SWITCHES SHALL BE USED FOR MANUAL "ON/OFF" CONTROL OF LIGHT FIXTURES.

WHERE SHOWN ON PLANS, WALL DIMMERS SHALL BE USED FOR MANUAL CONTROL OF LIGHT FIXTURES AND SHALL BE EQUIPPED WITH AN "ON/OFF" SWITCH.

STORAGE ROOMS - ROOM OCCUPANCY WALL SENSOR(S) SHALL TURN LIGHT FIXTURES OFF WHEN ROOM HAS BEEN UNOCCUPIED FOR 15 MINUTES. LIGHT FIXTURES SHALL BE MANUALLY TURNED ON WHEN ROOM IS OCCUPIED. WHEN LIGHT FIXTURES ARE TURNED ON, THEY SHALL BE SET TO FULL BRIGHTNESS OR PRESET FOOT CANDLE LEVELS.

WALL SWITCHES SHALL BE USED FOR MANUAL "ON/OFF" CONTROL OF LIGHT FIXTURES.

WHERE SHOWN ON PLANS, WALL DIMMERS SHALL BE USED FOR MANUAL CONTROL OF LIGHT FIXTURES AND SHALL BE EQUIPPED WITH AN "ON/OFF" SWITCH.

LIBRARY STACK AISLE - OCCUPANCY SENSORS CONTROLLING LIGHT FIXTURES ILLUMINATING BOOK STACK AISLES MATCHING THE REQUIREMENTS OF CEC 131C1.6.8 SHALL REDUCE THE LIGHTING POWER BY 50% WHEN THE BOOK STACK AISLE IS UNOCCUPIED FOR 5 MINUTES. LIGHT FIXTURES SHALL BE COMPLETELY TURNED OFF WHEN BOOK STACK AISLES HAVE BEEN UNOCCUPIED FOR 20 MINUTES. LIGHT FIXTURES SHALL AUTOMATICALLY COME ON WHEN BOOK STACK AISLES ARE OCCUPIED. WHEN LIGHT FIXTURES ARE TURNED ON, THEY SHALL BE SET TO FULL BRIGHTNESS OR PRESET FOOT CANDLE LEVELS.

LIGHT LEVELS:
LIGHTING LEVELS (FOOT CANDLES) WILL BE DESIGNED IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY (IES) GUIDELINES. THE FOLLOWING LIGHTING LEVELS WILL BE PROVIDED:

AREA	MAINTAINED LIGHTING LEVEL AT THE WORK PLANE
OFFICES	40-50
LOBBY	20-30
CORRIDORS	10-20
STORAGE/JANITOR'S ROOM	10-20
TOILETS	20-30
ELECTRICAL/MECHANICAL ROOMS	20-30
COMMUNICATIONS EQUIPMENT ROOMS	50-70
CLASSROOMS	40-50
KITCHENS	40-50
GYMNASIUM	50-100
LIBRARY	40-50

LIGHTING FIXTURE NOTES

- EXIT SIGNS WITH THROUGH WIRING SHALL BE EQUIPPED WITH A SEPARATE JUNCTION BOX FOR TERMINATION OF CONDUITS. FURNISH A SEPARATE BOX FOR EACH CIRCUIT.
- CONTRACTOR SHALL VERIFY ALL MOUNTING REQUIREMENTS FOR ALL RECESSED LIGHTING FIXTURES. PRIOR TO SHOP DRAWINGS SUBMITTALS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE MOUNTING HARDWARE THAT IS COMPATIBLE WITH THE CEILING AND THE CONFIGURATION OF THE LIGHTING LAYOUT.
- FOR LIGHTING FIXTURE VOLTAGE RATINGS, THE CONTRACTOR IS RESPONSIBLE TO VERIFY FIXTURE AND DRIVER VOLTAGES WITH BRANCH CIRCUIT WIRING.
- LAMP COLOR FOR LED FIXTURES SHALL BE 4000°K U.N.O.
- LENSES OF ALL LED LIGHTING FIXTURES SHALL NOT BE LESS THAN 0.125" THICK, EQUAL TO KSH-K12 WHERE APPLICABLE.
- FOR FIXTURES RECESSED INTO NON-COMBUSTIBLE CEILINGS, PROVIDE YOKE MOUNTED OUTLET BOXES, ACCESSIBLE FROM INSIDE FIXTURE.
- FIXTURES SHALL BE U.L. LISTED FOR INTENDED LOCATION.
- FINISH OF FIXTURES SHALL BE AS SELECTED BY ARCHITECT.
- LIGHTING FIXTURES IN MECHANICAL SPACES ARE SHOWN IN THEIR APPROXIMATE LOCATION ONLY. DO NOT INSTALL LIGHT OUTLETS FOR FIXTURES UNTIL MECHANICAL PIPING AND DUCTWORK ARE INSTALLED. THEN LIGHTING FIXTURES SHALL BE INSTALLED IN LOCATIONS BEST SUITED FOR EQUIPMENT ARRANGEMENT AND AS APPROVED BY THE PROJECT MANAGER.
- THE CONTRACTOR SHALL VERIFY ALL WINDOW HEIGHTS AND DAYLIT ZONES PRIOR TO INSTALLATION OF LIGHTING CONTROLS.
- ALL LED LIGHT FIXTURES SHALL BE TESTED TO LM-79 AND LM-80 IES STANDARDS.

SUSPENDED ACOUSTICAL CEILINGS:

HEAVY DUTY GRID SYSTEM:
FLUSH OR RECESSED LIGHT FIXTURES WEIGHING LESS THAN 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM. IN ADDITION, THEY SHALL HAVE A MINIMUM OF TWO 12 GAUGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4 FOOT BY 4 FOOT LIGHT FIXTURES SHALL HAVE SLACK SAFETY WIRES AT EACH CORNER. ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING 56 POUNDS OR MORE SHALL BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT 12 GAUGE WIRES EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE, REGARDLESS OF THE TYPE OF CEILING GRID SYSTEM USED. THE 4 TAUT 12 GAUGE WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE SHALL BE CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE UNIT.

SURFACE MOUNTED FIXTURES:
SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE EACH SUPPORTED FROM THE STRUCTURE ABOVE BY A 12 GAUGE WIRE. SPRING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER ARE NOT ACCEPTABLE. PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE EIGHT FEET OR LONGER.

SUSPENDED DRYWALL CEILINGS:
ALL RECESSED OR DROP-IN LIGHT FIXTURES SHALL BE SUPPORTED DIRECTLY BY MAIN RUNNERS OR BY SUPPLEMENTAL FRAMING WHICH IS SUPPORTED BY MAIN RUNNERS. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE CEILING CONTRACTOR TO PROVIDE APPROPRIATE FRAMING AND LOCATION FOR FIXTURES. SURFACE MOUNTED FIXTURES SHALL BE ATTACHED TO A MAIN RUNNER WITH A POSITIVE CLAMPING DEVICE MADE OF MATERIAL WITH A MINIMUM OF 14 GAUGE. ROTATIONAL SPRING CATCHES SHALL NOT BE ALLOWED.

PENDANT MOUNTED FIXTURES:
PENDANT MOUNTED FIXTURES SHALL BE SUPPORTED BY A WIRE OR (SAFETY) CABLE PASSING THROUGH EACH PENDANT HANGER AND CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE FIXTURE. WHERE PENDANT MOUNTED FIXTURES ARE INSTALLED ON A GRID CEILING OR WHERE THE FIXTURE WEIGHS 50 POUNDS OR MORE, THE WIRE OR CABLE PASSING THROUGH THE PENDANT HANGER SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE.

PENDANT MOUNTED FIXTURES SHALL BE SUPPLIED WITH SWIVEL HANGERS AND SHALL BE CAPABLE OF SWINGING 45 DEGREES IN ANY DIRECTION FROM PLUMB WITHOUT OBSTRUCTION. FIXTURES SHALL HAVE STEMS WHICH ARE ONE PIECE WITHOUT COUPLING AND ARE TO HAVE THE SAME FINISH AS THE FIXTURE AND SWIVEL HANGER CANOPY. INDUSTRIAL TYPE FLUORESCENT FIXTURES INSTALLED IN AREAS OR ROOMS WITH EXPOSED STRUCTURE (NO CEILING) MAY BE CHAIN HUNG IN LIEU OF PROVIDING A STEM AND CANOPY. WHERE FIXTURES CAN NOT SWING UNOBSTRUCTED 45 DEGREES IN ANY DIRECTION, ADDITIONAL GUY WIRES OR SOLID BRACING IS REQUIRED. THE CONTRACTOR SHALL SUBMIT THE METHOD OF BRACING TO THE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.

LIGHTING FIXTURE SCHEDULE AND NOTES
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Duffer Ave, South El Monte, CA 91733

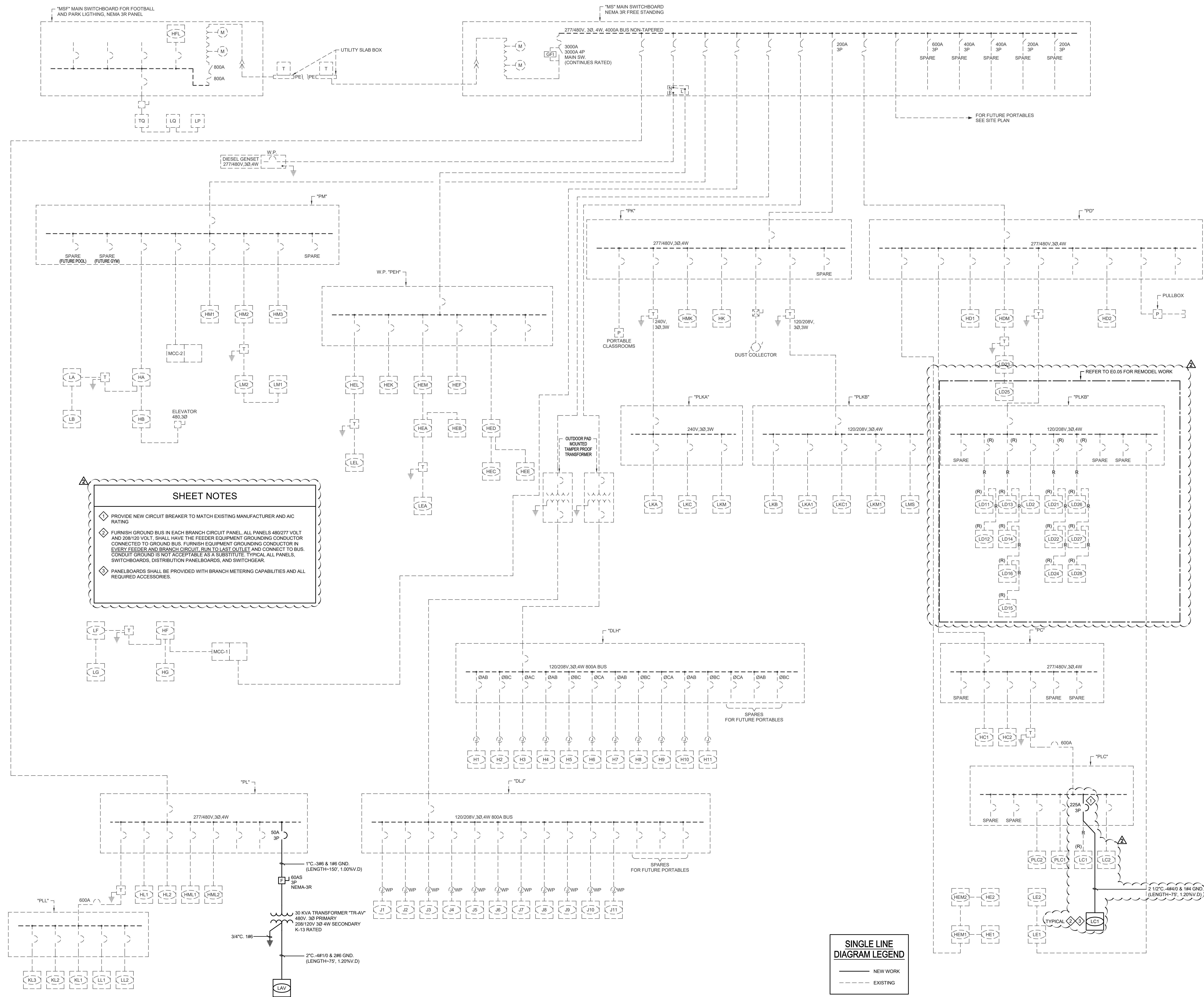
100% CDs
03/01/2022
Revision 2
11/02/2022



3537 Johnson Ave.
El Monte, CA 91731

PROJECT #75-20225-00
DSA APPL #04-122081
DSA FILE #19-H10

E0.03



SHEET NOTES

- 1 PROVIDE NEW CIRCUIT BREAKER TO MATCH EXISTING MANUFACTURER AND AIC RATING
- 2 FURNISH GROUND BUS IN EACH BRANCH CIRCUIT PANEL. ALL PANELS 480/277 VOLT AND 208/120 VOLT, SHALL HAVE THE FEEDER EQUIPMENT GROUNDING CONDUCTOR CONNECTED TO GROUND BUS. FURNISH EQUIPMENT GROUNDING CONDUCTOR IN EVERY FEEDER AND BRANCH CIRCUIT. RUN TO LAST OUTLET AND CONNECT TO BUS. CONDUIT GROUND IS NOT ACCEPTABLE AS A SUBSTITUTE. TYPICAL ALL PANELS, SWITCHBOARDS, DISTRIBUTION PANELBOARDS, AND SWITCHGEAR.
- 3 PANELBOARDS SHALL BE PROVIDED WITH BRANCH METERING CAPABILITIES AND ALL REQUIRED ACCESSORIES.

SINGLE LINE DIAGRAM LEGEND

— NEW WORK

- - - EXISTING



100% CDs
 03/01/2022
 Revision
 Date Revision Description
 11/02/2022 2 ADDENDUM 2



SHEET NOTES

SINGLE LINE DIAGRAM LEGEND

NEW WORK
EXISTING

- PROVIDE NEW CIRCUIT BREAKER TO MATCH EXISTING MANUFACTURER AND AIC RATING
FURNISH GROUND BUS IN EACH BRANCH CIRCUIT PANEL. ALL PANELS 480/277 VOLT AND 208/120 VOLT. SHALL HAVE THE FEEDER EQUIPMENT GROUNDING CONDUCTOR CONNECTED TO GROUND BUS. FURNISH EQUIPMENT GROUNDING CONDUCTOR IN EVERY FEEDER AND BRANCH CIRCUIT. RUN TO LAST OUTLET AND CONNECT TO BUS. CONDUIT GROUND IS NOT ACCEPTABLE AS A SUBSTITUTE. TYPICAL ALL PANELS, SWITCHBOARDS, DISTRIBUTION PANELBOARDS, AND SWITCHGEAR.
PANELBOARDS SHALL BE PROVIDED WITH BRANCH METERING CAPABILITIES AND ALL REQUIRED ACCESSORIES.

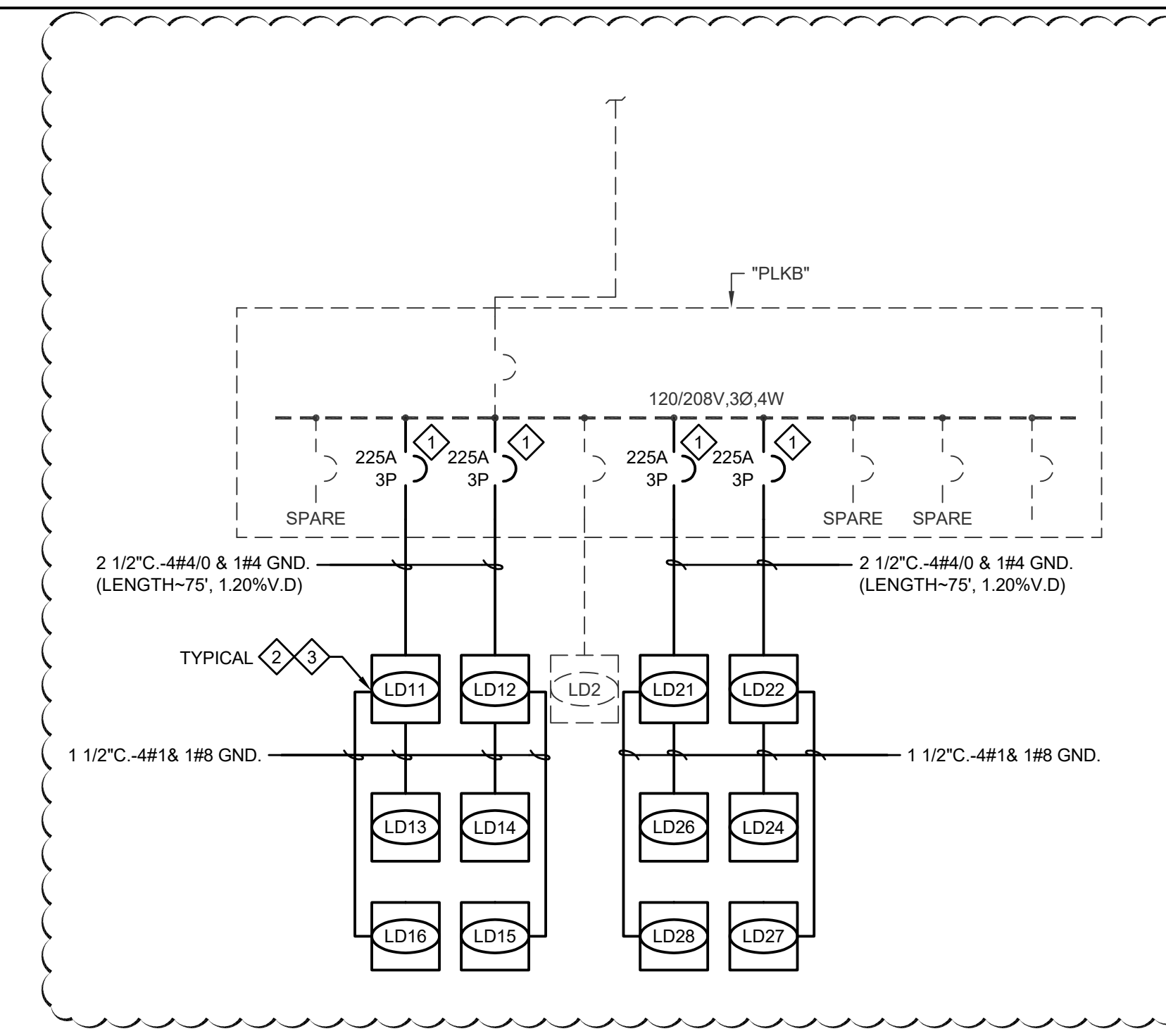


Table with columns for Size-Ampacity (Copper AWG 12 and Copper AWG 10) and rows for voltage drop calculations. Includes sub-tables for 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000.

BRANCH CIRCUIT VOLTAGE DROP CALCULATION
VD = (X^2 L R X I) / 1000
VD = VOLTAGE DROP
V = VOLTAGE
L = ONE WAY LENGTH OF CONDUCTOR
R = CONDUCTOR RESISTANCE IN OHMS PER THOUSAND FEET
I = LOAD CURRENT (AMPERES)

Table with columns for Size-Ampacity (Copper AWG 8, Copper AWG 6, Copper AWG 4) and rows for voltage drop calculations. Includes sub-tables for 200, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000.

NOTICE TO CONTRACTOR: THIS BRANCH CIRCUIT VOLTAGE DROP SCHEDULE IS TO BE USED WHEN SIZING CONDUCTORS FOR ACTUAL INSTALLED FIELD CONDITION. CIRCUIT LENGTHS, SPECIFIC CONDUCTOR SIZING ON PLANS SHALL BE THE MINIMUM SIZE CONDUCTOR USED FOR INSTALLATION UNLESS INSTALLED CONDITION EXCEEDS CIRCUIT LENGTH ALLOWED ON TABLE AND SHALL BE INCREASED TO THE NEXT SIZE CONDUCTOR SCHEDULED. ALL CONDUCTORS AS DESIGNED OR AS REQUIRED PER INSTALLED CONDITION IS PART OF THE CONTRACTORS BASE BID.



DCGA ENGINEERS Consulting Mechanical and Electrical Engineers

BRANCH CIRCUIT VOLTAGE DROP CALCULATIONS
South El Monte HS Modernization
El Monte Union High School District
1001 Dufler Ave, South El Monte, CA 91733

100% CDs
03/01/2022
Revision 2 ADDENDUM 2



3537 Johnson Ave. El Monte, CA 91731
PROJECT #75-2022S-00
DSA APPL #04-122081
DSA FILE #16-H10

E0.05

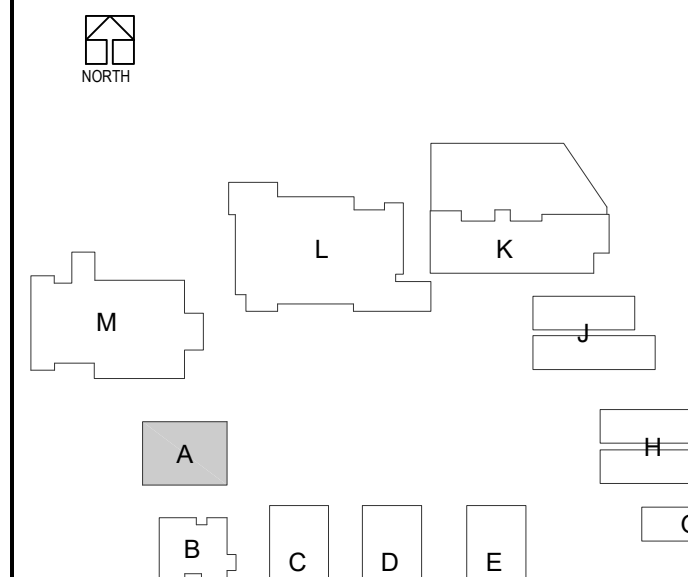
SHEET NOTES

- 1 DISCONNECT AND REMOVE EXISTING FIRE ALARM AND ASSOCIATED CONDUIT AND CONDUCTORS BACK TO NEAREST J-BOX FOR RE-USE IN CONNECTING NEW FIXTURES.
- 2 DISCONNECT AND REMOVE EXISTING LIGHT SWITCH. PROVIDE BLANK COVER PLATE AT EXISTING LOCATION.
- 3 DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE AND ASSOCIATED WIRING AND RACEWAYS BACK TO SOURCE. PROVIDE STAINLESS STEEL COVERPLATE AT (E)J-BOX.
- 4 DISCONNECT AND REMOVE RECEPTACLE AND ASSOCIATED CONDUIT AND CONDUCTORS BACK TO NEAREST J-BOX FOR RE-USE IN CONNECTING NEW RECEPTACLES. REFER TO POWER REMODEL PLAN FOR ADDITIONAL INFORMATION.
- 5 DISCONNECT AND REMOVE PA CABLING, BACKBOARD AND EQUIPMENT. RING OUT SYSTEM.

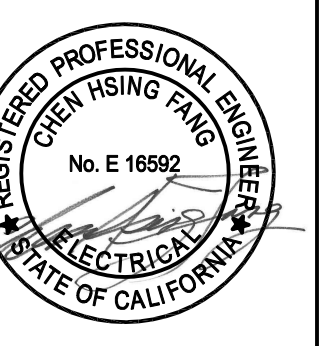


ELECTRICAL DEMOLITION FLOOR PLAN - BLDG A
SCALE: 1/8" = 1'-0"

KEY PLAN



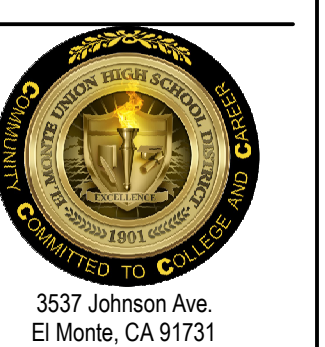
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Architecture Engineering Planning Interiors
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ELECTRICAL DEMOLITION PLAN - BLDG A
South El Monte HS Modernization
El Monte Union High School District
1001 Duffer Ave, South El Monte, CA 91733

100% CDs
03/01/2022
Revision
Date Revision Description
11/16/2022 2 ADDENDUM 2

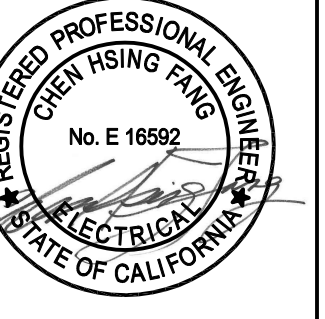
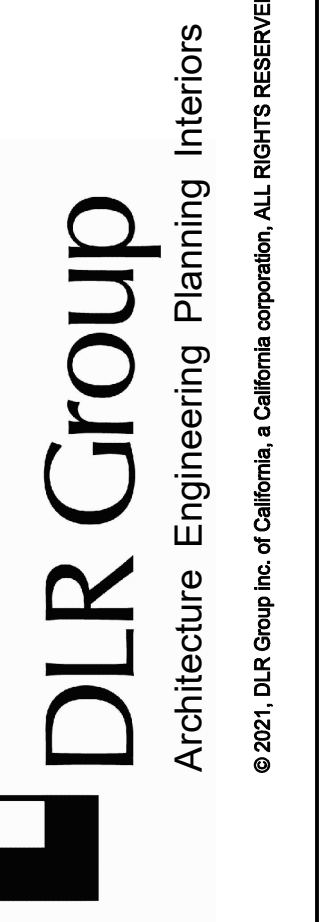


3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #04-122081
DSA FILE #19-H10

ED2.A1

SHEET NOTES

- 1. INTERCEPT EXISTING CIRCUIT AND EXTEND TO NEW RECEPTACLE AS SHOWN. VERIFY INTERCEPT POINT PRIOR TO CONSTRUCTION. RING OUT CIRCUITS AS REQUIRED.
- 2. PROVIDE AND INSTALL NEW 20A-1P CIRCUIT BREAKER AND MOUNTING HARDWARE TO MATCH EXISTING MANUFACTURER AND AIC RATING IN EXISTING PANEL FOR NEW RECEPTACLES. UPDATE PANEL SCHEDULE ACCORDINGLY.
- 3. MOUNT DEVICES WITHIN CASEWORK. CONDUIT SHALL BE ROUTED WITHIN CASEWORK. COORDINATE ROUTINGS WITH CASEWORK MANUFACTURER AND ARCHITECT PRIOR TO ROUGH-IN.



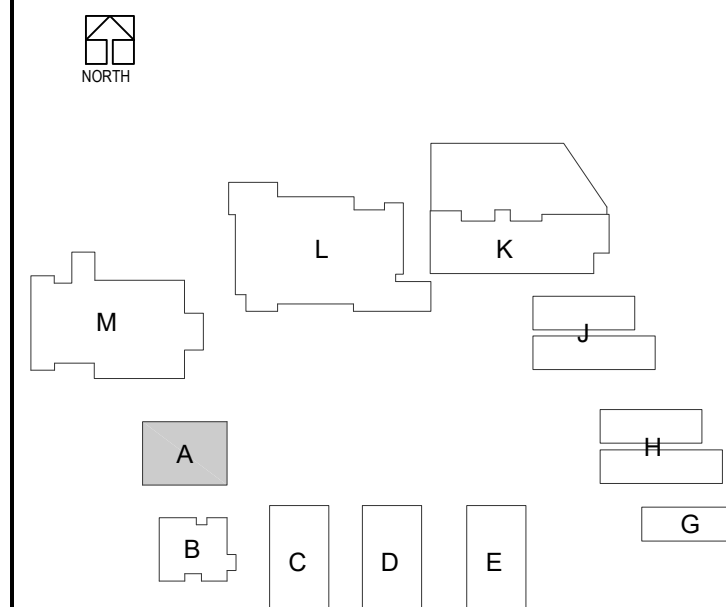
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POWER PLAN - BLDG A
SCALE: 1/8" = 1'-0"

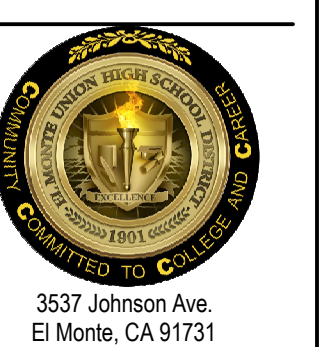
CIRCUITING NOTE:
CIRCUITS SHOWN ON HOMERUNS SHALL BE EXTENDED TO DEVICES WHERE CIRCUITS ARE IDENTIFIED. PROVIDE SWITCHING AS SHOWN ON THE DRAWINGS. ALL CONDUCTORS SHALL BE ROUTED IN CONDUIT. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT, BOXES, CONDUCTORS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE INSTALLATION. REFER TO THE SPECIFICATIONS FOR CONDUIT AND CONDUCTOR REQUIREMENTS.

KEY PLAN



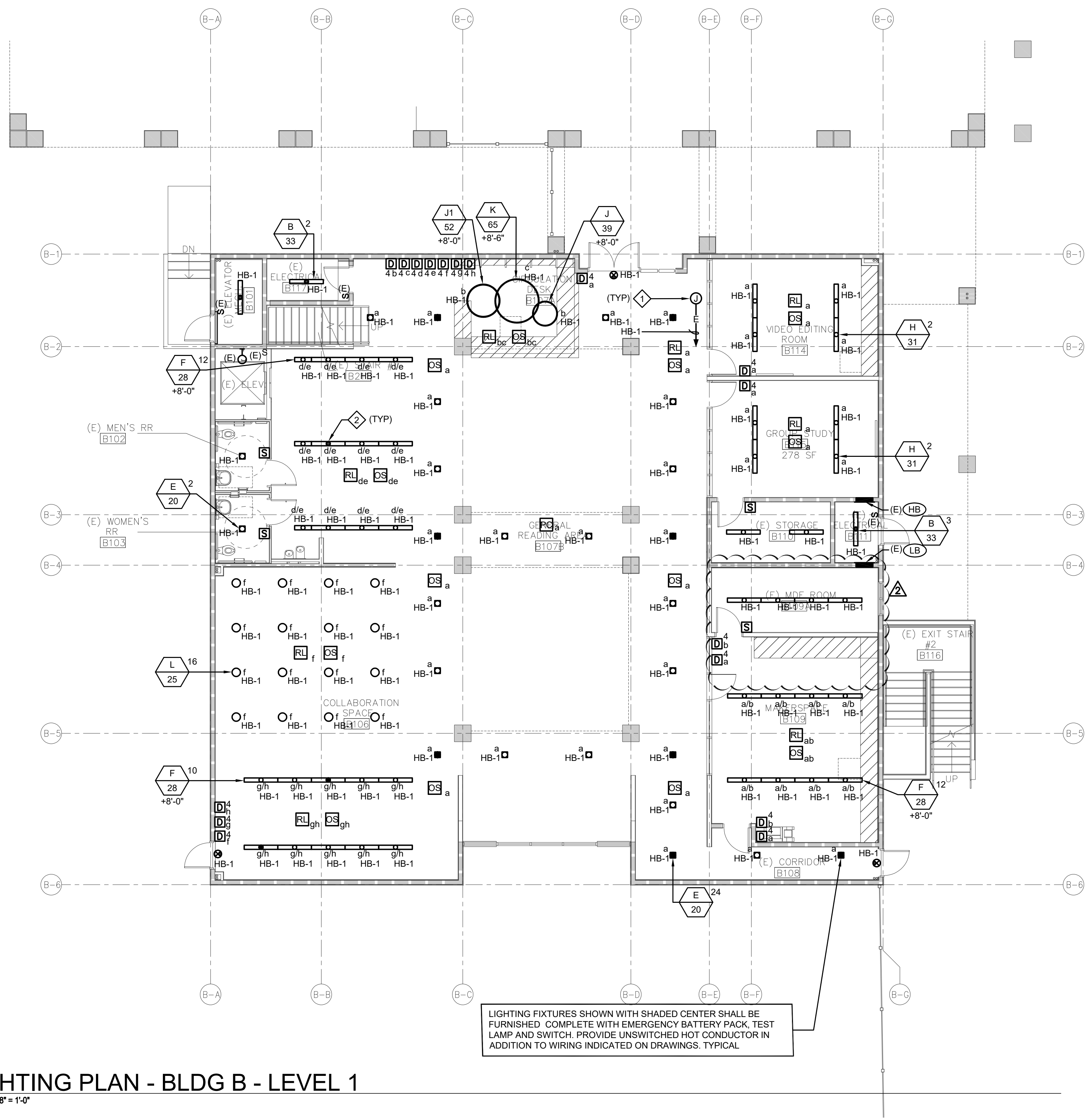
POWER PLAN - BLDG A
South El Monte HS Modernization
El Monte Union High School District
1001 Dufferin Ave., South El Monte, CA 91733

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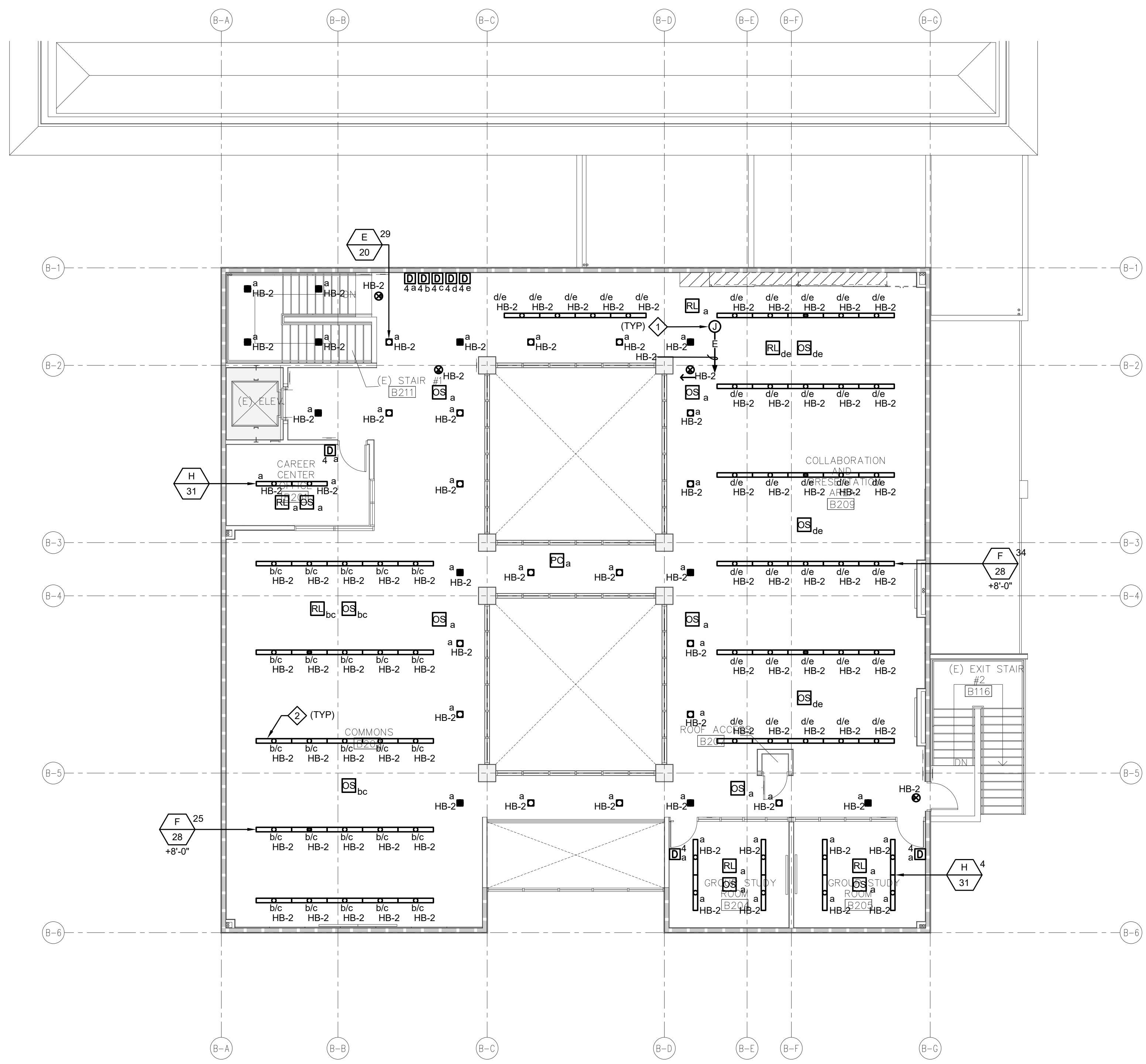
E2.A2



LIGHTING PLAN - BLDG B - LEVEL 1

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

LIGHTING FIXTURES SHOWN WITH SHADED CENTER SHALL BE FURNISHED COMPLETE WITH EMERGENCY BATTERY PACK, TEST LAMP AND SWITCH. PROVIDE UNSWITCHED HOT CONDUCTOR IN ADDITION TO WIRING INDICATED ON DRAWINGS. TYPICAL.



