ADDENDUM 03

Community Crisis Center
Helix Project No.24001.00

Issue Date: 7.28.25

This Addendum shall supersede and supplement all portions of the bidding documents, dated 03.26.2025, with which it conflicts.

Project Manual Modifications

Section 27 1200 - COMMUNICATIONS INFRASTRUCTURE CABLING

1. **REVISE** OS2 cabling to OM3

Drawing Modifications

Architectural:

A101 – LEVEL 01 FLOOR PLAN
1. **REVISE** Office 159 to be Medication Storage Room 159.
2. **REVISE** Door 159 to be a solid wood door with no sidelite, Type C.
3. **REVISE** Patient Room 121 to be Office 121.
4. **REVISE** Door 121 to match all other private office doors and storefronts on Level 01.

A102 - LEVEL 02 FLOOR PLAN
1. **ADD** six private offices to west side of plan, Offices 259 – 264.

A151 - LEVEL 01 REFLECTED CEILING PLAN
1. **REVISE** ceiling at Office 121. Replace with 2’ x 2’ ACT and 4’ linear light fixtures.

A152 - LEVEL 02 REFLECTED CEILING PLAN
1. **ADD** 2’ x 2’ ACT and linear light fixtures to Offices 259 – 264. Refer to mechanical and electrical drawings for more information.
2. **ADD** ceiling detail H11, metal trim surrounding structural penetration of ACT.

A601 - INTERIOR ELEVATIONS
1. **ADD** drawing H08, interior elevation at medication storage casework.
2. **REVISE** upper cabinet detail to E11 (upper cabinet without bulkhead).
3. **ADD** casework detail A11 to drawing C08.

A602 - INTERIOR ELEVATIONS
1. **ADD** casework details D07, E11, and G11 to drawing A12.
2. **ADD** casework detail D11 to drawing C12.
3. **ADD** casework details D07 and G01 to drawing F01.

A652 - INTERIOR DETAILS
1. **ADD** drawing H11, ceiling detail at metal trim surrounding structural penetration of ACT.

A653 - INTERIOR DETAILS
1. **ADD** drawing H11, plan detail at demountable partitions to windows.

A672 - CASEWORK DETAILS
1. **ADD** drawing E11, casework detail at upper cabinet without bulkhead.

A701 - LEVEL 01 FINISH PLAN
1. **REVISE** Room 159 to be Medication Storage.

A702 - LEVEL 02 FINISH PLAN
1. **ADD** finishes to new private offices on west side of plan.

A801 - DOOR SCHEDULE, TYPES & DETAILS
1. **REVISE** Door 159 to be a solid wood door with no sidelite, Type C.
2. **ADD** Doors 259 – 264.

A901 - LEVEL 01 FFE PLAN
1. **REMOVE** furniture in room 159.
2. **REVISE** room 159 to be Medication Storage.
3. **REVISE** furniture in room 121 to workstation, guest chairs, and storage unit.

A902 - LEVEL 02 FFE PLAN
1. **REVISE** floor box location at Open Office 214.
2. **REVISE** workstation locations at Open Office 214.
3. **ADD** workstations and furniture to Offices 259 – 264.
4. **REVISE + REMOVE** floor boxes at west side of open office.

Plumbing:

P100 – BELOW FLOOR PLUMBING PLAN
1. **ADD** waste piping for new sink in Med Storage room.

P101 – LEVEL 01 PLUMBING FLOOR PLAN
1. **REVISE** piping as required for new sink in Med Storage room.

P400 – LEVEL 02 PLUMBING FLOOR PLAN
1. **REVISE** piping as required for new sink in Med Storage room.

P601 – PLUMBING SCHEDULES
1. **REVISE** Schedule for sink SK-4.

Mechanical:

M101 – LEVEL 01 – MECHANICAL FLOOR PLAN
1. **ADD** new TU-1.20 to serve new med storage room.

M102 – LEVEL 02 – MECHANICAL FLOOR PLAN
1. **REVISE** ductwork as required for new floor plan. This included the addition of a new terminal unit and fan terminal unit as well as reselection of existing ftu's.

M103 – LEVEL 01 – MECHANICAL PIPING FLOOR PLAN
1. **ADD** hws/r piping to new TU-1.20 to serve new med storage room.

M104 – LEVEL 02 – MECHANICAL PIPING FLOOR PLAN
1. **REVISE** HWS and HWR piping as required to serve new boxes.

M301 – MECHANICAL SECTIONS
1. **DELETE** view A1 from sheet.

M602 – MECHANICAL SCHEDULES
1. **ADD** TU-1.20 and TU-2.09 to Terminal Unit Schedule.

M603 – MECHANICAL SCHEDULES
1. **REVISE** FTU-1.05, FTU-2.10, FTU-2.11, FTU-2.13 and added FTU-2.16 to Fan Terminal Unit Schedule.

Electrical:

E131 – LEVEL 01 ELECTRICAL POWER FLOOR PLAN
1. **REVISE** layout for med storage room 159
2. **REVISE** layout for office 121

E132 – LEVEL 02 ELECTRICAL POWER FLOOR PLAN
1. **REVISE** layout for additional offices added, rooms 259-264.

E141 – ELECTRICAL LIGHTING FLOOR PLAN
1. **REVISE** layout for med storage room 159
2. **REVISE** layout for office 121

E142 – ELECTRICAL LIGHTING FLOOR PLAN
1. **REVISE** layout and controls for rooms 259-264 and open office 214

E611 – ELECTRICAL SCHEDULES
1. **REVISE** mechanical equipment schedule
2. **REVISE** panel L1A

E612 – ELECTRICAL SCHEDULES
1. **REVISE** panel L1B

E613 – ELECTRICAL SCHEDULES
1. **REVISE** panel L2B

Technology:

T001 – TECHNOLOGY GENERAL NOTES AND SYMBOLS
1. **ADD** Horizontal Cabling Port Labeling Scheme
2. **ADD** revised Horizontal Cable Tags to symbols list

T121 – LEVEL 01 COMMUNICATIONS PLAN
1. **REVISE** office to Medication Storage 159
2. REVISE cable tags for WAPs
3. **ADD** data for Office 121

T122 – LEVEL 02 COMMUNICATIONS PLAN
1. **REVISE** layout of west office area
2. **ADD** data as needed due to west office area update
3. **REVISE** cable tags for WAPs

T132 – LEVEL 02 AUDIO-VISUAL PLAN
1. **REVISE** EM-01 layout for Zone A. Removed (6) EM-01 to accommodate revised floor plan.

T141 – LEVEL 01 SAFETY-SECURITY PLAN
1. **ADD** camera and card reader to Medication Storage 159

T142 – LEVEL 02 SAFETY-SECURITY PLAN
1. **REVISE** fire alarm devices as needed due to west office area update

T231 – AUDIO-VISUAL ELEVATIONS
1. **REVISE** flat panel mounting height for detail A05, D03, and D10

T232 – AUDIO-VISUAL ELEVATIONS
1. **REVISE** flat-panel mounting height and added tag for SBAR-01 on detail A04

T521 – COMMUNICATIONS RISERS AND DETAILS
1. **REVISE** backbone cabling from OS2 to OM3
2. **REVISE** Horizontal Cable Schedule to separate WAPs

T533 – AUDIO-VISUAL RISERS AND DETAILS
1. **REVISE** quantity for EM-01 devices on detail A06

END OF DOCUMENT

SECTION 27 1200 - COMMUNICATIONS INFRASTRUCTURE CABLING

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. UTP cabling.
2. Optical fiber cabling.
3. Cable connecting hardware, patch panels, and cross-connects.

1.3 DEFINITIONS:

A. Basket Cable Tray: A fabricated structure consisting of wire mesh bottom and side rails.

B. BICSI: Building Industry Consulting Service International.

C. Consolidation Point: A location for interconnection between horizontal cables extending from building pathways and horizontal cables extending into furniture pathways. Refer to TIA standards.

D. Cross-Connect: A facility enabling the termination of cable elements and their interconnection or cross-connection.

E. EMI: Electromagnetic interference.

F. IDC: Insulation displacement connector.

G. Ladder Cable Tray: A fabricated structure consisting of two longitudinal side rails connected by individual transverse members (rungs).

H. LAN: Local area network.

I. MUTOA: Multiuser telecommunications outlet assembly, a grouping in one location of several telecommunications outlet/connectors. Refer to TIA standards.

J. NRTL: Nationally recognized testing laboratories.

K. Outlet/Connectors: A connecting device in the work area on which horizontal cable or outlet cable terminates.

L. RCDD: Registered Communications Distribution Designer.

M. UTP: Unshielded twisted pair.

N. VoIP: Voice over internet protocol.

1.4 PERFORMANCE AND QUALITY ASSURANCE:

A. Installer Qualifications: See section “COMMON WORK RESULTS FOR COMMUNICATIONS SYSTEMS”.

B. Surface-Burning Characteristics: As determined by testing identical products according to ASTM E 84 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Flame-Spread Index: 25 or less.
2. Smoke-Developed Index: 450 or less.

1.5 BACKBONE CABLING DESCRIPTION:

A. Backbone cabling system shall provide interconnections between communications equipment rooms, main terminal space, and entrance facilities in the telecommunications cabling system structure. Cabling system consists of backbone cables, intermediate and main cross-connects, mechanical terminations, and patch cords or jumpers used for backbone-to-backbone cross-connection.

B. Backbone cabling cross-connects may be located in communications equipment rooms or at entrance facilities. Bridged taps and splitters shall not be used as part of backbone cabling.

C. Service Entrance:

1. See Section “COMMON WORK RESULTS FOR ELECTRICAL” for pathway installation requirements.
2. Coordination conduit requirements with service provider.

D. Intrabuilding: The cable route within a building, connecting closet to closet or closet to the equipment room is referred to as the Intrabuilding Backbone Subsystem. It links the Main Cross-connect (MC) in the equipment room to Intermediate Cross-connects (IC) and Horizontal Cross-connects (HC) in the Telecommunications Room/Closets (TR). It consists of the backbone transmission media between these locations and the associated connecting hardware terminating this media.

1.6 HORIZONTAL CABLING DESCRIPTION:

A. Horizontal cable and its connecting hardware provide the means of transporting signals between the work area telecommunications outlet/connector and the horizontal cross-connect located in the telecommunications room/closet. This cabling and its connecting hardware are called "permanent link," a term that is used in the testing protocols.

1. Comply with the latest versions of ANSI/TIA-568.
2. Horizontal cabling shall contain no more than one transition point or consolidation point between the horizontal cross-connect and the telecommunications outlet/connector.
3. Bridged taps and splices shall not be installed in the horizontal cabling.
4. Horizontal cabling shall be connected to a telecommunications room/closet located on the same floor as the work area being served, unless otherwise allowed on the plans.
5. If telecommunications closets are shown on the plans to serve multiple floors, provide separate racks to serve each floor shown.

B. If work areas are not sufficiently designed on the plans, a work area shall be approximately 100 sq. ft. (9.3 sq. m), and shall include the components that extend from the telecommunications outlet/connectors to the station equipment.

C. A minimum of two horizontal cables shall be routed to each work area.

D. The maximum allowable horizontal cable length is 295 feet (90 m) for all cable types. This maximum allowable length does not include an allowance for equipment cords to the workstation equipment or an allowance for patch cords in the horizontal cross-connect.

1.7 SUBMITTALS:

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

B. Shop Drawings:

1. Submit labeling convention for approval by Owner prior to installation. See section “COMMON WORK RESULTS FOR COMMUNICATIONS SYSTEMS” for additional labeling information.
2. Cross-connects and patch panels. Detail mounting assemblies, and show elevations and physical relationship between the installed components.
3. System Labeling Schedules: Electronic copy of labeling schedules, in software or format selected by Owner.
4. Cabling administration drawings and printouts.

C. Qualification Data: Refer to Section “COMMON WORK RESULTS FOR COMMUNICATIONS SYSTEMS”.

D. Maintenance Data: For splices and connectors to include in maintenance manuals.

1.8 DELIVERY, STORAGE AND HANDLING

A. Test cables upon receipt at Project site.

1. Test optical fiber cable to determine the continuity of the strand end to end.
2. Test each pair of UTP cable for open and short circuits.

1.9 PROJECT CONDITIONS

A. Environmental Limitations: Do not deliver or install cables and connecting materials until wet work in spaces is complete and dry, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.

1.10 COORDINATION:

A. Coordinate layout and installation of telecommunications pathways and cabling with Owner's telecommunications and LAN equipment and service suppliers.

B. Coordinate telecommunications outlet/connector locations with location of power receptacles at each work area.

PART 2 - PRODUCTS

2.1 PATHWAYS

A. Refer to Section “COMMON WORK RESULTS FOR COMMUNICATIONS SYSTEMS” and section “RACEWAY SYSTEMS”.

2.2 UTP CABLE:

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Superior Essex/Ortronics
2. CommScope

3. Belden
4. Berk-Tek/Leviton
5. General Cable/Panduit (Pan/Gen)
6. Panduit/Panduit
7. Or Engineer Approved Equal

B. Compliance and Listings:

1. Comply with ICEA S-90-661 for mechanical properties.
2. Comply with the latest edition of ANSI/TIA-568.1.
3. Comply with the latest edition of ANSI/TIA-568.2 for performance specifications.
4. Listed and labeled by an NRTL acceptable to authorities having jurisdiction as complying with UL 444 and NFPA 70 for the following types:

   a. Communications, General Purpose: Type CM or CMG.
   b. Communications, Plenum Rated: Type CMP, complying with NFPA 262.
   c. Communications, Riser Rated: Type CMR, complying with UL 1666.
   d. Communications, Limited Purpose: Type CMX.

C. Backbone UTP Cabling:

1. 100-ohm, Cat. 3 UTP, number of pairs as shown on plans.
2. 50 pair or larger cables shall be formed into 25 pair binder groups covered with a //gray// thermoplastic jacket.

D. Outside Plant UTP:

1. Outside plant UTP cables must be listed for outside plant use, and shall be installed according to manufacturer's guidelines.
2. Outside plant UTP cable must not exceed 800 meters (2624 feet) unless otherwise approved by the Owner.
3. Grounding and lightning protection of outside plant UTP cable must be strictly observed to preserve the life of the cable, and as directed by local codes for safety reasons. Provide a #3/0 copper counterpoise above the UTP cable or in the same duct. Counterpoise shall be directly grounded on both ends and on 300' intervals with a minimum 10' x ¾" copper clad ground rod. Both ends of the counterpoise shall be bonded to the telecommunications grounding bar.
4. Provide surge protection on both ends of all pairs in exposed UTP cables. Protector panels shall be in accordance with Section "COMMUNICATIONS EQUIPMENT ROOMS".
5. Inline splice enclosures shall be installed on both ends of UTP cables per Section "COMMUNICATION EQUIPMENT ROOMS".

E. Horizontal UTP Cabling:

1. 100-ohm, Cat. 6 4-pair UTP, color as noted on plans.
2. All cables and parts shall be plenum rated unless otherwise noted on the drawings.
3. Cables shall match or exceed performance requirements of Superior Essex DataGain cabling.

2.3 UTP CABLE HARDWARE:

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Superior Essex/Ortronics
2. CommScope
3. Belden
4. Berk-Tek/Leviton
5. General Cable/Panduit (Pan/Gen)
6. Panduit/Panduit
7. Or Engineer Approved Equal

B. General Requirements for Cable Connecting Hardware: Comply with the latest edition of ANSI/TIA-568.2, IDC type, with modules designed for punch-down caps or tools. Cables shall be terminated with connecting hardware of same category or higher.

C. Connecting Blocks: 110-style IDC for Cat. 6. Provide blocks for the number of cables terminated on the block, plus 25 percent spare. Integral with connector bodies, including plugs and jacks where indicated.

1. Connecting blocks shall be made of flame-retardant thermoplastic.
2. Be available in 48-, 96-, and 288 pair sized field termination kits.
3. Have detachable stand-off legs.
4. Shall meet the performance and configuration of the category cabling being installed and shall be a matched solution from the cabling manufacturer.
5. Contain access openings for rear to front cable routing to the point of termination.
6. Have termination strips on the base to be notched and divided into 4-pair increments.
7. Have clear label holders with the appropriate colored inserts available for the wiring blocks. The insert labels provided with the product shall contain vertical lines spaced on 4-pair circuit size and shall not interfere with running, tracing or removing patch cords. Label holders must be capable of mounting between each row of connecting blocks.
8. Have bases available in 19 inch panels and high density frame configurations for rack or wall mounting with cable management hardware.
9. Have connecting blocks used for either the termination of cross-connect (jumper) wire or patch cords. The connecting blocks shall only be available in 4-pair size with internal cross-talk barriers to provide 360 degrees of pair isolation and staggered pair spacing.
10. All connecting blocks shall have color-coded tip and ring designation markers and be of single piece construction.
11. Have connecting blocks with a minimum of 200 re-terminations without signal degradation below standards compliance limit.
12. Support wire sizes: Solid 22-26 AWG (0.64 mm - 0.40 mm).

D. Patch Panel: Modular panels housing multiple-numbered jack units with IDC-type connectors at each jack for permanent termination of pair groups of installed cables. Panels shall have the following characteristics:

1. Be sized to fit a standard, 19-inch rack, or be capable of mounting to a wall.
2. Be made of black anodized aluminum in 24- and 48- port configurations.
3. Have cutouts supporting UTP.
4. Have cutouts, which allow terminated jacks to pass through the panel for easy rearrangement.
5. Have changeable ports, which are removed from the front of the panel to allow custom configuration or modification to the panel.
6. Have port identification numbers provided on both the front and rear of the panel.
7. Have mounting slots compatible with CEA-310-E “Design Requirements for Cabinets, Panels, Racks, and Sub-Racks”.
8. Allow modular insert to accept 110-style patch plugs as a means of termination.

E. Jacks and Jack Assemblies: Modular, color-coded, 8P8C eight-position modular receptacle units with integral IDC-type terminals. Jacks and jack assemblies shall have the following characteristics:

1. Be available in black, white, gray, ivory, light ivory, blue, green, and yellow.
2. Accommodate a minimum of two 8-position / 8-conductor modular jacks.
3. Utilize RJ-45 connectors, category to match cabling. Jack shall match performance of the cable.
4. Termination shall be accomplished with a single conductor impact tool.
5. Be backwards compatible to allow lower performing categories of cables or connecting hardware to operate to their full capacity.
6. Have rear protective strain relief caps with side or rear entry, which can be installed onto cable before or after termination.
7. Allow for a minimum of 200 re-terminations without signal degradation below standards compliance limit.
8. Have 45 degree angled design available with angled shroud to protect connection and help control bend radius.
9. Provide universal application / multi-vendor support.
10. Support industry standards for T568A or T568B wiring options.

2.4 UTP CABLE PATCH CORDS

A. Patch Cords: Factory-made, pre-connectorized, 4-pair cables in lengths as directed by Owner. Jacket color shall be as directed by Owner.

1. Modular Patch Cords: All modular plugs shall be equipped with a matching Cat. 6 patch cord.

   a. Patch cords shall be backwards compatible with lower performing categories.
   b. Modular plugs shall exceed FCC CFR 47 part 68 subpart F and IEC 60603-7 specifications, and have 50 micro-inches minimum of gold plating over nickel contacts.
   c. Patch cords shall have bend-relief-compliant boots and color-coded icons to ensure category performance. Patch cords shall have latch guards to protect against snagging.
   d. Patch cords shall be resistant to corrosion from humidity, extreme temperatures, and airborne contaminants and shall exhibit PSNEXT performance.

2. 110-Style Patch Cords: Cat. 6 patch cord:

   a. Patch cords shall use 4-pair stranded cables.
   b. Patch cords shall give a DC resistance per lead: 9.38 Ω / 100 m maximum.
   c. Patch cords shall have input impedance without averaging: 100 Ω ± 15% from 1 to 100 MHz, ± 22% from 100 to 200 MHz and ± 32% from 200 to 250 MHz.

3. 110-Style-to-Modular Patch Cords: Cat. 6 patch cord with a minimum 9 ft. (2.7 m) length:

   a. Patch cords shall use 4-pair stranded cables and shall have an eight-position modular plug.
   b. Patch cords shall be made from factory assembled modular cords for field assembly to guarantee performance.
   c. Patch cords shall have colored boots at the base of the modular connector and snap-in colored icons on the 110-style connector.

2.5 OPTICAL FIBER CABLE – INSIDE PLANT

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Belden
2. CommScope
3. Corning
4. Optical Cable Corporation (OCC)
5. Sterlite Tech Limited
6. Sumitomo
7. Or Engineer Approved Equal

B. Description:

1. Comply with ICEA S-83-596 for mechanical properties.
2. Comply with the latest edition of ANSI/TIA-568.3 for performance specifications.
3. Comply with TIA-492AAAB (50/125 micrometer cable) or TIA-492AAAA-A (62.5/125 micrometer cable) for detailed specifications.
4. Indoor/Outdoor rated where cable is routed indoors and outdoors.
5. Armored when routed in J-Hooks.
6. Listed and labeled by an NRTL acceptable to authorities having jurisdiction as complying with UL 444, UL 1651, and NFPA 70 for the following types:

   a. General Purpose, Nonconductive: Type OFN or OFNG.
   b. Plenum Rated, Nonconductive: Type OFNP, complying with NFPA 262.
   c. Riser Rated, Nonconductive: Type OFNR, complying with UL 1666.

C. Multimode (OM3): 50/125 micrometer, laser enhanced, minimum 2-strand, loose tube.

1. All cables shall be enhanced quality rated for use with 1 Gigabit and 10 Gigabit Ethernet.
2. Jacket shall be aqua and shall be imprinted with fiber count and fiber type at regular intervals not to exceed 40 inches (1000 mm).
3. Cables shall meet the requirements noted in Table 1 below.

TABLE 1
Minimum Performance Parameters for Inside Plant Optical Fiber Cables

Fiber	*Maximum Attenuation (dB/km)*		*Minimum Bandwidth (MHz-km) –*		*Guaranteed Transmission Distance (m) – 1 Gb/s*	
	@ 850 nm	@ 1300 nm	@ 850 nm	@ 1300 nm	@ 850 nm	@ 1300 nm
50/125 Laser Enhanced (OM3)	3.5	1.5	1500 (OFL) 2000 (EMB)	500	800	550

OFL: OVERFILLED LAUNCH
EMB: EFFECTIVE MODAL BANDWIDTH

2.6 OPTICAL FIBER CABLE HARDWARE

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. Belden
2. CommScope
3. Corning
4. Optical Cable Corporation (OCC)
5. Sterlite Tech Limited
6. Sumitomo
7. Or Engineer Approved Equal

B. Cross-Connects and Patch Panels: Modular panels housing multiple-numbered, duplex cable connectors.

C. Optical Fiber Distribution Panel:

1. Panel shall be a rack mountable optical fiber distribution panel constructed of 18 gauge steel. Panel shall be divided into two sections, distribution and user.

a. Distribution section shall be supplied with strain reliefs, routing guides, splice trays, and be lockable.
b. The user section shall have a cover for patch cord protection. Each panel shall provide adapters and shall account for all specified fiber strands. Product shall be a manufacturer matched solution to the specified fiber.
c. Provide pre-connectorized fiber patch cables with matching connectors as specified. Patch cables shall meet the performance of all backbone fiber cabling. Length as required for installation shall not exceed BICSI or TIA standards for installation. Patch cable shall be a matched solution with the specified fiber.

D. Cable Connecting Hardware:

1. All fiber connectors shall have the following characteristics:

a. Comply with Optical Fiber Connector Intermateability Standards (FOCIS) specifications in the latest editions of ANSI/TIA-604-2, ANSI/TIA-604-3, and ANSI/TIA-604-12. Comply with the latest edition of ANSI/TIA-568.3.
b. Quick-connect, simplex and duplex, connectors.
c. Have a termination process, which incorporates use of a reliable anaerobic adhesive, which has a high resistance to environmental extremes.
d. Utilize a precision zirconia ceramic ferrule.

e. Have a typical insertion loss not more than 0.3 dB via fusion splice-on method.
f. Verify all fiber connector types with Owner.

2. Connectors

a. LC Connectors

1) Available in simplex or duplex configurations.
2) Available with color coded boots to facilitate fiber identification.
3) An outer housing color-coded in accordance with the latest edition of ANSI/TIA-568.3.

2.7 OPTICAL FIBER CABLE PATCH CORDS

A. Patch Cords: Factory-made, cable type to match terminated fiber.

B. Provide patch cords in lengths as directed by Owner. Jacket color and connector types shall be as directed by Owner.

C. Provide patch cords for every fiber termination.

PART 3 - EXECUTION

3.1 ENTRANCE FACILITIES

A. Coordinate backbone cabling with the protectors and demarcation point provided by communications service provider.

3.2 CABLE ROUTING:

A. Refer to Section “COMMON WORK RESULTS FOR COMMUNICATIONS SYSTEMS”.

3.3 WIRING METHODS:

A. Refer to Section “COMMON WORK RESULTS FOR COMMUNICAITONS SYSTEMS”.

3.4 FIRESTOPPING:

A. Refer to Section “RACEWAY SYSTEMS”.

3.5 GROUNDING:

A. Refer to Section “GROUNDING AND BONDING FOR COMMUNICATIONS SYSTEMS”.

3.6 LABELING:

A. Refer to Section “COMMON WORK RESULTS FOR COMMUNICATIONS SYSTEMS”.

3.7 FIELD QUALITY CONTROL:

A. Inspections:

1. Visually inspect UTP and optical fiber cable jacket materials for NRTL certification markings. Inspect cabling terminations in communications equipment rooms for compliance with color-coding for pin assignments and inspect cabling connections for compliance with the latest edition of ANSI/TIA-568.2.
2. Visually confirm category, marking of outlets, cover plates, outlet/connectors, and patch panels.
3. Visually inspect cable placement, cable termination, grounding and bonding, equipment, patch cords, and labeling of all components.
4. End-to-end cabling will be considered defective if it does not pass tests and inspections.
5. Prepare inspection reports.

B. General Testing:

1. Cables shall be tested after installation is complete with an approved tester and delivered in electronic format for the engineer to review. No hand written test shall be excepted. If for any reason a drop count was removed from an existing location or after the initial test was done, all cables associated to this drop location shall be retested. The cost of retesting is the responsibility of the cabling contractor and shall be included at time of bid. The field testing device shall be recalibrated every 12 months or as required by the manufacturer.
2. Prepare test reports.

C. UTP Performance Tests:

1. Test Equipment Parameters:

a. All UTP field testers shall be factory calibrated each calendar year by the field test equipment manufacturer as stipulated by the manuals provided with the field test unit. The calibration certificate shall be provided for review prior to the start of the testing.
b. Auto test settings provided in the field tester, for testing the installed cabling, shall be set to the default parameters.
c. Test settings selected from options provided in the field testers shall be compatible with the installed cable under test.
d. All field testing shall be performed with an approved level IIe or III UTP field test device.

2. Tests for each outlet. Perform the following tests according to the latest edition of ANSI/TIA-568.2:

a. Wire map.
b. Length (physical vs. electrical, and length requirements).
c. Insertion loss.
d. Near-end crosstalk (NEXT) loss.
e. Power sum near-end crosstalk (PSNEXT) loss.
f. Equal-level far-end crosstalk (ELFEXT).
g. Power sum equal-level far-end crosstalk (PSELFEXT).
h. Return loss.
i. Propagation delay.
j. Delay skew.

3. All installed channels shall perform equal to or better than the minimum requirements as specified in the latest edition of ANSI/TIA-568.2.

D. Optical Fiber Cable Tests:

1. Fiber backbone cables shall be 100% tested for attenuation and length.
2. Test instruments shall meet or exceed applicable requirements in the latest edition of ANSI/TIA-568.3. Use only test cords and adapters that are qualified by test equipment manufacturer for channel or link test configuration.
3. Length shall be tested using an OTDR or sequential cable measurement markings.

4. Link End-to-End Attenuation Tests:

    a. Attenuation for multimode cable shall be tested bidirectionally at 850nm and 1300nm.
    b. Attenuation for singlemode cable shall be tested bidirectionally at 1310nm and 1500nm.
    c. Acceptable attenuation test results shall be determined using the following calculation (in accordance with the latest edition of ANSI/TIA-568.3).

        1) Link attenuation = cable attenuation + connector attenuation + splice attenuation

    d. Cable attenuation, connector attenuation and splice attenuation are determined by each of the following formulas:

        1) Cable Attenuation (dB) = Attenuation coefficient (dB/km) x Length (km)
        Attenuation Coefficient

Cable Type	Wavelength	Attenuation Coefficient
50/125 multimode	850 nm	3.0 dB/km
	1300 nm	1.5 dB/km

        2) Connector Attenuation (dB) = # of connector pairs x connector loss
        = 2 x 0.75 dB
        = 1.5 dB
        3) Splice Attenuation (dB) = # of splice(s) x splice loss (dB)
        = # of splice(s) x 0.3 Db

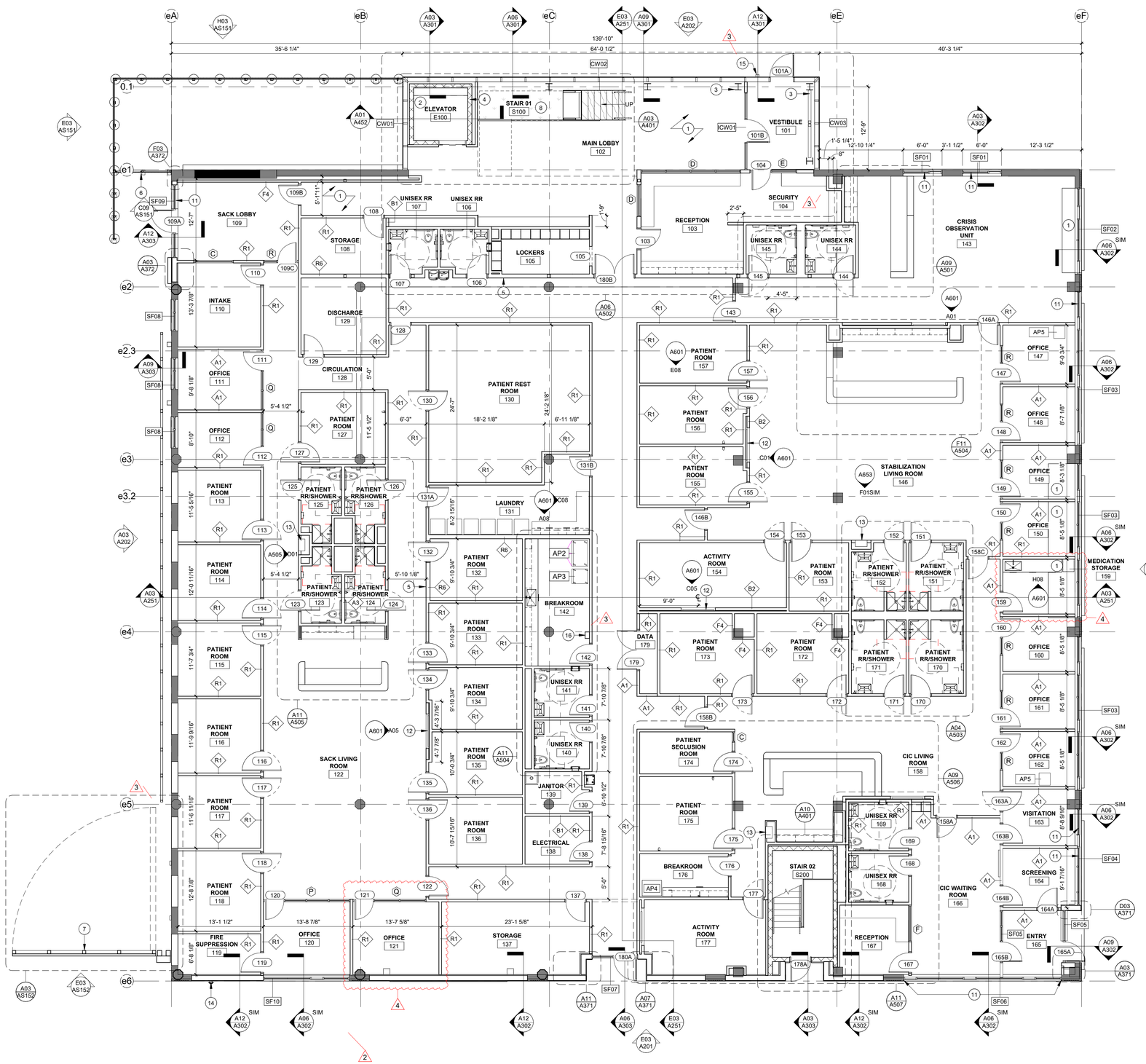
5. Perform optical fiber end-to-end link tests according to the latest edition of ANSI/TIA-568.3.
6. The backbone channel performance shall meet the requirements shown in the latest edition of ANSI/TIA-568.3.

    a. The backbone performance includes a total of two mated pair of connectors (zero splices).
    b. For each additional mated pair of connectors, add 0.75 dB to the attenuation values as noted in the latest edition of ANSI/TIA-568.3.
    c. For each splice, add 0.30 dB to the attenuation values (applicable to both multimode and singlemode).
    d. If the attenuation is within the limits as noted in the latest edition of ANSI/TIA-568.3, it is indicative that the return loss performance of the link will be within the limits as indicated.

E. Data for each measurement shall be documented. Data for submittals shall be printed in a summary report and submitted to the Owner.

F. Remove and replace cabling, at no cost to the Owner, where test results indicate that they do not comply with specified requirements.

END OF SECTION 27 1200



KEYED NOTES - FLOOR PLAN

1. CONCRETE SLAB INFILL AND EXTENSION, PER STRUCTURAL.
2. MACHINE ROOMLESS TRACTION ELEVATOR SIZED FOR STRETCHER.
3. STEEL STRUCTURAL COLUMNS AND BEAMS. PER STRUCTURAL.
4. SHAFT WALLS FOR ELEVATOR, PER STRUCTURAL.
5. RECESSED FIRE EXTINGUISHER CABINET.
6. CUSTOM FABRICATED FENCE - 4x4 GALV. PTD. STEEL TUBE POST SUPPORTS WITH CONC. FOOTINGS, 1/4" x 5 1/2" STEEL PLATE PICKETS; GALV. & PAINTED, RE: SITE PLAN.
7. CUSTOM FABRICATED FENCE & OVERSIZED VEHICULAR SWING GATE - GALV. PTD. STEEL TUBE SUPPORTS WITH CONC. FOOTINGS, 1/4" x 8" STEEL PLATE PICKETS GALV. & PTD.; MAN DOOR WITH ACCESS CONTROL HARDWARE; VEHICULAR SWING GATE WITH REMOTE TRANSPONDER AND HYDRAULIC CO, RE: SITE PLAN.
8. INTERIOR PLANTER BED WITH ROCK INFILL. RE: LANDSCAPE.
9. RETRACTABLE LADDER AND GYP CEILING ACCESS PANEL ABOVE
10. EQUIPMENT PROVIDED BY VENDOR.
11. INTEGRAL FRITTED GLASS. RE: ELEVATIONS.
12. TELEVISION, SEE ELEVATION
13. WATER FOUNTAIN, SEE ELEVATION
14. FIRE DEPARTMENT CONNECTION, RE: PLUMBING
15. EMERGENCY KEY BOX. VERIFY FINAL LOCATION WITH AHJ.
16. AUTOMATED EXTERNAL DEFRIBRILLATOR CABINET

A. DURING BIDDING / PRICING PHASE, GENERAL CONTRACTOR SHALL DETERMINE AVAILABILITY OF ALL MATERIALS. ANY DELIVERY SCHEDULE THAT MAY CAUSE COORDINATION PROBLEMS SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER.
B. COORDINATE SECURITY, INFORMATION TECHNOLOGY & AUDIO/VISUAL REQUIREMENTS WITH OWNER. PROVIDE CONDUIT AND PULL STRING AS NEEDED.
C. COORDINATE UTILITY ENTRANCES WITH CIVIL & MECHANICAL, ELECTRIC, PLUMBING, AND FIRE PROTECTION DRAWINGS. PAINT UTILITY CABINETS, METERS & ASSOCIATED PIPING PER ARCHITECTS DIRECTION.
D. ALL INTERIOR WALLS ARE TYPE 'A1' UNLESS NOTED OTHERWISE. A1 TYPE WALLS ARE FULL HEIGHT WITH NON-STRUCTURAL METAL STUD FRAMING, 3" BATT INSULATION AND 5/8" GYP ON BOTH SIDES.
E. ALL DOORS ARE TO BE LOCATED 4" FROM ADJACENT WALL FACE, UNLESS NOTED OTHERWISE. INTERIOR GLASS DOORS PER ELEVATIONS.
F. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
G. ADD VERTICAL CONTROL JOINTS @ 30' ON-CENTER IN NEW GYPSUM BOARD WALLS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALL. WHERE CONTROL JOINTS OCCUR AT FIRE-RATED ASSEMBLIES, PROVIDE FIRE-RATED CONTROL JOINTS.
H. ALL FLOOR PENETRATION LOCATIONS SHALL BE COORDINATED AND VERIFIED WITH STRUCTURAL AND MECHANICAL, ELECTRIC, PLUMBING, AND FIRE PROTECTION FOR ELEMENTS INCLUDING ITEMS LOCATED ON FLOORS ABOVE & BELOW CONCEALED WORK (EMBEDS, REBAR, ETC.) NOTIFY ARCHITECT OF ANY ISSUES PRIOR TO DRILLING. PROVIDE X-RAY OR SONAR SCANS AS REQUIRED.
I. DASHED LINES INDICATE OVERHEAD ITEMS ABOVE. REFERENCE REFLECTED CEILING PLAN AND ROOF PLANS.
J. COORDINATE ALL BRACING LOCATIONS WITH STRUCTURAL DRAWINGS TO BE PROVIDED AT A LATER DATE. NOTIFY ARCHITECT OF ANY ISSUES.
K. COORDINATE ELEVATOR REQUIREMENTS, INCLUDING PIT DIMENSIONS AND SLAB OPENING WITH MANUFACTURER, MECHANICAL, ELECTRIC, PLUMBING, AND FIRE PROTECTION AND STRUCTURAL. NOTIFY ARCHITECT OF ANY ISSUES.
L. DIMENSIONS ARE TO FINISH FACE OF WALLS, COLUMN GRIDS AND OUTSIDE FACE OF STOREFRONT FRAMING.
M. VERIFY ALL DIMENSIONS INDICATED AS "FIELD VERIFY" OR "FV" ON THE DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY ISSUES TO ARCHITECT.
N. AT ALL STOREFRONT LOCATIONS PROVIDE BLOCKING AND SHIMS AS REQUIRED. PROVIDE SEALANT AND BACKER ROD, BOTH SIDES, ALL AROUND. SEALANT COLOR PER ARCHITECT
O. IF REQUIRED BY AUTHORITY HOLDING JURISDICTION, PROVIDE CODE AND ADA COMPLIANT SIGNAGE AT ALL PUBLIC RESTROOMS AND SERVICE ROOMS THROUGHOUT (JANITOR CLOSET, DATA, ELECTRICAL). SIGNAGE SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER AND INSTALLATION.
P. ALL FURNITURE INDICATED IS FOR REFERENCE ONLY, UNLESS NOTED OTHERWISE.
Q. ALL APPLIANCES ARE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE. CONSULT MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR REQUIREMENTS. PROVIDE CONCEALED, MOISTURE-RESISTANT OR FIRE-TREATED BLOCKING AS REQUIRED.
R. ALL COLORS AND LOCATIONS OF WALL MOUNTED ELECTRICAL DEVICES, COVER PLATES, SPRINKLER HEAD COVERS, ETC. SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER AND INSTALLATION.
S. COORDINATE ALL PRIMARY & OVERFLOW STORM DRAIN DROPS WITH PLUMBING AND ARCHITECTURAL DRAWINGS.
T. PROVIDE FIRE EXTINGUISHERS AND CABINETS AS INDICATED ON DRAWINGS. FINAL LOCATIONS SHALL BE COORDINATED WITH AUTHORITY HOLDING JURISDICTION. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
U. ALL BLOCKING WITHIN RATED WALLS SHALL BE FIRE RESISTANT PER UNDERWRITERS LABORATORIES INC ASSEMBLIES.
V. COORDINATE ELECTRICAL DEVICE LOCATIONS WITH FURNITURE LAYOUT AS DIRECTED BY ARCHITECT PRIOR TO INSTALLATION OF ELECTRICAL DEVICES.
W. ALL LOCATIONS AND ALIGNMENTS OF CEILING MOUNTED DEVICES / ELEMENTS NEEDS TO BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
X. NO PENETRATIONS OR OPENINGS ALLOWED IN SHAFT WALLS UNLESS THEY EXPRESSLY SERVE THE SHAFT.
Y. PROVIDE NON-COMBUSTIBLE MATERIALS IN RETURN PLENUMS (WALLS AND SOFFIT).
Z. ALL FRAMING SHALL METAL STUDS, UNLESS NOTED OTHERWISE. REFERENCE STRUCTURAL DRAWINGS.
AA. ALL FINISHES (TILE, CEILINGS, CARPET, ETC.) STARTING & STOPPING POINTS TO BE DETERMINED BY ARCHITECT IN FIELD.
BB. ALL CONCRETE FLOOR SLABS TO REMAIN, UNLESS NOTED OTHERWISE. PATCH, REPAIR FOR NEW TOPPING SLAB AND FINISH.
CC. MAINTAIN ALL REQUIRED FIRE RATINGS AT WALLS, DOORS, STAIRWELLS, CEILING AND FLOOR ASSEMBLIES WHERE OCCURS.

INDICATES EXISTING TO REMAIN CONSTRUCTION / NOT IN SCOPE, UNLESS NOTED OTHERWISE.

INDICATES NEW CONSTRUCTION SCOPE.

LEVEL 01 FLOOR PLAN
1/8" = 1'-0"
A05

FLR PLAN GEN NOTES
A01

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Contact: Kelby Ewert

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WICHITA, KS 67202

PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

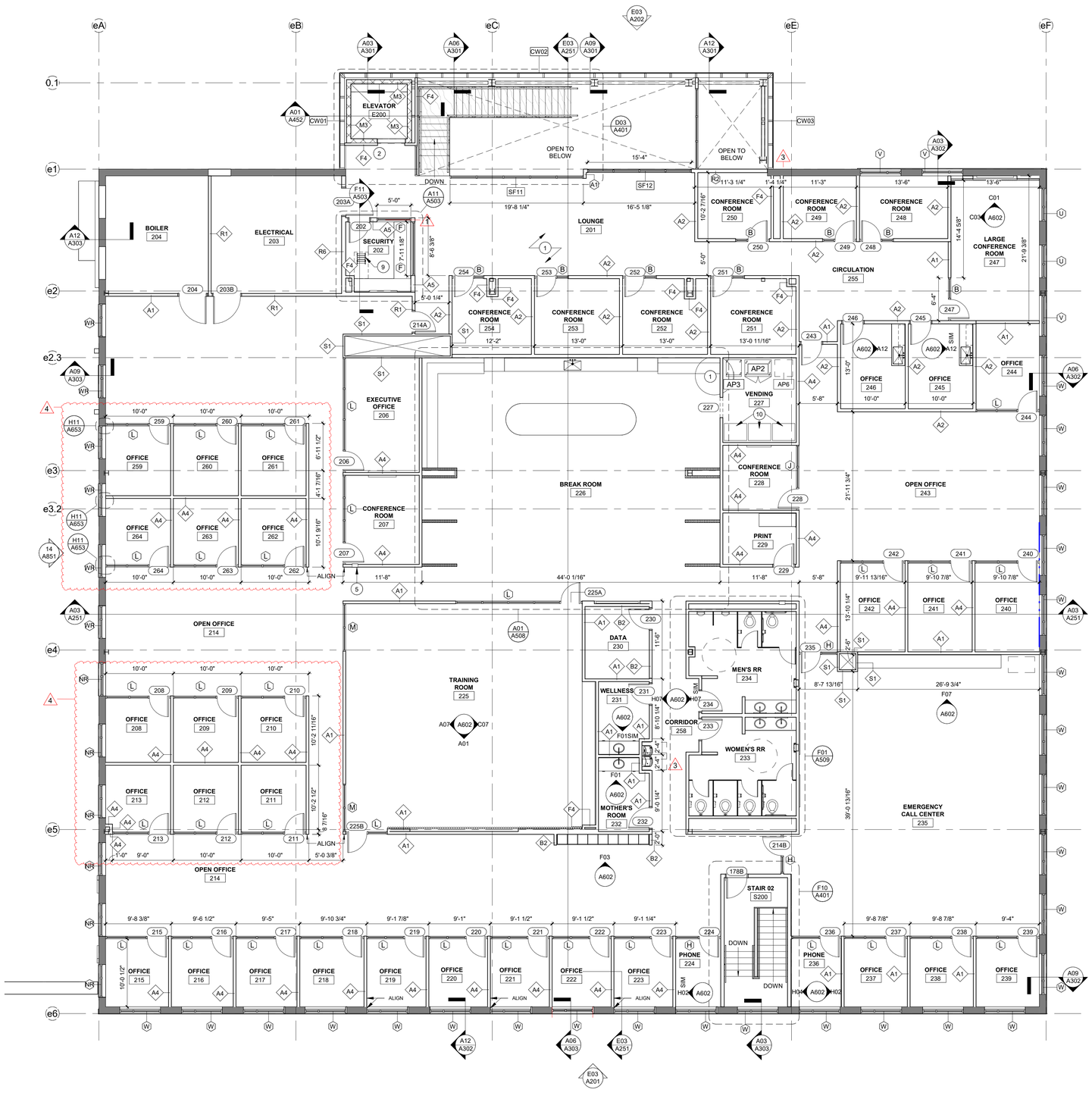
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4	ADDENDUM 3	07/28/2025
5	ADDENDUM 4	07/28/2025

LEVEL 01
FLOOR PLAN

A101

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CC. MAINTAIN ALL REQUIRED FIRE RATINGS AT WALLS, DOORS, STAIRWELLS, CEILING AND FLOOR ASSEMBLIES WHERE OCCURS.

INDICATES EXISTING TO REMAIN CONSTRUCTION / NOT IN SCOPE, UNLESS NOTED OTHERWISE.

INDICATES NEW CONSTRUCTION SCOPE.

