SEDGWICK COUNTY, KANSAS
DIVISION OF FINANCE
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ADDENDUM #2
RFB #22-0059
COURTHOUSE UPPER FLOORS REMODEL

August 22, 2022

The following is to ensure that vendors have complete information prior to submitting a proposal. Here are some clarifications regarding the proposal for Courthouse Upper Floor Remodel for Project Services.

Questions and/or statements of clarification are in **bold** font, and answers to specific questions are *italicized.*

PLEASE SEE THE ATTACHED DOCUMENT WHICH CONTAINS REVISIONS TO SPECIFICATIONS FOR THE FOLLOWING:

1. **SAFETY AND SECURITY FILMS**
2. **DOOR HARDWARE**

Firms interested in submitting a **bid**, must respond with complete information and **deliver on or before 1:45 pm CDT, August 23, 2022.** Late **bids** will not be accepted and will not receive consideration for final award.

"PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE *PROPOSAL/BID* RESPONSE PAGE."

Lee Barrier

Lee Barrier
Purchasing Agent

LB/lj

GENERAL:

ITEM AD1-G01 SPECIFICATIONS:

REVISION: The following manufacturers have been approved in the sections indicated, provided their product satisfies all requirements of the specifications and contract documents:

SECTION	PRODUCT	MANUFACTURER
08 80 00	Fire-Resistance-Rated Glass; Contraflam with VDS Frames	Vetrotech Saint-Gobain North America; www.vetrotechusa.com
08 80 00	Fire-Resistance-Rated Glass; Contraflam with Aluflam USA Curtainwall Frames	Vetrotech Saint-Gobain North America; www.vetrotechusa.com; Aluflam USA; www.aluflam-usa.com
08 87 23	Safety and Security Glazing Film; Accessgard	Global Security Glazing

ITEM AD1-G02 SPECIFICATIONS, 08 87 23 SAFETY AND SECURITY FILMS:
REVISION: 2.02A, #1. Remove "1/4 inch (6 mm) thick clear annealed glass" and replace with "3/8" thick clear tempered glass".

ITEM AD1-G03 SPECIFICATIONS, 08 71 00 DOOR HARDWARE:
REVISION: Omit previous section and replace with revised.

ARCHITECTURAL:

ITEM AD1-A01: DRAWING SHEETS A22.1 & A22.2
OMIT: Omit note 8.04 on plan and 'Keyed Notes'.

ITEM AD1-A02: DRAWING SHEETS A21.1, A22.1, A22.1D, A72.1
REVISION: Double door E225 and adjacent glazing to be demolished and install a new single door 225A and gypsum board wall to replace it.

ITEM AD1-A03: DRAWING SHEETS A22.4, A22.4D, A22.5, A22.5D, A52.1
REVISION: Judge Office Toilets 803, 810, & 908 walls adjusted to accommodate clear floor space requirements.

ITEM AD1-A04: DRAWING SHEETS A22.1 & A22.2
ADD: Note 2.70 on plan and 'Keyed Notes'.

ITEM AD1-A05: DRAWING SHEET A61.1, ENLARGED PLAN A1
ADD: Jamb detail and annotation at coiling fire door.

ITEM AD1-A06: DRAWING SHEETS A66.1 - MILLWORK ELEVATIONS
LEVEL 2 PLAN, ELEVATIONS 1 THRU 4;
A61.1 – DETAIL A7
ADD: Glass shield at Reception 201.

ITEM AD1-A07: DRAWING SHEETS A21.1, A22.1, A22.1D, A72.1
REVISION: Remove existing door and adjacent glazing. Infill with single door and gypsum board wall.

ELECTRICAL:

ITEM AD1-E01: DRAWING SHEETS E30.1, E70.1, E80.1, E90.1, PLAN NOTES
REVISION: Note 1: Panel number updated to correspond to plan floor number;
Note 2: Panel number updated to correspond to plan floor number.

ITEM AD1-E02: DRAWING SHEETS E20.3 & E30.3
REVISION: Door access connections revised at the following doors:
200, 201A, 213A, 225A, E352B, 328

ATTACHMENTS

SPECIFICATIONS

08 71 00	DOOR HARDWARE	ENTIRE SECTION – REVISIONS HIGHLIGHTED IN YELLOW

DRAWINGS

A21.1	DEMOLITION PLAN – 2ND FLOOR
A22.1	FLOOR PLAN – 2ND FLOOR
A22.1D	DIMENSION PLAN – 2ND FLOOR
A22.2	FLOOR PLAN – 3RD FLOOR
A22.4	FLOOR PLAN – 8TH FLOOR
A22.4D	DIMENSION PLAN – 8TH FLOOR
A22.5	FLOOR PLAN – 9TH FLOOR
A22.5D	DIMENSION PLAN – 9TH FLOOR
A52.1	ENLARGED RESTROOM DRAWINGS AND SCHEDULE
A61.1	GENERAL DETAILS
A66.1	MILLWORK ELEVATIONS
A72.1	DOOR, FRAME & PARTITION SCHEDULES
E20.3	2ND FLOOR SPECIAL SYSTEMS
E30.1	3RD FLOOR POWER PLAN
E30.3	3RD FLOOR SPECIAL SYSTEMS
E70.1	7TH FLOOR POWER PLAN
E80.1	8TH FLOOR POWER PLAN
E90.1	9TH FLOOR POWER PLAN

SECTION 087100 - DOOR HARDWARE

PART 1 GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

A. This Section includes commercial door hardware for the following:

1. Swinging doors.
2. Other doors to the extent indicated.

B. Door hardware includes, but is not necessarily limited to, the following:

1. Mechanical door hardware.
2. Electromechanical door hardware.
3. Automatic operators.
4. Cylinders specified for doors in other sections.

C. Related Sections:

1. Division 08 Section "Hollow Metal Doors and Frames".
2. Division 08 Section "Flush Wood Doors".

D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
2. ICC/IBC - International Building Code.
3. NFPA 70 - National Electrical Code.
4. NFPA 80 - Fire Doors and Windows.
5. NFPA 101 - Life Safety Code.
6. NFPA 105 - Installation of Smoke Door Assemblies.
7. UL/ULC and CSA C22.2 – Standards for Automatic Door Operators Used on Fire and Smoke Barrier Doors and Systems of Doors.
8. State Building Codes, Local Amendments.

E. Standards: All hardware specified herein shall comply with the following industry standards as applicable. Any undated reference to a standard shall be interpreted as referring to the latest edition of that standard:

1. ANSI/BHMA Certified Product Standards - A156 Series.
2. UL10C - Positive Pressure Fire Tests of Door Assemblies.
3. UL 305 - Panic Hardware.

1.03 SUBMITTALS

A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
3. Content: Include the following information:
   a. Type, style, function, size, label, hand, and finish of each door hardware item.
   b. Manufacturer of each item.
   c. Fastenings and other pertinent information.
   d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
   e. Explanation of abbreviations, symbols, and codes contained in schedule.
   f. Mounting locations for door hardware.
   g. Door and frame sizes and materials.
   h. Warranty information for each product.
4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.

C. Shop Drawings: Details of electrified access control hardware indicating the following:

1. Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication, and control of the access control system electrified hardware. Differentiate between manufacturer-installed and field-installed wiring. Include the following:
   a. Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings.
   b. Complete (risers, point-to-point) access control system block wiring diagrams.
   c. Wiring instructions for each electronic component scheduled herein.
2. Electrical Coordination: Coordinate with related sections the voltages and wiring details required at electrically controlled and operated hardware openings.

D. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.

E. Informational Submittals:

1. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

F. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Procedures.

1.04 QUALITY ASSURANCE

A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.

B. Certified Products: Where specified, products must maintain a current listing in the Builders Hardware Manufacturers Association (BHMA) Certified Products Directory (CPD).

C. Installer Qualifications: A minimum 5 years documented experience installing both standard and electrified door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.

D. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.

E. Automatic Operator Supplier Qualifications: Power operator products and accessories are required to be supplied and installed through the Norton Preferred Installer (NPI) program. Suppliers are to be factory trained, certified, and a direct purchaser of the specified power operators and be responsible for the installation and maintenance of the units and accessories indicated for the Project.

F. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.

1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.
2. Provide electromechanical door hardware from the same manufacturer as mechanical door hardware, unless otherwise indicated.

G. Each unit to bear third party permanent label demonstrating compliance with the referenced standards.

H. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:

1. Function of building, purpose of each area and degree of security required.
2. Plans for existing and future key system expansion.
3. Requirements for key control storage and software.
4. Installation of permanent keys, cylinder cores and software.
5. Address and requirements for delivery of keys.

I. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
2. Inspect and discuss electrical roughing-in, power supply connections, and other preparatory work performed by other trades.
3. Review sequence of operation narratives for each unique access controlled opening.
4. Review and finalize construction schedule and verify availability of materials.
5. Review the required inspecting, testing, commissioning, and demonstration procedures

J. At completion of installation, provide written documentation that components were applied to manufacturer's instructions and recommendations and according to approved schedule.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.

B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.

C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.06 COORDINATION

A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.

B. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.07 WARRANTY

A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:

1. Structural failures including excessive deflection, cracking, or breakage.
2. Faulty operation of the hardware.
3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
4. Electrical component defects and failures within the systems operation.

C. Standard Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.

D. Special Warranty Periods:

1. Ten years for extra heavy duty cylindrical (bored) locks and latches.
2. Five years for exit hardware.
3. Twenty five years for manual overhead door closer bodies.
4. Five years for motorized electric latch retraction exit devices.
5. Two years for electromechanical door hardware.

1.08 MAINTENANCE SERVICE

A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

PART 2 PRODUCTS

2.01 SCHEDULED DOOR HARDWARE

A. General: Provide door hardware for each door to comply with requirements in Door Hardware Sets and each referenced section that products are to be supplied under.

B. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:

1. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.

C. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

2.02 HANGING DEVICES

A. Hinges: ANSI/BHMA A156.1 certified butt hinges with number of hinge knuckles and other options as specified in the Door Hardware Sets.

1. Quantity: Provide the following hinge quantity:
   a. Two Hinges: For doors with heights up to 60 inches.
   b. Three Hinges: For doors with heights 61 to 90 inches.
   c. Four Hinges: For doors with heights 91 to 120 inches.
   d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.
2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:
   a. Widths up to 3’0”: 4-1/2” standard or heavy weight as specified.
   b. Sizes from 3’1” to 4’0”: 5” standard or heavy weight as specified.
3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:
   a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
   b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy weight.

4. Hinge Options: Comply with the following:
   a. Non-removable Pins: Provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for the all out-swinging lockable doors.
5. Manufacturers:
   a. Bommer Industries (BO).
   b. Hager Companies (HA).
   c. McKinney Products (MK).

2.03 POWER TRANSFER DEVICES

A. Concealed Quick Connect Electric Power Transfers: Provide concealed wiring pathway housing mortised into the door and frame for low voltage electrified door hardware. Furnish with Molex™ standardized plug connectors and sufficient number of concealed wires (up to 12) to accommodate the electrified functions specified in the Door Hardware Sets. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.

1. Manufacturers:
   a. Pemko (PE) - EL-CEPT Series.
   b. Securitron (SU) - EL-CEPT Series.

B. Electric Door Wire Harnesses: Provide electric/data transfer wiring harnesses with standardized plug connectors to accommodate up to twelve (12) wires. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Provide sufficient number and type of concealed wires to accommodate electric function of specified hardware. Provide a connector for through-door electronic locking devices and from hinge to junction box above the opening. Wire nut connections are not acceptable. Determine the length required for each electrified hardware component for the door type, size and construction, minimum of two per electrified opening.

1. Provide one each of the following tools as part of the base bid contract:
   a. McKinney (MK) - Electrical Connecting Kit: QC-R001.
   b. McKinney (MK) - Connector Hand Tool: QC-R003.
2. Manufacturers:
   a. Hager Companies (HA) - Quick Connect.
   b. McKinney (MK) - QC-C Series.

2.04 DOOR OPERATING TRIM

A. Flush Bolts and Surface Bolts: ANSI/BHMA A156.3 and A156.16, Grade 1, certified.

1. Flush bolts to be furnished with top rod of sufficient length to allow bolt retraction device location approximately six feet from the floor.
2. Furnish dust proof strikes for bottom bolts.

3. Surface bolts to be minimum 8” in length and U.L. listed for labeled fire doors and U.L. listed for windstorm components where applicable.
4. Provide related accessories (mounting brackets, strikes, coordinators, etc.) as required for appropriate installation and operation.
5. Manufacturers:
   a. Burns Manufacturing (BU).
   b. Door Controls International (DC).
   c. Rockwood (RO).

B. Door Push Plates and Pulls: ANSI/BHMA A156.6 certified door pushes and pulls of type and design specified in the Hardware Sets. Coordinate and provide proper width and height as required where conflicting hardware dictates.

1. Push/Pull Plates: Minimum .050 inch thick, size as indicated in hardware sets, with beveled edges, secured with exposed screws unless otherwise indicated.
2. Door Pull and Push Bar Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door unless otherwise indicated.
3. Offset Pull Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door and offset of 90 degrees unless otherwise indicated.
4. Fasteners: Provide manufacturer's designated fastener type as indicated in Hardware Sets.
5. Manufacturers:
   a. Burns Manufacturing (BU).
   b. Hiawatha, Inc. (HI).
   c. Rockwood (RO).

2.05 CYLINDERS AND KEYING

A. General: Cylinder manufacturer to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.

B. Source Limitations: Obtain each type of keyed cylinder and keys from the same source manufacturer as locksets and exit devices, unless otherwise indicated.

1. Manufacturers:
   a. Sargent Manufacturing (SA).
   b. Match Existing, Field Verify.

C. Cylinder Types: Original manufacturer cylinders able to supply the following cylinder formats and types:

1. Threaded mortise cylinders with rings and cams to suit hardware application.
2. Rim cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
3. Bored or cylindrical lock cylinders with tailpieces as required to suit locks.
4. Tubular deadlocks and other auxiliary locks.

5. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
6. Keyway: Match Facility Standard.

D. Keying System: Each type of lock and cylinders to be factory keyed.

1. Supplier shall conduct a "Keying Conference" to define and document keying system instructions and requirements.
2. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
3. Existing System: Field verify and key cylinders to match Owner's existing system.

E. Key Quantity: Provide the following minimum number of keys:

1. Change Keys per Cylinder: Two (2)
2. Master Keys (per Master Key Level/Group): Five (5).

F. Key Registration List (Bitting List):

1. Provide keying transcript list to Owner's representative in the proper format for importing into key control software.
2. Provide transcript list in writing or electronic file as directed by the Owner.

2.06 MECHANICAL LOCKS AND LATCHING DEVICES

A. Cylindrical Locksets, Grade 1 (Heavy Duty): ANSI/BHMA A156.2, Series 4000, Operational Grade 1 Certified Products Directory (CPD) listed.

1. Locks shall meet or exceed the requirements of ANSI/BHMA A156.2 Series 4000, Grade 1 with all standard trims, as follows:
   a. Cycle Test: ANSI/BHMA A156.2 Grade 1 requirements with no lever sag.
   b. Abusive Locked Lever Torque: Exceed 3,100 in-lb with no entry; lock to maintain egress functionality in compliance with BHMA certification requirements.
   c. Offset Lever Pull: Exceed 1,600 lbs with no entry (8 times ANSI/BHMA A156.2 requirements).
   d. Latch Retraction with Preload: Exceed 100 lb preload while maintaining ANSI/BHMA requirements for operation in warped doors (2 times ANSI/BHMA A156.2 requirements).
2. Vertical Impact: Exceed 100 vertical impacts (20 times ANSI/BHMA A156.2 requirements).
3. Furnish with solid cast levers, standard 2 3/4” backset, and 1/2" (3/4" at rated paired openings) throw brass or stainless steel latchbolt.
4. Locks are to be non-handed and fully field reversible.
5. Manufacturers:
   a. Sargent Manufacturing (SA) - 10X Line.
   b. No Substitution.

2.07 LOCK AND LATCH STRIKES

A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:

1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.
4. Double-lipped strikes: For locks at double acting doors. Furnish with retractable stop for rescue hardware applications.

B. Standards: Comply with the following:

1. Strikes for Mortise Locks and Latches: BHMA A156.13.
2. Strikes for Bored Locks and Latches: BHMA A156.2.
3. Strikes for Auxiliary Deadlocks: BHMA A156.36.
4. Dustproof Strikes: BHMA A156.16.

2.08 ELECTROMAGNETIC LOCKING DEVICES

A. Surface Electromagnetic Locks (Heavy Duty): Electromagnetic locks to be surface mounted type tested to ANSI A156.23, Grade 2 with minimum holding force strength of 1,200 pounds. Locks to be capable of accepting between 12 to 24 volts direct current and be UL listed for use on fire rated door assemblies. Electromagnetic coils are to consume no more than 1.5W during normal operation. Locks are to have an integrated door position switch, tamper switch, and lock bond sensor. Locks are to have integrated motion sensor and/or security camera as indicated in the hardware sets. Locks to be capable of detecting door prop conditions and entering low power mode. Provide mounting accessories as needed to suit opening conditions. Power supply to be by the same manufacturer as the lock with combined products having a lifetime replacement warranty.

1. Manufacturers:
   a. Securitron (SU) - M680E Series.

2.09 ELECTRIC STRIKES

A. Standard Electric Strikes: Electric strikes tested to ANSI/BHMA A156.31, Grade 1, for use on non-rated or fire rated openings. Strikes shall be of stainless steel construction tested to a minimum of 1500 pounds of static strength and 70 foot-pounds of dynamic strength with a minimum endurance of 1 million operating cycles. Provide strikes with 12 or 24 VDC capability, fail-secure unless otherwise specified. Where specified provide latchbolt and latchbolt strike monitoring indicating both the position of the latchbolt and locked condition of the strike.

1. Manufacturers:

a. HES (HS) - 1006 Series.
b. HES (HS) - 1500/1600 Series.

B. Provide electric strikes with in-line power controller and surge suppressor by the same manufacturer as the strike with the combined products having a five year warranty.

2.10 CONVENTIONAL EXIT DEVICES

A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:

1. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.
2. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer’s catalog and template book for specific requirements.
3. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.
4. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is required in any case where the door light extends behind the device as in a full glass configuration.
5. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty escutcheon trim with threaded studs for thru-bolts.
   a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets.
   b. Where function of exit device requires a cylinder, provide a cylinder (Rim or Mortise) as specified in Hardware Sets.
6. Vertical Rod Exit Devices: Where surface or concealed vertical rod exit devices are used at interior openings, provide as less bottom rod (LBR) unless otherwise indicated. Provide dust proof strikes where thermal pins are required to project into the floor.
7. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2” wide stiles.
8. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.
9. Rail Sizing: Provide exit device rails factory sized for proper door width application.
10. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.

B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed panic and fire exit hardware

devices furnished in the functions specified in the Hardware Sets. Exit device latch to be stainless steel, pullman type, with deadlock feature.

1. Manufacturers:
   a. Corbin Russwin Hardware (RU) - ED4000 / ED5000 Series.
   b. Sargent Manufacturing (SA) – 80 Series.

2.11 ELECTROMECHANICAL EXIT DEVICES

A. Electromechanical Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed panic and fire exit hardware devices subject to same compliance standards and requirements as mechanical exit devices. Electrified exit devices to be of type and design as specified below and in the hardware sets.

1. Energy Efficient Design: Provide devices which have a holding current draw of 15mA maximum, and can operate on either 12 or 24 volts. Locks are to be field configurable for fail safe or fail secure operation.
2. Where conventional power supplies are not sufficient, include any specific controllers required to provide the proper inrush current.
3. Motorized Electric Latch Retraction: Devices with an electric latch retraction feature must use motors which have a maximum current draw of 600mA. Solenoid driven latch retraction is not acceptable.
4. Manufacturers:
   a. Corbin Russwin Hardware (RU) - ED5000 Series.
   b. Sargent Manufacturing (SA) - 80 Series.
   c. Yale (YA) - 7000 Series.

2.12 DOOR CLOSERS

A. All door closers specified herein shall meet or exceed the following criteria:

1. General: Door closers to be from one manufacturer, matching in design and style, with the same type door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers.
2. Standards: Closers to comply with UL-10C for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.
3. Size of Units: Comply with manufacturer's written recommendations for sizing of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Where closers are indicated for doors required to be accessible to the Americans with Disabilities Act, provide units complying with ANSI ICC/A117.1.
4. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.
5. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics.
6. Closer Accessories: Provide door closer accessories including custom templates, special mounting brackets, spacers and drop plates as required for proper installation. Provide through-bolt and security type fasteners as specified in the hardware sets.