LIGHTING PLAN - BLDG B - LEVEL 2

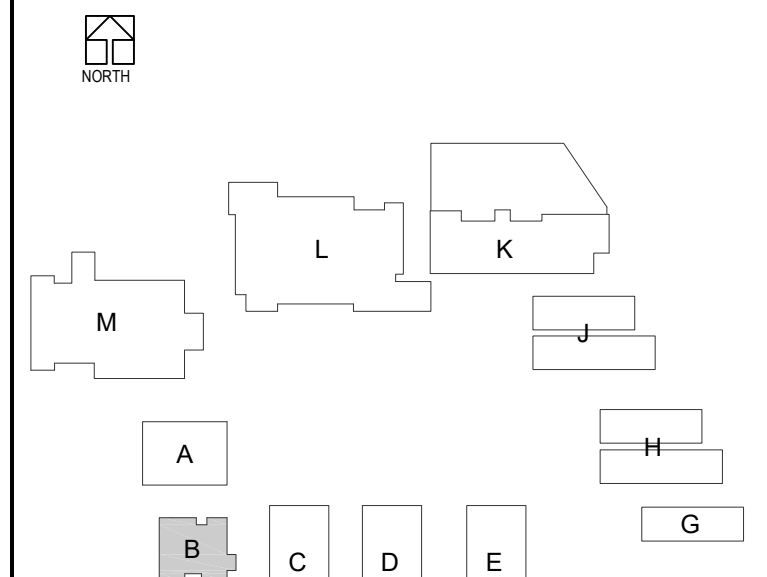
SCALE: 1/8" = 1'-0"

CIRCUITING NOTE:
 CIRCUITS SHOWN ON HOMERUNS SHALL BE EXTENDED TO LIGHT FIXTURES WHERE CIRCUITS ARE IDENTIFIED. PROVIDE SWITCHING AS SHOWN ON THE DRAWINGS. ALL CONDUCTORS SHALL BE ROUTED IN CONDUIT. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT, BOXES, CONDUCTORS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE INSTALLATION. REFER TO THE SPECIFICATIONS FOR CONDUIT AND CONDUCTOR REQUIREMENTS.

SHEET NOTES

- ◊ INTERCEPT EXISTING LIGHTING CIRCUIT AND EXTEND TO NEW LIGHT FIXTURES. VERIFY INTERCEPT POINT PRIOR TO CONSTRUCTION.
- ◊ SWITCH LEG "a" SHALL CONTROL DOWNLIGHT PORTION AND SWITCH LEG "b" SHALL CONTROL UPLIGHT PORTION OF THE FIXTURE.

KEY PLAN



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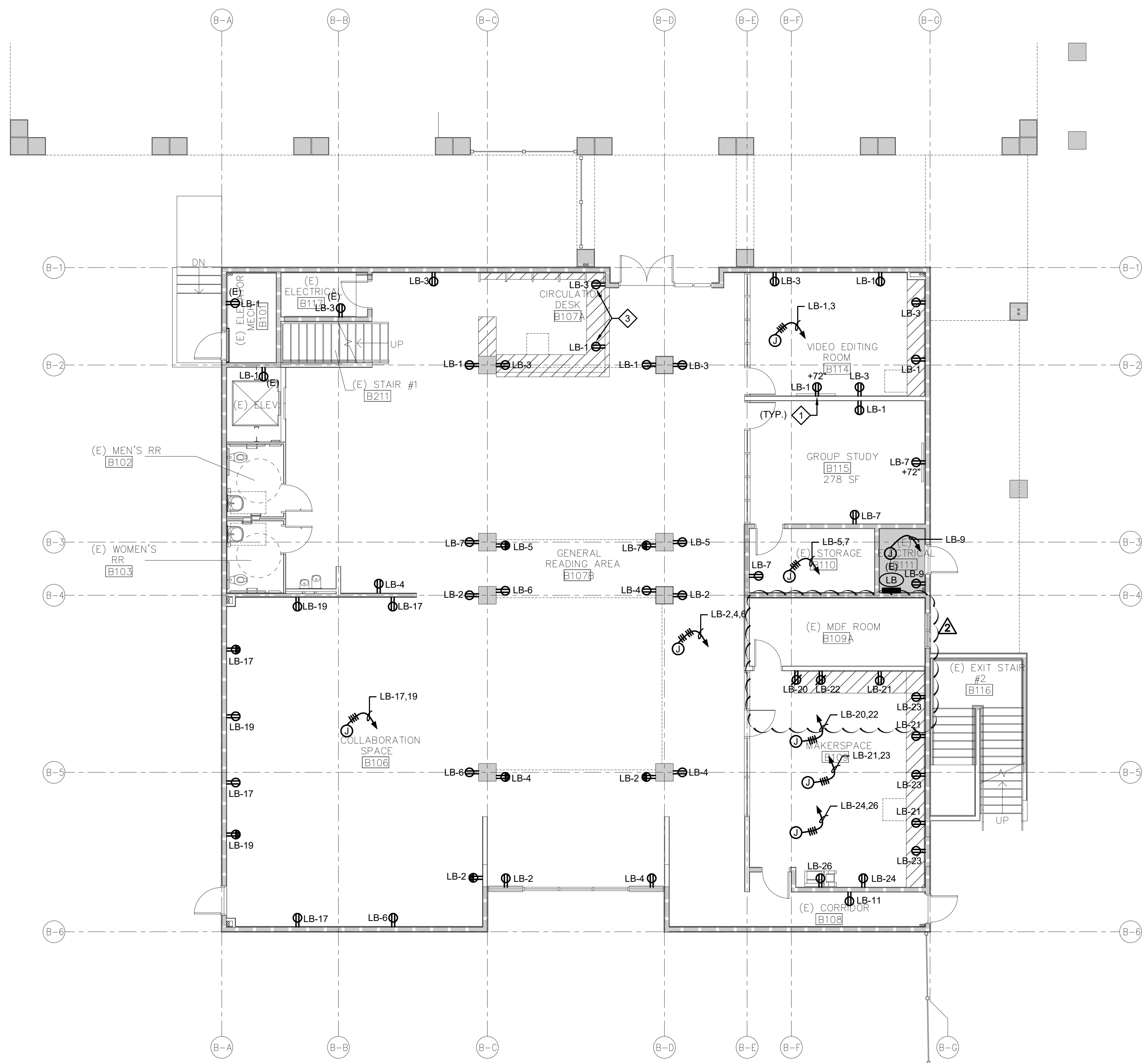
LIGHTING PLAN - BLDG B
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Duifer Ave., South El Monte, CA 91733

100% CDs
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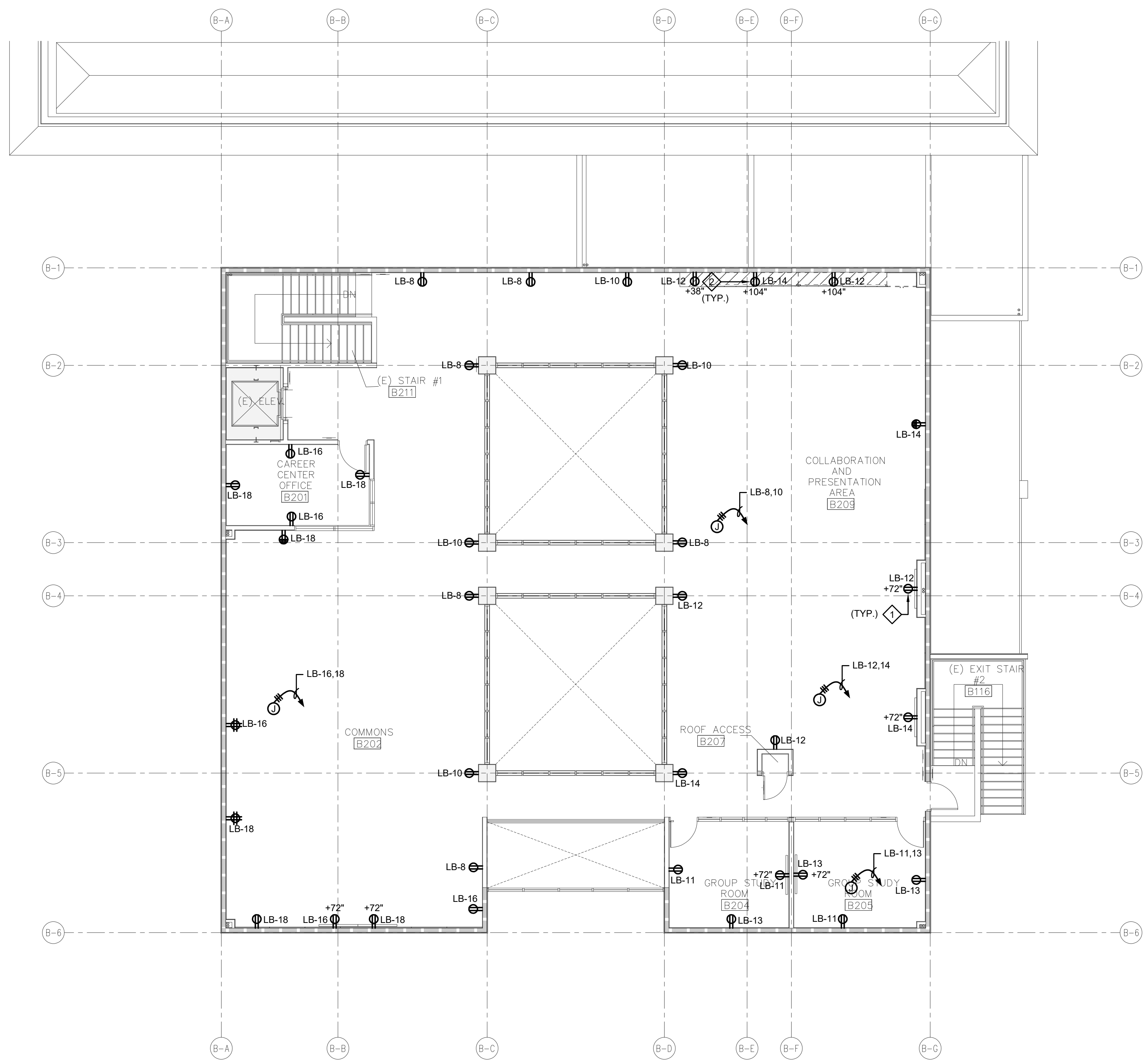
PROJECT #75-20225-00
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 DSA FILE #19-H10

E2.B1



POWER PLAN - BLDG B - LEVEL 1

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

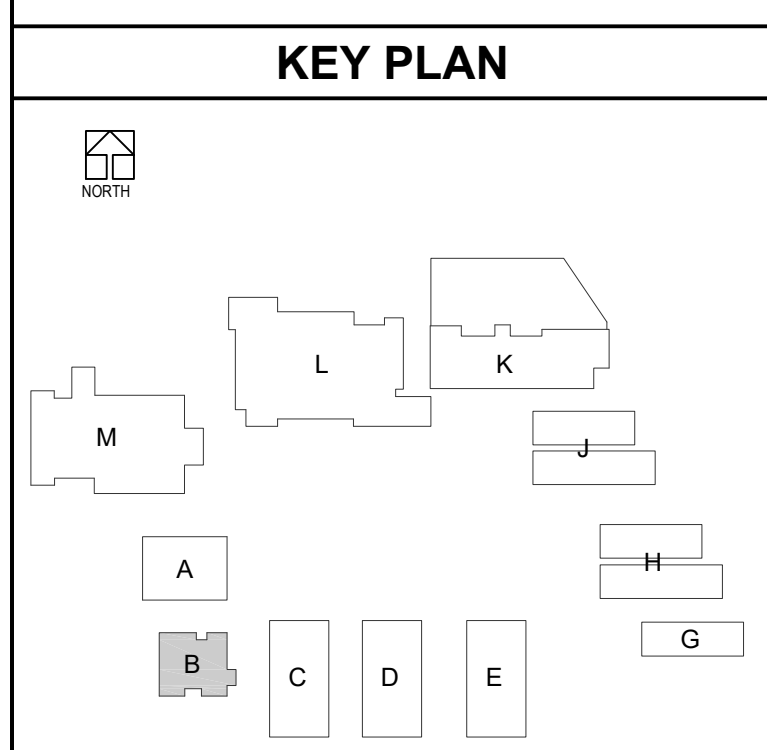


POWER PLAN - BLDG B - LEVEL 2

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

CIRCUITING NOTE:
 CIRCUITS SHOWN ON HOMERUNS SHALL BE EXTENDED TO DEVICES WHERE CIRCUITS ARE IDENTIFIED. PROVIDE SWITCHING AS SHOWN ON THE DRAWINGS. ALL CONDUCTORS SHALL BE ROUTED IN CONDUIT. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT, BOXES, CONDUCTORS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE INSTALLATION. REFER TO THE SPECIFICATIONS FOR CONDUIT AND CONDUCTOR REQUIREMENTS.

- SHEET NOTES**
- ◆ RECEPTACLE FOR DISPLAY MONITOR. VERIFY EXACT LOCATION WITH THE ARCHITECT PRIOR TO ROUGH-IN. TYPICAL.
 - ◆ RECEPTACLE FOR SHORT THROW PROJECTOR. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. TYPICAL.
 - ◆ MOUNT DEVICES WITHIN CASEWORK. CONDUIT SHALL BE ROUTED WITHIN CASEWORK. COORDINATE ROUTING WITH CASEWORK MANUFACTURER AND ARCHITECT PRIOR TO ROUGH-IN.



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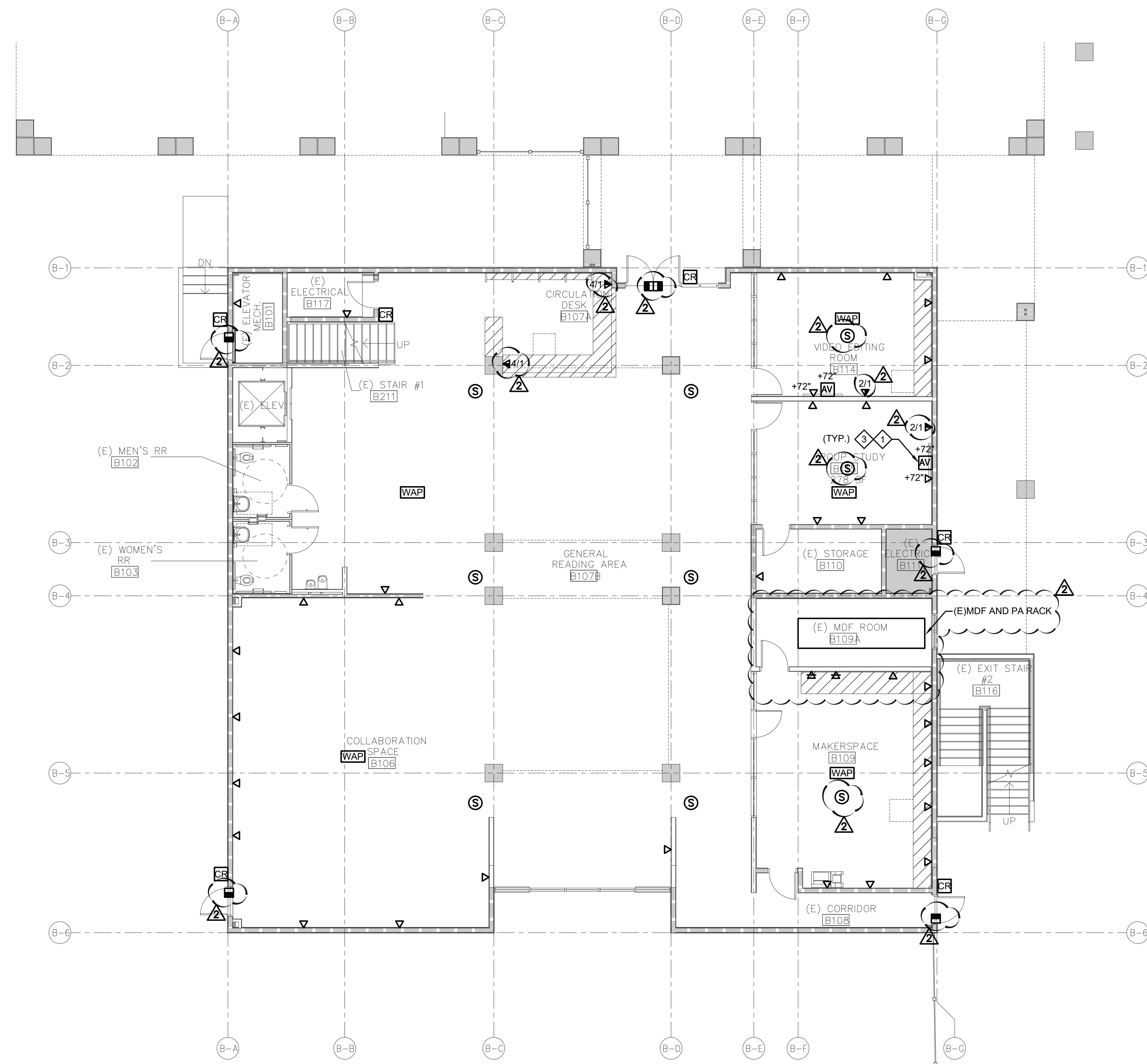
POWER PLAN - BLDG B
 South El Monte HS Modernization
 El Monte Union High School District
 10011 Dunbar Ave., South El Monte, CA 91733

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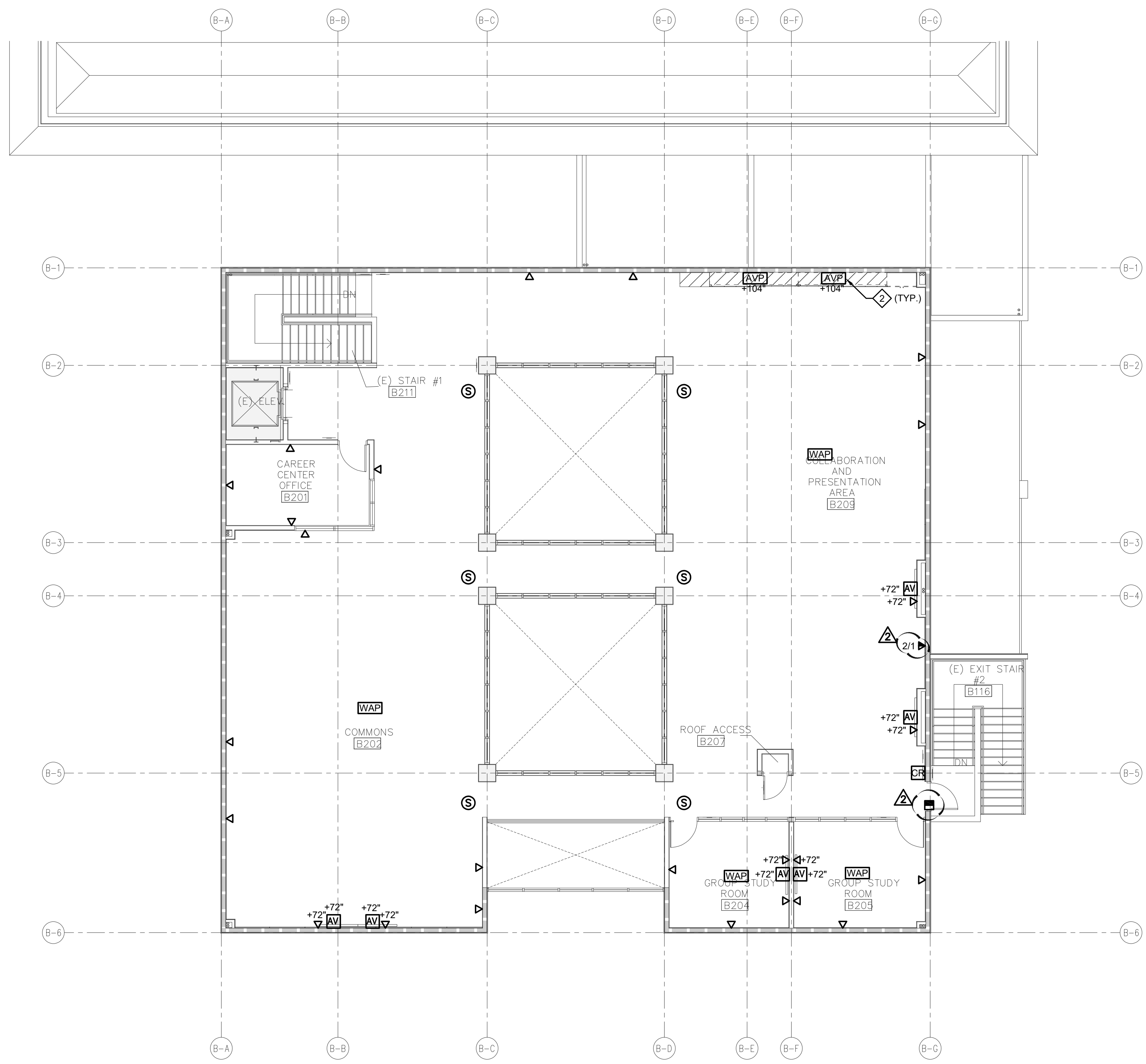
E2.B2



COMMUNICATION PLAN - BLDG B - LEVEL 1

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

ACCESS CONTROL SYSTEM NOTE:
 ALL LOW VOLTAGE CABLES SHALL BE RUN CONTINUOUS FROM ACCESS CONTROL PANEL/CONTROLLERS TO DOORS WITH ACCESS CONTROL HARDWARE WITH NO SPLICES VIA CONDUIT AND/OR J-HOOKS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

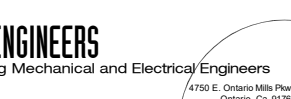


COMMUNICATION PLAN - BLDG B - LEVEL 2

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

SHEET NOTES

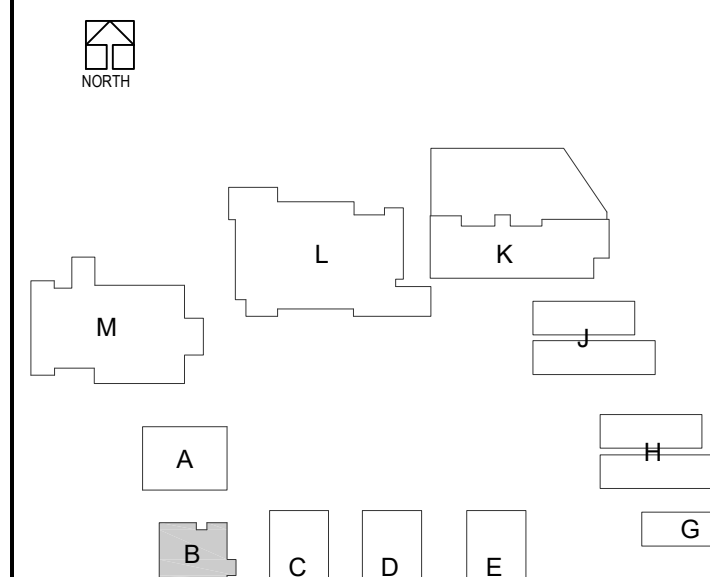
- 1. TEACHER STATION. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- 2. SHORT THROW PROJECTOR. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- 3. COORDINATE LOCATION AND MOUNTING HEIGHTS OF ALL AUDIOVISUAL BACKBOXES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.



COMMUNICATION PLAN - BLDG B
 South El Monte HS Modernization
 El Monte Union High School District
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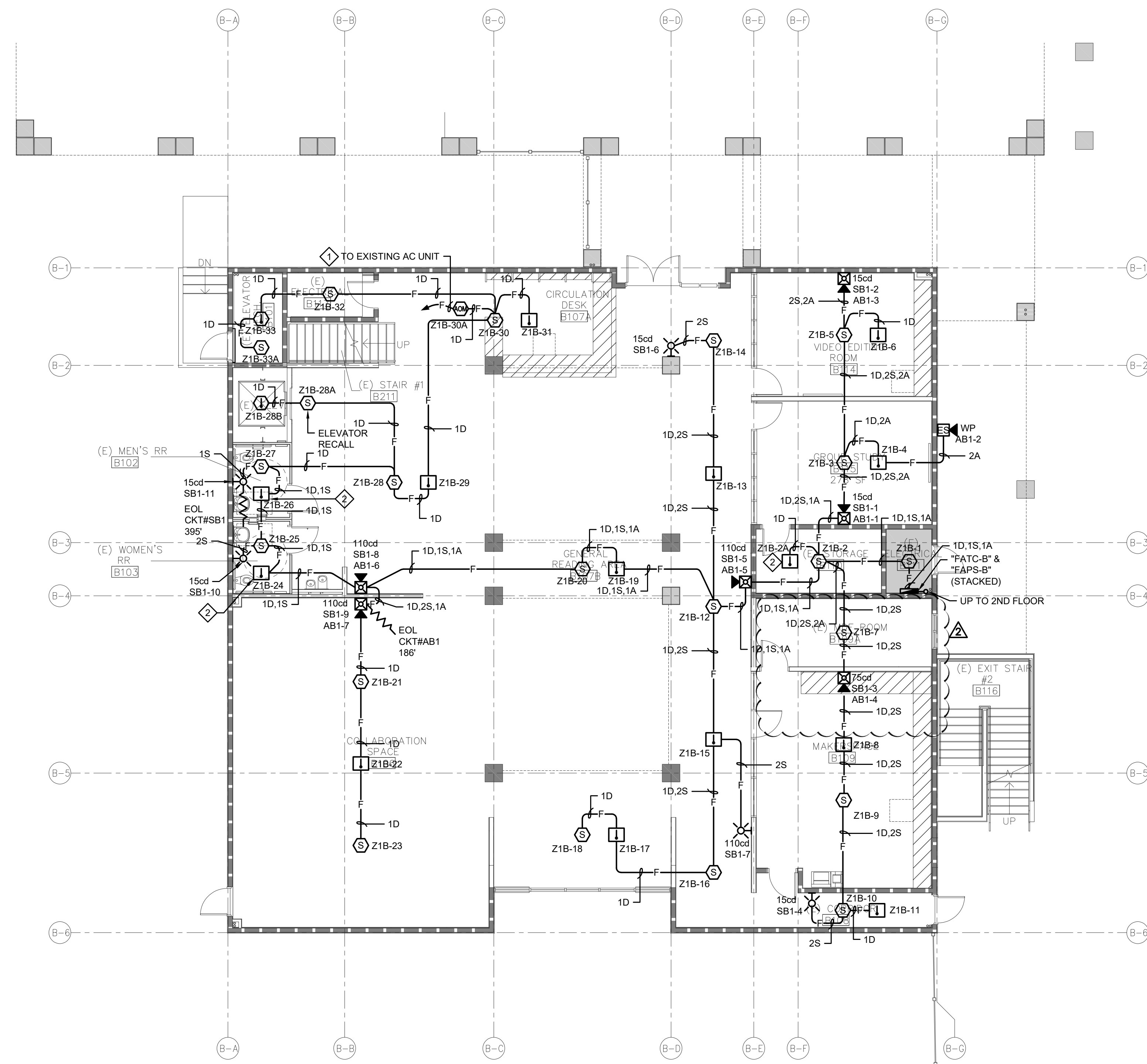
KEY PLAN



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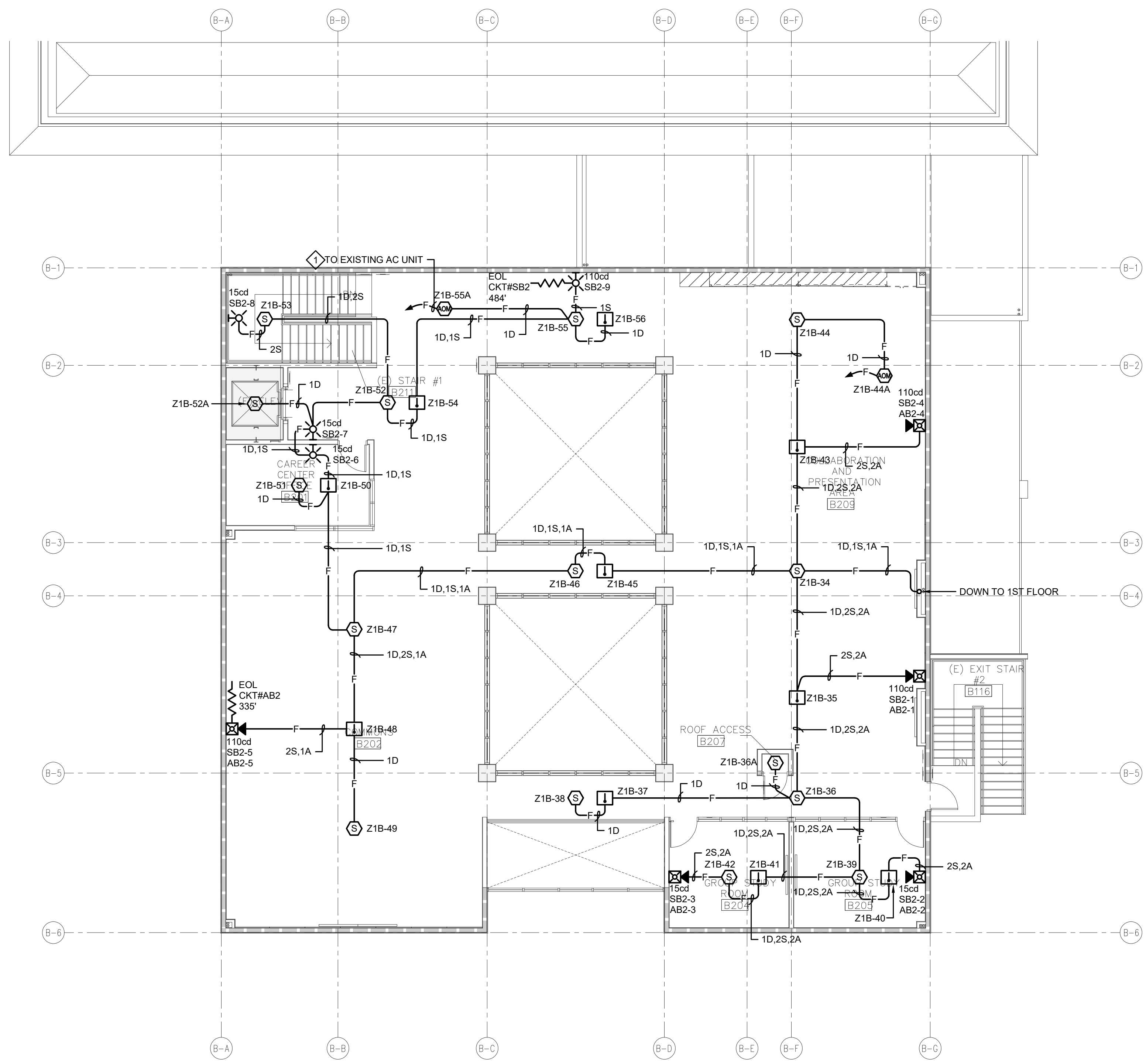
PROJECT #75-20225-00
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 DSA FILE #19-H10

E2.B3



FIRE ALARM PLAN - BLDG B - LEVEL 1

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



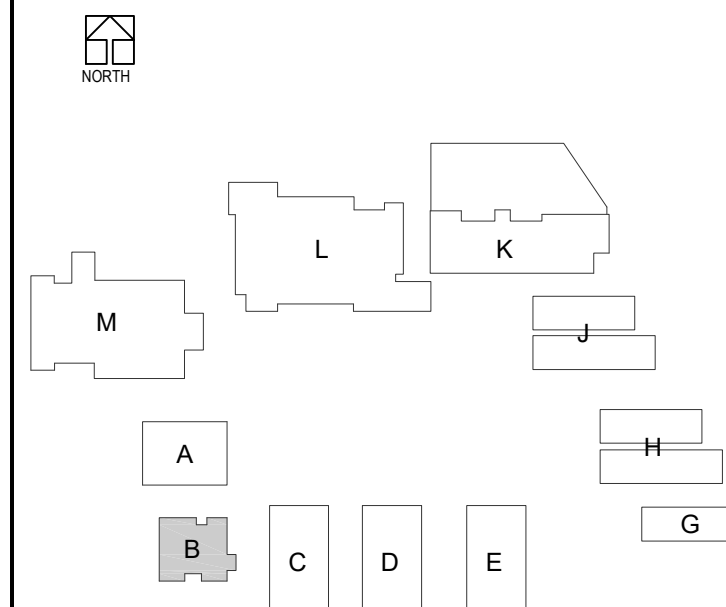
FIRE ALARM PLAN - BLDG B - LEVEL 2

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

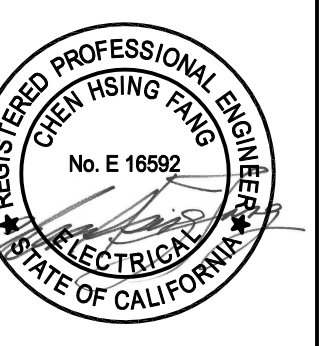
SHEET NOTES

- ◆ ROUTE 1/2"Ø TO HVAC UNIT CONTROL PANEL FOR SHUT-DOWN.
- ◆ PROVIDE ACCESS PANEL FOR HEAT DETECTOR LOCATED ABOVE GYP-BOARD CEILING. REFER TO 14/A11.12 FOR ACCESS PANEL REQUIREMENTS.