LEVEL 02 FLOOR PLAN
1/8" = 1'-0"

A03

FLR PLAN GEN NOTES

A01

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PROJECT NO.	24001.01
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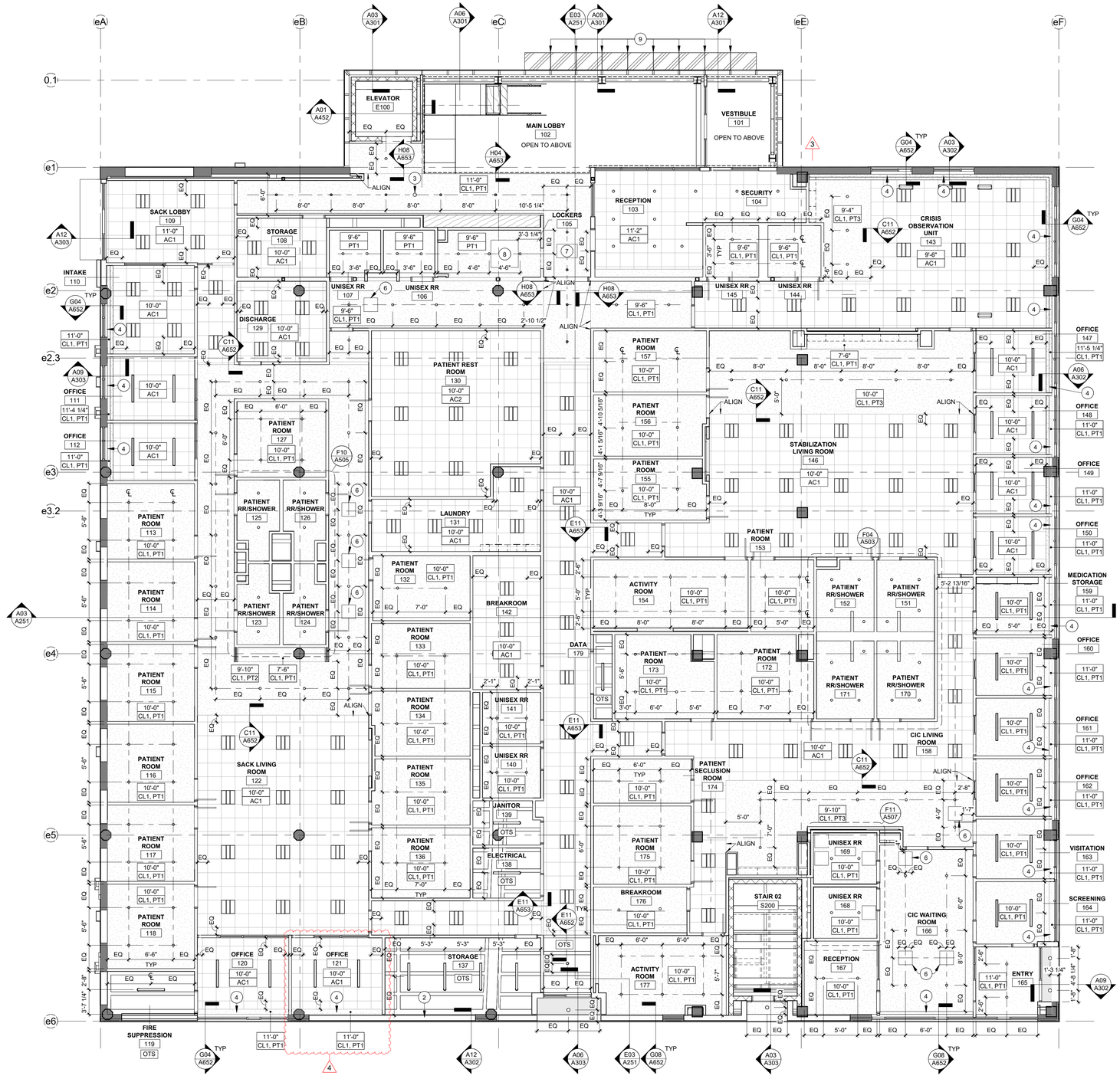
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3	ADDENDUM 2	07/03/2025
4	ADDENDUM 3	07/28/2025
5	ADDENDUM 4	07/28/2025

LEVEL 02
FLOOR PLAN

A102

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KEYED NOTES - REFLECTED CEILING PLAN

1. OPEN TO STRUCTURE. EXISTING TO REMAIN.
2. CAN LIGHT TO ALIGN WITH WALL SCONCE BELOW.
3. SPEAKERS, ALIGN WITH LIGHTING
4. RS1 ROLLER SHADE, RE: FINISH LEGEND
5. RS2 ROLLER SHADE, RE: FINISH LEGEND
6. ACCESS PANEL, 24" x 24
7. ACCESS PANEL, 24" x 36
8. ACCESS PANEL, 48" x 48
9. CANOPY PANELS JOINTS TO ALIGN W/ C.L. OF VERTICAL MULLIONS
10. GYP CEILING ACCESS PANEL AND RETRACTABLE LADDER
    10 PROVIDE 5/8" TYPE X GYPSUM BOARD TO UNDERSIDE OF EXISTING WOOD TRUSSES IN ORDER TO ENCLOSE PLENUM SPACE IN GRAY HATCHED AREA SHOWN.

A. DURING BIDDING / PRICING PHASE, GENERAL CONTRACTOR SHALL DETERMINE AVAILABILITY OF ALL MATERIALS. ANY DELIVERY SCHEDULE THAT MAY CAUSE COORDINATION PROBLEMS SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER.
B. COORDINATE SECURITY, INFORMATION TECHNOLOGY & AUDIO/VISUAL REQUIREMENTS WITH OWNER. PROVIDE CONDUIT AND PULL STRING AS NEEDED.
C. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
D. ADD HORIZONTAL CONTROL JOINTS @ 30' ON-CENTER IN NEW GYPSUM BOARD CEILINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. WHERE CONTROL JOINTS OCCUR AT FIRE-RATED ASSEMBLIES, PROVIDE FIRE-RATED CONTROL JOINTS.
E. ALL FLOOR PENETRATION LOCATIONS SHALL BE COORDINATED AND FIELD VERIFIED FOR STRUCTURAL AND MECHANICAL, ELECTRIC, PLUMBING, AND FIRE PROTECTION FOR ELEMENTS INCLUDING ITEMS LOCATED ON FLOORS ABOVE & BELOW CONCEALED WORK (EMBEDS, REBAR, ETC.) NOTIFY ARCHITECT OF ANY ISSUES PRIOR TO DRILLING. PROVIDE X-RAY OR SONAR SCANS AS REQUIRED.
F. REFERENCE FLOOR, WALL AND CEILING TYPES FOR ADDITIONAL INFORMATION.
G. REFERENCE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
H. VERIFY ALL DIMENSIONS INDICATED AS "FIELD VERIFY" OR "FV" ON THE DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY ISSUES TO ARCHITECT.
I. COORDINATE ALL PRIMARY AND OVERFLOW STORM DRAIN DROPS WITH PLUMBING AND ARCH DRAWINGS.
J. ALL BLOCKING WITHIN RATED CEILINGS SHALL BE FIRE RESISTANT PER UNDERWRITERS LABORATORIES INC ASSEMBLIES.
K. NO PENETRATIONS OR OPENINGS ALLOWED IN SHAFT WALLS UNLESS THEY EXPRESSLY SERVE THE SHAFT.
L. PROVIDE NON-COMBUSTIBLE MATERIALS IN RETURN PLENUMS (WALLS AND SOFFIT).
M. ALL FINISHES (TILE, CEILINGS, CARPET, ETC.) STARTING & STOPPING POINTS TO BE DETERMINED BY ARCHITECT IN FIELD.
N. MAINTAIN ALL REQUIRED FIRE RATINGS AT WALLS, DOORS, STAIRWELLS, CEILING AND FLOOR ASSEMBLIES WHERE OCCURS.
O. 'OTS' = OPEN TO STRUCTURE. PAINT PER SCHEDULE.
P. ALL WIRING AND CABLING TO BE IN HARD CONDUIT IN AREAS EXPOSED TO STRUCTURE. METAL CLAD CABLING NOT ACCEPTABLE.
Q. PROVIDE ACOUSTICAL BATT INSULATION ABOVE ALL BEDROOMS, BATHROOMS, CONFERENCE ROOMS AND OFFICES (WHERE OCCURS) HARD LID CEILINGS.
R. ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED PER SCHEDULE.
S. ACCESS SHALL BE PROVIDED FOR INSTALLATION AND MAINTENANCE OF ABOVE CEILING ELEMENTS. LOCATIONS AND TYPES OF ACCESS PANELS SHALL BE COORDINATED WITH OTHER TRADES AND REVIEWED BY THE ARCHITECT PRIOR TO ORDER AND INSTALLATION.
T. SUBMIT A FULLY COORDINATED AND DIMENSIONED REFLECTED CEILING PLAN INDICATING THE PLACEMENT OF ALL LIGHT FIXTURES, SPEAKERS, FIRE LIFE SAFETY ELEMENTS, ETC. WHETHER INDICATED OR NOT FOR ARCHITECT'S REVIEW. PROVIDE SHOP DRAWINGS SHOWING SPECIFIC, DIMENSIONED LOCATIONS OF EACH ITEM.
U. ALL LOCATIONS AND ALIGNMENTS OF CEILING MOUNTED DEVICES / ELEMENTS NEEDS TO BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
V. ALL LIGHT FIXTURE DIMENSIONS ARE TO THE CENTERLINE, UNLESS NOTED OTHERWISE.
W. REMOVE ALL MANUFACTURER TAGS FROM FIXTURES. DO NOT REMOVE UNDERWRITERS LABORATORIES INC LABELS.
X. PROVIDE EXIT SIGNS PER ELECTRICAL AND AUTHORITY HOLDING JURISDICTION. ALIGNMENT TO BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION.
Y. ALL SPRINKLER HEADS SHALL BE CONCEALED TYPE WITHIN HARD LID CEILINGS. COORDINATE COLOR AND LOCATION WITH ARCHITECT PRIOR TO ORDER AND INSTALLATION.
Z. CONTACT ARCHITECT IF THERE IS A DISCREPANCY BETWEEN ELECTRICAL LIGHTING PLAN AND ARCHITECTURAL REFLECTED CEILING PLAN.
AA. ALL COLORS OF CEILING MOUNTED ELECTRICAL DEVICES, COVER PLATES, SPRINKLER HEAD COVERS, ETC. SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER AND INSTALLATION. ALL LIGHTS SHALL BE ACCESSIBLE FOR MAINTENANCE. NOTIFY ARCHITECT OF ANY ISSUES PRIOR TO ORDER AND INSTALLATION.
BB. ALL PENDANT FIXTURE MOUNTING HEIGHTS SHALL BE DETERMINED ON SITE BY THE ARCHITECT. FIXTURE MUST BE A WORKING MOCK-UP TO DETERMINE FINAL MOUNTING HT.
CC. REFER TO ELECTRICAL FOR ALL FIXTURE AND LAMPING SPECIFICATIONS.
DD. ALL PIPING, DUCTING, CONDUIT, FIRE PROTECTION PIPES, ETC. RUNS / LOCATIONS IN EXPOSED CEILINGS SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALL. ALL NEW & EXISTING PIPES, CONDUITS, DUCTWORK TO BE PAINTED. COLOR PER ARCHITECT.
EE. CORRIDOR LIGHT FIXTURES SHALL BE CENTERED IN CORRIDOR AND ALIGNED PER ARCHITECT PRIOR TO INSTALLATION.
FF. MOUNTING HEIGHT OF ALL EXPOSED DUCTWORK SHALL BE CONFIRMED WITH ARCHITECT IN FIELD PRIOR TO INSTALLATION.
GG. AT ALL LIGHT COVES (WHERE OCCURS) THERE SHALL BE NO VISIBLE OR SHADOW CASTING CONDUIT, DUCTING, PIPING, DEVICES, ETC. LOCATED WITHIN THEM.
HH. ALL NEW CEILING DIFFUSER/ RETURN GRILLE LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION. COLOR PER ARCHITECT.
II. ONLY NEW SWITCHING AND ELECTRICAL OUTLETS SHOWN IN ARCHITECTURAL REFLECTED CEILING PLAN. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION / RELOCATION OF ELECTRICAL DEVICES. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION.

SPRINKLER SHOP DRAWING NOTES:
A. PRIOR TO SUBMITTING ENGINEERED SPRINKLER SHOP DRAWING TO THE AUTHORITY HOLDING JURISDICTION FOR REVIEW & APPROVAL COORDINATE ALL SPRINKLER HEAD LOCATIONS WITH ARCHITECT.

INDICATES EXISTING TO REMAIN
CONSTRUCTION / NOT IN SCOPE, UNLESS NOTED OTHERWISE.

INDICATES NEW CONSTRUCTION SCOPE.

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1/8" = 1'-0"

A03

RCP GEN NOTES

A01

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COMMUNITY CRISIS CENTER

235 S TOPEKA AVENUE
WICHITA, KS 67202

PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

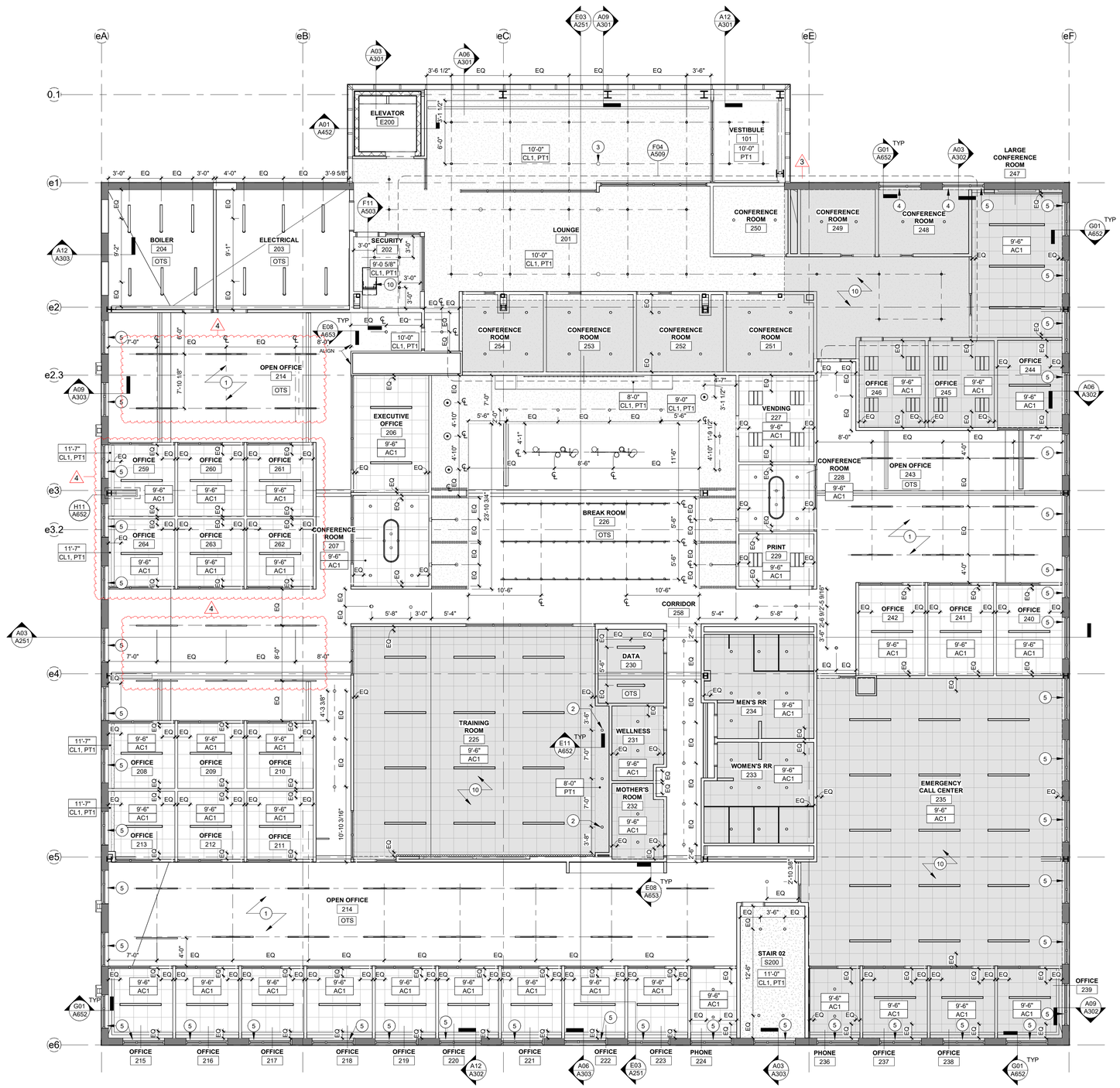
NO.	REVISION	DATE:
3	ADDENDUM 2	07/03/2025
4	ADDENDUM 3	07/28/2025

LEVEL 01 REFLECTED CEILING PLAN
A151

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KEYED NOTES - REFLECTED CEILING PLAN

1. OPEN TO STRUCTURE. EXISTING TO REMAIN.
2. CAN LIGHT TO ALIGN WITH WALL SCONCE BELOW.
3. SPEAKERS, ALIGN WITH LIGHTING
4. RS1 ROLLER SHADE, RE: FINISH LEGEND
5. RS2 ROLLER SHADE, RE: FINISH LEGEND
6. ACCESS PANEL, 24" x 24
7. ACCESS PANEL, 24" x 36
8. ACCESS PANEL, 48" x 48
9. CANOPY PANELS JOINTS TO ALIGN W/ C.L. OF VERTICAL MULLIONS
10. GYP CEILING ACCESS PANEL AND RETRACTABLE LADDER
    10 PROVIDE 5/8" TYPE X GYPSUM BOARD TO UNDERSIDE OF EXISTING WOOD TRUSSES IN ORDER TO ENCLOSE PLENUM SPACE IN GRAY HATCHED AREA SHOWN.

A. DURING BIDDING / PRICING PHASE, GENERAL CONTRACTOR SHALL DETERMINE AVAILABILITY OF ALL MATERIALS. ANY DELIVERY SCHEDULE THAT MAY CAUSE COORDINATION PROBLEMS SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER.
B. COORDINATE SECURITY, INFORMATION TECHNOLOGY & AUDIO/VISUAL REQUIREMENTS WITH OWNER. PROVIDE CONDUIT AND PULL STRING AS NEEDED.
C. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
D. ADD HORIZONTAL CONTROL JOINTS @ 30' ON-CENTER IN NEW GYPSUM BOARD CEILINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. WHERE CONTROL JOINTS OCCUR AT FIRE-RATED ASSEMBLIES, PROVIDE FIRE-RATED CONTROL JOINTS.
E. ALL FLOOR PENETRATION LOCATIONS SHALL BE COORDINATED AND FIELD VERIFIED FOR STRUCTURAL AND MECHANICAL, ELECTRIC, PLUMBING, AND FIRE PROTECTION FOR ELEMENTS INCLUDING ITEMS LOCATED ON FLOORS ABOVE & BELOW CONCEALED WORK (EMBEDS, REBAR, ETC.) NOTIFY ARCHITECT OF ANY ISSUES PRIOR TO DRILLING. PROVIDE X-RAY OR SONAR SCANS AS REQUIRED.
F. REFERENCE FLOOR, WALL AND CEILING TYPES FOR ADDITIONAL INFORMATION.
G. REFERENCE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
H. VERIFY ALL DIMENSIONS INDICATED AS "FIELD VERIFY" OR "FV" ON THE DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY ISSUES TO ARCHITECT.
I. COORDINATE ALL PRIMARY AND OVERFLOW STORM DRAIN DROPS WITH PLUMBING AND ARCH DRAWINGS.
J. ALL BLOCKING WITHIN RATED CEILINGS SHALL BE FIRE RESISTANT PER UNDERWRITERS LABORATORIES INC ASSEMBLIES.
K. NO PENETRATIONS OR OPENINGS ALLOWED IN SHAFT WALLS UNLESS THEY EXPRESSLY SERVE THE SHAFT.
L. PROVIDE NON-COMBUSTIBLE MATERIALS IN RETURN PLENUMS (WALLS AND SOFFIT).
M. ALL FINISHES (TILE, CEILINGS, CARPET, ETC.) STARTING & STOPPING POINTS TO BE DETERMINED BY ARCHITECT IN FIELD.
N. MAINTAIN ALL REQUIRED FIRE RATINGS AT WALLS, DOORS, STAIRWELLS, CEILING AND FLOOR ASSEMBLIES WHERE OCCURS.
O. 'OTS' = OPEN TO STRUCTURE. PAINT PER SCHEDULE.
P. ALL WIRING AND CABLING TO BE IN HARD CONDUIT IN AREAS EXPOSED TO STRUCTURE. METAL CLAD CABLING NOT ACCEPTABLE.
Q. PROVIDE ACOUSTICAL BATT INSULATION ABOVE ALL BEDROOMS, BATHROOMS, CONFERENCE ROOMS AND OFFICES (WHERE OCCURS) HARD LID CEILINGS.
R. ALL GYPSUM BOARD SOFFITS SHALL BE PAINTED PER SCHEDULE.
S. ACCESS SHALL BE PROVIDED FOR INSTALLATION AND MAINTENANCE OF ABOVE CEILING ELEMENTS. LOCATIONS AND TYPES OF ACCESS PANELS SHALL BE COORDINATED WITH OTHER TRADES AND REVIEWED BY THE ARCHITECT PRIOR TO ORDER AND INSTALLATION.
T. SUBMIT A FULLY COORDINATED AND DIMENSIONED REFLECTED CEILING PLAN INDICATING THE PLACEMENT OF ALL LIGHT FIXTURES, SPEAKERS, FIRE LIFE SAFETY ELEMENTS, ETC. WHETHER INDICATED OR NOT FOR ARCHITECT'S REVIEW. PROVIDE SHOP DRAWINGS SHOWING SPECIFIC, DIMENSIONED LOCATIONS OF EACH ITEM.
U. ALL LOCATIONS AND ALIGNMENTS OF CEILING MOUNTED DEVICES / ELEMENTS NEEDS TO BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
V. ALL LIGHT FIXTURE DIMENSIONS ARE TO THE CENTERLINE, UNLESS NOTED OTHERWISE.
W. REMOVE ALL MANUFACTURER TAGS FROM FIXTURES. DO NOT REMOVE UNDERWRITERS LABORATORIES INC LABELS.
X. PROVIDE EXIT SIGNS PER ELECTRICAL AND AUTHORITY HOLDING JURISDICTION. ALIGNMENT TO BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION.
Y. ALL SPRINKLER HEADS SHALL BE CONCEALED TYPE WITHIN HARD LID CEILINGS. COORDINATE COLOR AND LOCATION WITH ARCHITECT PRIOR TO ORDER AND INSTALLATION.
Z. CONTACT ARCHITECT IF THERE IS A DISCREPANCY BETWEEN ELECTRICAL LIGHTING PLAN AND ARCHITECTURAL REFLECTED CEILING PLAN.
AA. ALL COLORS OF CEILING MOUNTED ELECTRICAL DEVICES, COVER PLATES, SPRINKLER HEAD COVERS, ETC. SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER AND INSTALLATION. ALL LIGHTS SHALL BE ACCESSIBLE FOR MAINTENANCE. NOTIFY ARCHITECT OF ANY ISSUES PRIOR TO ORDER AND INSTALLATION.
BB. ALL PENDANT FIXTURE MOUNTING HEIGHTS SHALL BE DETERMINED ON SITE BY THE ARCHITECT. FIXTURE MUST BE A WORKING MOCK-UP TO DETERMINE FINAL MOUNTING HT.
CC. REFER TO ELECTRICAL FOR ALL FIXTURE AND LAMPING SPECIFICATIONS.
DD. ALL PIPING, DUCTING, CONDUIT, FIRE PROTECTION PIPES, ETC. RUNS / LOCATIONS IN EXPOSED CEILINGS SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO INSTALL. ALL NEW & EXISTING PIPES, CONDUITS, DUCTWORK TO BE PAINTED. COLOR PER ARCHITECT.
EE. CORRIDOR LIGHT FIXTURES SHALL BE CENTERED IN CORRIDOR AND ALIGNED PER ARCHITECT PRIOR TO INSTALLATION.
FF. MOUNTING HEIGHT OF ALL EXPOSED DUCTWORK SHALL BE CONFIRMED WITH ARCHITECT IN FIELD PRIOR TO INSTALLATION.
GG. AT ALL LIGHT COVES (WHERE OCCURS) THERE SHALL BE NO VISIBLE OR SHADOW CASTING CONDUIT, DUCTING, PIPING, DEVICES, ETC. LOCATED WITHIN THEM.
HH. ALL NEW CEILING DIFFUSER/ RETURN GRILLE LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION. COLOR PER ARCHITECT.
II. ONLY NEW SWITCHING AND ELECTRICAL OUTLETS SHOWN IN ARCHITECTURAL REFLECTED CEILING PLAN. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION / RELOCATION OF ELECTRICAL DEVICES. COORDINATE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO INSTALLATION.

SPRINKLER SHOP DRAWING NOTES:
A. PRIOR TO SUBMITTING ENGINEERED SPRINKLER SHOP DRAWING TO THE AUTHORITY HOLDING JURISDICTION FOR REVIEW & APPROVAL COORDINATE ALL SPRINKLER HEAD LOCATIONS WITH ARCHITECT.

INDICATES EXISTING TO REMAIN CONSTRUCTION / NOT IN SCOPE, UNLESS NOTED OTHERWISE.

INDICATES NEW CONSTRUCTION SCOPE.

N

LEVEL 02 REFLECTED CEILING PLAN
1/8" = 1'-0"
A03

RCP GEN NOTES
A01

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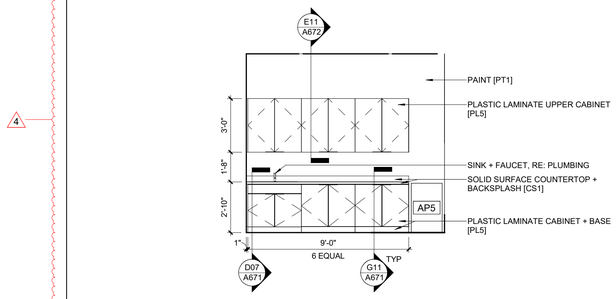
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LEVEL 02 REFLECTED CEILING PLAN
A152

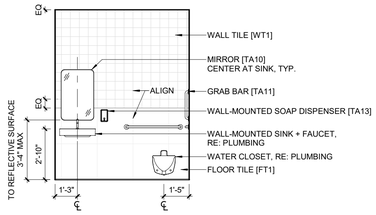
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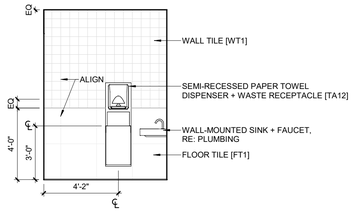
ELEVATION - MEDICATION STORAGE H08

1/4" = 1'-0"



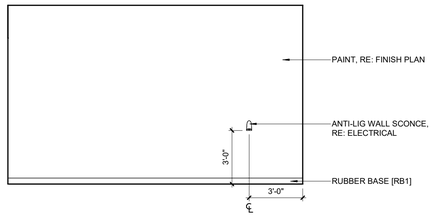
ELEVATION - SINGLE RR H05

1/4" = 1'-0"



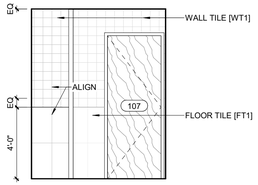
ELEVATION - SINGLE RR H02

1/4" = 1'-0"



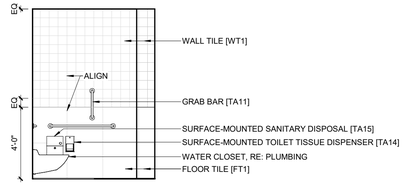
ELEVATION - PATIENT ROOM - TYP. E08

1/4" = 1'-0"



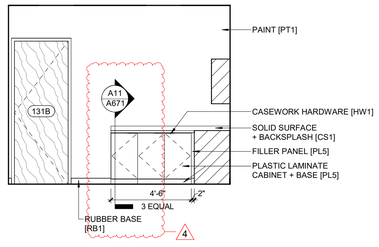
ELEVATION - SINGLE RR E05

1/4" = 1'-0"



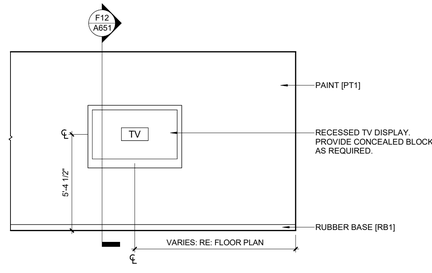
ELEVATION - SINGLE RR E01

1/4" = 1'-0"



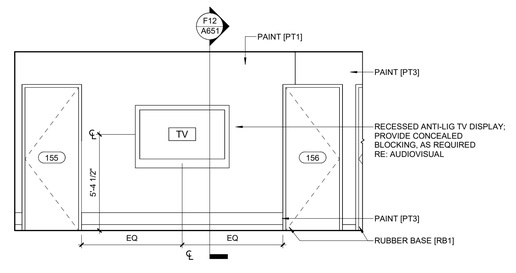
ELEVATION - LAUNDRY C08

1/4" = 1'-0"



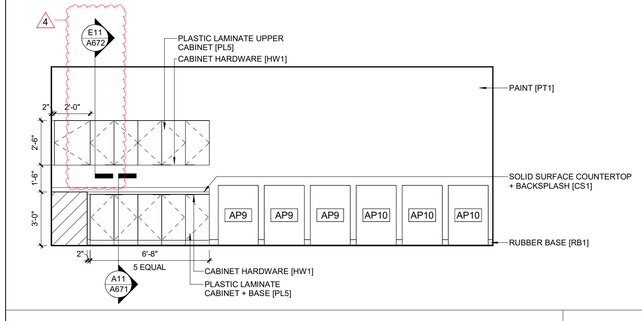
ELEVATION - ACTIVITY ROOM TV - TYP C05

1/4" = 1'-0"



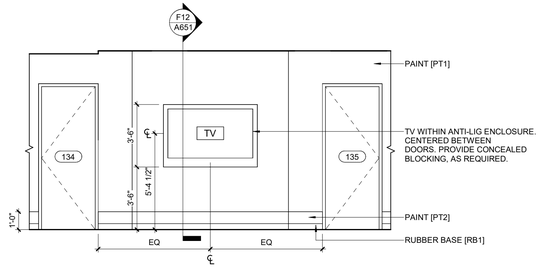
ELEVATION - STABILIZATION TV C01

1/4" = 1'-0"



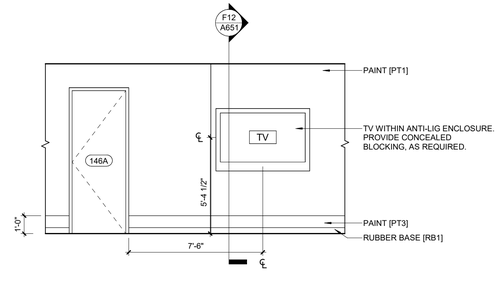
ELEVATION - LAUNDRY A08

1/4" = 1'-0"



ELEVATION - SACK TV A05

1/4" = 1'-0"



ELEVATION - COU TV A01

1/4" = 1'-0"

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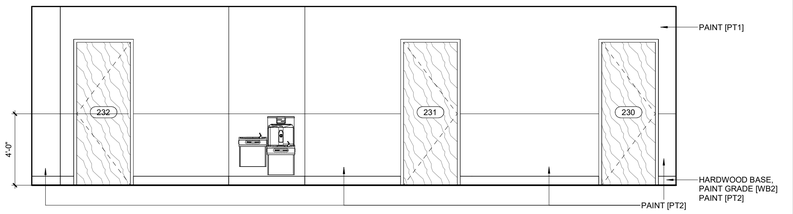
INTERIOR ELEVATIONS

A601

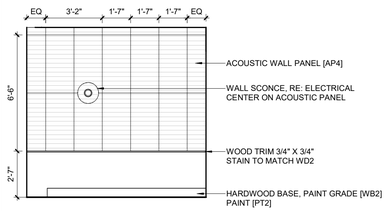
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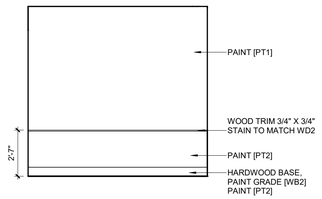
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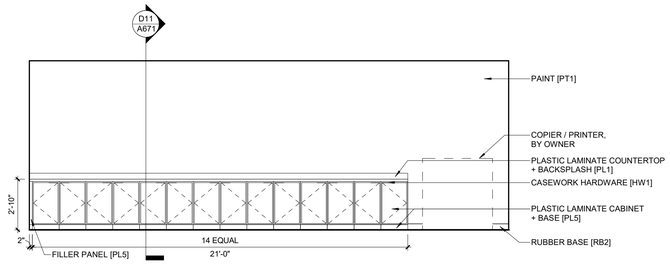
INTERIOR ELEVATION - LEVEL 02 RR CORRIDOR — H07
1/4" = 1'-0"



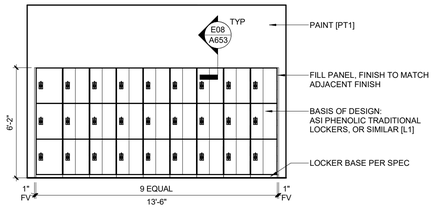
EL - PHONE ROOM — H04
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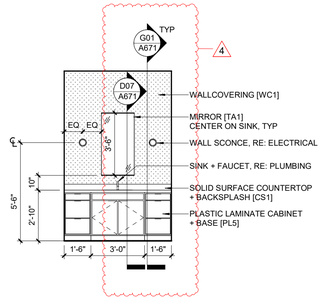
EL - PHONE ROOM — H02
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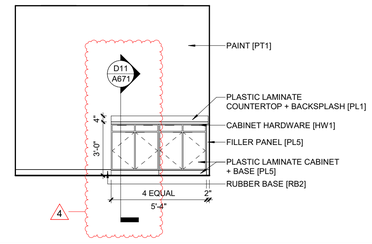
ELEVATION - EMERGENCY CALL CENTER — F07
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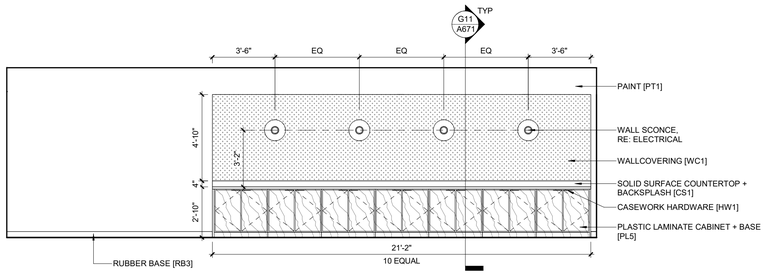
EL - LEVEL 02 LOCKERS — F03
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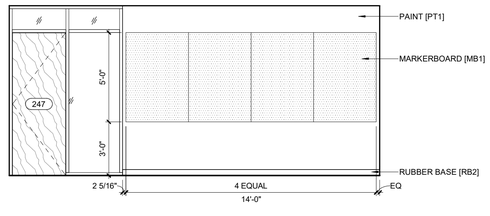
EL - MOTHER'S ROOM — F01
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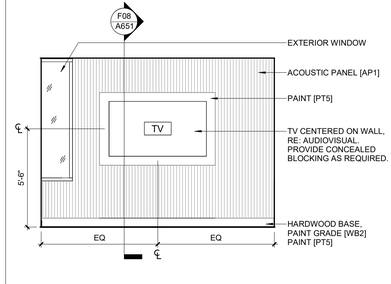
ELEVATION - PRINT ROOM — C12
1/4" = 1'-0"



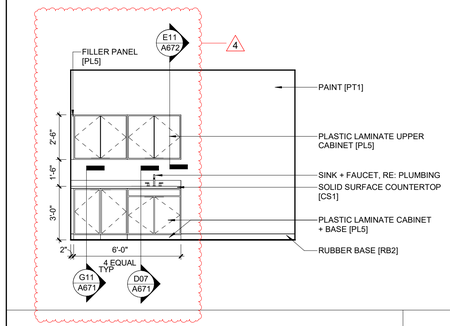
ELEVATION - TRAINING ROOM — C07
1/4" = 1'-0"



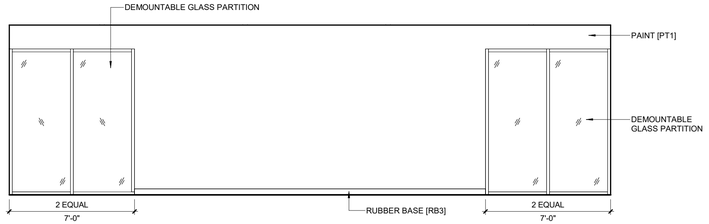
ELEVATION - CONFERENCE ROOM — C03
1/4" = 1'-0"



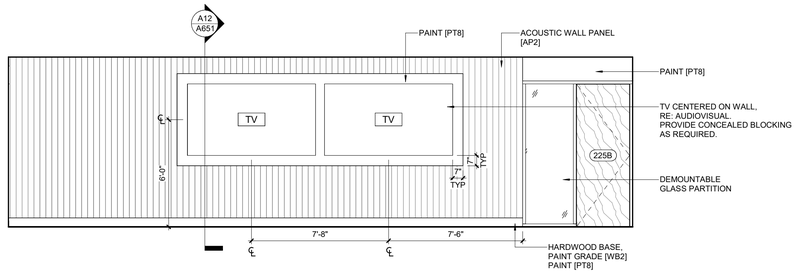
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1/4" = 1'-0"



EL - PATIENT CONSULT — A12
1/4" = 1'-0"



ELEVATION - TRAINING ROOM — A07
1/4" = 1'-0"



ELEVATION - TRAINING ROOM — A01
1/4" = 1'-0"

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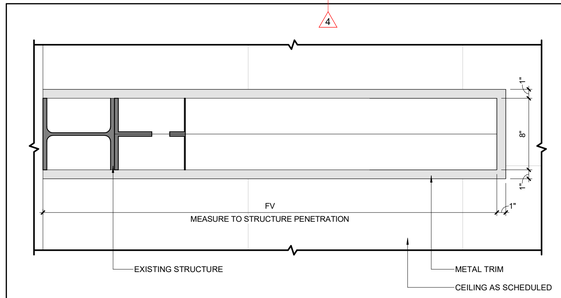
INTERIOR ELEVATIONS

A602

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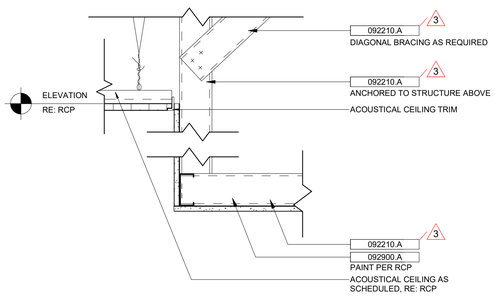
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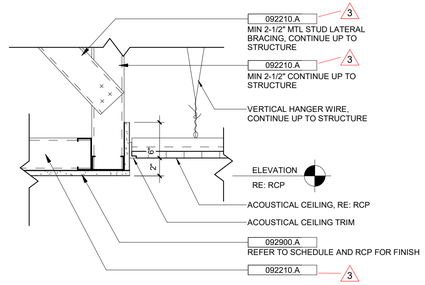
CEILING DETAIL - METAL TRIM AT ACT — H11

1 1/2" = 1'-0"



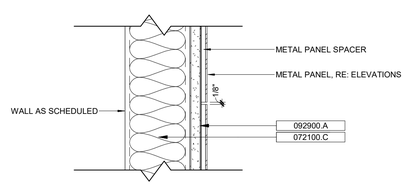
CEILING DETAIL - SOFFIT GYP/ACT — E11

1 1/2" = 1'-0"



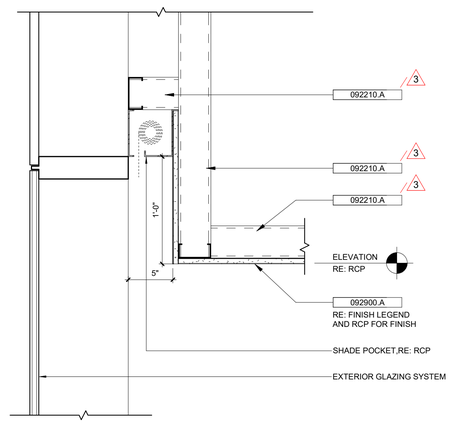
CEILING DETAIL - ACT / GYP — C11

1 1/2" = 1'-0"



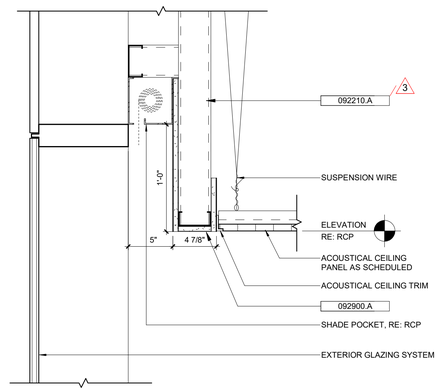
METAL PANEL REVEAL DETAIL — A11

3" = 1'-0"



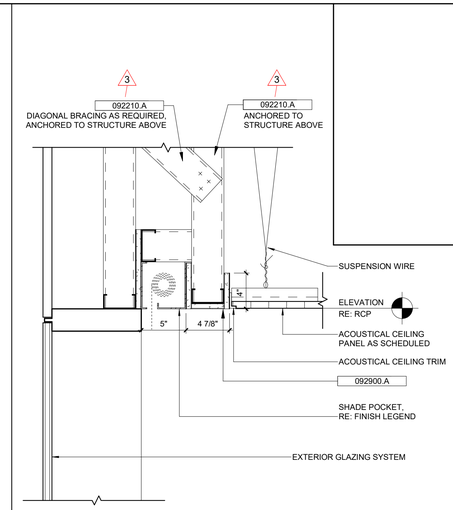
CEILING DETAIL - SHADE EXTERIOR — G08

1 1/2" = 1'-0"



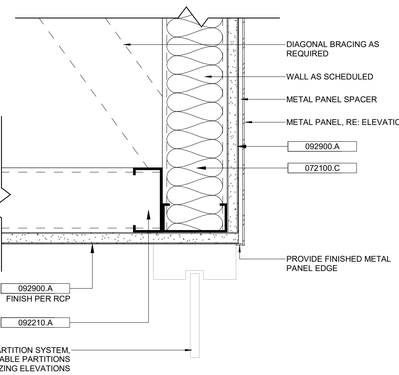
CEILING DETAIL - SHADE EXTERIOR — G04

1 1/2" = 1'-0"



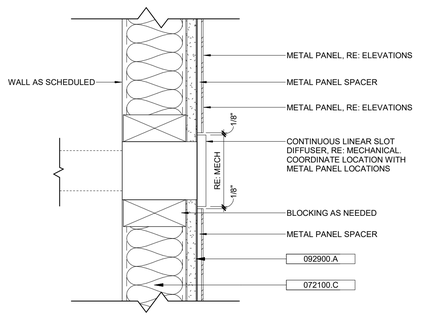
CEILING DETAIL - SHADE EXTERIOR — G01

1 1/2" = 1'-0"



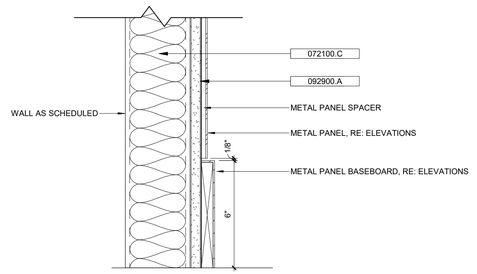
METAL PANEL AT DEMOUNTABLE — C08

3" = 1'-0"



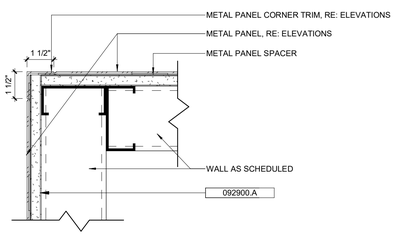
METAL PANEL DIFFUSER DETAIL — C04

3" = 1'-0"



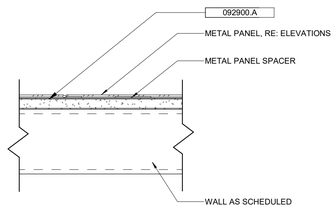
METAL PANEL FLOOR BASE DETAIL — C01

3" = 1'-0"



METAL PANEL CORNER — A08

3" = 1'-0"



METAL PANEL CONNECTION — A04

3" = 1'-0"

KEYNOTE LEGEND — A01

NUMBER	DESCRIPTION
072100.C	MINERAL-WOOL BLANKET INSULATION
092210.A	LT GA STUD/JOIST
092900.A	GYPSUM WALLBOARD (5/8" TYPE X U.N.O.)

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Contact: Kelby Ewert

COMMUNITY CRISIS CENTER

235 S TOPEKA AVENUE
WICHITA, KS 67202

PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

NO.	REVISION	DATE:
3	ADDENDUM 2	07/03/2025
4	ADDENDUM 3	07/28/2025

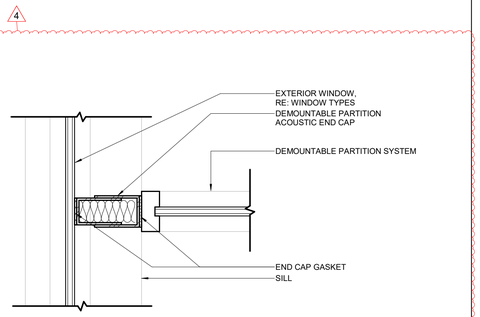
INTERIOR DETAILS

A652

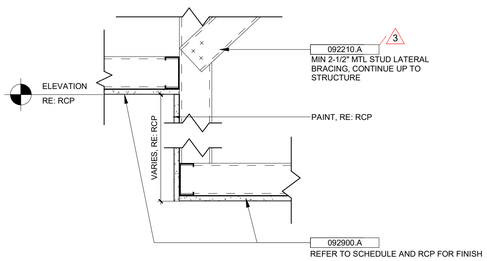
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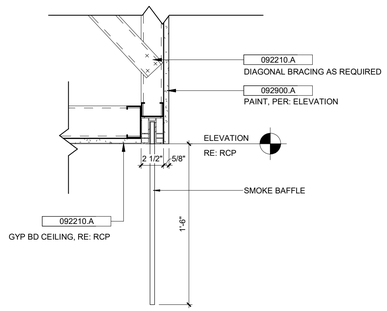
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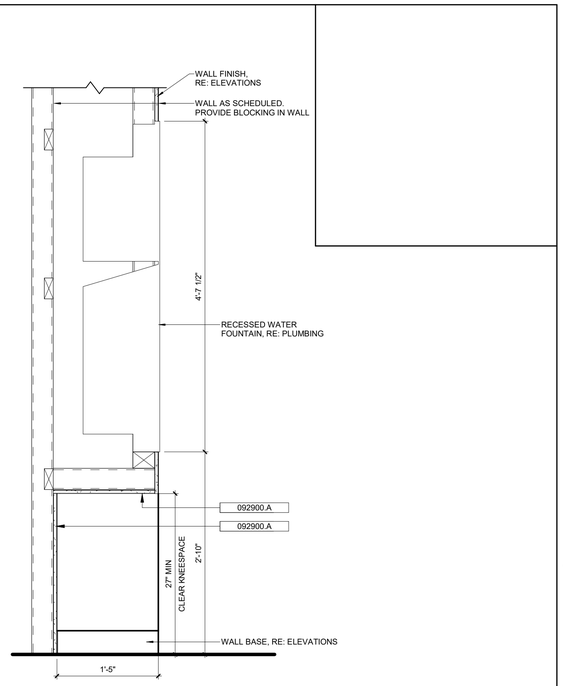
PLAN DETAIL AT WINDOWS — H11
1 1/2" = 1'-0"



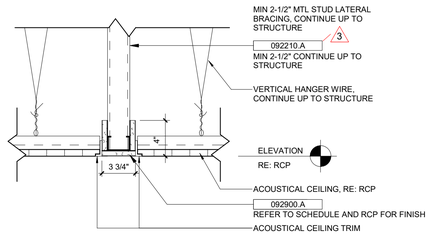
CEILING DETAIL - SOFFIT GYP / GYP — H08
1 1/2" = 1'-0"



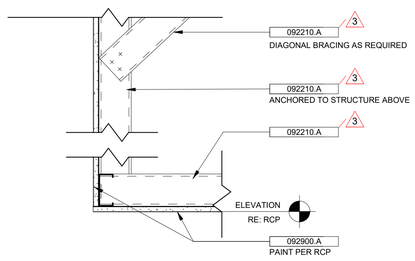
CEILING DETAIL - ACT / GYP — H04
1 1/2" = 1'-0"



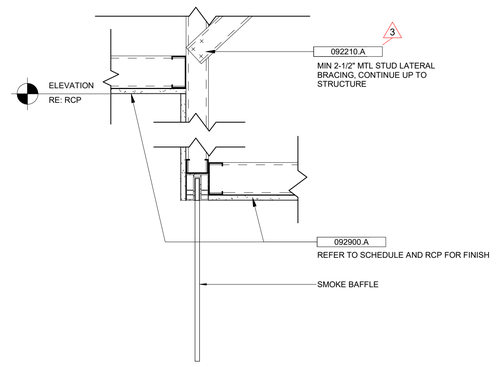
RECESSED WATER FOUNTAIN - TYP — F01
1" = 1'-0"



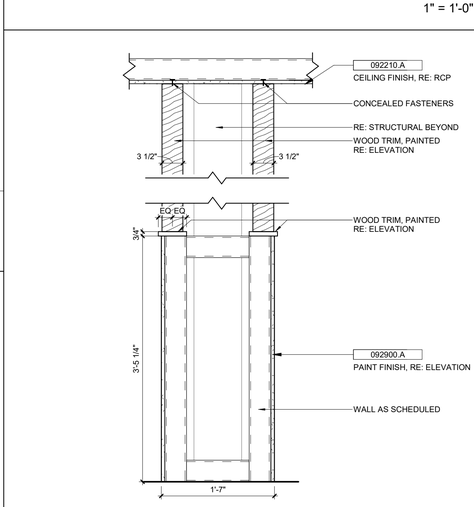
CEILING DETAIL - ACT / GYP — E11
1 1/2" = 1'-0"



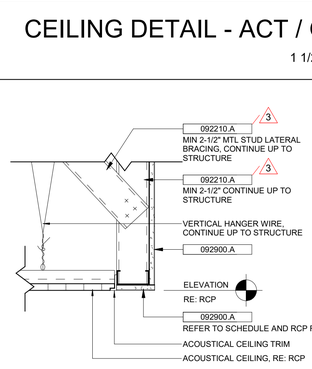
CEILING DETAIL - GYP TO EXPOSED — E08
1 1/2" = 1'-0"



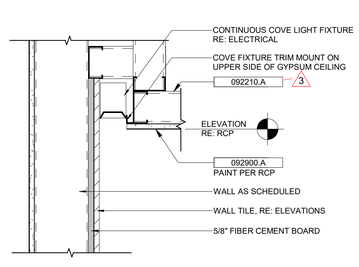
CEILING DETAIL - SOFFIT GYP/GYP — D04
1 1/2" = 1'-0"



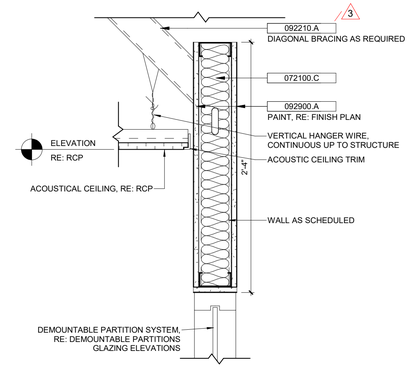
DETAIL - WORK CAFE BOOTH — B01
1" = 1'-0"



CEILING DETAIL - ACT / GYP — C11
1 1/2" = 1'-0"



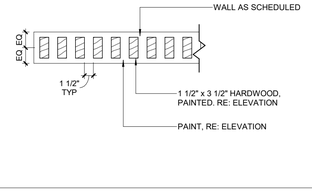
CEILING DETAIL - GYP COVE LIGHT — C08
1 1/2" = 1'-0"



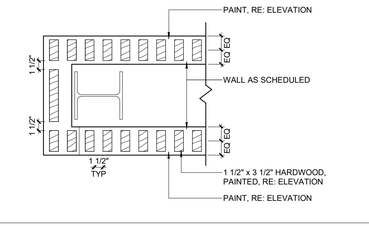
DEMOUNTABLE PARTITION - ACT — A04
1 1/2" = 1'-0"

NUMBER	DESCRIPTION
072100.C	MINERAL-WOOL BLANKET INSULATION
092210.A	LT GA STUD/JOIST
092900.A	GYPSUM WALLBOARD (5/8" TYPE X U.N.O.)