B. Door Closers, Surface Mounted (Commercial Duty): ANSI/BHMA 156.4, Grade 1 Certified Products Directory (CPD) listed surface mounted, institutional grade door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron or aluminum alloy body construction, with adjustable backcheck, closing sweep, and latch speed control valves. Provide non-handed units standard.

1. Manufacturers:
   a. Corbin Russwin Hardware (RU) – DC6000 Series.
   b. Norton Rixson (NO) - 8500 Series.
   c. Sargent Manufacturing (SA) - 1431 Series.
   d. Yale Commercial (YA) – 3500 Series.

2.13 ELECTROHYDRAULIC DOOR OPERATORS

A. General: Provide low energy operators of size recommended by manufacturer for door size, weight, and movement; for condition of exposure; and for compliance with UL 325. Coordinate operator mechanisms with door operation, hinges, and activation devices.

1. Fire-Rated Doors: Provide door operators for fire-rated door assemblies that comply with NFPA 80 for fire-rated door components and are listed and labeled by a qualified testing agency.

B. Standard: Certified ANSI/BHMA A156.19.

C. Performance Requirements:

1. Opening Force if Power Fails: Not more than 15 lbf required to release a latch if provided, not more than 30 lbf required to manually set door in motion, and not more than 15 lbf required to fully open door.
2. Entrapment Protection: Not more than 15 lbf required to prevent stopped door from closing or opening.

D. Configuration: Surface mounted or in-ground as required. Door operators to control single swinging and pair of swinging doors.

E. Operation: Power opening and spring closing operation capable of meeting ANSI A117.1 accessibility guideline. Provide time delay for door to remain open before initiating closing cycle as required by ANSI/BHMA A156.19. When not in automatic mode, door operator to function as manual door closer with fully adjustable opening and closing forces, with or without electrical power.

F. Features: Operator units to have full feature adjustments for door opening and closing force and speed, backcheck, motor assist acceleration from 0 to 30 seconds, time delay, vestibule interface delay, obstruction recycle, and hold open time from 0 up to 30 seconds.

G. Provide outputs and relays on board the operator to allow for coordination of exit device latch retraction, electric strikes, magnetic locks, card readers, safety and motion sensors and specified auxiliary contacts.

H. Brackets and Reinforcements: Manufacturer's standard, fabricated from aluminum with nonferrous shims for aligning system components.

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

1. LCN Closers (LC) - 4640 Series.
2. Norton Rixson (NO) - 6000 Series
3. Stanley Security Solutions (ST) – D-4990.

2.14 SURFACE MOUNTED CLOSER HOLDERS

A. Electromagnetic Door Holders: Certified ANSI A156.15 electromagnetic door holder/releases with a minimum 20 to 40 pounds holding power and single coil construction able to accommodate.12VDC, 24VAC, 24VDC and 120VAC. Coils to be independently wound, employing an integral fuse and armatures to include a positive release button.

1. Manufacturers:
   a. Rixson (RF) - 980/990 Series.
   b. Sargent Manufacturing (SA) - 1560 Series.

2.15 ARCHITECTURAL TRIM

A. Door Protective Trim

1. General: Door protective trim units to be of type and design as specified below or in the Hardware Sets.
2. Size: Fabricate protection plates (kick, armor, or mop) not more than 2" less than door width (LDW) on stop side of single doors and 1” LDW on stop side of pairs of doors, and not more than 1" less than door width on pull side. Coordinate and provide proper width and height as required where conflicting hardware dictates. Height to be as specified in the Hardware Sets.
3. Where plates are applied to fire rated doors with the top of the plate more than 16” above the bottom of the door, provide plates complying with NFPA 80. Consult manufacturer’s catalog and template book for specific requirements for size and applications.
4. Protection Plates: ANSI/BHMA A156.6 certified protection plates (kick, armor, or mop), fabricated from the following:
   a. Stainless Steel: 300 grade, 050-inch thick.
5. Options and fasteners: Provide manufacturer's designated fastener type as specified in the Hardware Sets. Provide countersunk screw holes.
6. Manufacturers:
   a. Burns Manufacturing (BU).
   b. Hager Companies (HA).
   c. Hiawatha, Inc. (HI).
   d. Rockwood (RO).

2.16 DOOR STOPS AND HOLDERS

A. General: Door stops and holders to be of type and design as specified below or in the Hardware Sets.

B. Door Stops and Bumpers: ANSI/BHMA A156.16, Grade 1 certified door stops and wall bumpers. Provide wall bumpers, either convex or concave types with anchorage as indicated, unless floor or other types of door stops are specified in Hardware Sets. Do not mount floor stops where they will impede traffic. Where floor or wall bumpers are not appropriate, provide overhead type stops and holders.

1. Manufacturers:
   a. Burns Manufacturing (BU).
   b. Hager Companies (HA).
   c. Hiawatha, Inc. (HI).
   d. Rockwood (RO).

C. Overhead Door Stops and Holders: ANSI/BHMA A156.8, Grade 1 Certified Products Directory (CPD) listed overhead stops and holders to be surface or concealed types as indicated in Hardware Sets. Track, slide, arm and jamb bracket to be constructed of extruded bronze and shock absorber spring of heavy tempered steel. Provide non-handed design with mounting brackets as required for proper operation and function.

1. Manufacturers:
   a. Norton Rixson (RF).
   b. Rockwood (RO).
   c. Sargent Manufacturing (SA).

2.17 ARCHITECTURAL SEALS

A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.

B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.

1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.

C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.

1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and NPFA 252, Standard Methods of Fire Tests of Door Assemblies.

D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated.

E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.

F. Manufacturers:

1. Pemko (PE).
2. Reese Enterprises, Inc. (RE).

2.18 ELECTRONIC ACCESSORIES

A. Push-Button Switches: Industrial grade momentary or alternate contact, back-lighted push buttons with stainless-steel switch enclosures. 12/24 VDC bi-color illumination suitable for either flush or surface mounting.

1. Manufacturers:
   a. Alarm controls (AK) – TS Series.
   b. Securitron (SU) – PB Series

B. Request-to-Exit Motion Sensor: Request-to-Exit Sensors motion detectors specifically designed for detecting exiting through a door from the secure area to a non-secure area. Include built-in timers (up to 60 second adjustable timing), door monitor with sounder alert, internal vertical pointability coverage, 12VDC or 24VDC power and selectable relay trigger with fail safe/fail secure modes.

1. Manufacturers:
   a. Alarm Controls (AK) - SREX Series.
   b. Securitron (SU) - XMS Series.

C. Door Position Switches: Door position magnetic reed contact switches specifically designed for use in commercial door applications. On recessed models the contact and magnetic housing snap-lock into a 1" diameter hole. Surface mounted models include wide gap distance design complete with armored flex cabling. Provide SPDT, N/O switches with optional Rare Earth Magnet installation on steel doors with flush top channels.

1. Manufacturers:
   a. Sargent Manufacturing (SA) - 3280 Series.
   b. Securitron (SU) - DPS Series.

D. Linear Power Supplies: Provide Nationally Recognized Testing Laboratory Listed 12VDC or 24VDC (field selectable) filtered and regulated power supplies. Include battery backup option with integral battery charging capability in addition to operating the DC load in event of line voltage failure. Provide the least number of units, at the appropriate amperage level, sufficient to exceed the required total draw plus 50% for the specified electrified hardware and access control equipment.

1. Provide the least number of units, at the appropriate amperage level, sufficient to exceed the required total draw for the specified electrified hardware and access control equipment.
2. Manufacturers:
   a. Alarm Controls (AK) - APS Series.
   b. Corbin Russwin Hardware (RU) - BPS Series.
   c. Sargent Manufacturing (SA) - 3500 Series.
   d. Securitron (SU) - BPS Series.

2.19 FABRICATION

A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

2.20 FINISHES

A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.

B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware

C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.

B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.02 PREPARATION

A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.

B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.03 INSTALLATION

A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.

1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.

B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:

1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.

C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."

E. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.04 FIELD QUALITY CONTROL

A. Field Inspection (Punch Report): Reference Division 01 Sections “Closeout Procedures” and “Cash Allowances”. Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.

1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.

3.05 ADJUSTING

A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.06 CLEANING AND PROTECTION

A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.

B. Clean adjacent surfaces soiled by door hardware installation.

C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

3.07 DEMONSTRATION

A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

3.08 DOOR HARDWARE SETS

A. The hardware sets represent the design intent and direction of the owner and architect. 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. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.

1. Quantities listed are for each pair of doors, or for each single door.
2. The supplier is responsible for handing and sizing all products.
3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.

B. Manufacturer’s Abbreviations:

1. MK - McKinney
2. PE - Pemko
3. SA - SARGENT
4. NO - Norton
5. HS - HES
6. RF - Rixson
7. RO - Rockwood
8. SU – Securitron

C. **Salvaged hardware to be reused in place of hardware scheduled below:**

1. (120) Hinge Sets of (3)
2. (50) Entry/Office Locks (cylindrical)
3. (4) Passage (cylindrical)
4. (19) Closer
5. (3) LH, (2) RH Automatic Opener
6. (16) Electric Strike / CR
7. (4) Video Doorbell

D. Patch existing walls and frames to remain where electric strikes / card readers and video doorbells have been removed.

Hardware Sets

Set: 1.0
Doors: 200, 301A, 301B
Description: Lobby, Hall

3	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK	
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA	
1	Automatic Opener	6021	689	NO	⚡
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO	
1	Wall Stop	409	US32D	RO	
3	Silencer	608		RO	
2	Door Switch	505		NO	⚡

Notes:
Access Control Components, including video doorbell, card reader, electric strike, motion sensor, position switch, SMART Pac Bridge Rectifier, wiring and system by Sandifer Engineering, this Contract.
Operation: Door is normally closed and locked. When a valid credential is presented to the wall mounted card reader the electric strike will release and you can push or pull the door open. When the door comes back closed the electric strike will relock. The XMS motion sensor will be used as the REX or request to exit switch. You can always turn the inside lever and exit the space.

Set: 2.0
Doors: 201A
Description: Reception (Rated)

3	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK	
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA	
1	Automatic Opener	6021	689	NO	⚡
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO	
1	Gasketing	S88D (Head & Jambs)		PE	
2	Door Switch	505		NO	⚡

Notes:
Access Control Components, including card reader, electric strike, lock override button,

motion sensor, position switch, SMART Pac Bridge Rectifier, wiring and system by Sandifer Engineering, this Contract.
Operation: Door is normally closed and locked on programmed schedule. When a valid credential is presented to the wall mounted card reader the electric strike will release and you can push or pull the door open. When the door comes back closed the electric strike will relock. The XMS motion sensor will be used as the REX or request to exit switch. You can always turn the inside lever and exit the space. The door will have a lock override button at the reception desk.

Set: 3.0
Doors: 201B, 225A
Description: Corridor (Rated)

3	Hinge, Full Mortise	T4A4786 or T4A3786 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surface Closer	1431 P10	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
3	Silencer	608		RO
1	Gasketing	S88D (Head & Jambs)		PE

Notes: Access Control Components, including card reader, electric strike, motion sensor, position switch, SMART Pac Bridge Rectifier, wiring and system by Sandifer Engineering, this Contract.
Operation: This door will normally be closed and locked. When a valid credential is presented to the wall mounted card reader the electric strike will release and you can push or pull the door open. When the door comes back closed the electric strike will relock. You can always turn the inside lever and exit the space.

Set: 4.0
Doors: 1105, 1106, 1107, 1108, 1109, 1110, 202, 208, 209, 214, 215, 216, 217, 218, 219, 220, 221, 222, 228, 229, 230, 231, 232, 233, 237, 238, 239, 240, 241, 243, 244, 249, 250, 251, 252, 253, 303, 305, 306, 308, 310, 311, 312, 313, 314, 315, 316, 317, 319, 322, 323, 324, 325, 327, 332A, 332B, 333, 334, 335, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 356, 360, 361, 362, 363, 364, 365, 710A, 712, 713A, 802, 804A, 805, 808, 809A, 811, 902, 905, 906A, 907
Description: Waiting, Invest, Office, Charging

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Wall Stop	409	US32D	RO
3	Silencer	608		RO

Set: 5.0
Doors: 203, 204, 247, 248, 337
Description: Quiet Zone, Interview, Coffee

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Passage Latch	10XU15 LL	US26D	SA
1	Wall Stop	409	US32D	RO
3	Silencer	608		RO

Set: 6.0
Doors: 205A
Description: Case Coord. (Dutch)

4	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Surface Bolt	630-4	US26D	RO
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Door Stop & Holder	494S	US26D	RO
1	Wall Stop	409	US32D	RO
4	Silencer	608		RO

Notes: Install 494S door stop and holder on upper leaf only.

Set: 7.0
Doors: 205B
Description: Hall (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Electromagnetic Holder	998M	689	RF
1	Gasketing	S88D (Head & Jambs)		PE

Set: 8.0
Doors: 205C
Description: Case Coord.

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Surface Closer	1431 CPS	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
3	Silencer	608		RO

Set: 9.0
Doors: 205D, 205E
Description: Storage

6	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
2	Flush Bolt	555	US26D	RO
1	Dust Proof Strike	570	US26D	RO
1	Classroom Lock	10XG37 LL GMK	US26D	SA
2	Surf Overhead Stop	9 Series	652	RF
2	Silencer	608		RO

Set: 10.0
Doors: 1104, 206, 226, 708, 806, 807, 903
Description: Interview, Record, Conference

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Classroom Lock	10XG37 LL GMK	US26D	SA	
1	Wall Stop	409	US32D	RO	
3	Silencer	608		RO	

Set: 11.0
Doors: 211A
Description: Hall (Rated)

3	Hinge, Full Mortise	T4A4786 or T4A3786 NRP 4-1/2" x 4-1/2"	US26D	MK	
1	Electric Power Transfer	EL-CEPT	630	SU	⚡
1	Rim Exit Device, Storeroom	12 55 56 8804 ETL GMK	US32D	SA	⚡
1	Automatic Opener	6021	689	NO	⚡
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO	
1	Wall Stop	409	US32D	RO	
1	Gasketing	S88D (Head & Jambs)		PE	
1	ElectroLynx Harness	QC-C1500P		MK	⚡
1	ElectroLynx Harness	QC-C Length Required		MK	⚡
2	Door Switch	505		NO	⚡
1	Power Supply	BPS-24-1		SU	⚡

Notes: Access Control Components, including card reader, position switch, wiring and system by Sandifer Engineering, this Contract.
Operation: This door will normally be closed and locked. When a valid credential is presented to the wall mounted card reader the latch on the exit device will retract and allow the door to be pulled open. When the door comes back closed the latch will extend and the door will be relocked. There will be a REX or request to exit switch built into the push bar of the exit device. You can always exit out of the space by pushing the push rail on the exit device and leaving. The power supply listed in this hardware set will be used to power the electric latch retract on the exit device.

Set: 12.0
Doors: 246A
Description: Hall

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surface Closer	1431 P10	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
3	Silencer	608		RO

Notes: Access Control Components, including card reader, electric strike, SMART Pac Bridge Rectifier, motion sensor, position switch, wiring and system by Sandifer Engineering, this Contract.
Operation: Door is normally closed and locked. When a valid credential is presented to the wall mounted card reader the electric strike will release and you can push or pull the door open. When the door comes back closed the electric strike will relock. The XMS motion sensor will be used as the REX or request to exit switch. You can always turn the inside

lever and exit the space.

Set: 13.0
Doors: 211C
Description: Media Conference (Rated)

3	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Rim Exit Device, Exit Only	LD 8810 EO	US32D	SA
1	Surface Closer	1431 P10	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 14.0
Doors: 213A
Description: Hall (Rated)

3	Hinge, Full Mortise	T4A4786 or T4A3786 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Electric Power Transfer	EL-CEPT	630	SU
1	Rim Exit Device, Storeroom	12 55 56 8804 ETL GMK	US32D	SA
1	Surface Closer	1431 P10	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE
1	ElectroLynx Harness	QC-C1500P		MK
1	ElectroLynx Harness	QC-C Length Required		MK
1	Power Supply	BPS-24-1		SU

Notes:
Access Control Components, including video doorbell, card reader, position switch, wiring and system by Sandifer Engineering, this Contract.
Operation: This door will normally be closed and locked. When a valid credential is presented to the wall mounted card reader the latch on the exit device will retract and allow the door to be pulled open. When the door comes back closed the latch will extend and the door will be relocked. There will be a REX or request to exit switch built into the push bar of the exit device. You can always exit out of the space by pushing the push rail on the exit device and leaving. The power supply listed in this hardware set will be used to power the electric latch retract on the exit device.

Set: 15.0
Doors: 1101, 211B, 223, 224A, 225, 245
Description: Discovery, Conference, Hall, Reception (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Notes:
Access Control Components, including card reader, video doorbell at 223 & 245, electric strike, motion sensor, position switch, SMART Pac Bridge Rectifier, wiring and system by Sandifer Engineering, this Contract.
Operation: Door is normally closed and locked. When a valid credential is presented to the wall mounted card reader the electric strike will release and you can push or pull the door open. When the door comes back closed the electric strike will relock. The XMS motion sensor will be used as the REX or request to exit switch. You can always turn the inside lever and exit the space.

Set: 15.1
Doors: 318A, 318B, 331A, 355A, 357
Description: Hall (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA	
1	Surface Closer	1431 O	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO	
1	Electromagnetic Holder	998M	689	RF	⚡
1	Gasketing	S88D (Head & Jambs)		PE	

Notes:
Access Control Components, including card reader, electric strike, motion sensor, position switch, SMART Pac Bridge Rectifier, wiring and system by Sandifer Engineering, this Contract.
Operation: Door is normally held open by electromagnetic holder but closed when released by fire alarm. When the door is closed, a valid credential is presented to the wall mounted card reader the electric strike will release and you can push or pull the door open. When the door comes back closed the electric strike will relock. The XMS motion sensor will be used as the REX or request to exit switch. You can always turn the inside lever and exit the space.

Set: 16.0
Doors: 224B, 227, 320
Description: Conference, Safe, Evidence

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Wall Stop	409	US32D	RO
3	Silencer	608		RO

Notes:
Access Control Components, including card reader (and keypad @ 227, 320), electric strike, motion sensor, position switch, SMART Pac Bridge Rectifier, wiring and system by Sandifer Engineering, this Contract.
Operation: Door is normally closed and locked. When a valid credential is presented to the wall mounted card reader the electric strike will release and you can push or pull the door open. When the door comes back closed the electric strike will relock. The XMS motion sensor will be used as the REX or request to exit switch. You can always turn the inside

lever and exit the space.