KEY PLAN



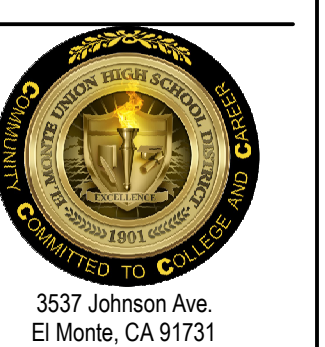
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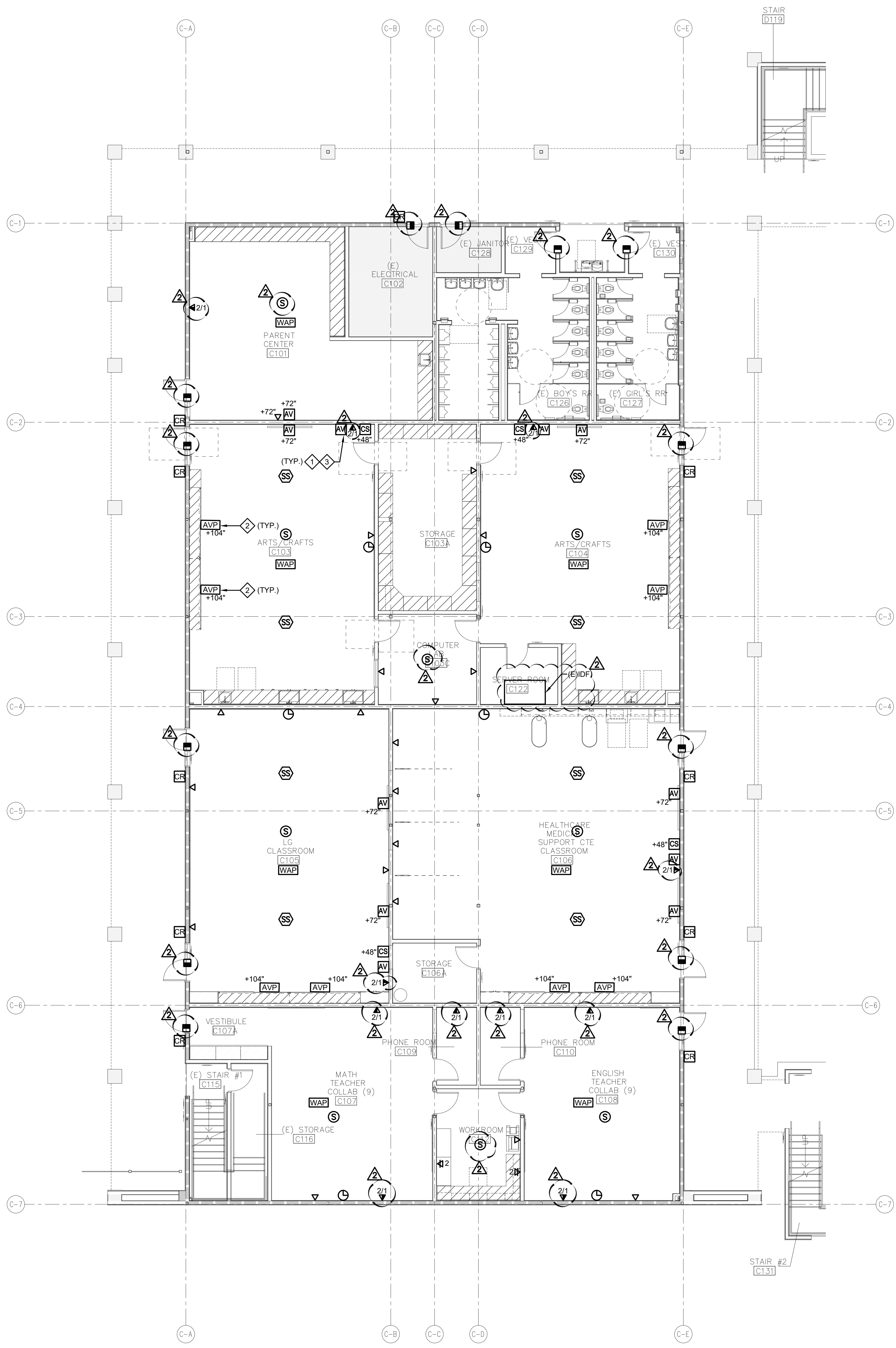
FIRE ALARM PLAN - BLDG B
South El Monte HS Modernization
El Monte Union High School District
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03/01/2022
Revision Description
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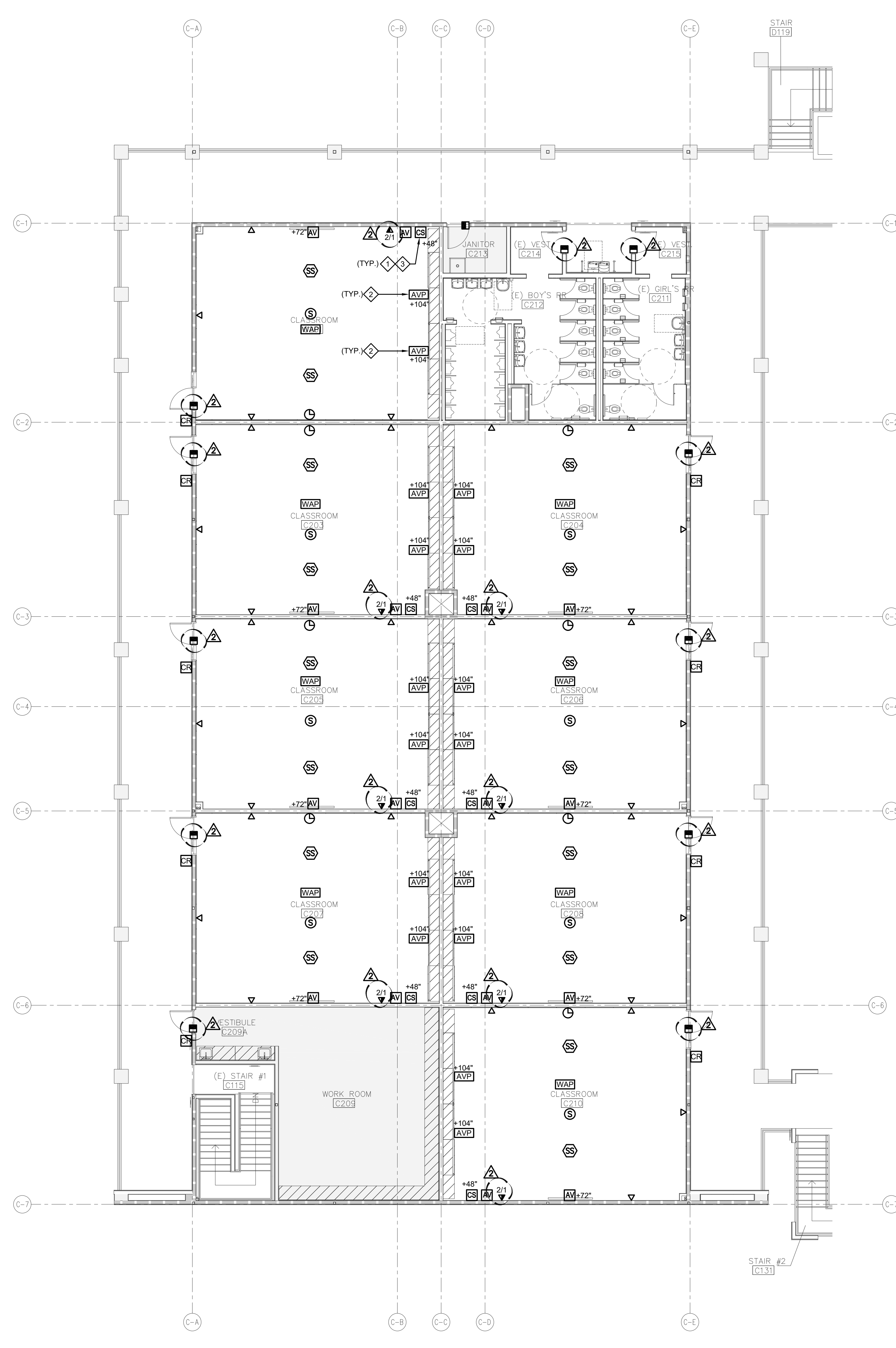
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E2.B4



COMMUNICATION PLAN - BLDG C - LEVEL 1
SCALE: 1/8" = 1'-0"

ACCESS CONTROL SYSTEM NOTE:
ALL LOW VOLTAGE CABLES SHALL BE RUN CONTINUOUS FROM ACCESS CONTROL PANEL/CONTROLLERS TO DOORS WITH ACCESS CONTROL HARDWARE WITH NO SPLICES VIA CONDUIT AND/OR J-HOOKS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

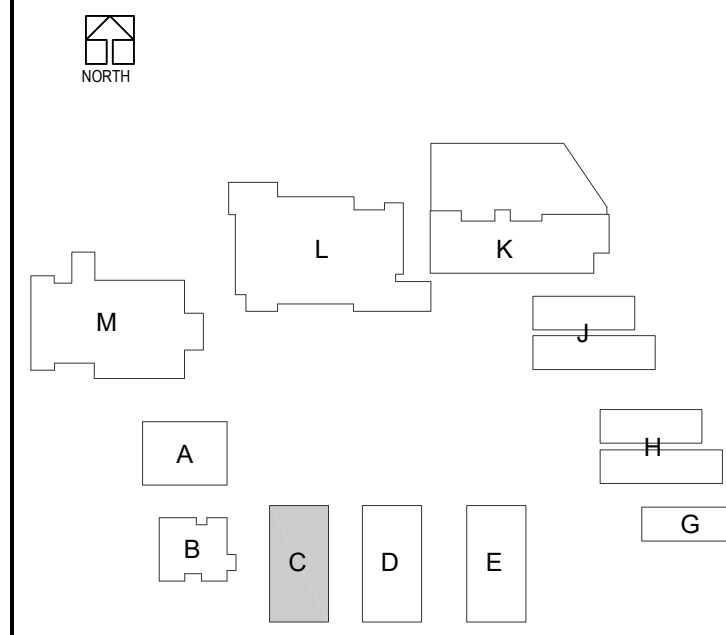


COMMUNICATION PLAN - BLDG C - LEVEL 2
SCALE: 1/8" = 1'-0"

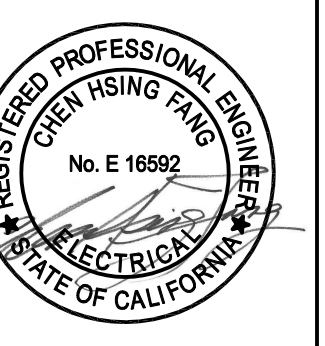
SHEET NOTES

- ◆ TEACHER STATION. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- ◆ SHORT THROW PROJECTOR. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- ◆ COORDINATE LOCATION AND MOUNTING HEIGHTS OF ALL AUDIOVISUAL BACKBOXES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.

KEY PLAN



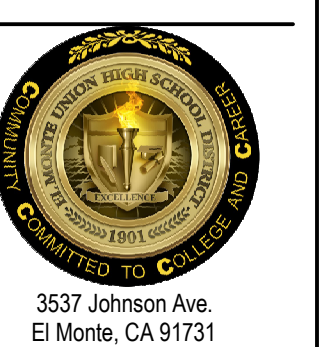
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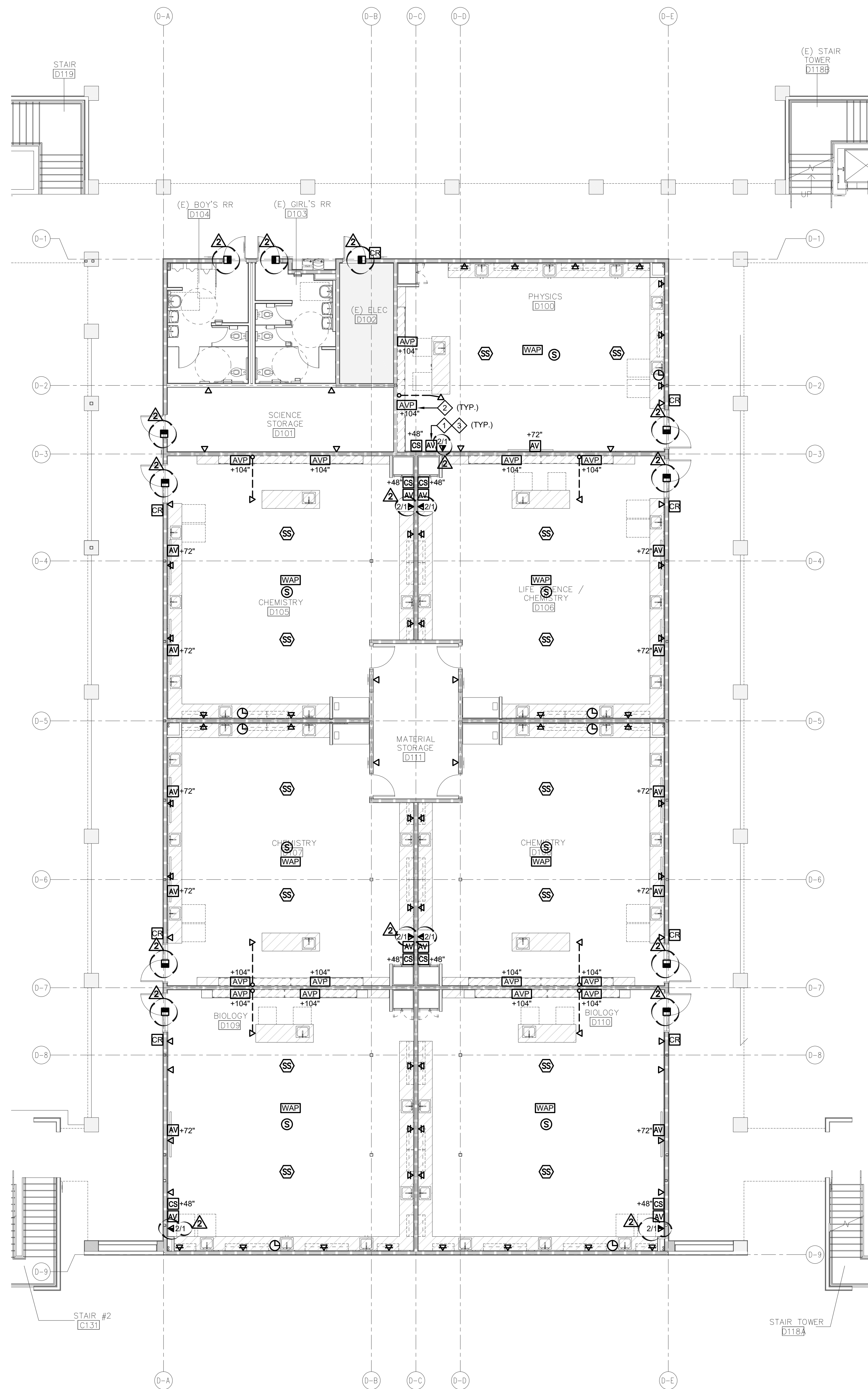
COMMUNICATION PLAN - BLDG C
South El Monte HS Modernization
El Monte Union High School District
1001 Dufferin Ave., South El Monte, CA 91733

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03/01/2022
Revision
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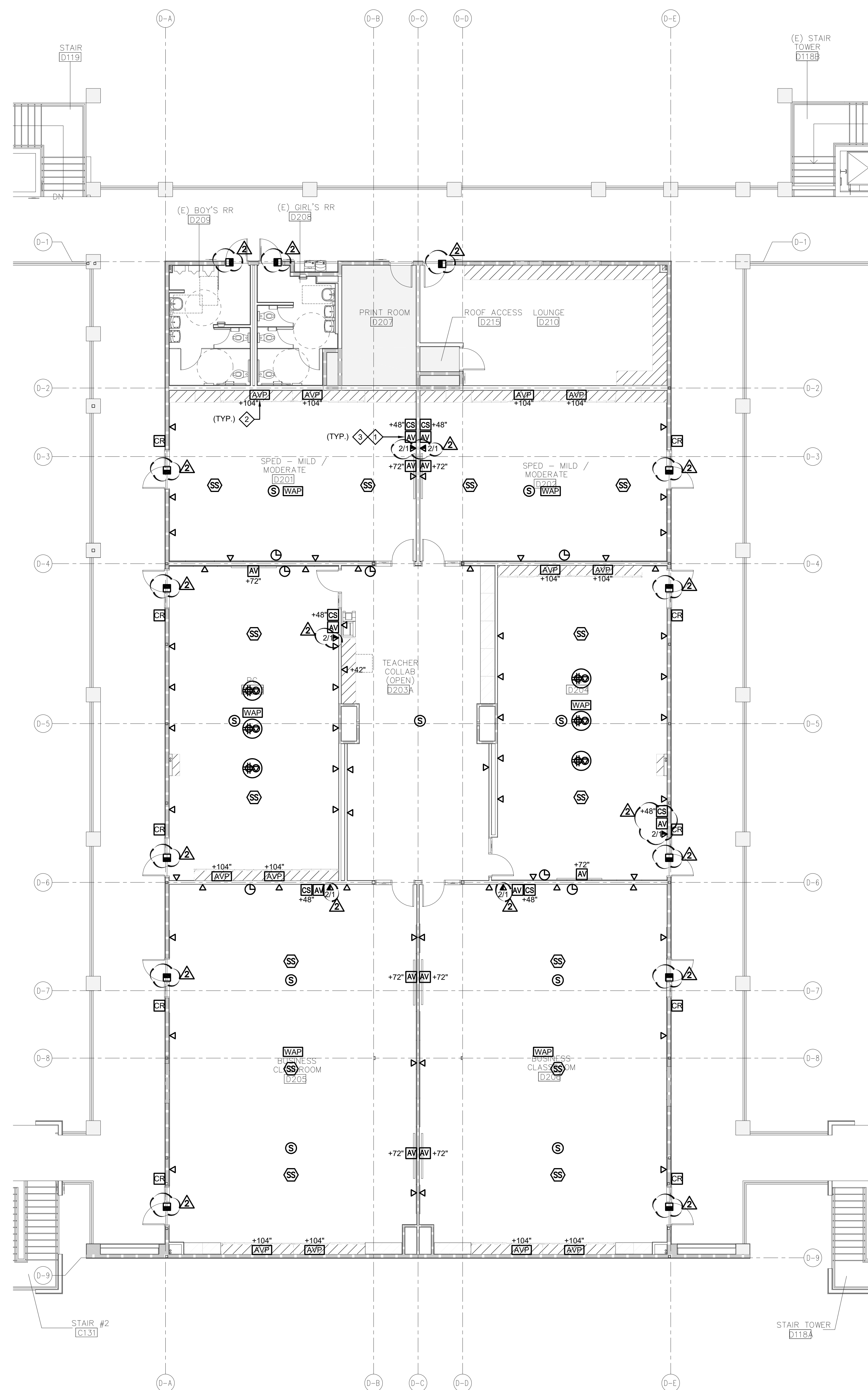
3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #04-122081
DSA FILE #19-H10

E2.C3



COMMUNICATION PLAN - BLDG D - LEVEL 1
SCALE: 1/8" = 1'-0"

ACCESS CONTROL SYSTEM NOTE:
ALL LOW VOLTAGE CABLES SHALL BE RUN CONTINUOUS FROM ACCESS CONTROL PANEL/CONTROLLERS TO DOORS WITH ACCESS CONTROL HARDWARE WITH NO SPLICES VIA CONDUIT AND/OR J-HOOKS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.



COMMUNICATION PLAN - BLDG D - LEVEL 2
SCALE: 1/8" = 1'-0"

SHEET NOTES

- 1. TEACHER STATION. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- 2. SHORT THROW PROJECTOR. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- 3. COORDINATE LOCATION AND MOUNTING HEIGHTS OF ALL AUDIOVISUAL BACKBOXES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.

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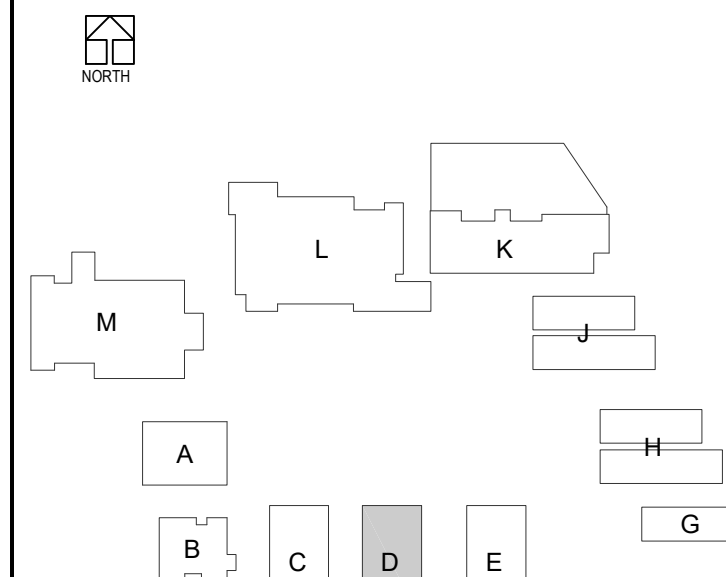


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COMMUNICATION PLAN - BLDG D
South El Monte HS Modernization
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1001 Dufferin Ave., South El Monte, CA 91733

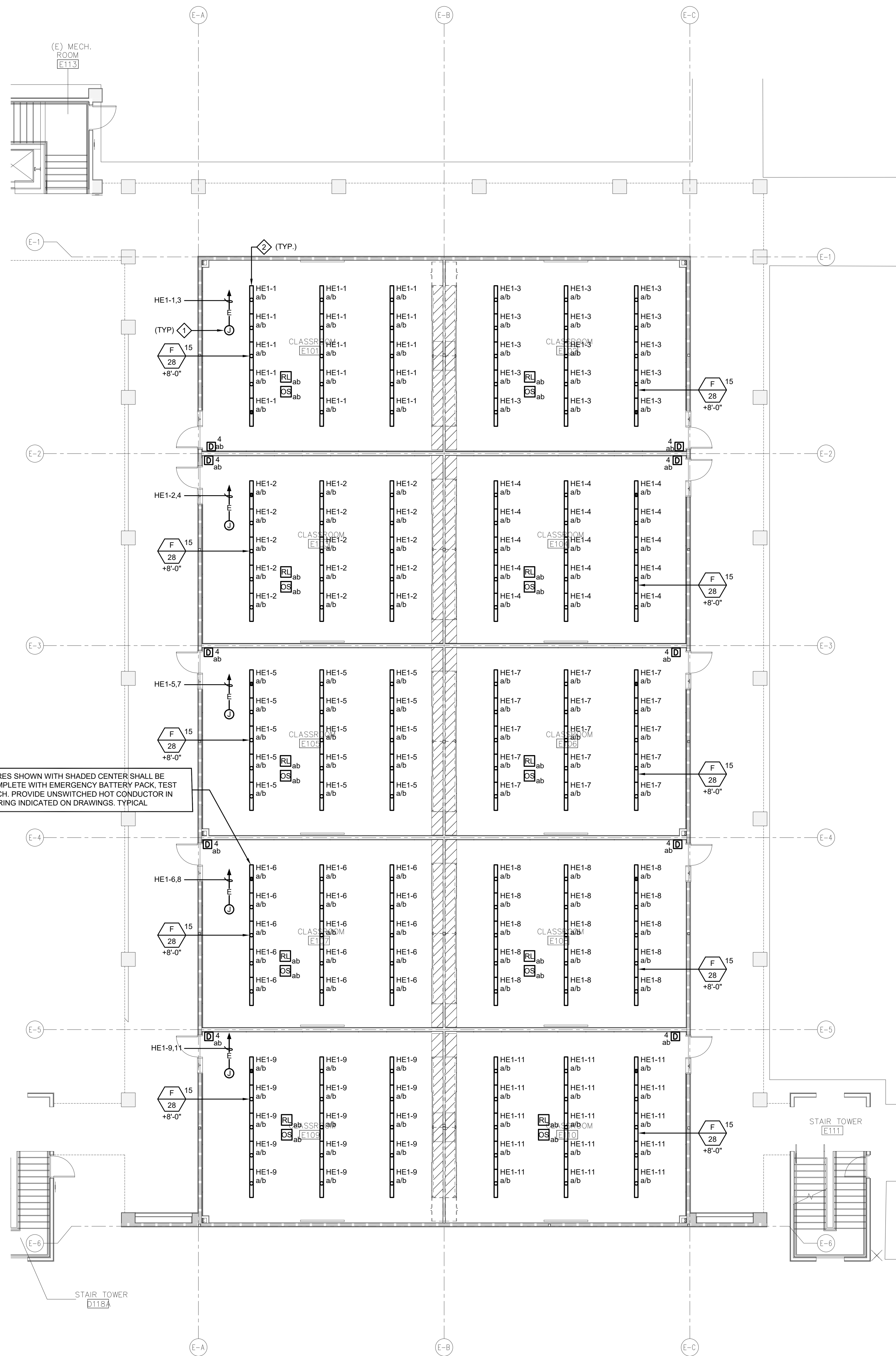
100% CDs
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Revision Description
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KEY PLAN

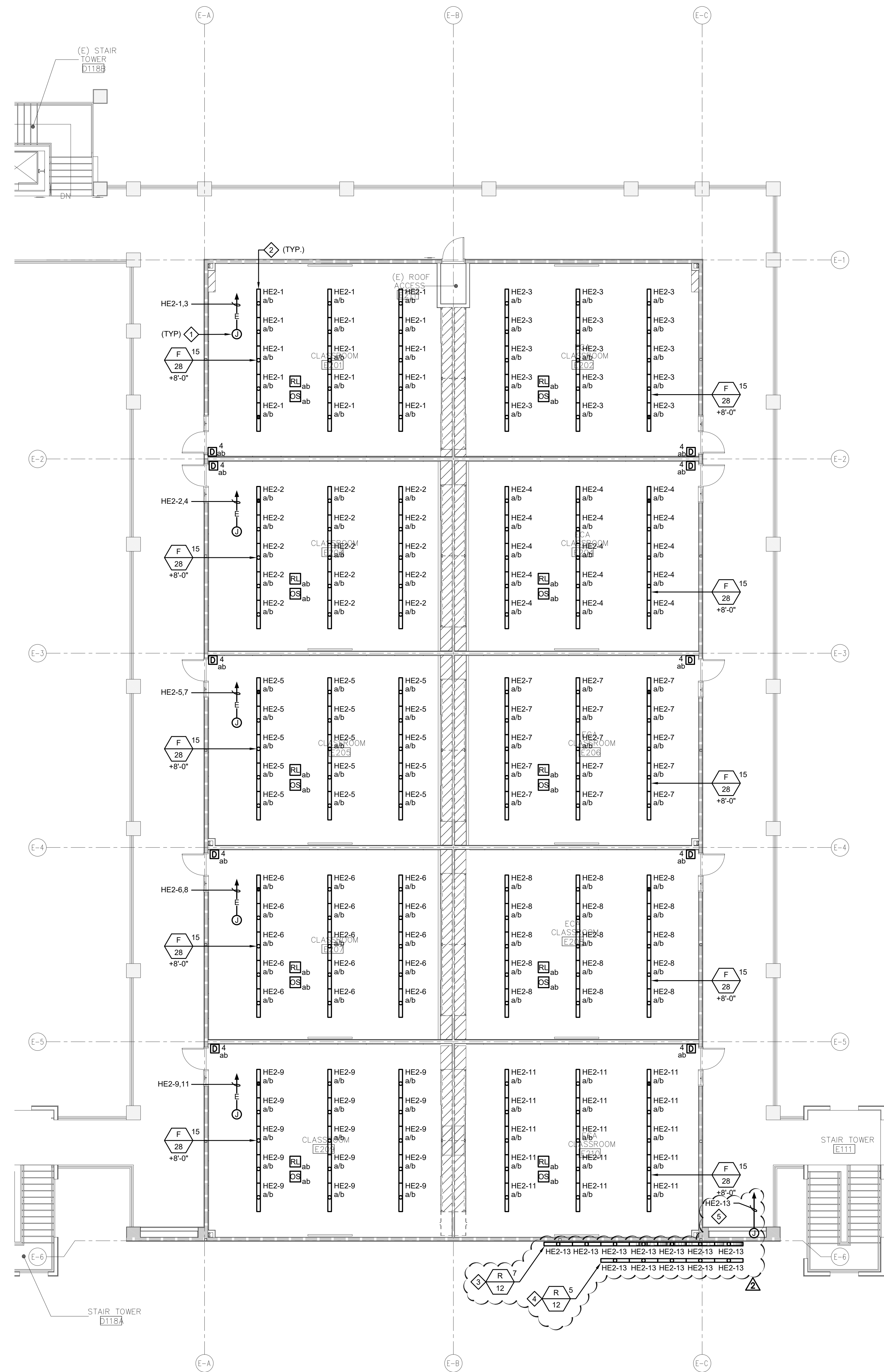


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E2.D3



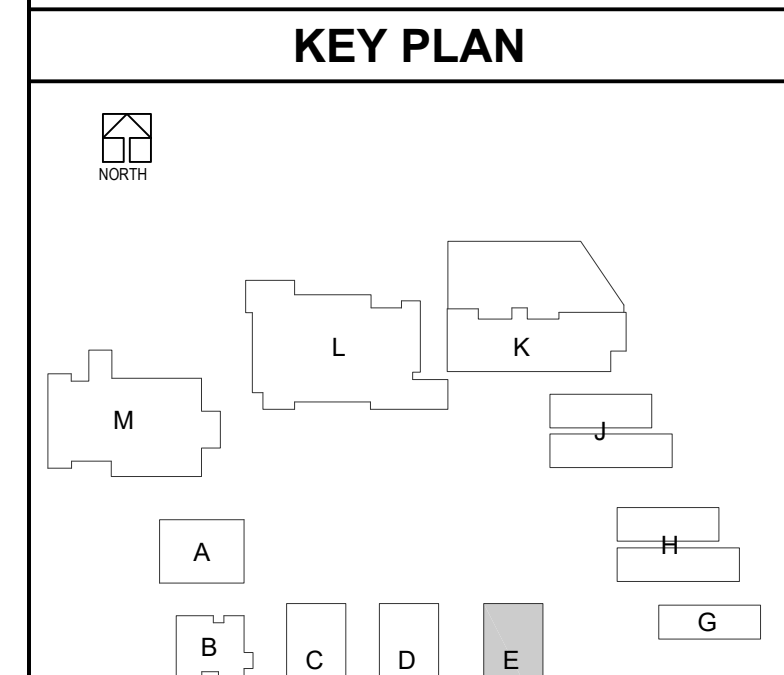
LIGHTING PLAN - BLDG E - LEVEL 1
SCALE: 1/8" = 1'-0"



LIGHTING PLAN - BLDG E - LEVEL 2
SCALE: 1/8" = 1'-0"

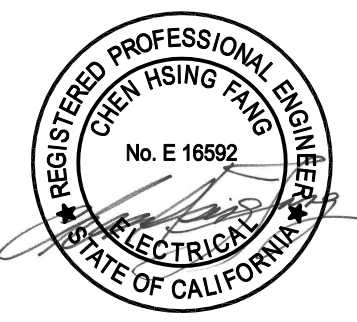
LIGHTING FIXTURES SHOWN WITH SHADED CENTER SHALL BE FURNISHED COMPLETE WITH EMERGENCY BATTERY PACK, TEST LAMP AND SWITCH. PROVIDE UNSWITCHED HOT CONDUCTOR IN ADDITION TO WIRING INDICATED ON DRAWINGS. TYPICAL.

- SHEET NOTES**
- ◇ INTERCEPT EXISTING LIGHTING CIRCUIT AND EXTEND TO NEW LIGHT FIXTURES. VERIFY INTERCEPT POINT PRIOR TO CONSTRUCTION.
 - ◇ SWITCH LEG "a" SHALL CONTROL DOWNLIGHT PORTION AND SWITCH LEG "b" SHALL CONTROL UPLIGHT PORTION OF THE FIXTURE.
 - ◇ FIXTURE FOR TOP PORTION OF MARQUEE. COORDINATE ELEVATION WITH ARCHITECT.
 - ◇ FIXTURE FOR BOTTOM PORTION OF MARQUEE. COORDINATE ELEVATION WITH ARCHITECT.
 - ◇ CIRCUIT SHALL BE CONTROLLED VIA PHOTOCELL AND TIMECLOCK.



CIRCUITING NOTE:
CIRCUITS SHOWN ON HOMERUNS SHALL BE EXTENDED TO LIGHT FIXTURES WHERE CIRCUITS ARE IDENTIFIED. PROVIDE SWITCHING AS SHOWN ON THE DRAWINGS. ALL CONDUCTORS SHALL BE ROUTED IN CONDUIT. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT, BOXES, CONDUCTORS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE INSTALLATION. REFER TO THE SPECIFICATIONS FOR CONDUIT AND CONDUCTOR REQUIREMENTS.

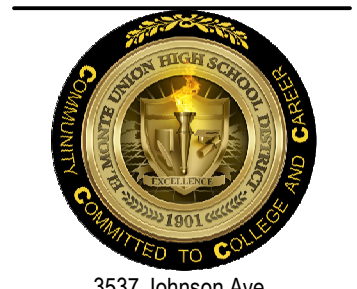
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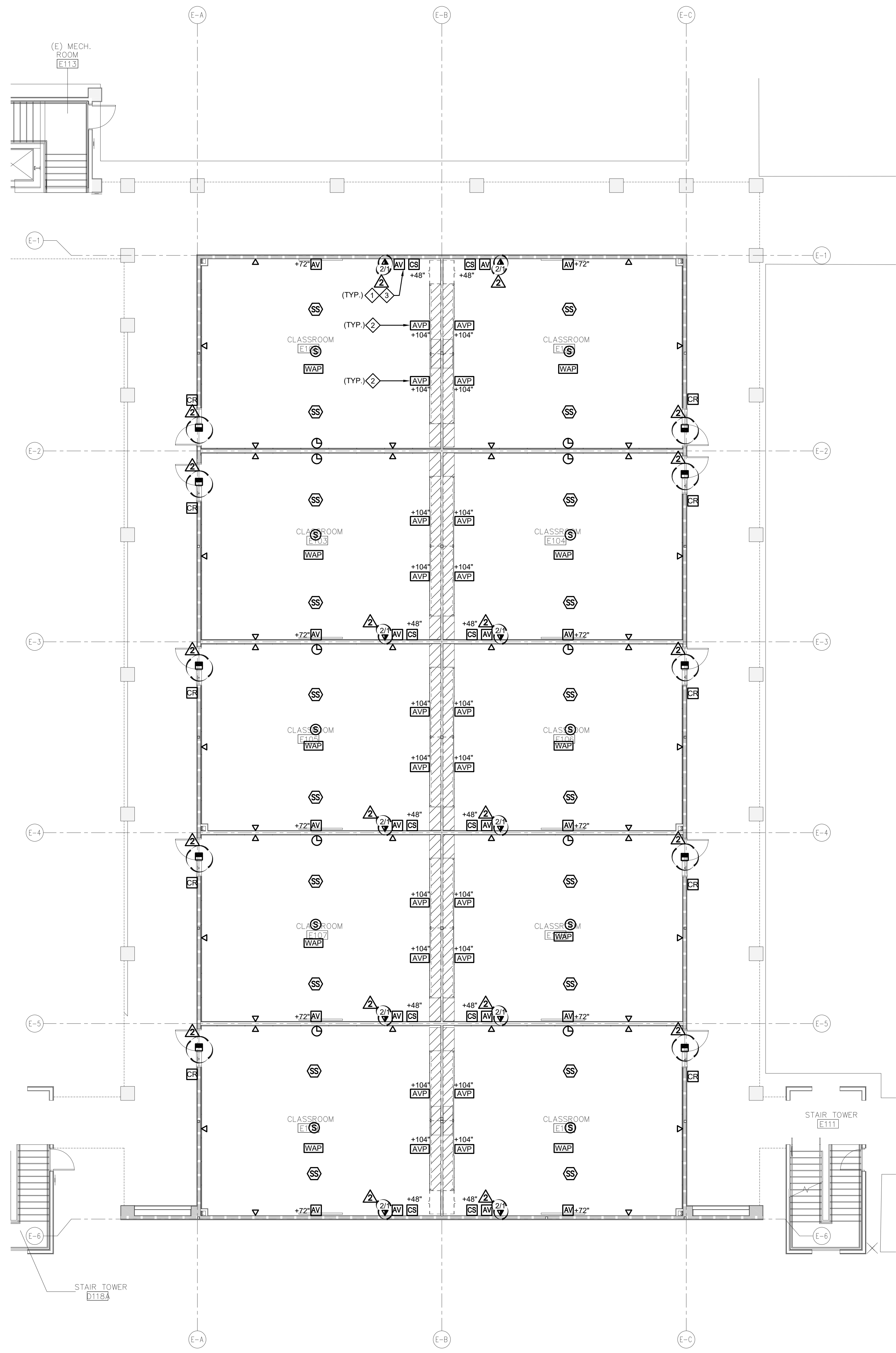
LIGHTING PLAN - BLDG E
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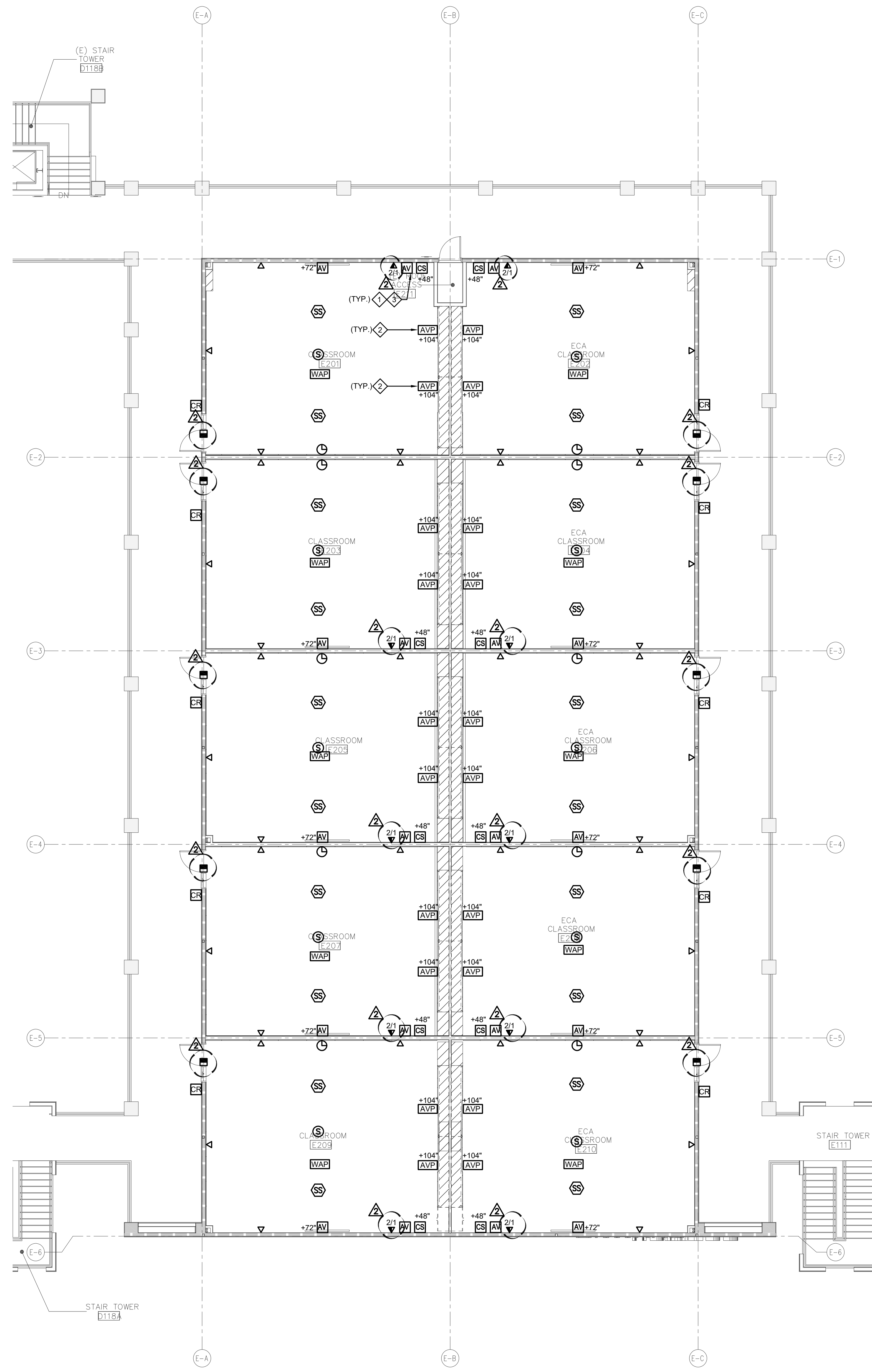


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E2.E1



COMMUNICATION PLAN - BLDG E - LEVEL 1
SCALE: 1/8" = 1'-0"



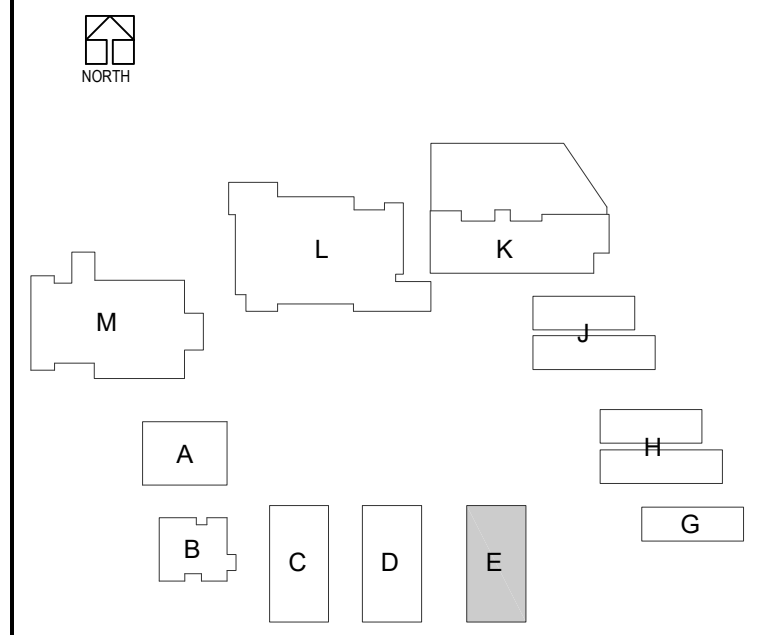
COMMUNICATION PLAN - BLDG E - LEVEL 2
SCALE: 1/8" = 1'-0"

ACCESS CONTROL SYSTEM NOTE:
ALL LOW VOLTAGE CABLES SHALL BE RUN CONTINUOUS FROM ACCESS CONTROL PANEL/CONTROLLERS TO DOORS WITH ACCESS CONTROL HARDWARE WITH NO SPLICES VIA CONDUIT AND/OR J-HOOKS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

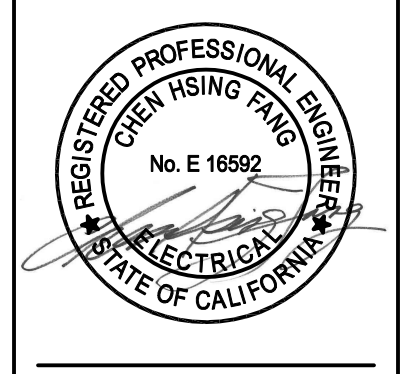
SHEET NOTES

- 1. TEACHER STATION. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- 2. SHORT THROW PROJECTOR. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- 3. COORDINATE LOCATION AND MOUNTING HEIGHTS OF ALL AUDIOVISUAL BACKBOXES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.