KEYNOTE LEGEND — A01



PLAN DETAIL - WORK CAFE BOOTH — A11
1" = 1'-0"



PLAN DETAIL - WORK CAFE BOOTH — A08
1" = 1'-0"

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COMMUNITY CRISIS CENTER

235 S TOPEKA AVENUE
WICHITA, KS 67202

PROJECT NO.	24001.01
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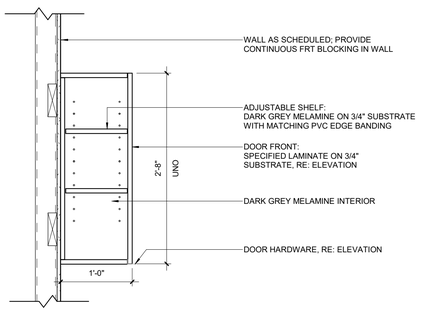
NO.	REVISION	DATE:
3	ADDENDUM 2	07/03/2025
4	ADDENDUM 3	07/28/2025

INTERIOR DETAILS

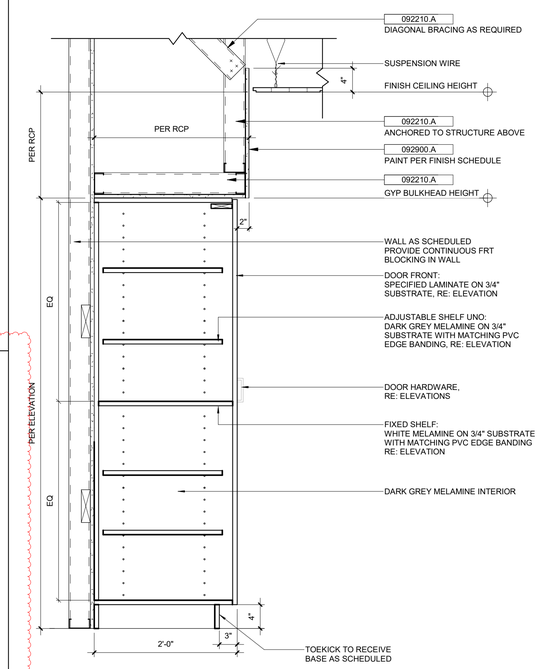
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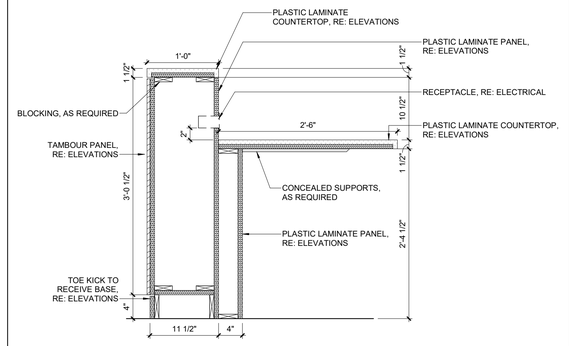
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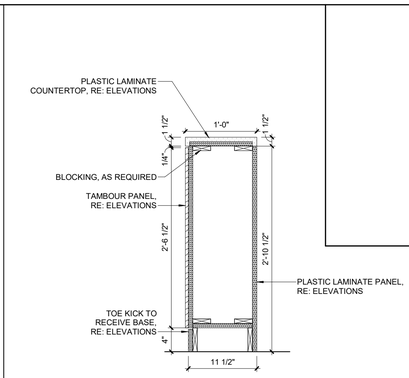
UPPER CABINET - ADJ SHELVES
1" = 1'-0" — E11



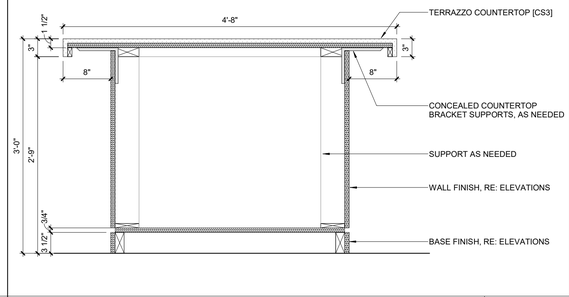
FULL HT CABINET AT GYP BULKHEAD
1" = 1'-0" — E08



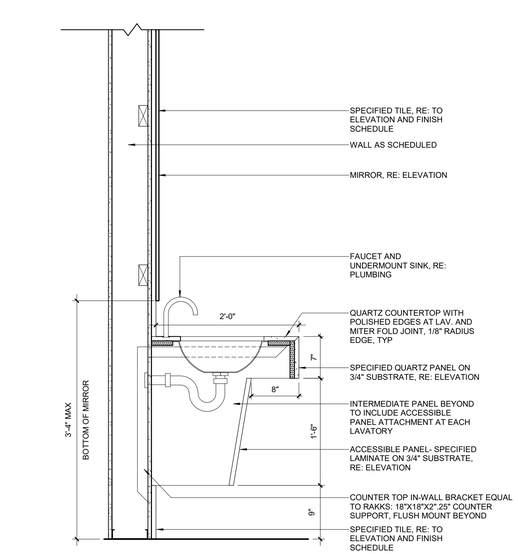
NURSE STATION CASEWORK
1" = 1'-0" — H04



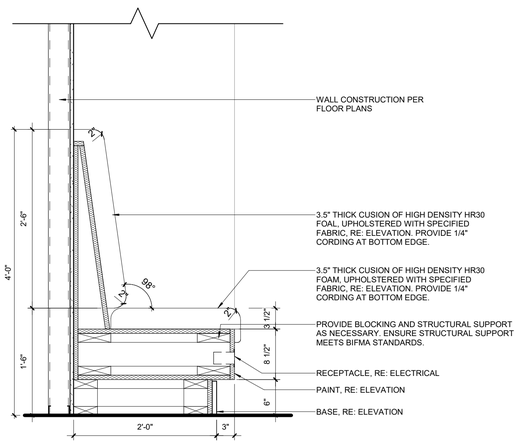
NURSE STATION CASEWORK
1" = 1'-0" — H01



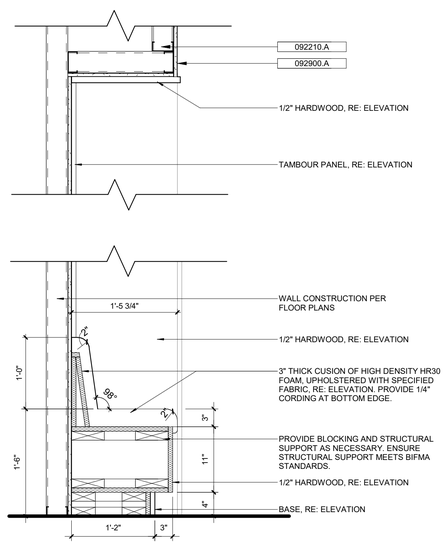
WORK CAFE ISLAND
1" = 1'-0" — E04



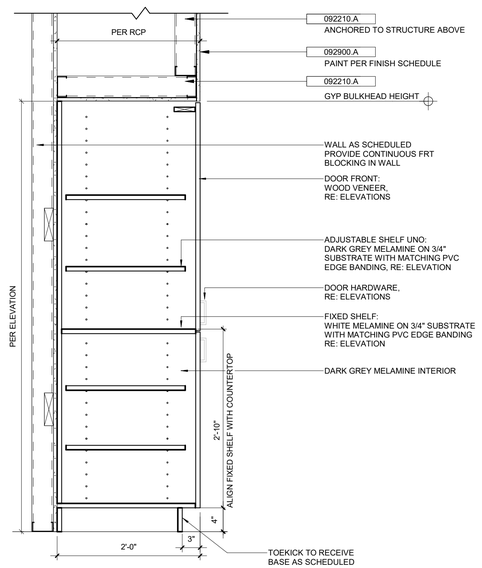
LAVATORY COUNTER
1" = 1'-0" — C01



WORK CAFE BANQUETTE
1" = 1'-0" — A11



WORK CAFE BANQUETTE
1" = 1'-0" — A08



FULL HT CABINET AT GYP BULKHEAD
1" = 1'-0" — A04

NUMBER	DESCRIPTION
092210.A	LT GA STUD/JOIST
092900.A	GYPSUM WALLBOARD (5/8" TYPE X U.N.O.)

KEYNOTE LEGEND
A01

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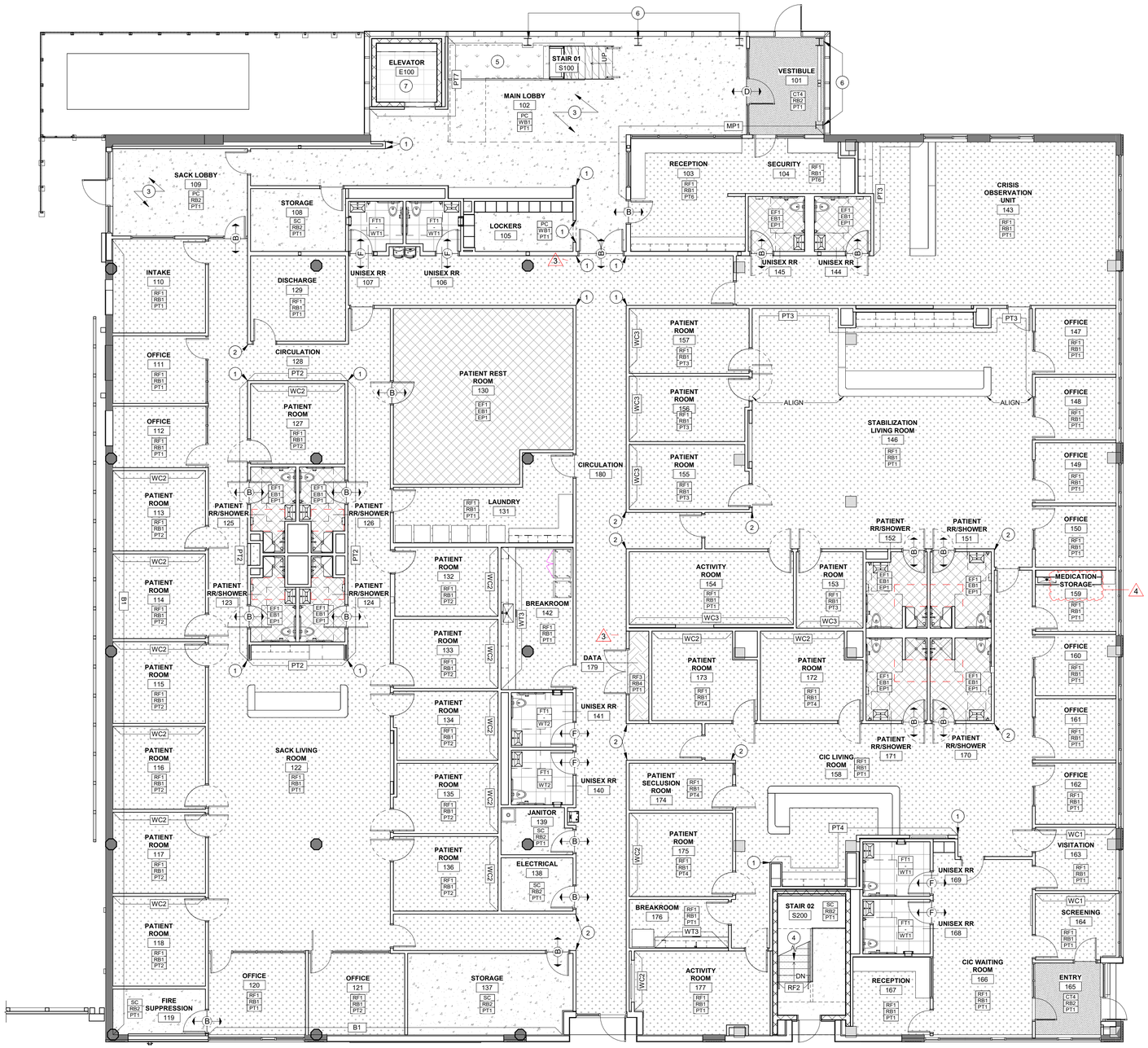
NO.	REVISION	DATE:
3	ADDENDUM 2	07/03/2025
4	ADDENDUM 3	07/28/2025

CASEWORK DETAILS

A672

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KEYED NOTES - FINISH PLAN

1. INTEGRAL CORNER GUARD [CG1], RE: FINISH LEGEND
2. APPLIED CORNER GUARD [CG2], RE: FINISH LEGEND
3. MATCH EXISTING AGGREGATE AND DYE CONCRETE TO MATCH, AS NEEDED
4. RUBBER STAIR TREAD, RE: FINISH LEGEND
5. INTERIOR PLANTER BED WITH ROCK INFILL. RE: LANDSCAPE
6. STRUCTURE TO BE PAINTED [PT7]
7. ELEVATOR CAB FINISHES, RE: ELEVATOR CAB FINISH LEGEND

- (A) CONCRETE TO TILE TRANSITION, RE: A651 C01
- (B) CONCRETE TO RESILIENT TRANSITION, RE: A651 E01
- (C) CARPET TO TILE TRANSITION, RE: A651 G01
- (D) CARPET TO CONCRETE TRANSITION, RE: A651 I01
- (E) EXISTING CONCRETE TO NEW CONCRETE TRANSITION, RE: A651 S05
- (F) RESILIENT TO TILE TRANSITION, RE: A651 G05
- (G) RESILIENT TO CARPET TRANSITION, RE: A651 I05

FLOORING TRANSITIONS — G01

A. DURING BIDDING / PRICING PHASE, GENERAL CONTRACTOR SHALL DETERMINE AVAILABILITY OF ALL MATERIALS. ANY DELIVERY SCHEDULE THAT MAY CAUSE COORDINATION PROBLEMS SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER.
B. COORDINATE SECURITY, INFORMATION TECHNOLOGY & AUDIO/VISUAL REQUIREMENTS WITH OWNER. PROVIDE CONDUIT AND PULL STRING AS NEEDED.
C. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
D. ALL FLOOR PENETRATION LOCATIONS SHALL BE COORDINATED AND VERIFIED WITH STRUCTURAL AND MECHANICAL, ELECTRIC, PLUMBING, AND FIRE PROTECTION FOR ELEMENTS INCLUDING ITEMS LOCATED ON FLOORS ABOVE & BELOW CONCEALED WORK (EMBEDS, REBAR, ETC.) NOTIFY ARCHITECT OF ANY ISSUES PRIOR TO DRILLING. PROVIDE X-RAY OR SONAR SCANS AS REQUIRED.
E. DASHED LINES INDICATE OVERHEAD ITEMS ABOVE. REFERENCE REFLECTED CEILING PLAN AND ROOF PLANS.
F. ON WALLS WHERE GRAPHICS / SIGNAGE OCCUR PROVIDE LEVEL 5 FINISH. AT THESE LOCATIONS NO EXIT SIGNS OR ANY ELECTRICAL / FIRE ALARM / MECHANICAL / ETC. DEVICES SHALL BE INSTALLED. IF CONFLICT EXISTS, NOTIFY ARCHITECT FOR RESOLUTION.
G. VERIFY ALL DIMENSIONS INDICATED AS "FIELD VERIFY" OR "FV" ON THE DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY ISSUES TO ARCHITECT.
H. IF REQUIRED BY AUTHORITY HOLDING JURISDICTION, PROVIDE CODE AND ADA COMPLIANT SIGNAGE AT ALL PUBLIC RESTROOMS AND SERVICE ROOMS THROUGHOUT (JANITOR CLOSET, DATA, ELECTRICAL, ETC.). SIGNAGE SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER AND INSTALLATION.
I. ALL COLORS AND LOCATIONS OF WALL MOUNTED ELECTRICAL DEVICES, COVER PLATES, SPRINKLER HEAD COVERS, ETC. SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER AND INSTALLATION.
J. PROVIDE FIRE EXTINGUISHERS AND CABINETS AS INDICATED ON DRAWINGS. FINAL LOCATIONS SHALL BE COORDINATED WITH AUTHORITY HOLDING JURISDICTION. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
K. ALL APPLIANCES ARE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.
L. COORDINATE ELECTRICAL DEVICE LOCATIONS WITH FURNITURE LAYOUT AS DIRECTED BY ARCHITECT PRIOR TO INSTALLATION OF ELECTRICAL DEVICES.
M. ALL LOCATIONS AND ALIGNMENTS OF CEILING, FLOOR AND WALL MOUNTED DEVICES / ELEMENTS NEEDS TO BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
N. PROVIDE NON-COMBUSTIBLE MATERIALS IN RETURN PLENUMS (WALLS AND SOFFIT).
O. ALL FINISHES (TILE, CEILINGS, CARPET, ETC.) STARTING & STOPPING POINTS TO BE DETERMINED BY ARCHITECT IN FIELD.
P. PROVIDE 6' X 6' PAINT SWATCH OF EACH COLOR SCHEDULED FOR REVIEW & ACCEPTANCE PRIOR TO BALANCE OF INSTALLATION.
Q. PROVIDE 6' X 6' STAIN SWATCH OF EACH COLOR SCHEDULED FOR R REVIEW & ACCEPTANCE PRIOR TO BALANCE OF INSTALLATION.
R. PROVIDE 10' X 10' MOCK-UP OF EA CARPET TILE PATTERN FOR REVIEW & ACCEPTANCE PRIOR TO BALANCE OF INSTALLATION.
S. PAINT HOLLOW METAL DOORS AND FRAMES TO MATCH ADJACENT WALLS (SEMI-GLOSS), UNLESS NOTED OTHERWISE.
T. ALL GYPSUM BOARD WALLS SCHEDULED TO BE PAINTED IN RESTROOMS OR OTHER WET LOCATIONS SHALL USE EPOXY TYPE PAINT.
U. AT TILE LOCATIONS PROVIDE 1/8" GROUT LINES MAXIMUM, UNLESS NOTED OTHERWISE. PROVIDE MOCK-UP FOR REVIEW PRIOR TO INSTALLATION.
V. EXTEND ALL FINISHES (INCLUDING PAINT) BENEATH, BEHIND AND AROUND FURNITURE, CASEWORK, EQUIPMENT, SIGNAGE, ETC. WHETHER SPECIFICALLY INDICATED OR NOT.
W. PROVIDE CEMENT BOARD IN LIEU OF GYPSUM BOARD WHERE WALL TILE IS SPECIFIED, UNLESS NOTED OTHERWISE.
X. PROVIDE MOCK-UPS OF ALL FLOOR FOR REVIEW AND ACCEPTANCE PRIOR TO PROCEEDING WITH BALANCE OF INSTALLATION.
Y. ALL DOOR TRANSITIONS & THRESHOLDS PER SPECIFICATIONS, UNLESS NOTED OTHERWISE.
Z. ALL BASEBOARD CORNERS SHALL BE MITER CUT AND ALL RUNS SHALL BE KERF CUT, PATCH, SAND AND PAINT ALL FASTENER HOLES IN BASEBOARDS, FINISH PER SCHEDULE.
AA. COORDINATE DELIVERY, STORAGE AND INSTALLATION OF FINISHES, FIXTURES, AND EQUIPMENT ITEMS.
BB. ALL FURNITURE SHOWN IS FOR REFERENCE ONLY, UNLESS NOTED OTHERWISE. COORDINATE AND PROVIDE POWER & BLOCKING FOR FURNITURE SYSTEM AS REQUIRED.
CC. COORDINATE ALL CORE DRILL / FLOOR BOX LOCATIONS WITH FURNITURE LAYOUT AND ELECTRICAL. ARCHITECT SHALL REVIEW ALL LOCATIONS PRIOR TO DRILLING AND INSTALLATION.
DD. REFERENCE FINISH SCHEDULE FOR ALL FLOOR, CEILING & WALL FINISHES.
EE. REFERENCE PLUMBING DRAWINGS FOR FIXTURE SPECIFICATIONS, UNLESS NOTED OTHERWISE.
FF. PROVIDE MANUAL ROLLER SHADES PER SPECIFICATIONS, UNLESS NOTED OTHERWISE.
GG. 'WH / F' = WATER HEATER & FURNACE. COORDINATE WITH MECHANICAL, ELECTRIC, AND PLUMBING DRAWINGS.
HH. 'W / D' = WASHER / DRYER. COORDINATE WITH MECHANICAL, ELECTRIC, AND PLUMBING DRAWINGS.
II. ALL MATERIAL TRANSITIONS TO BE COORDINATED WITH THE SPECIFICATIONS. LOCATIONS AND ALIGNMENTS TO BE DETERMINED BY ARCHITECT PRIOR TO INSTALLATION.

INDICATES EXISTING TO REMAIN CONSTRUCTION / NOT IN SCOPE, UNLESS NOTED OTHERWISE.

INDICATES NEW CONSTRUCTION SCOPE.

N

LEVEL 01 FINISH PLAN
1/8" = 1'-0"

A03 FINISH PLAN GEN NOTES A01

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COMMUNITY CRISIS CENTER

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WICHITA, KS 67202

PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

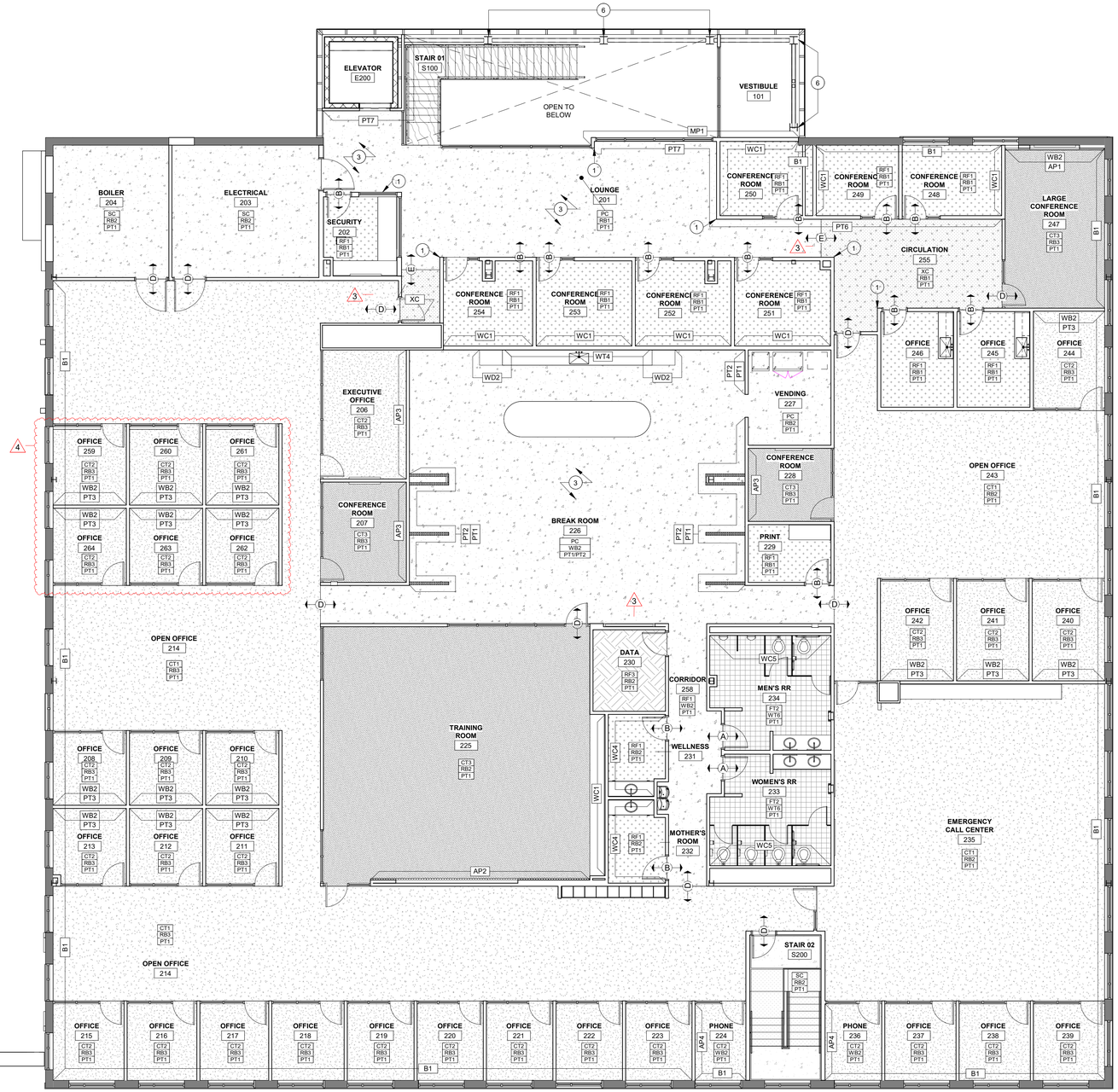
NO.	REVISION	DATE:
3	ADDENDUM 2	07/03/2025
4	ADDENDUM 3	07/28/2025

LEVEL 01
FINISH PLAN

A701

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KEYED NOTES - FINISH PLAN

1. INTEGRAL CORNER GUARD [CG1], RE: FINISH LEGEND
2. APPLIED CORNER GUARD [CG2], RE: FINISH LEGEND
3. MATCH EXISTING AGGREGATE AND DYE CONCRETE TO MATCH, AS NEEDED
4. RUBBER STAIR TREAD, RE: FINISH LEGEND
5. INTERIOR PLANTER BED WITH ROCK INFILL. RE: LANDSCAPE
6. STRUCTURE TO BE PAINTED [PT7]
7. ELEVATOR CAB FINISHES, RE: ELEVATOR CAB FINISH LEGEND

- (A) CONCRETE TO TILE TRANSITION, RE: A651 C01
- (B) CONCRETE TO RESILIENT TRANSITION, RE: A651 E01
- (C) CARPET TO TILE TRANSITION, RE: A651 G01
- (D) CARPET TO CONCRETE TRANSITION, RE: A651 I01
- (E) EXISTING CONCRETE TO NEW CONCRETE TRANSITION, RE: A651 505
- (F) RESILIENT TO TILE TRANSITION, RE: A651 G05
- (G) RESILIENT TO CARPET TRANSITION, RE: A651 I05

FLOORING TRANSITIONS — G01

A. DURING BIDDING / PRICING PHASE, GENERAL CONTRACTOR SHALL DETERMINE AVAILABILITY OF ALL MATERIALS. ANY DELIVERY SCHEDULE THAT MAY CAUSE COORDINATION PROBLEMS SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER.
B. COORDINATE SECURITY, INFORMATION TECHNOLOGY & AUDIO/VISUAL REQUIREMENTS WITH OWNER. PROVIDE CONDUIT AND PULL STRING AS NEEDED.
C. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
D. ALL FLOOR PENETRATION LOCATIONS SHALL BE COORDINATED AND VERIFIED WITH STRUCTURAL AND MECHANICAL, ELECTRIC, PLUMBING, AND FIRE PROTECTION FOR ELEMENTS INCLUDING ITEMS LOCATED ON FLOORS ABOVE & BELOW CONCEALED WORK (EMBEDS, REBAR, ETC.) NOTIFY ARCHITECT OF ANY ISSUES PRIOR TO DRILLING. PROVIDE X-RAY OR SONAR SCANS AS REQUIRED.
E. DASHED LINES INDICATE OVERHEAD ITEMS ABOVE. REFERENCE REFLECTED CEILING PLAN AND ROOF PLANS.
F. ON WALLS WHERE GRAPHICS / SIGNAGE OCCUR PROVIDE LEVEL 5 FINISH. AT THESE LOCATIONS NO EXIT SIGNS OR ANY ELECTRICAL / FIRE ALARM / MECHANICAL / ETC. DEVICES SHALL BE INSTALLED. IF CONFLICT EXISTS, NOTIFY ARCHITECT FOR RESOLUTION.
G. VERIFY ALL DIMENSIONS INDICATED AS "FIELD VERIFY" OR "FV" ON THE DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY ISSUES TO ARCHITECT.
H. IF REQUIRED BY AUTHORITY HOLDING JURISDICTION, PROVIDE CODE AND ADA COMPLIANT SIGNAGE AT ALL PUBLIC RESTROOMS AND SERVICE ROOMS THROUGHOUT (JANITOR CLOSET, DATA, ELECTRICAL, ETC.). SIGNAGE SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER AND INSTALLATION.
I. ALL COLORS AND LOCATIONS OF WALL MOUNTED ELECTRICAL DEVICES, COVER PLATES, SPRINKLER HEAD COVERS, ETC. SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER AND INSTALLATION.
J. PROVIDE FIRE EXTINGUISHERS AND CABINETS AS INDICATED ON DRAWINGS. FINAL LOCATIONS SHALL BE COORDINATED WITH AUTHORITY HOLDING JURISDICTION. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
K. ALL APPLIANCES ARE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.
L. COORDINATE ELECTRICAL DEVICE LOCATIONS WITH FURNITURE LAYOUT AS DIRECTED BY ARCHITECT PRIOR TO INSTALLATION OF ELECTRICAL DEVICES.
M. ALL LOCATIONS AND ALIGNMENTS OF CEILING, FLOOR AND WALL MOUNTED DEVICES / ELEMENTS NEEDS TO BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
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N

LEVEL 02 FINISH PLAN
1/8" = 1'-0"

A03 FINISH PLAN GEN NOTES — A01

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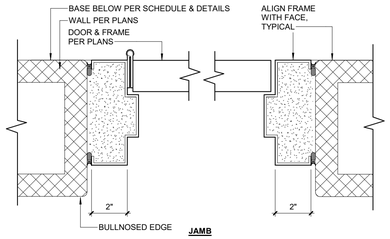
LEVEL 02 FINISH PLAN

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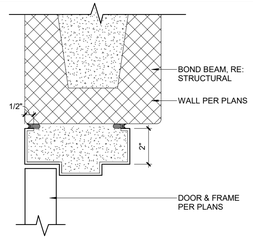
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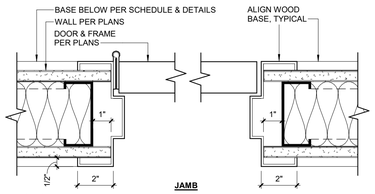
JAMB



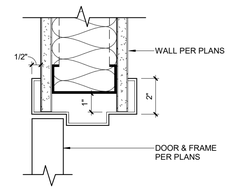
HEAD

NOTES:
1. ALL FRAMES TO BE FULL WELDED PER SPECIFICATIONS.
2. FACTORY PREPARE AND PRIME ALL FRAMES TO RECEIVE FIELD PAINT FINISH.
3. PROVIDE FIRE RATED DOORS AND FRAMES PER SCHEDULE.
4. COORDINATE MASONRY ATTACHMENT INTO BLOCK, GROUT DOOR FRAMES SOLID.
5. DOOR HARDWARE PER SCHEDULE.

MASONRY FRAMING



JAMB



HEAD

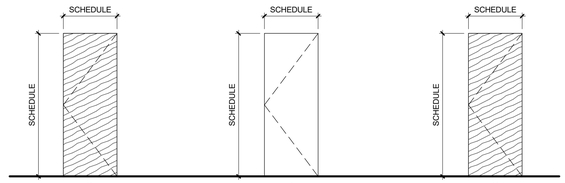
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1. ALL FRAMES TO BE FULL WELDED PER SPECIFICATIONS.
2. FACTORY PREPARE AND PRIME ALL FRAMES TO RECEIVE FIELD PAINT FINISH.
3. PROVIDE FIRE RATED DOORS AND FRAMES PER SCHEDULE.
4. PROVIDE CONCEALED, MOISTURE RESISTANT (AND FIRE RETARDANT BLOCKING AT RATED ASSEMBLIES) AS REQUIRED.
5. DOOR HARDWARE PER SCHEDULE.

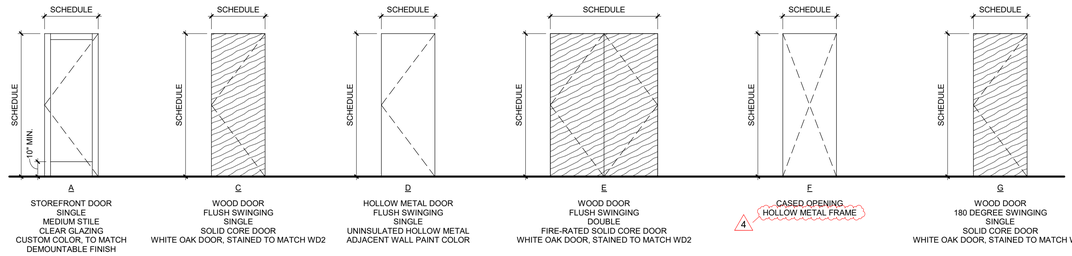
METAL FRAMING

TYPICAL DOOR FRAME DETAILS

3" = 1'-0"

F10





DOOR TYPES

1/4" = 1'-0"

F03

DR SCHED GEN NOTES

F01

A. DURING BIDDING / PRICING PHASE, GENERAL CONTRACTOR SHALL DETERMINE AVAILABILITY OF ALL MATERIALS. ANY DELIVERY SCHEDULE THAT MAY CAUSE COORDINATION PROBLEMS SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER.
B. REFERENCE SPECIFICATIONS FOR DOOR HARDWARE SCHEDULE AND SET TYPES, UNLESS NOTED OTHERWISE. THE HARDWARE SCHEDULE REPRESENTS THE DESIGN INTENT. THEY ARE A GUIDELINE ONLY AND SHOULD NOT BE CONSIDERED A DETAILED HARDWARE SCHEDULE. DISCREPANCIES, CONFLICTING HARDWARE AND MISSING ITEMS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT WITH CORRECTIONS MADE PRIOR TO THE BIDDING PROCESS AND INSTALLATION. OMITTED ITEMS NOT INCLUDED IN A HARDWARE SET SHOULD BE SCHEDULED WITH THE APPROPRIATE ADDITIONAL HARDWARE REQUIRED FOR PROPER APPLICATION AND FUNCTIONALITY.
C. PRIOR TO BIDDING ALL HARDWARE COLORS / FINISHES SHALL BE COORDINATED WITH ARCHITECT.
D. ALL HARDWARE MUST BE ADA, FHA, ANSI AND IBC CODE COMPLIANT.
E. ALL DOOR HARDWARE MUST BE REVIEWED WITH OWNER AND ARCHITECT PRIOR TO ORDER AND INSTALLATION.
F. ACCOUNT FOR REQUIRED HARDWARE QUANTITIES FOR PAIRS OF DOORS WHERE APPLICABLE.
G. PANIC HARDWARE: REQUIRED ON DOORS SERVING ASSEMBLY OCCUPANCIES WITH 50 OR MORE OCCUPANTS PER SECTION 1008.1.10. REQUIRED ON ALL LOWER LEVEL EXIT DOORS. REQUIRED IN ELECTRICAL ROOMS (DOORS SWINGING OUT) WITH EQUIPMENT RATED 800 AMPERES OR MORE AND OVER 6' WIDE THAT CONTAIN OVERCURRENT DEVICES, SWITCHING DEVICES OR CONTROL DEVICES PER 1008.1.10.
H. DOOR SHALL SWING IN THE DIRECTION OF EGRESS IF SERVING 50 OR MORE OR IF > 800 AMPS PER 1008.1.10.
I. PROVIDE FLOOR / WALL MOUNTED DOOR STOPS AS REQUIRED. COLOR TO MATCH DOOR HARDWARE COLOR, UNLESS NOTED OTHERWISE. NOTIFY ARCHITECT OF TYPE & LOCATIONS BEING PROPOSED PRIOR TO ORDER & INSTALLATION.
J. ALL KEYING SHALL BE COORDINATED WITH THE OWNER.
K. PROVIDE TEMPERED GLAZING AT ALL LOCATIONS REQUIRED BY CODE.
L. ANY MUNTIN GRIDS MUST BE APPLIED TO THE EXTERIOR AND INTERIOR OF DOOR LITES WITH A SPACER BETWEEN INSULATED GLAZING.
M. REFERENCE FLOOR PLANS FOR DOOR SWING OPERATION.

OPENING NO.	ROOM NAME	DOOR TYPE	DOOR FINISH	DOOR WIDTH	DOOR HEIGHT	FRAME TYPE	FRAME MATERIAL	GLAZING	FIRE RATING	HARDWARE SET	REMARKS	REVISION NO.
LEVEL 01												
101A	VESTIBULE	A	GLASS	3'-8 1/4"	8'-1 1/8"		-	-	-	1.0	RE: STOREFRONT ELEVATIONS	
101B	VESTIBULE	A	GLASS	3'-6"	8'-0"		-	-	-	5.0	RE: STOREFRONT ELEVATIONS	
103	RECEPTION	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	21.0	-	
104	SECURITY	C	WOOD	3'-0"	8'-0"		-	-	-	21.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
105	MAIN LOBBY	F	PAINT	0"	0"		HOLLOW METAL				CASED OPENING	5
106	UNISEX RR	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	
107	UNISEX RR	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	
108	STORAGE	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	32.0	-	
109A	SACK LOBBY	A	GLASS	3'-6"	8'-0"		-	-	-	2.0	-	
109B	SACK LOBBY	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	27.0	-	
109C	SACK LOBBY	C	WOOD	3'-0"	8'-0"		-	-	-	23.0	RE: STOREFRONT PARTITION ELEVATIONS	
110	INTAKE	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	30.0	-	
111	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: STOREFRONT PARTITION ELEVATIONS	
112	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: STOREFRONT PARTITION ELEVATIONS	
113	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
114	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
115	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
116	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
117	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
118	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
119	FIRE SUPPRESSION	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	33.0	-	
120	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	30.0	RE: STOREFRONT PARTITION ELEVATIONS	5
121	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	30.0	RE: STOREFRONT PARTITION ELEVATIONS	4
122	SACK LIVING ROOM	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	24.0	-	
123	PATIENT RR/SHOWER	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	39.0	-	5
124	PATIENT RR/SHOWER	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	39.0	-	5
125	PATIENT RR/SHOWER	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	39.0	-	5
126	PATIENT RR/SHOWER	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	39.0	-	5
127	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
128	CIRCULATION	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	23.0	-	
129	DISCHARGE	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	32.0	-	
130	PATIENT REST ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	34.0	-	5
131A	LAUNDRY	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	22.0	-	5
131B	LAUNDRY	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	22.0	-	5
132	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
133	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
134	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
135	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
136	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
137	STORAGE	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	32.0	-	
138	ELECTRICAL	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	33.0	-	
139	JANITOR	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	33.0	-	
140	UNISEX RR	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	
141	UNISEX RR	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	
142	BREAKROOM	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	22.0	-	
143	CRISIS OBSERVATION UNIT	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	23.0	-	
144	UNISEX RR	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	5
145	UNISEX RR	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	5
146A	STABILIZATION LIVING ROOM	D	HOLLOW METAL, PAINT	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	19.0	KEYCARD READER BOTH SIDES. DELAYED EGRESS BUTTON ON PUSH SIDE OF DOOR. EGRESS BUTTON NOTIFIES SECURITY.	5
146B	STABILIZATION LIVING ROOM	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	20.0	-	
147	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	30.0	RE: STOREFRONT PARTITION ELEVATIONS	5
148	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	30.0	RE: STOREFRONT PARTITION ELEVATIONS	5
149	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	30.0	RE: STOREFRONT PARTITION ELEVATIONS	5
150	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	30.0	RE: STOREFRONT PARTITION ELEVATIONS	5
151	PATIENT RR/SHOWER	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	5
152	PATIENT RR/SHOWER	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	5
153	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
154	ACTIVITY ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	37.0	-	5
155	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	35.0	-	5
156	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	35.0	-	5
157	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	35.0	-	5
158A	CIC WAITING ROOM	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	24.0	-	5
158B	CIC LIVING ROOM	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	24.0	-	5
158C	CIC LIVING ROOM	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	24.0	-	5
159	MEDICATION STORAGE	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	22.0	-	4
160	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	22.0	RE: STOREFRONT PARTITION ELEVATIONS	5
161	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	22.0	RE: STOREFRONT PARTITION ELEVATIONS	5
162	OFFICE	K	WOOD	3'-0"	8'-0"		-	-	20 MIN	22.0	RE: STOREFRONT PARTITION ELEVATIONS	5
163A	VISITATION	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	24.0	-	5
163B	VISITATION	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	24.0	-	5
164A	SCREENING	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	24.0	-	
164B	SCREENING	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	24.0	-	
165A	ENTRY	A	GLASS	3'-0"	8'-0"		-	-	-	3.0	RE: STOREFRONT ELEVATIONS	5
165B	ENTRY	A	GLASS	3'-0"	8'-0"		-	-	-	25.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
167	RECEPTION	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	22.0	-	
168	UNISEX RR	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	
169	UNISEX RR	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	
170	PATIENT RR/SHOWER	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	5
171	PATIENT RR/SHOWER	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	38.0	-	5
172	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
173	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
174	PATIENT SECLUSION ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	41.0	-	5
175	PATIENT ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
176	BREAKROOM	K	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	22.0	-	
177	ACTIVITY ROOM	H	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	20 MIN	36.0	-	5
178A	STAIR 02	J	HOLLOW METAL, PAINT	3'-0"	8'-0"		HOLLOW METAL	-	90 MIN	4.0	-	
178B	STAIR 02	J	HOLLOW METAL, PAINT	3'-0"	8'-0"		HOLLOW METAL	-	90 MIN	40.0	-	
179	DATA	E	HOLLOW METAL, PAINT	6'-0"	8'-0"		HOLLOW METAL	-	-	42.0	-	
180A	CIRCULATION	A	GLASS	3'-6"	8'-0"		-	-	-	3.0	RE: STOREFRONT ELEVATIONS	5
180B	MAIN LOBBY	E	WOOD	6'-0"	8'-0"		HOLLOW METAL	-	20 MIN	29.0	-	5
LEVEL 02												
202	SECURITY	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	21.0	-	
203A	ELECTRICAL	J	HOLLOW METAL, PAINT	4'-0"	8'-0"		HOLLOW METAL	-	1 HR	11.0	-	
203B	ELECTRICAL	K	WOOD	4'-0"	8'-0"		HOLLOW METAL	-	1 HR	12.0	-	
204	BOILER	D	HOLLOW METAL, PAINT	3'-0"	8'-0"		HOLLOW METAL	-	-	10.0	-	
206	EXECUTIVE OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
207	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	13.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
208	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
209	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
210	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
211	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
212	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
213	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
214A	OPEN OFFICE	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	27.0	-	5
214B	EMERGENCY CALL CENTER	C	WOOD	3'-0"	8'-0"		-	-	-	7.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
215	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
216	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
217	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
218	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
219	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
220	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
221	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
222	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
223	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
224	PHONE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
225A	TRAINING ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	16.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
225B	TRAINING ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	16.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
227	VENDING	F	PAINT	0"	0"		HOLLOW METAL		-		CASED OPENING	5
228	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	14.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
229	PRINT	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	15.0	-	
230	DATA	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	8.0	-	
231	WELLNESS	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	17.0	-	
232	MOTHER'S ROOM	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	17.0	-	
233	WOMEN'S RR	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	18.0	-	
234	MEN'S RR	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	18.0	-	
235	EMERGENCY CALL CENTER	C	WOOD	3'-0"	8'-0"		-	-	-	8.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
236	PHONE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
237	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
238	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
239	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
240	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
241	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
242	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
243	OPEN OFFICE	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	28.0	-	
244	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
245	OFFICE	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	31.0	-	
246	OFFICE	C	WOOD	3'-0"	8'-0"		HOLLOW METAL	-	-	31.0	-	
247	LARGE CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
248	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
249	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
250	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
251	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	5
252	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
253	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
254	CONFERENCE ROOM	C	WOOD	3'-0"	8'-0"		-	-	-	30.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	
259	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	4
260	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	4
261	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	4
262	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	4
263	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	4
264	OFFICE	C	WOOD	3'-0"	8'-0"		-	-	-	9.0	RE: DEMOUNTABLE PARTITION ELEVATIONS	4

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COMMUNITY CRISIS CENTER

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PROJECT NO. 24001.01

BID & PERMIT SET 03.26.25

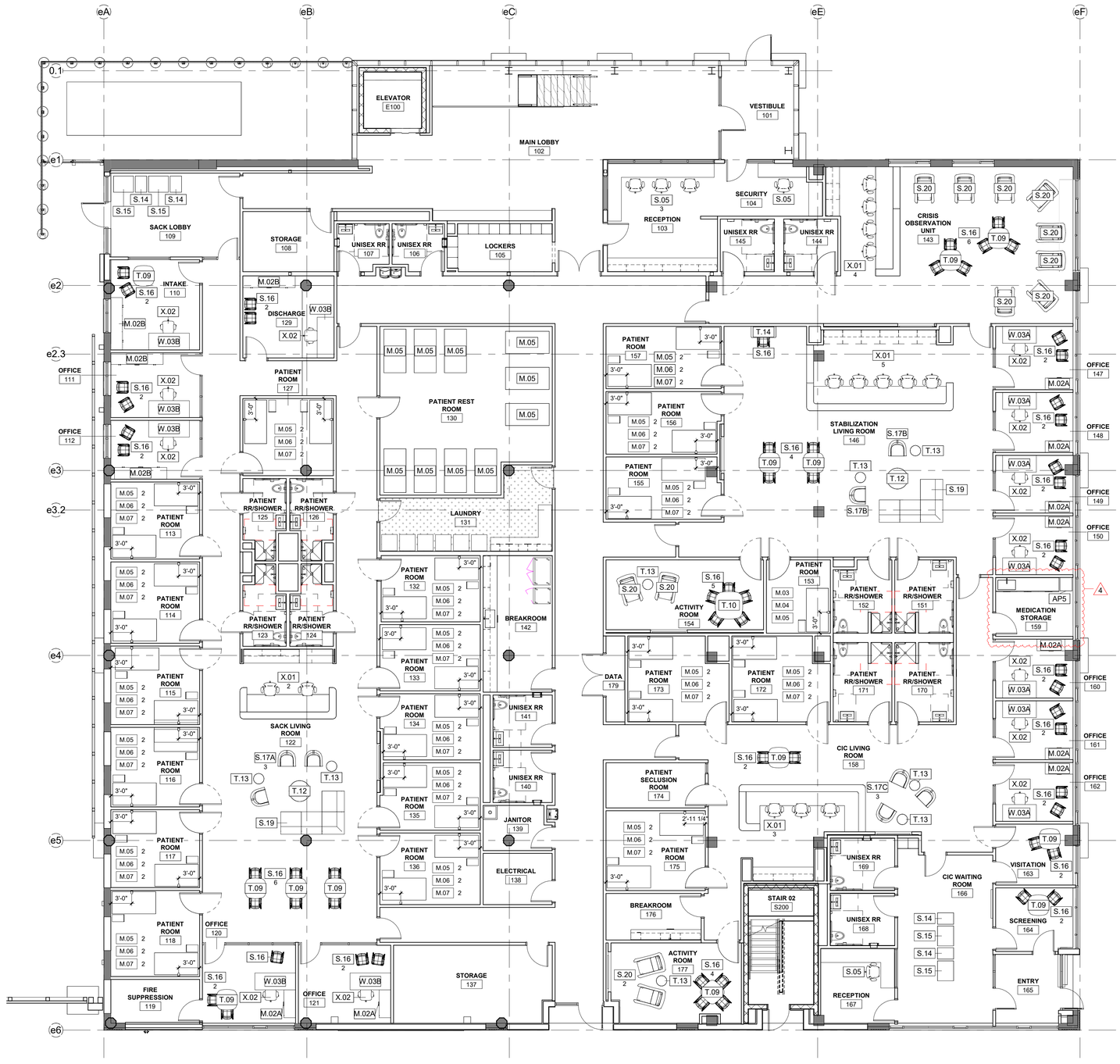
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4	ADDENDUM 3	07/28/2025
5	ADDENDUM 4	07/28/2025

DOOR SCHEDULE, TYPES & DETAILS

A801

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KEYED NOTES - FFE PLAN

1. FLOOR BOX, RE: ELECTRICAL. COORDINATE WITH EXISTING STRUCTURE BELOW

- A. DURING BIDDING / PRICING PHASE, GENERAL CONTRACTOR SHALL DETERMINE AVAILABILITY OF ALL MATERIALS. ANY DELIVERY SCHEDULE THAT MAY CAUSE COORDINATION PROBLEMS SHALL BE REVIEWED BY ARCHITECT PRIOR TO ORDER.
- B. COORDINATE SECURITY, INFORMATION TECHNOLOGY & AUDIO/VISUAL REQUIREMENTS WITH OWNER. PROVIDE CONDUIT AND PULL STRING AS NEEDED.
- C. INFORM ARCHITECT OF ALL FIRE MARSHAL'S LOCATION DIRECTIVES PRIOR TO INSTALLATION OF DEVICES.
- D. ALL FLOOR PENETRATION LOCATIONS SHALL BE COORDINATED AND VERIFIED WITH STRUCTURAL AND MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION FOR ELEMENTS INCLUDING ITEMS LOCATED ON FLOORS ABOVE & BELOW CONCEALED WORK (EMBEDS, REBAR, ETC.) NOTIFY ARCHITECT OF ANY ISSUES PRIOR TO DRILLING. PROVIDE X-RAY OR SONAR SCANS AS REQUIRED.
- E. DASHED LINES INDICATE OVERHEAD ITEMS ABOVE. REFERENCE REFLECTED CEILING PLAN AND ROOF PLANS.
- F. VERIFY ALL DIMENSIONS INDICATED AS "FIELD VERIFY" OR "FV" ON THE DRAWINGS PRIOR TO CONSTRUCTION. REPORT ANY ISSUES TO ARCHITECT.
- G. ALL APPLIANCES ARE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.
- H. COORDINATE ELECTRICAL DEVICE LOCATIONS WITH FURNITURE LAYOUT AS DIRECTED BY ARCHITECT PRIOR TO INSTALLATION OF ELECTRICAL DEVICES.
- I. ALL LOCATIONS AND ALIGNMENTS OF CEILING, FLOOR AND WALL MOUNTED DEVICES / ELEMENTS NEEDS TO BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.
- J. COORDINATE DELIVERY, STORAGE AND INSTALLATION OF FURNITURE, FIXTURES, AND EQUIPMENT ITEMS.
- K. ALL FURNITURE SHOWN IS FOR REFERENCE ONLY, UNLESS NOTED OTHERWISE. COORDINATE AND PROVIDE POWER & BLOCKING FOR FURNITURE SYSTEM AS REQUIRED.
- L. COORDINATE ALL CORE DRILL / FLOOR BOX LOCATIONS WITH FURNITURE LAYOUT AND ELECTRICAL. ARCHITECT SHALL REVIEW ALL LOCATIONS PRIOR TO DRILLING AND INSTALLATION.
- M. FURNITURE PLANS ARE FOR REFERENCE ONLY, FINAL FURNITURE PLANS WILL BE ISSUED AT A LATER DATE.