Set: 17.0
Doors: 246B, 246C
Description: Hall

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Passage Latch	10XU15 LL	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Electromagnetic Holder	998M	689	RF
3	Silencer	608		RO

Set: 18.0
Doors: 254
Description: Ramp (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Surface Closer	1431 P10	EN	SA
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 19.0
Doors: 255, 256, 353, 354
Description: Men, Women (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Privacy Lock	10XU65 LL	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 20.0
Doors: 302
Description: IT

3	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surf Overhead Stop	9 Series	652	RF
3	Silencer	608		RO

Set: 21.0
Doors: 321, 803, 810, 908
Description: Toilet

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Privacy Lock	10XU65 LL	US26D	SA
1	Surf Overhead Stop	9 Series	652	RF
1	Gasketing	S773D (Head & Jambs)		PE

Set: 22.0

Doors: 329, 705
Description: Office, Conference (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 22.1
Doors: 328
Description: Office (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Electromagnetic Holder	998M	689	RF
1	Gasketing	S88D (Head & Jambs)		PE

Set: 23.0
Doors: ~~331A~~, 331B, ~~357~~
Description: Hall (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surface Closer	1431 P10	EN	SA
1	Electromagnetic Holder	998M	689	RF
1	Gasketing	S88D (Head & Jambs)		PE

Set: 24.0
Doors: ~~355A~~, 355B
Description: Records (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Electromagnetic Holder	998M	689	RF
1	Gasketing	S88D (Head & Jambs)		PE

Set: 25.0
Doors: 701A, 701B
Description: Courtroom (Rated)

3	Hinge, Full Mortise	T4A4786 or T4A3786 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Rim Exit Device, Classroom	12 8813 ETL GMK	US32D	SA
1	Surface Closer	1431 P10	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
1	Gasketing	S773D (Head & Jambs)		PE

Set: 26.0
Doors: 701C
Description: Courtroom (Rated), (Sound)

3	Hinge, Full Mortise	T4A4786 or T4A3786 4-1/2" x 4-1/2"		US26D
	MK			
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Wall Stop	409	US32D	RO

Notes: Threshold, Jamb, Head and door bottom seals furnished by Sound Door Supplier

Set: 27.0
Doors: 702, 911A
Description: Jury (Rated), (Sound)

3	Hinge, Full Mortise	T4A4786 or T4A3786 4-1/2" x 4-1/2"		US26D
	MK			
1	Classroom Lock	10XG37 LL GMK	US26D	SA
1	Surface Closer	1431 P10	EN	SA
1	Wall Stop	409	US32D	RO

Notes: Threshold, Jamb, Head and door bottom seals furnished by Sound Door Supplier

Set: 28.0
Doors: 1102, 1103, 703, 704, 709, 714, 814, 815, 818, 819, 820, 912, 913
Description: Toilet

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Privacy Lock	10XU65 LL	US26D	SA
1	Wall Stop	409	US32D	RO
1	Gasketing	S773D (Head & Jambs)		PE

Set: 29.0
Doors: 707
Description: Coffee (Rated)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Classroom Lock	10XG37 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 30.0
Doors: 710B, 804B, 809B, 906B
Description: Aide

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Privacy Lock	10XU65 LL	US26D	SA

1	Wall Stop	409	US32D	RO
3	Silencer	608		RO

Set: 31.0
Doors: 711
Description: Storage

6	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK
2	Flush Bolt	555	US26D	RO
1	Dust Proof Strike	570	US26D	RO
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
2	Surf Overhead Stop	9 Series	652	RF
2	Silencer	608		RO

Set: 32.0
Doors: 1111, 712A, 821, 904
Description: Vault, IT

3	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Wall Stop	409	US32D	RO
3	Silencer	608		RO

Set: 33.0
Doors: 713B
Description: Judge (Rated), (Sound)

3	Hinge, Full Mortise	T4A4786 or T4A3786 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Surface Closer	1431 P10	EN	SA
1	Wall Stop	409	US32D	RO

Notes: Threshold, Jamb, Head and door bottom seals furnished by Sound Door Supplier

Set: 34.0
Doors: 713C, 909
Description: Closet

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Classroom Lock	10XG37 LL GMK	US26D	SA
1	Surf Overhead Stop	9 Series	652	RF
3	Silencer	608		RO

Set: 35.0
Doors: 801, 901
Description: Hall (Rated)

3	Hinge, Full Mortise	T4A4786 or T4A3786 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Rim Exit Device, Classroom	12 8813 ETL GMK	US32D	SA
1	Surface Closer	1431 CPS	EN	SA

1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 36.0
Doors: 812A, 816A, 910A
Description: Courtroom (Rated)

3	Hinge, Full Mortise	T4A4786 or T4A3786 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Rim Exit Device, Classroom	12 8813 ETL GMK	US32D	SA
1	Surface Closer	1431 P10	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 37.0
Doors: 812B, 816B, 910B
Description: Hall (Rated), (Sound)

3	Hinge, Full Mortise	T4A4786 or T4A3786 4-1/2" x 4-1/2"	US26D	MK
1	Rim Exit Device, Passage	12 8815 ETL	US32D	SA
1	Surface Closer	1431 CPS	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO

Notes: Threshold, Jamb, Head and door bottom seals furnished by Sound Door Supplier

Set: 38.0
Doors: 812C, 910C
Description: Judge (Rated), (Sound)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Entry/Office Lock	10XG05 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Notes: Threshold, Jamb, Head and door bottom seals furnished by Sound Door Supplier

Set: 39.0
Doors: 813, 817
Description: Jury (Rated), (Sound)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Classroom Lock	10XG37 LL GMK	US26D	SA
1	Surface Closer	1431 CPS	EN	SA
1	Gasketing	S88D (Head & Jambs)		PE

Notes: Threshold, Jamb, Head and door bottom seals furnished by Sound Door Supplier

Set: 40.0
Doors: 822

Description: IT (Rated)

3	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 41.0
Doors: 914
Description: IT Closet (Rated)

3	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Surface Closer	1431 P10	EN	SA
1	Kick Plate	K1050 10" x 2" LDW CSK BEV	US32D	RO
1	Wall Stop	409	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE

Set: 42.0
Doors: 212, 802A
Description: Storage, Judge (Rated)

6	Hinge, Full Mortise	TA2714 NRP 4-1/2" x 4-1/2"	US26D	MK
1	Dust Proof Strike	570	US26D	RO
1	Set Auto Flush Bolts	2842 or 2942 as required	US26D	RO
1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA
1	Coordinator	2600 x opening width	Black	RO
2	Mounting Bracket	2601	Black	RO
2	Surface Closer	1431 CPS	EN	SA
2	Kick Plate	K1050 10" x 1" LDW CSK BEV	US32D	RO
1	Gasketing	S88D (Head & Jambs)		PE
2	Astragal	18041CNB x Door Height		PE

Set: 43.0
Doors: 911B
Description: Jury (Sound)

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK
1	Classroom Lock	10XG37 LL GMK	US26D	SA
1	Surface Closer	1431 O	EN	SA
1	Wall Stop	409	US32D	RO

Notes: Threshold, Jamb, Head and door bottom seals furnished by Sound Door Supplier

Set: 44.0
Doors: OH300
Description: Office

Notes: All hardware furnished by Coiling Door Supplier.

Set: 45.0
Doors: E220, E228
Description: Hall (Rated)

1	Electromagnetic Holder	998M	689	RF

Notes: Balance of hardware is existing and will remain.

~~**Set: 46.0**~~
~~Doors: E225A, E225B,~~
~~Description: Corridor~~

~~Notes: Access Control Components, including card reader, magnetic locks, push button, wiring and system by Sandifer Engineering, this Contract.~~
~~Balance of hardware is existing and will remain.~~

Set: 47.0
Doors: E257, E352A, E352C, E352D, E366
Description: Stairs

1	Storeroom/Closet Lock	10XG04 LL GMK	US26D	SA

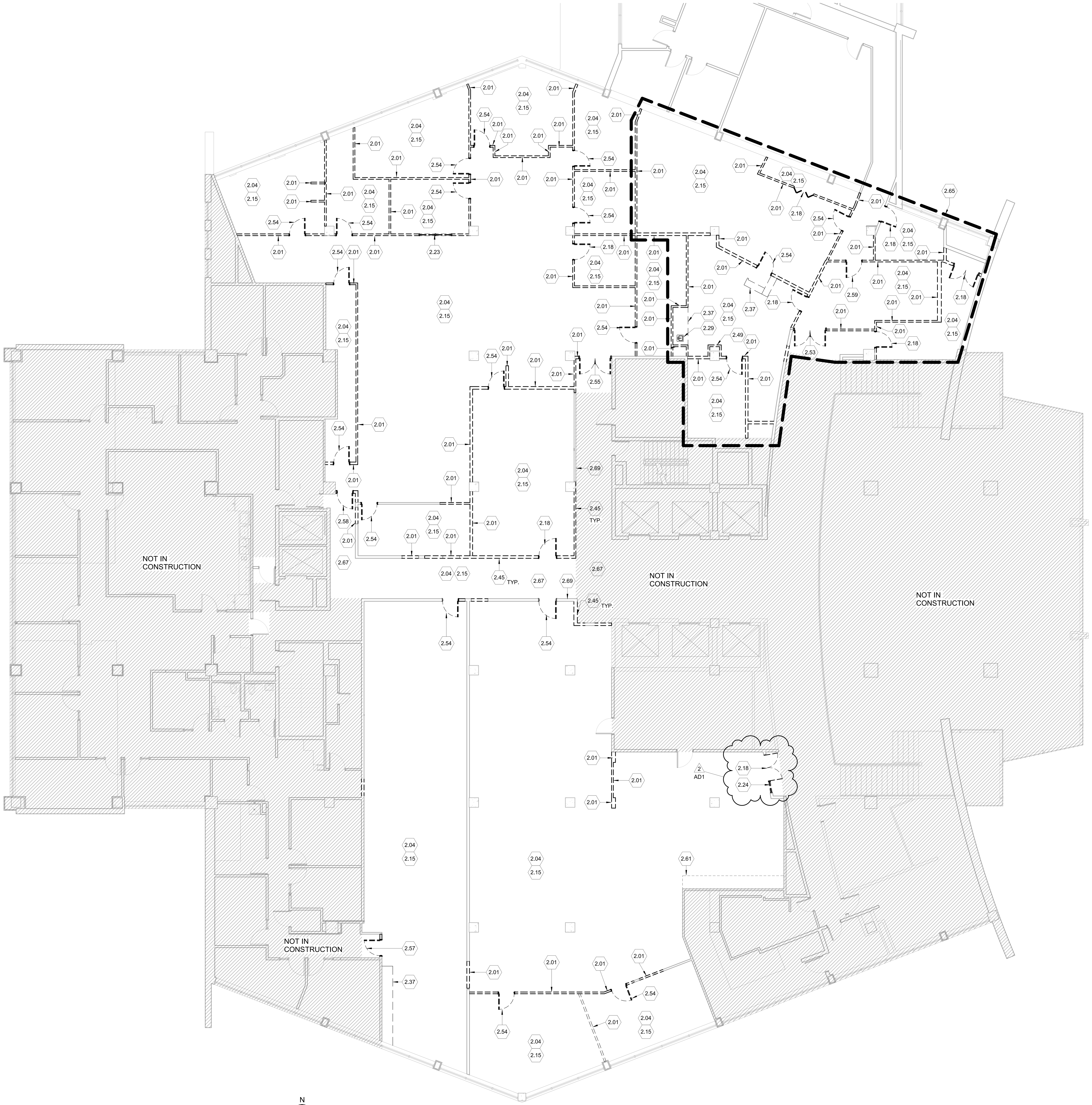
Notes: Access Control Components, including card reader, electric strike, motion sensor, position switch, SMART Pac Bridge Rectifier, wiring and system by Sandifer Engineering, this Contract.
Balance of hardware is existing and will remain.

Set: 48.0
Doors: E352B
Description: Hall

1	Electromagnetic Holder	998M	689	RF

Notes: Balance of hardware is existing and will remain.

END OF SECTION 087100



1 2ND FLOOR - DEMO PLAN
1/8" = 1'-0"
0' 4' 8' 16'
N

GENERAL NOTES

- G.C. SHALL VERIFY ALL EXISTING SITE AND BUILDING CONDITIONS PRIOR TO BID.
- REF. 'ALTERATIONS' AND 'CUTTING AND PATCHING' IN 01 70 00 OF THE SPEC.
- THIS SHEET IS INTENDED FOR GENERAL INFORMATION. G.C. SHALL BE RESPONSIBLE FOR REMOVING EQUIPMENT AND DEVICES, CUT AND PATCH WORK, ETC.; NECESSARY FOR NEW AND REMODEL CONSTRUCTION. COORDINATE WORK ON DEMO SHEETS WITH WORK ON FLOOR PLAN SHEETS. REF. MECH. AND ELEC. FOR DEMO. AND CUT AND PATCH WORK REQUIRED BY MECH. AND ELEC. WORK.
- DASHED LINES REPRESENT ITEMS FOR REMOVAL OR RELOCATION - REF. KEYED NOTES
- OWNER SHALL HAVE FIRST SALVAGE RIGHTS ON ALL ITEMS REMOVED FROM BLDG. G.C. SHALL VERIFY ALL ITEMS TO BE SALVAGED WITH OWNER AND COORDINATE WITH OWNER AS REQUIRED. ITEMS TO BE SALVAGED ARE TO BE REMOVED TO A LOCATION ON SITE AS DESIGNATED BY OWNER. ITEMS NOT SALVAGED SHALL BE REMOVED AND DISPOSED BY CONTRACTOR. SUCH ITEMS SHALL INCLUDE BUT ARE NOT LIMITED TO: FURNITURE, CABINETS, DEVICES, EQUIPMENT, PLUMBING, MECHANICAL ETC..
- CONTRACTOR SHALL CUT AND PATCH FLOORS, WALLS, CEILINGS, AND ROOFS AS REQUIRED FOR PLACEMENT OF NEW PIPING, CONDUITS, DEVICES, STRUCTURE, ETC. REF. ALL PLANS FOR LOCATIONS.
- G.C. SHALL PROTECT ALL STRUCTURAL ELEMENTS IN BUILDINGS TO REMAIN.
- G.C. SHALL VERIFY ALL NEW OPENINGS FOR PIPING, DUCTS, AND CONDUIT WITH THE EXISTING STRUCTURAL SYSTEM OF THE BUILDING. DO NOT CUT THROUGH CONCRETE FLOOR/ROOF BEAMS, CONCRETE FLOOR/ROOF JOISTS, CONCRETE COLUMNS, STEEL COLUMNS, OR STEEL ROOF JOISTS UNLESS NOTED ON THE PLANS.
- G.C. SHALL PROTECT ALL EXIST. BUILDING COMPONENTS AND FINISHES TO REMAIN. G.C. SHALL REPAIR DAMAGE TO EXIST. BUILDING COMPONENTS AND FINISHES TO REMAIN.
- CONTRACTOR SHALL PATCH, REPAIR AND PAINT ALL SURFACES RESULTING FROM DEMOLITION WORK. ALL PATCHES ARE TO MATCH ADJACENT FINISHES AS CLOSELY AS POSSIBLE. WALL OR FLOOR SURFACES WHERE MILLWORK, ELECTRICAL DEVICES OR MECHANICAL EQUIPMENT IS REMOVED SHALL BE PATCHED AND PAINTED.
- CONTRACTOR SHALL REMOVE ALL EXISTING SWITCHES, OUTLETS, FIRE ALARM DEVICES, INTERCOM DEVICES, SPEAKERS, HOLD-OPENS, POWER STRIPS ETC... WHICH ARE NOT RECONNECTED. PROVIDE MATCHING COVER PLATES OVER J-BOXES WHICH ARE NO LONGER BEING USED. REMOVE ALL EXPOSED CONDUIT/WIRE MOLD WHICH IS NO LONGER BEING USED - PATCH AND PAINT WALL.
- CONTRACTOR SHALL REMOVE ALL MECH./PLUMBING EQUIPMENT AND PIPING WHICH IS NOT RECONNECTED. SUCH ITEMS SHALL INCLUDE BUT NOT LIMITED TO: VENTS, RADIATORS, VENTILATORS, WATER AND STEAM SUPPLY AND RETURN LINES, SEWER LINES, GAS LINES, INSULATION, ESCUTCHEONS, ELECTRICAL CONNECTIONS, AND ASSOCIATED CONSTRUCTION EXPOSED TO VIEW. CAP LINES AS REQUIRED.
- REFER TO MECHANICAL AND ELECTRICAL DEMOLITION SHEETS FOR ADDITIONAL INFORMATION ON MECHANICAL AND ELECTRICAL DEMOLITION WORK.
- FLOORING TO BE REMOVED SHALL BE REMOVED TO CONCRETE (OR EXIST. SUB-FLOOR STRUCTURE). ALL GLUE, GROUT, AND RESIDUE SHALL BE REMOVED TO PROVIDE A CLEAN BARE SURFACE.
- G.C. SHALL SALVAGE AND STOCKPILE BUILDING PRODUCTS FROM DEMOLITION TO BE USED FOR PATCHWORK. SUCH ITEMS SHALL INCLUDE BUT ARE NOT LIMITED TO WALL STONE, DOORS, CEILING TILE, LIGHT FIXTURES, MECHANICAL DIFFUSERS, SPECIAL EQUIPMENT, ETC. - REF. SPECIFICATIONS.
- ALL SALVAGEABLE 2X2 CEILING TILE SHALL BE SALVAGED AND STOCKPILED FOR RE-INSTALLATION REGARDLESS OF WHETHER IT HAS BEEN CALLED OUT BY KEYED NOTE OR NOT. REF. REFLECTED CEILING PLAN FOR LOCATIONS SALVAGED TILE TO BE RE-INSTALLED AT.
- ALL TACKBOARDS, PROJECTION SCREENS, ETC. ARE TO BE REMOVED FROM AREAS BEING REMODELED IF THEY CONFLICT WITH THE WORK WHETHER NOTED ON PLANS OR NOT. WALL SURFACES BEHIND BOARDS ARE TO HAVE GLUE REMOVED AND PATCHED AS REQUIRED TO MATCH ADJACENT SURFACES WHERE LEFT EXPOSED. G.C. SHALL VERIFY ITEMS TO BE SALVAGED.
- ALL TOILET ACCESSORIES SHALL BE REMOVED FROM RESTROOMS TO BE DEMOLISHED. G.C. SHALL VERIFY ITEMS TO BE SALVAGED.
- IN ROOMS WHERE NEW ACOUSTICAL CEILINGS ARE INSTALLED ABOVE ACOUSTICAL CEILINGS WHICH ARE REMOVED, PATCH WALL WHERE ACOUSTICAL CEILING IS REMOVED.
- SALVAGE ALL DOOR HARDWARE NOT NOTED FOR RE-INSTALLATION AND HAND OVER TO OWNER FOR ATTIC STOCK.
- REMOVE ALL EXISTING WINDOW BLINDS, SALVAGE FOR RE-INSTALLATION.
- CAREFULLY REMOVE AND SALVAGE ALL WALL STONE, REMOVE ALL MASTIC AND PREP FOR RE-INSTALLATION. GIVE ALL UNUSED STONE TO OWNER FOR ATTIC STOCK.

KEYED NOTES

2.01	EXISTING WALL TO BE REMOVED IN ITS ENTIRETY. PATCH FLOOR AND PATCH AND PAINT ADJACENT WALLS AS REQUIRED TO MATCH ADJACENT SURFACES WHERE LEFT EXPOSED. REMOVE ALL ELECTRICAL DEVICES AND REMOVE WIRING BACK TO ITS SOURCE. SALVAGE WALL STONE WHERE OCCURS.
2.04	EXISTING FLOORING IN ROOM TO BE REMOVED TO SURFACE OF CONCRETE; INCLUDING MASTIC AND RESILIENT BASE. PREP SURFACE FOR NEW FLOORING AS REQUIRED.
2.15	EXISTING CEILING TO BE REMOVED IN ITS ENTIRETY; INCLUDING SUB-FRAMING, ALL MECHANICAL DIFFUSERS/GRILLES AND ELECTRICAL LIGHTING FIXTURES & DEVICES. TERMINATE ALL MECHANICAL CONNECTIONS WHICH WILL NOT BE REACTIVATED. REMOVE WIRING BACK TO ITS SOURCE.
2.18	EXISTING DOOR AND FRAME TO BE REMOVED IN ITS ENTIRETY. PATCH FLOOR AND PATCH AND PAINT ADJACENT WALLS AS REQUIRED TO MATCH ADJACENT SURFACES WHERE LEFT EXPOSED. SALVAGE HARDWARE FOR OWNER.
2.23	EXISTING WINDOW TO BE REMOVED IN ITS ENTIRETY. PATCH AND PAINT AS REQUIRED TO MATCH ADJACENT FINISH.
2.24	EXISTING WINDOW TO BE REMOVED IN ITS ENTIRETY. PREP. OPENING FOR NEW 5/8" GYP. BD. ON 3 5/8" METAL STUD WALL @ 16" O.C. INFILL. PATCH AND PAINT AS REQUIRED TO MATCH ADJACENT FINISH.
2.29	EXISTING PLUMBING FIXTURE TO BE REMOVED IN ITS ENTIRETY. TERMINATE SEWER PIPE BELOW FLOOR SLAB AS REQUIRED AND PATCH FLOOR SLAB. TERMINATE WATER LINES BACK TO NEAREST MAIN. PATCH & PAINT WALL AS REQUIRED.
2.37	EXISTING MILLWORK/CASEWORK TO BE REMOVED IN ITS ENTIRETY.
2.45	EXISTING WALL STONE TO BE CAREFULLY REMOVED AND SALVAGED. REMOVE ALL MASTIC AND PREP FOR RE-INSTALLATION.
2.49	EXISTING COLUMN WRAP TO BE REMOVED IN ITS ENTIRETY DOWN TO CONCRETE/PLASTER COLUMN. PATCH FLOOR AND PATCH AND PAINT ADJACENT WALLS AS REQUIRED TO MATCH ADJACENT SURFACES WHERE LEFT EXPOSED. REMOVE ALL ELECTRICAL DEVICES AND REMOVE WIRING BACK TO ITS SOURCE.
2.53	EXISTING DOOR AND FRAME TO BE REMOVED IN ITS ENTIRETY. PREP. OPENING FOR NEW 5/8" GYP. BD. ON 3 5/8" METAL STUD @ 16" O.C. WALL INFILL. PATCH AND PAINT AS REQUIRED TO MATCH ADJACENT FINISH. SALVAGE ADA OPERATOR FOR RE-INSTALLATION.
2.54	EXISTING DOOR AND FRAME TO BE REMOVED IN ITS ENTIRETY. PATCH AND PAINT AS REQUIRED TO MATCH ADJACENT FINISH. SALVAGE DOOR HARDWARE FOR RE-INSTALLATION.
2.55	EXISTING DOOR AND FRAME TO BE REMOVED IN ITS ENTIRETY. PREP. OPENING FOR NEW 5/8" GYP. BD. ON 3 5/8" METAL STUD @ 16" O.C. WALL INFILL WHERE OCCURS. PATCH AND PAINT AS REQUIRED TO MATCH ADJACENT FINISH. SALVAGE DOOR AND DOOR HARDWARE FOR RE-INSTALLATION.
2.57	EXISTING DOOR TO BE REMOVED IN ITS ENTIRETY. FRAME TO REMAIN IN PLACE. PREP. FRAME FOR NEW DOOR AND HARDWARE. PATCH AND PAINT AS REQUIRED.
2.58	EXISTING DOOR AND FRAME TO BE REMOVED IN ITS ENTIRETY. PREP. OPENING FOR NEW 5/8" GYP. BD. ON 3 5/8" METAL STUD @ 16" O.C. WALL INFILL. PATCH AND PAINT AS REQUIRED TO MATCH ADJACENT FINISH. SALVAGE DOOR HARDWARE FOR RE-INSTALLATION, DO NOT RE-INSTALL CLOSER.
2.59	EXISTING DOOR AND FRAME TO BE REMOVED IN ITS ENTIRETY. PREP. OPENING FOR NEW 5/8" GYP. BD. ON 3 5/8" METAL STUD @ 16" O.C. WALL INFILL. PATCH AND PAINT AS REQUIRED TO MATCH ADJACENT FINISH. SALVAGE DOOR HARDWARE AND ADA OPERATOR FOR RE-INSTALLATION.
2.61	EXISTING SOFFIT TO BE REMOVED IN ITS ENTIRETY; INCLUDING ALL MECHANICAL DIFFUSERS/GRILLES AND ELECTRICAL LIGHTING FIXTURES & DEVICES. TERMINATE ALL MECHANICAL CONNECTIONS WHICH WILL NOT BE REACTIVATED. REMOVE WIRING BACK TO ITS SOURCE.
2.65	EXISTING 2ND FLOOR DISTRICT ATTORNEY AREA TO BE PHASE 2.
2.67	EXISTING PORCELAIN TILE TO REMAIN, PROTECT AS REQUIRED TO PRESERVE.
2.69	EXISTING WALL TO BE PRESERVED AND PROTECTED DURING DEMOLITION. SEAL ALL PENETRATIONS WITH FIRE CAULK AS REQUIRED.