KEY PLAN



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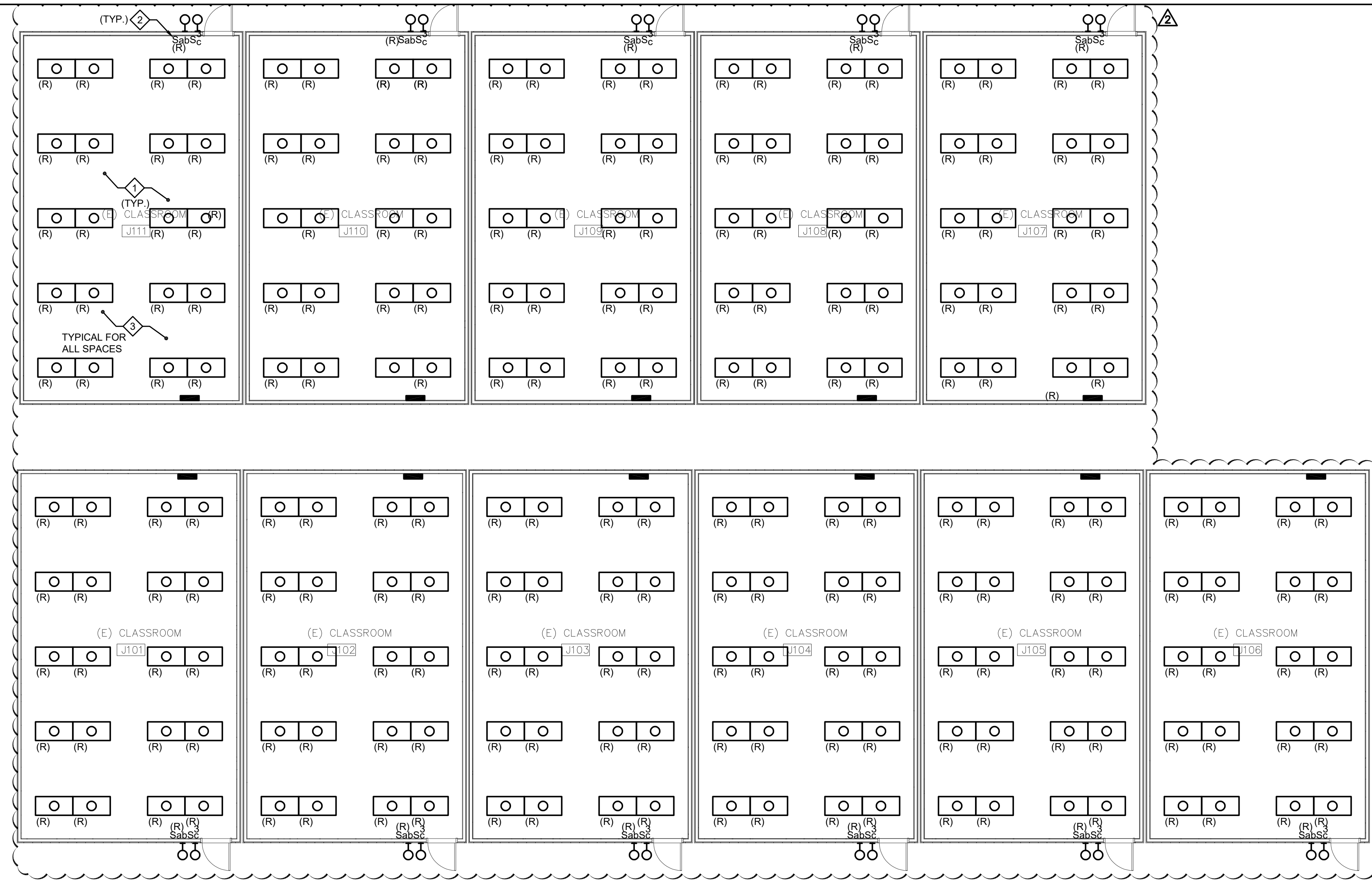
COMMUNICATION PLAN - BLDG E
South El Monte HS Modernization
El Monte Union High School District
1001 Dufferin Ave., South El Monte, CA 91733

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03/01/2022
Revision: 2
Date: 11/16/2022
Revision: 2
Description: ADDRESS

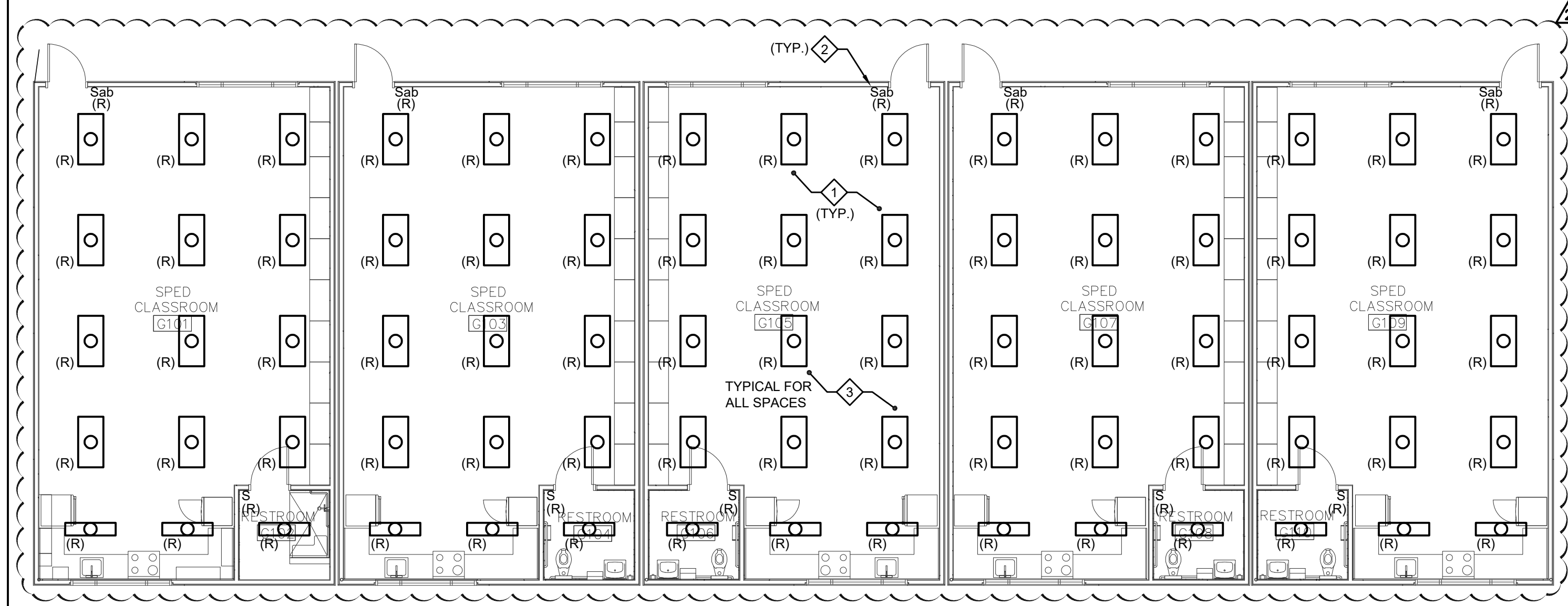


PROJECT #75-20225-00
DSA APPL. #04-122081
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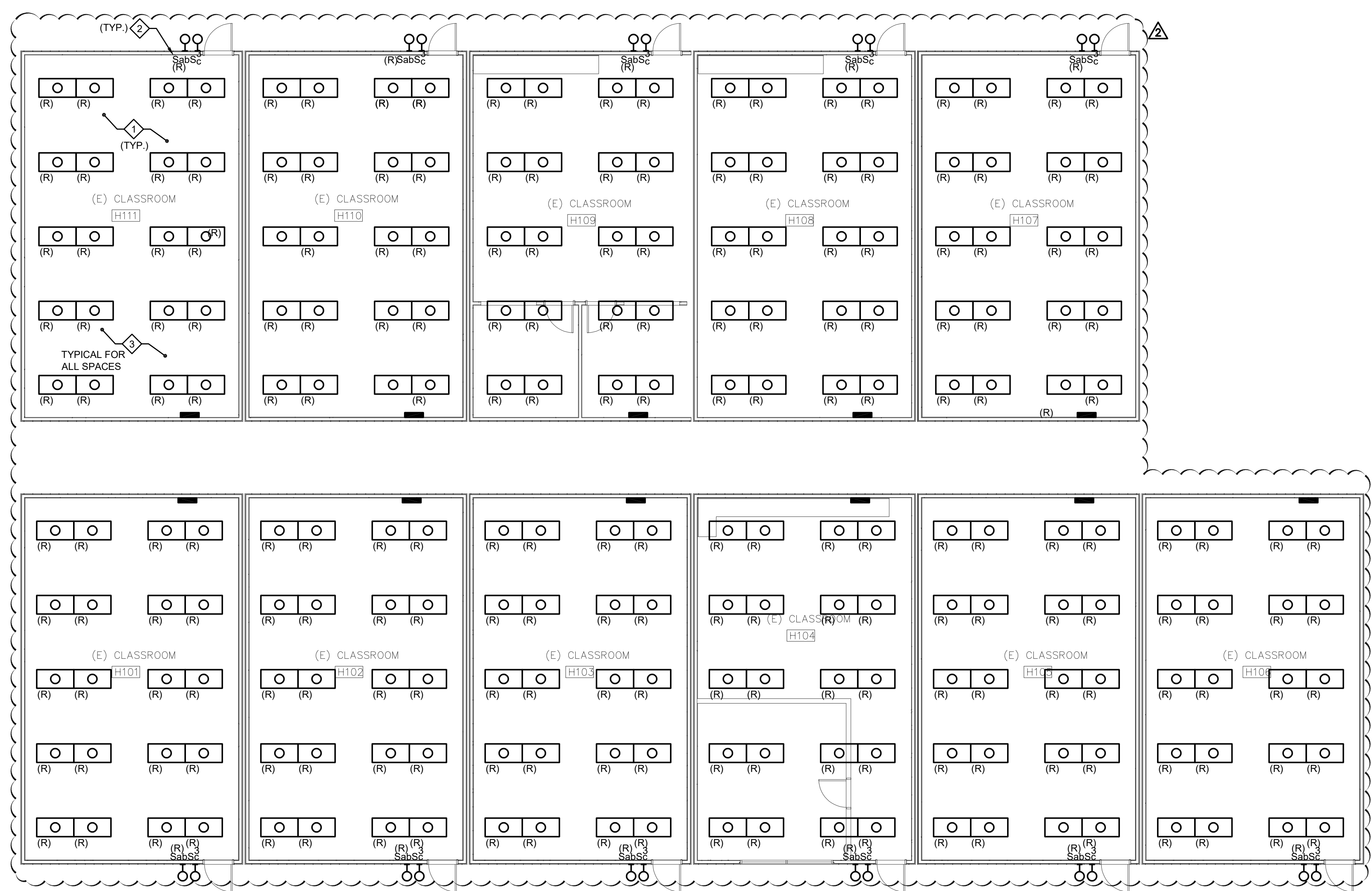
E2.E3



ELECTRICAL DEMOLITION PLAN - BLDG J - LEVEL 1
SCALE: 1/8" = 1'-0"

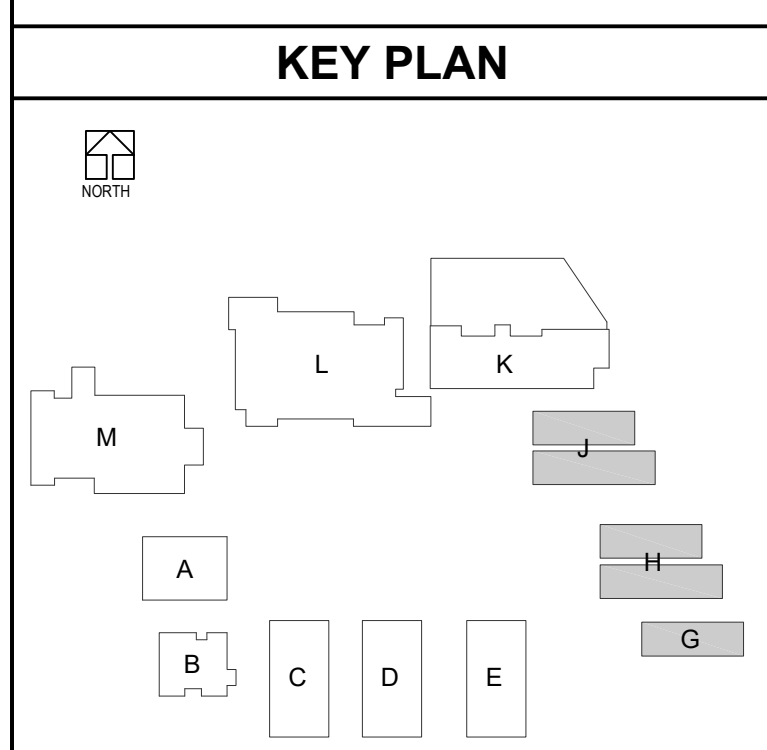


ELECTRICAL DEMOLITION PLAN - BLDG G - LEVEL 1
SCALE: 1/8" = 1'-0"



ELECTRICAL DEMOLITION PLAN - BLDG H - LEVEL 1
SCALE: 1/8" = 1'-0"

- SHEET NOTES**
- 1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE AND ASSOCIATED CONDUIT AND CONDUCTORS BACK TO NEAREST J-BOX FOR RE-USE IN CONNECTING NEW FIXTURES.
 - 2. DISCONNECT AND REMOVE EXISTING LIGHT SWITCH. PROVIDE BLANK COVER PLATE AT EXISTING LOCATION.
 - 3. DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE AND ASSOCIATED WIRING AND RACEWAYS BACK TO SOURCE. PROVIDE STAINLESS STEEL COVERPLATE AT (E)-BOX.



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ELECTRICAL DEMOLITION PLAN - BLDG G, H, J MODULARS
South El Monte HS Modernization
El Monte Union High School District
1001 Dufferin Ave., South El Monte, CA 91733

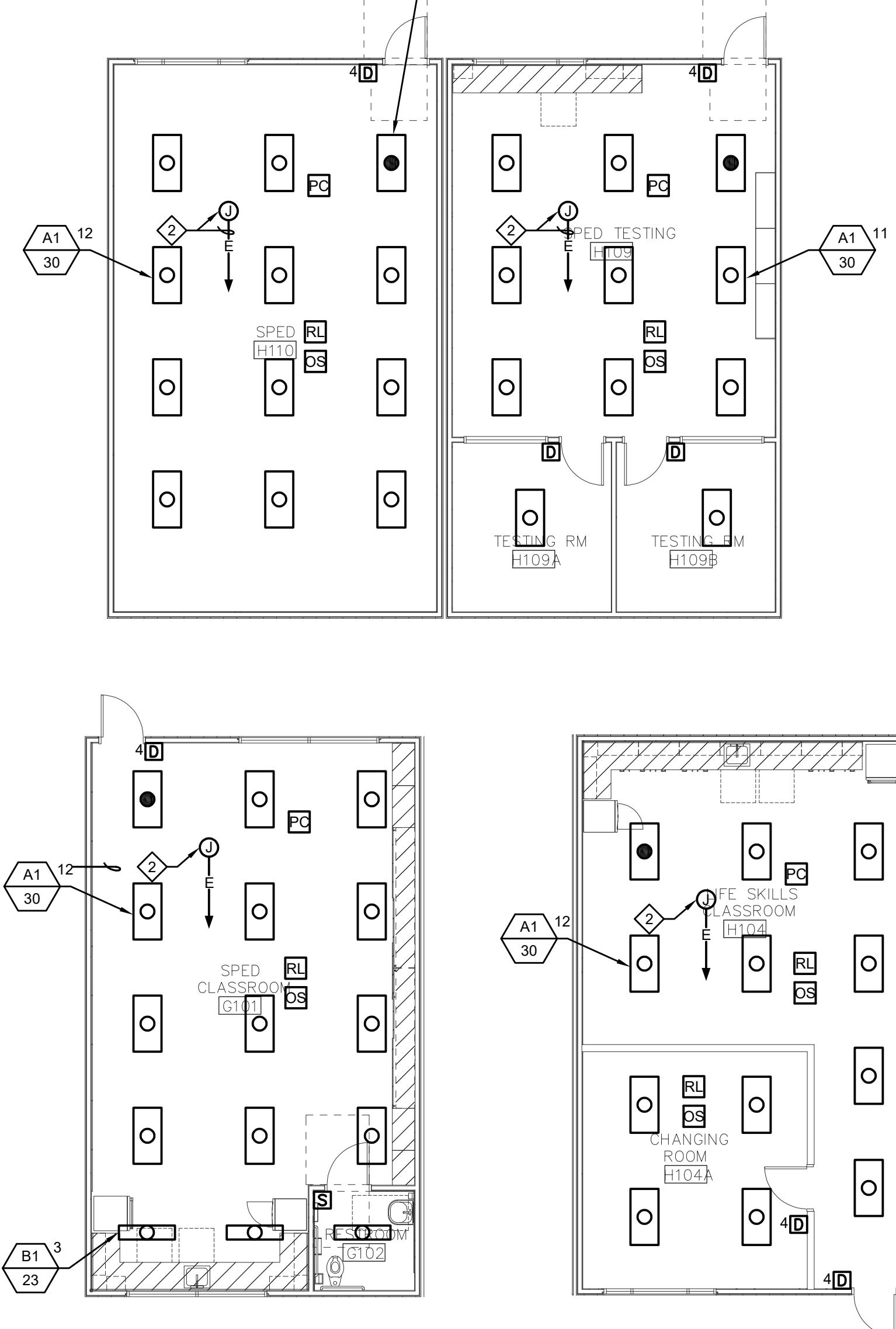
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03/01/2022
Revision Description
1 11/16/2022 2 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #04-122081
DSA FILE #19-H10

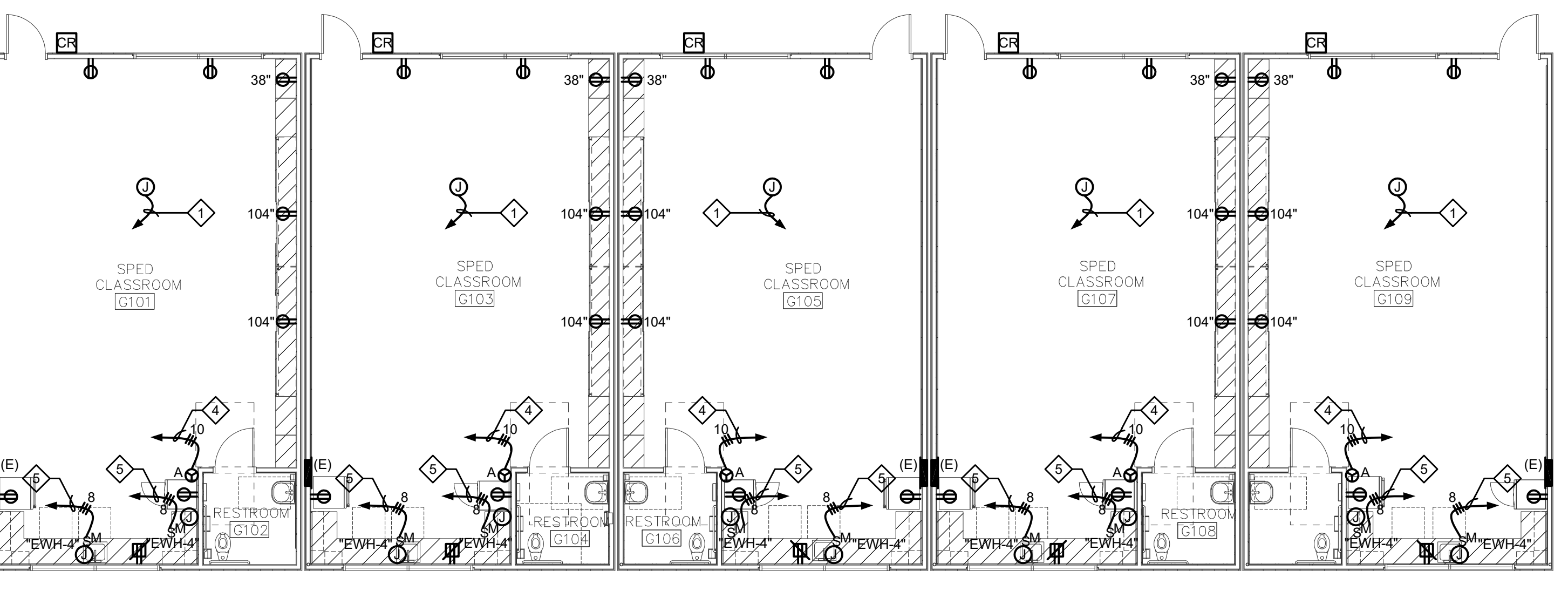
ED2.G1

LIGHTING FIXTURES SHOWN WITH SHADED CENTER SHALL BE FURNISHED COMPLETE WITH EMERGENCY BATTERY PACK, TEST LAMP AND SWITCH. PROVIDE UNSWITCHED HOT CONDUCTOR IN ADDITION TO WIRING INDICATED ON DRAWINGS, TYPICAL.

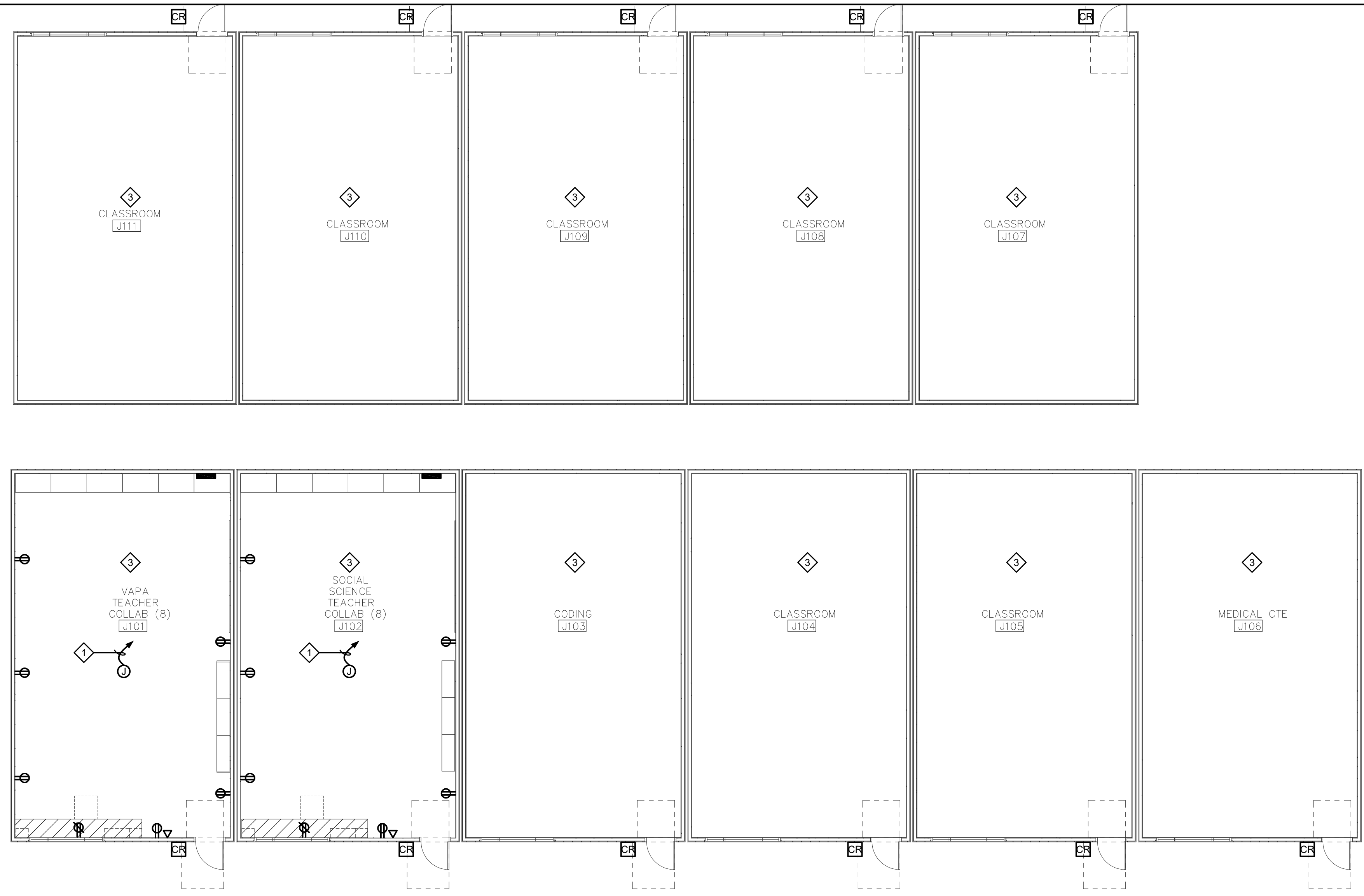


ACCESS CONTROL SYSTEM NOTE:
ALL LOW VOLTAGE CABLES SHALL BE RUN CONTINUOUS FROM ACCESS CONTROL PANEL/CONTROLLERS TO DOORS WITH ACCESS CONTROL HARDWARE WITH NO SPLICES VIA CONDUIT AND/OR J-HOOKS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

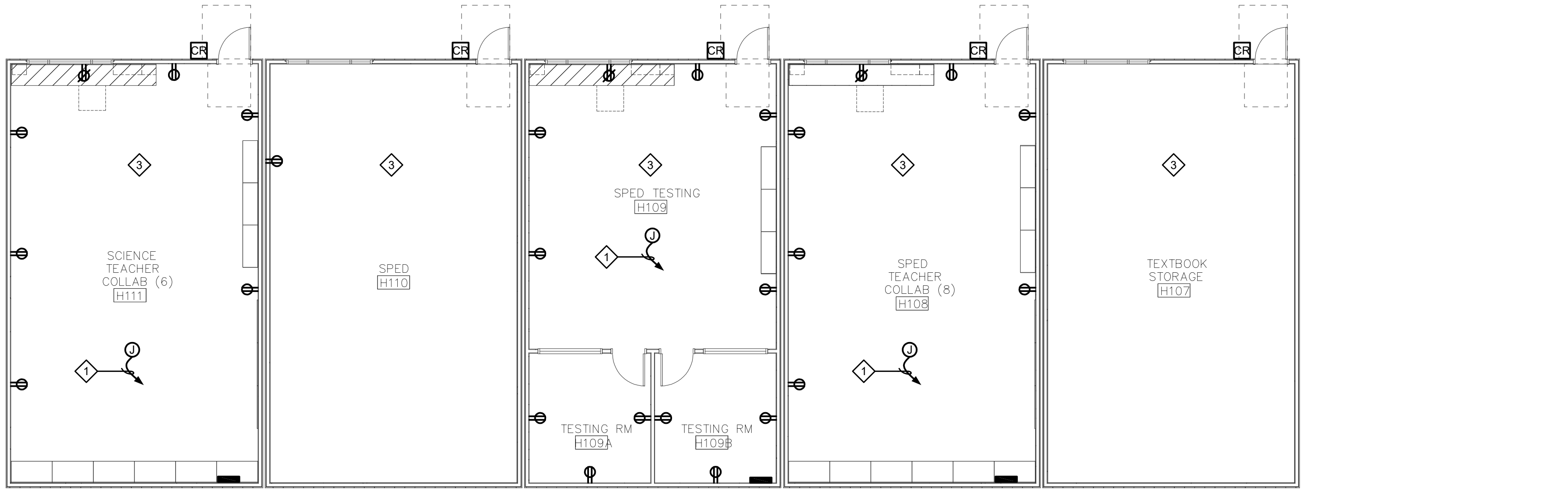
LIGHTING PLAN - BLDG G, H, AND J - LEVEL 1
SCALE: 1/8" = 1'-0"



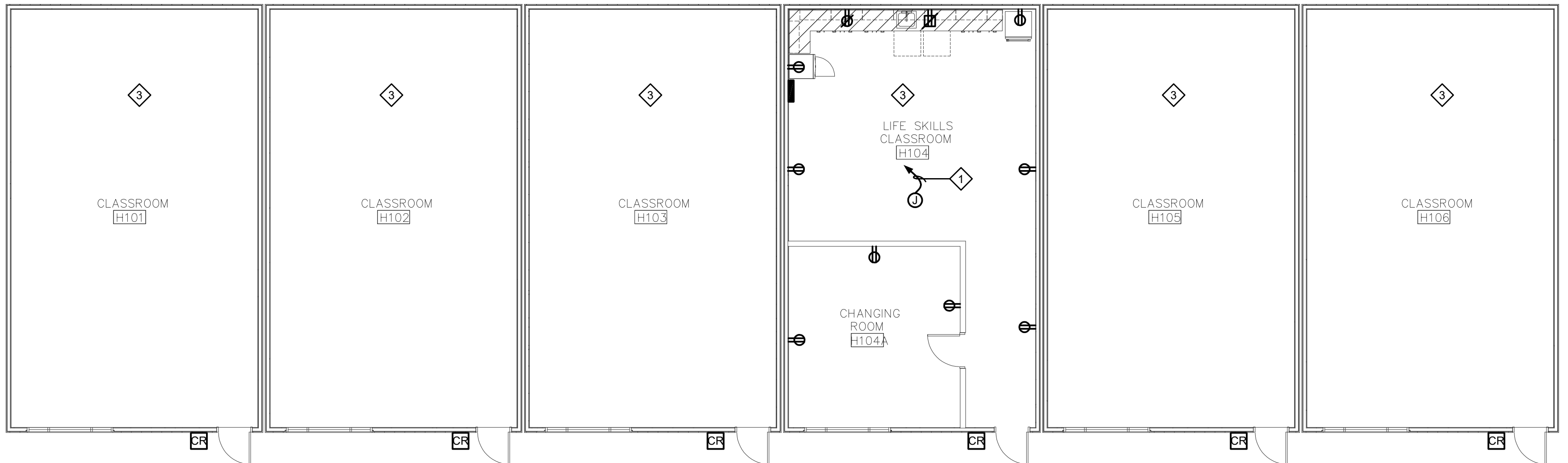
ELECTRICAL PLAN - BLDG G - LEVEL 1
SCALE: 1/8" = 1'-0"



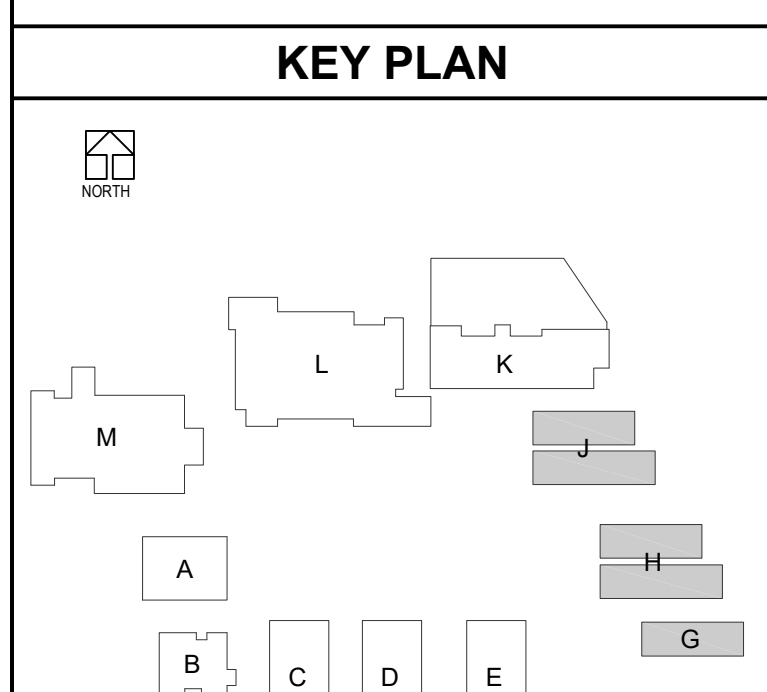
ELECTRICAL PLAN - BLDG J - LEVEL 1
SCALE: 1/8" = 1'-0"



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



- SHEET NOTES**
- PROVIDE AND INSTALL (2) NEW 20A-1P CIRCUIT BREAKERS AND MOUNTING HARDWARE TO MATCH EXISTING MANUFACTURER AND AIC RATING IN EXISTING PANEL FOR NEW DEVICES. UPDATE PANEL SCHEDULE ACCORDINGLY. ALTERNATE CIRCUITS TO DEVICES.
 - INTERCEPT EXISTING LIGHTING CIRCUIT AND EXTEND TO NEW LIGHT FIXTURES. VERIFY INTERCEPT POINT PRIOR TO CONSTRUCTION.
 - REFER TO LIGHTING PLAN ON THIS SHEET FOR ADDITIONAL INFORMATION.
 - PROVIDE AND INSTALL A NEW 30A-2P CIRCUIT BREAKER AND MOUNTING HARDWARE TO MATCH EXISTING MANUFACTURER AND AIC RATING IN EXISTING PANEL FOR NEW DRYER. UPDATE PANEL SCHEDULE ACCORDINGLY.
 - PROVIDE AND INSTALL A NEW 40A-2P CIRCUIT BREAKER AND MOUNTING HARDWARE TO MATCH EXISTING MANUFACTURER AND AIC RATING IN EXISTING PANEL FOR NEW ELECTRIC WATER HEATER. UPDATE PANEL SCHEDULE ACCORDINGLY.