LEVEL 01 FFE PLAN — A03 — 1/8" = 1'-0"

FFE GEN NOTES — A01

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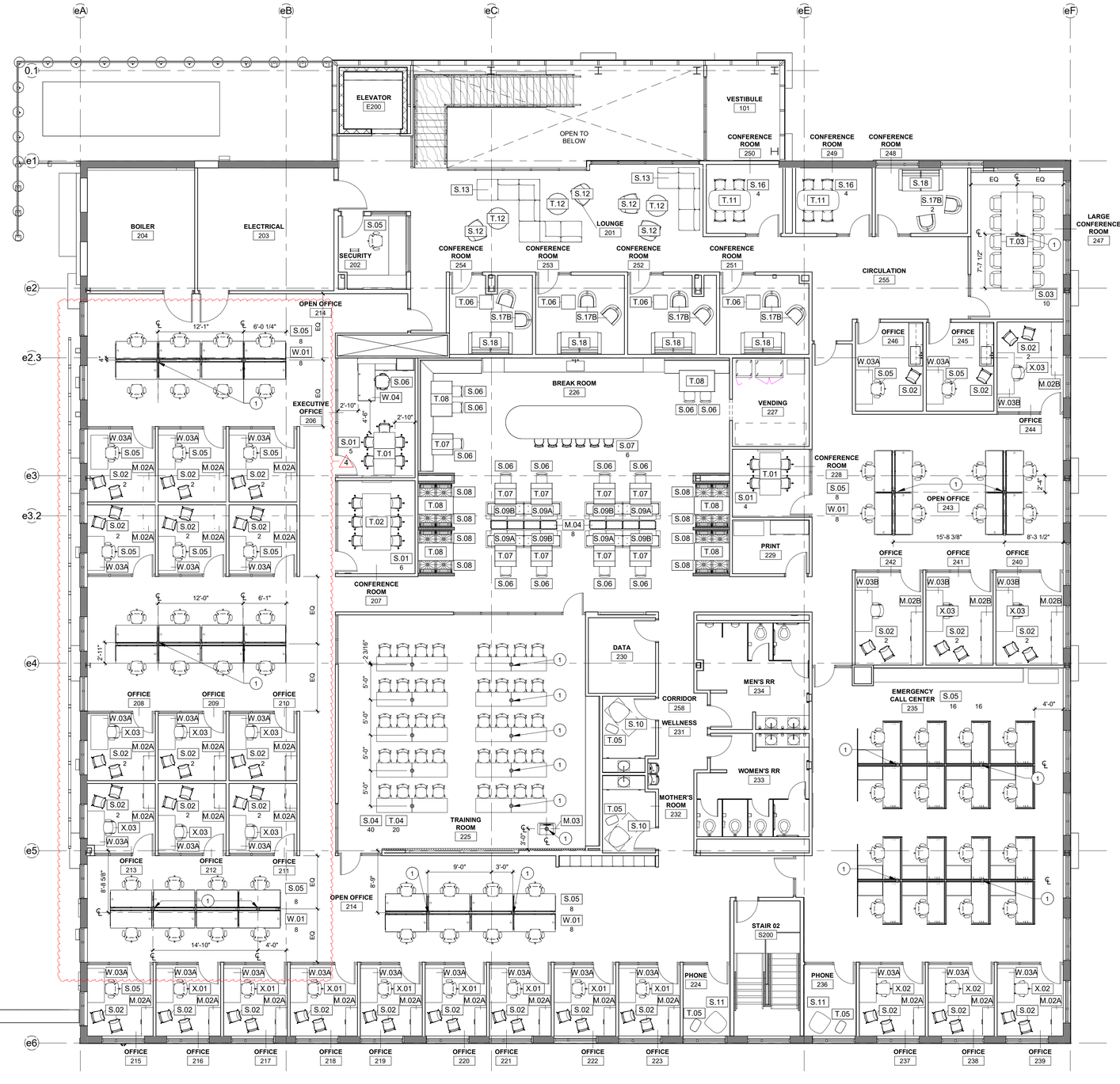
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LEVEL 01 - FFE PLAN

A901

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KEYED NOTES - FFE PLAN

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LEVEL 02 FFE PLAN — A03
1/8" = 1'-0"

FFE GEN NOTES — A01

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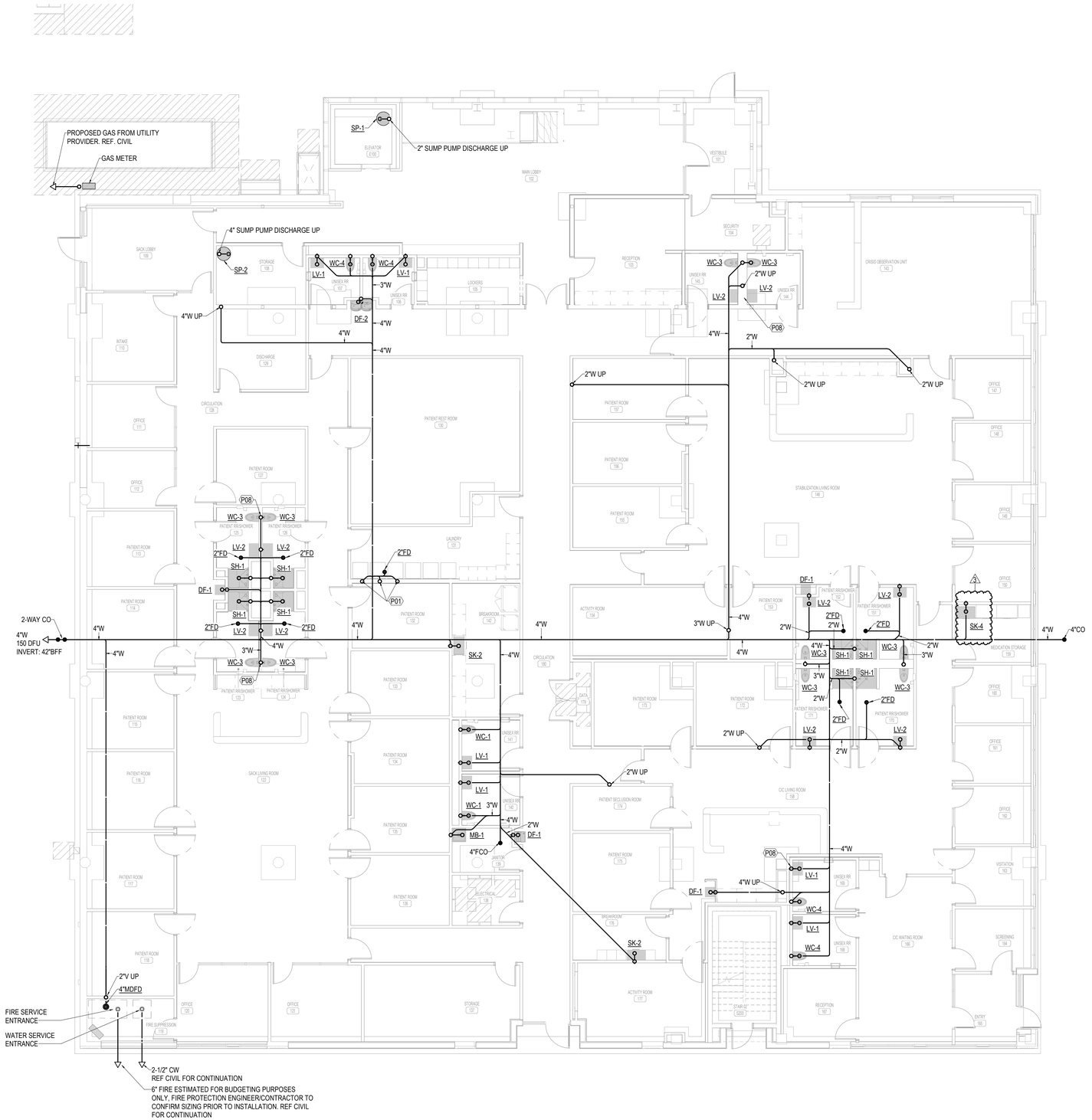
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LEVEL 02 - FFE PLAN

A902

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SHEET KEYNOTES

P01 2"W UP INTO WALL ABOVE.

P08 EXISTING FOOTINGS/STRUCTURAL ELEMENTS SHOWN PER RECORD DRAWINGS. CONTRACTOR TO EXERCISE CAUTION EXCAVATING IN THESE AREAS. ADDITIONAL COORDINATION MAY BE NEEDED.

PLUMBING GENERAL NOTES

1. REFER TO THE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
2. NOT ALL REQUIRED CLEANOUTS ARE NECESSARILY SHOWN ON THESE PLANS. PROVIDE CLEANOUTS ON WASTE, VENT AND STORM PIPING AS REQUIRED BY CODE AND FOR REASONABLE MAINTENANCE BASED ON ACTUAL FIELD INSTALLATION.
3. PIPING ON EXTERIOR WALLS OR PRE-CAST WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
4. TERMINATE PLUMBING VENTS NOT LESS THAN 12" ABOVE ROOF AND A MINIMUM OF 25'-0" FROM MECHANICAL OUTDOOR AIR INTAKES.
5. AVOID ROUTING OVER ELECTRICAL ROOMS AND ELECTRICAL PANELS; MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
6. ROUTE DOMESTIC HOT WATER RECIRCULATION PIPES DOWN THE WALL TO WITHIN 2' OF ALL PUBLIC LAVATORIES WITH A ½" RUNOUT. IF TWO OR MORE LAVATORIES SHARE A ¾" OR LARGER BRANCH PIPE, THE HOT WATER RECIRCULATION PIPE SHALL CONNECT TO WITHIN 6" OF EACH LAVATORY.
7. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILINGS IN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD LID CEILINGS.
8. ACCESS PANELS SHALL BE 24x24, UNLESS NOTED OTHERWISE. LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS AND EQUIPMENT LOCATIONS. PROVIDE RATED ACCESS PANELS WHEREVER REQUIRED BY APPLICABLE CODES.
9. ALL PIPING SHALL BE ROUTED AS HIGH AS POSSIBLE IN THE CEILING SPACE. UTILIZE JOIST SPACE WHEN POSSIBLE, ESPECIALLY WHERE CROSSING OTHER PIPES, DUCTS AND ELECTRICAL.
10. PROVIDE ACCESSIBLE SHUT-OFF VALVES TO ALL APPLIANCES AND EQUIPMENT.
11. TRAP PRIMERS OR TRAP GUARDS SHALL BE INSTALLED AT ALL FLOOR RECEPTORS. INSTALL IN ACCORDANCE WITH IPC.
12. CEILING PLENUM IS USED AS A RETURN AIR PATH. KEEP PLENUM FREE OF COMBUSTIBLES, PVC PIPING AND ANY OTHER MATERIALS NOT ALLOWED BY THE IFC.
13. COORDINATE ROUTING OF CONDENSATE DRAIN LINES WITH OTHER TRADES PRIOR TO INSTALLATION TO ENSURE SLOPE CAN BE MET.
14. VERIFY AND REFER TO ARCHITECTURAL DIMENSIONAL FLOOR PLAN FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.

N

BELOW FLOOR PLUMBING PLAN — A03
1/8" = 1'-0"

PLUMBING GEN. NOTES — A01

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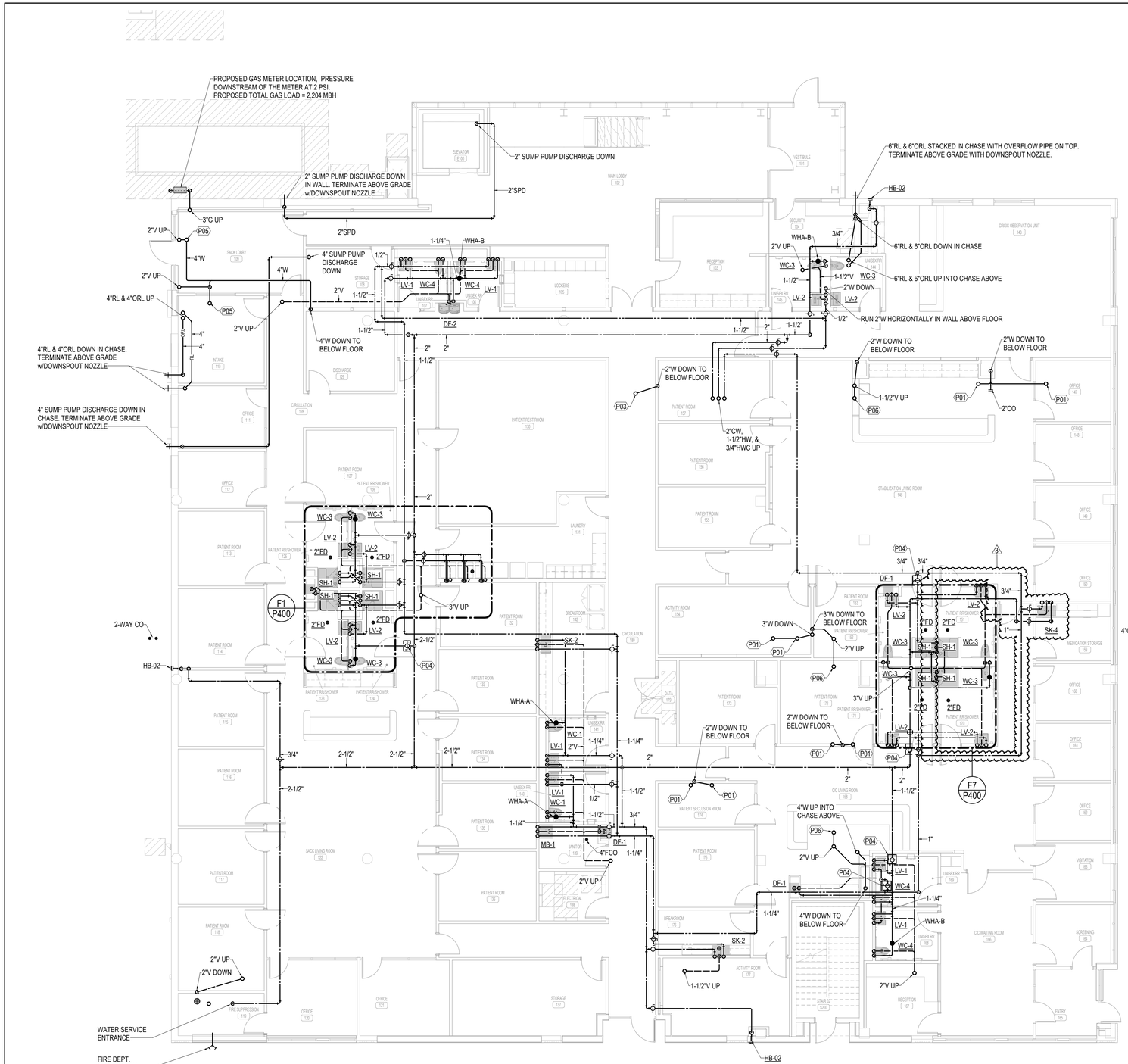
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PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

NO.	REVISION	DATE:
2	ADDENDUM 2	07.03.2025
3	ADDENDUM 3	07.28.2025

BELOW FLOOR PLUMBING PLAN
P100

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SHEET KEYNOTES

P01 2"W UP INTO WALL ABOVE.
P03 2"W UP INTO SIDE OF CABINET.
P04 PROVIDE ACCESS PANEL. COORDINATE WITH ARCHITECTURAL.
P05 4"W UP TO FLOOR DRAIN.
P06 2"W UP TO FLOOR DRAIN.

PLUMBING GENERAL NOTES

1. REFER TO THE PLUMBING FIXTURE SCHEDULE FOR PIPE SIZES TO INDIVIDUAL FIXTURES.
2. NOT ALL REQUIRED CLEANOUTS ARE NECESSARILY SHOWN ON THESE PLANS. PROVIDE CLEANOUTS ON WASTE, VENT AND STORM PIPING AS REQUIRED BY CODE AND FOR REASONABLE MAINTENANCE BASED ON ACTUAL FIELD INSTALLATION.
3. PIPING ON EXTERIOR WALLS OR PRE-CAST WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
4. TERMINATE PLUMBING VENTS NOT LESS THAN 12" ABOVE ROOF AND A MINIMUM OF 25'-0" FROM MECHANICAL OUTDOOR AIR INTAKES.
5. AVOID ROUTING OVER ELECTRICAL ROOMS AND ELECTRICAL PANELS; MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
6. ROUTE DOMESTIC HOT WATER RECIRCULATION PIPES DOWN THE WALL TO WITHIN 2' OF ALL PUBLIC LAVATORIES WITH A ½" RUNOUT. IF TWO OR MORE LAVATORIES SHARE A ¾" OR LARGER BRANCH PIPE, THE HOT WATER RECIRCULATION PIPE SHALL CONNECT TO WITHIN 6" OF EACH LAVATORY.
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N

LEVEL 01 PLUMBING FLOOR PLAN — A03
1/8" = 1'-0"

PLUMBING GEN. NOTES — A01

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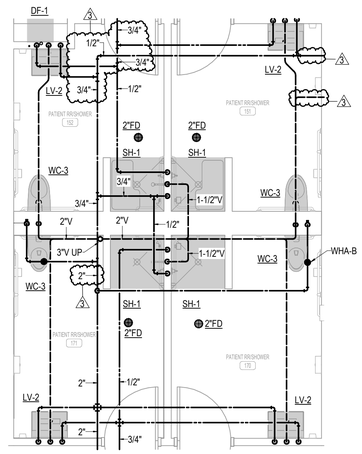
BID & PERMIT SET 03.26.25

NO.	REVISION	DATE:
1	ADDENDUM 1	06.16.2025
2	ADDENDUM 2	07.03.2025
3	ADDENDUM 3	07.28.2025

LEVEL 01 - PLUMBING FLOOR PLAN

P101

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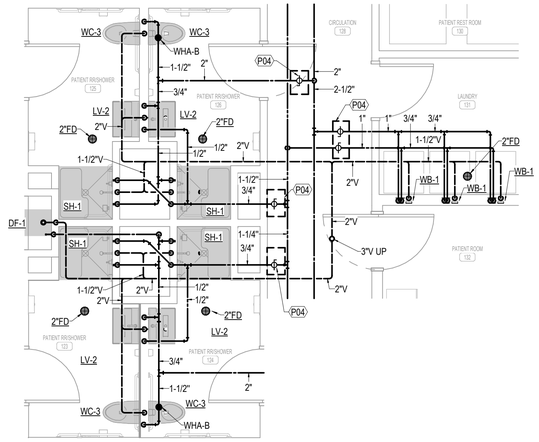
ENLARGED PLUMBING PLAN PATIENT RR/SHOWER

1/4" = 1'-0"

F7

SHEET KEYNOTES

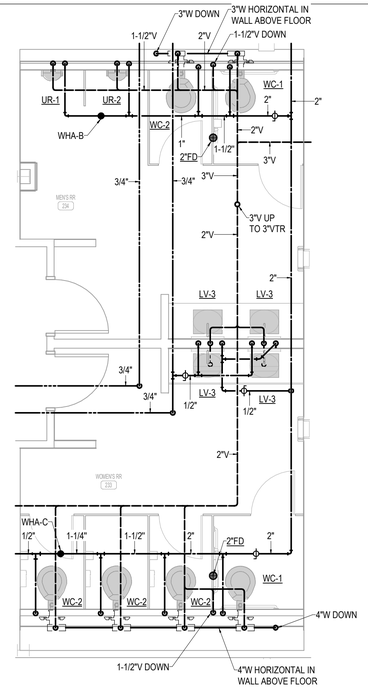
P04 PROVIDE ACCESS PANEL. COORDINATE WITH ARCHITECTURAL.



ENLARGED PLUMBING PLAN PAT. RR/SHOWER

1/4" = 1'-0"

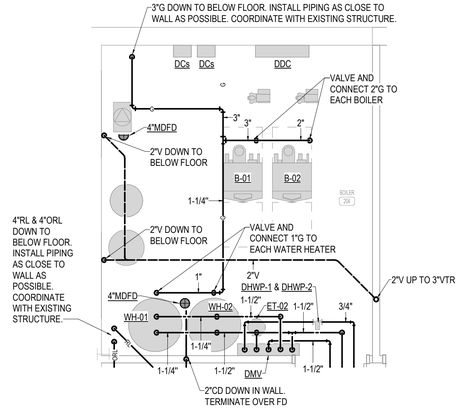
F1



ENLARGED PLUMBING PLAN MEN'S/WOMEN'S RR

1/4" = 1'-0"

A7



ENLARGED PLUMBING PLAN BOILER 204

1/4" = 1'-0"

A2

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BID & PERMIT SET	03.26.25

NO.	REVISION	DATE:
3	ADDENDUM 3	07.28.2025

ENLARGED PLUMBING PLANS

P400

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PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS	ADA COMPLIANT	MATERIAL AND FINISH	TRIM				FLOW		PIPE RUNOUT SIZES				SPECIFICATION
							MANUFACTURER	MODEL	CONTROL TYPE	POWER	GALLONS PER MINUTE (GPM)	GALLONS PER FLUSH (GPF)	COLD WATER	HOT WATER	WASTE	VENT	
DF-1	ELECTRIC WATER COOLER	MURDOCK	AR81408S	--	YES	STAINLESS STEEL	--	--					1/2"	--	2"	1-1/2"	SELF-CONTAINED, INVERTED AND FULLY RECESSED PRESSURIZED ELECTRIC DRINKING FOUNTAIN DELIVERING 8.0 GPH (MIN.) OF WATER AT 50°F COOLED FROM 80°F INLET WATER AND 90°F AMBIENT. CHROME PLATED BRASS FRONT PUSHBUTTON(S) USING LESS THEN 5 POUNDS OF FORCE. STAINLESS STEEL BUBBLER, LIGATURE RESISTANT.
DF-2	ELECTRIC WATER COOLER - DUAL HEIGHT WITH BOTTLE FILLER	ELKAY	EZSTL8WSVRSK	36-3/4" x 19" x 39-1/2"	YES	STAINLESS STEEL	--	--	--	PLUG-IN	--	--	1/2"	--	2"	1-1/2"	CAPACITY OF 8 GPH OF 50 DEGREE WATER AT ARI CONDITIONS - 1-1/2" CAST BRASS P-TRAP - CHROME PLATED WALL SUPPLIES WITH LOOSE KEY QUARTER TURN STOPS - FLOOR MOUNTED BI-LEVEL CARRIER
HB-1	EXTERIOR WALL HYDRANT	WOODFORD	67	--	--	CHROME FINISH	--	--	MANUAL	--	--	--	3/4"	--	--	--	DOUBLE CHECK BACKFLOW PREVENTER - FREEZELESS - INSTALL 30" ABOVE FINISHED FLOOR (VERIFY MOUNTING HEIGHT WITH ARCHITECT)
HB-2	EXTERIOR WALL HYDRANT	WOODFORD	B67	7-1/2"W x 6-1/2"H BOX DIMENSIONS	--	CHROME FINISH, BRASS BOX	--	--	MANUAL	--	--	--	3/4"	--	--	--	DOUBLE CHECK BACKFLOW PREVENTER - FREEZELESS - TAMPER RESISTANT BRASS BOX - INSTALL 30" ABOVE GRADE (VERIFY MOUNTING HEIGHT WITH ARCHITECT)
IB-1	ICEMAKER BOX	SIOUX CHIEF	696-1010	--	--	ABS BOX AND FRAME	--	--	--	--	--	--	1/2"	--	--	--	ICE MAKER OUTLET BOX WITH ABS BOX AND FRAME, QUARTER TURN BALL VALVE, WATER HAMMER ARRESTOR, SUPPORT BRACKET AS NEEDED.
LV-1	LAVATORY WALL HUNG	AMERICAN STANDARD	DECORUM	20" x 18-1/4" x 5"	YES	WHITE VITREOUS CHINA	SLOAN	SF-2900	SENSOR	PLUG-IN	0.35	--	1/2"	1/2"	2"	1-1/2"	WALL HUNG VITREOUS CHINA LAVATORY WITH CENTER ONLY FAUCET HOLE, DRILLED FOR CONCEALED ARM CARRIER – DECK MOUNTED SENSOR OPERATED LAVATORY FAUCET, 0.35 GPM FLOW, THERMOSTATIC MIXING VALVE – PROVIDE DRAIN WITH GRID STRAINER – CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS – 1-1/4" CHROME PLATED CAST BRASS P-TRAP – WADE W-520 CONCEALED ARM CARRIER. INSULATE P-TRAP AND HOT WATER SUPPLY.
LV-2	LAVATORY - LIGATURE RESISTANT	WHITEHALL	WHD-BSN	--	YES	SOLID SURFACE	WHITEHALL	WH3377	MANUAL	--	0.35	--	1/2"	1/2"	2"	1-1/2"	LIGATURE RESISTANT ADA BARIATRIC SOLID SURFACE BASIN – LIGATURE RESISTANT DUAL TEMPERATURE SENSOR ACTIVATED FAUCET, 0.35 GPM NON-AERATED SPRAY NOZZLE, THERMOSTATIC MIXING VALVE -DRAIN WITH GRID STRAINER – CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS – 1-1/2" CHROME PLATED CAST BRASS P-TRAP. FLOOR MOUNTED CARRIER.
LV-3	LAVATORY - UNDERMOUNT	KOHLER	VERTICYL	19-13/16" x 15-5/8" x 6-3/4"	YES	WHITE VITREOUS CHINA	SLOAN	SF-2900	SENSOR	PLUG-IN	0.35	--	1/2"	1/2"	2"	1-1/2"	UNDERMOUNT VITREOUS CHINA LAVATORY – DECK MOUNTED SENSOR OPERATED LAVATORY FAUCET, 0.35 GPM FLOW, THERMOSTATIC MIXING VALVE – PROVIDE DRAIN WITH GRID STRAINER – CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS – 1-1/4" CHROME PLATED CAST BRASS P-TRAP – WADE W-520 CONCEALED ARM CARRIER. INSULATE P-TRAP AND HOT WATER SUPPLY.
MB-1	MOP BASIN	STERN WILLIAMS	SB-900	24" x 24" x 12"	--	TERAZZO	CHICAGO FAUCET CO	897-CCP	MANUAL	--	--	--	3/4"	3/4"	3"	2"	STAINLESS STEEL CAPS - STAINLESS STEEL BACKPLASH PANELS ON ADJACENT WALLS - CAST BRASS DRAIN WITH STAINLESS STEEL STRAINER - FAUCET WITH VACUUM BREAKER, STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, 3/4" HOSE THREAD SPOUT - 3" CAST IRON P-TRAP. CHICAGO FAUCET 387-XKCP HOSE BIBB MOUNTED ON WALL ABOVE MOP BASIN FOR USE WITH CHEMICAL DISPENSER.
SH-1	SHOWER	WHITEHALL	WH538-FH-CSH-SRCH	--	YES	CHROME FINISH	--	--	MANUAL	--	1.5	--	1/2"	1/2"	2"	1-1/2"	LIGATURE RESISTANT WALL SHOWER FIXTURE WITH TWO CONICAL FIXED SHOWERHEADS, DIVERTER VALVE, PRESSURE AND TEMPERATURE MIXING VALVE CONFORMING TO ASSE 1016. MOUNT SO THAT LOWER SHOWERHEAD IS AT 48"A.F.F. FLOOR DRAIN WITH GRATE SECURED WITH VANDAL PROOF STAINLESS STEEL SCREWS.
SK-1	SINK - SINGLE BOWL, DROP IN	ELKAY	LR1919	19-1/2" x 19" x 7-1/2", 16" x 13-1/2" x 7-3/8" BOWL	NO	STAINLESS STEEL	DELTA	27C2934	MANUAL	--	1.5	--	1/2"	1/2"	2"	1-1/2"	DROP IN SINK WITH 3 HOLES ON 8" CENTERS - GOOSENECK FAUCET WITH TWO LEVER HANDLES, CERAMIC DISC VALVES - PROVIDE WITH DUO STRAINER WITH NEOPRENE STOPPER - WALL SUPPLIES WITH LOOSE KEY QUARTER TURN STOPS - 1-1/2" CHROME PLATED CAST BRASS P-TRAP
SK-2	SINK SINGLE BOWL UNDERMOUNT	KOHLER	STRIVE K-5409	29" x 18-5/16", 27-1/4" x 16-9/16" x 9" BOWL	NO	STAINLESS STEEL	KOHLER	CRUE K-22972	MANUAL	--	1.5	--	1/2"	1/2"	2"	1-1/2"	16 GAUGE STAINLESS STEEL SINGLE COMPARTMENT UNDERMOUNT SINK - DECK MOUNTED THREE FUNCTION PULL DOWN SPRAYHEAD FAUCET WITH GOOSENECK SPOUT, SINGLE LEVER HANDLE, CERAMIC CARTRIDGES, 1.5 GPM FLOW, DRAIN WITH DUO STRAINERS AND STOPPER, CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS, 1-1/2"CHROME PLATED CAST BRASS P-TRAP.
SK-3	SINK SINGLE BOWL UNDERMOUNT	KOHLER	STRIVE K-5286	24" x 18-1/4" x 9-5/16"	NO	STAINLESS STEEL	KOHLER	CRUE K-22972	MANUAL	--	1.5	--	1/2"	1/2"	2"	1-1/2"	16 GAUGE STAINLESS STEEL SINGLE COMPARTMENT UNDERMOUNT SINK - DECK MOUNTED THREE FUNCTION PULL DOWN SPRAYHEAD FAUCET WITH GOOSENECK SPOUT, SINGLE LEVER HANDLE, CERAMIC CARTRIDGES, 1.5 GPM FLOW, DRAIN WITH DUO STRAINERS AND STOPPER, CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS, 1-1/2"CHROME PLATED CAST BRASS P-TRAP AND DISPOSER, IN SINK-ERATOR BADGER 1/3 HP W/ 3 FOOT, 3-PRONG CORD.
SK-4	SINK SINGLE BOWL UNDERMOUNT	ELKAY	ELUHAD211545	23-1/2"x18-1/4"x4-3/8"	YES	STAINLESS STEEL	CHICAGO FAUCET CO	786-GN8FCXKABCP	MANUAL	--	1.5	--	1/2"	1/2"	2"	1-1/2"	16 GAUGE STAINLESS STEEL SINGLE COMPARTMENT UNDERMOUNT SINK - DECK MOUNTED SINK FAUCET WITH GOOSENECK SPOUT, 1.5 GPM LAMINAR FLOW DEVICE IN SPOUT, WRISTBLADE HANDLES, CERAMIC DISC CARTRIDGES – DRAIN WITH GRID STRAINER – CHROME PLATED WALL SUPPLIES WITH LOOSE KEY STOPS – 1-1/2"CHROME PLATED CAST BRASS P-TRAP.
UR-1	URINAL - WALL MOUNTED	KOHLER	K-4991-ET "BARDON"	17" MAX RIM HEIGHT	YES	WHITE VITREOUS CHINA	SLOAN	186ESS-0.5-DFB-TMO-HW	SENSOR	HARD WIRED	--	0.5	3/4"	--	2"	1-1/2"	3/4" TOP SPUD - CARRIER - HARD-WIRED SENSOR OPERATED FLUSH VALVE WITH DUAL FILTERED BYPASS, TRUE MECHANICAL OVERRIDE
UR-2	URINAL - WALL MOUNTED	KOHLER	K-4991-ET "BARDON"	24" MAX RIM HEIGHT	NO	WHITE VITREOUS CHINA	SLOAN	186ESS-0.5-DFB-TMO-HW	SENSOR	HARD WIRED	--	0.5	3/4"	--	2"	1-1/2"	3/4" TOP SPUD - CARRIER - HARD-WIRED SENSOR OPERATED FLUSH VALVE WITH DUAL FILTERED BYPASS, TRUE MECHANICAL OVERRIDE
WB-1	WASHER DRAIN BOX	SIOUX CHIEF	696-G2313	--	--	ABS BOX AND FRAME	--	--	--	--	--	--	1/2"	1/2"	2"	1-1/2"	"STANDARD PACK" WITH DOUBLE BOX WITH CLIP, FRAME, BRACKET - MINI ARRESTORS
WC-1	WATER CLOSET - FLUSH VALVE - WALL MOUNTED	KOHLER	K-84325 "KINGSTON ULTRA"	17" MIN. - 19" MAX. SEAT HEIGHT	YES	WHITE VITREOUS CHINA	SLOAN	111ESS-1.28-DFB-TMO-HW	SENSOR	HARD WIRED	--	1.28	1-1/4"	--	3"	2"	ELONGATED BOWL - 1-1/2" TOP SPUD - CARRIER - HARD-WIRED SENSOR OPERATED FLUSH VALVE WITH DUAL FILTERED BYPASS, TRUE MECHANICAL OVERRIDE - WHITE, SOLID PLASTIC ELONGATED OPEN FRONT SEAT, LESS COVER INSTALL SO THAT THE CENTERLINE OF BOWL SHALL BE 16"-18"FROM THE NEAREST FINISHED WALL, FLUSH HANDLE SHALL BE ON THE WIDE SIDE OF THE TOILET ROOM.
WC-2	WATER CLOSET - FLUSH VALVE - WALL MOUNTED	KOHLER	K-84325 "KINGSTON ULTRA"	--	NO	WHITE VITREOUS CHINA	SLOAN	111ESS-1.28-DFB-TMO-HW	SENSOR	HARD WIRED	--	1.28	1-1/4"	--	3"	2"	ELONGATED BOWL - 1-1/2" TOP SPUD - CARRIER - HARD-WIRED SENSOR OPERATED FLUSH VALVE WITH DUAL FILTERED BYPASS, TRUE MECHANICAL OVERRIDE - WHITE, SOLID PLASTIC ELONGATED OPEN FRONT SEAT, LESS COVER
WC-3	WATER CLOSET - LIGATURE RESISTANT - HIGH RISK	WHITEHALL	WH2142-ADA-T-3-EGE10 -10	15-3/8" SEAT HEIGHT	YES	STAINLESS STEEL	WHITEHALL	WH2802-SLPT-ADA-1.6	MANUAL	--	--	1.6	1-1/4"	--	3"	2"	LIGATURE RESISTANT SIPHON JET TOILET WITH GRAY LIGATURE RESISTANT SEAT COVER –LIGATURE RESISTANT HYDRAULICALLY OPERATED 1.6 GPF FLUSH VALVE WITH PUSHBUTTON, SLOPING TOP COVER. MOUNT WITH CENTERLINE OF TOILET 16"-18" FROM NEAREST FINISHED WALL.
WC-4	WATER CLOSET - LIGATURE RESISTANT - LOW RISK	AMERICAN STANDARD	"HURON" 3341.001	17" MIN. - 19" MAX. SEAT HEIGHT	YES	WHITE VITREOUS CHINA	SLOAN	952-1.6-MBPM	MANUAL	--	--	1.6	1-1/4"	--	3"	2"	FLOOR MOUNTED, BACK OUTLET, VITREOUS CHINA, 17-1/8" HIGH ELONGATED BOWL, HIGH EFFICIENCY, SIPHON JET TOILET WITH 1-1/2" TOP SPUD – 1.28 GPF FLUSH VALVE WITH VACUUM BREAKER, TAILPIECE, DUAL FILTERED BYPASS – WHITE SOLID PLASTIC ELONGATED OPEN FRONT SEAT, LESS COVER. FLUSH HANDLE SHALL BE ON THE WIDE SIDE OF THE TOILET ROOM.

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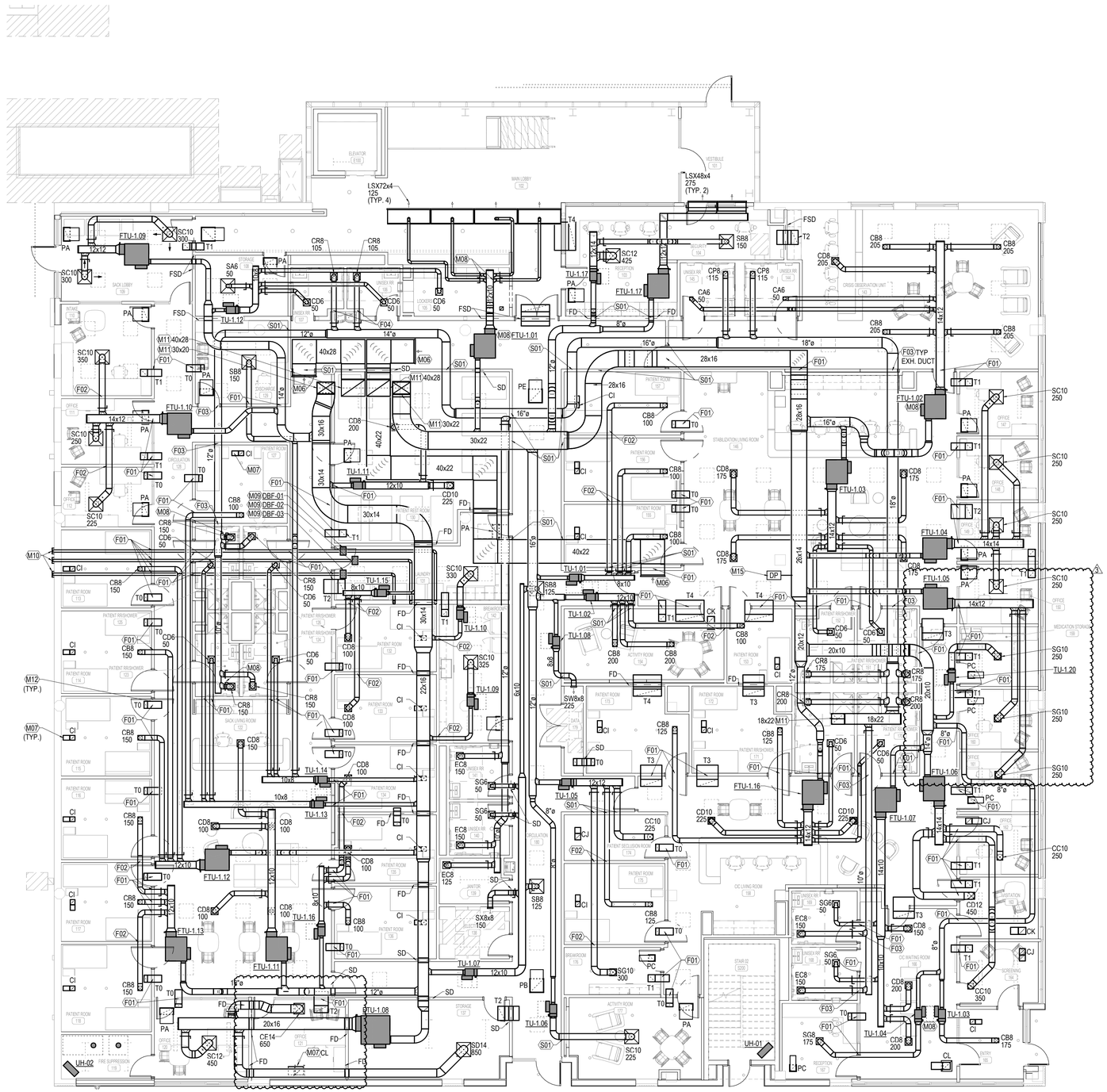
PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

NO.	REVISION	DATE:
3	ADDENDUM 3	07.28.2025

PLUMBING SCHEDULES

P601

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SHEET KEYNOTES

F01	DUCT INSTALLATION SHALL COMPLY WITH 2024 IMC 607.5.3 EXCEPTION 1 TO OMIT FIRE DAMPER AT PENETRATION OF FIRE PARTITION.
F02	DUCT INSTALLATION SHALL COMPLY WITH 2024 IMC 607.5.3 EXCEPTION 3 TO OMIT FIRE DAMPER AT PENETRATION OF FIRE PARTITION.
F03	DUCT INSTALLATION SHALL COMPLY WITH 2024 IMC 607.5.3 EXCEPTION 4 TO OMIT FIRE DAMPER AT PENETRATION OF FIRE PARTITION.
F04	DUCT INSTALLATION SHALL COMPLY WITH 2024 IMC 607.5.2 EXCEPTION 3 TO OMIT FIRE DAMPER AT PENETRATION OF FIRE BARRIER.
M06	RETURN AIR OPEN TO PLENUM.
M07	INSTALL RETURN AIR GRILLES WITH SOUND TRAP. REFER TO DETAIL A10/M502. TYPICAL.
M08	PROVIDE VANDAL RESISTANT ACCESS PANEL FOR DAMPER AND/OR MECHANICAL EQUIPMENT ACCESS. COORDINATE WITH ARCHITECTURAL.
M09	INSTALL DRYER BOOSTER FAN PER MANUFACTURER'S INSTRUCTIONS. FAN SHALL BE ACCESSIBLE ABOVE CEILING. INSTALL FAN STATUS DISPLAY ON WALL ABOVE DRYER AND IN LOCATION VISIBLE TO RESIDENTS.
M10	PROVIDE EXHAUST WALL CAP WITH BIRDSCREEN AND BACKDRAFT DAMPER.
M11	DUCT UP TO LEVEL ABOVE. INSTALL FSD AT LEVEL 2 SLAB PENETRATION.
M12	RETURN AIR TRANSFER DUCT. REFER TO DETAIL. TYPICAL.
M15	INSTALL STATIC DUCT PRESSURE SENSOR IN MEDIUM VELOCITY DUCTWORK. REFERENCE TEMPERATURE CONTROLS DETAILS FOR ADDITIONAL INFORMATION.
S01	DUCT INSTALLATION SHALL COMPLY WITH 2024 IMC 607.5.4 EXCEPTION 3 TO OMIT SMOKE DAMPER AT PENETRATION OF SMOKE BARRIER.