SJCFarchitecture
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[illegible]
4991 KANSAS ARCHITECT
7/6/2022

MIDWEST ENGINEERING, INC.
MECHANICAL ENGINEERS
INTEGRATED CONSULTING ENGINEERS
ELECTRICAL ENGINEERS

Sedgwick County Courthouse
SG CO COURTHOUSE UPPER FLRS REMODEL
525 N. Main, Wichita, KS, 67203

REVISIONS
2 08/19/2022 AD1

PROJECT NUMBER
5278.37

DATE
6/17/2022

DEMOLITION PLAN - 2ND FLOOR

A21.1

1 2ND FLOOR - FLOOR PLAN
1/8" = 1'-0"

0' 4' 8' 16'

N

GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING BUILDING CONDITIONS PRIOR TO BIDDING
- REFERENCE SHEET G10.1 FOR GRAPHIC SYMBOL AND DRAWING SYMBOL DEFINITIONS.
- HATCHED WALL WITH DARK (BLACK) PERIMETER LINES INDICATE NEW WALLS. EXISTING WALLS SHOWN WITH SCREENED (GRAY) LINES WITH NO FILL.
- SEE ENLARGED PLANS FOR ALL ACCESSORY LOCATIONS THAT REQUIRE IN-WALL BLOCKING FOR ATTACHMENT.
- SEE ALL MILLWORK DETAILS FOR ALL CASEWORK GOODS THAT REQUIRE IN-WALL BLOCKING FOR ATTACHMENT.
- ABBREVIATIONS:

CJ	CONTROL JOINT - REF. DETAIL
FEC	FIRE EXTINGUISHER AND CABINET - REF. SPEC.
FE	FIRE EXTINGUISHER AND BRACKET - REF. SPEC.
MB	MARKER BOARD
TB	TACKBOARD
TS	TACKSTRIP
PS	PROJECTION SCREEN - REF. SPEC.
IDB	INTERACTIVE DISPLAY BOARD - REF. SPEC. AND ELECTRICAL
RS	ROLLER SHADES - REF. SPEC.
BL	WINDOW BLINDS - REF. SPEC.
WS	WINDOW SHADES - REF. SPEC.
DS	DOWNSPOUT LOCATION
RD	ROOF DRAIN - REF. MECHANICAL
OD	OVERFLOW ROOF DRAIN - REF. MECHANICAL
NIC	NOT IN CONTRACT, ITEM PROVIDED AND INSTALLED BY OWNER
VIF	VERIFY IN FIELD ACTUAL CONDITIONS

KEYED NOTES

2.65	EXISTING 2ND FLOOR DISTRICT ATTORNEY AREA TO BE PHASE 2.
2.69	EXISTING WALL TO BE PRESERVED AND PROTECTED DURING DEMOLITION. SEAL ALL PENETRATIONS WITH FIRE CAULK AS REQUIRED.
4.10	EXISTING WALL STONE SALVAGED DURING DEMO TO BE RE-INSTALLED ON NEW WALL OR NEW PORTION OF WALL.
2 6.25	1/2" PLYWOOD ON BACK WALL FOR MOUNTING EQUIPMENT, PAINT TO MATCH ADJACENT WALL FINISH.
9.04	IMPACT RESISTANT TYPE 'X' GYPSUM BOARD IN PUBLIC CORRIDORS AND LOBBIES - REF. SPEC.
9.05	EXTEND EXISTING GYPSUM BOARD TO DECK THIS SIDE OF WALL AND ADD (2) LAYERS 5/8" GYPSUM BOARD THIS SIDE OF WALL TO DECK.

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DATE
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FLOOR PLAN - 2ND FLOOR

A22.1

1 2ND FLOOR - DIMENSION PLAN 0' 4' 8' 16' N

1/8" = 1'-0"

GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING SITE AND BUILDING CONDITIONS PRIOR TO BIDDING.
- DIMENSIONS:
  - EXTERIOR
    - SLAB EDGE, UNLESS NOTED OTHERWISE
    - ROUGH OPENING EDGES, UNLESS NOTED OTHERWISE
  - INTERIOR
    - TO FACE OF CMU OR CONCRETE, UNLESS NOTED OTHERWISE
    - TO FACE OF METAL STUD, UNLESS NOTED OTHERWISE
    - ROUGH OPENING EDGES, UNLESS NOTED OTHERWISE
    - TO CENTER OF STEEL COLUMN, UNLESS NOTED OTHERWISE
    - DOOR ROUGH OPENING LOCATIONS ARE 4" CLEAR FROM ADJACENT PERPENDICULAR WALL UNLESS DIMENSIONED.

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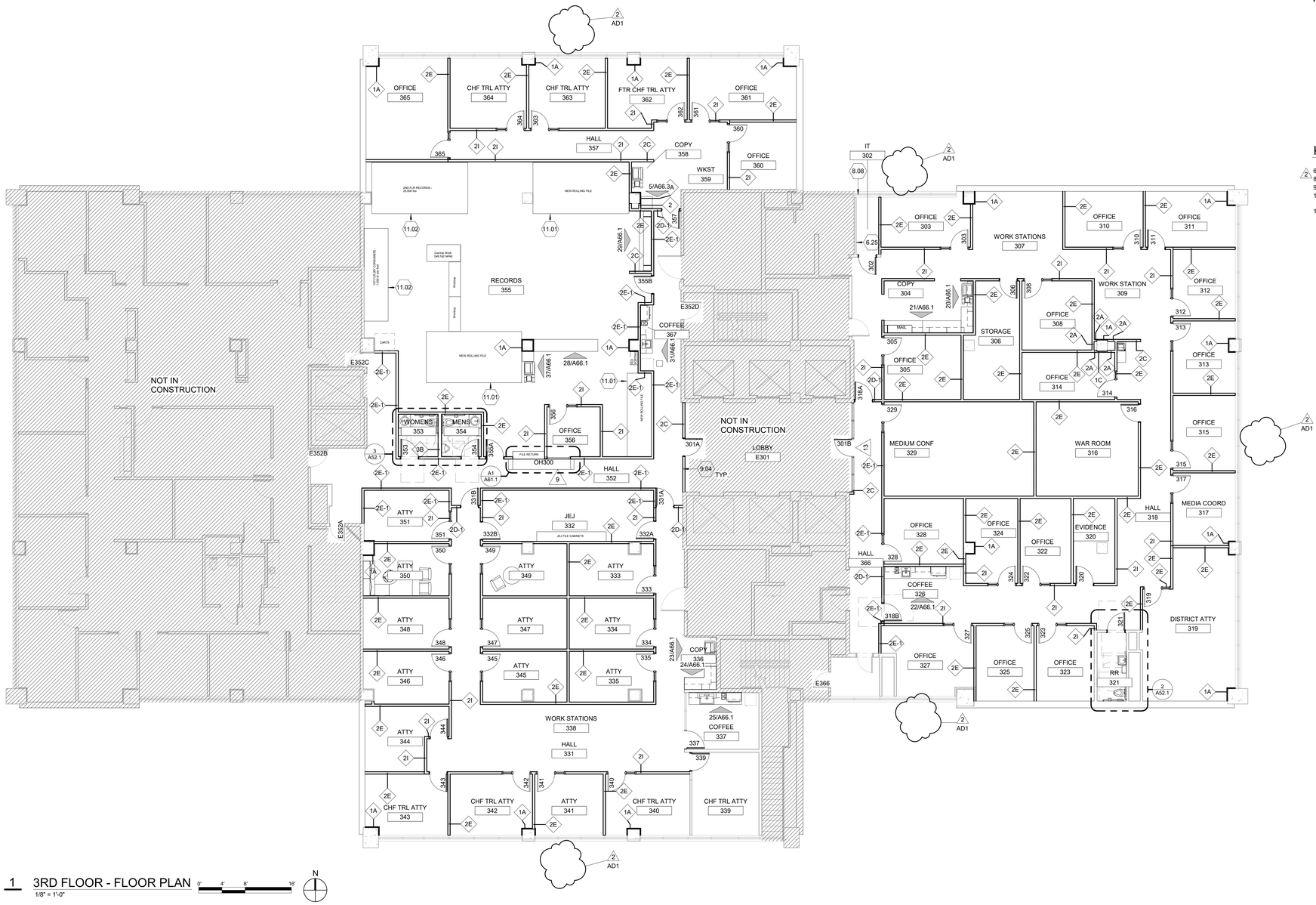
6/17/2022
DIMENSION PLAN - 2ND FLOOR

A22.1D



GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING BUILDING CONDITIONS PRIOR TO BIDDING
- REFERENCE SHEET G10.1 FOR GRAPHIC SYMBOL AND DRAWING SYMBOL DEFINITIONS.
- HATCHED WALL WITH DARK (BLACK) PERIMETER LINES INDICATE NEW WALLS. EXISTING WALLS SHOWN WITH SCREENED (GRAY) LINES WITH NO FILL.
- SEE ENLARGED PLANS FOR ALL ACCESSORY LOCATIONS THAT REQUIRE IN-WALL BLOCKING FOR ATTACHMENT.
- SEE ALL MILLWORK DETAILS FOR ALL CASEWORK GOODS THAT REQUIRE IN-WALL BLOCKING FOR ATTACHMENT.
- ABBREVIATIONS:

CJ	CONTROL JOINT - REF. DETAIL
FEC	FIRE EXTINGUISHER AND CABINET - REF. SPEC.
FE	FIRE EXTINGUISHER AND BRACKET - REF. SPEC.
MB	MARKER BOARD
TB	TACKBOARD
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RS	ROLLER SHADES - REF. SPEC.
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DS	DOWNSPOUT LOCATION
RD	ROOF DRAIN - REF. MECHANICAL
OD	OVERFLOW ROOF DRAIN - REF. MECHANICAL
NIC	NOT IN CONTRACT, ITEM PROVIDED AND INSTALLED BY OWNER
VIF	VERIFY IN FIELD ACTUAL CONDITIONS

KEYED NOTES

2	6.25	1/2" PLYWOOD ON BACK WALL FOR MOUNTING EQUIPMENT, PAINT TO MATCH ADJACENT WALL FINISH.
	8.08	EXISTING WINDOW GLAZING TO RECIEVE NEW PLASTIC FILM - REF. SPEC.
	9.04	IMPACT RESISTANT TYPE 'X' GYPSUM BOARD IN PUBLIC CORRIDORS AND LOBBIES - REF. SPEC.
	11.01	ROLLING FILE CABINET - PROVIDED AND INSTALLED BY OWNER. SUBFLOOR BY CONTRACTOR, REF. DETAIL ON A69.1.
	11.02	EXISTING ROLLING FILE CABINET TO BE RELOCATED TO NEW LOCATION - INSTALLED BY OWNER. SUBFLOOR BY CONTRACTOR, REF. DETAIL ON A69.1.

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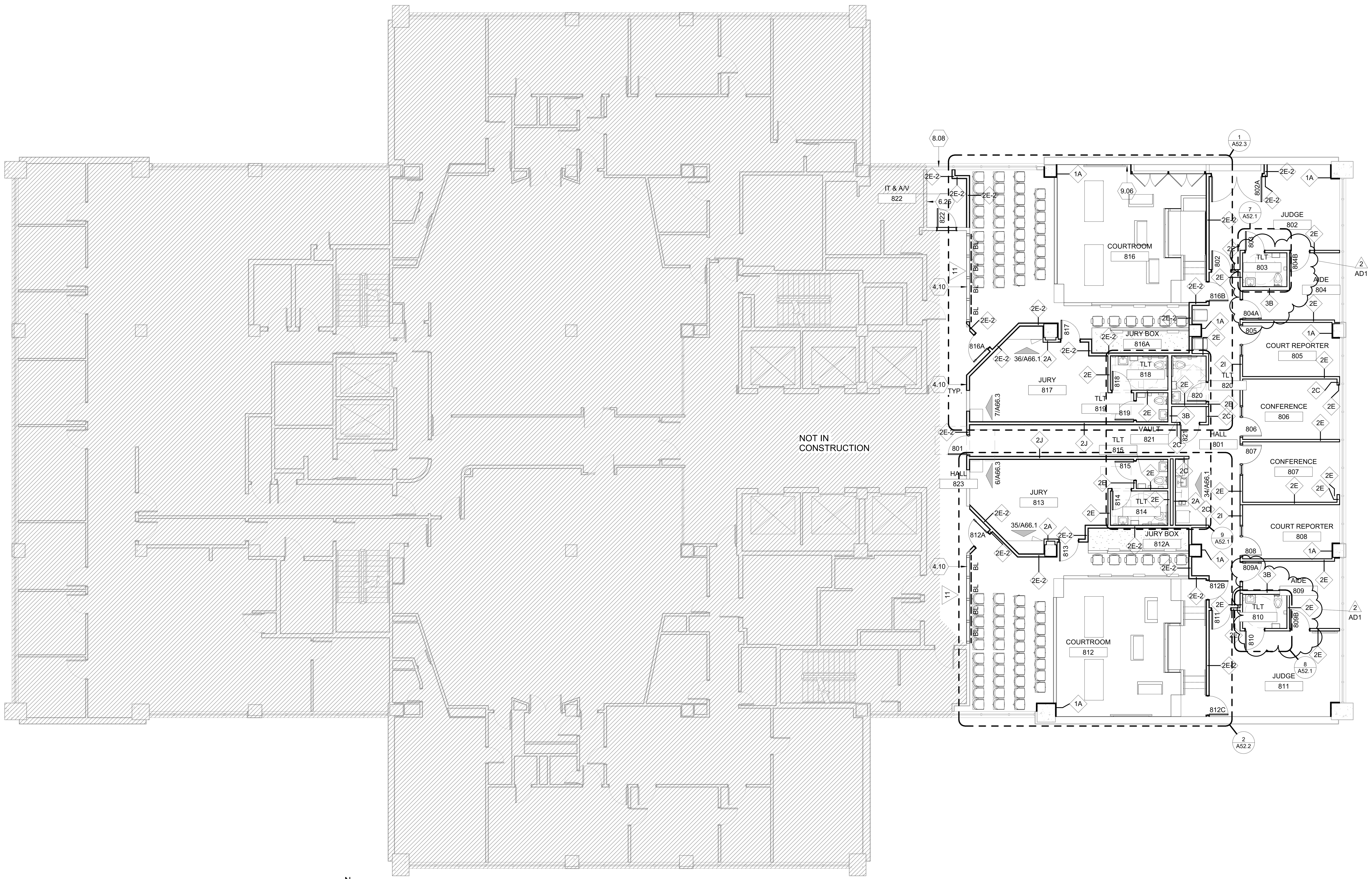
FLOOR PLAN - 3RD FLOOR

A22.2



1 8TH FLOOR - FLOOR PLAN
1/8" = 1'-0"
0' 4' 8' 16'
N

GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING BUILDING CONDITIONS PRIOR TO BIDDING
- REFERENCE SHEET G10.1 FOR GRAPHIC SYMBOL AND DRAWING SYMBOL DEFINITIONS.
- HATCHED WALL WITH DARK (BLACK) PERIMETER LINES INDICATE NEW WALLS. EXISTING WALLS SHOWN WITH SCREENED (GRAY) LINES WITH NO FILL.
- SEE ENLARGED PLANS FOR ALL ACCESSORY LOCATIONS THAT REQUIRE IN-WALL BLOCKING FOR ATTACHMENT.
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RD	ROOF DRAIN - REF. MECHANICAL
OD	OVERFLOW ROOF DRAIN - REF. MECHANICAL
NIC	NOT IN CONTRACT, ITEM PROVIDED AND INSTALLED BY OWNER
VIF	VERIFY IN FIELD ACTUAL CONDITIONS

KEYED NOTES

4.10	EXISTING WALL STONE SALVAGED DURING DEMO TO BE RE-INSTALLED ON NEW WALL OR NEW PORTION OF WALL.
6.25	1/2" PLYWOOD ON BACK WALL FOR MOUNTING EQUIPMENT, PAINT TO MATCH ADJACENT WALL FINISH.
8.08	EXISTING WINDOW GLAZING TO RECIEVE NEW PLASTIC FILM - REF. SPEC.
9.06	ADHERE (1) LAYER OF 5/8" GYPSUM BOARD OVER EXISTING PLASTER WALL.