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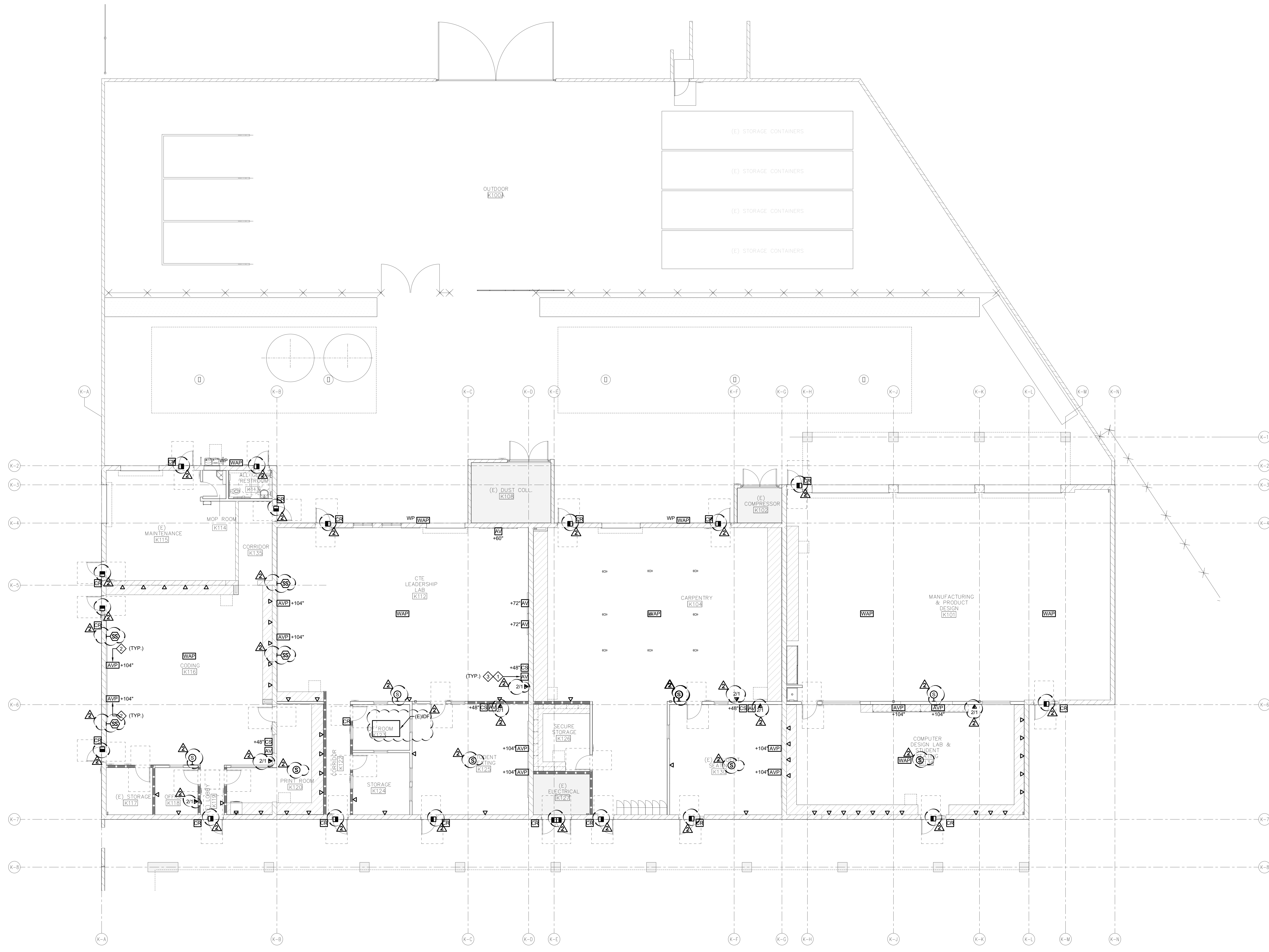
ELECTRICAL PLAN - BLDG G, H, J MODULARS
South El Monte HS Modernization
El Monte Union High School District
1001 Dufferin Ave., South El Monte, CA 91733

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1 11/08/2022 2 ADDENDUM 2



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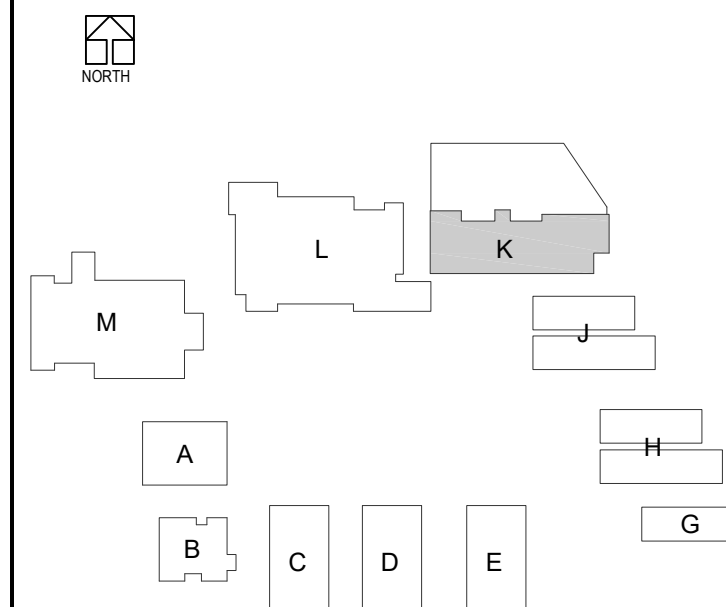


COMMUNICATION PLAN - BLDG K
SCALE: 1/8" = 1'-0"

SHEET NOTES

- ◆ TEACHER STATION. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- ◆ SHORT THROW PROJECTOR. VERIFY EXACT LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
- ◆ COORDINATE LOCATION AND MOUNTING HEIGHTS OF ALL AUDIOVISUAL BACKBOXES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.

KEY PLAN



ACCESS CONTROL SYSTEM NOTE:
ALL LOW VOLTAGE CABLES SHALL BE RUN CONTINUOUS FROM ACCESS CONTROL PANEL/CONTROLLERS TO DOORS WITH ACCESS CONTROL HARDWARE WITH NO SPLICES VIA CONDUIT AND/OR J-HOOKS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

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COMMUNICATION PLAN - BLDG K
South El Monte HS Modernization
El Monte Union High School District
1001 Dunbar Ave, South El Monte, CA 91733

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03/01/2022
Revision Description
11/16/2022 2 ADDENDUM 2



3537 Johnson Ave.
El Monte, CA 91731
PROJECT #75-20225-00
DSA APPL #04-122081
DSA FILE #19-H10

E2.K3

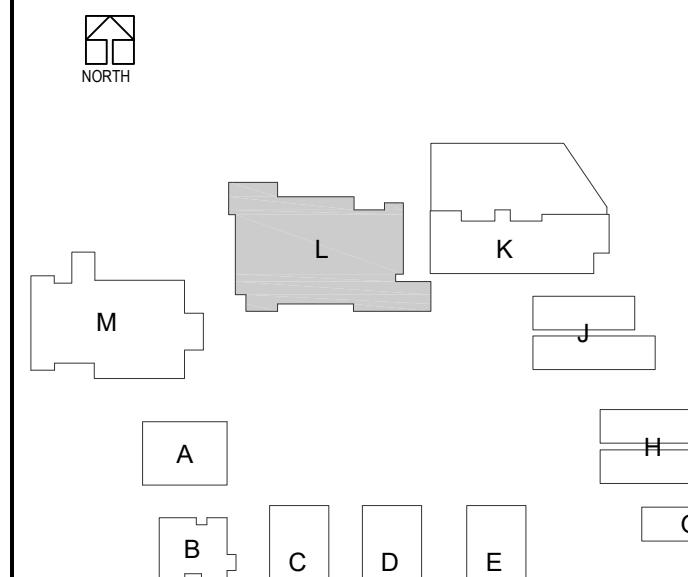


ACCESS CONTROL SYSTEM NOTE:
 ALL LOW VOLTAGE CABLES SHALL BE RUN CONTINUOUS FROM ACCESS CONTROL PANEL/CONTROLLERS TO DOORS WITH ACCESS CONTROL HARDWARE WITH NO SPLICES VIA CONDUIT AND/OR J-HOOKS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.

SHEET NOTES

◆

KEY PLAN



COMMUNICATION PLAN - BLDG L
 SCALE: 1/8" = 1'-0"



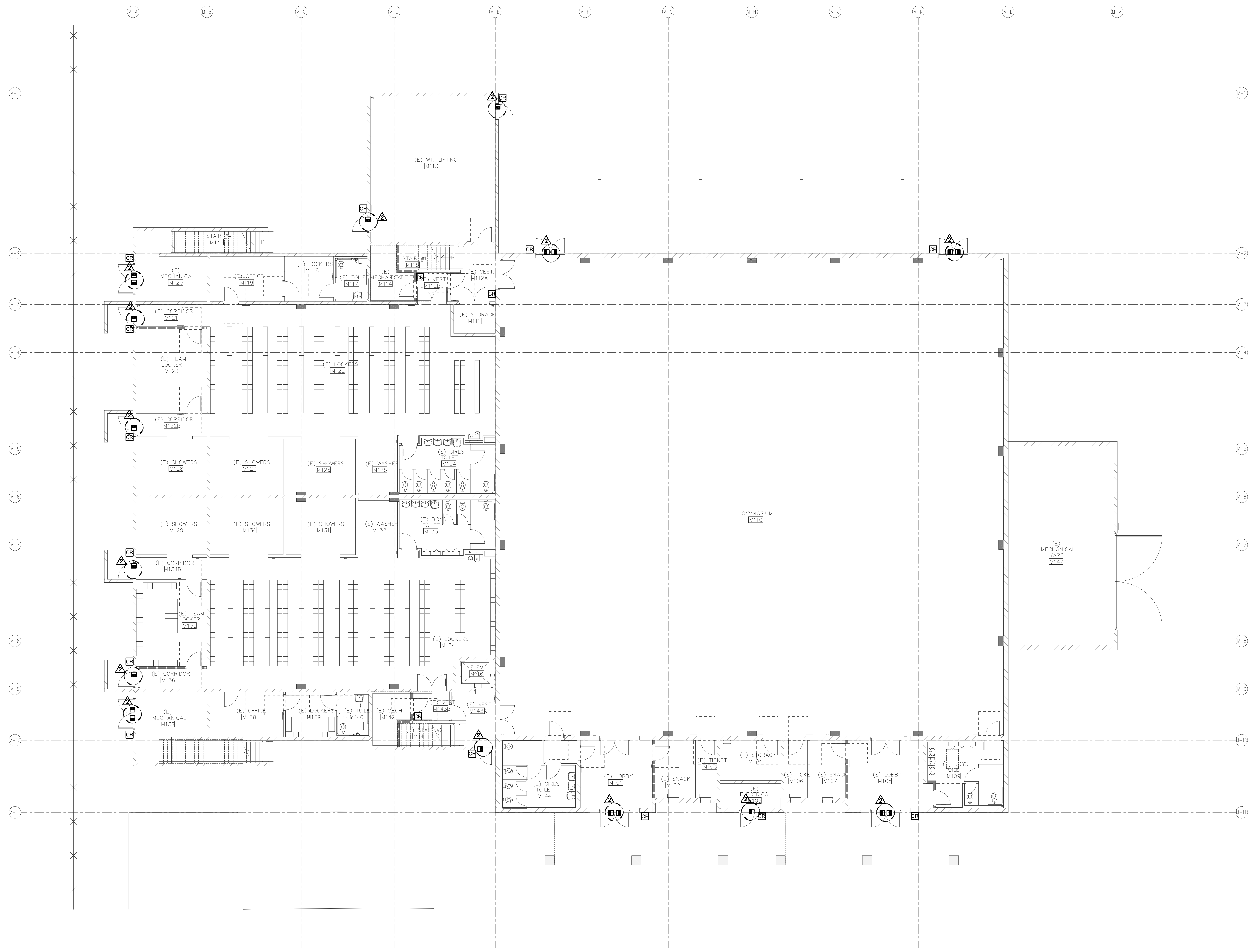
COMMUNICATION PLAN - BLDG L
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Dufferin Ave, South El Monte, CA 91733

100% CDs	03/01/2022
Revisions	
Date	Revision Description
11/16/2022	2 ADDENDUM 2



3537 Johnson Ave,
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #04-122081
 DSA FILE #19-H10

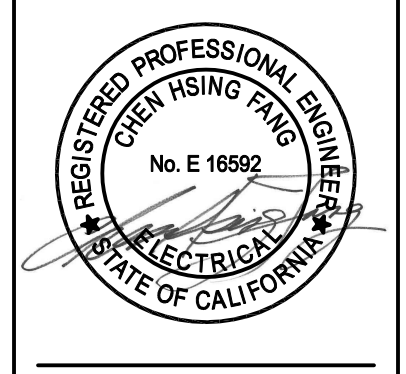
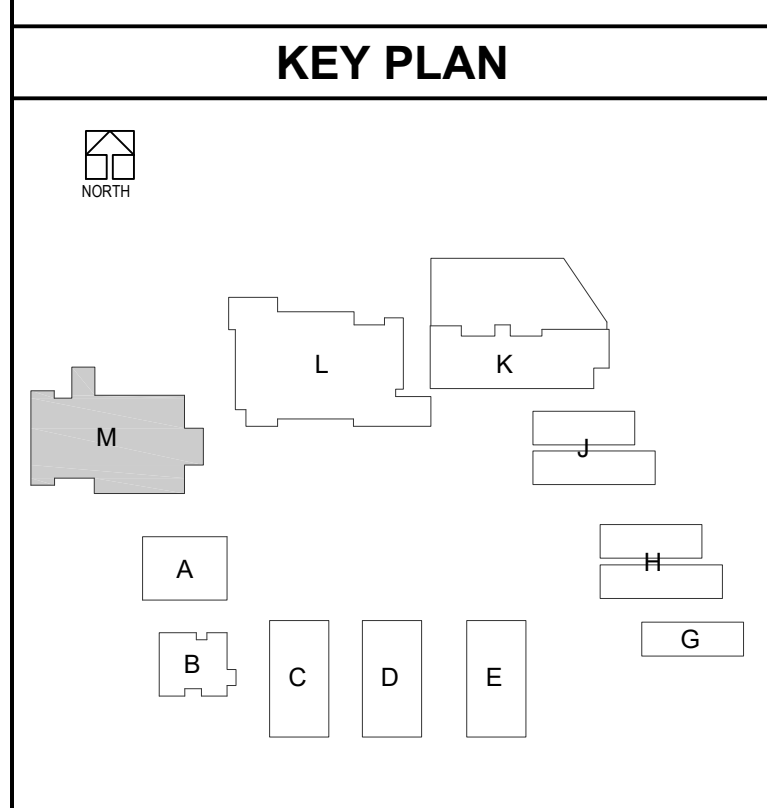
E2.L3



COMMUNICATION PLAN - BLDG M - LEVEL 1

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

ACCESS CONTROL SYSTEM NOTE:
 ALL LOW VOLTAGE CABLES SHALL BE RUN CONTINUOUS FROM ACCESS CONTROL PANEL/CONTROLLERS TO DOORS WITH ACCESS CONTROL HARDWARE WITH NO SPLICES VIA CONDUIT AND/OR J-HOOKS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS.



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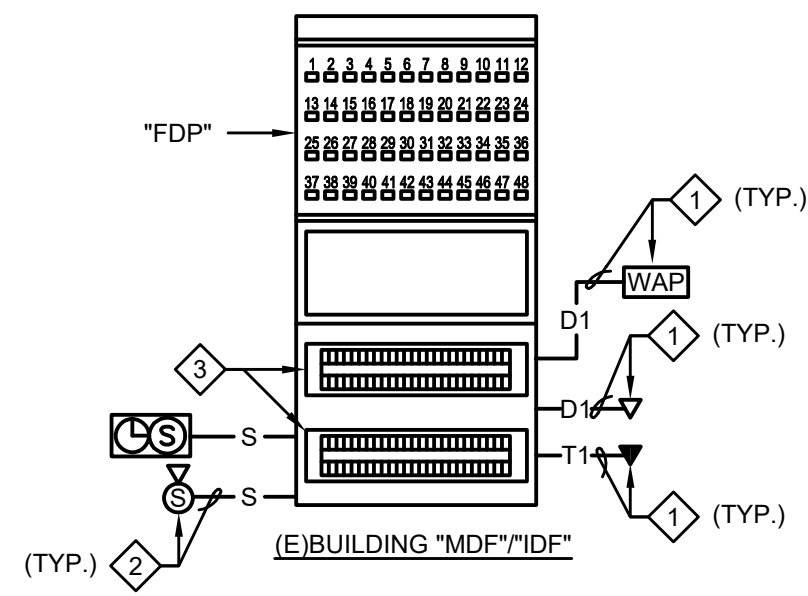
COMMUNICATION PLAN - BLDG M - LEVEL 1
 South El Monte HS Modernization
 El Monte Union High School District
 1001 Dufferin Ave., South El Monte, CA 91733

100% CDs
 03/01/2022
 Revision: 2
 Date: 11/16/2022
 Revision Description: ADDENDUM 2



3537 Johnson Ave.
 El Monte, CA 91731
 PROJECT #75-20225-00
 DSA APPL #04-122081
 DSA FILE #19-H10

E2.M1

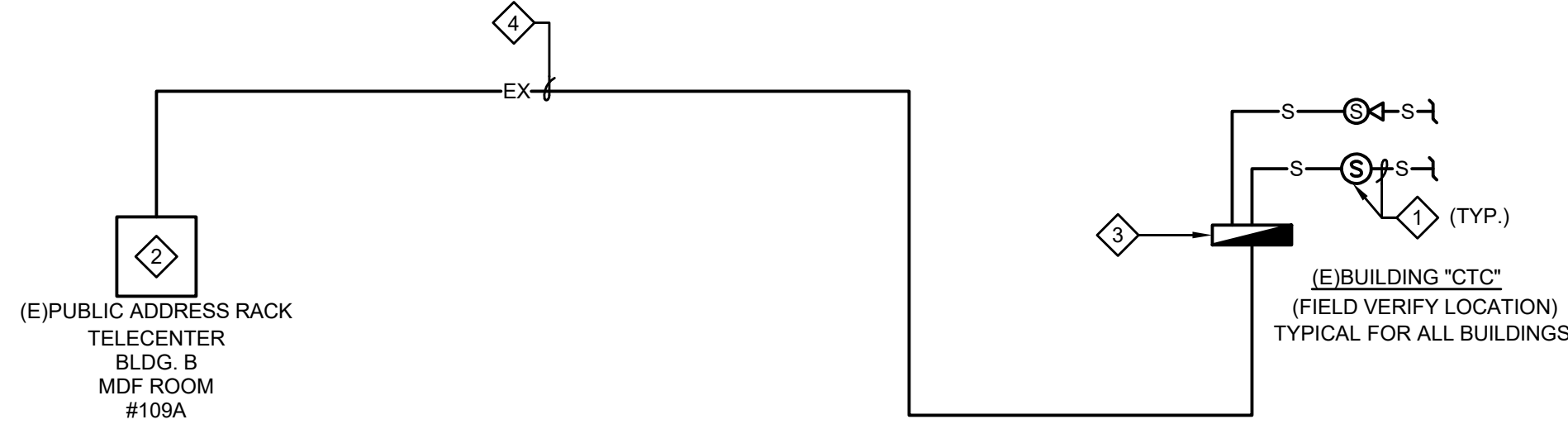


- NOTES:
- 1 ROUTE MINIMUM OF (1) CATEGORY 6 RATED 23 GA. 4 PAIR UTP CABLE TO EACH DATA JACK/TELEPHONE JACK AND TERMINATE ON CATEGORY 6 RATED JACK. SEE DRAWINGS FOR QUANTITIES AND LOCATIONS AND SPECIFICATIONS FOR REQUIREMENTS ALL CABLE SHALL BE RUN CONTINUOUS FROM JACK TO IDF WITH NO SPLICES VIA CONDUITS AND J-HOOKS.
 - 2 ROUTE MINIMUM OF (1) CATEGORY 6 RATED 23 GA. 4 PAIR UTP CABLE TO EACH SPEAKER JACK AND TERMINATE ON CATEGORY 6 RATED JACK. SEE DRAWINGS FOR QUANTITIES AND LOCATIONS AND SPECIFICATIONS FOR REQUIREMENTS. ALL CABLE SHALL BE RUN CONTINUOUS FROM JACK TO IDF WITH NO SPLICES VIA CONDUIT AND J-HOOKS.
 - 3 CATEGORY 6 RATED PATCH PANELS WITH NUMBERS OF PORTS AND 6-0" PATCH CORDS REQUIRED TO TERMINATE ALL CABLES INDICATED ON DRAWINGS PLUS 25% SPARE CAPACITY.

VOICE/DATA SYSTEM RISER DIAGRAM

SCALE
N.T.S.

1



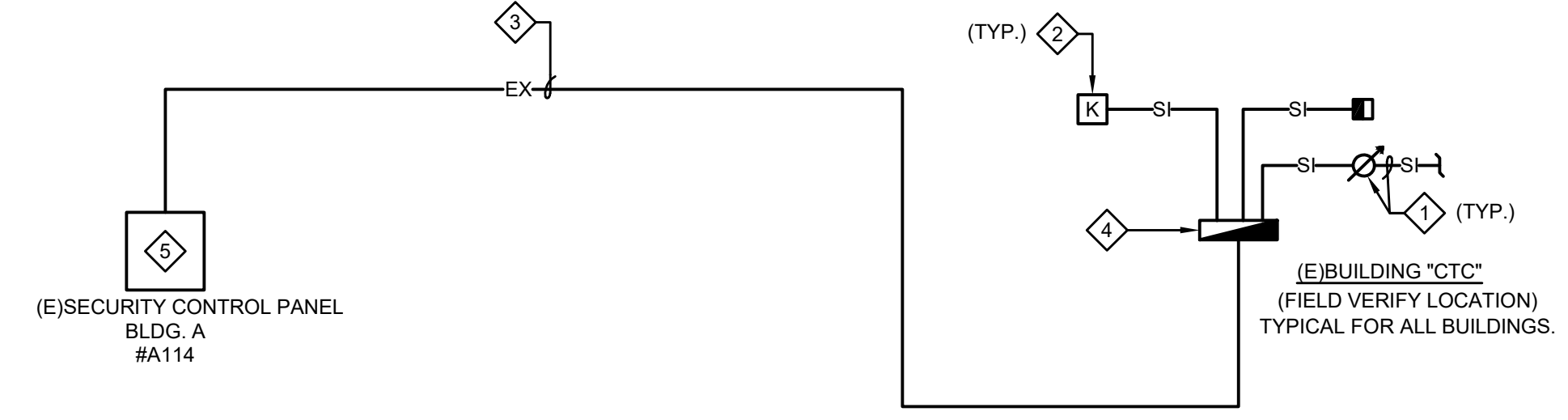
- NOTES:
- 1 PUBLIC ADDRESS SPEAKER AND FEEDER PER PLANS. SEE DRAWINGS FOR QUANTITIES AND LOCATIONS. REFER TO THE SPECIFICATION FOR SPEAKER AND CABLE TYPE.
 - 2 EXISTING PA SYSTEM RACK. PROVIDE ADDITIONAL COMPONENTS (MODULES, CONTROLLERS, ETC.) AND PROGRAMMING AS REQUIRED TO ACCOMMODATE ADDITIONAL SPEAKERS.
 - 3 (E)COMMUNICATION TERMINAL CABINETS FOR PUNCH DOWN OF CABLES.
 - 4 PULL QUANTITY OF SPEAKER CABLES IN CONDUIT AS REQUIRED TO ALLOW EACH SPEAKER TO OPERATE AS A ZONE.

ALL PUBLIC ADDRESS CABLES SHALL BE PUNCHED DOWN, CROSS CONNECTED AND TESTED.

PUBLIC ADDRESS SYSTEM RISER DIAGRAM

SCALE
N.T.S.

2



- NOTES:
- 1 INTRUSION DETECTION DEVICES AND FEEDER. SEE DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES. ROUTE CABLES VIA CONDUIT AND J-HOOKS. REFER TO THE SPECIFICATION AS REQUIRED.
 - 2 INTRUSION SYSTEM KEYPAD PER SPECIFICATIONS. COORDINATE EXACT KEYPAD LOCATION WITH THE SCHOOL DISTRICT IN THE FIELD PRIOR TO ROUGH-IN.
 - 3 PULL QUANTITIES OF CABLES IN CONDUIT INDICATED TO ALLOW FOR ZONE IDENTIFICATION PER ROOM. SEE DRAWINGS FOR QUANTITY OF SPACES TO BE IDENTIFIED AND SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
 - 4 (E)COMMUNICATION TERMINAL CABINETS FOR PUNCH DOWN OF CABLES.
 - 5 PROVIDE ALL ADDITIONAL COMPONENTS AND PROGRAMMING FOR A COMPLETE NETWORK SECURITY SYSTEM.

COORDINATE ARMING SEQUENCE AND CONTROL ZONES OF ALL KEYPADS WITH THE SCHOOL DISTRICT PRIOR TO INSTALLATION.

SECURITY SYSTEM RISER DIAGRAM

SCALE
N.T.S.

3

SCALE
N.T.S.

4

SCALE
N.T.S.

5

SCALE
N.T.S.

6



100% CDs

Revision	Date	Revision	Description
03/01/2022			
11/16/2022		2	ADDENDUM 2



APPLICABLE SPECIFICATION SECTIONS

DIVISION 11 - EQUIPMENT

- 11 61 13 THEATRICAL LIGHTING CONTROL SYSTEM
- 11 61 16 THEATRICAL WIRING DEVICES
- 11 61 19 THEATRICAL LIGHTING FIXTURES & ACCESSORIES
- 11 61 23 THEATRICAL DRAPERY & TRACK
- 11 61 33 PIPE GRID

DIVISION 26 - ELECTRICAL

- 26 01 00 BASIC ELECTRICAL REQUIREMENTS
- 26 01 11 CONDUIT
- 26 01 30 BOXES
- 26 01 60 CABINET ENCLOSURES
- 26 05 00 COMMON WORK RESULTS FOR ELECTRICAL
- 26 05 19 LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
- 26 05 29 HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
- 26 05 32 IDENTIFICATION FOR ELECTRICAL SYSTEMS
- 26 24 16 PANELBOARDS
- 26 27 26 WIRING DEVICES
- 26 51 00 INTERIOR LIGHTING

DIVISION 28 - SECURITY AND FIRE ALARM

- 28 31 00 FIRE DETECTION AND ALARM SYSTEM

ADDENDUM
2-2

THEATRICAL LIGHTING SYMBOLS

- ◆ THEATRICAL WIRING DEVICE, AS LABELED AND SCHEDULED.
- ◇ THEATRICAL CONTROL DEVICE, AS LABELED AND SCHEDULED.
- ⊙ OCCUPANCY/VACANCY SENSOR, CEILING-MOUNTED.
- ⊙ DAYLIGHT SENSOR, CEILING-MOUNTED.
- ADDITIONAL THEATRICAL EQUIPMENT AS LABELED AND SCHEDULED.

FOR ADDITIONAL INFORMATION, REFER TO:

- WIRING AND CONTROL DEVICE SCHEDULES
- WIRING AND CONTROL DEVICE DETAILS
- SPECIFICATIONS

THEATRICAL LIGHTING TAGS

- AWD**
WIRING DEVICE
QTY AND TYPE(S) OF RECEIPTS AS NOTED. QTY OF BRANCH CKTS AS NOTED. TERMINATING IN SCHEDULED DIMMER RACK(S) AND/OR PANEL(S).
- ET**
ETHERNET LAP
QTY OF RJ45 PORTS AS NOTED. INDIVIDUALLY HOME RUN TO SCHEDULED PATCH BAY OR NETWORK SWITCH.
- EG**
ETHERNET-TO-DIMX GATEWAY NODE
(1) RJ45 HOME RUN TO SCHEDULED PATCH BAY OR NETWORK SWITCH. QTY AND CONFIGURATION OF DIMX PORTS AS SCHEDULED.
- DMX**
DIMX DEVICE
QTY AND TYPE OF 5-PIN XLR PORTS AS NOTED. INDIVIDUALLY HOME RUN TO SCHEDULED DIMX SPLITTER OR GATEWAY.
- HL**
"HOUSE LIGHTING" CONTROL STATION
FACELATE CONFIGURATION AS SCHEDULED. WIRING TYPE AND TOPOLOGY AS NOTED.
- DS**
DAYLIGHT SENSOR
CONFIGURATION AND COVERAGE AS SCHEDULED. WIRING TYPE AND TOPOLOGY AS NOTED.
- VS**
OCCUPANCY/VACANCY SENSOR
CONFIGURATION AND COVERAGE AS SCHEDULED. WIRING TYPE AND TOPOLOGY AS NOTED.
- WAR**
WIRELESS ACCESS POINT
(1) RJ45 HOME RUN TO SCHEDULED PATCH BAY OR NETWORK SWITCH.
- ALP**
LIGHTING NETWORK CONTROL RACK
WITH ARCHITECTURAL LIGHTING PROCESSOR, NETWORK SWITCHES AND PATCH BAYS, DIMX SPLITTERS AND GATEWAYS, AND RELATED EQUIPMENT.
- DIN**
LIGHTING NETWORK DIN RAIL ENCLOSURE
WITH NETWORK SWITCHES AND PATCH BAYS, DIMX SPLITTERS AND GATEWAYS, AND RELATED EQUIPMENT.
- DR**
HIGH-DENSITY DIMMER RACK
REFER THEATRICAL DIMMER RACK SCHEDULE(S).
- LCP**
LIGHTING CONTROL PANELBOARD
MAINS-FED RELAY PANEL OR MOTORIZED BREAKER PANEL. REFER THEATRICAL PANEL SCHEDULE(S).
- LRP**
LIGHTING CONTROL RELAY PANEL
FEEDTHROUGH RELAY PANEL OR MOTORIZED BREAKER PANEL. REFER THEATRICAL PANEL SCHEDULE(S).
- EBDK**
EMERGENCY BYPASS DETECTION KIT
WITH POWER SENSE FEED AND FIRE ALARM CONTROL PANEL CONNECTION. REFER ELECTRICAL FOR LIGHTING POWER TRANSFER.
- EBEC**
DMX EMERGENCY BYPASS CONTROLLER
SIGNALS SELECT DIMX-CONTROLLED LIGHTING FIXTURES TO PANIC PRESET UPON LOSS OF POWER OR FIRE ALARM SIGNAL.
- ECC**
LIGHTING CONTROL CONSOLE
REFER SPECIFICATIONS FOR MFR, MODEL NUMBER, AND ACCESSORIES.

THEATRICAL NOTES

1. THE LAYOUT OF DRAPERY SHOWN IN THESE DRAWING IS FOR COMMISSIONING PURPOSES ONLY AND DOES NOT REPRESENT ANY SUGGESTED REPERTORY PLOT.
2. THE ARRANGEMENT(S) OF FLEXIBLE SEATING SHOWN IN THESE DRAWING IS FOR COMMISSIONING PURPOSES ONLY. FINAL LAYOUT AT DIRECTION OF OWNER DURING INSTALLATION OR AT CONCLUSION OF TRAINING.
3. LIGHTING CONTROL DEVICE PROGRAMMING SHOWN IN THESE DRAWINGS IS FOR INITIAL PROGRAMMING ONLY. FINAL PROGRAMMING TO BE REFINED AT COMMISSIONING BY OWNER, AND AT SUBSEQUENT TRAINING SESSIONS. REFER SPECIFICATIONS.
4. REFER G-SERIES SHEETS FOR APPLICABLE BUILDING CODES.

APPLICABLE STANDARDS

REFER STAGE LEGEND BELOW FOR ADDITIONAL ABBREVIATIONS AND THEATRICAL TERMS.

STANDARD NUMBER	DESCRIPTION
ANSI E1.3 - 2001 (R2021)	Lighting Control Systems - 0 to 10 V Analog Control Specification
ANSI E1.4-2 - 2021	Statically Suspended Rigging Systems
ANSI E1.8-2018	Loudspeaker Enclosures Intended for Overhead Suspension -- Classification, Manufacture and Structural Testing
ANSI E1.9 - 2007 (R2017)	Reporting Photometric Performance Data for Luminaires Used in Entertainment
ANSI E1.11 - 2008 (R2018)	USITT DMX512-A, Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories
ANSI E1.15 - 2006 (R2021)	Recommended Practices and Guidelines for the Assembly and Use of Theatrical Boom & Base Assemblies
ANSI E1.17 - 2015 (R2020)	Architecture for Control Networks
ANSI E1.20 - 2010	RDM-Remote Device Management over USITT DMX512 Networks
ANSI E1.23 - 2020	Design, Execution, and Maintenance of Atmospheric Effects
ANSI E1.25 - 2012 (R2017)	Recommended Basic Conditions for Measuring the Photometric Output of Stage and Studio Luminaires by Measuring Illumination Levels Produced on a Planar Surface
ANSI E1.27-1 - 2006 (R2021)	Standard for Portable Control Cables for Use with ANSI E1.11 [DMX512-A] and USITT DMX512/1990 Products
ANSI E1.31 - 2018	Lightweight streaming protocol for transport of DMX512 using ACN
ANSI E1.33 - 2019	[RDMnet] -- Message Transport and Device Management of ANSI E1.20 (RDM) compatible and similar devices over IP Networks
ANSI E1.35 - 2013 (R2018)	Standard for Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use
ANSI E1.47-2020	Recommended Guidelines for Entertainment Rigging System Inspections
ANSI E1.53 - 2019	Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice
ANSI E1.54 - 2021	ESTA Standard for Color Communication in Entertainment Lighting
ANSI E1.56-2018	Rigging Support Points
ANSI E1.62 - 2021	Minimum specifications for mass-produced portable platforms, ramps, stairs, and choral risers for live performance events
	Introduction to Modern Atmospheric Effects, 6th edition
	Recommended Practice for DMX512: A guide for users and installers, 2nd edition
	Recommended Practice for Ethernet Cabling Systems in Entertainment Lighting Applications and the Supplement to the Recommended Practice for Ethernet Cabling Systems in Entertainment Lighting Applications

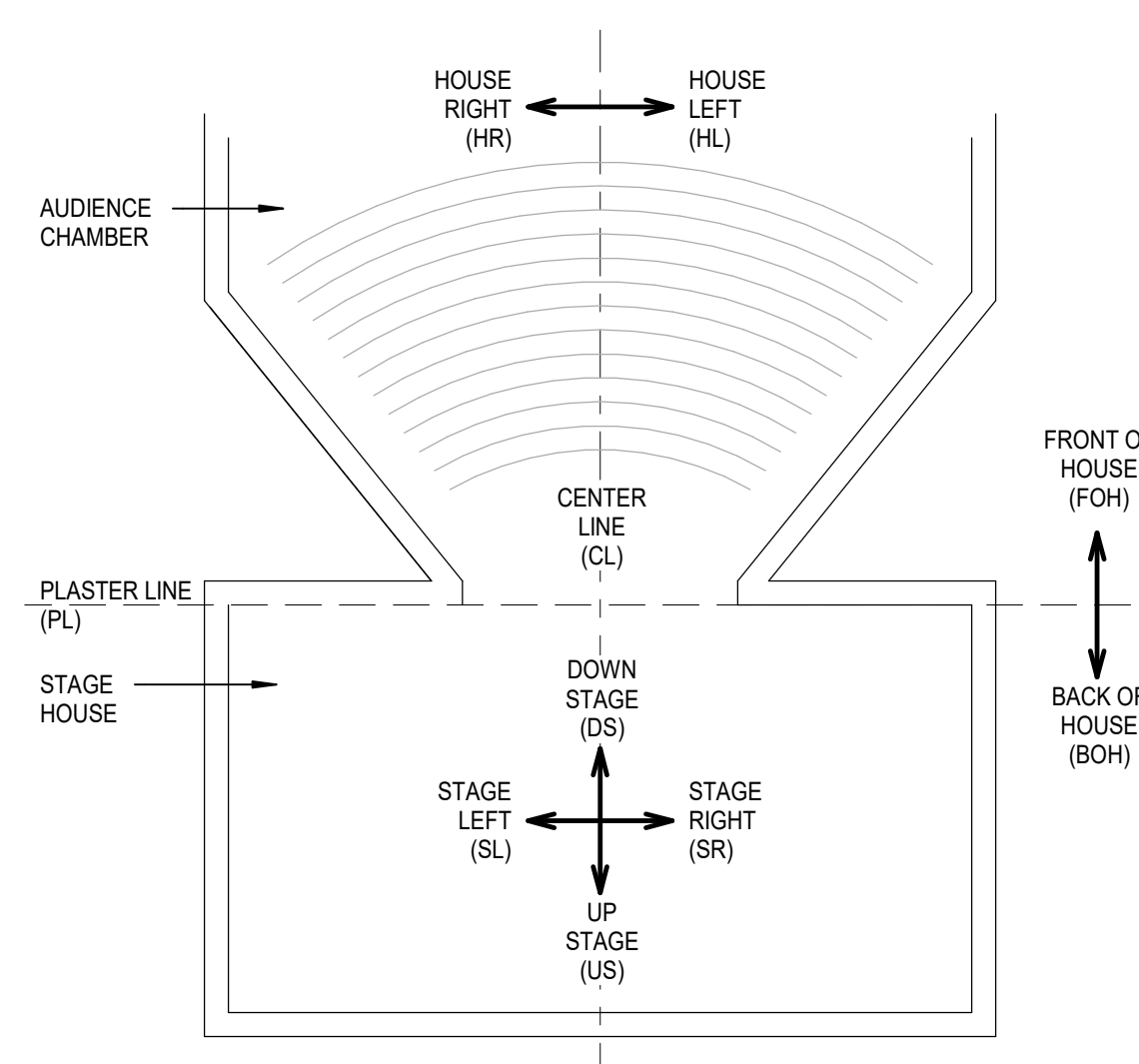
THEATRICAL ABBREVIATIONS

#	NUMBER
&	AND
@	AT
ACT	ACOUSTIC CEILING TILE
ADA	AMERICANS WITH DISABILITY ACT
ADDN	ADDITION OR ADDITIONAL
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AUTHORITY HAVING JURISDICTION
ALS	ASSISTED LISTENING SYSTEM
ALT	ALTERNATE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AWG	AMERICAN WIRE GAUGE
BLDG	BUILDING
BSMT	BASEMENT
CL	CENTER LINE
CLG	CEILING
CM	CONSTRUCTION MANAGER
COMM	COMMUNICATIONS
CONC	CONCRETE
CONN(S)	CONNECTION(S)
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACT(OR)
CTR	CENTER
D	DEPTH
DEG	DEGREE
DEMO	DEMOLISH OR DEMOLITION
DET	DETAIL
DIA	DIAMETER
DM	DIMENSION
DIV	SPECIFICATION DIVISION
DN	DOWN
DWG(S)	DRAWING(S)
E	EAST
EA	EACH
EC	ELECTRICAL CONTRACTOR
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENG	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EXIST	EXISTING
EXT	EXTERIOR
F.V.	FIELD VERIFY
FB	FLOOR BOX
FBO	FURNISHED BY OTHERS
FEE	FURNITURE FIXTURES & EQUIPMENT
FIN	FINISHED
FL	FLOOR
FT	FEET
FUT	FUTURE
GC	GENERAL CONTRACTOR
GOVT	GOVERNMENT
H	HEIGHT
HD	HIGH DEFINITION
HL	TO THE LEFT FROM AUDIENCE PERSPECTIVE
HORIZ	HORIZONTAL
HR	TO THE RIGHT FROM AUDIENCE PERSPECTIVE
HV	HIGH VOLTAGE
I.e.	THAT IS
IBC	INTERNATIONAL BUILDING CODE
IN	INCH
INT	INTERIOR
LB(S)	POUND(S)
LV	LOW VOLTAGE
M	THOUSAND
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MTG	MOUNTING
N	NORTH
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OPP	OPPOSITE
OVHD	OVERHEAD
PAR	PARALLEL
PENT	PENTHOUSE
PERP	PERPENDICULAR
PLYWD	PLYWOOD
PWR	POWER
QTY	QUANTITY
RAD	RADIUS
RCP	REFLECTED CEILING PLAN
REF	REFERENCE
REQ(D)	REQUIRE(D)
REV	REVISION(S)
RM	ROOM
RND	ROUND
S	SOUTH
SATV	SATELLITE TELEVISION
SBD	SCHEMATIC BLOCK DIAGRAM
SCHED	SCHEDULE
SCRN	PROJECTION SCREEN
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SL	TO THE LEFT FROM ACTOR PERSPECTIVE
SPEC	SPECIFICATION(S)
SPKR	SPEAKER
SR	TO THE RIGHT FROM ACTOR PERSPECTIVE
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
TEMP	TEMPORARY
Typ	TYPICAL
UL	UNDERWRITERS LABORATORIES
UNEX	UNEXCAVATED
UNFN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VTC	VIDEO TELECONFERENCING
W	WEST
W/O	WITHOUT