HVAC GENERAL NOTES

1. DUCT SIZES SHOWN ARE ACTUAL INSIDE CLEAR DIMENSIONS. INSULATION THICKNESS HAS NOT BEEN ACCOUNTED FOR. DUCTWORK EXPOSED TO SPACE SHALL NOT HAVE EXTERIOR INSULATION.
2. THE SPACE ABOVE THE CEILING IS BEING UTILIZED AS A RETURN AIR PLENUM. ALL RETURN GRILLES SHALL BE PROVIDED WITH SOUND BOOTS AND A DIRECT PATH TO THE AIR HANDLING SYSTEM RETURN AIR DUCT SHALL BE PROVIDED. WHERE FULL HEIGHT WALLS ARE BEING USED AND THE RETURN AIR PATH IS COMPROMISED, THE SOUND BOOT SHALL EXTEND THROUGH THE WALL OR TRANSFER DUCTS SHALL BE PROVIDED.
3. T-STATS, HUMIDISTATS AND CO2 SENSORS SHALL BE LOCATED NEXT TO LIGHT SWITCH WITHIN THE ROOM SHOWN. COORDINATE WITH GC AND ELECTRICAL CONTRACTOR TO MATCH HEIGHT AND LOCATION.
4. AVOID ROUTING DUCTWORK OVER ELECTRICAL ROOMS AND ELECTRICAL PANELS. MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
5. ALL SUPPLY AND EXHAUST AIR BRANCHES FOR DIFFUSERS OR GRILLES SHALL HAVE MANUAL BALANCE DAMPERS. RETURN AIR BRANCHES SHALL HAVE MANUAL BALANCE DAMPERS EXCEPT IN THE CASE OF RETURN AIR PLENUM. FOR PLAN CLARITY, NOT ALL DAMPERS MAY BE SHOWN. WHERE HARD LID CEILINGS PREVENT BALANCE DAMPER ACCESS, CONFIRM WITH GRD SCHEDULE OR CONFIRM WITH ENGINEER TO USE OBD'S OR REMOTE BALANCE DAMPERS IF NOT ALREADY INDICATED.
6. ALL DUCTWORK SHALL BE ROUTED AS HIGH AS POSSIBLE WITHIN THE CEILING SPACE. UTILIZE JOIST SPACE WHERE POSSIBLE, ESPECIALLY WHEN CROSSING OTHER DUCT, PIPE, AND ELECTRICAL.
7. PROVIDE FLEXIBLE DUCT AND PIPE CONNECTIONS TO ALL MOTORIZED EQUIPMENT.
8. VERIFY ALL EQUIPMENT ACCESS PANELS WITH MANUFACTURER AND ARCHITECT. ACCESS PANELS SHALL BE 24X24 UNLESS NOTED OTHERWISE LOCATIONS SHALL BE COORDINATED WITH THE ARCHITECT AND THE LOCATIONS OF THE EQUIPMENT THEY SERVE.
9. COORDINATE FINISH OF ALL EXPOSED DUCT WITH ARCHITECT. DUCTWORK THAT IS TO BE PAINTED SHALL HAVE A PAINT GRIP FINISH ACCEPTABLE FOR PAINTING.
10. EXPOSED SPIRAL DUCT GRILLES SHALL BE INSTALLED AT A 30 DEGREE ANGLE DOWNWARD BELOW HORIZONTAL.
11. REFER TO GRD SCHEDULE FOR DUCT CONNECTION SIZES. REFER TO TERMINAL BOX SCHEDULE FOR INLET DUCT SIZES.
12. CEILING COORDINATION OF ALL MEP SYSTEMS (LIGHTING, DUCTWORK, DIFFUSERS, ELECTRICAL, ETC.) MUST BE COMPLETED BY THE CONTRACTOR PRIOR TO THE START OF ANY NEW INSTALLATION.
13. IT IS ASSUMED THAT MOST OF THE RETURN AIR AND EXHAUST MAINS ARE MOUNTED HIGH ABOVE THE CEILING. BALANCE DAMPERS IN THE BRANCH DUCTS FROM THESE MAINS SHALL BE IN THE VERTICAL RISE OF BRANCH NO MORE THAN 48" (WHERE POSSIBLE) ABOVE THE GRILLES AND REGISTERS (SO BALANCE TECHNICIANS CAN EASILY ACCESS THEM THROUGH THE CEILING).
14. TERMINAL UNITS SHALL HAVE BOTTOM ELEVATION A MINIMUM 4" ABOVE TOP OF CEILING TILES AND AT MOST 24" ABOVE CEILING. UNITS WITH HUMIDIFIERS SHALL HAVE BOTTOM ELEVATION BETWEEN 48" AND 24" ABOVE THE CEILING. ALL OTHER FLOOR PLANS DO NOT SHOW DUCT ELEVATIONS. FLOOR PLANS DO NOT SHOW ALL DROPS AND RISERS REQUIRED.
15. ALL DUCTWORK PENETRATING WALLS OF INCIDENTAL USE SPACES SHALL COMPLY WITH REQUIREMENTS OF THE LATEST IBC, SECTION 717.

LEVEL 01 MECHANICAL FLOOR PLAN
1/8" = 1'-0"
A03

HVAC GENERAL NOTES
A01

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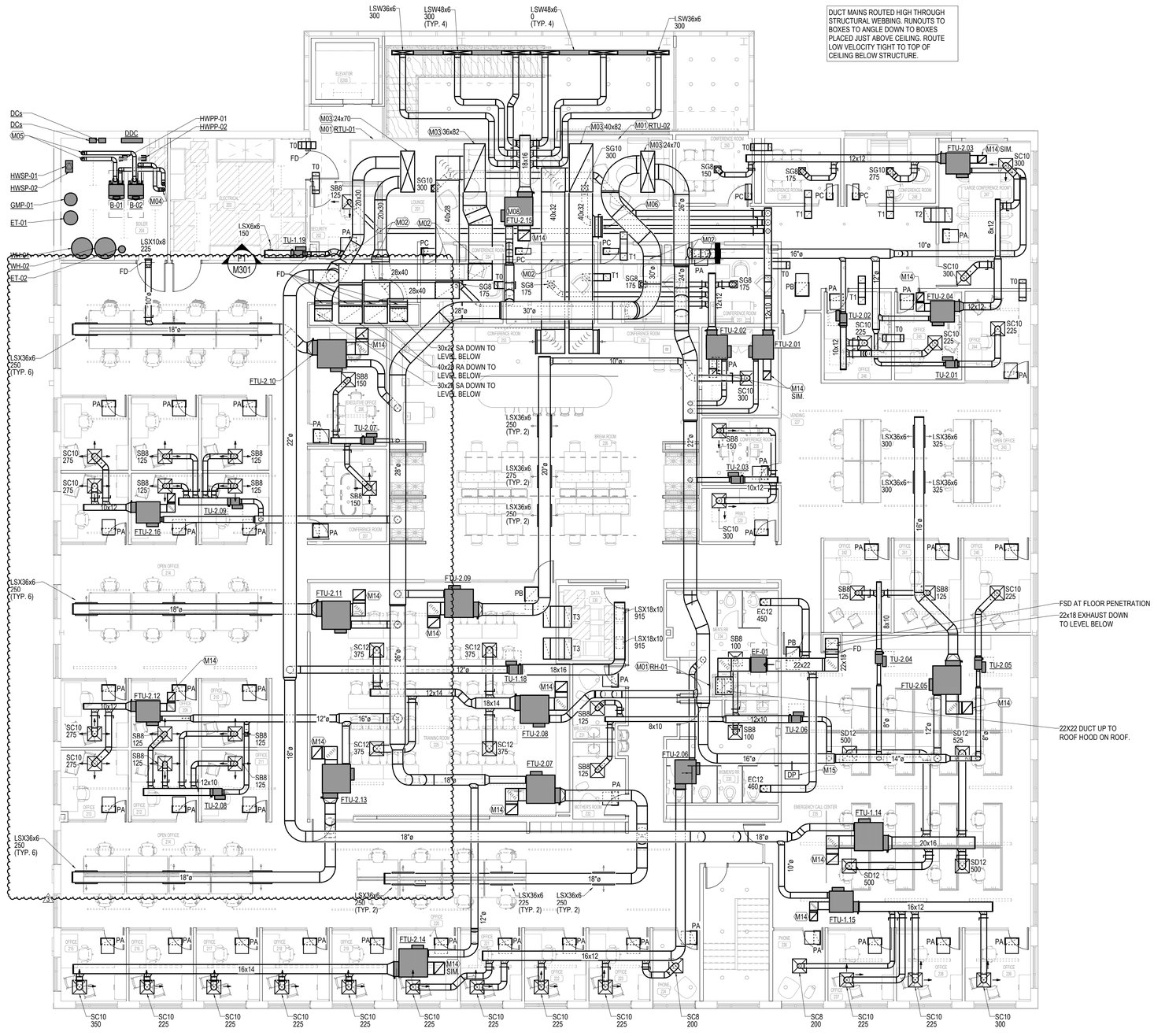
PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

NO.	REVISION	DATE:
3	ADDENDUM 3	07.28.2025

LEVEL 01 - MECHANICAL FLOOR PLAN

M101

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SHEET KEYNOTES

M01	MECHANICAL EQUIPMENT ON ROOF.
M02	ROUTE SUPPLY AND RETURN DUCT FROM AIR HANDLING UNITS THROUGH STRUCTURAL WEBBING.
M03	DUCT UP TO AIR HANDLING UNIT ON ROOF.
M04	COMBUSTION AIR FOR GAS FIRED EQUIPMENT UP THROUGH ROOF. FOLLOW MANUFACTURER RECOMMENDATIONS FOR SIZE, LENGTHS AND ROUTING.
M05	FLUE FROM GAS FIRED EQUIPMENT UP THROUGH ROOF. FOLLOW MANUFACTURER RECOMMENDATIONS FOR SIZE, LENGTHS AND ROUTING.
M06	RETURN AIR OPEN TO PLENUM.
M08	PROVIDE VANDAL RESISTANT ACCESS PANEL FOR DAMPER AND/OR MECHANICAL EQUIPMENT ACCESS. COORDINATE WITH ARCHITECTURAL.
M14	RETURN AIR SOUND TRAP. REFER TO DETAIL A1/M501. KEEP FTU RETURN AIR CONNECTION SIZE DUCT.
M15	INSTALL STATIC DUCT PRESSURE SENSOR IN MEDIUM VELOCITY DUCTWORK. REFERENCE TEMPERATURE CONTROLS DETAILS FOR ADDITIONAL INFORMATION.

HVAC GENERAL NOTES

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15. ALL DUCTWORK PENETRATING WALLS OF INCIDENTAL USE SPACES SHALL COMPLY WITH REQUIREMENTS OF THE LATEST IBC, SECTION 717.

LEVEL 02 MECHANICAL FLOOR PLAN — A03
1/8" = 1'-0"

HVAC GENERAL NOTES — A01

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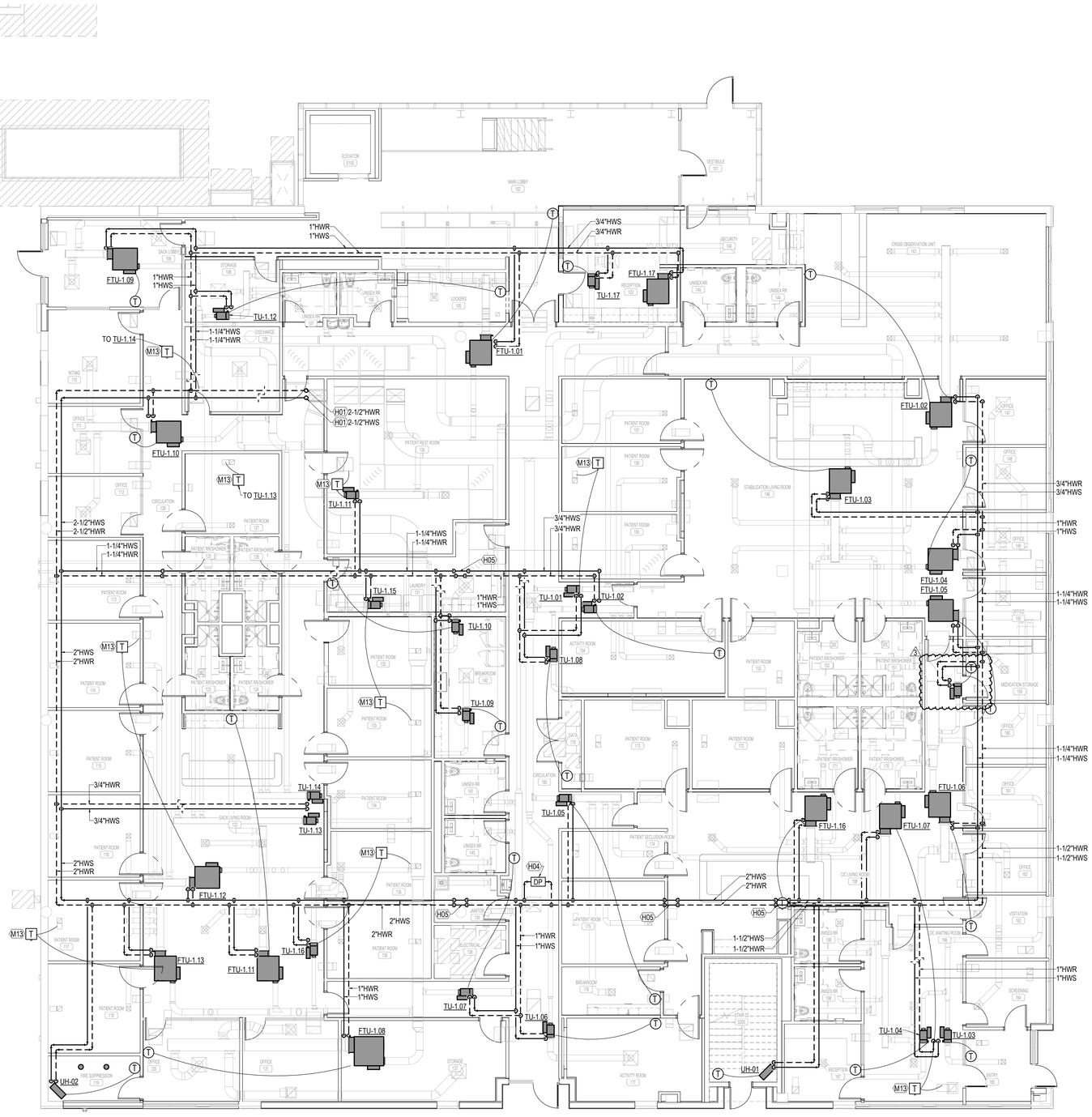
PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

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LEVEL 02 - MECHANICAL FLOOR PLAN

M102

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SHEET KEYNOTES

H01	PIPE UP TO LEVEL ABOVE.
H04	INSTALL DIFFERENTIAL PRESSURE SENSOR IN HOT WATER PIPING. REFERENCE TEMPERATURE CONTROLS DRAWINGS FOR ADDITIONAL INFORMATION.
H05	ROUTE HYDRONIC PIPING AS HIGH AS POSSIBLE. OFFSET AS REQUIRED FOR STRUCTURAL BEAMS. TYP.
M13	TEMPERATURE SENSOR LOCATED IN RETURN DUCT SOUND BOOT.

MECH. PIPING GENERAL NOTES

1. PIPING ON EXTERIOR WALLS OR PRE-CAST CONCRETE WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
2. AVOID ROUTING PIPING OVER ELECTRICAL ROOMS OR ELECTRICAL PANELS; MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
3. PROVIDE FLEXIBLE PIPE CONNECTIONS TO ALL MOTORIZED EQUIPMENT.
4. VERIFY ALL EQUIPMENT ACCESS PANELS WITH MANUFACTURER AND ARCHITECT.
5. REFER TO TERMINAL BOX SCHEDULE FOR ALL BRANCH HEATING WATER PIPE SIZES.
6. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILINGS IN AN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD LID CEILINGS. ACCESS PANELS SHALL BE 24X24 UNLESS NOTED OTHERWISE COORDINATE PANEL LOCATIONS WITH ARCHITECT.
7. CONTRACTOR SHALL MAINTAIN MINIMUM 4" CLEAR ABOVE LAY-IN CEILINGS.

LEVEL 01 MECHANICAL PIPING FLOOR PLAN — A03
1/8" = 1'-0"

HYDRONIC GEN. NOTES — A01

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LEVEL 01 - MECHANICAL PIPING FLOOR PLAN
M103

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SHEET KEYNOTES

H02	PIPE DOWN TO LEVEL BELOW.
H03	1" HWS/HWR PIPING UP TO AHU ON ROOF.
M01	MECHANICAL EQUIPMENT ON ROOF.

MECH. PIPING GENERAL NOTES

1. PIPING ON EXTERIOR WALLS OR PRE-CAST CONCRETE WALLS TO BE ROUTED IN FRAMED WALL ON INTERIOR SIDE OF INSULATION.
2. AVOID ROUTING PIPING OVER ELECTRICAL ROOMS OR ELECTRICAL PANELS; MAINTAIN N.E.C. CLEARANCES. COORDINATE ROUTING WITH ELECTRICAL CONTRACTOR.
3. PROVIDE FLEXIBLE PIPE CONNECTIONS TO ALL MOTORIZED EQUIPMENT.
4. VERIFY ALL EQUIPMENT ACCESS PANELS WITH MANUFACTURER AND ARCHITECT.
5. REFER TO TERMINAL BOX SCHEDULE FOR ALL BRANCH HEATING WATER PIPE SIZES.
6. ALL VALVES SHALL BE INSTALLED ABOVE DROP-IN CEILINGS IN AN ACCESSIBLE LOCATIONS, OR WITH ACCESS PANELS IN HARD LID CEILINGS. ACCESS PANELS SHALL BE 24X24 UNLESS NOTED OTHERWISE COORDINATE PANEL LOCATIONS WITH ARCHITECT.
7. CONTRACTOR SHALL MAINTAIN MINIMUM 4" CLEAR ABOVE LAY-IN CEILINGS.

N

LEVEL 02 MECHANICAL PIPING FLOOR PLAN
1/8" = 1'-0"

A03

HYDRONIC GEN. NOTES

A01

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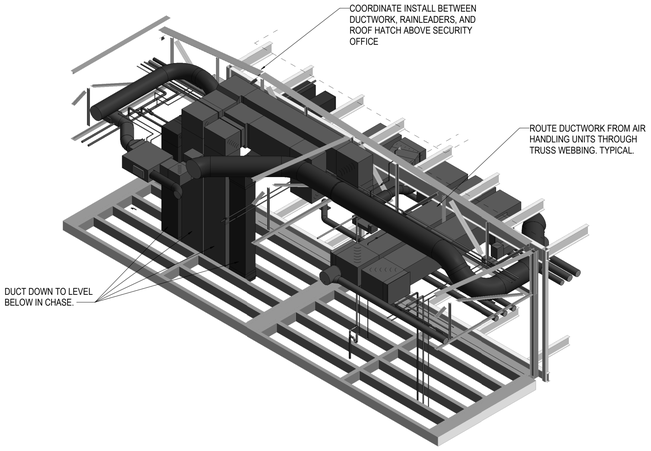
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LEVEL 02 - MECHANICAL PIPING FLOOR PLAN

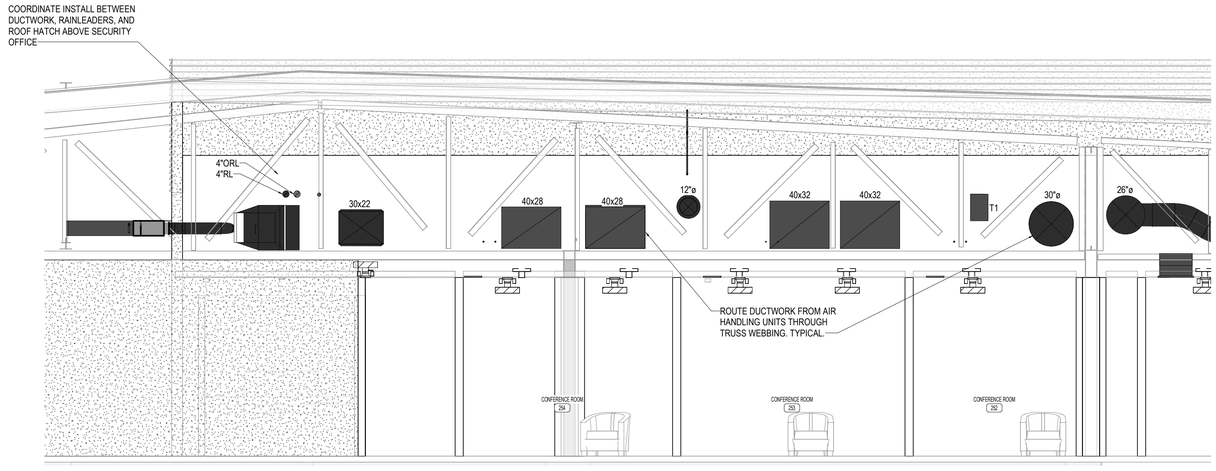
M104

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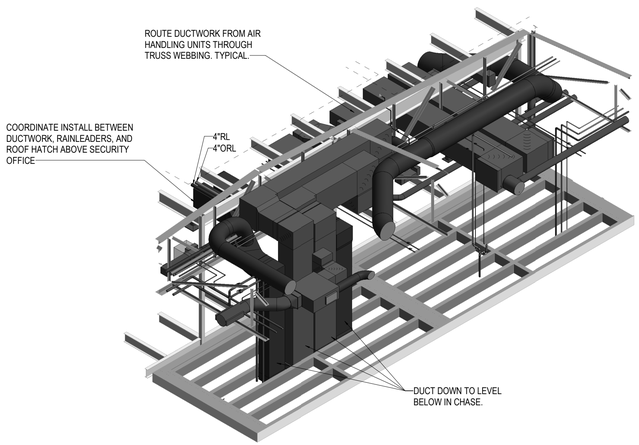
LEVEL 2 DUCT ENTRANCE 3D VIEW
(FOR REFERENCE ONLY)

F9



DUCT ENTRANCE ELEVATION
1/4" = 1'-0"

F1



LEVEL 2 DUCT ENTRANCE 3D VIEW
(FOR REFERENCE ONLY)

A9

REMOVED DETAIL FROM SHEET

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MECHANICAL SECTIONS

M301

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UNIT HEATER SCHEDULE - HOT WATER

REMARKS:
1. BASED ON DAIKIN UHH HORIZONTAL AIRFLOW DELIVERY HOT WATER UNIT HEATER.
2. PROVIDE WITH INTEGRAL DISCONNECT.
3. PROVIDE WITH MANUFACTURERS MOUNTING BRACKET FOR SUSPENDED INSTALLATION.

MARK	MFR	MODEL	LOC AT ROOM	AIR FLOW (CFM)	COIL				HP	ELECT	S & R RUNOUT SIZE (IN)	REMARKS
					FLOW (GPM)	MAX WPD (FT HD)	EWT (°F)	CAPACITY (MBH)				
UH-01	DAIKIN	UHH	S100 - STAIRS	400	1.3	0.5	140	8.5	1/30	120/1	3/4"	1,2,3
UH-02	DAIKIN	UHH	119 - FIRE SUPP.	400	1.3	0.5	140	8.5	1/30	120/1	3/4"	1,2,3

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

FIRST LETTER IN MARK:
S = SUPPLY DIFFUSER
R = RETURN GRILLE
P = PLENUM RETURN GRILLE
E = EXHAUST GRILLE
L = SLOT DIFFUSER
M = LAMINAR FLOW SUPPLY DIFFUSER
C = SECURITY GRILLE
U = FLOOR MOUNTED SUPPLY GRILLE

NOTES:
1. PROVIDE SQUARE TO ROUND ADAPTERS AS REQUIRED TO ACCOMMODATE ROUND RUNOUTS.
2. PROVIDE ALL LAY-IN GRDs WITH 24x24 LAY-IN PANEL AS REQUIRED.
3. FINISH TO BE WHITE UNLESS OTHERWISE SPECIFIED. COORDINATE AND VERIFY ALL FINISHES WITH ARCHITECT.
4. ALL SELECTIONS ARE BASED ON A MAXIMUM NC OF 25 UNLESS NOTED OTHERWISE.
5. CONTRACTOR SHALL VERIFY ALL CEILING TYPES AND ASSOCIATED BORDER TYPES.
6. MARKS USED MAY NOT BE IN SEQUENCE.
7. LOUVERED GRILLES TO HAVE FRONT BLADES PARALLEL TO LONG DIMENSION UNLESS WALL MOUNTED.
8. WALL MOUNTED LOUVERED GRILLES TO HAVE FRONT BLADES PARALLEL TO FLOOR.

MARK	TYPE	IMAGE	BASED ON		MOUNT	PANEL SIZE (FACE SIZE)	MATERIAL	BLADE SPACING / SLOT WIDTH	DEFLECTION	COLOR	REMARKS
			MFR	MODEL							
SA	SUPPLY DIFFUSER		TITUS	TDC-AA	LAY-IN	24x24 (6x6)	ALUMINUM	--	--	WHITE	LOUVERED FACE
SB	SUPPLY DIFFUSER		TITUS	TDC-AA	LAY-IN	24x24 (9x9)	ALUMINUM	--	--	WHITE	LOUVERED FACE
SC	SUPPLY DIFFUSER		TITUS	TDC-AA	LAY-IN	24x24 (12x12)	ALUMINUM	--	--	WHITE	LOUVERED FACE
SD	SUPPLY DIFFUSER		TITUS	TDC-AA	LAY-IN	24x24 (18x18)	ALUMINUM	--	--	WHITE	LOUVERED FACE
SG	SUPPLY DIFFUSER		TITUS	TDC-AA	SURFACE	12x12	ALUMINUM	--	--	WHITE	LOUVERED FACE
CA	SECURITY SUPPLY DIFFUSER		CARNES	RSPA41	SURFACE	6x6	ALUMINUM	--	--	WHITE	--
CB	SECURITY SUPPLY DIFFUSER		CARNES	RSPA41	SURFACE	8x8	ALUMINUM	--	--	WHITE	--
CC	SECURITY SUPPLY DIFFUSER		CARNES	RSPA41	SURFACE	10x10	ALUMINUM	--	--	WHITE	--
CD	SECURITY SUPPLY DIFFUSER		CARNES	RSPA41	SURFACE	12x12	ALUMINUM	--	--	WHITE	--
CE	SECURITY SUPPLY DIFFUSER		CARNES	RSPA41	SURFACE	18x18	ALUMINUM	--	--	WHITE	--
CH	SECURITY RETURN GRILLE		CARNES	RSPA41	SURFACE	6x6	ALUMINUM	--	--	WHITE	REFER TO SOUND TRAP DETAIL
CI	SECURITY RETURN GRILLE		CARNES	RSPA41	SURFACE	8x8	ALUMINUM	--	--	WHITE	REFER TO SOUND TRAP DETAIL
CJ	SECURITY RETURN GRILLE		CARNES	RSPA41	SURFACE	10x10	ALUMINUM	--	--	WHITE	REFER TO SOUND TRAP DETAIL
CK	SECURITY RETURN GRILLE		CARNES	RSPA41	SURFACE	12x12	ALUMINUM	--	--	WHITE	REFER TO SOUND TRAP DETAIL
CL	SECURITY RETURN GRILLE		CARNES	RSPA41	SURFACE	18x18	ALUMINUM	--	--	WHITE	REFER TO SOUND TRAP DETAIL
CP	SECURITY EXHAUST GRILLE		CARNES	RSPA41	SURFACE	8x8	ALUMINUM	--	--	WHITE	--
CR	SECURITY EXHAUST GRILLE		CARNES	RSPA41	SURFACE	12x12	ALUMINUM	--	--	WHITE	--
LSW	WALL SUPPLY		TITUS	ML-39	WALL	48" WIDTH	ALUMINUM	1" SLOT WIDTH	-	MATCH WALL	BORDER TYPE 22 AND CONCEALED FASTENERS - COORDINATE COLOR WITH FINAL PAINT OF DUCT
LSX	DUCT MOUNTED SUPPLY		TITUS	ML-39	DUCT	48" WIDTH	ALUMINUM	1" SLOT WIDTH	-	MATCH DUCT	BORDER TYPE 16 AND CONCEALED FASTENERS - COORDINATE COLOR WITH FINAL PAINT OF DUCT
SW	WALL SUPPLY		TITUS	300FS	WALL	SEE PLANS	ALUMINUM	3/4"	DOUBLE	MATCH WALL	--
SX	DUCT MOUNTED SUPPLY		TITUS	300FS	DUCT	SEE PLANS	ALUMINUM	3/4"	DOUBLE	MATCH DUCT	--
PA	RETURN GRILLE (PLENUM RETURN)		TITUS	350FL	LAY-IN	24x12 (22x10)	ALUMINUM	3/4"	35°	WHITE	REFER TO SOUND TRAP DETAIL
PB	RETURN GRILLE (PLENUM RETURN)		TITUS	350FL	LAY-IN	24x24 (22x22)	ALUMINUM	3/4"	35°	WHITE	REFER TO SOUND TRAP DETAIL
PC	RETURN GRILLE (PLENUM RETURN)		TITUS	350FL	SURFACE	12x12 (10x10)	ALUMINUM	3/4"	35°	WHITE	REFER TO SOUND TRAP DETAIL
PE	RETURN GRILLE (PLENUM RETURN)		TITUS	350FL	SURFACE	24x24 (22x22)	ALUMINUM	3/4"	35°	WHITE	REFER TO SOUND TRAP DETAIL
EC	EXHAUST GRILLE		TITUS	350FL	SURFACE	12x12 (10x10)	ALUMINUM	3/4"	35°	WHITE	--

TERMINAL UNIT SCHEDULE

REMARKS:
1. ALL TERMINAL UNITS SHALL BE PROVIDED WITH FLOW-RING SERVICE 'T'.
2. ALL TERMINAL UNITS SHALL BE PROVIDED WITH FIBER FREE STERILOC LINER.
3. COIL SELECTIONS BASED ON 30% PROPYLENE GLYCOL SOLUTION.
4. PROVIDE WITH 3-WAY VALVE.

MARK	BASED ON		UNIT SIZE	INLET SIZE (INCH)	PRIMARY AIRFLOW		OP SP (IN WC)	MAX NC RAD	HEATING COIL												ELEC		LINER TYPE	REMARKS
	MFR	MODEL			MAX (CFM)	MIN (CFM)			AIR			HOT WATER COIL									VOLT	PHASE		
									CFM	EAT (°F)	LAT (°F)	CAP. (MBH)	EWT (°F)	LWT (°F)	APD (IN WG)	FLOW (GPM)	WPD (FT H20)	ROWS	FPI	S & R RUNOUT SIZE (INCH)				
TU-1.01	TITUS	DESV	6	6"	300	100	1	30	150	55	95	6.4	140	126	0.1	0.9	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.02	TITUS	DESV	8	8"	500	150	1	30	150	55	98	6.8	140	123	0.2	0.8	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.03	TITUS	DESV	6	6"	175	175	1	30	175	55	91	6.6	140	124	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.04	TITUS	DESV	6	6"	175	175	1	30	175	55	91	6.6	140	124	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3,4
TU-1.05	TITUS	DESV	8	8"	650	200	1	30	200	55	93	8	140	121	0.3	0.8	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.06	TITUS	DESV	6	6"	225	225	1	30	225	55	90	8.3	140	125	0.1	1.2	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.07	TITUS	DESV	8	8"	500	125	1	30	125	55	97	5.6	140	127	0.2	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.08	TITUS	DESV	6	6"	225	75	1	30	0	55	55	0	0	0	0.1	0.0	1	0	10	3/4"	120	1	STERILOC	1,2,3
TU-1.09	TITUS	DESV	6	6"	325	125	1	30	125	55	97	5.6	140	127	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.10	TITUS	DESV	6	6"	330	100	1	30	100	55	101	4.9	140	128	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3,4
TU-1.11	TITUS	DESV	8	8"	425	175	1	30	175	55	95	7.4	140	122	0.1	0.8	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.12	TITUS	DESV	6	6"	200	200	1	30	200	55	88	7.1	140	123	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.13	TITUS	DESV	6	6"	200	200	1	30	200	55	88	7.1	140	123	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.14	TITUS	DESV	6	6"	250	250	1	30	250	55	85	7.9	140	122	0.1	0.9	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.15	TITUS	DESV	6	6"	200	100	1	30	100	55	101	4.9	140	128	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.16	TITUS	DESV	6	6"	300	125	1	30	125	55	97	5.6	140	127	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.17	TITUS	DESV	8	8"	575	175	1	30	175	55	95	7.4	140	122	0.2	0.8	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-1.18	TITUS	DESV	12	12"	1830	550	1	30	0	55	55	0	0	0	0.1	0.0	0	0	10	3/4"	120	1	STERILOC	1,2,3
TU-1.19	TITUS	DESV	8	8"	150	150	1	30	0	55	55	0	0	0	0.1	0.0	0	0	10	3/4"	120	1	STERILOC	1,2,3
TU-1.20	TITUS	DESV	6	6"	250	75	1	30	125	55	96	5.4	140	131	0.1	1.3	0.4	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.01	TITUS	DESV	6	6"	225	100	1	30	100	55	101	4.9	140	128	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.02	TITUS	DESV	8	8"	450	135	1	30	135	55	100	6.4	140	124	0.1	0.8	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.03	TITUS	DESV	8	8"	450	135	1	30	135	55	100	6.4	140	124	0.1	0.8	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.04	TITUS	DESV	6	6"	250	125	1	30	125	55	97	5.6	140	127	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.05	TITUS	DESV	6	6"	225	125	1	30	125	55	97	5.6	140	127	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.06	TITUS	DESV	8	8"	450	150	1	30	150	55	98	6.8	140	123	0.1	0.8	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.07	TITUS	DESV	6	6"	300	125	1	30	125	55	97	5.6	140	127	0.1	0.8	0.1	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.08	TITUS	DESV	8	8"	500	150	1	30	150	55	100	7.1	140	126	0.2	1.0	0.2	2	10	3/4"	120	1	STERILOC	1,2,3
TU-2.09	TITUS	DESV	8	8"	500	150	1	30	150	55	100	7.1	140	126	0.2	1.0	0.2	2	10	3/4"	120	1	STERILOC	1,2,3

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PROJECT NO. 24001.01

BID & PERMIT SET 03.26.25

NO.	REVISION	DATE:
3	ADDENDUM 3	07.28.2025

MECHANICAL SCHEDULES

M602

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FAN TERMINAL UNIT SCHEDULE - HOT WATER REHEAT

REMARKS:

1. ALL FAN POWERED TERMINAL UNITS SHALL BE PROVIDED WITH FLOW-RING SERVICE 'T'.
2. ALL FAN POWERED TERMINAL UNITS SHALL BE PROVIDED WITH FIBER FREE LINER.
3. ALL ELECTRIC FAN POWERED TERMINAL UNITS SHALL BE PROVIDED WITH INDEPENDENT DISCONNECT SWITCH AND FUSE BLOCK BY EQUIPMENT MANUFACTURER.
4. TCC SHALL PROVIDE AND INSTALL 24V CONTROL TRANSFORMER AT EACH TERMINAL UNIT.
5. SERIES FAN POWERED BOX WITH ECM MOTOR.
6. HOT WATER COIL SELECTION BASED ON 30% PROPYLENE GLYCOL.
7. CONTROL VALVE ORIENTATION SHALL BE 2-WAY.
8. CONTROL VALVE ORIENTATION SHALL BE 3-WAY.

MARK	MFR	MODEL	UNIT SIZE	INLET SIZE (IN)	AIR FLOW		OP SP (IN WC)	NC RAD	FAN			HOT WATER COIL											ELEC		REMARKS
												AIR			HOT WATER COIL										
					MAX (CFM)	MIN (CFM)			FLOW (CFM)	ESP (IN WC)	HP	AIRFLOW (CFM)	EAT (°F)	LAT (°F)	CAP (MBH)	EWT (°F)	LWT (°F)	APD (IN WC)	FLOW (GPM)	WPD (FT HD)	ROWS	S & R RUNOUT (IN)	VOLT	PH	
FTU-1.01	TITUS	DTQS	04	08	500	150	1	34	500	0.47	0.50	500	65	95	15.3	140	110	0.05	1.0	0.43	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.02	TITUS	DTQS	06	12	1125	350	1	37	1125	0.49	1.00	1125	65	95	34.6	140	111	.07	2.4	2.2	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-1.03	TITUS	DTQS	03	08	750	225	1	37	750	0.51	0.25	750	65	90	19.1	140	107	.09	1.2	0.52	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-1.04	TITUS	DTQS	04	10	1000	300	1	41	1000	0.57	0.50	1000	65	90	25.4	140	114	.15	2.0	1.01	2	3/4"	120	1	1,2,3,4,5,6,7
⚠3 FTU-1.05	TITUS	DTQS	04	08	500	150	1	34	500	0.47	0.50	500	65	94	14.4	140	118	.05	1.3	0.89	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.06	TITUS	DTQS	04	10	1050	315	1	42	1050	0.58	0.50	1050	65	85	21.3	140	103	.16	1.2	0.52	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-1.07	TITUS	DTQS	04	08	650	200	1	37	650	0.49	0.50	650	65	90	16.6	140	106	.07	1.0	0.4	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.08	TITUS	DTQS	06	12	1950	600	1	46	1950	0.6	1.00	1950	65	87	43.7	140	104	.18	2.5	2.35	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.09	TITUS	DTQS	04	08	600	180	1	36	600	0.48	0.50	600	65	90	15.3	140	105	.06	0.9	0.34	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-1.10	TITUS	DTQS	04	08	825	250	1	39	825	0.53	0.50	825	65	85	16.7	140	101	.11	0.9	0.33	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.11	TITUS	DTQS	04	08	550	175	1	35	550	0.48	0.50	550	65	91	14.5	140	105	.06	0.8	0.32	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.12	TITUS	DTQS	04	08	450	135	1	32	450	0.46	0.50	450	65	95	14.4	140	110	.04	1.0	0.39	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.13	TITUS	DTQS	04	08	450	135	1	32	450	0.46	0.50	450	65	97	14.5	140	111	.04	1.0	0.42	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.14	TITUS	DTQS	06	12	2025	625	1	46	2025	0.61	1.00	2025	65	85	41.3	140	100	.19	2.1	1.67	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-1.15	TITUS	DTQS	04	10	950	300	1	40	950	0.56	0.50	950	65	90	24.4	140	113	.14	1.8	0.87	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.16	TITUS	DTQS	04	08	800	240	1	39	800	0.52	0.50	800	65	87	17.9	140	103	.1	1.0	0.41	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-1.17	TITUS	DTQS	04	08	550	350	1	35	550	0.48	0.50	550	65	95	22.4	140	120	.06	2.3	1.38	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-2.01	TITUS	DTQS	04	08	900	275	1	40	900	0.54	0.50	900	65	85	18.3	140	101	.12	1.0	0.39	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-2.02	TITUS	DTQS	04	08	700	210	1	37	700	0.5	0.50	700	65	87	15.7	140	102	.08	0.8	0.32	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-2.03	TITUS	DTQS	04	08	600	180	1	36	600	0.48	0.50	600	65	90	15.3	140	105	.06	0.9	0.34	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-2.04	TITUS	DTQS	04	08	625	190	1	36	625	0.49	0.50	625	65	90	15.9	140	105	.07	0.9	0.37	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-2.05	TITUS	DTQS	06	12	1250	375	1	38	1250	0.51	1.00	1250	65	85	25.3	140	91	.09	1.0	0.63	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-2.06	TITUS	DTQS	04	10	1100	330	1	42	1100	0.59	0.50	1100	65	90	28	140	117	.17	2.4	1.49	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-2.07	TITUS	DTQS	06	12	1450	435	1	40	1450	0.53	1.00	1450	65	85	29.3	140	93	.11	1.3	0.83	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-2.08	TITUS	DTQS	06	12	1500	450	1	41	1500	0.54	1.00	1500	65	85	30.4	140	93	.12	1.3	0.89	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-2.09	TITUS	DTQS	06	12	1850	555	1	44	1850	0.59	1.00	1850	65	85	37.4	140	97	.17	1.8	1.26	2	3/4"	120	1	1,2,3,4,5,6,7
⚠3 FTU-2.10	TITUS	DTQS	06	12	1725	515	1	43	1725	0.40	1.00	1725	65	85	34.9	140	105	.15	2.1	2.52	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-2.11	TITUS	DTQS	06	12	1500	450	1	41	1500	0.40	1.00	1500	65	90	38.1	140	112	.12	2.8	3.91	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-2.12	TITUS	DTQS	04	08	550	165	1	35	550	0.48	0.50	550	65	91	14.4	140	105	.06	0.8	0.32	2	3/4"	120	1	1,2,3,4,5,6,8
⚠3 FTU-2.13	TITUS	DTQS	06	12	1500	450	1	41	1500	0.40	1.00	1500	65	90	38.1	140	112	.12	2.8	3.91	2	3/4"	120	1	1,2,3,4,5,6,7
FTU-2.14	TITUS	DTQS	06	12	1250	375	1	38	1250	0.51	1.00	1250	65	90	31.8	140	101	.09	1.6	1.09	2	3/4"	120	1	1,2,3,4,5,6,8
FTU-2.15	TITUS	DTQS	06	12	1800	600	1	43	1800	0.58	1.00	1800	65	90	46.7	140	112	0.16	3.4	4.09	2	3/4"	120	1	1,2,3,4,5,6,7
⚠3 FTU-2.16	TITUS	DTQS	04	08	550	165	1	35	550	0.48	0.50	550	65	91	14.4	140	105	.06	0.8	0.32	2	3/4"	120	1	1,2,3,4,5,6,8

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NO.	REVISION	DATE:
3	ADDENDUM 3	07.28.2025

MECHANICAL SCHEDULES

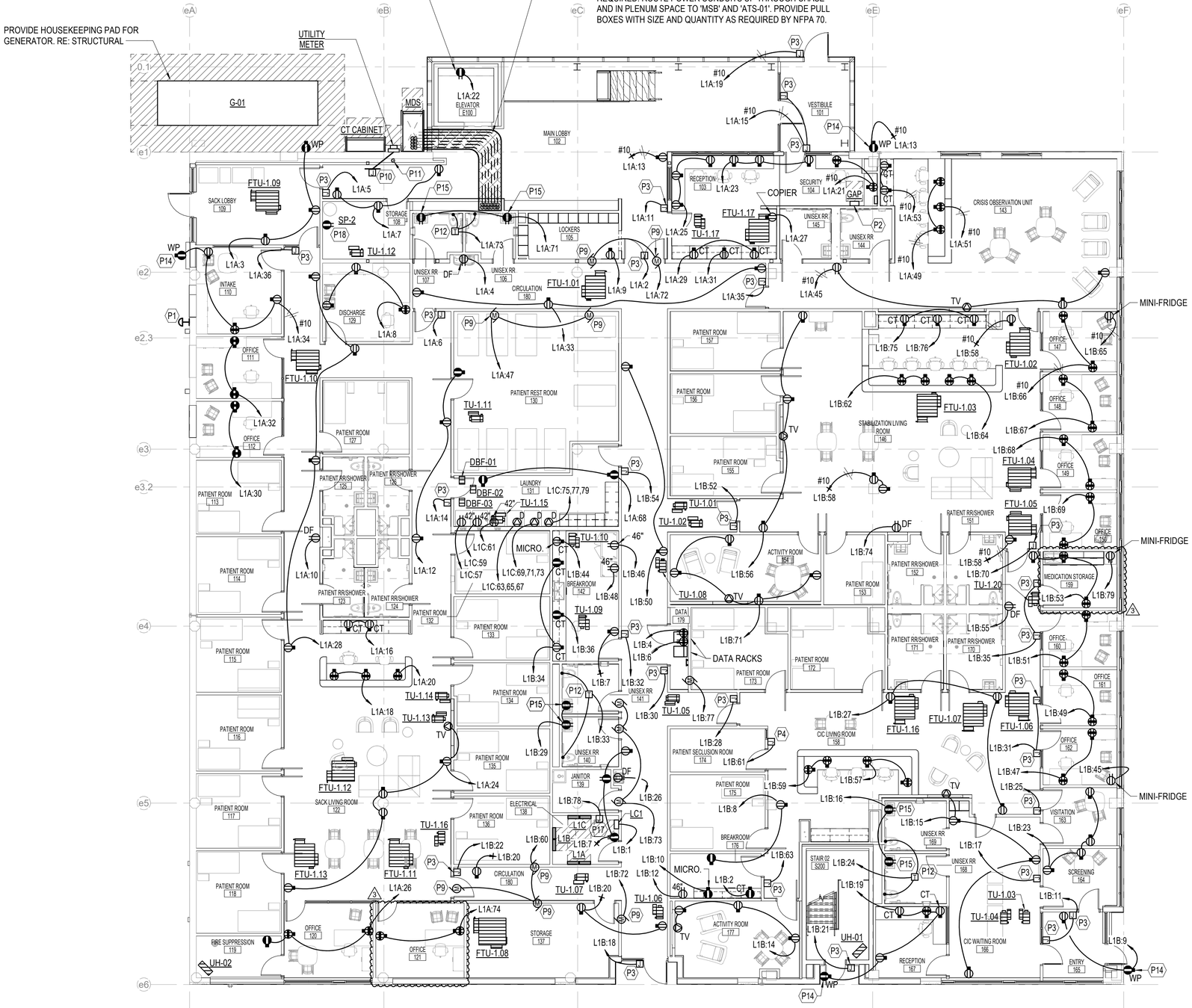
M603

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NO EXPOSED CONDUIT ON EXTERIOR WALLS.

FOR POWER IN ELEVATOR PIT REFERENCE ELEVATOR DETAIL. RE: A01 / E503 FOR MORE INFORMATION.

ROUTE POWER CONDUITS FROM 'MDS' AND 'G-01' WITHIN HATCHED REGION TO CHASE AS SHOWN. PROVIDE SEPARATION BETWEEN NORMAL AND EMERGENCY POWER AS REQUIRED. ROUTE POWER CONDUITS UP THROUGH CHASE AND IN PLENUM SPACE TO 'MSB' AND 'ATS-01'. PROVIDE PULL BOXES WITH SIZE AND QUANTITY AS REQUIRED BY NFPA 70.



KEYNOTES

- P1 PROVIDE REMOTE SHUTDOWN SWITCH FOR GENERATOR, 'G-01' PER SPECIFICATIONS.
- P2 PROVIDE GENERATOR ANNUNCIATOR PANEL FOR GENERATOR, 'G-01' PER SPECIFICATIONS.
- P3 PROVIDE POWER FOR ELECTRIFIED DOOR HARDWARE. COORDINATE INSTALLATION REQUIREMENTS WITH COMMUNICATIONS PLANS AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS.
- P4 POWER FOR PUSHBUTTON ELECTROMAGNETIC DOOR HOLD. COORDINATE INSTALLATION REQUIREMENTS WITH MANUFACTURER.
- P9 FIRE SMOKE DAMPER. COORDINATE EXACT LOCATION WITH MECHANICAL PLANS. PROVIDE FUSTAT AS LOCAL DISCONNECTING MEANS.
- P10 PROVIDE WIREWAY FOR ATS CONTROLS FROM GENERATOR. SIZE WIREWAY PER NFPA 70 WITH POWER DISTRIBUTION BLOCKS AS REQUIRED. MOUNT WIREWAY UNDER UTILITY METER. RE: ONE-LINE DIAGRAM A03 / E601 FOR MORE INFORMATION.
- P11 ROUTE ATS CONTROLS CONDUIT FROM WIREWAY MOUNTED UNDER UTILITY METER THROUGH FURRING TO 'ATS-01' AS INDICATED ON PLAN. PROVIDE PULL BOXES AS REQUIRED BY NFPA 70.
- P12 LOW VOLTAGE WATER CLOSET/URINAL SENSOR TRANSFORMER. PROVIDE GFI BREAKER AS INDICATED ON PANEL SCHEDULE. PROVIDE LOW VOLTAGE CABLING TO ALL AUTOMATIC SENSORS IN SPACE. COORDINATE QUANTITY AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. VERIFY ALL CONNECTION REQUIREMENTS WITH MANUFACTURER.
- P14 RECEPTACLE SHALL BE PROVIDED WITH LOCKABLE COVER.
- P15 CONTRACTOR TO COORDINATE INSTALLATION REQUIREMENTS OF AUTOMATIC FAUCETS WITH PLUMBING SPECIFICATIONS. CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE PER NFPA 70 TO SERVE AUTOMATIC FAUCETS.
- P17 POWER TO SECURITY ACCESS CONTROL PANEL. JUNCTION BOX SHOWN ON PLAN FOR CLARITY. COORDINATE ALL REQUIREMENTS WITH DIV. 27 SPECIFICATIONS.
- P18 RECEPTACLE FOR SUMP PUMP SP-2. SEE CONNECTION SCHEDULE FOR CIRCUIT INFORMATION. VERIFY FINAL MOUNTING LOCATION WITH MECHANICAL EQUIPMENT LOCATION PRIOR TO ROUGH-IN.