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FLOOR PLAN - 8TH FLOOR

A22.4

GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING SITE AND BUILDING CONDITIONS PRIOR TO BIDDING.
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    - TO FACE OF METAL STUD, UNLESS NOTED OTHERWISE
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    - TO CENTER OF STEEL COLUMN, UNLESS NOTED OTHERWISE
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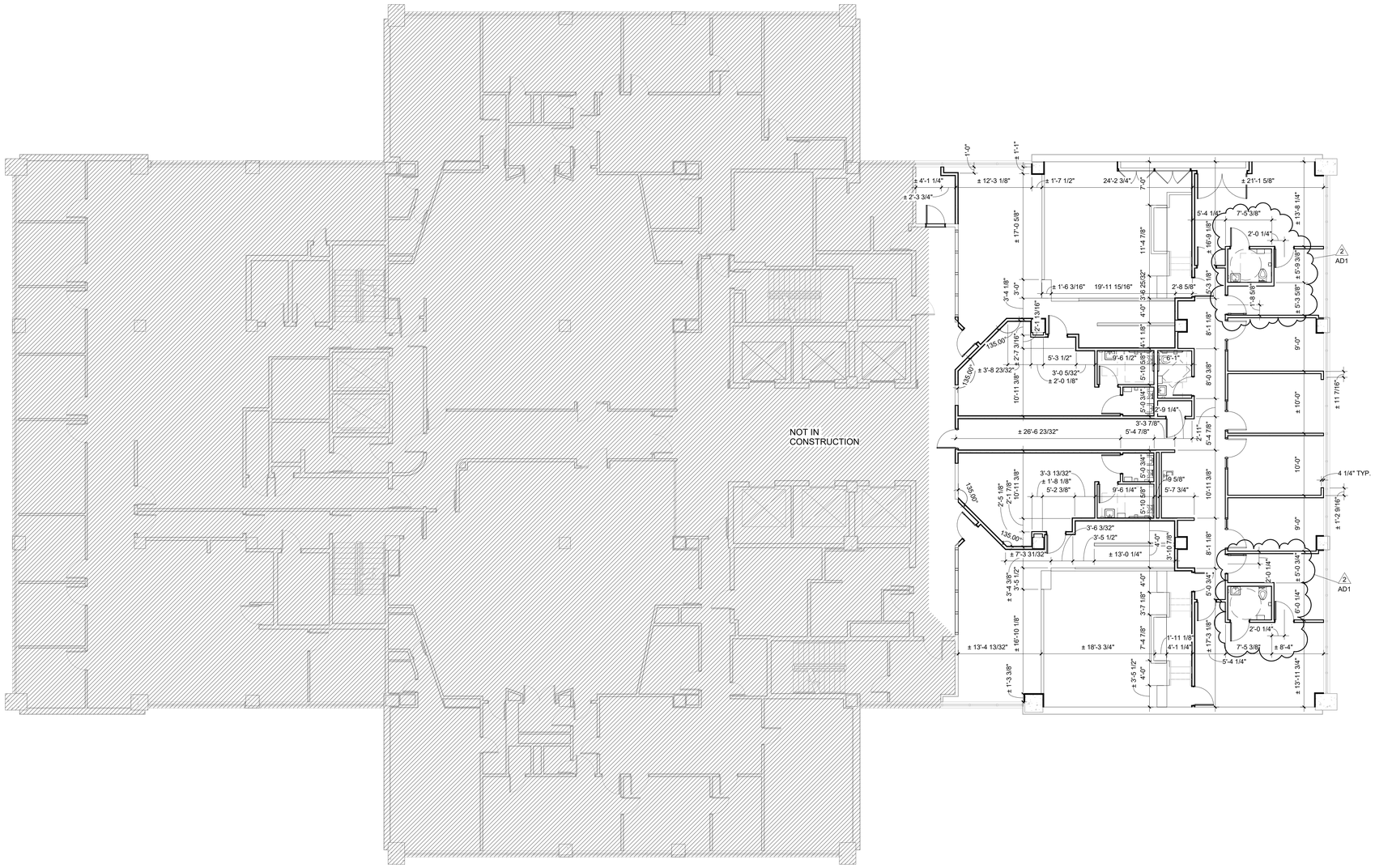

1 8TH FLOOR - DIMENSION PLAN
1/8" = 1'-0"

0' 4' 8' 16'

N

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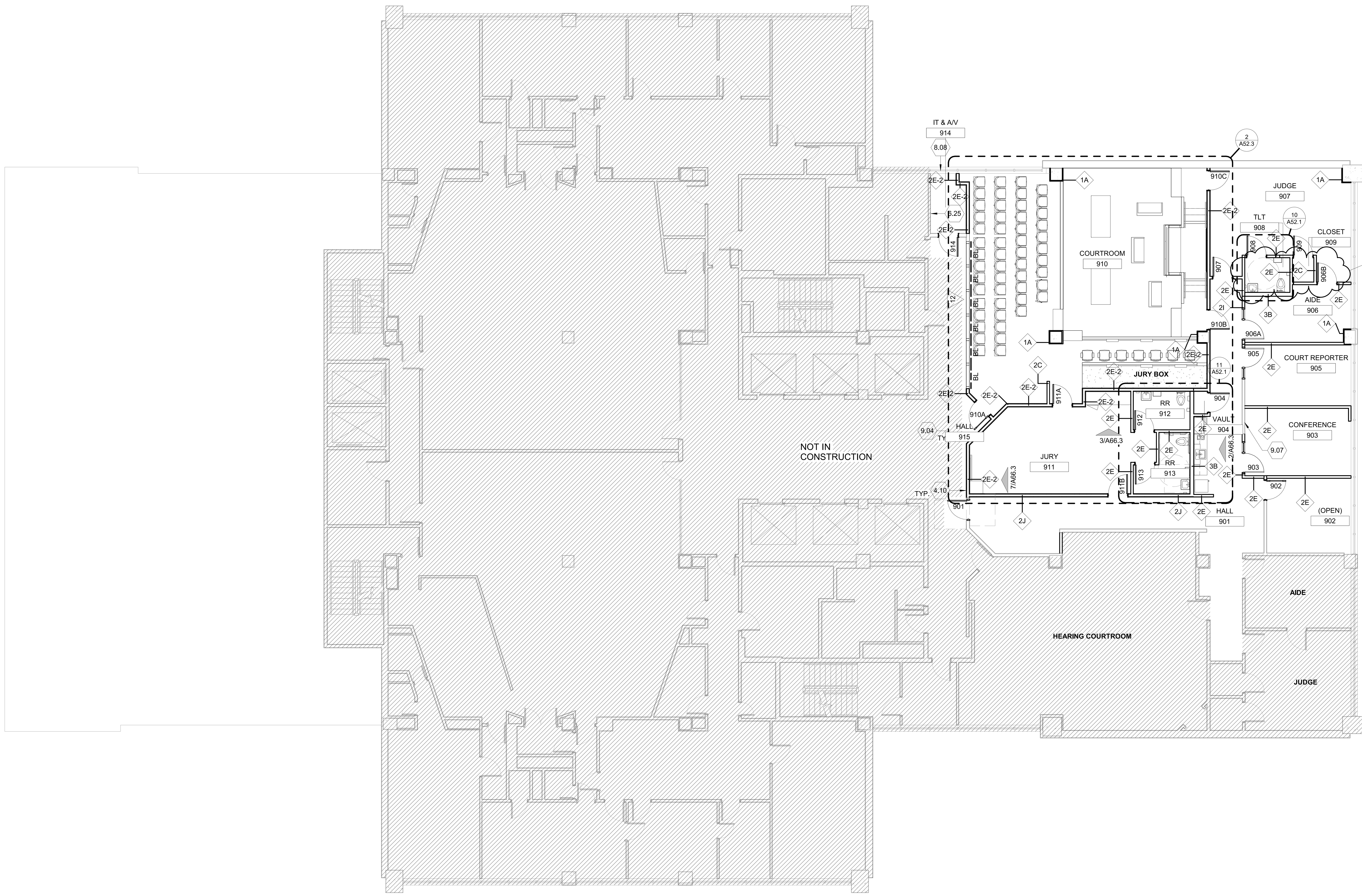
DIMENSION PLAN - 8TH FLOOR

A22.4D



1 9TH FLOOR - FLOOR PLAN
1/8" = 1'-0"

0' 4' 8' 16'

N

GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING BUILDING CONDITIONS PRIOR TO BIDDING
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KEYED NOTES

4.10	EXISTING WALL STONE SALVAGED DURING DEMO TO BE RE-INSTALLED ON NEW WALL OR NEW PORTION OF WALL.
6.25	1/2" PLYWOOD ON BACK WALL FOR MOUNTING EQUIPMENT, PAINT TO MATCH ADJACENT WALL FINISH.
8.08	EXISTING WINDOW GLAZING TO RECIEVE NEW PLASTIC FILM - REF. SPEC.
9.04	IMPACT RESISTANT TYPE 'X' GYPSUM BOARD IN PUBLIC CORRIDORS AND LOBBIES - REF. SPEC.
9.07	EXTEND EXISTING WALL TO DECK WITH (1) LAYER 5/8" GYPSUM BOARD BOTH SIDES.

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FLOOR PLAN - 9TH FLOOR

A22.5

GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING SITE AND BUILDING CONDITIONS PRIOR TO BIDDING.
- DIMENSIONS:
  - EXTERIOR
    - SLAB EDGE, UNLESS NOTED OTHERWISE
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    - TO FACE OF CMU OR CONCRETE, UNLESS NOTED OTHERWISE
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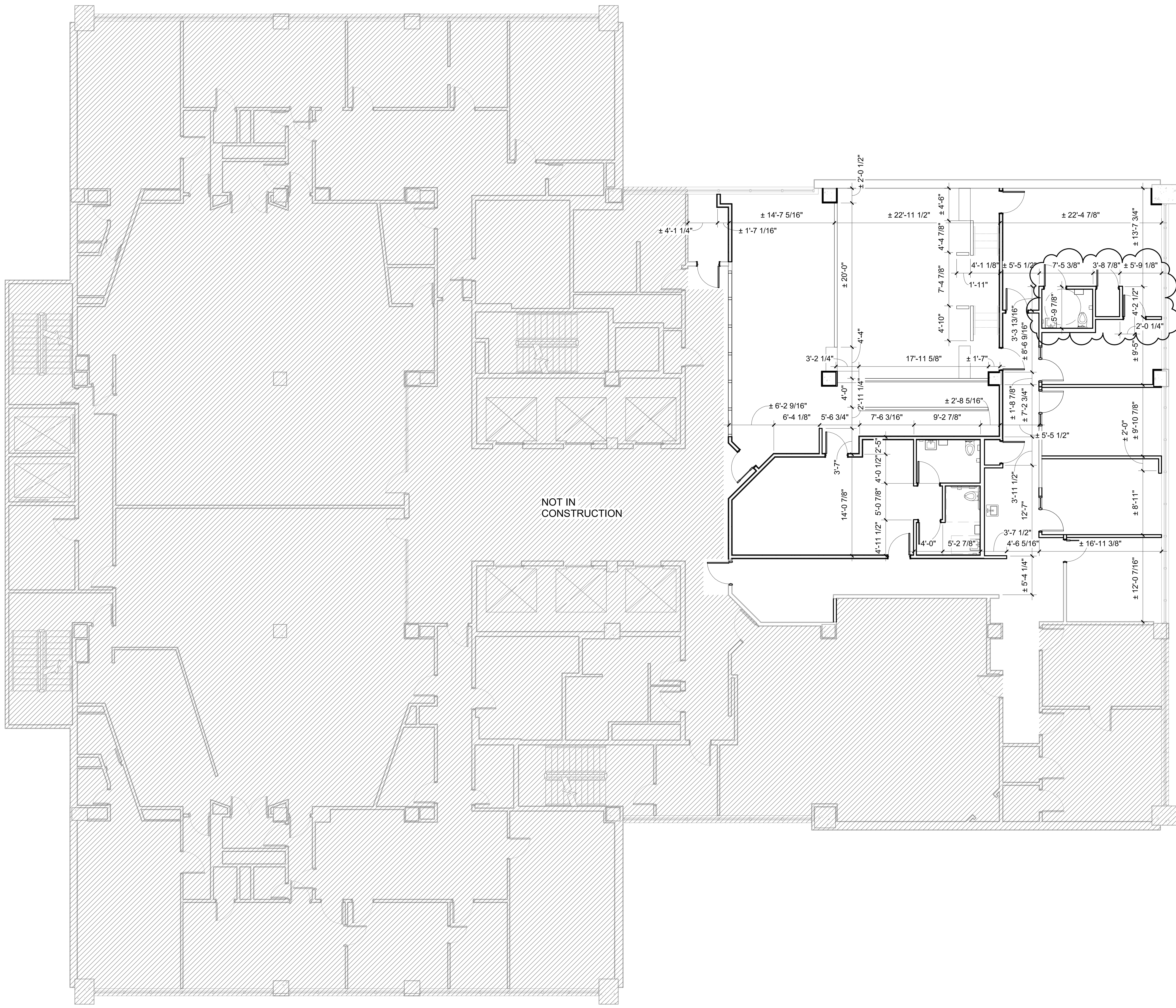

1 9TH FLOOR - DIMENSION PLAN
1/8" = 1'-0"

0' 4' 8' 16'

N

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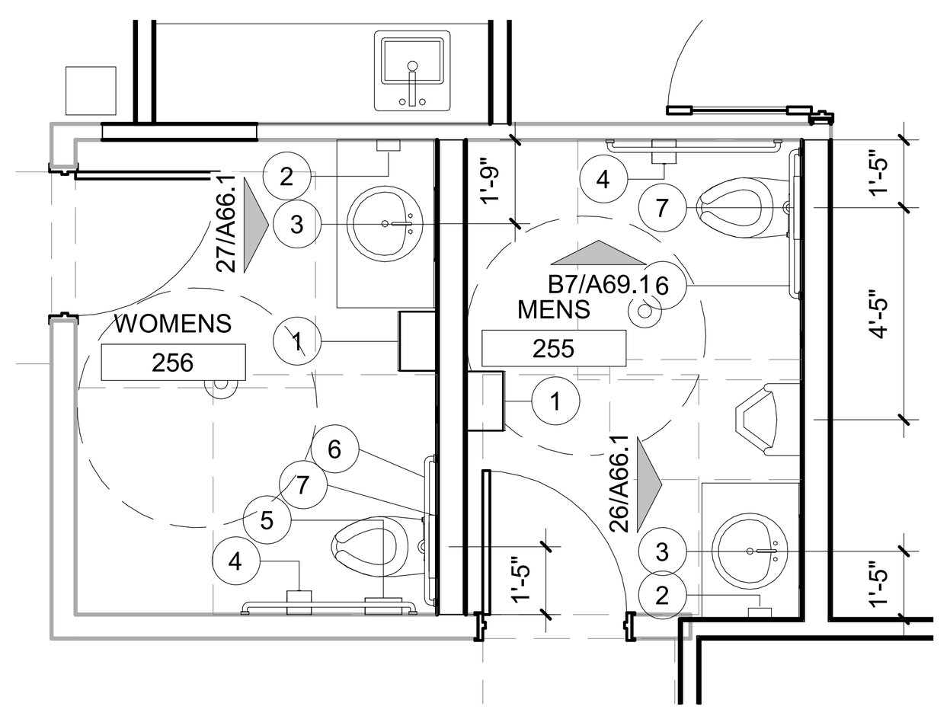
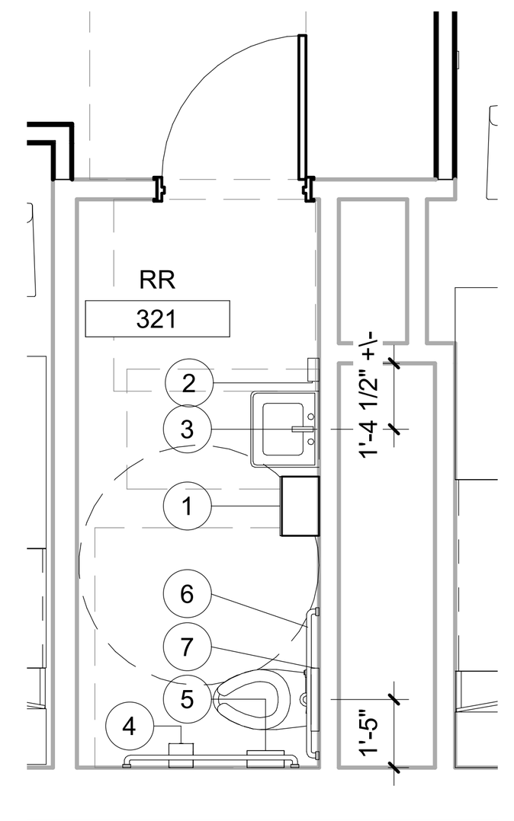
DIMENSION PLAN - 9TH FLOOR

A22.5D



1 ENLARGED RESTROOM
1/4" = 1'-0"
0' 2' 4' 8'
SCALE: 1/4" = 1'-0"



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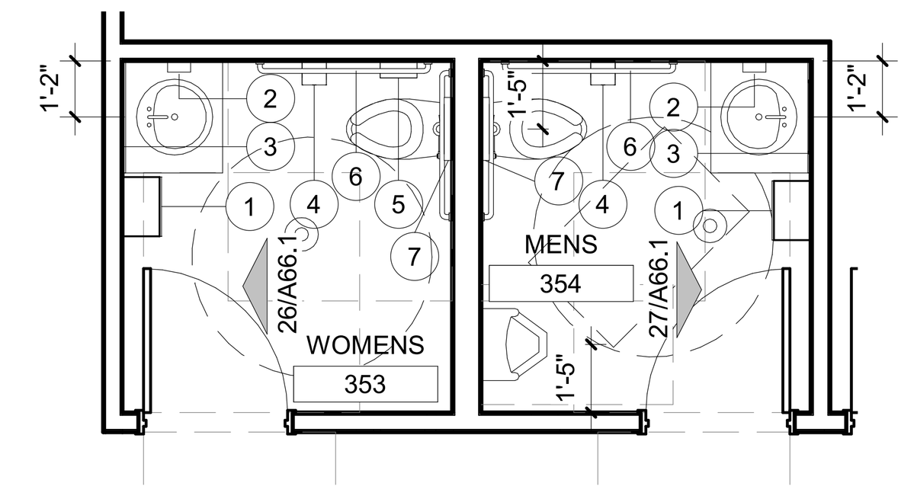
1/4" = 1'-0"



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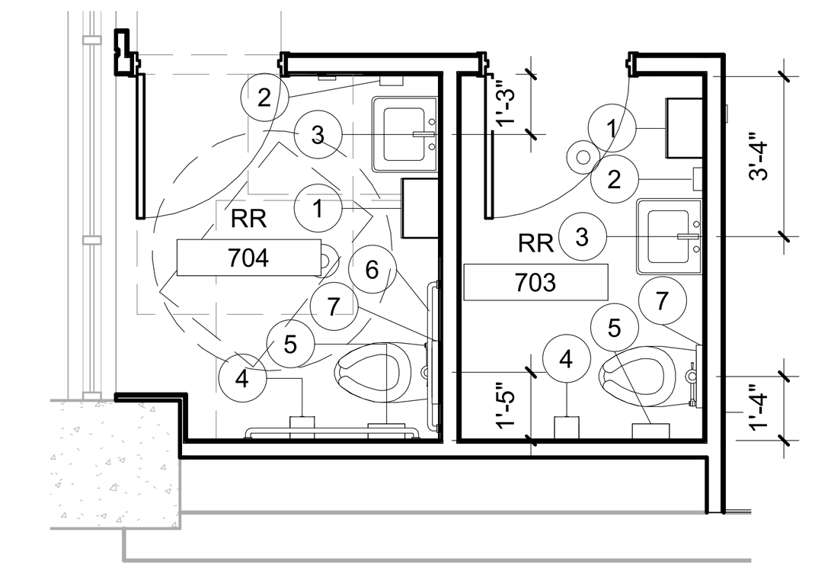

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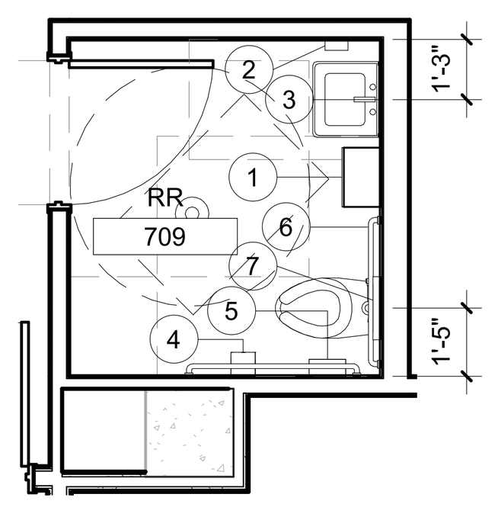
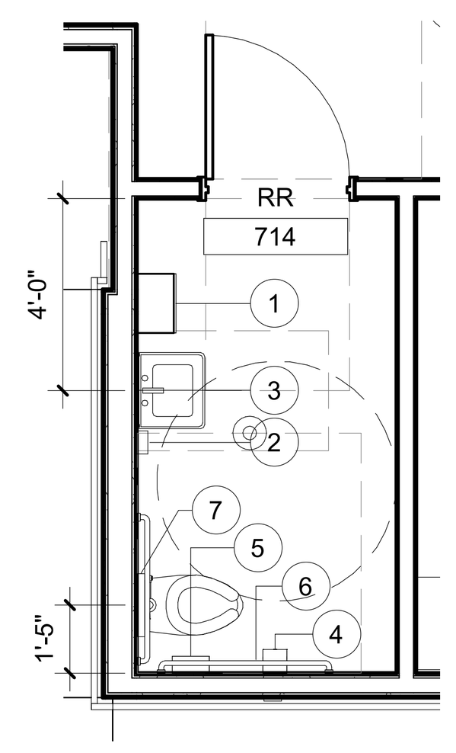


5 ENLARGED RESTROOM
1/4" = 1'-0"



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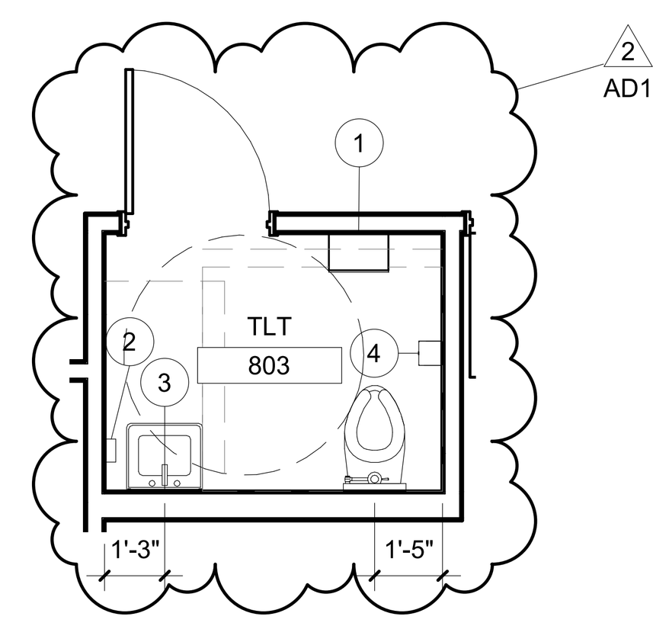