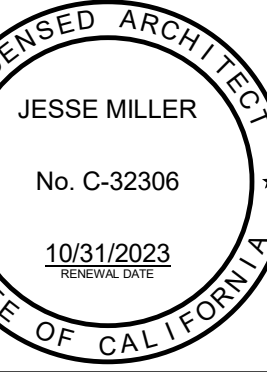
THEATRICAL SHEET INDEX

SHEET NUMBER	SHEET NAME
QT0.01	THEATRICAL GENERAL INFORMATION
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QT1.12L	LEVEL 02 - AREA L - THEATRICAL LIGHTING PLAN
QT1.21	THEATRICAL DRAPERY PLAN
QT1.31	THEATRICAL RIGGING PLAN
QT3.21	THEATRICAL DRAPERY SECTIONS
QT3.31	THEATRICAL RIGGING LONGITUDINAL SECTIONS
QT3.32	THEATRICAL RIGGING TRANSVERSE SECTIONS
QT4.1	THEATRICAL LIGHTING CONTROL DIAGRAM
QT5.11	THEATRICAL WIRING DEVICE DETAILS & SCHEDULE
QT5.12	THEATRICAL CONTROL DEVICE DETAILS & SCHEDULE
QT5.21	THEATRICAL DRAPERY DETAILS - AREA L
QT5.31	THEATRICAL RIGGING DETAILS - AREA L
QT6.11	THEATRICAL LIGHTING FIXTURE & ACCESSORIES SCHEDULE

STAGE LEGEND



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Architecture Engineering Planning Interiors
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THEATRICAL GENERAL INFORMATION
South El Monte HS Modernization
El Monte Union High School District
10071 Durfee Ave, South El Monte, CA 91733

100% Cds
03/01/2022
Revisions
Date Revision Description
11/18/2022 ADDENDUM 2



3537 Johnson Ave,
El Monte, CA 91731
PROJECT #75-20225-00

QT0.01

ADDEND 11/11/2022
UNIT

BLN_360/75-20225-00 South El Monte HS Modernization/75-20225-00_SEMHS_QT_2020.rvt
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LIGHTING CONTROL PANELS		
SPECIFICATION 11 61 13		
TAG	LRP-1	ALP-1
SPEC SECTION	11 61 13	11 61 13
SERVICE	VARIES	TBD
LOCATION	TBD	TBD
TYPE	FEED THRU RELAY PANEL	NETWORK CONTROL RACK
BASIS OF DESIGN MANUFACTURER	ELECTRONIC THEATRE CONTROLS	MIDDLE ATLANTIC
MODEL	ECHO 48 FT	DWR SERIES
AMPERAGE	N/A	20
VOLTAGE IN	N/A	120
# PHASES	N/A	1
HZ	60	60
MAX WEIGHT	125 LB	300 LB
REFERENCE ANCHORAGE DETAIL	3/QTS.11 QT4.1	1/QTS.12
REFERENCE CONTROL DETAIL	QT4.1	QT4.1
NOTES		

ADDENDUM
2-21

WIRE TYPE LEGEND

HL (1) BELDEN #8471 OR EQUIVALENT (1) #14 ESD DRAIN WIRE	LOW-VOLTAGE WIRING FOR LIGHTING CONTROL STATIONS. MAY BE DAISY-CHAIN OR STAR TOPOLOGY WITHIN LIMITS SPECIFIED BY MANUFACTURER. OBSERVE MFR'S DISTANCE LIMIT.
CAT5E (1) BELDEN #1538A (OR EQUIV.) PER HOME RUN	SACN SIGNAL ON CAT-5E CABLE TO NETWORKED DEVICES. HOME RUN ONE CABLE PER PORT ON DEVICE. MAX RUN LENGTH 100 METERS WITHOUT SIGNAL REINFORCEMENT.
DMX (1) BELDEN #1538A (OR EQUIV.) PER HOME RUN	DMX-512 SIGNAL ON CAT-5E CABLE TO DMX PORTS OR DMX LIGHTING FIXTURES. HOME RUN ONE CABLE PER PORT ON DEVICE. MAX RUN LENGTH 1,000' WITHOUT SIGNAL REINFORCEMENT. MAX (32) DEVICES (NODES) PER RUN. FOLLOW MANUFACTURER'S GUIDELINES FOR DMX OVER CATEGORY CABLE.
0-10V (2) #16	CLASS 2 WIRING FOR 0-10V ANALOG LIGHTING CONTROL. MAX RUN 400'. KEEP ALL CONTROL WIRING SEPARATE FROM LINE VOLTAGE WIRING TO MAINTAIN INTEGRITY OF CONTROL SIGNAL PER NEC 725.
PANIC (2) #16	WIRING FOR PANIC SIGNAL. PANIC SIGNAL ORIGINATES AT FIRE ALARM CONTROL PANEL. REFER ELECTRICAL.
MFR	REFER MFR'S SHOP DRAWINGS.
CABLE TYPE	CABLE TYPE PER MANUFACTURER

GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL VERIFY ALL CONTROL WIRE TYPES AND PATHS ON MANUFACTURER SHOP DRAWINGS.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONTROL WIRE AND CONDUIT.
- WHERE CODE REQUIREMENTS APPLY, USE RISER OR PLENUM RATED CABLE TYPES EQUIVALENT TO CABLE TYPE LISTED HERE.
- THEATRICAL LIGHTING CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL COMPONENTS NECESSARY FOR A FULLY FUNCTIONAL SYSTEM SATISFYING DESIGN INTENT CONVEYED HEREIN AND IN SPECIFICATIONS.

SHEET KEY NOTES

- CAT-5E PATCH CABLE. LOOSE EQUIPMENT PROVIDED AS PART OF THE STAGE LIGHTING FIXTURES AND ACCESSORIES PACKAGE. REFER SCHEDULES.
- DMX-512 5-PIN XLR PATCH CABLE. LOOSE EQUIPMENT PROVIDED AS PART OF THE STAGE LIGHTING FIXTURES AND ACCESSORIES PACKAGE. REFER SCHEDULES.
- TERMINATES AT ETHERNET-TO-DMX GATEWAY IN DESIGNATED 'ALP' CONTROL RACK. FURNISH GATEWAYS IN QUANTITIES REQUIRED. DESIGN INTENT IS THAT USER MAY ASSIGN ANY DMX UNIVERSE AND ADDRESS TO ANY DMX PORT OR LIGHTING CONTROL RUN.
- DMX-CONTROLLED FIXTURES SHALL BE ADDRESSED BY THEATRICAL LIGHTING CONTRACTOR OR MANUFACTURER'S FACTORY-AUTHORIZED TECHNICIAN PRIOR TO TO FOCUS AND PROGRAMMING.
- REPRESENTS MEANS OF CONTROL FOR DMX-512 ENABLED STAGE LIGHTING FIXTURES. INSTALL OF STAGE LIGHTING FIXTURES IS N.I.C. UNLESS NOTED ELSEWHERE.

LIGHTING DEVICE SYMBOLS LEGEND

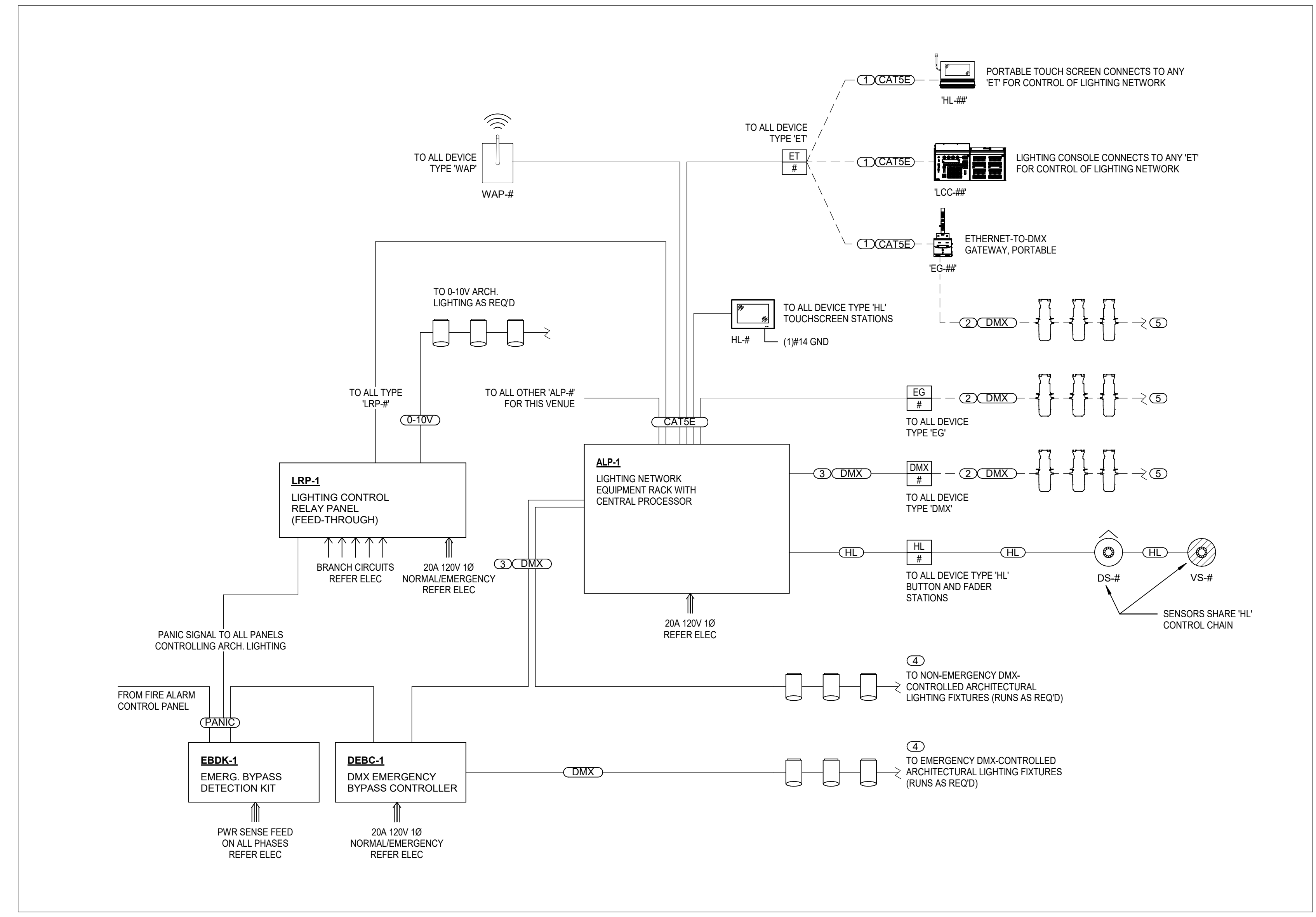
- THEATRICAL WIRING DEVICE, AS LABELED AND SCHEDULED
- THEATRICAL LIGHTING CONTROL DEVICE, AS LABELED AND SCHEDULED

LIGHTING DEVICE TAGS LEGEND

- WIRING DEVICE. TERMINATES IN DIMMER RACK AND/OR RELAY PANEL(S). REFER WIRING DEVICE SCHEDULE(S).
- DIMMER RACK
- LIGHTING CONTROL PANEL (INTEGRATED)
- LIGHTING RELAY PANEL (FEED-THROUGH)
- LIGHTING PROCESSOR & NETWORK RACK
- ETHERNET TAP
- ETHERNET GATEWAY NODE
- HOUSE LIGHTING CONTROL STATION
- WIRELESS ACCESS POINT
- LIGHTING CONTROL CONSOLE

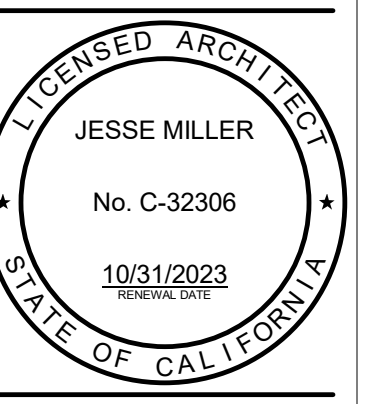
GENERAL NOTES

- THEATRICAL WIRING DEVICES FURNISHED BY THEATRICAL WIRING DEVICE MANUFACTURER AND INSTALLED BY ELECTRICAL CONTRACTOR.
- THEATRICAL NETWORKED LIGHTING CONTROL DEVICES FURNISHED BY THEATRICAL NETWORKED LIGHTING CONTROL DEVICE MANUFACTURER AND INSTALLED BY ELECTRICAL CONTRACTOR.
- EQUIPMENT LOAD FOR PIPE MOUNTED DEVICES IS FACTORED IN TO LIVE LOAD OF STATIC LIGHTING PIPES OR RIGGING SYSTEM, WHERE EACH OCCURS.
- BASIS OF DESIGN PANELS ARE NOTED ON QTS.11. REFER ELECTRICAL FOR FEED INFORMATION TO ALL PANELS. IF EQUIPMENT DEVIATIONS SUBMITTED, THE CONTRACTOR IS NOT RELIEVED OF PROVIDING EQUIPMENT TO MEET THE ELECTRICAL AND STRUCTURAL DETAILS NOTED IN THE CONTRACT DOCUMENTS.
- EQUIPMENT WEIGHT NOTED PER DETAIL ON QTS.11 AND QTS.12. REFER MEP COMPONENT ANCHORAGE NOTE ON E0.01.
- REFER QTS.11 FOR 'WD' WIRING DEVICE DETAILS AND SCHEDULES.
- REFER QTS.12 FOR 'CD' CONTROL DEVICE DETAILS AND SCHEDULES.



1 LIGHTING CONTROL DIAGRAM - TYPICAL
QT4.1 NO SCALE

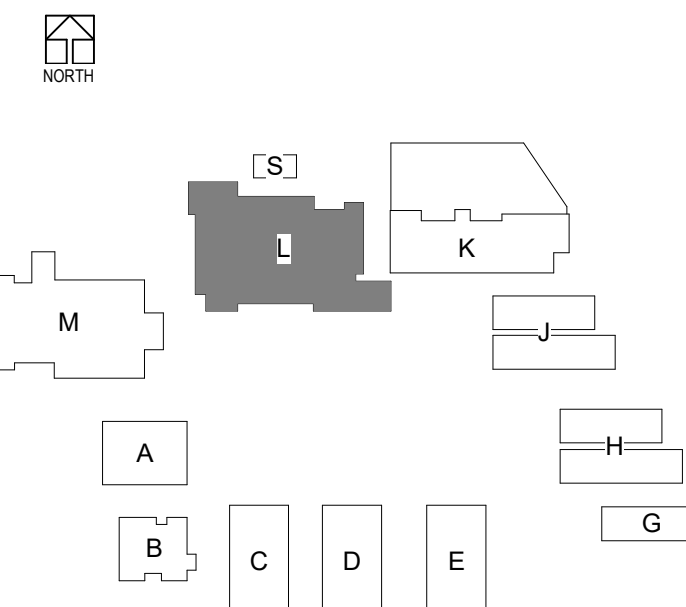
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THEATRICAL LIGHTING CONTROL DIAGRAM
South El Monte HS Modernization
El Monte Union High School District
10071 Durfee Ave, South El Monte, CA 91733

100% CDs
03/01/2022
Revisions
Date Revision Description
11/18/2022 ADDENDUM 2

KEY PLAN



3537 Johnson Ave,
El Monte, CA 91731
PROJECT #75-20225-00

QT4.1

ADDEND 11/11/2022
UNT2

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GENERAL NOTES

- RIGGING SYSTEM BASIS OF DESIGN EQUIPMENT NOTED ON QT5.31 AND QT5.31. IF EQUIPMENT DEVIATIONS SUBMITTED, THE CONTRACTOR IS NOT RELIEVED OF PROVIDING EQUIPMENT TO MEET THE STRUCTURAL DETAILS NOTED IN THE CONTRACT DOCUMENTS.
- REFER QT5.31 FOR SCHEDULES.



THEATRICAL RIGGING DETAILS - AREA L
 South El Monte HS Modernization
 El Monte Union High School District
 10071 Durfee Ave., South El Monte, CA 91733

100% CDs
 03/01/2022
 11/18/2022 ADDENDUM 2



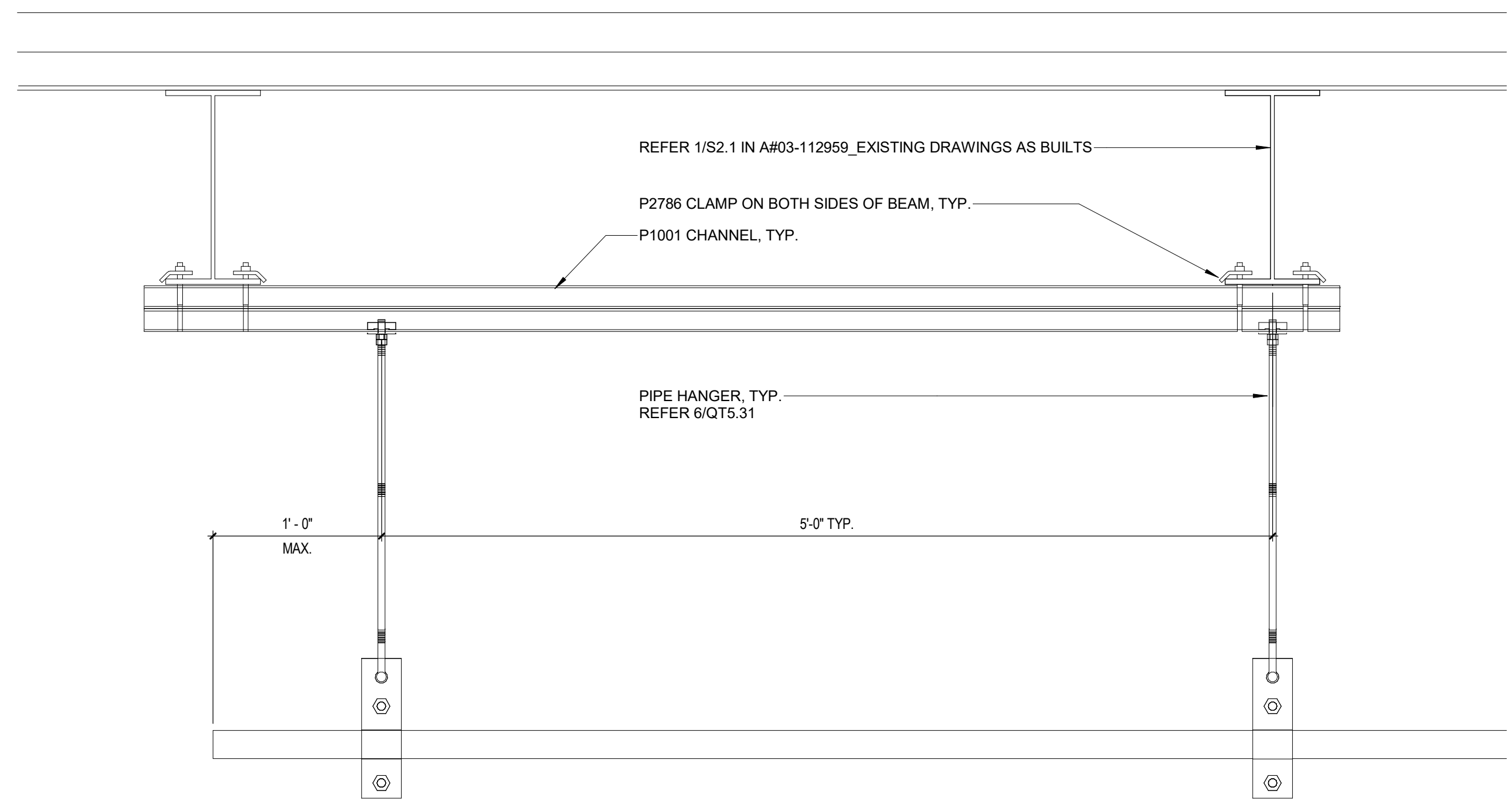
3537 Johnson Ave.
 El Monte, CA 91731
 PROJECT #75-20225-00

QT5.31

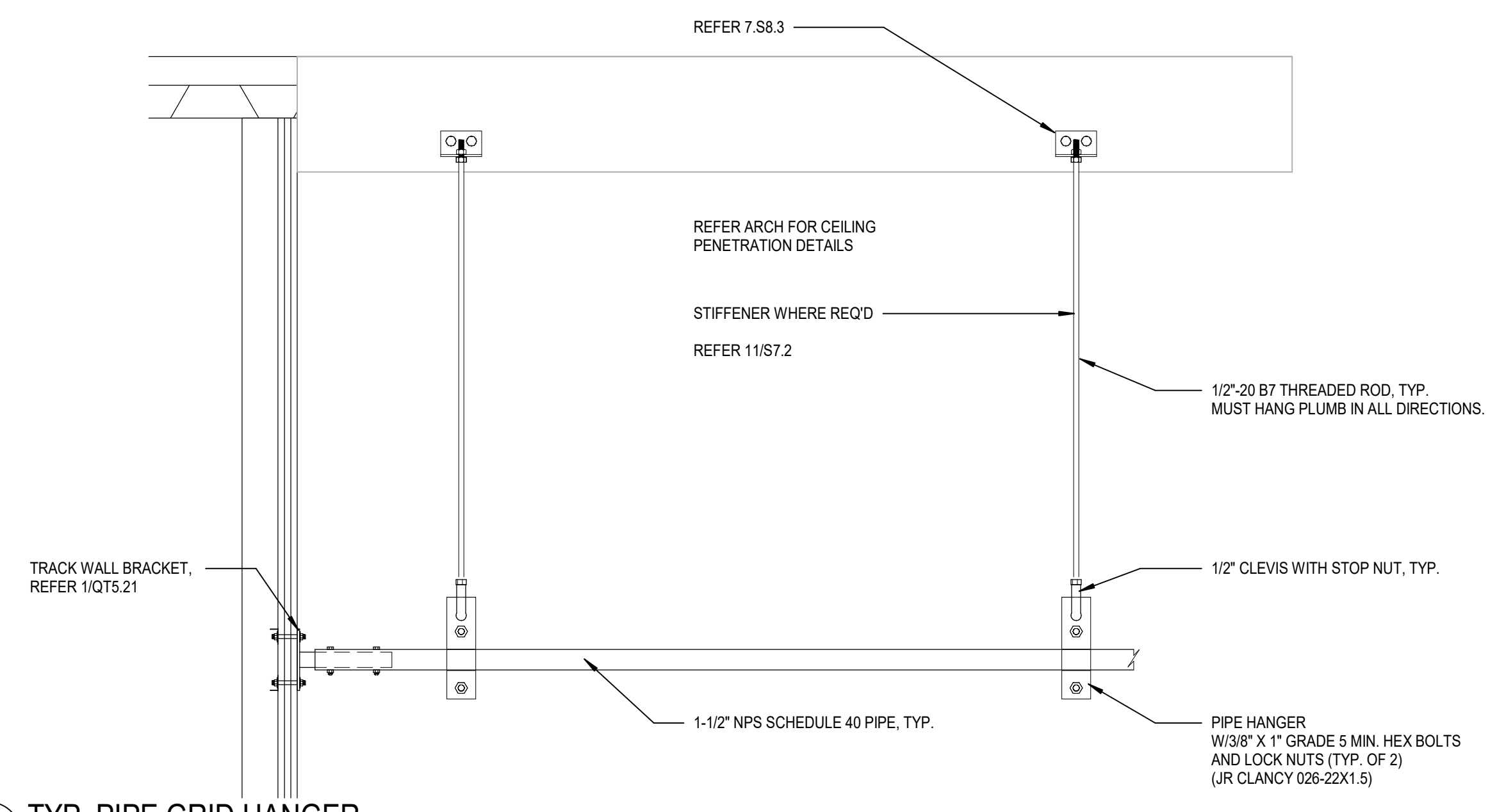
PIPE GRID LOADING		
	DEAD LOAD	LIVE LOAD
TYPICAL PIPE GRID	7 PLF	35 PLF GRAVITY

NOTES:

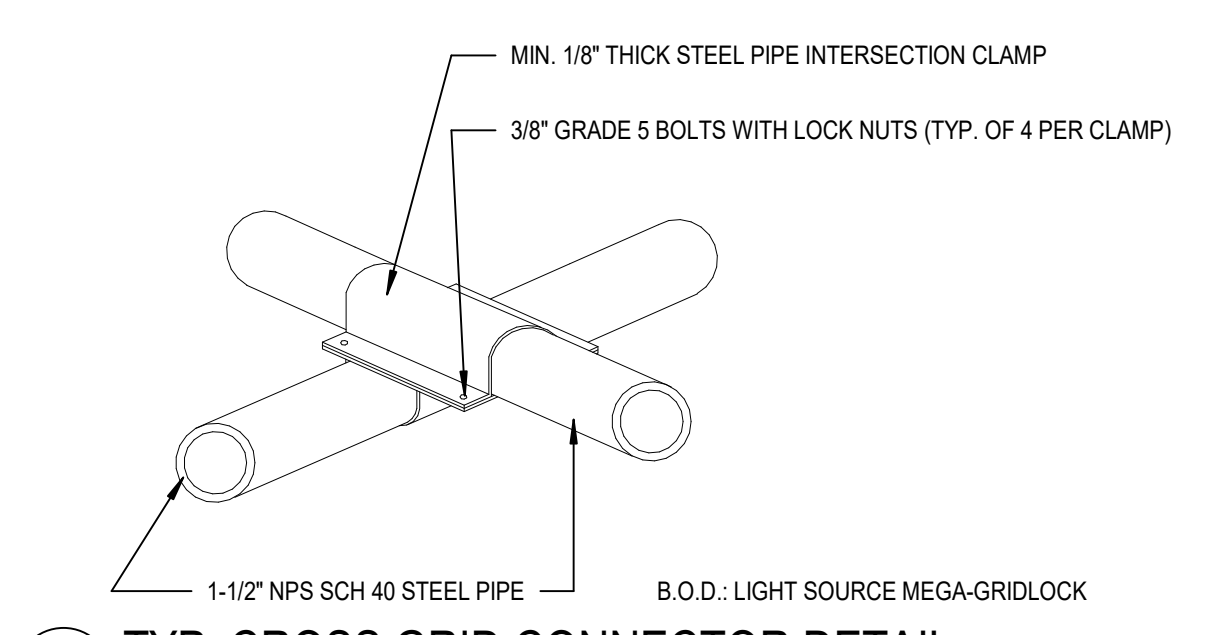
- PIPE GRID SHALL HANG FROM BUILDING STRUCTURE IN LOCATIONS SHOWN ON DRAWINGS AND AS DETAILED ON QT5.31.
- PIPE GRID HANGERS SHALL HAVE A MINIMUM WORKING LOAD LIMIT OF 600# OR THE TRIBUTARY LOAD, WHICHEVER IS GREATER.



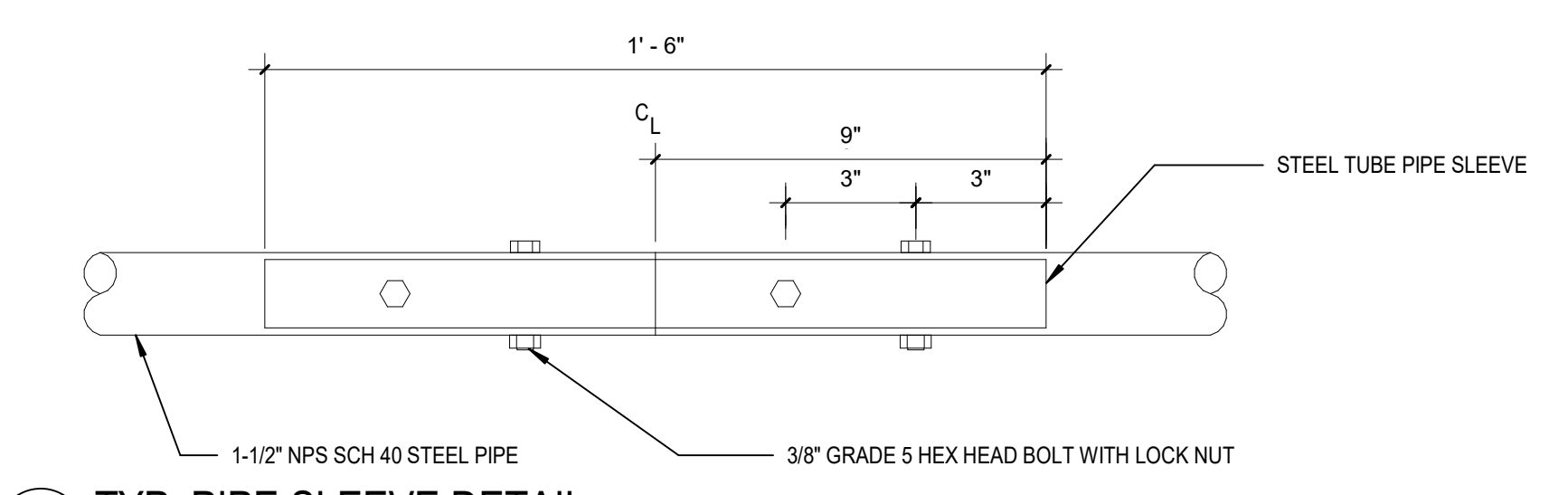
12 TYP. PIPE MOUNTING TRAPEZE
 SCALE: 1 1/2" = 1'-0"



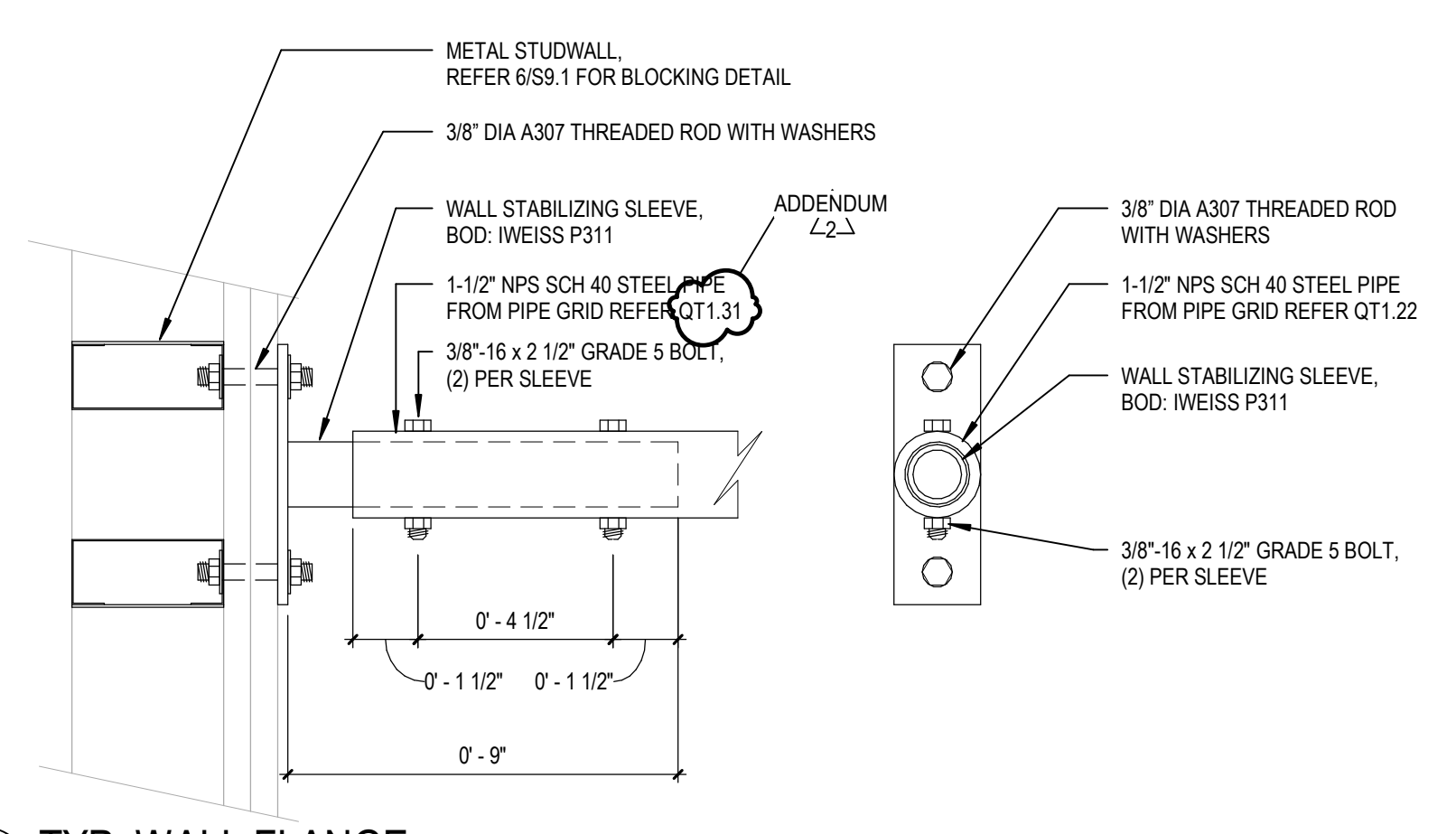
11 TYP. PIPE GRID HANGER
 SCALE: 1" = 1'-0"



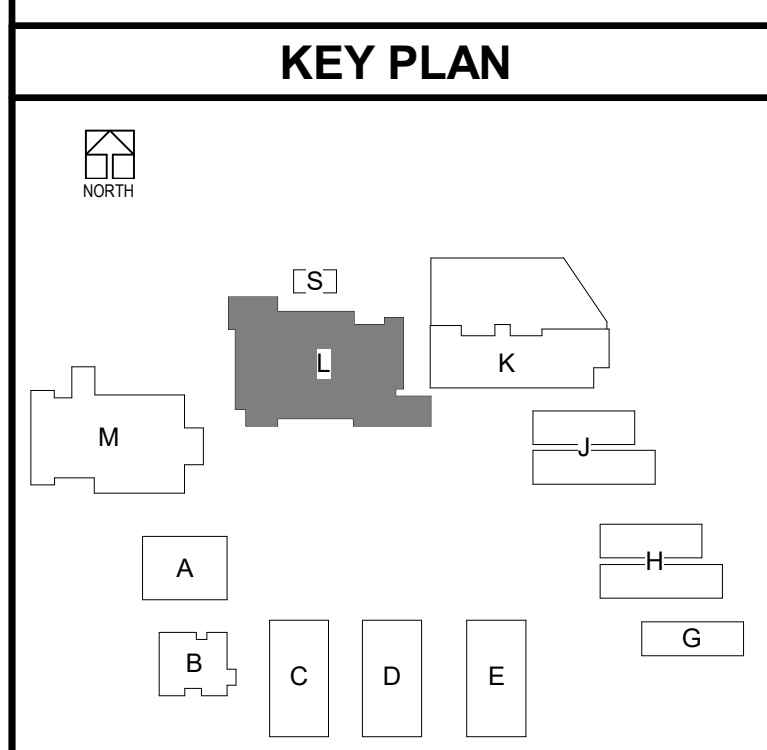
3 TYP. CROSS GRID CONNECTOR DETAIL
 SCALE: 1 1/2" = 1'-0"



2 TYP. PIPE SLEEVE DETAIL
 SCALE: 3\" = 1'-0"



1 TYP. WALL FLANGE
 SCALE: 3\" = 1'-0"



ADDEND 11/11/2022 UNIT
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SOUTH EL MONTE HIGH SCHOOL

El Monte, CA

EXPERIENTIAL GRAPHICS

PRICING SET

July 21, 2022

SECTION 1

GENERAL SPECIFICATIONS

NOTES

Bidders Qualifications

Interested parties **must provide** the following information for evaluation. Submittal must be limited to a single PDF file. Bidders must demonstrate that their company has the experience to build and install signage, environmental graphics and displays similar to the project being bid. Respondent proposals will be used for scoring during the evaluation and selection process.

Failure to provide the requested qualifications will be grounds for disqualification if determined by the selection committee.