POWER GENERAL NOTES

1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS WITH INDIVIDUAL NEUTRALS. A MAXIMUM OF THREE CIRCUITS (MAXIMUM OF THREE PHASE CONDUCTORS) MAY BE GROUPED IN A SINGLE CONDUIT. WHERE MULTIPLE CIRCUITS ARE LOCATED IN THE SAME RACEWAY, JUNCTION BOX OR ENCLOSURE, NEUTRALS SHALL BE MARKED OR LABELED TO INDICATE WHICH CIRCUIT THEY ARE ASSOCIATED WITH. SEE SPECIFICATION SECTION "LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL INFORMATION.
2. A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL CONDUITS.
3. FOR CONNECTION REQUIREMENTS TO MECHANICAL UNITS, SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE.
4. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
5. FOR ALL PENETRATIONS IN FIRE RATED WALLS AND CEILINGS, PROVIDE AN ASTM E814 COMPLIANT, U.L. LISTED THROUGH PENETRATION FIRE STOPPING SYSTEM THAT IS SPECIFIC TO THE WALL OR CEILING CONSTRUCTION ASSEMBLY. INSTALL SYSTEM IN STRICT COMPLIANCE WITH THE U.L. ASSEMBLY INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
6. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
7. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES OR PROTECTED BY OTHER MEANS ALLOWED BY THE SPECIFIC U.L. ASSEMBLY.
8. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF STC RATED WALLS. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF STC RATED WALLS SHALL BE LIMITED TO TWO OUTLET BOXES PER STUD SPACE AND COVERED WITH "PUTTY PAD" TYPE MOLDABLE FIRE BARRIER.
9. FIELD VERIFY THE EXACT LOCATION OF ALL FLOOR BOXES, POKE THROUGHS, AND WATER FOUNTAINS WITH ARCHITECT PRIOR TO ROUGH-IN. CONTRACTOR SHALL COORDINATE POKE-THROUGH LOCATION WITH EXISTING STRUCTURE.
10. ELECTRICAL DEVICES SHALL BE SECURED WITH TAMPER PROOF FASTENERS.

LEVEL 01 ELECTRICAL POWER FLOOR PLAN
1/8" = 1'-0"

A03

POWER GENERAL NOTES

A01

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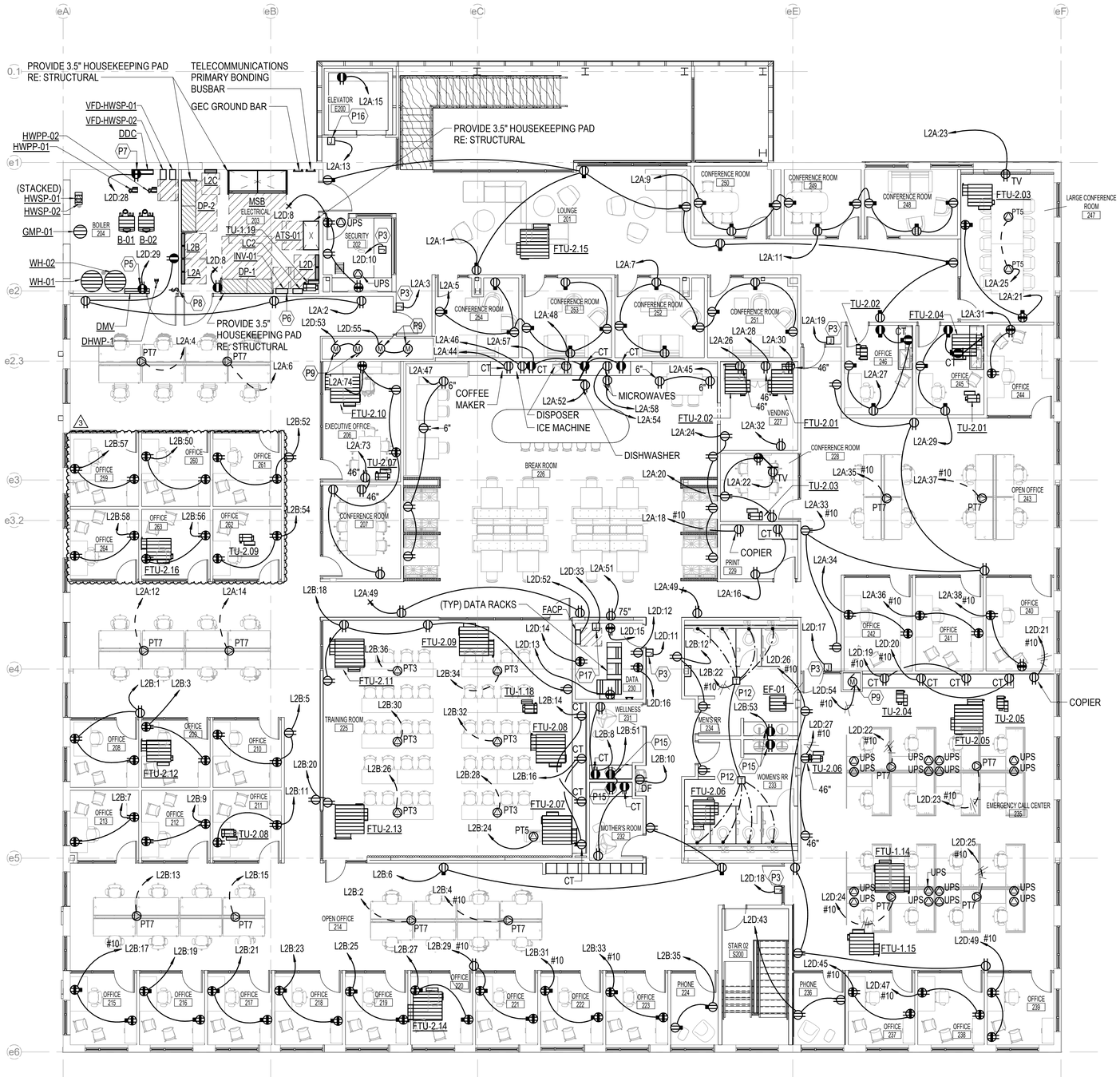
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3	ADDENDUM 3	07.28.2025

LEVEL 01 ELECTRICAL POWER FLOOR PLAN

E131

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NO EXPOSED CONDUIT ON EXTERIOR WALLS.



KEYNOTES

#	
P3	PROVIDE POWER FOR ELECTRIFIED DOOR HARDWARE. COORDINATE INSTALLATION REQUIREMENTS WITH COMMUNICATIONS PLANS AND ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS.
P5	PROVIDE RECEPTACLE AS SHOWN FOR DIGITAL MIXING VALVE. VERIFY LOCATION WITH MECHANICAL PLANS PRIOR TO ROUGH-IN.
P6	PROVIDE QTY (1) ISOLITE MINI-INVERTER #E3-550-LC-V1-11-20-30-WB OR PRE-APPROVED EQUAL.
P7	PROVIDE RECEPTACLE AS SHOWN FOR DDC HEAD END. VERIFY LOCATION WITH MECHANICAL PLANS PRIOR TO ROUGH-IN.
P8	PROVIDE BOILER SHUTDOWN SWITCH. RE: EQUIPMENT CONNECTION SCHEDULE ON SHEET E611 FOR MORE INFORMATION.
P9	FIRE SMOKE DAMPER. COORDINATE EXACT LOCATION WITH MECHANICAL PLANS. PROVIDE FUSTAT AS LOCAL DISCONNECTING MEANS.
P12	LOW VOLTAGE WATER CLOSET/URINAL SENSOR TRANSFORMER. PROVIDE GFI BREAKER AS INDICATED ON PANEL SCHEDULE. PROVIDE LOW VOLTAGE CABLING TO ALL AUTOMATIC SENSORS IN SPACE. COORDINATE QUANTITY AND LOCATION WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. VERIFY ALL CONNECTION REQUIREMENTS WITH MANUFACTURER.
P15	CONTRACTOR TO COORDINATE INSTALLATION REQUIREMENTS OF AUTOMATIC FAUCETS WITH PLUMBING SPECIFICATIONS. CONTRACTOR SHALL PROVIDE GFCI RECEPTACLE PER NFPA 70 TO SERVE AUTOMATIC FAUCETS.
P16	PROVIDE DEDICATED CIRCUIT FOR SMOKE CURTAIN SERVING ELEVATOR. COORDINATE INSTALLATION REQUIREMENTS WITH SMOKE CURTAIN MANUFACTURER.
P17	POWER TO SECURITY ACCESS CONTROL PANEL. JUNCTION BOX SHOWN ON PLAN FOR CLARITY. COORDINATE ALL REQUIREMENTS WITH DIV. 27 SPECIFICATIONS.

POWER GENERAL NOTES

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10. ELECTRICAL DEVICES SHALL BE SECURED WITH TAMPER PROOF FASTENERS.

N

LEVEL 02 ELECTRICAL POWER FLOOR PLAN
1/8" = 1'-0"

A03

POWER GENERAL NOTES

A01

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LEVEL 02 ELECTRICAL POWER FLOOR PLAN

E132

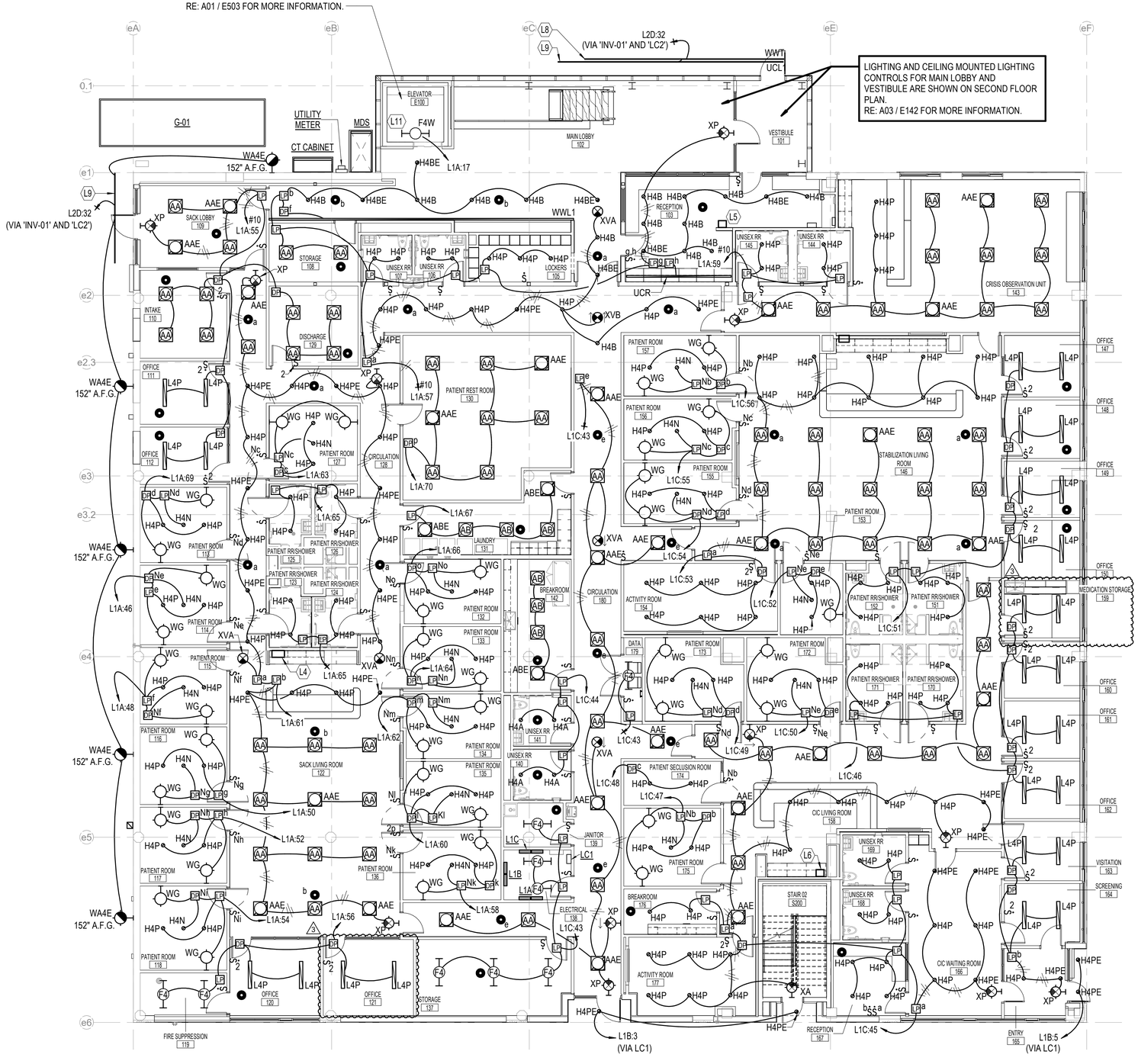
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NO EXPOSED CONDUIT ON EXTERIOR WALLS.

FOR LIGHTING IN ELEVATOR PIT
REFERENCE ELEVATOR DETAIL.
RE: A01 / E503 FOR MORE INFORMATION.

LIGHTING AND CEILING MOUNTED LIGHTING CONTROLS FOR MAIN LOBBY AND VESTIBULE ARE SHOWN ON SECOND FLOOR PLAN.
RE: A03 / E142 FOR MORE INFORMATION.



KEYNOTES

#	
L4	PROVIDE SWITCH BANK FOR CONTROL OF CORRIDOR, LIVING ROOM, AND PATIENT ROOMS IN SACK WITH ZONES AND TYPE AS INDICATED ON PLANS AND DETAIL D08 / E503.
L5	PROVIDE SWITCH BANK FOR CONTROL OF MAIN LOBBY, VESTIBULE, AND AUXILIARY CORRIDOR WITH ZONES AND TYPE AS INDICATED ON PLANS AND DETAIL A11 / E503.
L6	PROVIDE SWITCH BANK FOR CONTROL OF CIC LIVING AND PATIENT ROOMS WITH ZONES AND TYPE AS INDICATED ON PLANS AND DETAIL D11 / E503.
L8	LED TAPE LIGHT IN CHANNEL TO WASH SIGNAGE. RE: ARCHITECTURAL ELEVATIONS AND DETAILS AS WELL AS LIGHT FIXTURE SCHEDULE FOR MORE INFORMATION.
L9	LED TAPE LIGHT IN CHANNEL TO BE MOUNTED WITHIN CANOPY. RE: ARCHITECTURAL DETAILS AND ELEVATIONS AS WELL AS LIGHT FIXTURE SCHEDULE FOR MORE INFORMATION.
L11	PROVIDE FIXTURE AS SHOWN FOR LIGHTING IN ELEVATOR PIT. RE: A01 / E503 FOR MORE INFORMATION.

LIGHTING GENERAL NOTES

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9. LIGHTING CONTROLS IN SPACES WHERE PATIENTS WILL NOT HAVE SUPERVISION SHALL BE MOUNTED EXTERIOR TO THE ROOM WHERE INDICATED ON PLANS.
10. ELECTRICAL DEVICES SHALL BE SECURED WITH TAMPER PROOF FASTENERS.

N

LEVEL 01 ELECTRICAL LIGHTING FLOOR PLAN
1/8" = 1'-0"

A03

LIGHTING GENERAL NOTES

A01

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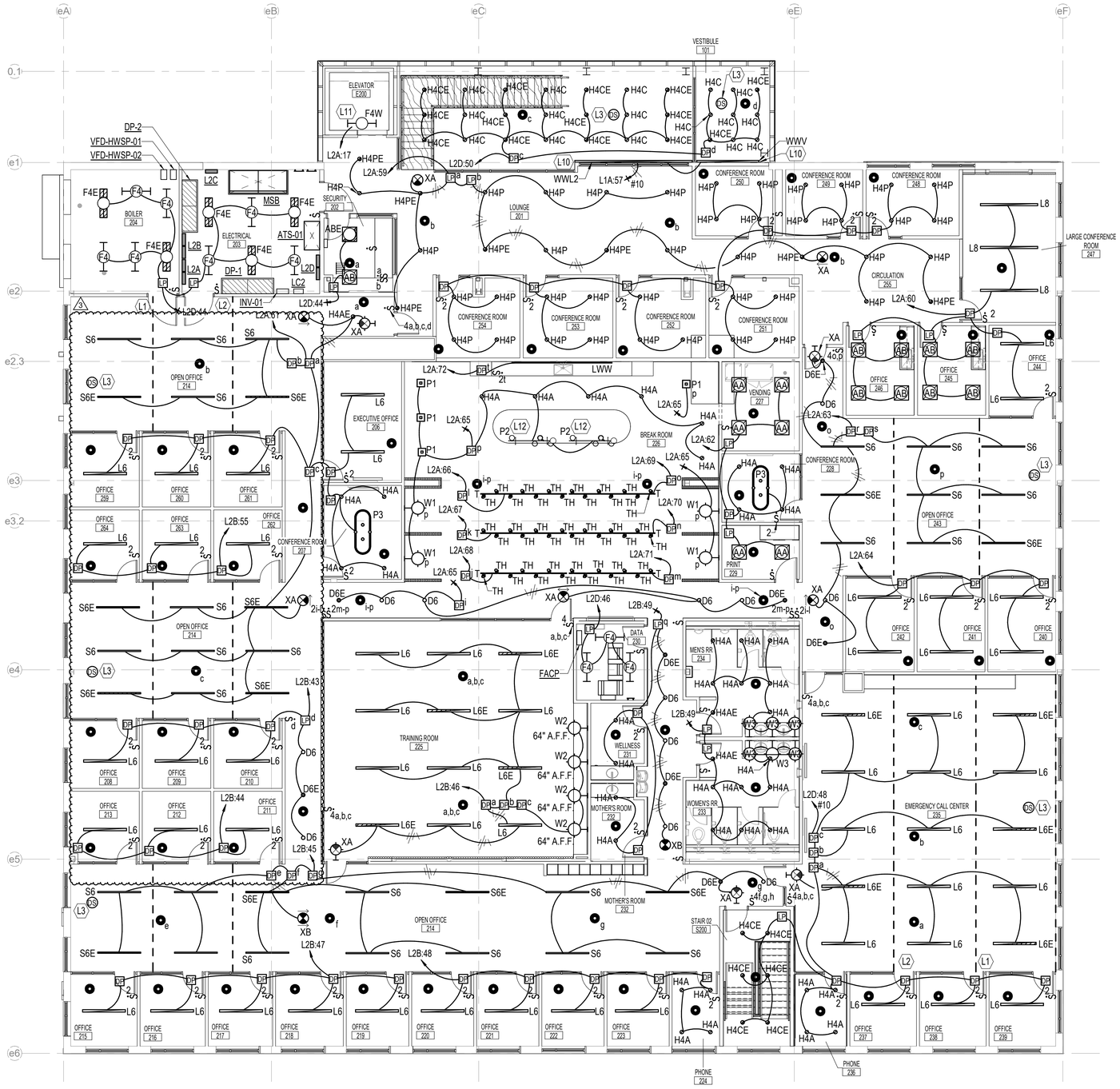
LEVEL 01 ELECTRICAL LIGHTING FLOOR PLAN

E141

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NO EXPOSED CONDUIT ON EXTERIOR WALLS.



KEYNOTES

- L1 PRIMARY DAYLIGHTING ZONE.
- L2 SECONDARY DAYLIGHTING ZONE.
- L3 PROVIDE CLOSED LOOP DAYLIGHT SENSOR TO CONTROL DAYLIGHTING ZONES AS INDICATED ON PLAN. PROGRAM SET POINT OF DAYLIGHT SENSOR AS INDICATED ON LIGHTING CONTROLS SCHEDULE ON SHEET E-622. INTERLOCK FUNCTION OF DAYLIGHT SENSOR WITH OCCUPANCY SENSORS IN SPACE AS REQUIRED BY THE 2018 EDITION OF THE INTERNATIONAL ENERGY CONSERVATION CODE (IECC).
- L10 LINEAR WALL WASH SHALL BE CONTROLLED V/A 0-10V DIMMABLE SWITCH 'I' LOCATED IN FIRST FLOOR RECEPTION 103. RE: DETAIL D11 / E503 FOR MORE INFORMATION.
- L11 PROVIDE FIXTURE AS SHOWN FOR LIGHTING IN ELEVATOR PIT. RE: A01 / E503 FOR MORE INFORMATION.
- L12 FIXTURE IS TO BE CENTERED OVER THE FURNITURE. VERIFY MOUNTING LOCATION WITH FURNITURE PLANS PRIOR TO ROUGH IN.

LIGHTING GENERAL NOTES

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10. ELECTRICAL DEVICES SHALL BE SECURED WITH TAMPER PROOF FASTENERS.

N

LEVEL 02 ELECTRICAL LIGHTING FLOOR PLAN

1/8" = 1'-0"

A03

LIGHTING GENERAL NOTES

A01

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LEVEL 02 ELECTRICAL LIGHTING FLOOR PLAN

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EQUIPMENT CONNECTION SCHEDULE

MECHANICAL EQUIPMENT CONNECTIONS

UNIT DESIG.	UNIT VOLTAGE	LOAD H.P.	LOAD FLA	LOAD KVA	PANEL DEVICE CIRCUIT NUMBER	PANEL DEVICE BKR. AMPS	PANEL DEVICE SW. AMPS	PANEL DEVICE FUSE AMPS	PANEL DEVICE POLE	PANEL DEVICE NEMA START. SIZE	DEVICE AT UNIT BKR. AMPS	DEVICE AT UNIT SW. AMPS	DEVICE AT UNIT FUSE AMPS	DEVICE AT UNIT POLE	DEVICE AT UNIT NEMA START. SIZE	OTHER	SETS	FEEDER DESCRIPTION OR SEE THE FEEDER SCHEDULE	REMARKS OR SEE THE INDICATED NOTES BELOW
B	BOILER																		
(5) 01	120/1		7.0	0.84	L2D:1	20			1							FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
(5) 02	120/1		7.0	0.84	L2D:3	20			1			30	9	1			1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
DBF	DRYER BOOSTER FAN																		
01	120/1	0.5A	0.5	0.06	L1C:27	20			1							FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
02	120/1	0.5A	0.5	0.06	L1C:29	20			1							FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
03	120/1	0.5A	0.5	0.06	L1C:31	20			1							FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
DHWP	DOMESTIC HOT WATER PUMP																		
1	120/1	1.4A	1.4	0.168	L2D:2	20			1			20	2.25	1	MMS		1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
2	120/1	1.4A	1.4	0.168	L2D:33	20			1			20	2.25	1	MMS		1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
EF	EXHAUST FAN																		
01	208/3	2	7.5	2.702	L2D:57	20			3			20	12	3	MMS		1	3 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
FTU	FAN TERMINAL UNIT																		
1.01	120/1	7.68A	7.7	0.922	L1C:28	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.02	120/1	12.8A	12.8	1.536	L1C:17	20			1							BY OTHERS	1	2 #10 AWG THWN; #10 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.03	120/1	7.04A	7.0	0.845	L1C:19	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.04	120/1	7.68A	7.7	0.922	L1C:21	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.05	120/1	7.68A	7.7	0.922	L1C:23	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.06	120/1	7.68A	7.7	0.922	L1C:2	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.07	120/1	7.68A	7.7	0.922	L1C:4	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.08	120/1	12.8A	12.8	1.536	L1C:6	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.09	120/1	7.68A	7.7	0.922	L1C:8	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.10	120/1	7.68A	7.7	0.922	L1C:10	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.11	120/1	7.68A	7.7	0.922	L1C:12	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.12	120/1	7.68A	7.7	0.922	L1C:14	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.13	120/1	7.68A	7.7	0.922	L1C:16	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.14	120/1	12.8A	12.8	1.536	L1C:18	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.15	120/1	7.68A	7.7	0.922	L1C:20	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.16	120/1	7.68A	7.7	0.922	L1C:22	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.17	120/1	7.68A	7.7	0.922	L1C:30	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.01	120/1	7.68A	7.7	0.922	L2C:11	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.02	120/1	7.68A	7.7	0.922	L2C:13	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.03	120/1	7.68A	7.7	0.922	L2C:15	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.04	120/1	7.68A	7.7	0.922	L2C:17	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.05	120/1	12.8A	12.8	1.536	L2C:19	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.06	120/1	7.68A	7.7	0.922	L2C:2	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.07	120/1	12.8A	12.8	1.536	L2C:4	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.08	120/1	12.8A	12.8	1.536	L2C:6	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.09	120/1	12.8A	12.8	1.536	L2C:8	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.10	120/1	12.8A	12.8	1.536	L2C:10	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.11	120/1	12.8A	12.8	1.536	L2C:12	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.12	120/1	7.68A	7.7	0.922	L2C:14	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.13	120/1	12.8A	12.8	1.536	L2C:16	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.14	120/1	12.8A	12.8	1.536	L2C:18	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.15	120/1	12.8A	12.8	1.536	L2C:20	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.16	120/1	7.68A	7.7	0.922	L2C:22	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
GMP	GLYCOL MAKEUP PUMP																		
01	120/1	0.33A	7.2	0.864	L2D:35	20			1							FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
HWPP	HOT WATER PRIMARY PUMP																		
01	208/3	1	4.6	1.657	DP-1:8	20			3			30	8	3	'0'		1	3 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
02	208/3	1	4.6	1.657	DP-1:9	20			3			30	8	3	'0'		1	3 #12 AWG THWN; #12 AWG GRD; 1/2"C.	

(1) (2) (3)

EQUIPMENT CONNECTION SCHEDULE

MECHANICAL EQUIPMENT CONNECTIONS

UNIT DESIG.	UNIT VOLTAGE	LOAD H.P.	LOAD FLA	LOAD KVA	PANEL DEVICE CIRCUIT NUMBER	PANEL DEVICE BKR. AMPS	PANEL DEVICE SW. AMPS	PANEL DEVICE FUSE AMPS	PANEL DEVICE POLE	PANEL DEVICE NEMA START. SIZE	DEVICE AT UNIT BKR. AMPS	DEVICE AT UNIT SW. AMPS	DEVICE AT UNIT FUSE AMPS	DEVICE AT UNIT POLE	DEVICE AT UNIT NEMA START. SIZE	OTHER	SETS	FEEDER DESCRIPTION OR SEE THE FEEDER SCHEDULE	REMARKS OR SEE THE INDICATED NOTES BELOW
HWSP	HOT WATER SECONDARY PUMP																		
01	208/3	5	16.7	6.016	DP-1:6	35			3			30	25	3	VFD		1	3 #8 AWG THWN; #10 AWG GRD; 3/4"C.	VFD TO BE PROVIDED BE E.C.
02	208/3	5	16.7	6.016	DP-1:7	35			3			30	25	3	VFD		1	3 #8 AWG THWN; #10 AWG GRD; 3/4"C.	VFD TO BE PROVIDED BE E.C.
RTU	ROOF TOP UNIT																		
(4) 01	208/3	88A	303.4	109	DP-1:1	400			3			400	350	3			2	3 #3/0 AWG THWN; #3 AWG GRD; 2"C.	VFD INTEGRAL TO UNIT
(4) 02	208/3	88A	303.4	109	MSB:3	400			3			400	350	3			2	3 #3/0 AWG THWN; #3 AWG GRD; 2"C.	VFD INTEGRAL TO UNIT
SP	SUMP PUMP																		
1	120/1	0.5	9.8	1.176	L1C:26	20			1							GFCI DR	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	PROVIDE DEDICATED GFCI RECEPTACLE
2	120/1	0.5	9.8	1.176	L1A:75	20			1							GFCI DR	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	PROVIDE DEDICATED GFCI RECEPTACLE
TU	TERMINAL UNIT																		
1.01	120/1	0.4A	0.4	0.048	L1C:1	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.02	120/1	0.4A	0.4	0.048	L1C:1	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.03	120/1	0.4A	0.4	0.048	L1C:1	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.04	120/1	0.4A	0.4	0.048	L1C:3	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.05	120/1	0.4A	0.4	0.048	L1C:5	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.06	120/1	0.4A	0.4	0.048	L1C:3	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.07	120/1	0.4A	0.4	0.048	L1C:7	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.08	120/1	0.4A	0.4	0.048	L1C:7	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.09	120/1	0.4A	0.4	0.048	L1C:7	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.10	120/1	0.4A	0.4	0.048	L1C:9	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.11	120/1	0.4A	0.4	0.048	L1C:11	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.12	120/1	0.4A	0.4	0.048	L1C:13	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.13	120/1	0.4A	0.4	0.048	L1C:13	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.14	120/1	0.4A	0.4	0.048	L1C:13	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.15	120/1	0.4A	0.4	0.048	L1C:15	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.16	120/1	0.4A	0.4	0.048	L1C:15	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.17	120/1	0.4A	0.4	0.048	L1C:32	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.18	120/1	0.4A	0.4	0.048	L2D:34	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.19	120/1	0.4A	0.4	0.048	L2D:7	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
1.20	120/1	0.4A	0.4	0.048	L2D:36	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.01	120/1	0.4A	0.4	0.048	L2C:1	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.02	120/1	0.4A	0.4	0.048	L2C:1	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.03	120/1	0.4A	0.4	0.048	L2C:3	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.04	120/1	0.4A	0.4	0.048	L2C:5	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.05	120/1	0.4A	0.4	0.048	L2C:5	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.06	120/1	0.4A	0.4	0.048	L2C:5	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.15	120/1	0.4A	0.4	0.048	L2D:5	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.07	120/1	0.4A	0.4	0.048	L2C:7	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
2.08	120/1	0.4A	0.4	0.048	L2C:9	20			1							BY OTHERS	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	DISCONNECT PROVIDED WITH UNIT
WH	WATER HEATER																		
1	120/1		8.0	0.96	L2D:4	20			1					1		TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
2	120/1		8.0	0.96	L2D:6	20			1					1		TOGGLE	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
UH	UNIT HEATER																		
01	120/1	0.7A	0.7	0.084	L1C:25	20			1							FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	
02	120/1	0.7A	0.7	0.084	L1C:24	20			1							FUSTAT	1	2 #12 AWG THWN; #12 AWG GRD; 1/2"C.	

(1) ALL CONNECTIONS AND ELECTRICAL EQUIPMENT LISTED IN SCHEDULE SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. FIELD VERIFY CONNECTION REQUIREMENTS AND EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.

(2) REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTIONS OF INTERLOCKING, THERMOSTAT LOCATIONS, EXHAUST FAN CONTROL SWITCHES, AND OTHER CONTROLS OF MECHANICAL EQUIPMENT.

(3) SIZE FUSES FOR MOTOR FUSTATS BASED ON 125% OF MANUFACTURER'S NAMEPLATE FULL LOAD AMPERAGE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

(4) PROVIDE DUCT MOUNTED SMOKE DETECTORS IN THE SUPPLY AND RETURN DUCTS. VERIFY THE REQUIRED QUANTITY OF DUCT SMOKE DETECTORS FOR EACH UNIT WITH THE FINAL INSTALLED DUCTWORK LAYOUT TO MEET NFPA REQUIREMENTS. PROVIDE FAN SHUT DOWN RELAY TO SHUT DOWN MECHANICAL UNIT UPON ANY ALARM AT THE FIRE ALARM CONTROL PANEL.

(5) PROVIDE 20A., 1 POLE, 125V. TOGGLE SWITCH WITH LIFT UP COVER FOR EMERGENCY SHUTDOWN OF BOILER AT EACH ENTRY/EXIT TO BOILER ROOM. LABEL SWITCH 'BOILER EMERGENCY SHUTDOWN'. WIRE SWITCH TO SHUT OFF POWER TO THE BOILER CONTROLS. SEE PLANS. THE DISCONNECT SWITCH FOR BOILERS SHALL BE PAD-LOCKABLE IN THE OFF POSITION. IF LOCAL DISCONNECTING MEANS FOR THE BOILER IS A FUSTAT, ALSO PROVIDE A HORSEPOWER RATED TOGGLE SWITCH WITH LOCKABLE COVER.

PANELBOARD: L1A

MULTI. SECTION W/FEED THRU LUGS, W/GRD. BUS

208Y/120 VOLTS, 3 PHASE, 4 WIRE
225 AMP MLO, SURFACE MTD.
65000 AIC LABELED

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P.	AMP SIZE	PHASE	AMP SIZE	P.	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.	
1	1200	POWR	EQUIP - SECURITY GATE	1	20	A	20	1	REC - CARD READER 180	POWR	500	2	
3	600	RCPT	REC - EXT, RM 109	1	20	B	20	1	EQUIP - DF RM 102	EQPT	800	4	(1)
5	500	POWR	EQUIP - CARD RDR-1 109	1	20	C	20	1	EQUIP - CARD RDR-2 102	POWR	500	6	
7	600	RCPT	REC - RMS 102, 108	1	20	A	20	1	REC - RM 129	RCPT	800	8	
9	200	RCPT	REC - RMS 102, 105	1	20	B	20	1	EQUIP - DF RM 122	EQPT	800	10	(1)
11	500	POWR	EQUIP - CARD READER 103	1	20	C	20	1	REC - RM 122 EAST CORR.	RCPT	600	12	
13	400	RCPT	REC - EXT, RMS 101, 102	1	20	A	20	1	EQUIP - CARD RDR-1 131	POWR	500	14	
15	1000	POWR	EQUIP - CARD READER 104	1	20	B	20	1	REC - CT RM 122	RCPT	400	16	
17	50	LGHT	LTG - ELEVATOR PIT	1	20	C	20	1	REC - STATION-1 RM 122	RCPT	800	18	
19	500	POWR	EQUIP - CARD READER 101	1	20	A	20	1	REC - STATION-2 RM 122	RCPT	400	20	
21	800	RCPT	REC - SECURITY DESK 104	1	20	B	20	1	REC - ELEVATOR PIT	RCPT	200	22	
23	600	RCPT	REC - RMS 103, 104	1	20	C	20	1	REC - RM 122, TV RM 122	R/P	1200	24	
25	600	RCPT	REC - RM 103	1	20	A	20	1	REC - RMS 119, 120	RCPT	1000	26	
27	1500	POWR	EQUIP - COPIER RM 103	1	20	B	20	1	REC - RM 122 WEST CORR.	RCPT	800	28	
29	400	RCPT	REC - CT-1 RM 103	1	20	C	20	1	REC - RM 112	RCPT	800	30	
31	200	RCPT	REC - CT-2 RM 103	1	20	A	20	1	REC - RM 111	RCPT	800	32	
33	600	RCPT	REC - RM 102 - CORRIDOR	1	20	B	20	1	REC - RM 110, EXT	RCPT	1000	34	
35	500	POWR	EQUIP - CARD READER 143	1	20	C	20	1	EQUIP - CARD RDR-2 109	POWR	500	36	
37			SPARE	1	20	A	20	1	SPARE			38	
39			SPARE	1	20	B	20	1	SPARE			40	
41			SPARE	1	20	C	20	1	SPARE			42	
43	500	POWR	EQUIP - CARD RDR-1 146	1	20	A	20	1	LTG - RM 114	LGHT	85	44	(1)
45	1000	R/P	REC - RM 143, TV	1	20	B	20	1	LTG - RM 115	LGHT	85	46	
47	200	MOTR	EQUIP - SD - DETOX	1	20	C	20	1	LTG - RM 116	LGHT	85	48	(1)
49	800	RCPT	REC - STATION-1 143	1	20	A	20	1	LTG - RM 117	LGHT	85	50	
51	400	RCPT	REC - STATION-2 143	1	20	B	20	1	LTG - RM 118	LGHT	85	52	(1)
53	400	RCPT	REC - CT RM 143	1	20	C	20	1	LTG - RMS 119, 120	LGHT	162	54	
55	637	LGHT	LTG - RMS 109 - 112,129	1	20	A	20	1	LTG - RM 121	LGHT	85	56	(1)
57	940	LGHT	LTG - RMS 101 - 108	1	20	B	20	1	LTG - RM 136	LGHT	85	58	
59	670	LGHT	LTG - RMS 143 - 145	1	20	C	20	1	LTG - RM 135	LGHT	85	60	(1)
61	1051	LGHT	LTG - RM 122	1	20	A	20	1	LTG - RM 134	LGHT	85	62	
63	85	LGHT	LTG - RM 127	1	20	B	20	1	LTG - RM 133	LGHT	85	64	
65	203	LGHT	LTG - RMS 123-126	1	20	C	20	1	LTG - RM 132	LGHT	85	66	
67	350	LGHT	LTG - RM 131	1	20	A	20	1	REC - RM 131	RCPT	400	68	
69	85	LGHT	LTG - RM 113	1	20	B	20	1	LTG - RM 130	LGHT	325	70	
71	400	RCPT	EQUIP - AUTO FAUCET - 106, 107	1	20	C	20	1	EQUIP - SD - LOCKER, LOBBY	MOTR	200	72	
(1) 73	250	POWR	EQUIP - AUTO TOILET - 106, 107	1	20	A	20	1	REC - RM 121	RCPT	800	74	
75	1176	MOTR	SP-2	1	20	B	20	1	SPARE			76	
77			SPARE	1	20	C	20	1	SPARE			78	
79			SPARE	1	20	A	20	1	SPARE			80	
81			SPARE	1	20	B	20	1	SPARE			82	
83			SPARE	1	20	C	20	1	SPARE			84	

(1) GFCI BREAKER SHALL PROVIDE GROUND FAULT PERSONNEL PROTECTION PER NEC.

PANELBOARD: L1A

	CONNECTED KVA: PH-A	PH-B	PH-C	TOTAL	DEMAND FACTOR	KVA	CONT. FACT	SIZING AMPS: TOTAL	PH-A	PH-B	PH-C
Lighting	2.4	1.8	1.3	5.5	1	5.5	1.25	19.0	24.8	18.5	14.0
Receptacle	6.8	5.6	4.8	10.0	1	10.0	> 1	37.8	44.8	36.9	31.6
(First 10000VA at 1 + remainder at 0.5)				7.2	0.5	3.6					
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	0.8	0.0	2.4	0.0
Motor	0.0	1.2	0.4	1.6	1	1.6	1	4.4	0.0	9.8	3.3
Equipment	0.0	1.6	0.0	1.6	1	1.6	1	4.4	0.0	13.3	0.0
Power	3.4	2.9	2.9	9.2	1	9.2	1	25.7	28.8	24.2	24.2
Spare					0.2	6.3	1	17.5	17.5	17.5	17.5
TOTAL KVA:	12.6	13.0	9.4	35.1		37.8	TOTAL AMPS:		PH-A	PH-B	PH-C
TOTAL AMPS:	105.2	108.7	78.7	97.5				109.6	115.8	122.6	90.6

SPECIAL OUTLETS

MARK	DESCRIPTION
AV3	
D	DRYER OUTLET: 30A, 125/250V, 3P, 3W SINGLE GROUNDED RECEPTACLE (NEMA 10-30R) WITH MATCHING STAINLESS STEEL COVERPLATE. VERIFY DRYER PLUG CONFIGURATION TO MATCH RECEPTACLE PRIOR TO ROUGH-IN.
PT3	POKE THRU: POWER ONLY. PROVIDE 3-GANG RECESSED FIRE-RATED POKE-THRU SUITABLE FOR INSTALLATION IN CONCRETE FLOOR. PROVIDE WITH (3) 20A 125V DUPLEX GROUNDED RECEPTACLES (NEMA 5-20R). PROVIDE LEGRAND WIREMOLD EVOLUTION SERIES #6ATCPXX OR PRE-APPROVED EQUAL COORDINATE FINISH WITH ARCHITECT PRIOR TO PURCHASE. PROVIDE ALL NECESSARY ACCESSORIES AS REQUIRED.
PT5	POKE-THRU: POWER AND DATA. PROVIDE 5-GANG RECESSED FIRE-RATED POKE-THRU SUITABLE FOR INSTALLATION IN CONCRETE FLOOR. PROVIDE WITH (2) 20A 125V DUPLEX GROUNDED RECEPTACLES (NEMA 5-20R), 1-GANG FOR DATA, 1-GANG FOR A/V, AND 1-GANG SPARE. PROVIDE 1"C. WITH PULL ROPE AND NON-METALLIC BUSHING TO NEAREST IDF/MDF ROOM FOR ROUTING OF DATA CABLING. PROVIDE 1-1/2"C. WITH PULL ROPE AND NON-METALLIC BUSHINGS TO FLAT PANEL DISPLAYS FOR ROUTING OF A/V CABLING. PROVIDE WITH MATCHING COVERPLATE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. PROVIDE LEGRAND WIREMOLD EVOLUTION SERIES #8ATC2PXX OR PRE-APPROVED EQUAL. COORDINATE FINISH WITH ARCHITECT PRIOR TO PURCHASE. PROVIDE ALL NECESSARY ACCESSORIES AS REQUIRED.
PT7	POKE-THRU: POWER AND DATA. PROVIDE 7-GANG RECESSED FIRE-RATED POKE-THRU SUITABLE FOR INSTALLATION IN CONCRETE FLOOR (EQUAL TO WIREMOLD #10AT SERIES). PROVIDE WITH (5) 20A 125V DUPLEX GROUNDED RECEPTACLES (NEMA 5-20R), AND (2) GANGS FOR DATA. PROVIDE (2) 1"C. WITH PULL ROPE AND NON-METALLIC BUSHING TO NEAREST IDF/MDF ROOM FOR ROUTING OF DATA CABLING. PROVIDE WITH MATCHING COVERPLATE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. PROVIDE ALL NECESSARY ACCESSORIES AS REQUIRED.
TV	RECESSED TV/FLAT PANEL LOCATION: PROVIDE ProENC ANTI-LIGATURE RECESSED ENCLOSURE EQUAL TO MODEL #RNL65. PROVIDE (1) 20A 125V TAMPER RESISTANT GROUND FAULT DUPLEX RECEPTACLE AND SINGLE-GANG CUT-IN BOX WITH 1" CONDUIT TO ABOVE ACCESSIBLE CIELING FOR RECEPTACLE TO BE INSTALLED IN THE TOP OF THE ENCLOSURE. PROVIDE 1-1/2" CONDUIT WITH PULL ROPE AND NON-METALLIC BUSHING TO ABOVE NEAREST ACCESSIBLE CEILING FOR LOW-VOLTAGE CABLING.
UPS	E.C. TO PROVIDE 1500VA/900W WORKSTATION UPS BY APC PART#BGM1500B-US OR PRE-APPROVED EQUAL. PROVIDE #APCRBC163 BATTERY MODULES FROM APC OR PRE-APPROVED EQUAL AS REQUIRED. PROVIDE MIN. 5 MINUTES OF RUNTIME AT 900VA. UPS SHALL BE LOCATED ON THE FLOOR AT LOCATIONS INDICATED ON PLANS.

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07/28/2025
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235 S TOPEKA AVENUE
WICHITA, KS 67202

PROJECT NO.	24001.01
BID & PERMIT SET	03.26.25

NO.	REVISION	DATE:
2	ADDENDUM 2	07.03.2025
3	ADDENDUM 3	07.28.2025

ELECTRICAL SCHEDULES

E611

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PANELBOARD: L1B

208Y/120 VOLTS, 3 PHASE, 4 WIRE
225 AMP MLO, SURFACE MTD.
65000 AIC LABELED

MULTI. SECTION W/FEED THRU LUGS, W/GRD. BUS

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P.	AMP SIZE	PHASE	AMP SIZE	P.	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1	500		LC1	1	20	A	20	1	REC - CT RM 176	RCPT	200	2
3	51	LGHT	EXT LTG - SOUTH STAIR	1	20	B	20	1	EQUIP - DATA-2 RM 179	RCPT	400	4
5	51	LGHT	EXT LTG - EAST CIC	1	20	C	20	1	EQUIP - DATA-1 RM 179	RCPT	400	6
7	800	RCPT	REC - 138, 139, 142, 180	1	20	A	20	1	REC - RMS 158, 176	RCPT	400	8
9	400	RCPT	REC - EXT, RM 165	1	20	B	20	1	EQUIP - MICROWAVE	RCPT	1500	10
11	1000	POWR	EQUIP - CARD RDR-1 164	1	20	C	20	1	EQUIP - REFRIG. 176	EQPT	1200	12 (2)
13			SPARE	1	20	A	20	1	REC - RM 177	R/P	1000	14
15	1000	R/P	REC - RM 166, TV RM 158	1	20	B	20	1	EQUIP - AUTO FAUCET - 168, 169	RCPT	400	16
17	500	POWR	EQUIP - CARD RDR-2 164	1	20	C	20	1	EQUIP - CARD RDR-2 180	POWR	500	18
19	1200	RCPT	REC -EXT, RMS S100, 167	1	20	A	20	1	REC - RMS 137, 180	RCPT	600	20
21	500	POWR	EQUIP - CARD READER S100	1	20	B	20	1	EQUIP - CARD RDR RM 122	POWR	500	22
23	800	RCPT	REC - RMS 163, 164	1	20	C	20	1	EQUIP - AUTO TOILET - 168, 169	POWR	250	24 (2)
25	500	POWR	EQUIP - CARD READER 163	1	20	A	20	1	EQUIP - DF RM 180	EQPT	800	26 (2)
27	600	RCPT	REC - LOUNGE RM 158	1	20	B	20	1	EQUIP - CARD RDR-1 158	POWR	500	28
29	400	RCPT	EQUIP - AUTO FAUCET - 140, 141	1	20	C	20	1	EQUIP - CARD READER 179	POWR	500	30
31	1000	POWR	EQUIP - CARD RDRS 161, 162	1	20	A	20	1	EQUIP - CARD READER 142	POWR	500	32
(2) 33	250	POWR	EQUIP - AUTO TOILET - 140, 141	1	20	B	20	1	REC - CT-1 142	RCPT	400	34
35	1000	POWR	EQUIP - CARD RDRS 159, 160	1	20	C	20	1	REC - CT-2 142	RCPT	200	36
37			SPARE	1	20	A	20	1	SPARE			38
39			SPARE	1	20	B	20	1	SPARE			40
41			SPARE	1	20	C	20	1	SPARE			42
43			SPARE	1	20	A	20	1	EQUIP - MICROWAVE 142	POWR	1500	44
45	800	EQPT	EQUIP - MINI FRIDGE 162	1	20	B	20	1	EQUIP - REFRIG 142	EQPT	1200	46 (2)
47	800	RCPT	REC - RM 162	1	20	C	20	1	EQUIP - FREEZER 142	EQPT	1200	48 (2)
49	800	RCPT	REC - RM 161	1	20	A	20	1	REC - RM 180	RCPT	400	50
51	800	RCPT	REC - RM 160	1	20	B	20	1	EQUIP - CARD RDR-2 146	POWR	500	52
53	1000	RCPT	REC - RM 159	1	20	C	20	1	EQUIP - CARD RDR-2 131	POWR	500	54
(2) 55	800	EQPT	EQUIP - DF RM 158	1	20	A	20	1	REC - LOUNGE-1 RM 146, TV	R/P	1000	56
57	800	RCPT	REC - STATION-1 158	1	20	B	20	1	REC - LOUNGE-2 RM 146	RCPT	800	58
59	800	RCPT	REC - STATION-2 RM 158	1	20	C	20	1	EQUIP - SD - SW CIRC. 180	MOTR	300	60
61	500	POWR	EQUIP - DOOR HOLD RM 158	1	20	A	20	1	REC - STATION-2 RM 146	RCPT	800	62
63	500	POWR	EQUIP - CARD READER 176	1	20	B	20	1	REC - STATION-3 RM 146	RCPT	800	64
65	800	EQPT	EQUIP - MINI FRIDGE 147	1	20	C	20	1	REC - RM 147	RCPT	800	66
67	800	RCPT	REC - RM 148	1	20	A	20	1	REC - RM 149	RCPT	800	68
69	800	RCPT	REC - RM 150	1	20	B	20	1	EQUIP - CARD RDR-2 158	POWR	500	70
71	1200	R/P	REC - RM 154	1	20	C	20	1	EQUIP - SD - S CIRC. 180	MOTR	100	72
73	300	MOTR	EQUIP - SD - RMS 139 - 141	1	20	A	20	1	EQUIP - DF RM 146	EQPT	800	74 (2)
75	400	RCPT	REC - CT-1 RM 146	1	20	B	20	1	REC - CT-2 RM 146	RCPT	200	76
~~77~~	~~100~~	~~MOTR~~	~~EQUIP - SD - DATA 179~~	~~1~~	~~20~~	~~C~~	~~20~~	~~1~~	~~EQUIP - ACS1~~	~~POWR~~	~~500~~	~~78~~
79	800	EQPT	EQUIP - MINI FRIDGE 159	1	20	A	20	1	SPARE			80
81			SPARE	1	20	B	20	1	SPARE			82
83			SPARE	1	20	C	20	1	SPARE			84

3 ~~77 100 MOTR EQUIP - SD - DATA 179 1 20 C 20 1 EQUIP - ACS1 POWR 500 78~~

(1) PROVIDE RED HANDLE LOCK-ON CLIP ON CIRCUIT BREAKER.
(2) GFCI BREAKER SHALL PROVIDE GROUND FAULT PERSONNEL PROTECTION PER NEC.