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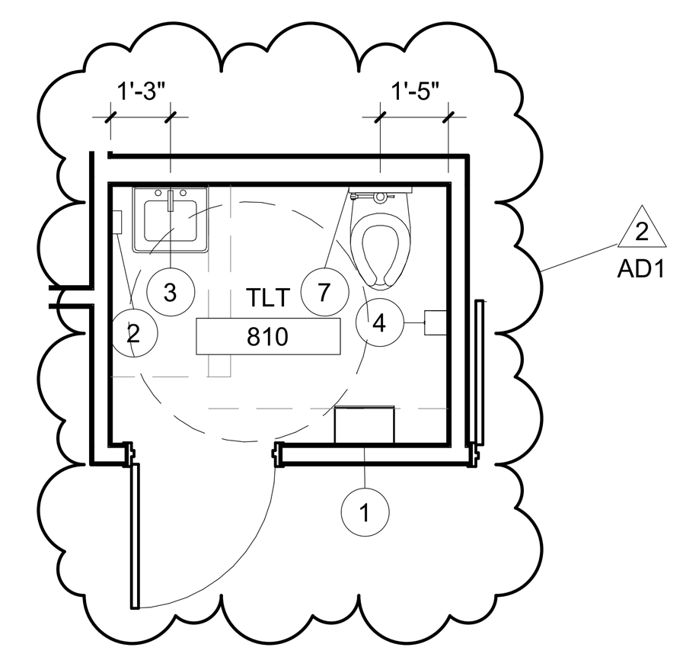
1/4" = 1'-0"



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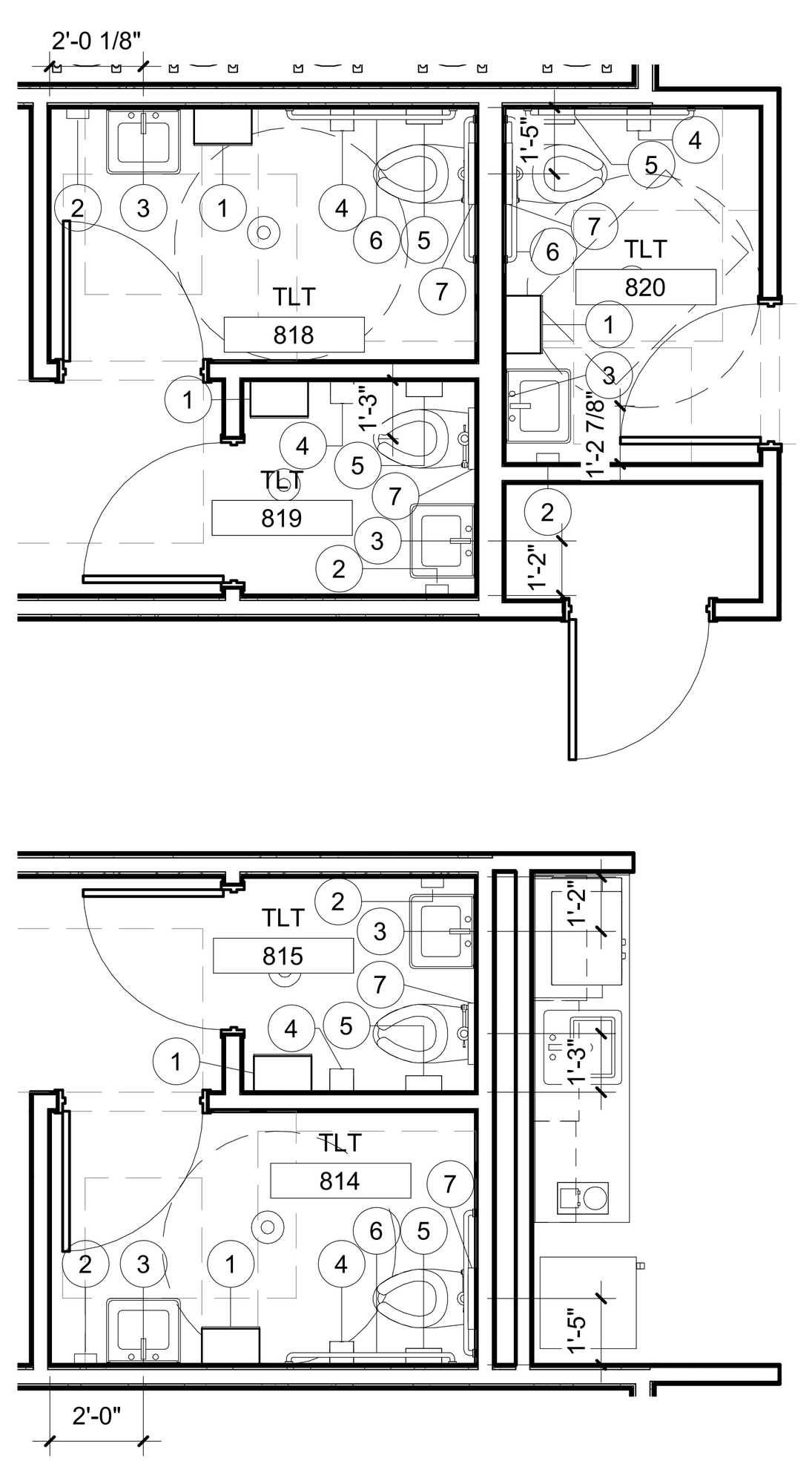
1/4" = 1'-0"



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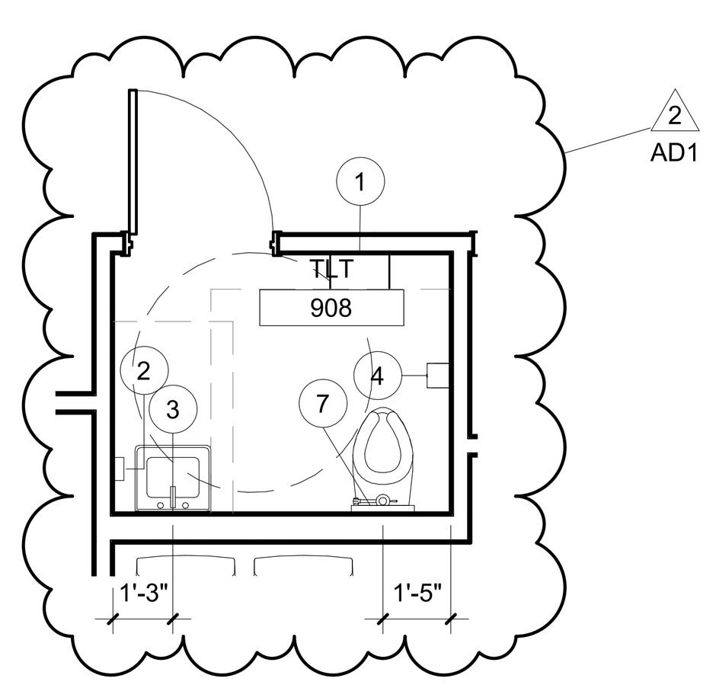

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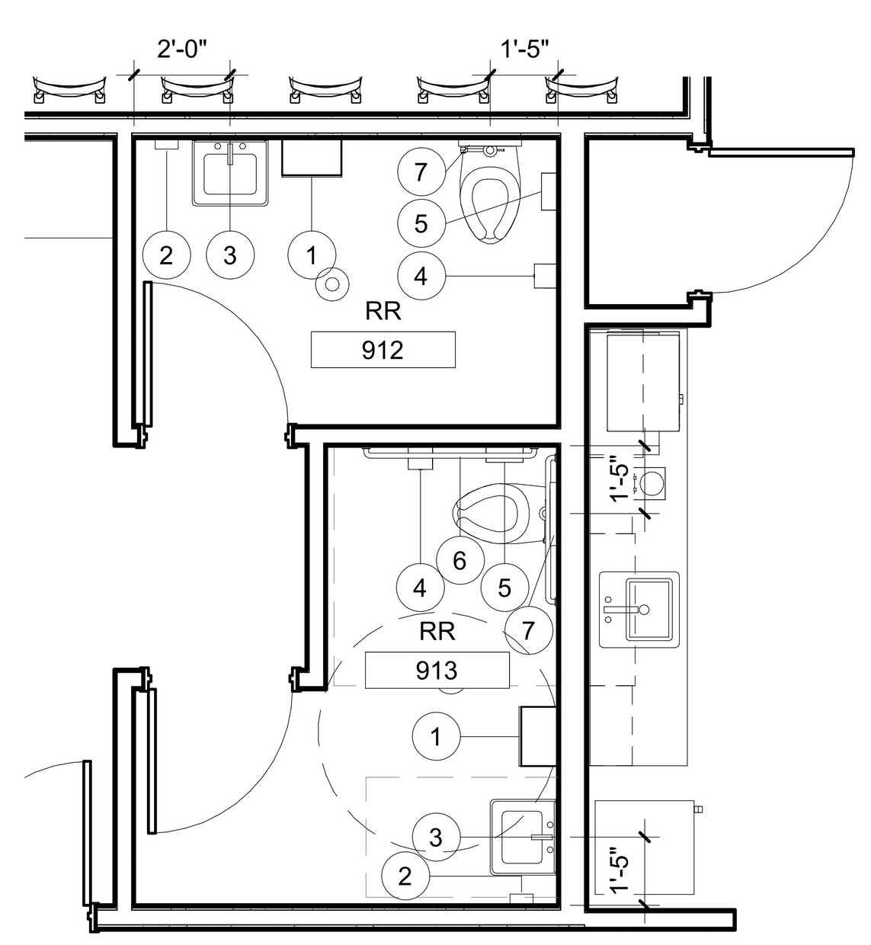
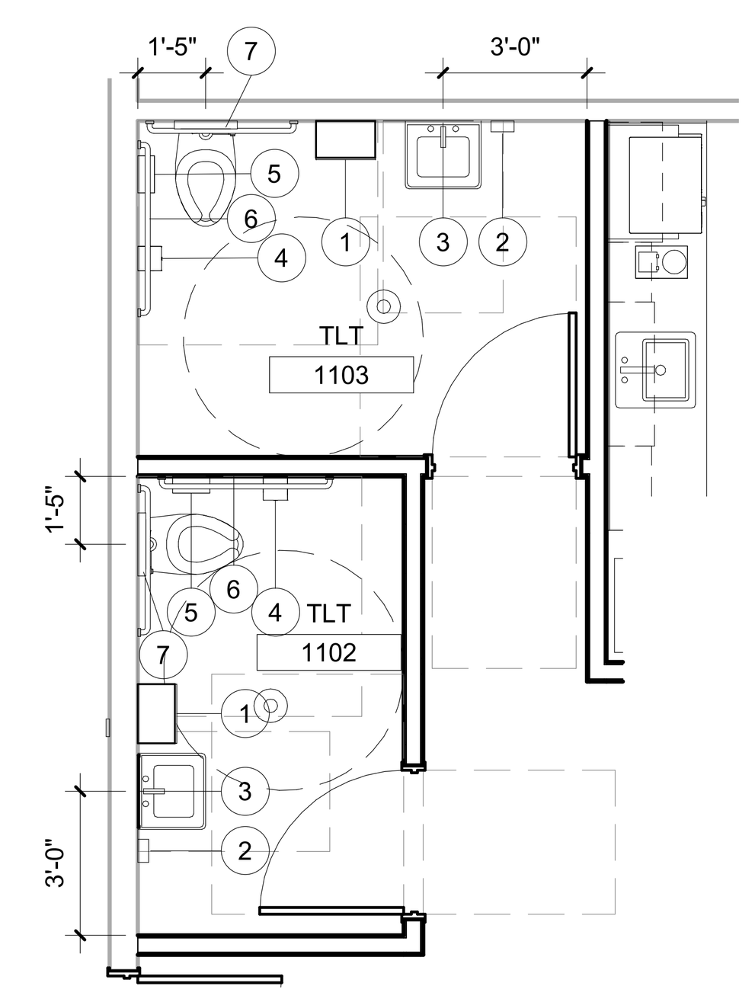
1/4" = 1'-0"



11 ENLARGED RESTROOM
1/4" = 1'-0"



12 ENLARGED RESTROOM
1/4" = 1'-0"

RESTROOM ACCESSORIES SCHEDULE

DESCRIPTION	NO.	MOUNTING HEIGHT	WIDTH	HEIGHT	DEPTH	MANUFACTURER	MODEL	REMARKS
PAPER TOWEL DISPENSER	1	48" A.F.F. TO TOP OF CONTROL				BY OWNER		
SOAP DISPENSER	2	6" ABOVE LAV.				BY OWNER		
WALL HUNG MIRROR	3	40" A.F.F. TO BOTTOM OF REFLECTIVE SURFACE	18"	40"	-	DULLES	M18X40RE6MMBEHO	
TOILET PAPER DISPENSER	4	19" A.F.F. TO CENTERLINE				BY OWNER		
SANITARY NAPKIN DISPOSAL	5	16" TO BOTTOM	11"	15 1/4"	4"	ASI	0475-1A	
GRAB BAR	6	33" A.F.F. TO CENTER	VARIES	-	-	BOBRICK	6806	
SEAT COVER DISPENSER	7	ABOVE GRAB BAR	VARIES	-	-	BY OWNER		

GENERAL NOTES

1. G.C. RESPONSIBLE FOR INSTALLING ALL WOOD BLOCKING IN STUD WALL AS REQUIRED FOR INSTALLING ALL ACCESSORIES (INCLUDING OWNER PROVIDED ITEMS)
2. ALL ACCESSORIES SHALL BE INSTALLED PER ADAAG REQUIREMENTS
3. MODEL NUMBERS SHOWN FOR DESIGN INTENT. REF. SPEC. FOR ADDITIONAL APPROVED EQUALS
4. REFERENCE SHEET A61.1. FOR DETAILS.
5. PER 2018 IBC, JURY RESTROOMS ARE PERMITTED TO BE NON-ACCESSIBLE WHEN CLUSTERED AT A LOCATION WITH AN ACCESSIBLE RESTROOM.
   A. SECTION 1109.2 EXCEPTION 3: "WHERE MULTIPLE SINGLE-USER TOILET ROOMS OR BATHING ROOMS ARE CLUSTERED AT A SINGLE LOCATION, AT LEAST 50% BUT NOT LESS THAN ONE ROOM FOR EACH USE AT EACH CLUSTER SHALL BE ACCESSIBLE.".
6. PER 2018 IBC, THE JUDGE RESTROOMS ARE PERMITTED TO BE NON-ACCESSIBLE.
   A. SECTION 1109.2 EXCEPTION 1: "TOILET ROOMS OR BATHING ROOMS ACCESSED ONLY THROUGH A PRIVATE OFFICE, NOT FOR COMMON OR PUBLIC USE AND INTENDED FOR USE BY A SINGLE OCCUPANT SHALL BE PERMITTED TO COMPLY WITH THE SPECIFIC EXCEPTIONS IN ICC A117.1.".

1 MABCD

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2 08/19/2022 AD1

PROJECT NUMBER
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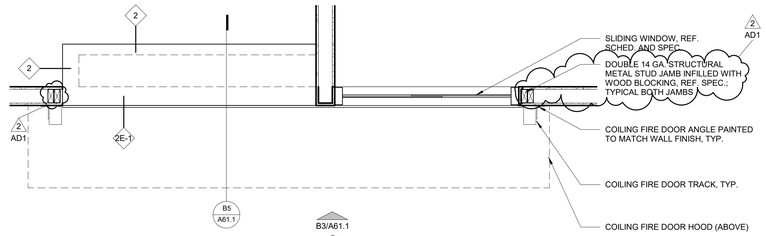
DATE
6/17/2022

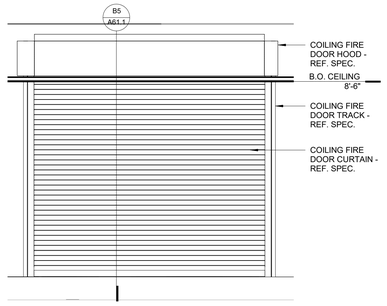
ENLARGED RESTROOM DRAWINGS AND SCHEDULES

A52.1



A1 ENLARGED PLAN - FILE RETURN

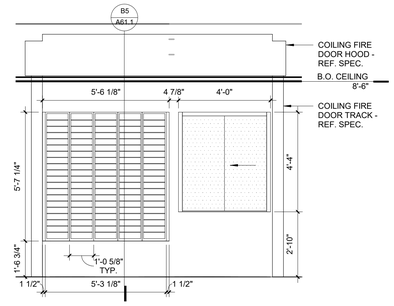
3/4" = 1'-0"



NOTE:
DOOR SHOWN DOWN IN CLOSED POSITION.

B1 ELEVATION - FILE RETURN

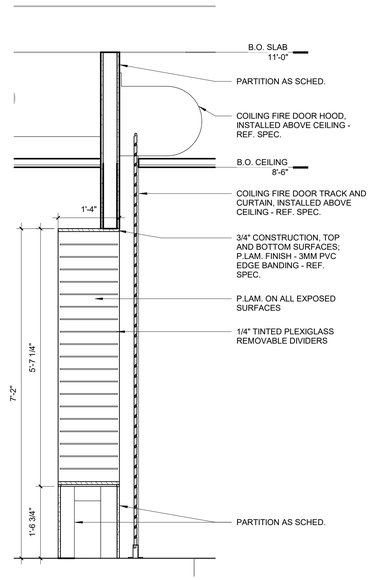
3/8" = 1'-0"



NOTE:
DOOR SHOWN UP IN OPEN POSITION.