01 - COMPANY PROFILE

- *Brief history of the company.*
- *List of market sectors.*
- *List of notable clients.*
- *Describe production facilities and special equipment available.*
- *List of services that can be provided in-house.*
- *List services that would be subbed out to a 3rd party vendor.*
- *Describe respondents bond capability.*
- *Describe any open litigation that the respondent may have.*

02 - TEAM

- *List of key members of the project team; role, years of experience, years with current company.*
- *Resumes for key team members; specifically for the Project Manager Field Supervisor and Production Manager.*
- *Demonstrate that the company/staff is actively involved with SEGD (Society of Experiential Graphic Design).*

03 - EXPERIENCE

- *List of relevant projects; name, location, client.*
- *Minimum of 5 project examples that are comparable to the job being bid; type, scale, scope, materials, date completed and budget. Images must be included.*

04 - REFERENCES

- *Minimum of 3 references from clients, architects or engineers; project name, scope of work, client name, contact person, phone number and email address.*

05 - CAPACITY

- *Demonstrate that the fabricator has the capacity and capability to undertake this project. Provide a list of current active projects and projects.*

06 - PROJECT FEE

- *Outline the proposed fee for the project.*

07 - PROJECT SCHEDULE

- *Outline the proposed schedule for the project. Indicate key milestone dates and critical meetings.*

08 - APPENDIX (OPTIONAL)

- *Additional information that may highlight ability to complete the project in a successful manner.*

Fabrication and Installation

Fabricator is responsible for the complete fabrication and installation of sign types described in this document, in conjunction with quantities and other details indicated in this or other documentation. Fabricator is responsible for all materials, equipment, labor, shipping, cranes, hoisting equipment, scaffolding, and clean-up of site. Vendor is responsible for completion of all sub-contracted services.

All on-site work will be coordinated through Client (Owner), General Contractor, or Architect and must be approved before delivery of signage, materials or installation equipment.

Fabricator to review structural, architectural, and M.E.P. drawings or site conditions to verify sizes and locations of signage related elements that are to be provided by the General Contractor. Any discrepancies and/or conflicts shall be reported to the Owner's representative in writing before proceeding with fabrication or ordering materials.

Fabricator shall submit fully-detailed working (shop) drawings of all signs and graphics contained in this package. Drawings shall be reviewed and have signed approval prior to fabrication or ordering of materials.

All signs are to be fabricated from materials specified unless otherwise approved in writing by Client and Experiential Graphic Designer. No exceptions.

Fabricator is responsible for determining proper mounting, fastening and anchoring methods for all signs unless otherwise specified. Sign Fabricator to coordinate need and location of blocking with General Contractor or other affected trades. Blocking to be coordinated between sign fabricator and Design Build Contractor and will be provided by cold form metal framing subcontractor.

Power will be available within a j-box within 5 feet of applicable sign locations. Fabricator responsible for providing electrical connection to all illuminated and powered signs per local codes. Exposed hardware (i.e. conduit, j-boxes, etc.) will not be accepted.

Drawings contained in this package are for aesthetic and functional design intent, only. No instructions for structural appropriateness have been made. It is the responsibility of the fabricator to provide engineered, stamped shop drawings for those elements noted and to ensure that all elements are fabricated for a stable and durable installation while adhering to the aesthetic details indicated.

Fabricator is responsible for determining proper mounting methods for all signs unless otherwise specified. Determination to account for surface material sign is being mounted to.

Fabricator to coordinate installation of site signage and associated footings with General Contractor's installation of surrounding hard-scape.

All fasteners are to be concealed unless noted otherwise.

All text shown in this document is for reference only, unless noted otherwise. Reference Message Schedule for exact text on each sign.

For sign types requiring concrete footings, fabricator is responsible for reviewing all drawings and pertinent information for each sign location in order to understand the conditions in which they will be placed. This information is to be utilized as appropriate for preparing engineered shop drawings. Sign fabricator to engineer all sign fastenings and supports.

Installation of specific signs may vary within each group to accommodate construction schedules of other project items. All installation tasks will be coordinated with Owner before delivery, staging or installation labor begins. Fabricator may be provided a small staging area for sign installation. No long-term storage of sign components and/or installation equipment will be allowed on the project site.

Permits and Regulations

Fabricator will procure all permits, licenses and governmental approval necessary for the execution of the project. Fabricator will comply with all laws, ordinances, rules, order and regulations relating to the performance of the work, the protection of the adjacent property, and the maintenance of passageways, guard fences or other protective facilities. Fabricator will follow without delay all instructions and orders given by Owner with consultation from DLR Group, in the performance of the work.

Guarantee

All work will be guaranteed against defects in materials and workmanship for a minimum of 1 year from date of substantial completion.

The guarantee will include structural performance, materials, adhesives and fasteners of all items, supplied and installed, and that finishes will not peel, fade, craze, deteriorate or release during the guarantee period.

Other guarantees or warranties provided by equipment, hardware, material or subcontracted services will be provided to the Owner.

During either construction or product (LED's, drivers) warranty period, Owner notifies installing sign vendor who will investigate, assess and remediate issue on behalf of Owner, to Owner's satisfaction.

Taxes

Fabricator is responsible for any required employment related taxes. Owner will be charged for all required sales taxes and they have been included by the respective contractors in their bids.

SOUTH EL MONTE HIGH SCHOOL

El Monte, C

75-20225-00

July 21, 2022

PRICING SET

PART I – GENERAL

1.1 - SUMMARY

This Section includes engineering, fabrication, and installing the following signage and support systems:

- Primary Identification Signs
- Secondary Identification Signs
- Directional / Regulatory Signs

Types of specialty signs are indicated on the Drawings and Graphics and Message Schedule included at the end of this

Section. All drawings in this booklet illustrate general sign configuration, materials, typography, and graphic layout. The rendering and intent of layout and placement drawings are to indicate positioning and relationships. Do not enlarge these layout and placement drawings for artwork. Electronic artwork and templates for each sign type will be supplied by DLR Group.

1.2 - PERFORMANCE REQUIREMENTS

Structural Performance: Provide signs capable of withstanding the effects of gravity, wind, snow, and seismic loads and stresses, determined according to the local building codes and authorities having jurisdiction. Deflection of signs and supports in vertical and horizontal direction is limited to 1/36 of clear span or 3/4 inch (19 mm), whichever is smaller.

Thermal Movements: Provide post and panel signs that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, over stressing of components, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss. Temperature change (Range): 120 deg F (67 deg C), ambient; 180 deg F (100 deg C), Material surfaces.

Site Review: Vendor is responsible for review of the project site before completion and submission of shop drawings (or as necessary) to determine all final installation conditions and requirements and to verify all dimensions in the Detail Drawings. Owner is responsible for verifying all sign types, sign locations, final message schedule power locations and any special conditions that may apply. Blocking and permit requirements are responsibility of sign vendor.

1.3 - SUBMITTALS

Product Data: Submit manufacturer’s technical data and installation instructions relative to materials, dimensions of individual components, profiles, and finishes for each sign type required.

Shop Drawings: Comprehensive vector art shop drawings, to match Detail Drawings indicated in this booklet, will be submitted for all sign types from Vendor to Owner. Site number provided is to be included on each sign type with full layout of each sign. Submit new drawings for fabrication and erection of signs (reproductions of Architect drawings are not acceptable), supports and mounting which include;

- Plan, elevation, and section views
- Enlarged scaled details of typical sign members and other components
- Sign layouts: provide a scaled layout for every single sign, including; character spacing, line spacing, kerning copy, composition and braille translations. When projects are in California, provide California compliant braille translations (CA Braille)
- Fabrication joints, fasteners, and connection details
- Anchors, grounds, reinforcement, accessories, and installation details
- All large signs or panels required to comply with structural loads and/or subject to damage from high winds or other conditions will require a signed and sealed structural data analysis by a qualified professional engineer.
- Provide "Message Schedule," for each sign required.
- Engineering, fabrication, and construction schedule.
- For signs supported by or anchored to permanent construction, provide mounting detail drawings, full-size mounting templates, and directions for installation of anchor bolts and other appropriate anchors to be installed.
- Submit scaled drawings in 11-inch by 17-inch format
- Follow all Branding and Signage standards
- Submit data simultaneously for overall review and approvals prior to fabrication
- No Exceptions allowed in materials or lighting samples (unless VE substitutes have been approved):
- Submit 3 sets of 6 inch by 6-inch samples of each sign material showing finishes, colors, surface textures and qualities of manufacturer and design of each sign component including graphics. Samples to be kept by Architect as a record to later match against items in the field.

Maintenance Data: Documented signage cleaning and maintenance instructions/ requirements for inclusion in maintenance manuals must be supplied at project closeout.

Schedule: Vendor will provide a detailed work schedule, which includes contract execution, shop drawings, engineering, material procurement, prototype fabrication/approval, finishing, assembly, installation and punch list/review of the project. Schedule will also include key dates of approval by Client and Owner to meet requested timeline for review and re-submission.

Shop drawings for signs to be installed on existing or under construction walls, floors, or other building or site structures will be reviewed by the project engineer for verification of adequate support, strength and attachment methods. Stamped engineered drawings to be included on proposal for required sign types.

1.4 - QUALITY ASSURANCE

Professional Engineer Qualifications: A professional engineer who is legally qualified to practice in jurisdiction where project is located and who is experienced in providing engineering services of the kind indicated. Engineering services are defined as those performed for design and installations of signs, and miscellaneous support that are similar to those indicated for this project in material, design and extent. All structural engineering is the responsibility of the Vendor.

Manufacturer Qualifications: All sign fabrication within this section shall be performed by a manufacturer with a minimum of five (5) years’ experience producing architectural signs, and a minimum of five (5) years experience producing compliant signs as specified in ANSI 117.1 (1986), Minimum Guidelines and Requirements for Accessible Design (MGRAD), Uniform Federal Accessibility Standards (UFAS) and Americans with Disabilities Act Accessibility Guidelines (ADAAG).

Drawings and Specifications: Owner will provide electronic copy of latest Owner’s Facility Guidelines along with approved Owner’s logo lock ups artwork. Drawings and specifications indicate spacing of members, sizes of components, profile, dimensions, translations, materials and design and fabrication requirements for the signs. Requests for deviations from indicated dimensions and profiles will be considered provided that the intended aesthetic effect is not modified, as judged and approved solely by Architect. If modifications are proposed, submit comprehensive explanatory data to Architect for review in accordance with Section 01 60 00.

Uniformity of Manufacturer: For each separate type of sign and graphic image required, obtain signs from a single manufacturer. Manufacturer’s name, trade name, or trademark shall not appear on any visible surface, except for UL and service stickers on return side of exterior electric signs.

Welding Standards: Qualify procedures and personnel according to the following:

- AWS D1.1, "Structural Welding Code-Steel."
- AWS D1.2, "Structural Welding Code-Aluminum."
- AWS D1.3, "Structural Welding Code-Sheet Steel."

Aesthetic Requirements: Provide copy with straight and true edges; tightly spaced characters as indicated; reproduce type style accurately with square corners and even curves; provide uniform letters and symbols; and provide smooth finishes with no visible imperfections.

ADA Accessibility Guidelines: Signage shall comply with the ADA Accessibility Guidelines where applicable. Characters and graphics, including but not limited to, copy height, letter stroke, symbols, materials, and finishes indicated on the Drawings are intended as guidelines for compliance. Implement each applicable ADA Guideline. Should conflicts arise, notify the Architect before proceeding.

Inspections: Owner reserves the right to visit the vendor to inspect the fabrication process.

1.5 - PROJECT CONDITIONS

Field Measurements: Where sizes of signs are determined by dimensions of surfaces on which they are installed, verify dimensions by field measurement before fabrication and indicate measurements on Shop drawings.

Establish Dimensions: Where field measurements cannot be made without delaying the Work, establish sign dimensions and proceed with fabrication without field measurements. Coordinate fabrication with construction progress to avoid delay.

1.6 - COORDINATION AND SCHEDULE

Installation: Coordinate installation with Owner. For signs supported by or anchored to permanent construction, coordinate specific requirements for types and placement of anchorage devices and similar items to be used for attaching signs. For signs supported by or anchored to permanent construction, furnish templates for installation of blocking, anchorage devices, and electrical conduits.

Prepare a schedule indicating engineering, fabrication, delivery, installation, and final inspection of the Work. Submit this schedule to the Architect and Owner for approval and coordination with other work at the Project Site.

Coordinate location of remote transformers with building construction. Ensure that transformers are accessible after completion of Work.

1.7 - DELIVERIES, STORAGE AND HANDLING

Package Material in like groups and label accordingly.

Protect items during transit, delivery, handling, and storage to prevent damage, soiling, and deterioration. Minor damage to finishes may be repaired provided the final finishes are equal to the original finishes and are acceptable to Owner. If not acceptable, remove and replace damaged items with new signs.

Coordinate delivery and storage of sign materials with Owner. Schedule delivery to minimize storage requirements. Materials stored at the Project Site without prior approval of Owner, may have to be relocated at the sign contractor’s expense.

1.8 - MAINTENANCE

Furnish Owner with a list of cleaning materials appropriate for maintenance of signs. Provide written instructions for proper maintenance, electrical access, and character and lighting replacement procedures. Include recommended methods for removal of residual adhesives from wall surfaces after removal of adhered signs.

1.9 - PROTOTYPES/SAMPLES

Provide prototype signs, or section of, for the styles indicated in the schedule below. If accepted, Owner will forward signs to the project site for installation.

Submit to the Owner and designer the following samples and prototypes:

PROTOTYPES/SAMPLES			
TYPE	DESCRIPTION	SIZE	QTY
Paint	1/16" thick aluminum w/ paint finish	6"× 6"	2 per spec
Vinyl	Digitally printed vinyl	10"x10"	2 per location

SOUTH EL MONTE HIGH SCHOOL

El Monte, C

75-20225-00

July 21, 2022

PRICING SET

PART II – PRODUCTS

2.1 - MATERIALS, GENERAL

Use materials of size and thickness indicated or, if not indicated as required to produce strength and durability in finished product for use intended. Work to dimensions shown or accepted on shop drawings, using proven details of fabrication and supports. Use type of materials shown or specified for various components of work.

All materials shall be new stock, free from defects impairing strength, durability, and appearance. No fabrication or installation materials or procedures shall be used that will in any way change the quality or in any manner have an adverse effect on existing materials and surfaces. All materials will be of sufficient strength as to prevent warping, oil-canning or other undesirable deflection.

Graphic Content and Style: Provide sign copy that complies with requirements indicated in the Graphics and Message Schedule, Drawings, and on artwork supplied on electronic media by Owner for size, style, spacing, content, mounting height and location, material, finishes, and colors of signage.

Requests for substitutions will only be considered in accordance with the following conditions: Refer to CSI – Section 01 60 00 for requirements. All requests must be in writing and submitted to Architect prior to bids, substitution requests must include complete product documentation, MSDS, product specification, samples of proposed product and include costs of substitution for related work. Samples will not be returned.

2.2 - METALS

For the fabrication of exposed metal work, use only materials which are smooth and free of surface blemishes including pitting, roughness, seam marks, roller marks, and trade names. Do not use materials which have stains or discolorations. Provide stretcher leveled standard of flatness. Aluminum Sheet and Plate: ASTM B 209 (ASTM B 209M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with at least the strength and durability properties of alloy 5005-H15. Thickness: Provide aluminum sheets and plates in sizes specified or indicated on the Drawings.

Aluminum extrusions: ASTM B 221 (ASTM B 21M), alloy and temper recommended by aluminum producer and finish for type of use and finish indicated, and with at least the strength and durability properties of alloy 6063-T5.

2.3 - TYPOGRAPHIC REQUIREMENTS

General: Type style shall be as indicated on the Drawings. Typeface and numerals shall be computer digitized by one manufacturer and used for each applicable sign types. Characters indicated on the Drawings are intended as guidelines for layouts and font size only, and are based on scale calculations of the message lengths within given and estimated sign areas. Drawings and schedules indicate the copy required on individual signs. Should conflicts arise in the final message layout, notify Owner before proceeding. Spelling and punctuation shall be correct. Should an error in spelling or punctuation be found, or the spelling appears questionable, notify Owner before proceeding. Align letterforms to maintain a baseline parallel to the sign format, unless otherwise indicated. Maintain uniform margins in sign layouts.

Suite Identification Signs: Owner will determine names of each individual suite onto the Message Schedule.

Silkscreens shall be executed from photoscreens or negatives. Pattern cut screens maybe used where non-repeat copy is required; however, copy mask shall be equivalent to photoscreen quality. Do not use images indicated on the Drawings as camera-ready art. All Ink must be Nazdar or equal (VE substitutes may be acceptable upon request/approval).

2.4 – PLASTIC

Plastics, acrylics and polycarbonates will be free of imperfections from forming or fabrication. All surfaces will be free from scratches and will be cleaned and polished per manufacturer's instructions at completion of installation. Edges will be laser cut or routed and free of saw marks and chips, and be eased, unless otherwise noted.

Push-Thru Letter faces:

- 1/4" thick Acrylite Sign Grade WRT30 White acrylic (Evonik Ind.) (Available in 75" x 125" max sheet size)

Vinyl Stencil sign faces and Illuminated Letter faces:

- .177" thick WT030 White acrylic (Evonik Ind.) (Available in 75" x 125" max sheet size)

2.5 - GRAPHIC FILM

General: Provide vinyl graphic film suitable for interior and exterior applications of types indicated below.

Vinyl Thickness: 2 mil (0.05 mm), minimum.

Adhesive: Clear, pressure sensitive, permanent adhesive. Acceptable Vinyl Films: No Exceptions or substitutions:

- 3M Custom Envision Translucent Film
- 3M Custom Scotchcal Translucent Film
- 3M Scotchcal Translucent

30 day outgas on painted surfaces required, paint used on surface by others must first be approved by 3M representative.

Heat Applied Vinyl:

- Wall surface must be washed with water (if concrete or brick)
- Wall surface must be primed if concrete is new. Zinsser All-Prime Clear (water base problem surface sealer) to be used over the top of all painted walls for optimal vinyl adhesion
- 3M 8520 Matte Overlam (never gloss finish)
- Paint/Primer MUST outgas for a minimum of 30 days
- Preferred temperature of surface is 50 degrees or higher
- A pull test must be performed and passed after all of these conditions have been met (must use a 3M approved kit)
- Installation must be by 3M approved installer

2.6 - HARDWARE, FASTENERS, AND ADHESIVES

Furnish and install all mounting and anchoring hardware and devices as required to completely install all work.

Mounting hardware must be approved by Owner. Unless otherwise indicated, use concealed fasteners fabricated from metals that are non-corrosive to either the sign material or the mounting surface. If concealed fasteners are not practical or possible, provide vandal-resistant fasteners. All such visible hardware will match both color and finish to which it is attached, or as specified in Design Specifications.

Awarded sign company to provide engineered seismic fasteners and hardware when required.

Fabricate brackets and fittings for bracket-mounted signs from materials compatible with panel sign construction and mounting conditions indicated. Factory-paint brackets in color matching background color of panel sign, unless otherwise indicated on the sign type detail.

Steel Tubing: Cold-formed steel tubing complying with ASTM A500, Grade B. Structural Steel Shapes, Plates, and bars: Cold formed steel fabrications complying with ASTM A36. Aluminum Structural Tubing: Alloy 6061 for all aluminum structural tubing must be used.

anchors and Inserts: Use non-ferrous metal or hot-dipped galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work. For attachment to metal panels, use #12 stainless steel, Type 410, self-tapping screws with integral neoprene washers.

Adhesives: Provide products equal to "Depend 330" as manufactured by Loctite Acrylic Adhesives. 216/881-2828.

Signage manufacturer shall verify with painting manufacturer capability of the adhesive to the paint.

Very High Bond (VHB) Foam Double Face Tape: Provide vinyl double-sided foam tape of thickness required, and manufactured by 3M, or approved equal.

Silicone Adhesive: Provide liquid silicone adhesive (sealant) with a methanol or acetic cure as recommended by the sign fabricator.

Rubber Spacers: Provide Manufacturer's standard spacers when necessary.

2.7 - FABRICATION, GENERAL

Fabricate signs to comply with requirements indicated on designs, shapes, sizes, and details of construction.

Form exposed faces and sides of signs to produce surfaces free from warp and distortion and free of "oil canning."

Include internal bracing for stability and attachment of mounting accessories as required. Cut metal edges on a continuous line and sand smooth. Seams will be straight and symmetrical. Form exposed connections with hairline and level with sharp angles, surfaces, and edges. Ease exposed edges to a radius of approximately 1/32 inch unless otherwise indicated. Form bent-metal corners to smallest radius possible without causing grain separation or cracking.

Welding, when necessary, will be of the approximate type to minimize permanent distortions of flat surfaces. Remove welding flux, oxides and discolorations by pickling or grinding, so that these areas match the finish of the adjacent areas. Repair damage caused by the fabrication by grinding, polishing or buffing. Weld corners and seams continuously complying with AWS recommendations. At connections, grind exposed welds smooth and flush to match and blend with adjoining surfaces. Cut, reinforce, drill, and tap miscellaneous metal work as indicated to receive finish hardware and similar items. Produce smooth, even, level sign panel surfaces, constructed to remain flat under installed conditions within a tolerance of plus or minus one percent measured diagonally from corner to corner.

Fabricate brackets and fittings for signs to suit sign panel construction and mounting conditions indicate. Connections, angles, shapes and details shown are suggestive and are to be sized, reinforced and detailed as required. Details not shown are to be equal in quality to those detailed. Factory paint brackets in color matching background color of sign panel.

Provide concealed access to internally illuminated signs for Re-lamping and service. Service access will be waterproof and secured against vandalism. Conceal union, fabricator, or other labels.

For sign panel units in exterior applications provide standard Weatherproofing construction, including weather-stripping, weeping, and venting provisions for condensation control. Metal signs facing and cladding will be aluminum unless otherwise indicated or specified.

Where galvanized steel and aluminum meet, the materials will be materially isolated from one another to prevent electrolytic action. Aluminum joints and connections will be heliarc welded and flush, true, ground, and polished smooth and without defects.

Character forms will be cut true to typeface with no burns or imperfections of any kind.

Provide completely hidden, internal structures for support and anchorage, unless indicated otherwise on the drawings. Primary support structure will be hot dipped galvanized steel or aluminum.

Electrical: Vendor is responsible for all LED Modules and other electrical components and associated wiring of individual signs. Vendor will provide minimum amount of points necessary for electrical connection. Electrical wiring and conduit from building to sign location is the responsibility of Owner. Final electrical hook-up is the responsibility of Owner. Illuminated signs will include photocells, timers, rheostats, transformers and other devices necessary for proper operation. Vendor is responsible for providing all requested electrical information regarding signs to Owner.

Changes and Alterations: All modifications or changes from Design Specifications will be called to the attention of Owner and explained. Changes from the Design Specifications Document, not specifically prior approved, will be corrected by Vendor at no additional expense to Owner. Any modifications requested by Owner that result in an increase in fabrication or installation cost is the responsibility of Owner, if approved prior to execution of work. All modifications requested that result in a decrease in cost will be credited to Owner. All changes that result in a change in the cost of fabrication and/or installation of the project will be submitted to Owner for approval prior to execution of work.

SOUTH EL MONTE HIGH SCHOOL

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PRICING SET

PART II – PRODUCTS CONTINUED

2.8 - PANEL SIGNS

Exterior Plaque sign: Provide products fabricated from 0.125-inch aluminum plate with 0.030 inch thick double face tape mounting and silicone adhesive. Sign copy shall be raised 1/32 inch from plaque first surface by manufacturer's standard thermoform monolith sign process. Provide opaque graphics to comply with regulations.

- *Finish: Manufacturer's custom color MAP.*
- *Graphics: As indicated on the Drawings using 3M vinyl films.*

Interior Plaque Signs: All ADA and tactile products must be fabricated using compression molding technology (Tactile Thermoforming or Photopolymer). Signs must be made from specified acrylic, or solid surface materials. Sign copy shall be integral to sign face and raised a minimum of 1/32" from plaque first surface by specified manufacturer's standard thermoform monolith sign process (or equal). Copy color must be integral (or tipped) see drawing for what is specified. Integral copy color will ensure color of character returns will match character surface thereby maximizing durability and longevity. Braille color to match background color. Graphics and braille must comply with building code and ADA regulations.

- *Finish: Manufacturer's custom color with matte finish.*
- *Surface textures: See drawing for surface texture specification Smooth, Slate, Stipple, Ultra, Wood, Leather are available*
- *Graphics: as indicated on the Drawings.*

Notice: Applied appliqué, bead braille or 3M embossed are not acceptable substitutions and will be rejected at submittal or prototype phase. Sign vendor to supply samples to designer for approval prior to fabrication and installation.

2.9 - FABRICATED LETTERS AND NUMBERS

Channel Characters: Fabricate letters and numbers to the required sizes and styles, using metals and thickness indicated in the drawings. Form exposed faces and sides of characters to produce surfaces free from warp and distortion. Include internal bracing for stability if needed and attachment of mounting accessories as required. Fabricate by the heliarc welding process.

- *Materials, finished and colors as specified in the drawings*
- *Height and width dimensions as determined by specific location requirements and city codes. Reverse Channel Characters: Fabricate letters and numbers to be the required sizes and styles, using metals and thickness indicated below. Form exposed faces and sides of characters to produce surfaces free from warp and distortion. Include internal bracing for stability and attachment of mounting accessories as required. Fabricate by the heliarc welding process.*
- *Materials, finished and colors as specified in the drawings*
- *Height and width dimensions as determined by specific location requirements and city codes.*

2.10 - ILLUMINATION

Exterior signs must illuminate the entire face evenly. There must be no obvious dark areas or hot spots. LEDs or lamps specified to be mounted at a distance less than the specified depth or return of a fabricated cabinet, Vendor will include an intermediate level to support light source and maintain desired sign depth.

All Illuminated Signage: Provide LED illuminated sign systems for exterior applications as indicated on the drawings. Include LED's, transformers, and other components necessary for complete systems. Entire face of signs must be illuminated evenly. There must be no obvious dark areas or hot spots. Make provisions for servicing and concealing connections to building electrical system. Coordinate electrical characters with those of power supply provided. Loading shall be verified by following the testing procedures recommended by the LED-systems manufacturer.

- *Sloan**
- *Bitro **

Natural spacing for these modules is 2.5 modules per foot Cabinet and Pylon Signs: Natural module to module spacing (2.5 per ft.). Row to row spacing of 3.5" to 4" on center. Channel Letters: Module to module spacing of 3 mods per ft. Row to row spacing of 4" on center. Refer to the Sloan LED layout dept. and these guidelines will be followed for all Owner layouts. Power Supply Options:

- *Advance 12V, 60W, 120Vac (200-S3I-PS1260)**
- *Advance 12V, 60W, 120-277Vac (200-S3I-PS1260V)**
- *Sloan MODW 60W, 100-240V (#701507-MODW)**
- *Sloan MOD277 60W, 277-347V (#701507-MOD277)**

**Requests for substitutions will only be considered in accordance with the following conditions: Refer to CSI – Section 01 60 00 for requirements. All requests must be in writing and submitted to Architect prior to bids, substitution requests must include complete product documentation, MSDS, product specification, samples of proposed product and include costs of substitution for related work. Samples will not be returned. All electrical fixtures must be UL approved.*

2.11 – FINISHES, GENERAL

All edges of materials are to be finished to match sign face or as specified by the Design Specifications. No unfinished or rough edges are permitted. All surface laminates, paint or other surface finishes will be applied to exposed edges of material.

All paint, ink, sheet vinyl, digital or photographic prints are to be applied evenly, without pinhole, scratches, orange peeling, uneven edges, application marks, rough edges, etc. All paint finished are to be Matthews Acrylic Polyurethane (MAP), unless otherwise specified. Prime coats or other surface pretreatments, where recommended by the manufacturers will be included in the work as part of the finishes surface work.

Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations damage by applying strippable, temporary protective covering before shipping.

Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of range of approved Samples. Noticeable variations in same piece are not acceptable. Variations in appearance of other components are acceptable if they are within range of approved Samples and are assembled or installed to minimize contrast.

Preparation: Substrates shall be smooth, clean and free of dust, grease, fingerprints, or other foreign matter. If necessary to obtain true color application, surface shall be "primed" with white before final color application is applied.

Artwork shall be accurately reproduced with all edges straight and true and all finishes smooth with no visible imperfections. Surface preparation: Follow paint manufacturer's instructions for preparing surfaces before applying primers or graphics.

Corrosion Protection: Coat concealed surfaces, which will be in contact with concrete, stone, masonry, wood, or dissimilar metals, in exterior work and work to be built into exterior and below grade walls and decks, with a heavy coat of bituminous paint. Do not extend coating onto exposed surfaces.

Colors and Surface Textures: For exposed sign material that requires selection of materials with integral or applied colors, surface textures or other characteristics related appearance, provide custom color matches as selected by the Architect.

- *Aluminum: MAP paint as specified in this section.*

2.12 - ALUMINUM FINISHES

Aluminum: Finish designations prefixed by AA conform to the system established by the Aluminum Association for AA-M32C22A41 (Mechanical Finish: medium satin; Chemical Finish: etched, medium matte, Anodic Coating: Architectural Class 1, clear coating 0.018 mm or thicker) complying with AAMA 611.

2.13 - PAINT MATERIALS

All paint materials are to be applied per paint manufacturer's recommendations including surface preparation, priming, number of coats required, sanding in-between coats, and top coat finish.

Primer: High build, two-part polyamide epoxy.

Opaque Finish Coat: Satin finish, two-part satin finish acrylic polyurethane paint. Provide products equal to Matthews Paint Company's "low VOC Satin MAP – Acrylic Polyurethane," custom colors with gloss between 11 and 19 units @ 60 degrees.

Silkscreen: Use Nazdar fast drying opaque enamel silkscreen ink.

Colors and Sheen: High gloss, satin or matte color not limited to manufacturer's standard colors.

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PRICING SET

GENERAL SPECIFICATIONS
PART II: PRODUCTS

PART III – EXECUTION

3.1 - PREPARATION

General: Examine area, surfaces and conditions under which the work is to be installed. Notify the Engineer in writing of conditions detrimental to the proper and timely completion of the work. Starting work implies acceptable surfaces and conditions.

3.2 - INSTALLATION

Installation will be done by Vendor or under the supervision by authorized agents of Vendor. Any questions or discrepancies will be resolved by Owner. A pre-installation meeting will be scheduled by Vendor between Owner and Vendor to review and finalize all details involving the installation of this project. Vendor will coordinate delivery and installation schedule with Owner.

Vendor will clean, remove protective coatings, or polish as required by manufacturer's or Owner's instructions. Remove all crating, debris and previous signs from project site.

General: Locate sign units and accessories where shown on Sign Schedule and/or sign reference plans, attaching signs to substrates in accordance with manufacturer's instructions, unless otherwise indicated. Install signs level, plumb, and at heights indicated, with sign surfaces free from distortion and other defects in appearance.

Surfaces under adhesive applied units shall be smooth, clean, and free of dust, grease, fingerprints, or other foreign matter. All adhesives required shall be used in accordance with recommendations made by manufacturer of the material to be laminated or adhered. No adhesives that will fade, discolor, or delaminate as a result of ultraviolet light or heat shall be used. Adhesives shall not change the color of or deteriorate the materials to which they are to be applied. The adhesives shall be of non-staining, non-yellowing quality. All visible joints shall be free from air bubbles and other defects. Mill joints to a tight, hairline fit. Form joints exposed to the weather to exclude water penetration.

Wall-mounted Panel Signs: Attach panel signs to wall surfaces using methods indicated below.

- *Flush-Mounting:* Mount panel signs with backs in contact with wall surface.
- *Vinyl-Tape Mounting:* Use double-sided foam tape to mount signs to smooth, nonporous surfaces. Do not use this method for vinyl-covered or rough surfaces.
- *Hook-and-Loop Tapes:* Use hook-and-loop tapes to mount signs to smooth, nonporous surfaces.
- *Magnetic Tape:* Use magnetic tape to mount signs to smooth, nonporous surfaces.
- *Silicone-Adhesive Mounting:* Use liquid-silicone adhesive recommended in writing by sign manufacturer to attach signs to irregular, porous, or vinyl-covered surfaces. Use double-sided vinyl tape where recommended in writing by sign manufacturer to hold sign in place until adhesive has fully cured.
- *Shim Plate Mounting:* Provide 1/8 inch (3 mm) Thick, concealed aluminum shim plates with predrilled and countersunk holes, at locations indicated, and where other mounting methods are not practicable. Attach plate with fasteners and anchors suitable for secure attachment to substrate. Attach panel signs to plate using method specified above.
- *Mechanical Fasteners:* Use non-removable mechanical fasteners placed through predrilled holes. Attach signs with fasteners and anchors suitable for secure attachment to substrate as recommended in writing by sign manufacturer.
- *Where panel signs are scheduled or indicated to be mounted on glass, provide matching plate on opposite side of glass to conceal mounting materials.*

Glass Mounted Signs: Pressure sensitive adhesive film as recommended by manufacturer in standard 3M vinyl colors. See Message schedule for quantity of signs requiring Glass Mounted Backers (GMB).

- *Dimensional Characters:* Mount characters using standard fastening methods detailed in the drawings for character form, type of mounting, wall construction, and condition of exposure indicated. Provide heavy paper template to establish character spacing and to locate holes for fasteners.
- *Pin Mounting:* a minimum of three threaded studs (1/8 inch diameter by 1/2 inch long minimum) welded to back or bottom of character with no distortions or discolorations to sign face. Appropriately increase size of studs according to weight of characters.
- *Flush Mounting:* Mount characters with backs in contact with wall surface.
- *Projected Mounting:* Mount characters at projection distance from wall surface indicated. With painted spacers. Bracket-Mounted or Suspended Units: Use custom Fabricated brackets, fittings and hardware as appropriate for mounting signs which project at right angles from supporting elements or suspended from structural members. Attach brackets and fittings with concealed fasteners and anchoring devices, unless otherwise indicated, to comply with the manufacturer's directions.

Illuminated Characters: Run wires into wall construction through conduit. Use insulators as necessary for neon lighting wiring. Exposed-to-view wiring or conduit on wall face is not permitted. Engage a licensed electrician to connect wiring to power source.

Foundations: All footings and foundations are the responsibility of Vendor unless otherwise noted. Foundations are to be engineered to support weight and wind-load of signs and be installed below the local frost line to prevent shifting and heaving. All concrete will be rated sufficiently for the task and include steel reinforcement. Concrete slabs and exposed footings will be finished to match nearby sidewalks, curbs or driveways.

3.3 - FIELD QUALITY CONTROL

Punch List: Within two weeks of scheduled completion of installation, prepare a punch list itemizing the following:

- *Improper alignment of letters on sign panel.*
- *Improper alignment of signs.*
- *Chipped finishes*
- *Unpainted exposed fasteners.*
- *Fabricator's label displayed.*
- *Improper cleaning of sign surfaces or surrounding wall areas.*
- *Damage to surrounding surfaces.*
- *Missing signs.*
- *Incorrect Messages*
- *Repair or replace damaged units as required after owners final inspection.*

Changes and alterations: All modifications or changes from Design Specifications will be called to the attention of Owner and explained. Changes from the Design Specifications document, not specifically approved, will be corrected by Vendor at no additional expense to Owner. Any modifications requested by Owner that result in an increase in fabrication or installation cost is the responsibility of Owner, if approved prior to execution of the work. All modifications requested that result in a decrease in cost will be credited to Owner. All changes that result in a change in the cost of fabrication and/or installation of the project will be submitted to Owner for approval prior to execution of work.

Delivery, Storage and Handling: Package material in like groups and label accordingly. Protect items during transit, delivery handling, and storage to prevent damage, soiling, and deterioration. Minor damages to the finishes may be repaired provided the final finishes are equal to the original finishes. If not acceptable, remove and replace damaged items with new signs. Coordinate delivery and storage of sign materials with Owner. Schedule delivery to minimize storage requirements. Materials stored at the Project Site without prior approval of Owner, may be relocated at Vendor's expense.

Protection and Repair: Vendor must take steps to protect buildings and surrounding areas as necessary to prevent damage during installation. Any work or property damaged will be restored to original condition and Vendor will be charged with the expense.

Vendor is responsible for general clean-up of site area but is not responsible for extensive landscaping or restoration of architectural elements due to damage or sun bleaching by previous signs.

Final Review: After installation, Owner will review project site and create a punch list of items that do not match approved shop drawings to be repaired, replaced or modified. Vendor is responsible for correcting all items on the punch list without additional cost to the Owner, unless item is beyond the original scope of work. A final message schedule with all as-installed information will be provided by Vendor to Owner. At completion of installation, clean exposed sign surfaces in accordance with the manufacturer's instructions. Signs will be free of glue, fingerprints, dirt, grease, or any other imperfections. Evidence of installation work for damages incurred on other surfaces will be cleaned or repaired prior to completion of work. Protect units from damage until acceptance by Owner. Remove all packing and construction materials from site. Leave premises clean, ready for work under other contracts or ready for use.

Maintenance Data: Information regarding the ongoing maintenance and cleaning requirements will be included in maintenance manuals. Furnish Owner with a list of cleaning materials appropriate for maintenance of signs. Provide written instructions for proper maintenance, electrical access, and character and lighting replacement procedures. Include recommended methods for removal of residual adhesives from wall surfaces after removal of adhered signs. Instruct Owner in writing as to the correct operation and maintenance of all signs and sign components.

3.4 - PATCH AND ADJUST

Patch existing surfaces damaged as a result of work under this section. Patch with same materials as existing. Sign vendor shall paint and harmoniously blend and contour all repairs to match adjoining conditions. Touch-up any marks or nicks in painted finishes of all signs and adjacent structures.