PANELBOARD: L1B	CONNECTED KVA:				DEMAND		CONT.	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL	FACTOR	KVA	FACT	TOTAL	PH-A	PH-B	PH-C
Lighting	0.0	0.1	0.1	0.1	1	0.1	1.25	0.4	0.0	0.5	0.5
Receptacle	8.0	8.9	6.0	10.0	1	10.0					
(First 10000VA at 1 + remainder at 0.5)				12.9	0.5	6.5	> 1	45.7	47.9	53.3	35.9
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	0.8	0.0	0.0	2.5
Motor	0.3	0.0	0.5	0.8	1	0.8	1	2.2	2.5	0.0	4.2
Equipment	3.2	2.0	3.2	8.4	1	8.4	1	23.3	26.7	16.7	26.7
Power	4.8	3.6	5.2	13.6	1	13.6	1	37.8	40.0	30.4	42.9
Spare					0.2	7.9	1	21.8	21.9	21.9	21.9
TOTAL KVA:	16.3	14.6	14.9	45.8		47.2		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	135.8	121.7	124.2	127.1				132.0	138.9	122.8	134.6

PANELBOARD: L1C

208Y/120 VOLTS, 3 PHASE, 4 WIRE
225 AMP MLO, SURFACE MTD.
65000 AIC LABELED

MULTI. SECTION W/FEED THRU LUGS, W/GRD. BUS

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P.	AMP SIZE	PHASE	AMP SIZE	P.	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1	144	MOTR	TU-1.01,TU-1.02,TU-1.03	1	20	A	20	1	FTU-1.06	MOTR	922	2
3	96	MOTR	TU-1.04,TU-1.06	1	20	B	20	1	FTU-1.07	MOTR	922	4
5	48	MOTR	TU-1.05	1	20	C	20	1	FTU-1.08	MOTR	1536	6
7	144	MOTR	TU-1.07,TU-1.08,TU-1.09	1	20	A	20	1	FTU-1.09	MOTR	922	8
9	48	MOTR	TU-1.10	1	20	B	20	1	FTU-1.10	MOTR	922	10
11	48	MOTR	TU-1.11	1	20	C	20	1	FTU-1.11	MOTR	922	12
13	144	MOTR	TU-1.12,TU-1.13,TU-1.14	1	20	A	20	1	FTU-1.12	MOTR	922	14
15	96	MOTR	TU-1.15,TU-1.16	1	20	B	20	1	FTU-1.13	MOTR	922	16
17	1536	MOTR	FTU-1.02	1	25	C	20	1	FTU-1.14	MOTR	1536	18
19	845	MOTR	FTU-1.03	1	15	A	20	1	FTU-1.15	MOTR	922	20
21	922	MOTR	FTU-1.04	1	20	B	20	1	FTU-1.16	MOTR	922	22
23	922	MOTR	FTU-1.05	1	20	C	20	1	UH-02	MOTR	84	24
25	84	MOTR	UH-01	1	20	A	20	1	SP-1	MOTR	1176	26 (1)
27	60	MOTR	DBF-01	1	20	B	15	1	FTU-1.01	MOTR	922	28
29	60	MOTR	DBF-02	1	20	C	20	1	FTU-1.17	MOTR	922	30
31	60	MOTR	DBF-03	1	20	A	20	1	TU-1.17	MOTR	48	32
33			SPARE	1	20	B	20	1	SPARE			34
35			SPARE	1	20	C	20	1	SPARE			36
37			SPARE	1	20	A	20	1	SPARE			38
39			SPARE	1	20	B	20	1	SPARE			40
41			SPARE	1	20	C	20	1	SPARE			42
43	827	LGHT	LTG - 137-139,179,180	1	20	A	20	1	LTG - RMS 140 - 142	LGHT	348	44
45	1218	LGHT	LTG - 158, 166-169, 176, 177	1	20	B	20	1	LTG - 159 - 165, 170, 171	LGHT	641	46
47	85	LGHT	LTG - RM 175	1	20	C	20	1	LTG - RM 174	LGHT	51	48
49	85	LGHT	LTG - RM 173	1	20	A	20	1	LTG - RM 172	LGHT	85	50
51	441	LGHT	LTG - RMS 147 - 152	1	20	B	20	1	LTG - RM 153	LGHT	79	52
53	1020	LGHT	LTG - RM 146, 154	1	20	C	20	1	LTG - RM 155	LGHT	85	54
55	85	LGHT	LTG - RM 156	1	20	A	20	1	LTG - RM 157	LGHT	85	56
(1) 57	1500	POWR	EQUIP - WASHER 1	1	20	B	20	1	SPARE			58
(1) 59	1500	POWR	EQUIP - WASHER 2	1	20	C	20	1	SPARE			60
(1) 61	1500	POWR	EQUIP - WASHER 3	1	20	A	20	1	SPARE			62
63	8646	POWR	EQUIP - DRYER-1	3	20	B	20	1	SPARE			64
65	----	--	----------	—	|	C	20	1	SPARE			66
67	----	--	----------	—	|	A	20	1	SPARE			68
69	8646	POWR	EQUIP - DRYER-2	3	20	B	20	1	SPARE			70
71	----	--	----------	—	|	C	20	1	SPARE			72
73	----	--	----------	—	|	A	20	1	SPARE			74
75	8646	POWR	EQUIP - DRYER-3	3	20	B	20	1	SPARE			76
77	----	--	----------	—	|	C	20	1	SPARE			78
79	----	--	----------	—	|	A	20	1	SPARE			80
81			SPARE	1	20	B	20	1	SPARE			82
83			SPARE	1	20	C	20	1	SPARE			84

(1) GFCI BREAKER SHALL PROVIDE GROUND FAULT PERSONNEL PROTECTION PER NEC.

PANELBOARD: L1C	CONNECTED KVA:				DEMAND		CONT.	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL	FACTOR	KVA	FACT	TOTAL	PH-A	PH-B	PH-C
Lighting	1.5	2.4	1.2	5.1	1	5.1	1.25	17.8	15.8	24.8	12.9
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	1.1	0.0	0.0	3.2
Motor	6.3	5.8	7.6	19.8	1	19.8	1	54.9	52.8	48.6	63.4
Power	10.1	10.1	10.1	30.4	1	30.4	1	84.5	84.6	84.6	84.6
Spare					0.2	11.1	1	30.7	30.8	30.8	30.8
TOTAL KVA:	18.0	18.4	19.0	55.3		66.4		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	149.9	153.0	158.3	153.6				189.0	183.8	188.7	194.9

PANELBOARD: L2D

208Y/120 VOLTS, 3 PHASE, 4 WIRE
225 AMP MLO, SURFACE MTD.
65000 AIC LABELED

MULTI. SECTION W/FEED THRU LUGS, W/GRD. BUS

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P.	AMP SIZE	PHASE	AMP SIZE	P.	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1	840	HEAT	B-01	1	20	A	20	1	DHWP-1	MOTR	168	2
3	840	HEAT	B-02	1	20	B	20	1	WH-1	WTRH	960	4
5	48	MOTR	TU-2.15	1	20	C	20	1	WH-2	WTRH	960	6
7	48	MOTR	TU-1.19	1	20	A	20	1	REC - RMS 202, 203	RCPT	1200	8
9	500		LC2	1	20	B	20	1	EQUIP - CARD READER RM 202	POWR	500	10
11	500	POWR	EQUIP -CARD READER RM 230	1	20	C	20	1	REC - RM 230	RCPT	200	12
13	400	RCPT	EQUIP - DATA RACK 1 RM 230	1	20	A	20	1	EQUIP - DATA RACK 2 RM 230	RCPT	400	14
15	400	RCPT	EQUIP - DATA RACK 3 RM 230	1	20	B	20	1	EQUIP - DATA RACK 4 RM 230	RCPT	400	16
17	500	POWR	EQUIP - CARD READER 1 RM 235	1	20	C	20	1	EQUIP - CARD READER 2 RM 235	POWR	500	18
19	400	RCPT	REC - RM 235 - CT 1	1	20	A	20	1	REC - RM 235 - CT 2	RCPT	400	20
21	1500	POWR	EQUIP - COPIER RM 235	1	20	B	20	1	REC - PT7-1 RM 235	RCPT	1000	22
23	1000	RCPT	REC - PT7-2 RM 235	1	20	C	20	1	REC - PT7-3 RM 235	RCPT	1000	24
25	1000	RCPT	REC - PT7-4 RM 235	1	20	A	20	1	REC - RM 235	RCPT	800	26
27	200	RCPT	REC - TV RM 235	1	20	B	20	1	DDC	RCPT	200	28
29	200	RCPT	TMV	1	20	C	20	1	SITE LTG - PARKING LOT	LGHT	156	30
31	400	RCPT	REC - PARKING LOT	1	20	A	20	1	INV-02	LGHT	321	32
33	168	MOTR	DHWP-2	1	20	B	20	1	TU-1.18	MOTR	48	34
35	864	MOTR	GMP-01	1	20	C	20	1	TU-1.20	MOTR	48	36
37			SPARE	1	20	A	20	1	SPARE			38
39			SPARE	1	20	B	20	1	SPARE			40
41			SPARE	1	20	C	20	1	SPARE			42
43	400	RCPT	REC - RMS S100, 236	1	20	A	20	1	LTG - RMS 202, 203, 204	LGHT	680	44
45	400	RCPT	REC - RM 237	1	20	B	20	1	LTG - RM 230	LGHT	135	46
47	800	RCPT	REC - RM 238	1	20	C	20	1	LTG - 235, 236, 237, 238, 239, S200	LGHT	863	48
49	800	RCPT	REC - RM 239	1	20	A	20	1	LTG -RMS 101, 102	LGHT	810	50
51	400	RCPT	REC - ROOF RTUs	1	20	B	20	1	FACP	POWR	400	52
53	500	MOTR	EQUIP - FSD NORTH-1	1	20	C	20	1	EQUIP - FSD SOUTH	MOTR	250	54
55	500	MOTR	EQUIP - FSD NORTH-2	1	20	A	20	1	SPARE			56
57	2702	MOTR	EF-01	3	20	B	20	1	SPARE			58
59	----	--	----------	—	|	C	20	1	SPARE			60
61	----	--	----------	—	|	A	20	1	SPARE			62
63			SPARE	1	20	B	20	1	SPARE			64
65			SPARE	1	20	C	20	1	SPARE			66
67			SPARE	1	20	A	20	1	SPARE			68
69			SPARE	1	20	B	20	1	SPARE			70
71			SPARE	1	20	C	20	1	SPARE			72
73			SPARE	1	20	A	20	1	SPARE			74
75			SPARE	1	20	B	20	1	SPARE			76
77			SPARE	1	20	C	20	1	SPARE			78
79			SPARE	1	20	A	20	1	SPARE			80
81			SPARE	1	20	B	20	1	SPARE			82
83			SPARE	1	20	C	20	1	SPARE			84

PANELBOARD: L2D	CONNECTED KVA:				DEMAND		CONT.	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL	FACTOR	KVA	FACT	TOTAL	PH-A	PH-B	PH-C
Lighting	1.8	0.1	1.0	3.0	1	3.0	1.25	10.3	18.9	1.4	10.6
Receptacle	6.2	3.0	3.2	10.0	1	10.0					
(First 10000VA at 1 + remainder at 0.5)				2.4	0.5	1.2	> 1	31.1	46.7	22.6	24.1
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	1.9	1.9	1.9	1.9
Motor	1.6	1.1	2.6	5.3	1	5.3	1	14.8	13.5	9.3	21.8
Heating	0.8	0.8	0.0	1.7	1	1.7	1.25	5.8	8.8	8.8	0.0
Power	0.0	2.4	1.5	3.9	1	3.9	1	10.8	0.0	20.0	12.5
Water Heating	0.0	1.0	1.0	1.9	1	1.9	1.25	6.7	0.0	10.0	10.0
Spare					0.2	5.4	1	15.0	15.0	15.0	15.0
TOTAL KVA:	10.5	8.5	9.3	28.2		32.4		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	87.2	70.4	77.4	78.3				96.4	104.6	88.9	95.8

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COMMUNITY CRISIS CENTER
235 S TOPEKA AVENUE
WICHITA, KS 67202

PROJECT NO. 24001.01

BID & PERMIT SET 03.26.25

NO.	REVISION	DATE:
3	ADDENDUM 3	07.28.2025

ELECTRICAL SCHEDULES

E612

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PANELBOARD: L2A

208Y/120 VOLTS, 3 PHASE, 4 WIRE
225 AMP MLO, SURFACE MTD.
65000 AIC LABELED

MULTI. SECTION W/FEED THRU LUGS, W/GRD. BUS

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	PHASE	AMP SIZE	P	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1	1400	RCPT	REC - RM 201	1	20	A	20	1	REC - RMS 204, 214	RCPT	800	2
3	500	POWR	EQUIP - CARD READER RM 214	1	20	B	20	1	REC - PT7-1 RM 214	RCPT	1000	4
5	1400	RCPT	REC - RMS 253, 254	1	20	C	20	1	REC - PT7-2 RM 214	RCPT	1000	6
7	1400	RCPT	REC - RMS 251, 252	1	20	A	20	1	REC - PT7-3 RM 214	RCPT	1000	8
9	800	RCPT	REC - RMS 249, 250	1	20	B	20	1	REC - PT7-4 RM 214	RCPT	1000	10
11	1000	RCPT	REC - RMS 248, 249	1	20	C	20	1	REC - PT7-5 RM 214	RCPT	1000	12
13	240	POWR	EQUIP - SMOKE CURTAIN	1	20	A	20	1	REC - PT7-6 RM 214	RCPT	1000	14
15	200	RCPT	REC - ELEVATOR SHAFT	1	20	B	20	1	REC - RM 229	RCPT	400	16
17	50	LGHT	LTG - ELEVATOR SHAFT	1	20	C	20	1	EQUIP - COPIER RM 229	POWR	1500	18
19	500	POWR	EQUIP - CARD READER RM 243	1	20	A	20	1	REC - RM 228	RCPT	800	20
21	800	RCPT	REC - RM 247	1	20	B	20	1	EQUIP - TV RM 228	RCPT	200	22
23	200	RCPT	EQUIP - TV RM 247	1	20	C	20	1	REC - RMS 226, 227	RCPT	800	24
25	800	RCPT	REC - PT5-1/2 RM 247	1	20	A	20	1	EQUIP - VEND. 1 RM 227	EQPT	1200	26 (1)
27	800	RCPT	REC - RM 246	1	20	B	20	1	EQUIP - VEND. 2 RM 227	EQPT	1200	28 (1)
29	800	RCPT	REC - RM 245	1	20	C	20	1	EQUIP - VEND. 3 RM 227	EQPT	1200	30 (1)
31	800	RCPT	REC - RM 244	1	20	A	20	1	EQUIP - VENDING RM 227	RCPT	200	32
33	1000	RCPT	REC - RM 243	1	20	B	20	1	REC - RM 242	RCPT	800	34
35	1000	RCPT	REC - PT7-1 RM 243	1	20	C	20	1	REC - RM 241	RCPT	800	36
37	1000	RCPT	REC - PT7-2 RM 243	1	20	A	20	1	REC - RM 240	RCPT	800	38
39			SPARE	1	20	B	20	1	SPARE			40
41			SPARE	1	20	C	20	1	SPARE			42
43			SPARE	1	20	A	20	1	EQUIP - COFF. MAKER 226	POWR	1500	44
45	400	RCPT	REC - BOOTH-1 RM 226	1	20	B	20	1	EQUIP - ICE MACHINE 226	EQPT	1200	46 (1)
47	800	RCPT	REC - BOOTH-2 RM 226	1	20	C	20	1	EQUIP - DISPOSER 226	POWR	1200	48 (1)
49	600	RCPT	REC - RM 226	1	20	A	20	1	SPARE			50
51	200	RCPT	EQUIP - TV RM 226	1	20	B	20	1	EQUIP - DISHWASHER 226	POWR	1200	52 (1)
53			SPARE	1	20	C	20	1	EQUIP - MICRO.-1 RM 226	POWR	1500	54 (1)
55			SPARE	1	20	A	20	1	SPARE			56
57	600	RCPT	REC - CT RM 226	1	20	B	20	1	EQUIP - MICRO.-2 RM 226	POWR	1500	58 (1)
59	1234	LGHT	LTG - 201, 248 - 254	1	20	C	20	1	LTG - RMS 244, 245, 246, 247	LGHT	646	60
61	900	LGHT	LTG - RM 214 - NORTH	1	20	A	20	1	LTG - RMS 227 - 229	LGHT	431	62
63	383	LGHT	LTG - RM 243	1	20	B	20	1	LTG - RMS 240 - 242	LGHT	173	64
65	570	LGHT	LTG - RM 226	1	20	C	20	1	LTG - TRACK 1 - RM 226	LGHT	1019	66
67	1019	LGHT	LTG - TRACK - 2 RM 226	1	20	A	20	1	LTG - TRACK 3 - RM 226	LGHT	1019	68
69	1019	LGHT	LTG - TRACK 4 - RM 226	1	20	B	20	1	LTG - TRACK 5 - RM 226	LGHT	1019	70
71	1019	LGHT	LTG - TRACK 6 - RM 226	1	20	C	20	1	LTG - WALL WASH RM 226	LGHT	28	72
73	400	RCPT	EQUIP - TV RMS 206, 207	1	20	A	20	1	REC - RMS 206, 207	RCPT	1400	74
75			SPARE	1	20	B	20	1	SPARE			76
77			SPARE	1	20	C	20	1	SPARE			78
79			SPARE	1	20	A	20	1	SPARE			80
81			SPARE	1	20	B	20	1	SPARE			82
83			SPARE	1	20	C	20	1	SPARE			84

(1) GFCI BREAKER SHALL PROVIDE GROUND FAULT PERSONNEL PROTECTION PER NEC.

PANELBOARD: L2A	CONNECTED KVA:				DEMAND		CONT.	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL	FACTOR	KVA	FACT	TOTAL	PH-A	PH-B	PH-C
Lighting	3.1	2.5	4.2	9.8	1	9.8	1.25	34.1	32.6	26.2	43.6
Receptacle	12.4	8.2	8.8	10.0	1	10.0	> 1	54.7	69.2	45.8	49.1
(First 10000VA at 1 + remainder at 0.5)				19.4	0.5	9.7					
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	0.8	2.5	0.0	0.0
Equipment	1.2	2.4	1.2	4.8	1	4.8	1	13.3	10.0	20.0	10.0
Power	2.2	3.2	4.2	9.6	1	9.6	1	26.8	18.7	26.7	35.0
Spare					0.2	8.8	1	24.4	24.4	24.4	24.4
TOTAL KVA:	19.0	16.3	18.4	53.7		52.8		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	158.1	136.0	153.2	149.0				154.1	157.4	143.1	162.1

PANELBOARD: L2B

208Y/120 VOLTS, 3 PHASE, 4 WIRE
225 AMP MLO, SURFACE MTD.
65000 AIC LABELED

MULTI. SECTION W/FEED THRU LUGS, W/GRD. BUS

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	PHASE	AMP SIZE	P	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1	1000	RCPT	REC - RMS 208, 214	1	20	A	20	1	REC - PT7-9 RM 214	RCPT	1000	2
3	800	RCPT	REC - RM 209	1	20	B	20	1	REC - PT7-10 RM 214	RCPT	1000	4
5	1000	RCPT	REC - RMS 210, 214	1	20	C	20	1	REC - RM 214	RCPT	600	6
7	800	RCPT	REC - RM 213	1	20	A	20	1	REC - RMS 231, 232	RCPT	800	8
9	800	RCPT	REC - RM 212	1	20	B	20	1	EQUIP - DF RM 214	EQPT	800	10 (1)
11	800	RCPT	REC - RM 211, 214	1	20	C	20	1	REC - RMS 214, 233, 234	RCPT	600	12
13	1000	RCPT	REC - PT7-7 RM 214	1	20	A	20	1	REC - CT-1 RM 225	RCPT	400	14
15	1000	RCPT	REC - PT7-8 RM 214	1	20	B	20	1	REC - CT-2 RM 225	RCPT	400	16
17	800	RCPT	REC - RMS 214, 215	1	20	C	20	1	REC - RM 225	RCPT	800	18
19	800	RCPT	REC - RM 216	1	20	A	20	1	REC - RMS 214, 225	RCPT	400	20
21	800	RCPT	REC - RM 217	1	20	B	20	1	EQUIP - TOILETS RMS 233, 234	POWR	500	22 (1)
23	800	RCPT	REC - RM 218	1	20	C	20	1	REC - PODIUM RM 225	RCPT	800	24
25	800	RCPT	REC - RM 219	1	20	A	20	1	REC - PT3-1 RM 225	RCPT	200	26
27	800	RCPT	REC - RM 220	1	20	B	20	1	REC - PT3-2 RM 225	RCPT	200	28
29	1000	RCPT	REC - RM 221	1	20	C	20	1	REC - PT3-3 RM 225	RCPT	200	30
31	800	RCPT	REC - RM 222	1	20	A	20	1	REC - PT3-4 RM 225	RCPT	200	32
33	800	RCPT	REC - RM 223	1	20	B	20	1	REC - PT3-5 RM 225	RCPT	200	34
35	400	RCPT	REC - RM 224	1	20	C	20	1	REC - PT3-6 RM 225	RCPT	200	36
37			SPARE	1	20	A	20	1	SPARE			38
39			SPARE	1	20	B	20	1	SPARE			40
41			SPARE	1	20	C	20	1	SPARE			42
43	185	LGHT	LTG - RMS 208, 209, 210, 214	1	20	A	20	1	LTG - RMS 211, 212, 213	LGHT	130	44
45	566	LGHT	LTG - RM 214 - SOUTH	1	20	B	20	1	LTG - RM 225	LGHT	511	46
47	173	LGHT	LTG - RMS 215 - 219	1	20	C	20	1	LTG - RMS - 220 - 224	LGHT	207	48
49	438	LGHT	LTG - RMS 214, 231-234	1	20	A	20	1	REC - RM 260	RCPT	800	50
51	400	RCPT	EQUIP - AUTO FAUCET 231, 232	1	20	B	20	1	REC - RM 261	RCPT	1000	52
53	400	RCPT	EQUIP - AUTO FAUCET - 233, 234	1	20	C	20	1	REC - RM 262	RCPT	800	54
55	130	LGHT	LTG - 262-265	1	20	A	20	1	REC - RM 263	RCPT	800	56
57	880	RCPT	REC - RM 250	1	20	B	20	1	REC - RM 264	RCPT	880	58
59			SPARE	1	20	C	20	1	SPARE			60
61			SPARE	1	20	A	20	1	SPARE			62
63			SPARE	1	20	B	20	1	SPARE			64
65			SPARE	1	20	C	20	1	SPARE			66
67			SPARE	1	20	A	20	1	SPARE			68
69			SPARE	1	20	B	20	1	SPARE			70
71			SPARE	1	20	C	20	1	SPARE			72
73			SPARE	1	20	A	20	1	SPARE			74
75			SPARE	1	20	B	20	1	SPARE			76
77			SPARE	1	20	C	20	1	SPARE			78
79			SPARE	1	20	A	20	1	SPARE			80
81			SPARE	1	20	B	20	1	SPARE			82
83			SPARE	1	20	C	20	1	SPARE			84

(1) GFCI BREAKER SHALL PROVIDE GROUND FAULT PERSONNEL PROTECTION PER NEC.

PANELBOARD: L2B	CONNECTED KVA:				DEMAND		CONT.	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL	FACTOR	KVA	FACT	TOTAL	PH-A	PH-B	PH-C
Lighting	0.7	1.1	0.4	2.2	1	2.2	1.25	7.6	7.6	11.2	4.0
Receptacle	9.8	9.8	9.2	10.0	1	10.0	> 1	53.8	55.0	55.0	51.6
(First 10000VA at 1 + remainder at 0.5)				18.8	0.5	9.4					
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	0.6	0.0	1.7	0.0
Equipment	0.0	0.8	0.0	0.8	1	0.8	1	2.2	0.0	6.7	0.0
Power	0.0	0.5	0.0	0.5	1	0.5	1	1.4	0.0	4.2	0.0
Spare					0.2	4.6	1	12.7	12.7	12.7	12.7
TOTAL KVA:	10.5	12.2	9.6	32.3		27.5		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	87.8	101.5	79.8	89.6				78.3	75.4	91.4	68.3

PANELBOARD: L2C

208Y/120 VOLTS, 3 PHASE, 4 WIRE
125 AMP MLO, SURFACE MTD.
65000 AIC LABELED

W/GRD. BUS

CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P	AMP SIZE	PHASE	AMP SIZE	P	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
1	96	MOTR	TU-2.01,TU-2.02	1	20	A	20	1	FTU-2.06	MOTR	922	2
3	48	MOTR	TU-2.03	1	20	B	20	1	FTU-2.07	MOTR	1536	4
5	144	MOTR	TU-2.04,TU-2.05,TU-2.06	1	20	C	20	1	FTU-2.08	MOTR	1536	6
7	48	MOTR	TU-2.07	1	20	A	20	1	FTU-2.09	MOTR	1536	8
9	48	MOTR	TU-2.08	1	20	B	20	1	FTU-2.10	MOTR	1536	10
11	922	MOTR	FTU-2.01	1	20	C	20	1	FTU-2.11	MOTR	1536	12
13	922	MOTR	FTU-2.02	1	20	A	20	1	FTU-2.12	MOTR	922	14
15	922	MOTR	FTU-2.03	1	20	B	20	1	FTU-2.13	MOTR	1536	16
17	922	MOTR	FTU-2.04	1	20	C	20	1	FTU-2.14	MOTR	1536	18
19	1536	MOTR	FTU-2.05	1	20	A	20	1	FTU-2.15	MOTR	1536	20
21			SPARE	1	20	B	20	1	FTU-2.16	MOTR	922	22
23			SPARE	1	20	C	20	1	SPARE			24
25			SPARE	1	20	A	20	1	SPARE			26
27			SPARE	1	20	B	20	1	SPARE			28
29			SPARE	1	20	C	20	1	SPARE			30
31			SPARE	1	20	A	20	1	SPARE			32
33			SPARE	1	20	B	20	1	SPARE			34
35			SPARE	1	20	C	20	1	SPARE			36
37			SPARE	1	20	A	20	1	SPARE			38
39			SPARE	1	20	B	20	1	SPARE			40
41			SPARE	1	20	C	20	1	SPARE			42

PANELBOARD: L2C	CONNECTED KVA:				DEMAND		CONT.	SIZING AMPS:			
	PH-A	PH-B	PH-C	TOTAL	FACTOR	KVA	FACT	TOTAL	PH-A	PH-B	PH-C
Largest Motor	0.0	0.0	0.0	0.0	1	0.0	0.25	1.1	0.0	3.2	0.0
Motor	7.5	6.5	6.6	20.7	1	20.7	1	57.3	62.6	54.6	55.0
Spare					0.2	4.1	1	11.5	11.5	11.5	11.5
TOTAL KVA:	7.5	6.5	6.6	20.7		24.8		TOTAL AMPS:	PH-A	PH-B	PH-C
TOTAL AMPS:	62.6	54.6	55.0	57.3				69.9	74.1	69.2	66.4

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BID & PERMIT SET 03.26.25

NO.	REVISION	DATE:
2	ADDENDUM 2	07.03.2025
3	ADDENDUM 3	07.28.2025

ELECTRICAL SCHEDULES

E613

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TECHNOLOGY SHEET INDEX

SHEET NO.	SHEET TITLE
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T122	LEVEL 02 COMMUNICATIONS PLAN
T131	LEVEL 01 AUDIO-VISUAL PLAN
T132	LEVEL 02 AUDIO-VISUAL PLAN
T141	LEVEL 01 SAFETY-SECURITY PLAN
T142	LEVEL 02 SAFETY-SECURITY PLAN
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T221	COMMUNICATIONS ELEVATIONS - 179-IT
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T533	AUDIO-VISUAL RISERS AND DETAILS
T534	AUDIO-VISUAL RISERS AND DETAILS
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T542	SAFETY-SECURITY DETAILS

HORIZONTAL CABLING
PORT LABELING SCHEME:

FS-AN
- PORT NUMBER
- PATCH PANEL LETTER
- AREA/LOCATION OF TELECOM ROOM
- FLOOR NUMBER

3

GENERAL NOTES

1. ALL TECHNOLOGY WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) & THE AMERICANS WITH DISABILITIES ACT (ADA).
2. REFER TO RELATED ARCHITECTURAL, ELECTRICAL MECHANICAL, STRUCTURAL, AND CIVIL DRAWINGS FOR RELATED INFORMATION.
3. REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
4. COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK.
5. ALL MOUNTING HEIGHTS TO CENTERLINE OF ITEM UNLESS OTHERWISE NOTED. VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
6. REFERENCE ARCHITECTURAL FINISH DRAWINGS FOR LOCATIONS AND HEIGHTS OF RIGID WALL COVERINGS, TILE, CHAIR RAIL, WAINSCOATING, ETC. AND ADJUST ELECTRICAL BOX ROUGH-IN HEIGHTS SO THAT COVERPLATES DO NOT PARTIALLY OVERLAP THESE ITEMS.
7. PROVIDE 18" LONG (MIN.) CONDUIT SLEEVES THRU ALL WALLS WHERE CABLES ARE INDICATED OR REQUIRED TO PASS THRU WALLS. PROVIDE BUSHINGS ON BOTH ENDS. SIZE CONDUIT FOR CABLES INSTALLED. AT CABLE TRAYS, PROVIDE ONE 4" CONDUIT SLEEVE FOR EACH 4" WIDTH OF CABLE TRAY. MAXIMUMS SHALL BE:
   1"C. = 10 CABLES
   2 1/2"C. = 20 CABLES
   3"C. = 30 CABLES
   4"C. = 50 CABLES
8. LOCATE CABLE TRAYS 6" ABOVE ACCESSIBLE CEILINGS. OFFSET TRAY UP AND OVER LIGHT FIXTURES AND DUCTWORK (FIELD VERIFY AND PROVIDE AS REQUIRED). IF PHYSICALLY IMPOSSIBLE TO RUN CABLE TRAY UP AND OVER, THEN PROVIDE CABLE SUPPORT HOOKS FROM STRUCTURE ABOVE, SIZED AND RATED FOR INSTALLED CABLES PLUS 25% SPARE. COORDINATE AREAS OVER HARDLID CEILING AND ACCESS PANELS TO BE RAN IN CONDUIT.

COMMUNICATION / DATA

T1. EACH DATA, TELEPHONE, VIDEO, OR OTHER SYSTEMS OUTLET REQUIRES 1"C. WITH PULL ROPE STUBBED 6" ABOVE NEAREST ACCESSIBLE CEILING UNLESS OTHERWISE NOTED ON PLANS. CONDUITS STUBBED UP ABOVE ACCESSIBLE CEILINGS SHALL BE TURNED OUT 90 DEGREES. PROVIDE INSULATED BUSHINGS ON ALL CONDUITS. LABEL CONDUIT TO IDENTIFY ITS INTENDED USE (I.E. TELEPHONE, DATA, ETC.).

T2. RUN CABLES CONTINUOUS FROM JACK TO ASSOCIATED SYSTEM PATCH PANEL IN CONDUIT, CABLE TRAY, OR J-HOOKS PER THE PLANS AND SPECIFICATIONS. CABLES SHALL BE ROUTED IN CONDUIT ABOVE NON-ACCESSBLE CEILINGS.

T3. PROVIDE QUANTITY, TYPE, AND COLOR OF JACKS AND CABLES PER THE DRAWINGS, SPECIFICATIONS AND DETAILS. PROVIDE JACK AND CABLE LABELING PER THE SPECIFICATIONS.

FIRE ALARM

F1. THE FIRE ALARM SYSTEM SHOWN HAS BEEN DESIGNED PER THE REQUIREMENTS OF NFPA 72, 2013 EDITION. DEVICES SHOWN INDICATE DESIGN INTENT AND SHALL BE THE MINIMUM PROVIDED. SYSTEM SUPPLIER SHALL PROVIDE ANY ADDITIONAL CODE REQUIRED DEVICES OR DEVICES REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

F2. FIELD VERIFY LOCATIONS OF AREA SMOKE DETECTORS AND HEAT DETECTORS. DO NOT LOCATE WITHIN 36" OF A HVAC DIFFUSER (SUPPLY OR RETURN), IN A DIRECT AIR FLOW, WITHIN 36" OF A SPRINKLER HEAD, OR WITHIN 36" OF THE TIP OF A CEILING FAN BLADE. SMOKE DETECTORS FOR DOOR RELEASE SHALL BE LOCATED ON THE CENTER LINE OF THE DOOR AND A MAXIMUM OF 5 FEET FROM THE DOOR. THE MINIMUM DISTANCE FROM THE DOOR IS THE DEPTH OF THE WALL SECTION ABOVE THE DOOR, BUT NOT LESS THAN 12".

F3. FAN SHUTDOWN RELAY WIRING SHALL BE LOCATED WITHIN 3 FEET OF THE FAN CONTROLS AND THE WIRING TO THE RELAY SHALL BE MONITORED.

F4. LABEL REMOTE ALARM INDICATOR FOR DUCT MOUNTED SMOKE DETECTORS (I.E. RTU-=1 SUPPLY, RTU-2 RETURN, FIRE/SMOKE DAMPER, ETC.). DUCT DETECTORS SHOULD BE LOCATED IN THE AREA BETWEEN 6 AND 10 DUCT EQUIVALENT DIAMETERS OF STRAIGHT, UNITERRUPTED DUCTWORK. DUCT DETECTORS FOR FIRE/SMOKE DAMPERS SHOULD BE LOCATED BETWEEN THE LAST INLET OR OUTLET UPSTREAM OF THE DAMPER AND THE FIRST INLET OR OUTLET DOWNSTREAM OF THE DAMPER.

F5. PROVIDE 120V POWER AND FUSTAT FOR EACH FIRE/SMOKE DAMPER. INTERLOCK WITH FIRE ALARM CONTROL PANEL TO CLOSE THE FIRE/SMOKE DAMPER UPON ANY ALARM AT THE FIRE ALARM CONTROL PANEL AND TO SHUTDOWN THE ASSOCIATED MECHANICAL UNIT.

SPECIAL OUTLETS

MARK	DESCRIPTION
AV2	AV WALL INPUT PLATE. PROVIDE 2-GANG WALL OUTLET BOX FOR AUDIO-VISUAL CABLING MOUNTED AT 46"AFF UNLESS OTHERWISE NOTED ON PLAN. PROVIDE 1" CONDUIT WITH PULL ROPE TO NEAREST ACCESSIBLE CEILING. REFER TO AUDIO-VISUAL RISER DIAGRAMS ON T531 AND T532 FOR AUDIO-VISUAL EQUIPMENT AND CABLE REQUIREMENTS FOR EACH LOCATION.
AV3	AV WALL INPUT PLATE. PROVIDE 1-GANG WALL OUTLET BOX FOR AUDIO-VISUAL CABLING MOUNTED AT 5'6"AFF UNLESS OTHERWISE NOTED ON PLAN. PROVIDE 1-1/2" CONDUIT WITH PULL ROPE TO SPECIAL OUTLET AV3 LOCATED DIRECTLY ABOVE/BELOW OR TO NEAREST FLOOR-BOX OR POKE-THRU. REFER TO AUDIO-VISUAL RISER DIAGRAMS ON T531, T532, AND T533 FOR AUDIO-VISUAL EQUIPMENT AND CABLE REQUIREMENTS FOR EACH LOCATION.
PT5	oTech: POKE-THRU: PROVIDE (2) CAT-6A DATA JACKS IN A 2-PORT MODULE MOUNTED IN POKE-THRU GANG RESERVED FOR DATA. ROUTE CABLES VIA 1"C. TO ABOVE NEAREST ACCESSIBLE CEILING. SEE AUDIO-VISUAL PLANS AND RISER DIAGRAMS FOR A/V REQUIREMENTS. ROUTE A/V CABLING VIA 1-1/2"C. TO FLAT PANEL DISPLAYS.
PT7	POKE-THRU: PROVIDE (4) CAT-6A DATA JACKS IN A 4-PORT MODULE MOUNTED IN EACH OF THE (2) POKE-THRU GANGS RESERVED FOR DATA. ROUTE CABLES VIA 1"C. TO ABOVE NEAREST ACCESSIBLE CEILING.
TV	LIGATURE RESISTANT, RECESSED TV/FLAT-PANEL ENCLOSURE: PROVIDE (2) CAT-6 DATA CABLES TERMINATED TO A 2-PORT SURFACE-MOUNT BISCUIT JACK . PROVIDE (1) COAX CONNECTION. ROUTE DATA AND COAX CABLES VIA 1-1/2"C. TO ABOVE NEAREST ACCESSIBLE CEILING. SEE SPECIAL OUTLET SCHEDULE ON ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
WAP	WIRELESS ACCESS POINT: PROVIDE DATA CABLES WITH 10 FT. EXCESS CABLE. FOR ACCESSIBLE CEILINGS, COIL EXCESS CABLE ON J-HOOK ABOVE CEILING. FOR CEILINGS OPEN TO STRUCTURE, COIL EXCESS CABLE ON J-HOOK AT SAME ELEVATION AS BOTTOM OF STRUCTURE. FOR INACCESSIBLE CEILINGS, PROVIDE 2-GANG JUNCTION BOX AND 1"C. WITH PULL ROPE AND NON-METALLIC BUSHING TO ABOVE NEAREST ACCESSIBLE CEILING. COIL EXCESS CABLE AND HANG FROM JUNCTION BOX. FOR INACCESSIBLE CEILINGS, COIL SLACK AT ACCESSIBLE CEILING LOCATION. TERMINATE CABLES TO 8P8C CONNECTORS.

SYMBOL LIST

SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING
ABBREVIATIONS					
AFF	ABOVE FINISHED FLOOR		CLG	CEILING	
AFG	ABOVE FINISHED GRADE		UON	UNLESS OTHERWISE NOTED	
CCTV	CLOSED-CIRCUIT TELEVISION		WP	WEATHERPROOF	
AUDIO-VISUAL					
SR-## / SR-##	SOUND REINFORCEMENT SPEAKER (ROUND/SQUARE)	CEILING	VP-##	VIDEO PROJECTOR	CLG/WALL
			PS-##	PROJECTION SCREEN	CLG/WALL
SR-##	SOUND REINFORCEMENT SPEAKER (ROUND)	PENDANT	FPD-##	FLAT PANEL DISPLAY (TV)	WALL
SR-##	SOUND REINFORCEMENT SPEAKER	WALL		RACK/CABINET	FLOOR/WALL
COMMUNICATIONS / PUBLIC ADDRESS					
'PACP'	PA/SOUND SYSTEM W/RACK/SHELF	FLOOR/WALL	PM	PA MASTER	
PS-## / PS-##	PAGING SPEAKER (ROUND/SQUARE)	CEILING		CALL SWITCH	46"AFF
PS-##	PAGING SPEAKER (ROUND)	PENDANT	V	VOLUME CONTROL	46"AFF
PS-##	PAGING SPEAKER	WALL		BELL	BOTTOM 80"
	CLOCK/SPEAKER (SYSTEM CLOCK)	WALL		MICROPHONE OUTLET	WALL
	SYSTEM CLOCK (A=ANALOG, D=DIGITAL)	WALL			
	DIGITAL CLOCK WITH TIMER	WALL	ECBMS	EMERGENCY 2-WAY COMM - EM CALL BOX MASTER STATION	WALL
IM	INTERCOM MASTER		ECB	EMERGENCY 2-WAY COMM - EMERGENCY CALL BOX	42"AFF
ID	INTERCOM DOOR STATION				
IS	INTERCOM SYSTEM SUB-STATION				
PHONE / DATA / CATV / PATHWAYS					
	TELECOMMUNICATIONS OUTLET & JACK(S) (GEN NOTES T1 & T3)	18"AFF	A#	HORIZONTAL CABLE TAG: LETTER = SYSTEM • D = DATA • DS = DATA - SACK • S = SECURITY • W = WIRELESS ACCESS POINT • WS = WIRELESS ACCESS POINT - SACK # = CABLE QUANTITY 3	SEE HORIZONTAL CABLE SCHEDULE
W	WALL PHONE OUTLET & JACK (GEN NOTES T1 & T3)	46"AFF			
	CABLE TV OR VIDEO OUTLET & CONNECTOR (GEN NOTES T1 & T3)	18"AFF			
A A	SPECIAL OUTLET (SEE SCHEDULE OR AS NOTED)				
	OPEN 2-POST DATA RACK WITH VERTICAL CABLE MANAGEMENT	FLOOR		CONDUIT SLEEVE	GENERAL NOTE 7
			F	FIRE-RATED CONDUIT SLEEVE	
	OPEN 4-POST DATA RACK WITH VERTICAL CABLE MANAGEMENT	FLOOR		CABLE TRAY: WIRE BASKET LADDER SOLID BOTTOM	GENERAL NOTE 8
	ENCLOSED DATA CABINET	FLOOR			
	DOUBLE-SWING ENCLOSED DATA CABINET	WALL	PBB	PRIMARY BONDING BUSBAR	WALL
			SBB	SECONDARY BONDING BUSBAR	WALL
FIRE ALARM					
'FACP'	FIRE ALARM CONTROL PANEL	WALL	FM	FIRE ALARM MANUAL STATION	46"AFF
'FAAP'	FIRE ALARM REMOTE ANNUNCIATOR	WALL	S S S S S AC UF	PHOTO ELECTRIC AREA SMOKE DETECTOR (GEN NOTE F2)	CLG/WALL ABOVE CLG UNDER FLR
'VEP'	VOICE EVACUATION PANEL	WALL			
H	FIRE ALARM HORN	BOTTOM 80"			
H C	FIRE ALARM HORN	CEILING	S	DUCT SMOKE DETECTOR (GEN NOTE F4)	DUCTWORK
H	FIRE ALARM VISUAL SIGNAL	BOTTOM 80"			
	FIRE ALARM VISUAL SIGNAL	CEILING	FSD S	DUCT SMOKE DETECTOR & FIRE/ SMOKE DAMPER (GEN NOTES F4 & F5)	DUCTWORK
	COMB. F.A. HORN & VISUAL SIGNAL	BOTTOM 80"			
C	COMB. F.A. HORN & VISUAL SIGNAL	CEILING	H H R H H	HEAT DETECTOR (GEN NOTE F2) (FIXED TEMPERATURE UON) R = RATE OF RISE H = HIGH TEMPERATURE	
S	FIRE ALARM SPEAKER	WALL			
S C	FIRE ALARM SPEAKER	CEILING			
	COMB. F.A. SPEAKER & VIS SIGNAL	BOTTOM 80"	CO	CARBON MONOXIDE DETECTOR	
C	COMB. F.A. SPEAKER & VIS SIGNAL	CEILING	CO2	CARBON DIOXIDE DETECTOR	
C F	CHIME	WALL	SMOKE	SMOKE CAMERA (EQUAL TO XTRALIS OSID)	WALL (AS HIGH AS POSSIBLE)
F	FIRE SPRINKLER ALARM BELL	WALL			
DH	ELECTROMAGNETIC DOOR HOLDER	WALL	PS	FIRE SPRINKLER PRESSURE SWITCH	
R	FIRE ALARM RELAY (GEN NOTE F3)		TS	FIRE SPRINKLER TAMPER SWITCH	SPRKLR RSR
CM	FIRE ALARM CONTROL MODULE		FS	FIRE SPRINKLER WATER FLOW SW	SPRKLR RSR
MM	FIRE ALARM MONITOR MODULE				
SECURITY					
	CCTV CAMERA - BULLET		'ACS#'	ACCESS CONTROL SYSTEM PANEL	WALL
	CCTV CAMERA - PAN/TILT/ZOOM			DOOR POSITION SWITCH	
			E	ELECTRIC DOOR STRIKE	
	CCTV CAMERA - 360° QUAD SENSOR WITH PTZ ATTACHMENT		M	MAGNETIC LOCK	
			CR	CARD READER	WALL
	CCTV DOME CAMERA - FIXED (SINGLE SENSOR)		CR M	CARD READER	MULLION
			K	KEY PAD	
	CCTV DOME CAMERA - FIXED (DUAL SENSOR)		ED	REQUEST TO EXIT DEVICE (MOTION)	
			RE	REQUEST TO EXIT DEVICE (PSHBTN)	WALL
	CCTV DOME CAMERA - FIXED (TRI SENSOR)		###	DOOR TAG	
			IM	INTERCOM MASTER STATION	
	CCTV DOME CAMERA - FIXED (QUAD SENSOR)		IC	INTERCOM	WALL
			IC V	VIDEO INTERCOM	WALL
	CCTV DOME CAMERA - FIXED (360° FISH EYE)		IC VC	VIDEO INTERCOM W/ CARD READER	WALL
			'IDS#'	INTRUSION DETECTION SYST PANEL	WALL
	DURESS			GLASS BREAK SENSOR	
	DOOR RELEASE BUTTON		B	SECURITY BEAM DETECTOR	
	PERSONAL DURESS RECEIVER	WALL/CLG		SEC ROOM MOTION DETECTOR	WALL/CLG
PLT	PERSONAL DURESS PRECISION LOCATION TAG	WALL/CLG		SEC ROOM MOTION DETECTOR	CEILING
				SEC CORRIDOR MOTION DETECTOR	

- - - SYMBOL LIST IS FOR REFERENCE ONLY. ALL SYMBOLS MAY NOT BE USED ON THIS PROJECT. - - -

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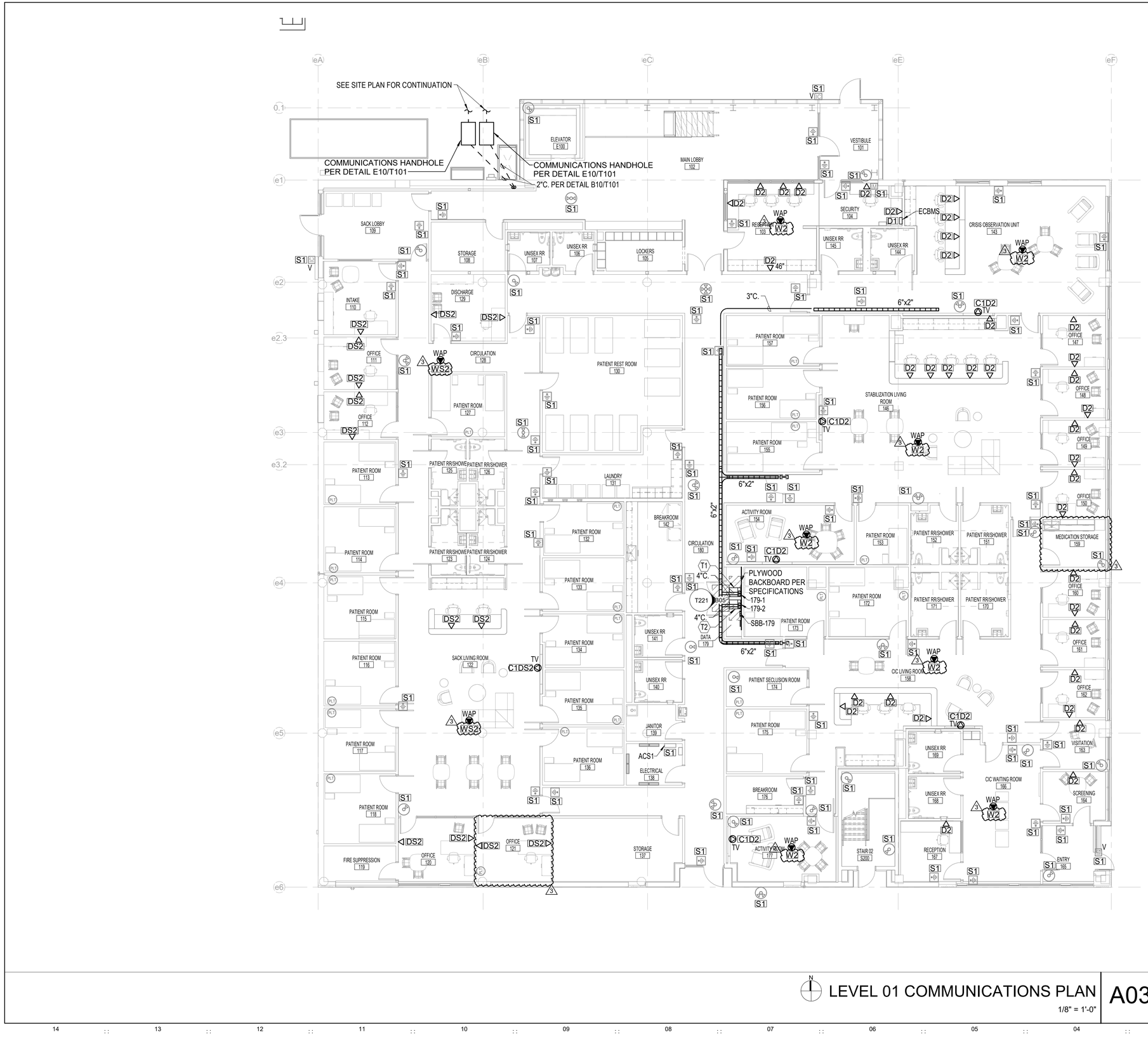
TECHNOLOGY GENERAL NOTES AND SYMBOLS

T001

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KEYNOTES

T1	SACK NETWORK CABINET. CONNECT CABINET TO AT&T UTILITY SERVICE.
T2	COMCARE NETWORK CABINET. CONNECT CABINET TO COX UTILITY SERVICE VIA EXTENSION THROUGH MDF.