Touch-up shall be the same paint product as used for this Sign finish.

Corrosion Protection: Coat concealed surfaces of aluminum that will be in contact with grout, concrete, masonry, wood, or dissimilar metals with heavy coat of bituminous paint.

Galvanized Surfaces: Clean field welds, bolted connections, and abraded areas and repair galvanizing to comply with ASTM A 780.

3.5 - CLEANING AND PROTECTION

At completion of installation, clean exposed sign surfaces in accordance with the manufacturer's instructions. Signs shall be free of glue, fingerprints, dirt, grease or any other imperfections. Evidence of installation work or damages incurred on other surfaces shall be cleaned or repaired prior to completion of work. Protect units from damage until acceptance by Owner.

Remove all packing and construction materials from site. Leave premises clean, ready for work under other contracts or ready for use.

Instruct Owner in writing as to the correct operation and maintenance of all signs and sign components.

Document on construction drawings, provided to Owner, the operation directions of all access panels, and replacement of lamps, ballasts, and transformers as applicable.

3.6 - SCHEDULE OF PROTOTYPES

Prototypes - full size or otherwise specified of required sign types to be provided for owner approval. ALL paint/vinyl/color samples to be submitted to owner and client for review and approval. Progress photos submitted to designer during fabrication on a weekly basis or otherwise requested.

Prototypes of similar construction are required to ensure that all fabrication specifications and materials are followed per the guideline shop drawings and 10-1400 specifications.

Prototypes of similar construction will be due 2-3 weeks from acceptance of preliminary Shop Drawings and may be used for the final scope of work if approved.

3.7 - MONUMENT SIGN

Please refer to the architectural spec for the specifications that covers concrete, brick, metal flashing and composite metal panels. The materials used on the monument sign will be similar to what is being used on the building.

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PRICING SET

GENERAL SPECIFICATIONS PART III: EXECUTION







SECTION 2

GRAPHIC/BRAND STANDARDS

PROJECT LOGOS



COLORS

	P1	SEMHS Yellow PMS 109 C (matte)
	P2	SEMHS Navy PMS 289 C (matte)
	P3	Dark Turquoise PMS 7475 C (matte)
	P4	Light Turquoise PMS 80% 7471 C (matte)
	P5	White (matte)
	P6	Black (matte)

TYPEFACES

Aa Bb Cc Dd Ee Ff Gg Hh Ii Jj Kk Ll Mm
Nn Oo Pp Qq Rr Ss Tt Uu Vv Ww Xx Yy Zz
0 1 2 3 4 5 6 7 8 9

(Neue Haas Grotesk Display Pro 65 Medium)

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PRICING SET

.....
All artwork is for design intent only. Artwork shall not be used for production. All dimensions and locations are to be field verified.
.....

GRAPHIC/BRAND STANDARDS

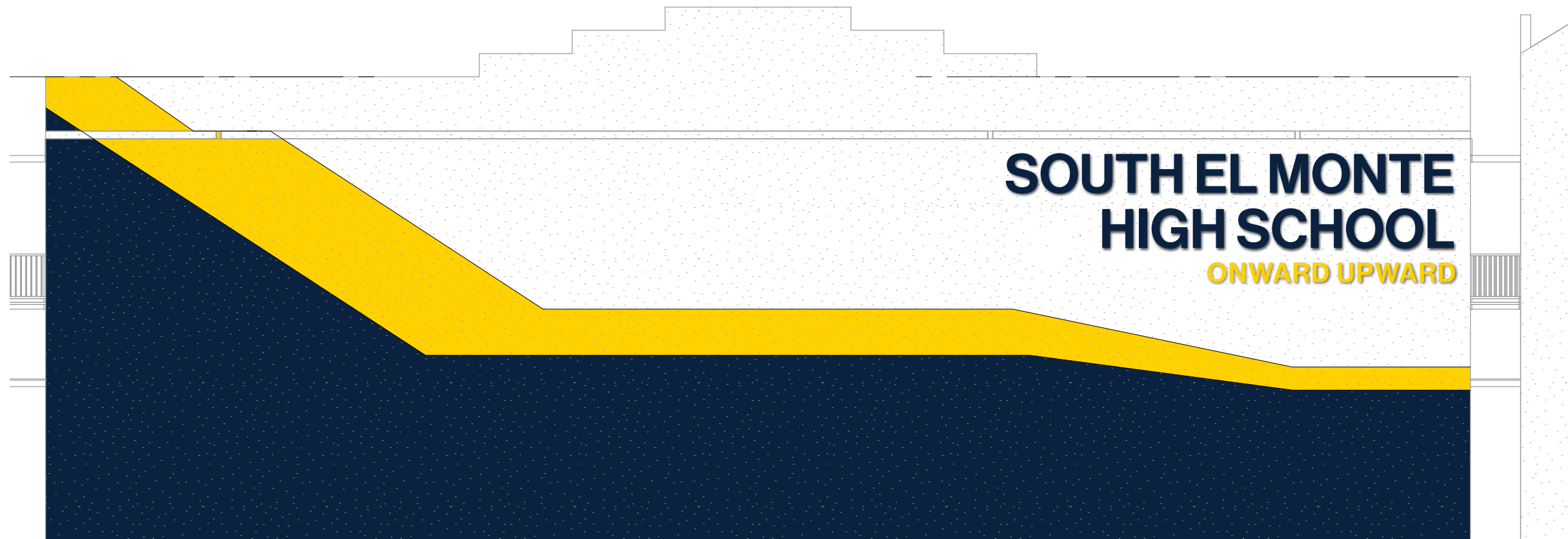
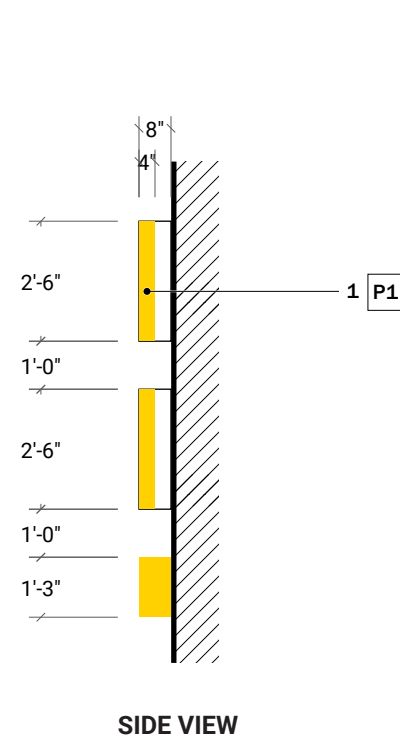
SECTION 3

DESIGN DRAWINGS

SOUTH EL MONTE HIGH SCHOOL

ONWARD UPWARD

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



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

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DRAWING NOTES

- 1** 8" thick fabricated translucent acrylic letters with masked and painted returns. Letter returns have 4" unpainted portion to provide illuminated returns from premium white LEDGs. Logo is flush mounted to wall with hardwares and screws from the back (minimum 5 pins required per letter). No visible screws or hardwares allowed. All power connections to be concealed behind logo.
- 2** 8" thick fabricated and powder coated aluminum letters. Logo is flush mounted to wall with hardwares and screws from the back (minimum 5 pins required per letter). No visible screws or hardwares allowed.
- A** Sign Mfr. to field verify mounting locations and adjust mounting per location as needed to accommodate variations in conditions.

SAMPLES

Submit two (2) painted samples for each color for review and approval

All artwork is for design intent only. Artwork shall not be used for production. All dimensions and locations are to be field verified.

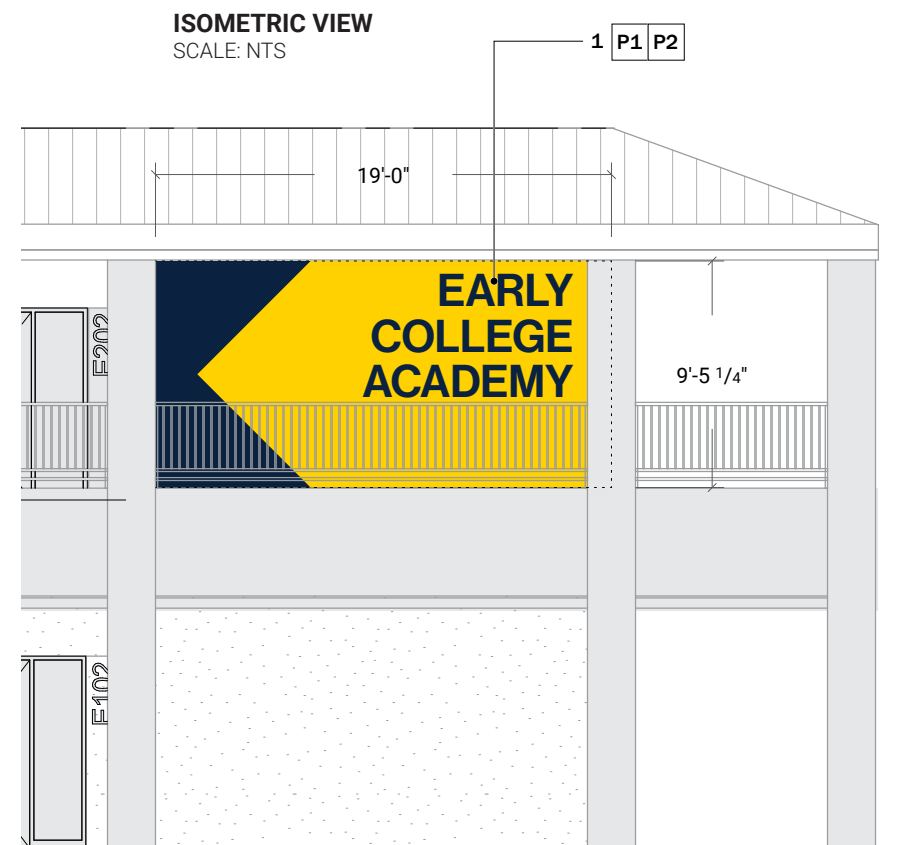
BUILDING FACADE ID

DRAWING NOTES

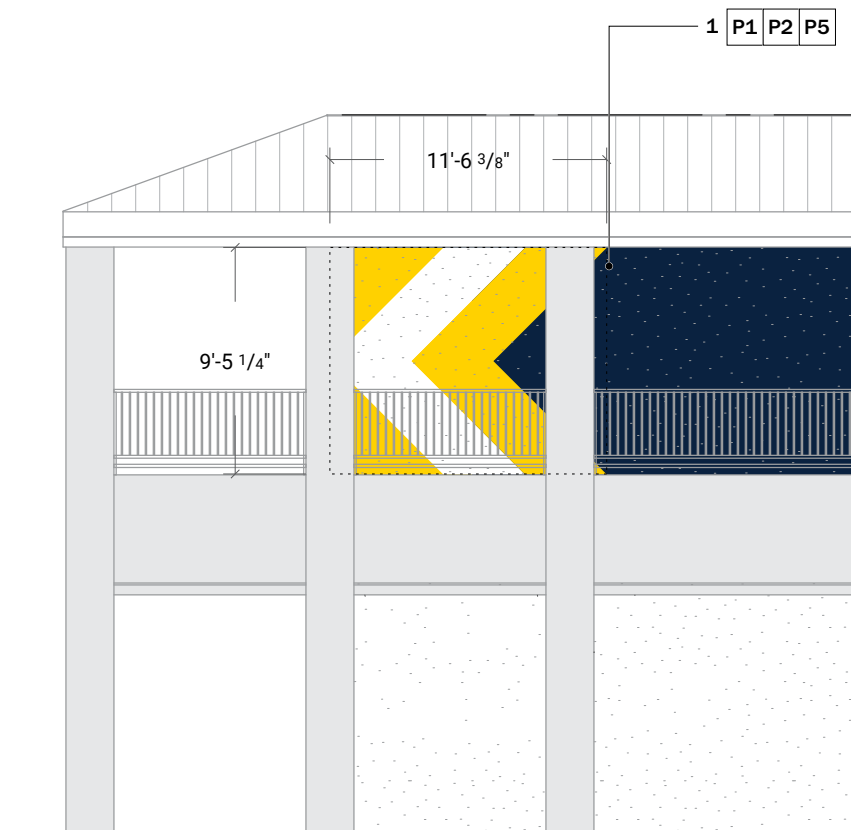
- 1 Masked and painted graphic. Paint to be free of air bubbles, creases and drips. Project designer will supply final artwork files for printing prior to shop drawings.
- A Sign Mfr. to field verify mounting locations and adjust mounting per location as needed to accommodate variations in conditions.



FRONT VIEW
SCALE: NTS



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



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

All artwork is for design intent only. Artwork shall not be used for production. All dimensions and locations are to be field verified.

SOUTH EL MONTE HIGH SCHOOL
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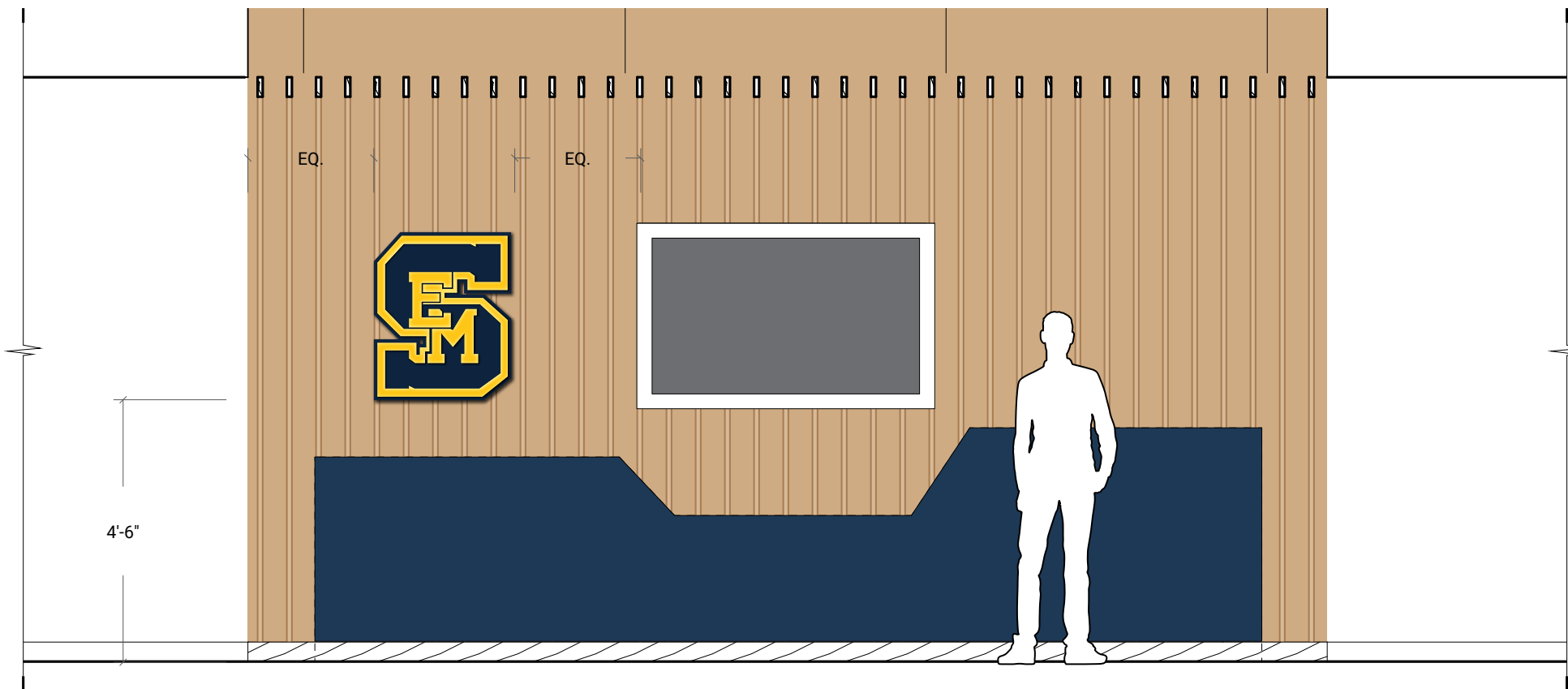
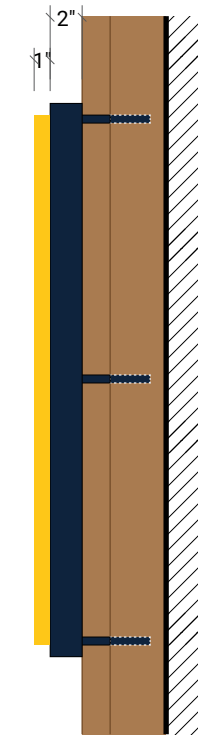
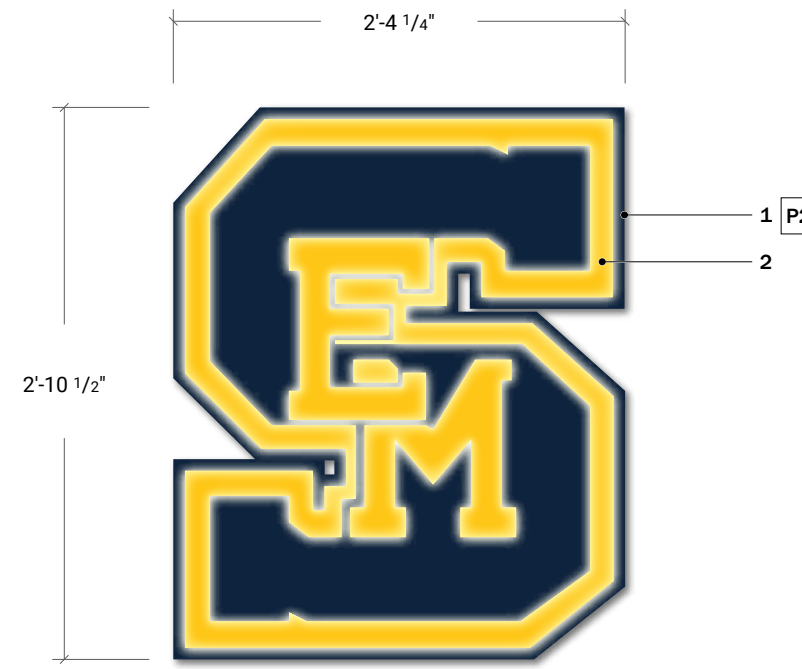
PRICING SET

DRAWING NOTES

- 1 2" thick fabricated acrylic, dimensional logo backer. Logo backer is painted on all faces as noted. Logo is flush mounted to wall with hardware and screws from the back. No visible hardware or screws allowed.
 - 2 1" thick fabricated translucent, dimensional logo. Logo is internal-illuminated with premium yellow LEDs. Logo is flush mounted to navy logo backer. All power connections to be concealed behind logo.
- A** Sign Mfr. to field verify mounting locations and adjust mounting per location as needed to accommodate variations in conditions.

SAMPLES

Submit two (2) painted color samples on acrylic for review and approval with shop drawings. Submit LEDs options for review and approval.



All artwork is for design intent only. Artwork shall not be used for production. All dimensions and locations are to be field verified.

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PRICING SET

DRAWING NOTES

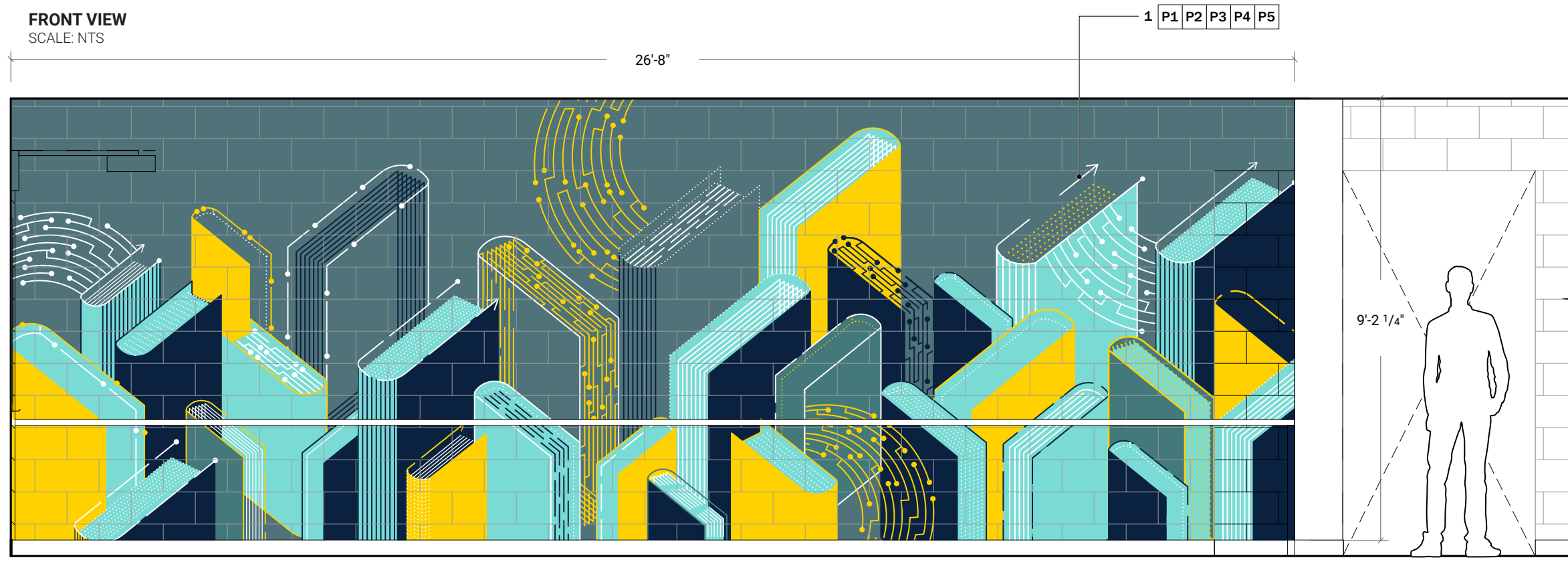
- 1** Digitally HD printed full wall coverage vinyl heat applied to brick wall. Vinyl to be applied free of air bubbles, tears, creases and folds. Project designer will supply final artwork files for printing prior to shop drawings.
- A** Sign Mfr. to field verify mounting locations and adjust mounting per location as needed to accommodate variations in conditions.

SAMPLES

Submit two (2) samples of 10" square, printed vinyl material applied to 1/4" thick piece of acrylic for review and approval with shop drawings.



FRONT VIEW
SCALE: NTS



ELEVATION: BLDG K - K116 CODING LAB
SCALE: 3/8" = 1'-0"

All artwork is for design intent only. Artwork shall not be used for production. All dimensions and locations are to be field verified.

CODING LAB
WALL A

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El Monte, C

75-20225-00
July 21, 2022

PRICING SET

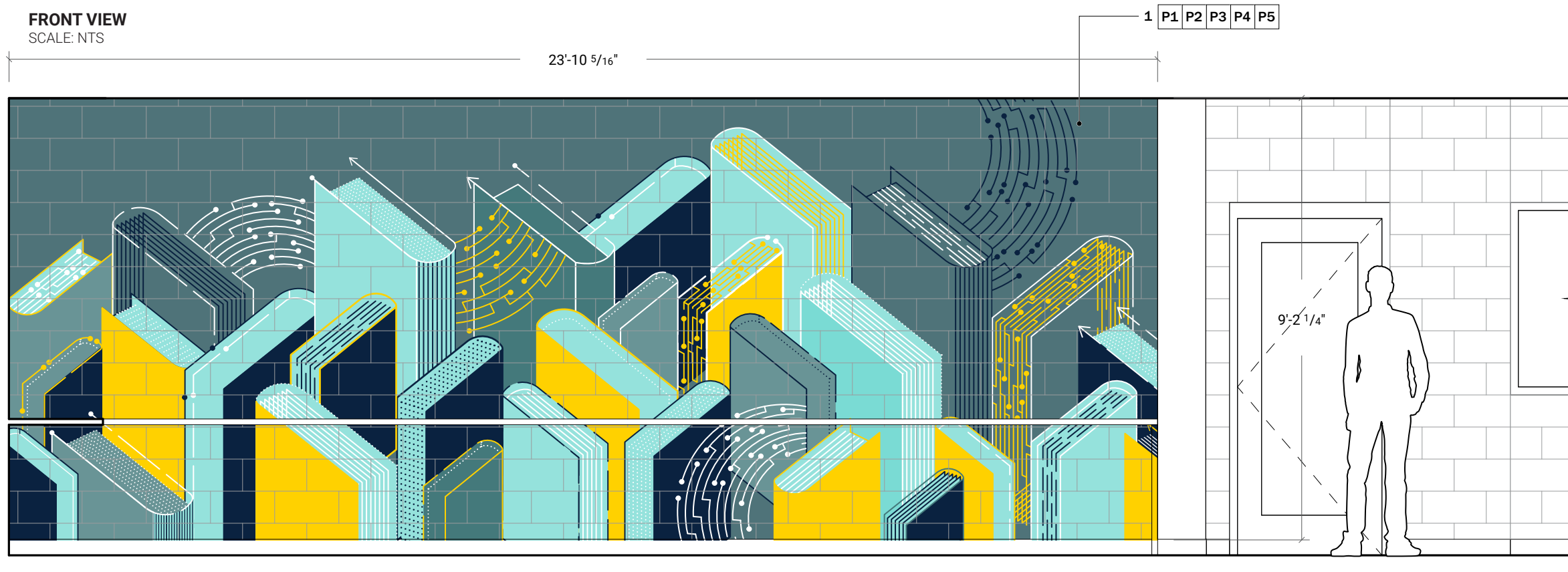
DRAWING NOTES

- 1** Digitally HD printed full wall coverage vinyl heat applied to brick wall. Vinyl to be applied free of air bubbles, tears, creases and folds. Project designer will supply final artwork files for printing prior to shop drawings.
- A** Sign Mfr. to field verify mounting locations and adjust mounting per location as needed to accommodate variations in conditions.

SAMPLES

Submit two (2) samples of 10" square, printed vinyl material applied to 1/4" thick piece of acrylic for review and approval with shop drawings.

FRONT VIEW
SCALE: NTS



ELEVATION: BLDG K - K116 CODING LAB
SCALE: 3/8" = 1'-0"

All artwork is for design intent only. Artwork shall not be used for production. All dimensions and locations are to be field verified.

CODING LAB
WALL B

SOUTH EL MONTE HIGH SCHOOL
El Monte, C

75-20225-00
July 21, 2022

PRICING SET

DRAWING NOTES

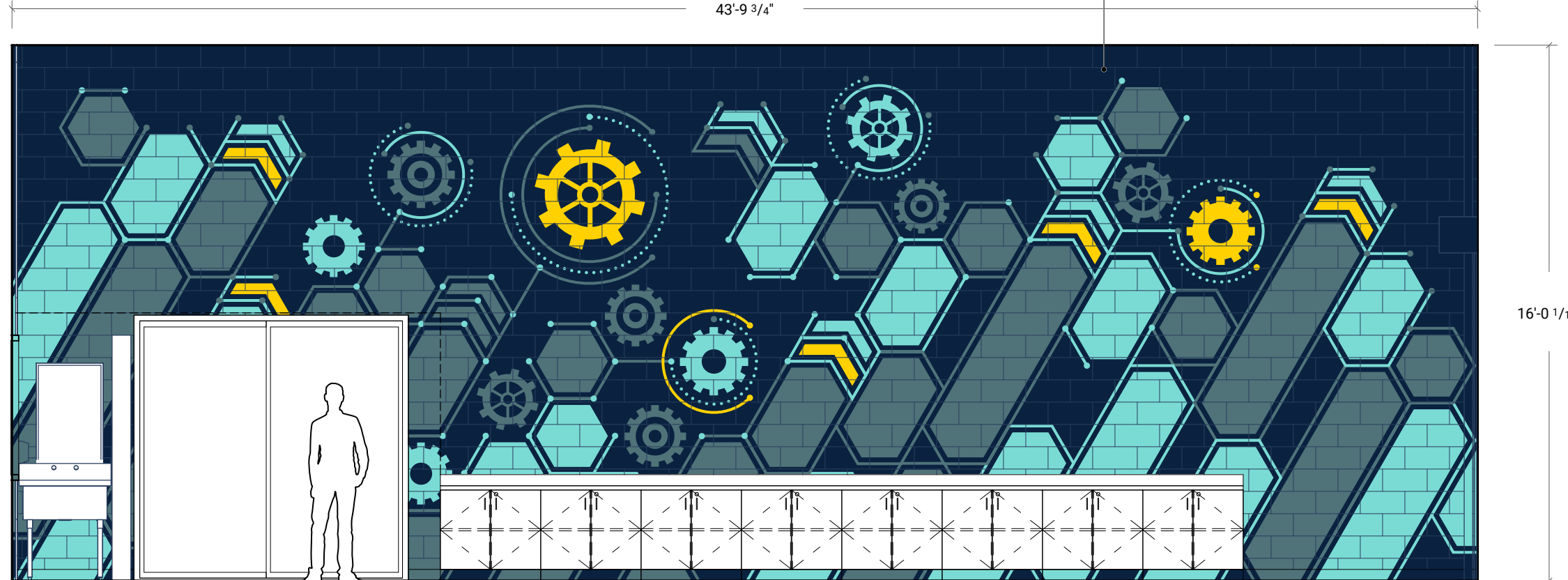
- 1** Digitally HD printed full wall coverage vinyl heat applied to brick wall. Vinyl to be applied free of air bubbles, tears, creases and folds. Project designer will supply final artwork files for printing prior to shop drawings.
- A** Sign Mfr. to field verify mounting locations and adjust mounting per location as needed to accommodate variations in conditions.

SAMPLES

Submit two (2) samples of 10" square, printed vinyl material applied to 1/4" thick piece of acrylic for review and approval with shop drawings.



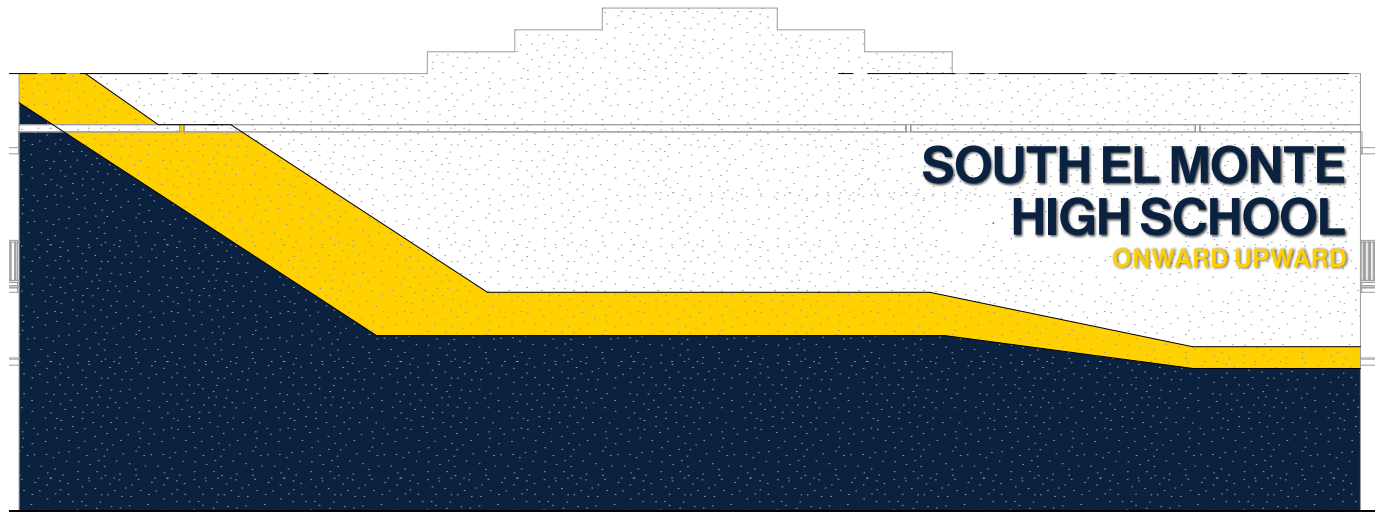
FRONT VIEW
SCALE: NTS



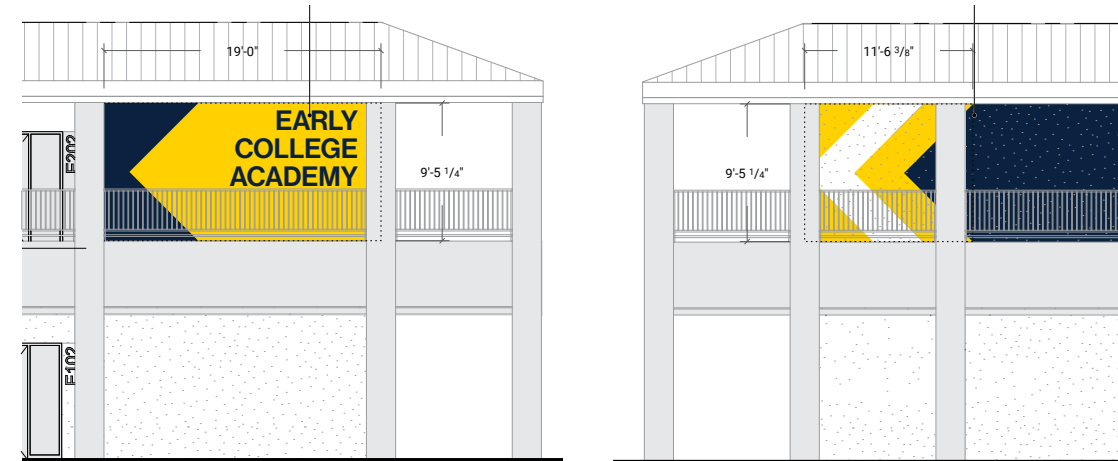
ELEVATION: BLDG K - K101 MANUFACTURE LAB
SCALE: 1/4" = 1'-0"

All artwork is for design intent only. Artwork shall not be used for production. All dimensions and locations are to be field verified.

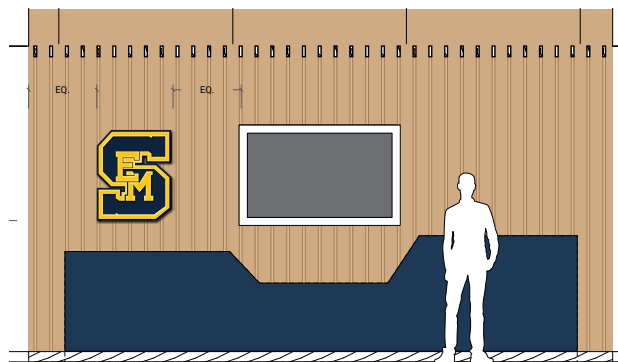
**MANUFACTURE LAB
WALL 1**



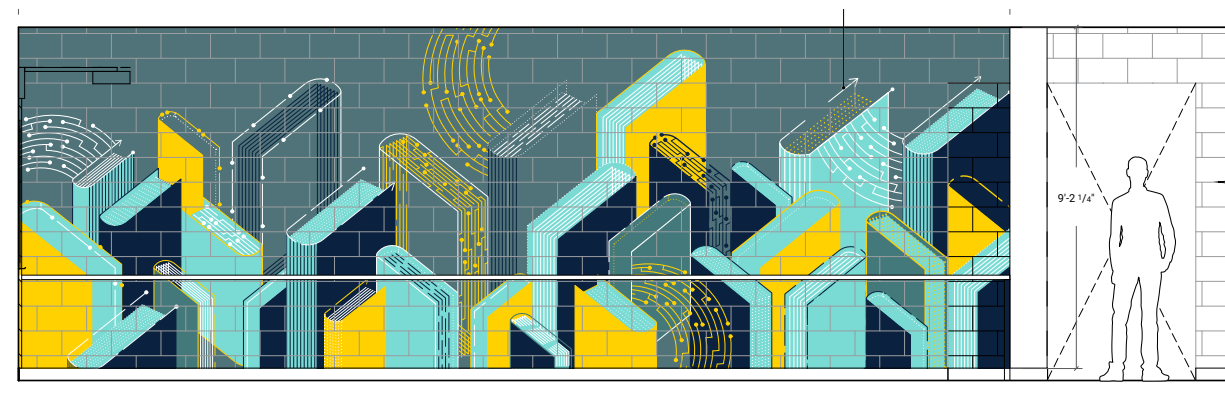
BUILDING FACADE ID



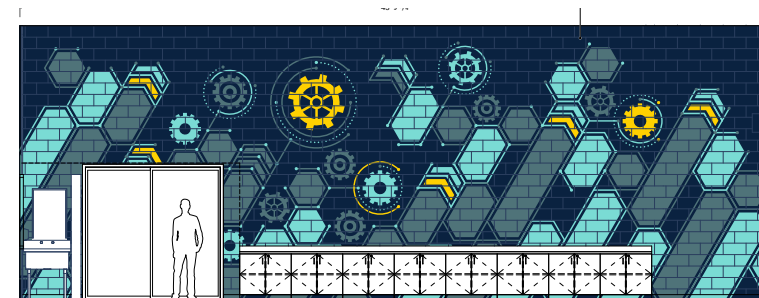
BUILDING CORNER ID



LOBBY ID



CODING LAB GRAPHIC



MANUFACTURING LAB GRAPHIC

All artwork is for design intent only. Artwork shall not be used for production. All dimensions and locations are to be field verified.

 **DLR**GROUP