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6. SUBMIT SHOP DRAWINGS AND INSTALL INTERIOR TELECOMMUNICATIONS INFRASTRUCTURE TO MEET THE NEEDS OF THE ACTIVITY AND SUPPORTING FACILITIES IN ACCORDANCE WITH ANSI/TIA-569-E, BICSI STANDARDS, AND THE SPECIFICATIONS.

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COMMUNICATIONS GENERAL NOTES

A01

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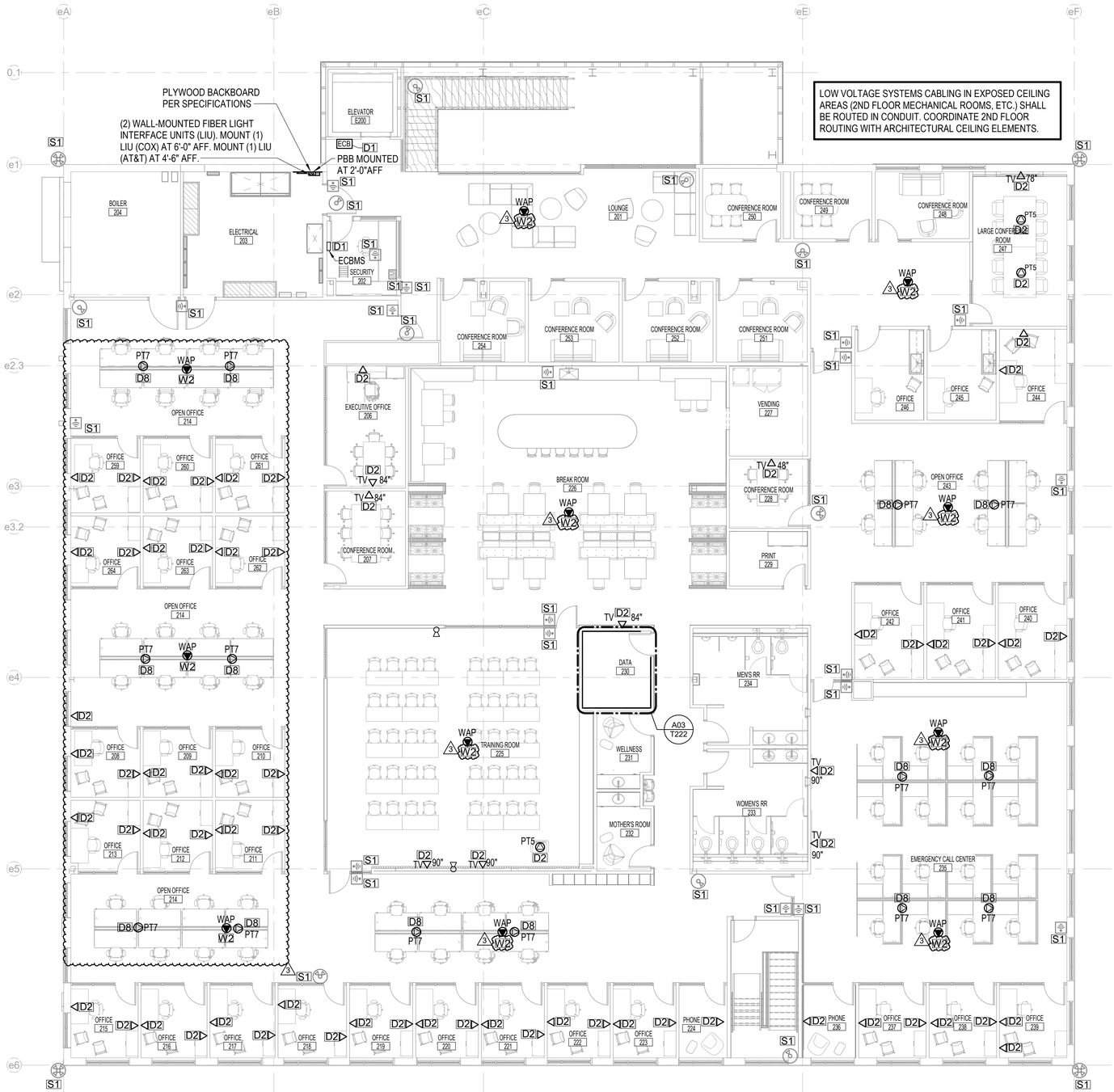
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LEVEL 02 COMMUNICATIONS PLAN

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COMMUNICATIONS GENERAL NOTES

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KEYNOTES

#	
A4	SEE DETAIL A10/T532 FOR AUDIO-VISUAL RISER DIAGRAM.
A5	SEE DETAIL A03/T532 FOR AUDIO-VISUAL RISER DIAGRAM.
A6	SEE DETAIL D01/T532 FOR AUDIO-VISUAL RISER DIAGRAM.
A7	SEE DETAIL G01/T532 FOR AUDIO-VISUAL RISER DIAGRAM.
A8	SEE DETAIL A06/T534 FOR AUDIO-VISUAL RISER DIAGRAM.

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6. INSTALL AUDIO VISUAL AUXILIARY DEVICES (ROOM SCHEDULERS, TOUCH PANELS, PROJECTORS, ETC.) AND ASSOCIATED CABLING IN OUTLET BOXES AND RACEWAY SYSTEMS DESIGNATED FOR THIS PURPOSE; SEE RELATED BUILDING CONSTRUCTION DOCUMENTS FOR ROUGH-IN PROVIDED BY OTHERS. ADDITIONAL OUTLET BOXES AND RACEWAY AS REQUIRED FOR A COMPLETE INSTALLATION SHALL BE PROVIDED AND INSTALLED BY THIS CONTRACTOR.

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LEVEL 02 AUDIO-VISUAL PLAN

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A03

AUDIO-VISUAL GENERAL NOTES

A01

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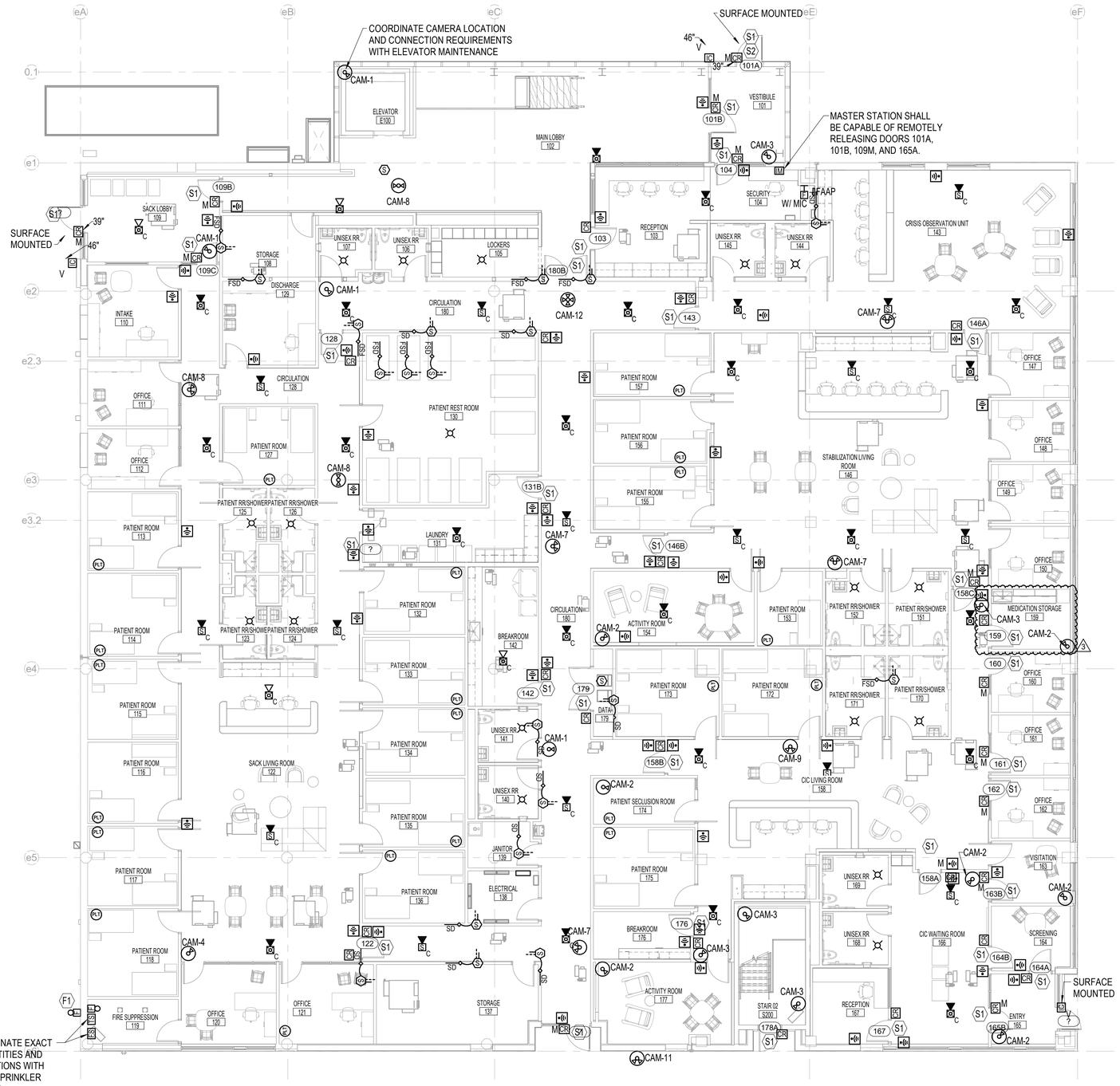
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KEYNOTES

F1	ALARM BELL PROVIDED BY SPRINKLER CONTRACTOR. 120V CONNECTION PROVIDED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL CONNECT TO THE FLOW SWITCH TO ONLY ALARM DURING SPRINKLER FLOW AND BE MONITORED BY FIRE ALARM SYSTEM.
S1	DOOR CONTAINS ACCESS CONTROL DEVICES. REFER TO ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL ACCESS CONTROL DEVICES AND REQUIREMENTS. DOOR POSITION SWITCH(ES) SHALL BE MONITORED WITH ACCESS CONTROL SYSTEM UNLESS OTHERWISE NOTED. REFER TO ACCESS CONTROL ROUGH-IN DETAIL FOR ROUGH-IN REQUIREMENTS AND RESPONSIBILITY MATRIX.
S2	DOOR CONTAINS AN AUTOMATIC DOOR OPERATOR. REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE WITH ACCESS CONTROL DEVICES AS REQUIRED.

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6. WHERE THE SAME DEVICE IS SHOWN IN THE SAME LOCATION ON BOTH THE POWER AND TECHNOLOGY PLANS, ONLY ONE DEVICE IS REQUIRED. PROVIDE BOTH POWER AND LOW VOLTAGE WIRING AS SHOWN.
7. THE FIRE ALARM SYSTEM SHOWN HAS BEEN DESIGNED PER THE REQUIREMENTS OF NFPA 72. DEVICES SHOWN INDICATE THE DESIGN INTENT AND SHALL BE THE MINIMUM PROVIDED. SYSTEM SUPPLIER SHALL PROVIDE ANY ADDITIONAL CODE REQUIRED DEVICES OR DEVICES REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

N

LEVEL 01 SAFETY-SECURITY PLAN

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A03

SAFETY-SECURITY GENERAL NOTES

A01

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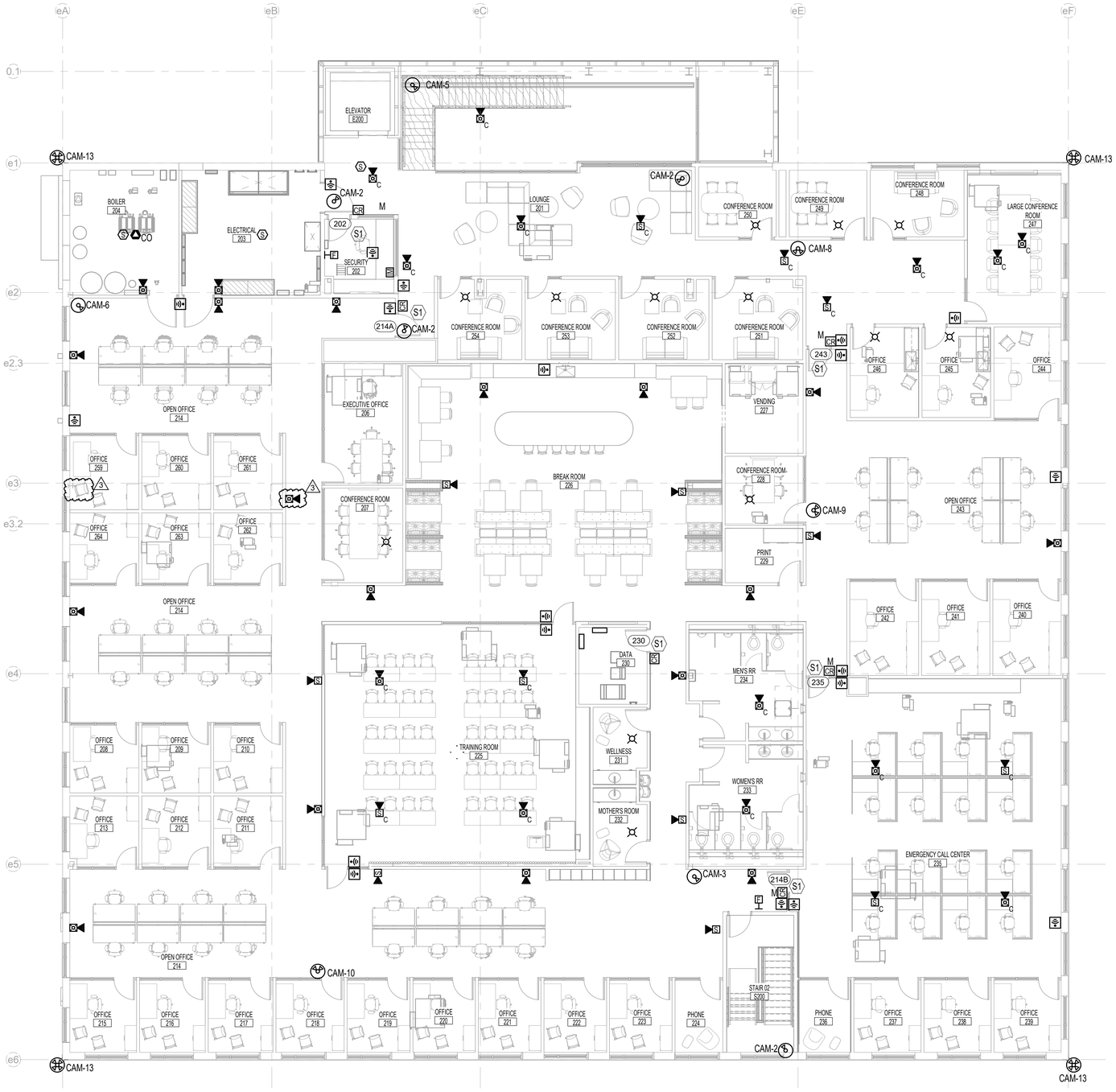
NO.	REVISION	DATE:
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LEVEL 01 SAFETY-SECURITY PLAN

T141

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KEYNOTES

#	
S1	DOOR CONTAINS ACCESS CONTROL DEVICES. REFER TO ARCHITECTURAL DOOR HARDWARE SPECIFICATIONS FOR ADDITIONAL ACCESS CONTROL DEVICES AND REQUIREMENTS. DOOR POSITION SWITCH(ES) SHALL BE MONITORED WITH ACCESS CONTROL SYSTEM UNLESS OTHERWISE NOTED. REFER TO ACCESS CONTROL ROUGH-IN DETAIL FOR ROUGH-IN REQUIREMENTS AND RESPONSIBILITY MATRIX.

1. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF FIRE RATED WALLS AND CEILINGS AND THE ASSOCIATED U.L. ASSEMBLY NUMBERS.
2. FOR ALL PENETRATIONS IN FIRE RATED WALLS AND CEILINGS, PROVIDE AN ASTM E814 COMPLIANT, U.L. LISTED THROUGH PENETRATION FIRE STOPPING SYSTEM THAT IS SPECIFIC TO THE WALL OR CEILING CONSTRUCTION ASSEMBLY. INSTALL SYSTEM IN STRICT COMPLIANCE WITH THE U.L. ASSEMBLY INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
3. ALL PIPING, CONDUIT, AND OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) IN FIRE RATED WALLS OR CEILINGS SHALL BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIAL.
4. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF FIRE RATED WALLS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES OR PROTECTED BY OTHER MEANS ALLOWED BY THE SPECIFIC U.L. ASSEMBLY.
5. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF STC RATED WALLS. OUTLET BOXES (ELECTRIC, TELEPHONE, COMPUTER, ETC.) ON OPPOSITE SIDES OF STC RATED WALLS SHALL BE LIMITED TO TWO OUTLET BOXES PER STUD SPACE AND COVERED WITH "PUTTY PAD" TYPE MOLDABLE FIRE BARRIER.
6. WHERE THE SAME DEVICE IS SHOWN IN THE SAME LOCATION ON BOTH THE POWER AND TECHNOLOGY PLANS, ONLY ONE DEVICE IS REQUIRED. PROVIDE BOTH POWER AND LOW VOLTAGE WIRING AS SHOWN.
7. THE FIRE ALARM SYSTEM SHOWN HAS BEEN DESIGNED PER THE REQUIREMENTS OF NFPA 72. DEVICES SHOWN INDICATE THE DESIGN INTENT AND SHALL BE THE MINIMUM PROVIDED. SYSTEM SUPPLIER SHALL PROVIDE ANY ADDITIONAL CODE REQUIRED DEVICES OR DEVICES REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

N

LEVEL 02 SAFETY-SECURITY PLAN

1/8" = 1'-0"

A03

SAFETY-SECURITY GENERAL NOTES

A01

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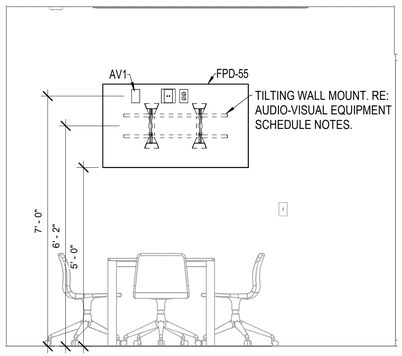
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1	City Comments 1	5/2/2025
3	ADDENDUM 3	07.28.2025

LEVEL 02 SAFETY-SECURITY PLAN

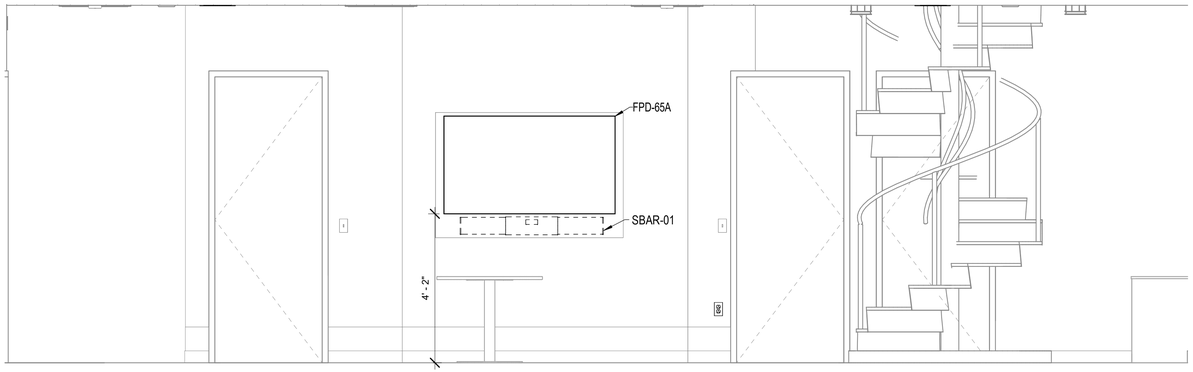
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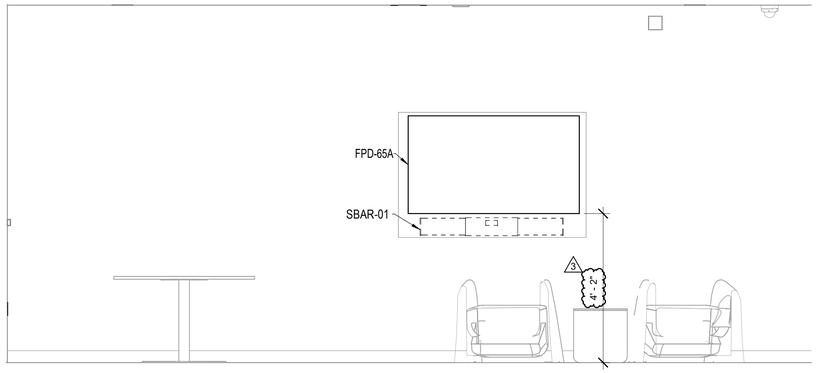
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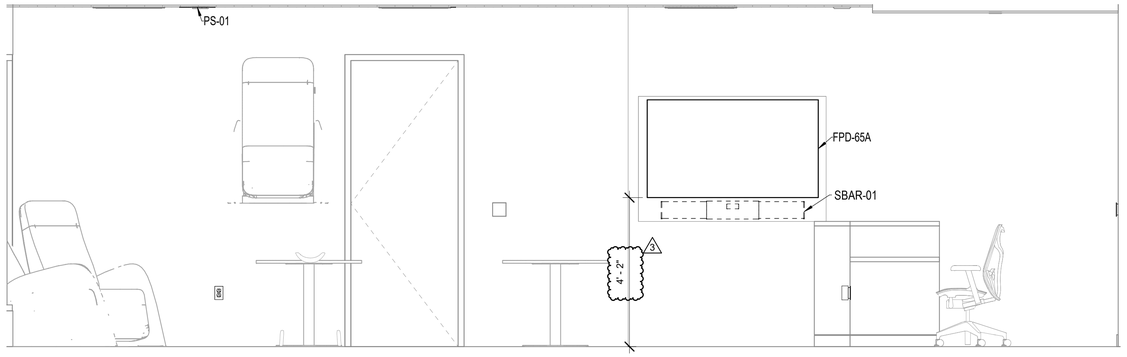
EXECUTIVE OFFICE 206 - SOUTH AUDIO-VISUAL ELEVATION
N.T.S.
G11



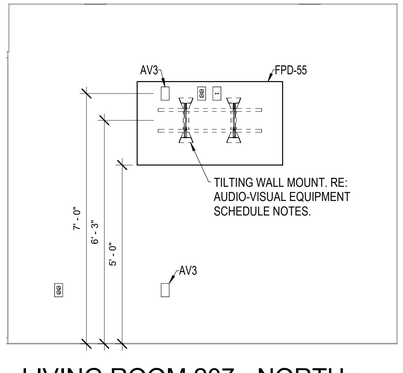
STABILIZATION LIVING ROOM 146 - WEST AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
G05



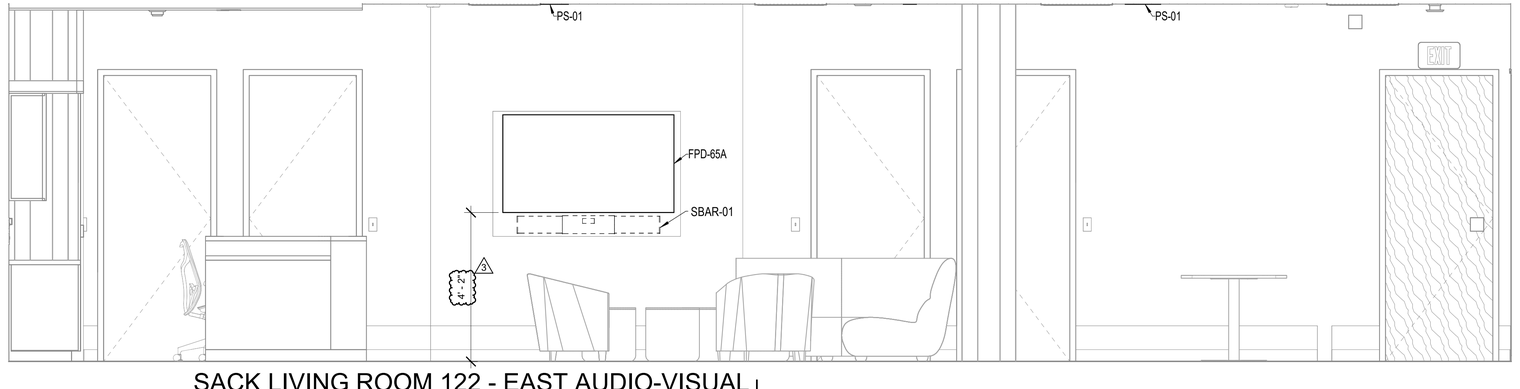
ACTIVITY ROOM 154 - SOUTH AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
D10



CRISIS OBSERVATION UNIT 143 - SOUTH AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
D03



LIVING ROOM 207 - NORTH AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
A11



SACK LIVING ROOM 122 - EAST AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
A05

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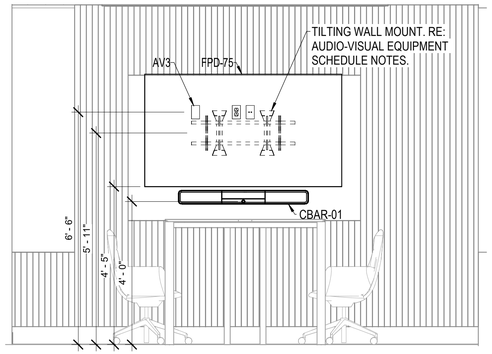
AUDIO-VISUAL ELEVATIONS

T231

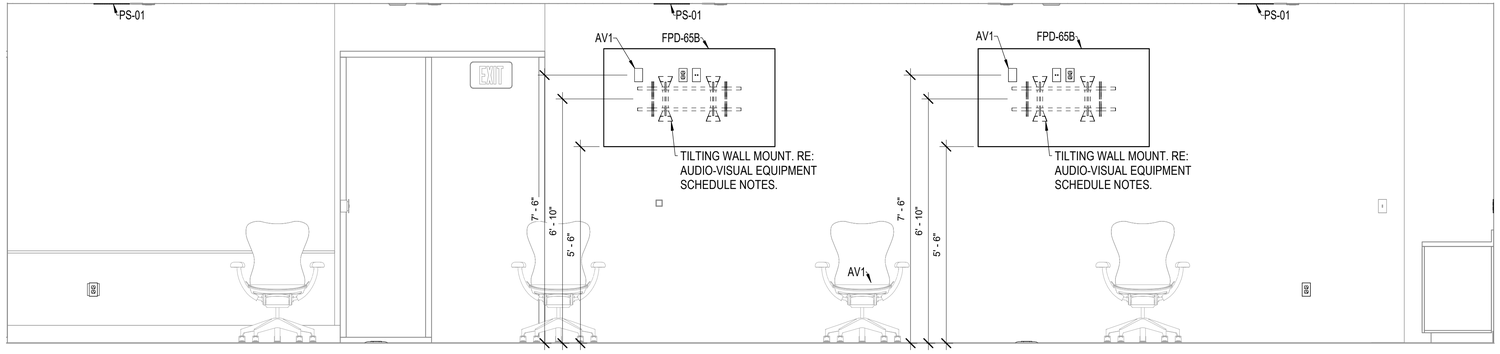
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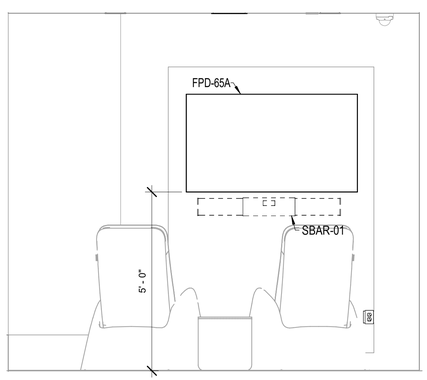
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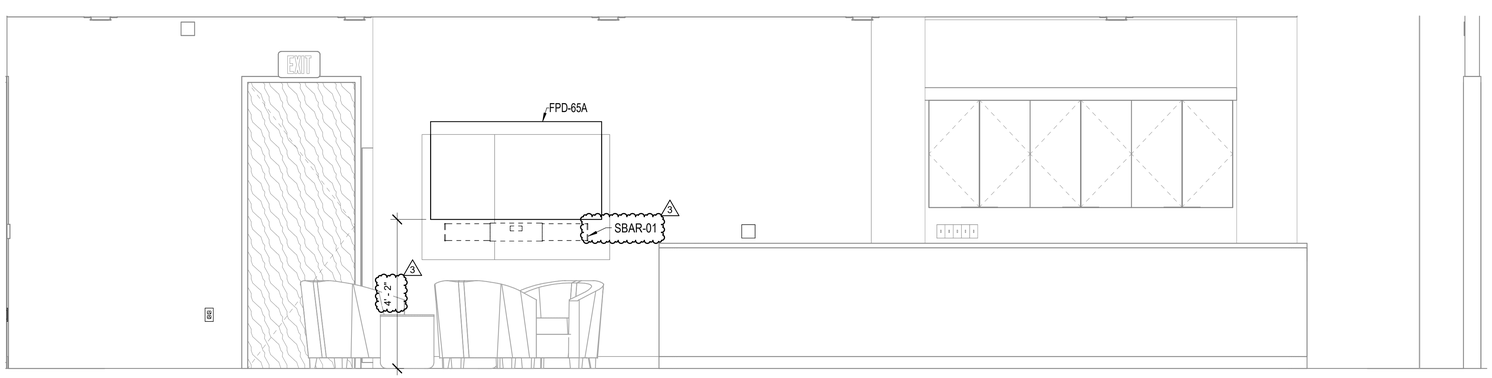
CONFERENCE ROOM 247 - NORTH AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
D11



EMERGENCY CALL CENTER 235 - WEST AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
G06



ACTIVITY ROOM 122 - WEST AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
A11



CIC LIVING ROOM 158 - SOUTH AUDIO-VISUAL ELEVATION
1/2" = 1'-0"
A04

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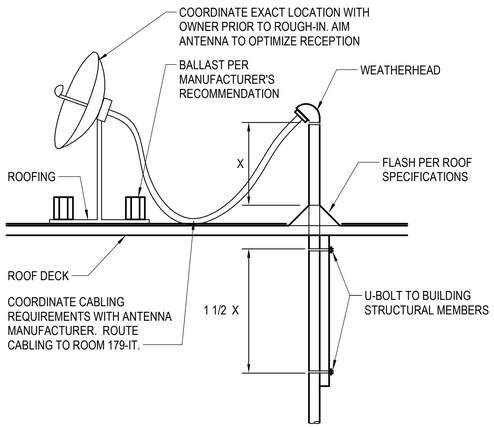
AUDIO-VISUAL ELEVATIONS

T232

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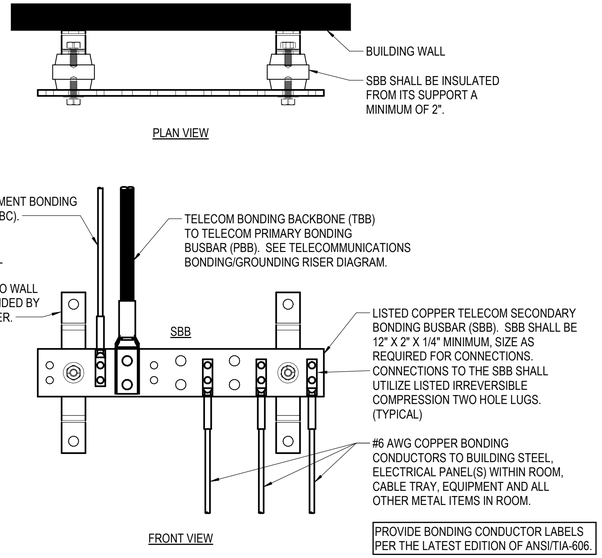
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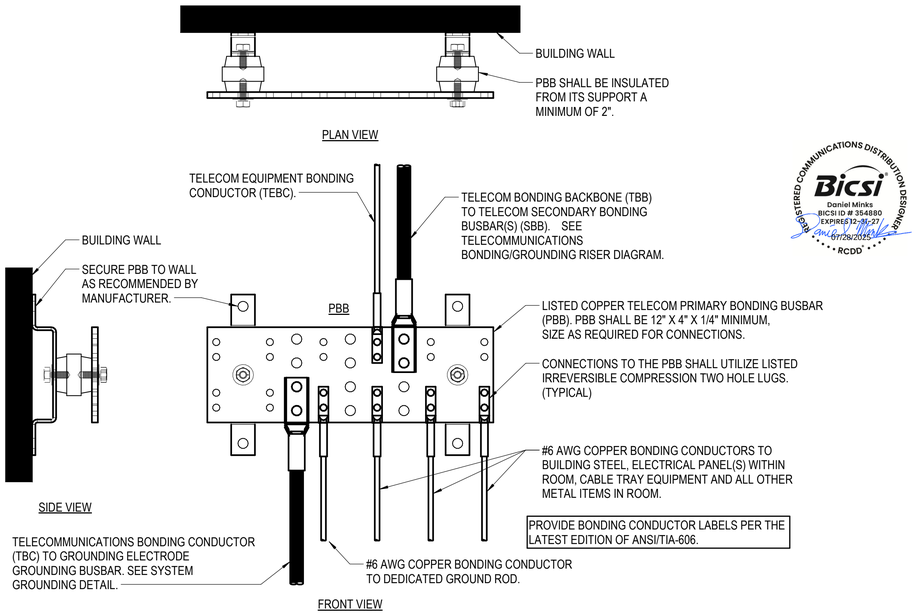
WEATHERHEAD FOR SATELLITE DISH | F12

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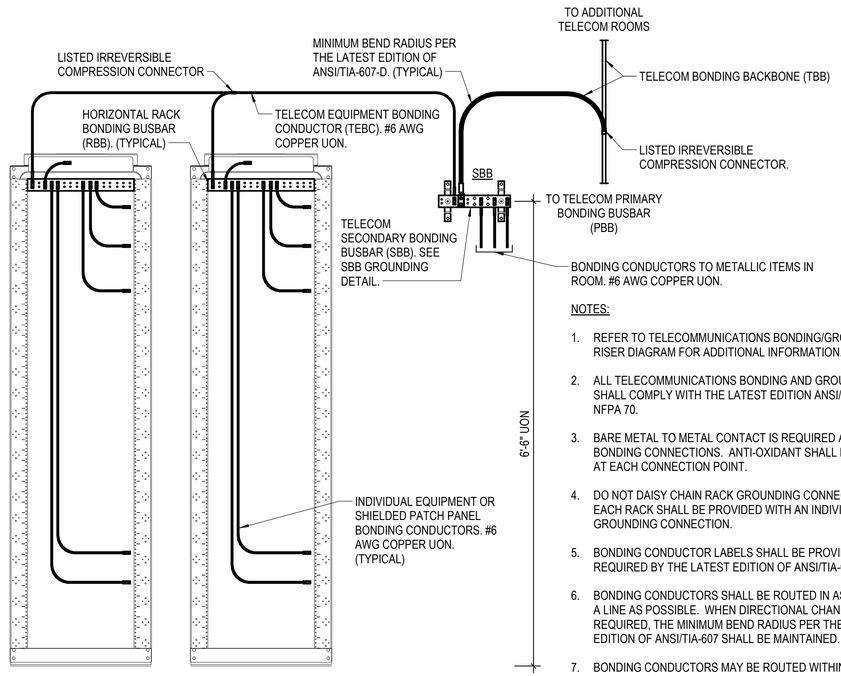
TELECOMMUNICATIONS SECONDARY BONDING BUSBAR (SBB) DETAIL | F09

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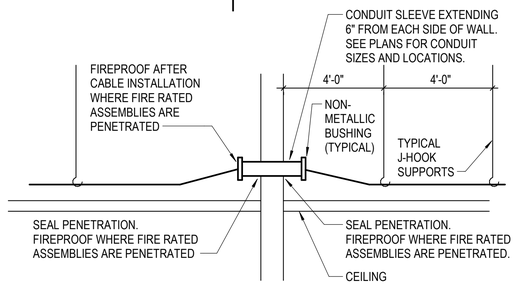
TELECOMMUNICATIONS PRIMARY BONDING BUSBAR (PBB) DETAIL | F03

N.T.S.



TYPICAL TELECOMMUNICATIONS ROOM GROUNDING DETAIL | A11

N.T.S.



WALL PENETRATION DETAIL - J-HOOKS | D06

N.T.S.

TBB SIZE

TBB LENGTH	TBB SIZE
< 13'	#6 AWG
14'-20'	#4 AWG
21'-26'	#3 AWG
27'-33'	#2 AWG
34'-41'	#1 AWG
42'-52'	#1/0 AWG
53'-66'	#2/0 AWG
67'-84'	#3/0 AWG
85'-105'	#4/0 AWG
106'-125'	250 kcmil
126'-150'	300 kcmil
151'-175'	350 kcmil
176'-250'	500 kcmil
251'-300'	600 kcmil
> 301'	750 kcmil

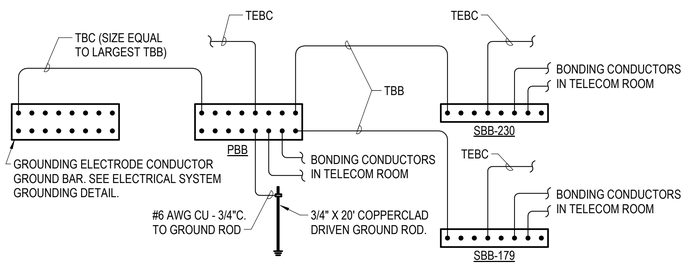
HORIZONTAL CABLE SCHEDULE

SYSTEM	CABLE TYPE	CABLE COLOR	JACK COLOR	REMARKS
CATV	QUAD-SHIELD RG-6 COAX	BLACK	BLACK	
DATA	CAT-6	BLUE	BLUE	
SECURITY	CAT-6	YELLOW	YELLOW	
WIRELESS AP	CAT-6	ORANGE	ORANGE	
WIRELESS AP-SACK	CAT-6	ORANGE	ORANGE	TERMINATE CABLE IN SACK NETWORK CABINET.

3

NOTES:

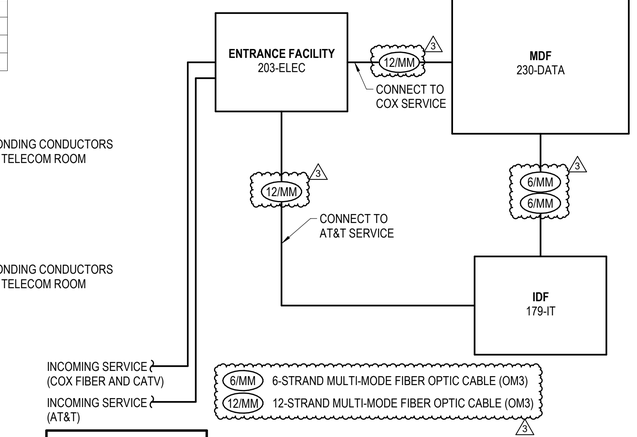
1. REFER TO TELECOMMUNICATIONS BONDING/GROUNDING RISER DIAGRAM FOR ADDITIONAL INFORMATION.
2. ALL TELECOMMUNICATIONS BONDING AND GROUNDING SHALL COMPLY WITH THE LATEST EDITION ANSI/TIA-607 AND NFPA 70.
3. BARE METAL TO METAL CONTACT IS REQUIRED AT ALL BONDING CONNECTIONS. ANTI-OXIDANT SHALL BE APPLIED AT EACH CONNECTION POINT.
4. DO NOT DAISY CHAIN RACK GROUNDING CONNECTIONS. EACH RACK SHALL BE PROVIDED WITH AN INDIVIDUAL GROUNDING CONNECTION.
5. BONDING CONDUCTOR LABELS SHALL BE PROVIDED AS REQUIRED BY THE LATEST EDITION OF ANSI/TIA-606.
6. BONDING CONDUCTORS SHALL BE ROUTED IN AS STRAIGHT A LINE AS POSSIBLE. WHEN DIRECTIONAL CHANGES ARE REQUIRED, THE MINIMUM BEND RADIUS PER THE LATEST EDITION OF ANSI/TIA-607 SHALL BE MAINTAINED.
7. BONDING CONDUCTORS MAY BE ROUTED WITHIN CABLE TRAYS OR ON THE OUTSIDE OF LADDER RACK, OR SUPPORTED BY OTHER ACCEPTABLE MEANS (E.G. CABLE BRACKETS).
8. BONDING CONDUCTORS SHALL HAVE A GREEN JACKET OR SHALL BE DISTINCTIVELY MARKED WITH A GREEN COLOR.



ABBREVIATIONS:
TBC: TELECOMMUNICATION BONDING CONDUCTOR
TBB: TELECOMMUNICATIONS BONDING BACKBONE
TEBC: TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR
PBB: PRIMARY BONDING BUSBAR
SBB: SECONDARY BONDING BUSBAR

TELECOMMUNICATIONS BONDING/ GROUNDING RISER | A05

N.T.S.



COORDINATE EXACT LOCATIONS OF SERVICE ENTRANCES TO BEST SERVE REDUNDANCY

TELECOMMUNICATIONS BACKBONE RISER | A01

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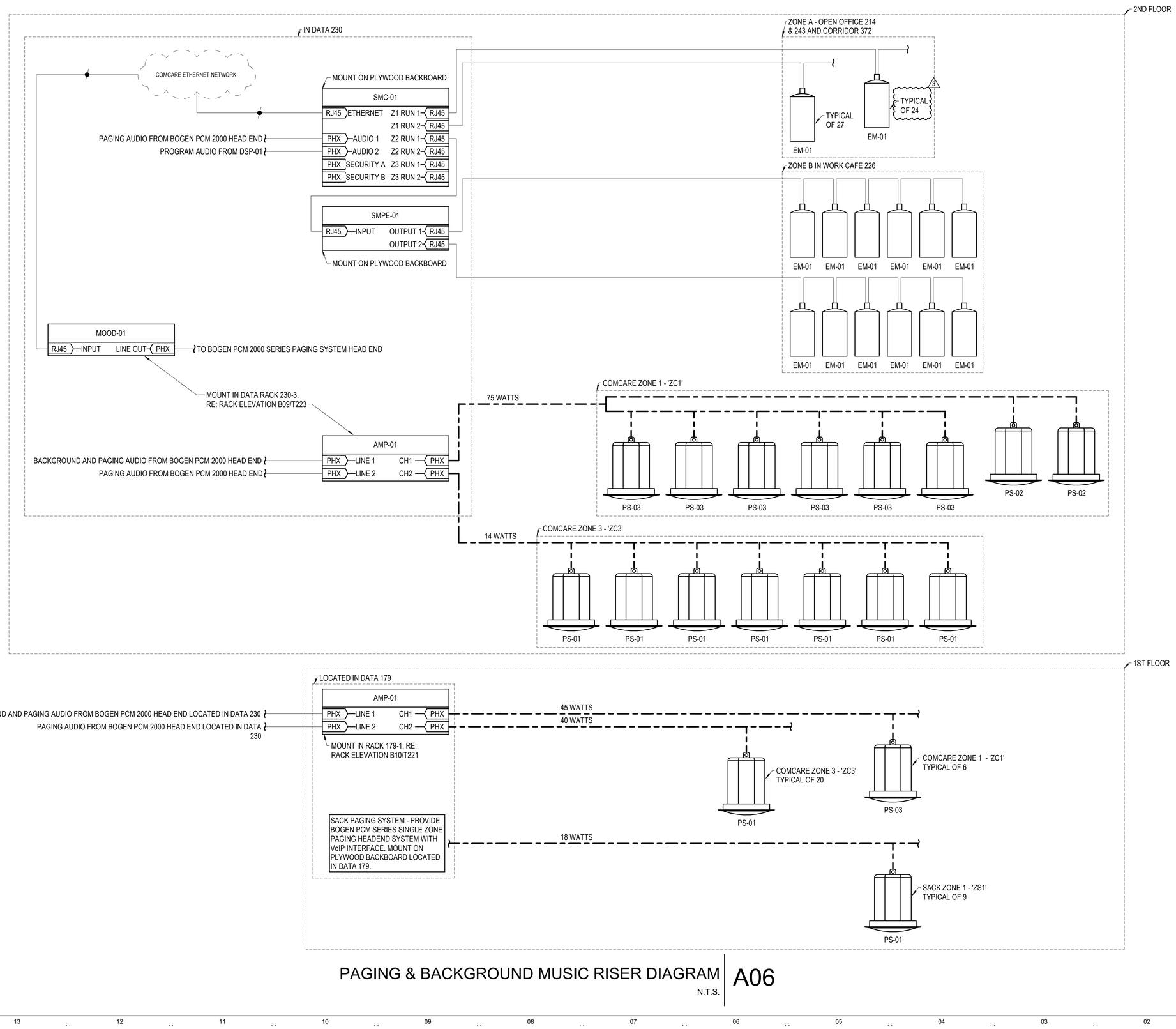
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COMMUNICATIONS RISERS AND DETAILS

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PAGING & BACKGROUND MUSIC RISER DIAGRAM

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A06

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AUDIO-VISUAL RISERS AND DETAILS

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