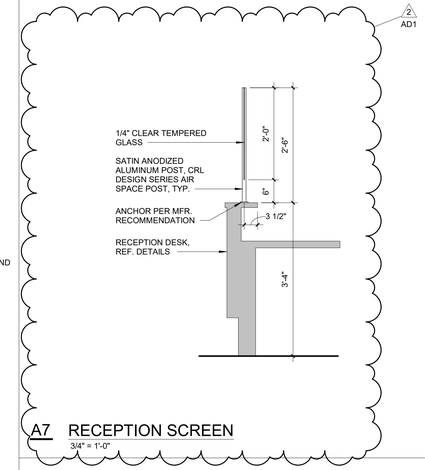
B3 ELEVATION - FILE RETURN

3/8" = 1'-0"



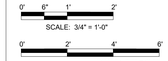
B5 FILE RETURN

3/4" = 1'-0"



A7 RECEPTION SCREEN

3/4" = 1'-0"



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7/6/2022

MIDWEST ENGINEERING, INC.
MECHANICAL ENGINEERS
INTEGRATED CONSULTING
ELECTRICAL ENGINEERS

Sedgwick County Courthouse
SG CO COURTHOUSE UPPER FLRS REMODEL
525 N. Main, Wichita, KS, 67203

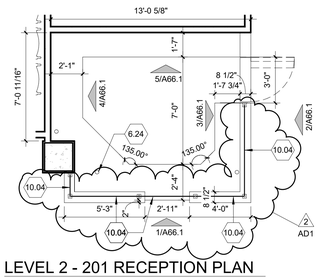
REVISIONS
2 08/19/2022 AD1

PROJECT NUMBER
5278.37

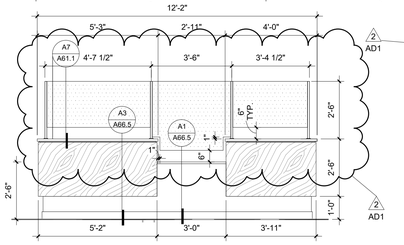
DATE
6/17/2022

GENERAL DETAILS

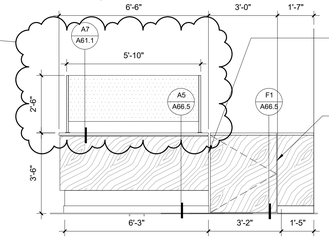
A61.1



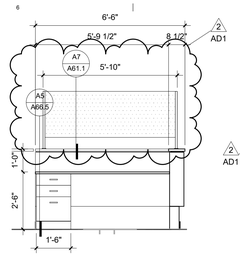
LEVEL 2 - 201 RECEPTION PLAN



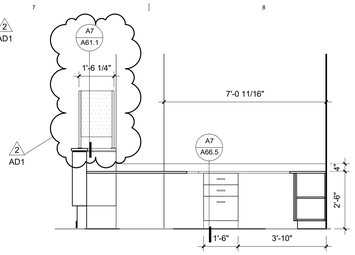
1 201 RECEPTION
3/8" = 1'-0"



2 201 RECEPTION
3/8" = 1'-0"



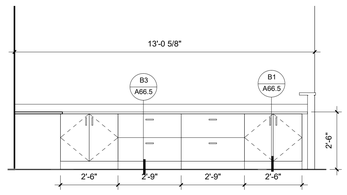
3 201 RECEPTION
3/8" = 1'-0"



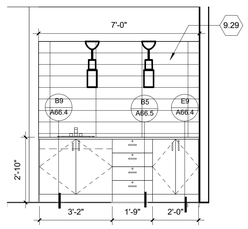
4 201 RECEPTION
3/8" = 1'-0"

KEYED NOTES

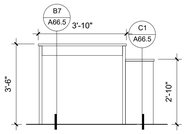
6.23	PROVIDE SAFCO 9689 RIGID PLASTIC LINER FOR 36 GALLON RECEPTACLE, 27.25"H X 17"W X 17"D
6.24	PROVIDE QTY (3) GROMMETS, LOCATION TO BE DETERMINED BY OWNER.
9.29	TW-3 6 INCH X 24 INCH HORIZONTAL STACKED TILE, REF. SPEC
9.30	TW-1 12 INCH X 24 INCH HORIZONTAL STACKED TILE, REF. SPEC
9.31	TW-2 VERTICAL ACCENT AT MIRROR, FULL HEIGHT, REF. SPEC
10.04	GLASS SHIELD - REF. DETAILS



5 201 RECEPTION
3/8" = 1'-0"



6 202 WAITING
3/8" = 1'-0"



7 202 WAITING
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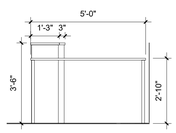

8 202 WAITING
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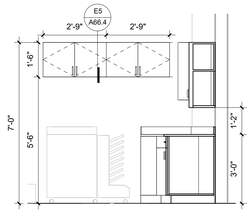
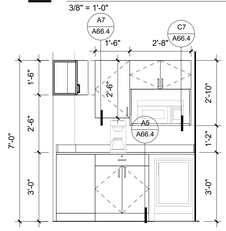
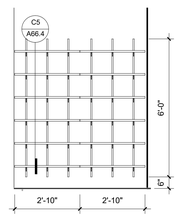


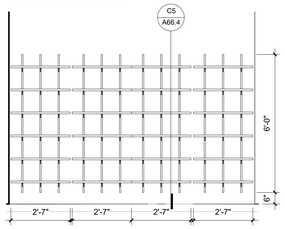
9 205 CASE COORD
3/8" = 1'-0"



10 205 CASE COORD
3/8" = 1'-0"

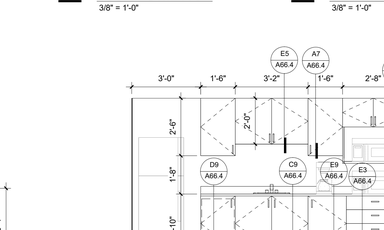


11 205 CASE COORD
3/8" = 1'-0"

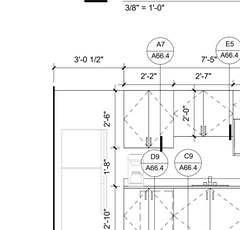


12 205 CASE COORD
3/8" = 1'-0"

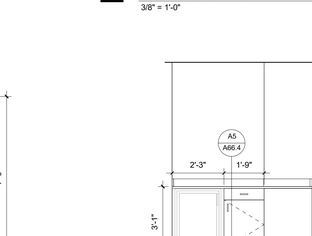
13 205 CASE COORD
3/8" = 1'-0"



14 210 COPIER
3/8" = 1'-0"



15 210 COPIER
3/8" = 1'-0"



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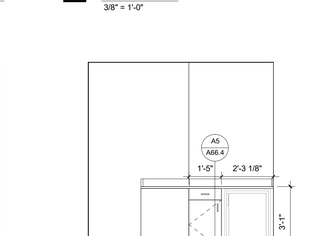

17 235 MAIL
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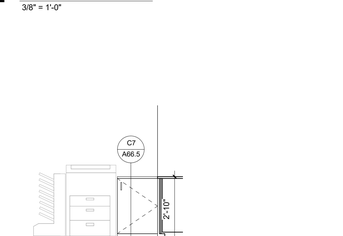

18 242 COPY
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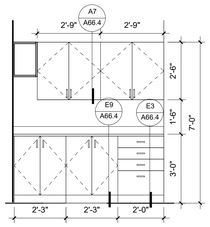

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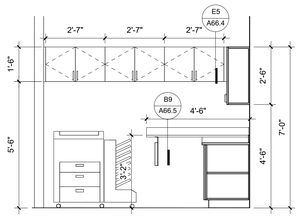

20 304 COPY 2
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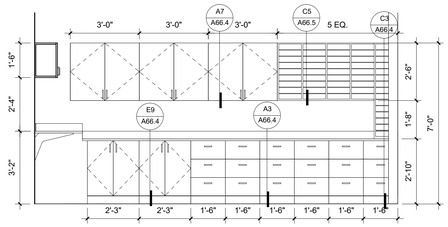

21 304 COPY
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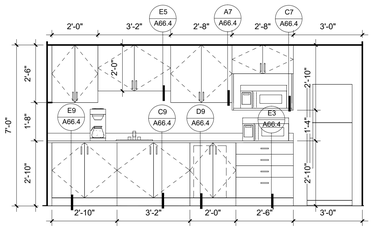

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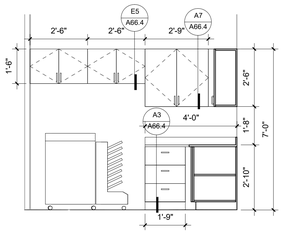

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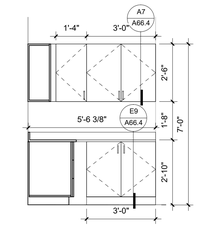

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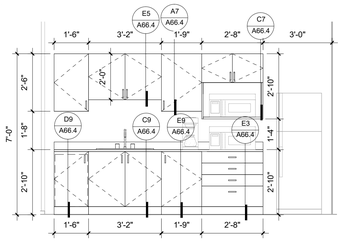

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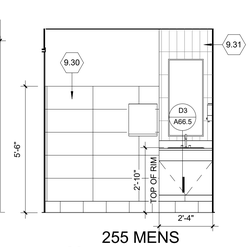
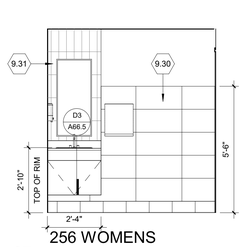
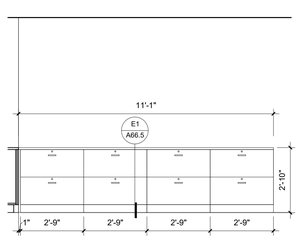


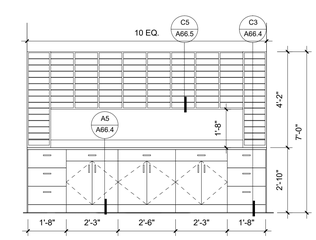
255 MENS
26 353 WOMENS
3/8" = 1'-0"



256 WOMENS
27 354 MENS
3/8" = 1'-0"



28 355 RECORDS
3/8" = 1'-0"



29 355 RECORDS
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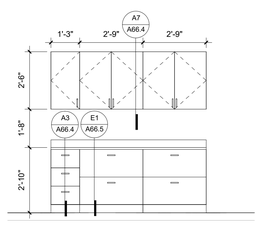

30 213 HALL
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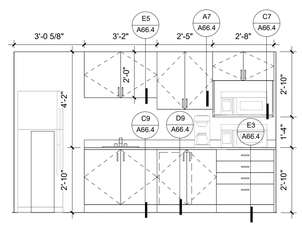

31 367 COFFEE
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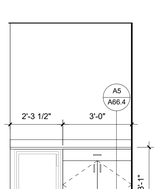

32 702 JURY
3/8" = 1'-0"

33 707A COFFEE
3/8" = 1'-0"

34 801 COFFEE
3/8" = 1'-0"

35 813 JURY
3/8" = 1'-0"

36 817 JURY
3/8" = 1'-0"

37 355 RECORDS
3/8" = 1'-0"

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6/17/2022

MILLWORK ELEVATIONS

A66.1

DOOR & FRAME SCHEDULE

DOOR							FRAME				DETAILS		
MARK	WIDTH	HEIGHT	MATERIAL	TYPE	DOOR GLAZING	FIRE	MATERIAL	TYPE	GLASS	FIRE	JAMB	HEAD	REMARKS
200	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
201A	3'-0"	7'-0"	WD	FG	SG	20 MIN	HM	7	SG	45 MIN.	D5/A68.1	B - B5/A68.1	
201B	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
202	3'-0"	7'-0"	WD	FG	SG	N.R.	WD	1 sim.	-	N.R.	D7/A68.1	C7/A68.1	DOOR FINISH ST2
203	3'-0"	7'-0"	WD	FG	SG	N.R.	WD	1 sim.	-	N.R.	D7/A68.1	C7/A68.1	DOOR FINISH ST2
204	3'-0"	7'-0"	WD	FG	SG	N.R.	WD	1 sim.	-	N.R.	D7/A68.1	C7/A68.1	DOOR FINISH ST2
205A	3'-0"	7'-0"	WD	D	SG	N.R.	WD	8	SG	N.R.	D7/A68.1	C7/A68.1	DOOR FINISH ST2. SEE D1/A68.1 FOR DOOR
205B	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
205C	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
205D	5'-0"	7'-0"	WD	F	-	N.R.	HM	2	-	N.R.	A - B5/A68.1	B - B5/A68.1	
205E	5'-0"	7'-0"	WD	F	-	N.R.	HM	2	-	N.R.	A - B5/A68.1	B - B5/A68.1	
206	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
208	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
209	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
211A	3'-0"	7'-0"	WD	F	-	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
211B	3'-0"	7'-0"	WD	F	-	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
211C	3'-0"	7'-0"	WD	F	-	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
212	6'-0"	7'-0"	WD	F	-	90 MIN.	HM	2	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
213A	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
214	3'-0"	7'-0"	WD	F	-	20 MIN	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
215	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
216	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
217	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
218	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
219	3'-0"	7'-0"	WD	F	-	N.R.	HM	14	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
220	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
221	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
222	3'-0"	7'-0"	WD	F	-	N.R.	HM	14	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
223	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
224A	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
224B	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
225	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
225A	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
226	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
227	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
228	3'-0"	7'-0"	WD	F	-	N.R.	HM	14	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
229	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
230	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
231	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
232	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
233	3'-0"	7'-0"	WD	F	-	N.R.	HM	14	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
237	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
238	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
239	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
240	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
241	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
243	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
244	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
245	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	REUSE EXISTING DOOR BELL
246A	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
246B	3'-0"	7'-0"	WD	F	-	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
246C	3'-0"	7'-0"	WD	F	-	N.R.	EXIST	-	-	90 MIN.	-	-	REUSE EXISTING FRAME, INSTALL NEW DOOR AND HARDWARE
247	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
248	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
249	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
250	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
251	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
252	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
253	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
254	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
255	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
256	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
301A	3'-0"	7'-0"	WD	N	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
301B	3'-0"	7'-0"	WD	FG	-	N.R.	ALUM.	13	-	N.R.	C - D3/A68.1	D - D3/A68.1	
302	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
303	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
305	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
306	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
308	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
310	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
311	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
312	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
313	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
314	3'-0"	7'-0"	WD	F	-	N.R.	HM	14	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
315	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
316	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
317	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
318A	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
318B	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
319	3'-0"	7'-0"	WD	F	-	N.R.	HM	14	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
320	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
321	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
322	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
323	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
324	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
325	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
327	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
328	3'-0"	7'-0"	WD	F	-	20 MIN	HM	4a	SG	45 MIN.	A - B5/A68.1	B - B5/A68.1	
329	3'-0"	7'-0"	WD	F	-	20 MIN	HM	4a	SG	45 MIN.	A - B5/A68.1	B - B5/A68.1	
331A	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
331B	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
332A	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
332B	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
333	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
334	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
335	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
337	3'-0"	7'-0"	WD	F	-	N.R.	EXIST	-	-	-	-	-	REUSE EXISTING FRAME, INSTALL NEW DOOR AND HARDWARE
339	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
340	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
341	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
342	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
343	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
344	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
345	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
346	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
347	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
348	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
349	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
350	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
351	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
353	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
354	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
355A	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
355B	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	MAG HOLD OPEN
356	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	FG	N.R.	A - B5/A68.1	B - B5/A68.1	
357	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
360	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
361	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
362	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
363	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
364	3'-0"	7'-0"	WD	F	-	N.R.	HM	4a	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
365	3'-0"	7'-0"	WD	F	-	N.R.	HM	14	SG	N.R.	A - B5/A68.1	B - B5/A68.1	
701A	3'-0"	7'-0"	WD	FG3	SG	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
701B	3'-0"	7'-0"	WD	N	SG	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
701C	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM/WT	1a	-	90 MIN.	A7/A68.1	B7/A68.1	WOOD TRIM ON HALL SIDE ONLY, SOUND PROOFING - REF. SPEC.
702	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM/WT	1a	-	90 MIN.	A7/A68.1	B7/A68.1	SOUND PROOFING - REF. SPEC.
703	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
704	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
705	3'-0"	7'-0"	WD	F	-	20 MIN.	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
707	3'-0"	7'-0"	WD	F	-	20 MIN.	HM/WT	1	-	20 MIN.	A7/A68.1	B7/A68.1	
708	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	3	SG	N.R.	A7/A68.1	B7/A68.1	
709	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
710A	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	4	SG	N.R.	A7/A68.1	B7/A68.1	
710B	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
711	6'-0"	7'-0"	WD	F	-	N.R.	HM/WT	2	-	N.R.	A7/A68.1	B7/A68.1	WOOD TRIM ON HALL SIDE ONLY
712	3'-0"	7'-0"	WD	FG	SG	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
712A	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	WOOD TRIM ON OFFICE SIDE ONLY
713A	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
713B	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM/WT	1a	-	90 MIN.	A7/A68.1	B7/A68.1	WOOD TRIM ON OFFICE SIDE ONLY, SOUND PROOFING - REF. SPEC.
713C	2'-6"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	WOOD TRIM ON OFFICE SIDE ONLY
714	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
801	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
802	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
802A	8'-0"	7'-0"	WD	F	-	90 MIN.	HM	2	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
803	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
804A	3'-0"	7'-0"	WD	FG	SG	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
804B	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	

DOOR & FRAME SCHEDULE

DOOR							FRAME				DETAILS		
MARK	WIDTH	HEIGHT	MATERIAL	TYPE	DOOR GLAZING	FIRE	MATERIAL	TYPE	GLASS	FIRE	JAMB	HEAD	REMARKS
805	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	4	SG	N.R.	A7/A68.1	B7/A68.1	
806	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	4	SG	N.R.	A7/A68.1	B7/A68.1	
807	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	4	SG	N.R.	A7/A68.1	B7/A68.1	
808	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	4	SG	N.R.	A7/A68.1	B7/A68.1	
809A	3'-0"	7'-0"	WD	FG	SG	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
809B	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
810	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
811	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
812A	3'-0"	7'-0"	WD	FG3	SG	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
812B	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM/WT	1a	-	90 MIN.	A7/A68.1	B7/A68.1	WOOD TRIM ON HALL SIDE ONLY, SOUND PROOFING - REF. SPEC.
812C	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM/WT	1a	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	WOOD TRIM ON OFFICE SIDE ONLY, SOUND PROOFING - REF. SPEC.
813	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM	1a	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	SOUND PROOFING - REF. SPEC.
814	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
815	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
816A	3'-0"	7'-0"	WD	FG3	SG	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
816B	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM/WT	1a	-	90 MIN.	A7/A68.1	B7/A68.1	WOOD TRIM ON HALL SIDE ONLY, SOUND PROOFING - REF. SPEC.
817	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM	1a	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	SOUND PROOFING - REF. SPEC.
818	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
819	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
820	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
821	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	WOOD TRIM ON HALL SIDE ONLY
822	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
901	3'-0"	7'-0"	WD	F	-	20 MIN	HM	1	-	20 MIN.	A - B5/A68.1	B - B5/A68.1	
902	3'-0"	7'-0"	WD	FG	SG	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
903	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	4	SG	N.R.	A7/A68.1	B7/A68.1	
904	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	WOOD TRIM ON HALL SIDE ONLY
905	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	4	SG	N.R.	A7/A68.1	B7/A68.1	
906A	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	4	SG	N.R.	A7/A68.1	B7/A68.1	
906B	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
907	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
908	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
909	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	WOOD TRIM ON OFFICE SIDE ONLY
910A	3'-0"	7'-0"	WD	FG3	SG	90 MIN.	HM	1	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	
910B	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM/WT	1	-	90 MIN.	A7/A68.1	B7/A68.1	WOOD TRIM ON HALL SIDE ONLY, SOUND PROOFING - REF. SPEC.
910C	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM/WT	1a	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	WOOD TRIM ON OFFICE SIDE ONLY, SOUND PROOFING - REF. SPEC.
911A	3'-0"	7'-0"	WD	Fa	-	90 MIN.	HM	1a	-	90 MIN.	A - B5/A68.1	B - B5/A68.1	SOUND PROOFING - REF. SPEC.
911B	3'-0"	7'-0"	WD	Fa	-	N.R.	HM	1a	-	N.R.	A - B5/A68.1	B - B5/A68.1	SOUND PROOFING - REF. SPEC.
912	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
913	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
914	3'-0"	7'-0"	WD	F	-	N.R.	HM	1	-	N.R.	A - B5/A68.1	B - B5/A68.1	
1101	3'-0"	7'-0"	WD	F	-	20 MIN	HM/WT	1	-	20 MIN.	A7/A68.1	B7/A68.1	WOOD TRIM ON OFFICE SIDE ONLY
1102	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
1103	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	
1104	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	3	SG	N.R.	A7/A68.1	B7/A68.1	
1105	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	3a	SG	N.R.	A7/A68.1	B7/A68.1	
1106	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	3a	SG	N.R.	A7/A68.1	B7/A68.1	
1107	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	5	SG	N.R.	A7/A68.1	B7/A68.1	
1108	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	3a	SG	N.R.	A7/A68.1	B7/A68.1	
1109	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	3a	SG	N.R.	A7/A68.1	B7/A68.1	
1110	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	3a	SG	N.R.	A7/A68.1	B7/A68.1	
1111	3'-0"	7'-0"	WD	F	-	N.R.	HM/WT	1	-	N.R.	A7/A68.1	B7/A68.1	WOOD TRIM ON HALL SIDE ONLY
OH300	10'-0"	8'-7"	STL	OHD	-	as Specified	STL	-	-				OVERHEAD COILING FIRE RATED DOOR

DOOR & FRAME SCHEDULE EXISTING

DOOR							FRAME				DETAILS		
MARK	WIDTH	HEIGHT	MATERIAL	TYPE	DOOR GLAZING	FIRE	MATERIAL	TYPE	GLASS	FIRE	JAMB	HEAD	REMARKS
E220	3'-0"	7'-0"	EXIST.	-	-	20 MIN	EXIST	EXIST.	-	45 MIN.	-	-	
E228	3'-0"	7'-0"	EXIST.	-	-	20 MIN	EXIST	EXIST.	-	45 MIN.	-	-	
E257	2'-6"	7'-2"	EXIST.	-	-	N.R.	EXIST	EXIST.	-	N.R.	-	-	
E352A	2'-6"	7'-2"	EXIST.	-	-	N.R.	EXIST	EXIST.	-	N.R.	-	-	
E352B	3'-0"	7'-0"	EXIST.	-	-	20 MIN	EXIST	EXIST.	-	45 MIN.	-	-	
E352C	2'-2"	7'-2"	EXIST.	-	-	N.R.	EXIST	EXIST.	-	N.R.	-	-	
E352D	3'-0"	7'-0"	EXIST.	-	-	N.R.	EXIST	EXIST.	-	N.R.	-	-	
E366	2'-8"	7'-0"	EXIST.	-	-	N.R.	EXIST	EXIST.	-	N.R.	-	-	

GENERAL NOTES

DOOR & FRAME MATERIAL:

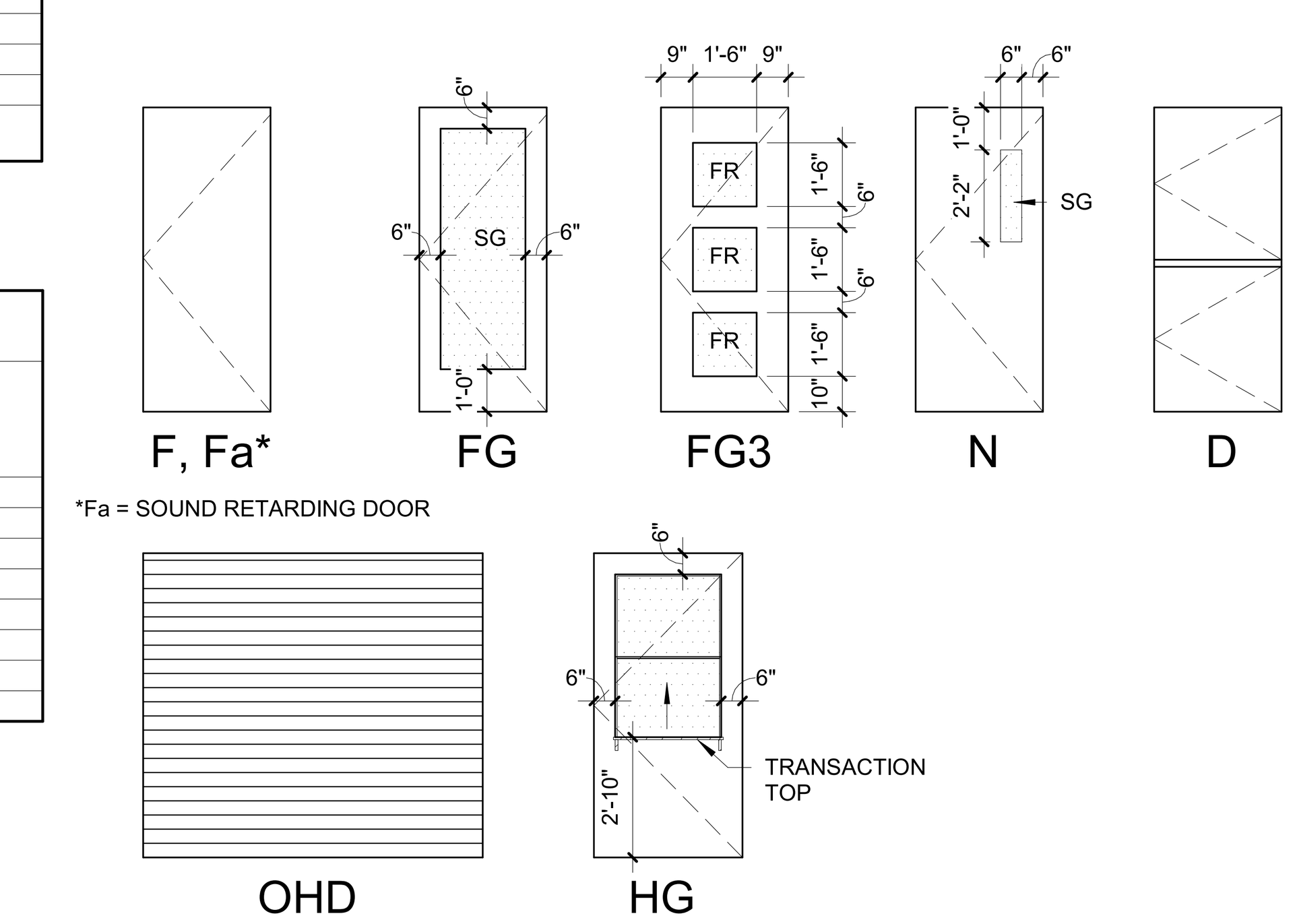
AL - ALUMINUM
HM - HOLLOW METAL
WD - WOOD
ST - STEEL
SS - STAINLESS STEEL
FRP - FIBERGLASS REINFORCED POLYMER
WT - WOOD TRIM ON FRAME

GLAZING MATERIAL:

IN - INSULATED
LM - LAMINATED
SG - SAFETY GLASS
W - WIRE GLASS
CLR - CLEAR GLASS
SP - SPANDREL GLASS
FP- 20 MIN / 45 MIN HOUR FIRE PROTECTIVE ASSEMBLY
FR - 90 MIN / 120 MIN HOUR FIRE RESISTIVE ASSEMBLY
SEC - SECURITY GLASS

- ALL DOORS ARE UNDERCUT AS SPECIFIED.
- SAFETY GLAZING LISTED IS REQUIRED ONLY IN LOCATIONS TO MEET CODE REQUIREMENTS EXCEPT WHEN SHOWN IN REMARKS COLUMN OR DRAWINGS.
- DOOR DIMENSIONS REFER TO OPENING DIMENSIONS OF FRAME.
- WOOD DOORS TO BE FACTORY FINISHED UNLESS NOTED OTHERWISE - REF. SPEC.
- HOLLOW METAL DOORS TO BE PAINTED UNLESS NOTED OTHERWISE - REF. SPEC
- ALUMINUM DOORS, STOREFRONT AND CURTAIN WALL TO BE FACTORY FINISH UNLESS NOTED OTHERWISE - REF. SPEC
- FURNISH AND INSTALL ALUMINUM STOREFRONT OR CURTAIN WALL FRAMES AND TRIM PER SPEC.
- FIELD VERIFY ALL DIMENSIONS OF OPENINGS TO RECEIVE NEW STOREFRONT, CURTAIN WALL OR DOOR FRAMES PRIOR TO FABRICATION. SIZES SHOWN ARE FOR ESTIMATING PURPOSES AND DESIGN INTENT, ACTUAL CONDITIONS MAY VARY. ADJUST DIMENSIONS TO INCLUDE NECESSARY SHIMS, SEALANTS AND FLASHING. G.C. TO COMMUNICATE DIMENSIONAL DISCREPANCIES TO ARCHITECT PRIOR TO FABRICATION.

DOOR AND FRAME TYPES



PARTITION SCHEDULE

TYPE MARK	MATERIAL		GYPSUM BOARD			FIRE RATING	TOP OF WALL	REMARKS
	METAL STUD	OTHER	LOCATION OF GYP BOARD	TYPE	SOUND BATT INSULATION			
1A	7/8" HAT CHANNELS		ONE LAYER, ONE SIDE	5/8" "X"	-	N.R.	8" ABOVE CEILING	
1B	1 5/8"		ONE LAYER, ONE SIDE	5/8" "X"	-	N.R.	8" ABOVE CEILING	
1C	1 5/8"		ONE LAYER, ONE SIDE	5/8" "X"	-	N.R.	TO DECK	
1M	2 1/2"		TWO LAYERS, BOTH SIDES	5/8" "X"	-	N.R.	TO DECK	
1M-2	2 1/2"		TWO LAYERS, BOTH SIDES	5/8" "X"	-	2 HR	TO DECK	
2	3 5/8"		ONE LAYER, ONE SIDE	5/8" "X"	-	N.R.	8" ABOVE CEILING	
2A	3 5/8"		ONE LAYER, ONE SIDE	5/8" "X"	-	N.R.	TO DECK	
2B	3 5/8"		ONE LAYER, ONE SIDE	5/8" "X"	YES	N.R.	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
2C	3 5/8"		ONE LAYER, BOTH SIDES	5/8" "X"	-	N.R.	8" ABOVE CEILING	
2D-1	3 5/8"		ONE LAYER, BOTH SIDES	5/8" "X"	-	1 HR	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
2D-2	3 5/8"		TWO LAYERS, BOTH SIDES	5/8" "X"	-	2 HR	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
2E	3 5/8"		ONE LAYER, BOTH SIDES	5/8" "X"	YES	N.R.	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
2E-1	3 5/8"		ONE LAYER, BOTH SIDES	5/8" "X"	YES	1 HR	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
2E-2	3 5/8"		TWO LAYERS, BOTH SIDES	5/8" "X"	YES	2 HR	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
2I	3 5/8"		ONE LAYER, BOTH SIDES	5/8" "X"	YES	N.R.	8" ABOVE CEILING	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
2J	3 5/8"		TWO LAYERS, BOTH SIDES	5/8" "X"	YES	N.R.	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
3A-2	6"		TWO LAYERS, BOTH SIDES	5/8" "X"	YES	2 HR	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING
3B	6"		ONE LAYER, BOTH SIDES	5/8" "X"	YES	N.R.	TO DECK	SEAL PERIMETER OF WALL AT FLOOR AND DECK, INCLUDING ALL PENETRATIONS INCLUDING HVAC, ELECTRICAL, AND ABOVE CEILING

PARTITION GENERAL NOTES

- PROVIDE IMPACT-RESISTANT WALLBOARD IN CORRIDORS, HALLWAYS, AND LOBBIES WHERE KEY NOTED – REF. SPEC.
- PROVIDE TILE BACKING BOARD IN RESTROOMS, KITCHENS, SHOWERS AND LOCKER ROOMS WHERE GYP. BD. AND WALL TILE ARE SCHEDULED – REF. SPEC.
- METAL FRAMING TO BE SPACED A MAXIMUM OF 16" ON CENTER & MEET THE MAXIMUM DEFLECTION CRITERIA OF WALL FRAMING OF L/240 AS NOTED IN THE SPECIFICATIONS, UNLESS NOTED OTHERWISE.

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4991 KANSAS ARCHITECT
7/6/2022

MIDWEST ENGINEERING, INC.
MECHANICAL ENGINEERS
INTEGRATED CONSULTING ENGINEERS
ELECTRICAL ENGINEERS

Sedgwick County Courthouse
SG CO COURTHOUSE UPPER FLRS REMODEL
525 N. Main, Wichita, KS, 67203

REVISIONS
2 08/19/2022 AD1

PROJECT NUMBER
5278.37

DATE
6/17/2022

DOOR, FRAME & PARTITION SCHEDULE

A72.1

A 2ND FLOOR SPECIAL SYSTEMS

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

0 4' 8' 16'

NORTH

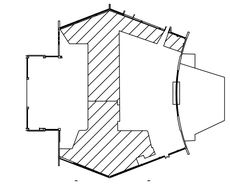
SCALE: 1/8" = 1'-0"

SPECIAL SYSTEM SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING
PB	PANIC BUTTON TO COURTHOUSE POLICE	
	DOOR LOCK BUTTON	
CE	CAMERA EXISTING	CEILING
CN	CAMERA NEW	CEILING
KP	KEYPAD	4'-0" TO TOP
ML	MAGNETIC LOCK RELEASED ON FIRE ALARM	
HC	HANDICAP ASSISTED DOOR	4'-0" TO TOP
VM	VISITOR MONITOR	4'-0" TO TOP
VDB	VIDEO DOOR BELL	4'-0" TO TOP
AC	ACCESS CONTROL	4'-0" TO TOP
	FIRE ALARM SPEAKER	CEILING
	DOOR HOLD OPEN	WALL
	FIRE ALARM SPEAKER AND VISUAL SIGNAL	CEILING
	FIRE ALARM MANUAL STATION	4'-0" TO TOP
	COMB F.A. SPEAKER & VISUAL SIGNAL	WALL 80" AFF
D	DUCT SMOKE DETECTOR	IN DUCT
D F/S	DUCT SMOKE DETECTOR AT FIRE/SMOKE DAMPER	IN DUCT
	FIRE ALARM VISUAL SYMBOL	WALL

NOTES:

1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS FOR CLARITY ONLY, CONTRACTOR MAY GROUP SINGLE POLE BRANCH CIRCUITS IN MULTIPLE CIRCUIT HOME RUNS. (3 CIRCUIT MAXIMUM). EACH CIRCUIT WILL REQUIRE A SEPARATE, HOT & NEUTRAL CONDUCTOR. A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL POWER RECEPTACLE, AND LIGHTING CIRCUITS.
2. FOR ELECTRICAL CONNECTIONS TO ITEMS SUPPLIED BY OTHER CONTRACTORS, SEE EQUIPMENT CONNECTION SCHEDULE.
3. LABEL ALL DEVICE PLATES WITH CIRCUIT DEVICE IS SUPPLY FROM
4. INSTALL SOUND PAD ON ALL DEVICE BOXES BOTH POWER, DATA, LIGHT SWITCHES



KEY PLAN

22059.00 - 011

Integrated Consulting Engineers, Inc.
349 South Hydraulic • Wichita, KS 67211
316.264.3588 • 316.264.3948 • www.icengineers.net

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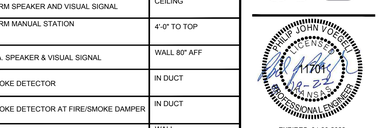


MIDWEST ENGINEERING, INC.
MECHANICAL ENGINEERS
INTEGRATED CONSULTING ENGINEERS, INC.
ELECTRICAL ENGINEERS

Sedgwick County Court House
SG CO COURTHOUSE UPPER FLRS REMODEL
525 N. Main, Wichita, KS, 67203

REVISIONS

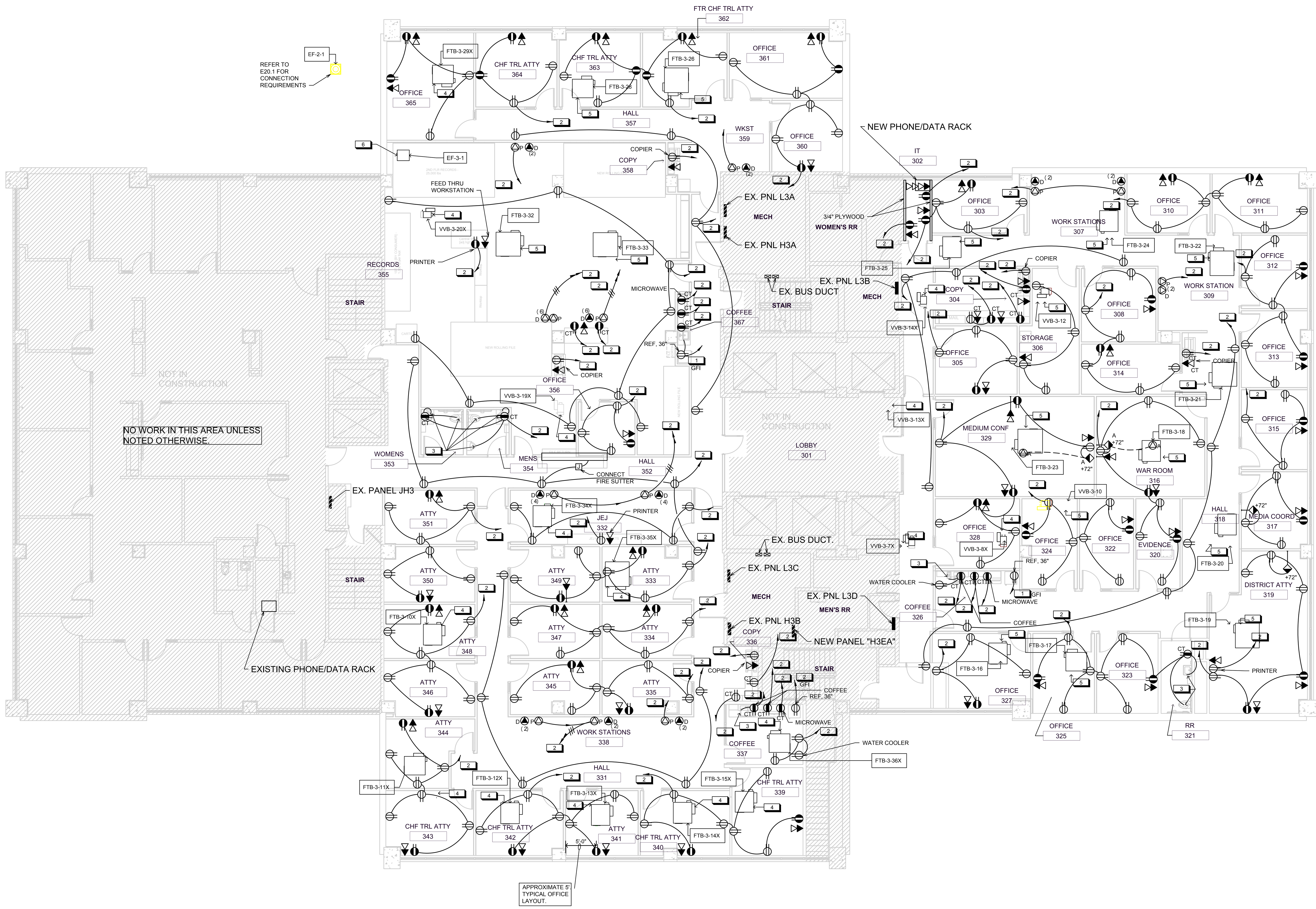
2 08/19/2022 AD1

PROJECT NUMBER
5278.37

DATE
07 06 2022

2ND FLOOR SPECIAL SYSTEMS

E20.3



A

3RD FLOOR POWER

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

0 4' 8' 16'

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

NORTH

PLAN NOTES

ICE

SYMBOL	DESCRIPTION
1	CONNECT TO NEW 20A. IP. GFI BREAKER IN EXISTING PANEL L3E AFTER REMOVAL OF DEMO POWER OUTLETS
2	TO SPARE 20 A. IP. BREAKER IN PANEL L3A, L3B, L3C, OR L3D CREATED BY REMOVAL OF EXISTING CIRCUITS IN DEMO AREA.
3	CONNECT TO AUTO FLUSH VALVE OR SINK CONTROLS.
4	EXISTING FTB (FAN TERMINAL BOX) OR VVBOX (SINGLEZONE) TO REMAIN (277/60/1)
5	NEW OR RELOCATED FTB (FAN TERMINAL BOX) - CONTRACTOR SHALL PROVIDE (1) 20AMP 1 POLE 277 VOLT TOGGLE DISCONNECT SWITCH WITH BUSSMANN "HPD" FUSE HOLDER TO BE MOUNTED IN COVER OF 4" SQUARE 2 1/8" DEEP JUNCTION BOX. FUSE FOR MOTORS SHALL BE BASED UPON 125% OF MANUFACTURERS NAMEPLATE FULL LOAD AMPERAGE UNLESS NOTED OTHER WISE ON DRAWINGS. CONNECT NEW UNITS TO EXISTING CIRCUIT SUPPLYING EXISTING "FTB" REMOVED (CONTRACTOR TO VERIFY LOAD ON EXISTING CIRCUIT PRIOR TO ADDING ANY NEW LOADS, ADD NEW 20 AIP CIRCUIT IF REQUIRED.) REFER TO MECH DRAWINGS FOR EXISTING REMOVED "FTB"
6	CONNECT 120V TO NEW EXH. FAN, PROVIDE AND INSTALL FUSTAT CONNECT CONTROLS AS INDICATED BY MECH DRAWINGS.

2

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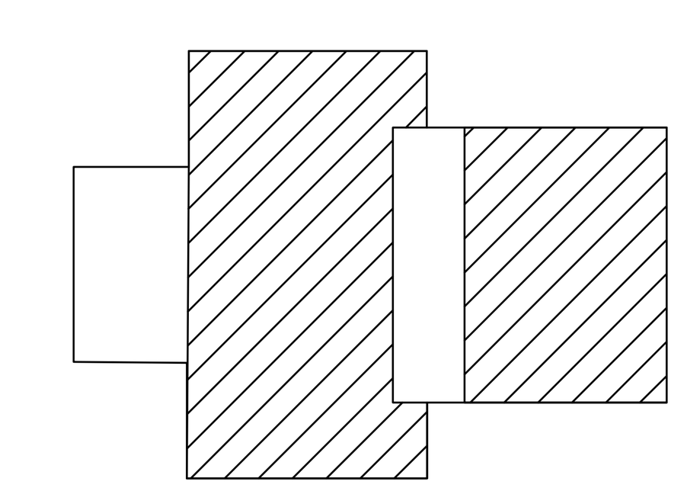
2. FOR ELECTRICAL CONNECTIONS TO ITEMS SUPPLIED BY OTHER CONTRACTORS, SEE EQUIPMENT CONNECTION SCHEDULE.
3. LABEL ALL DEVICE PLATES WITH CIRCUIT DEVICE IS SUPPLY FROM
4. INSTALL SOUND PAD ON ALL DEVICE BOXES BOTH POWER, DATA, LIGHT SWITCHES



KEY PLAN

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PHILIP JOHN VOEGELI
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11701
KANSAS
PROFESSIONAL ENGINEER
8-22

EXPIRES: 04-30-2023

MIDWEST ENGINEERING, INC.
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REVISIONS

2 **08/19/2022 AD1**

PROJECT NUMBER
5278.37

DATE
07 06 2022

3RD FLOOR POWER

E30.1

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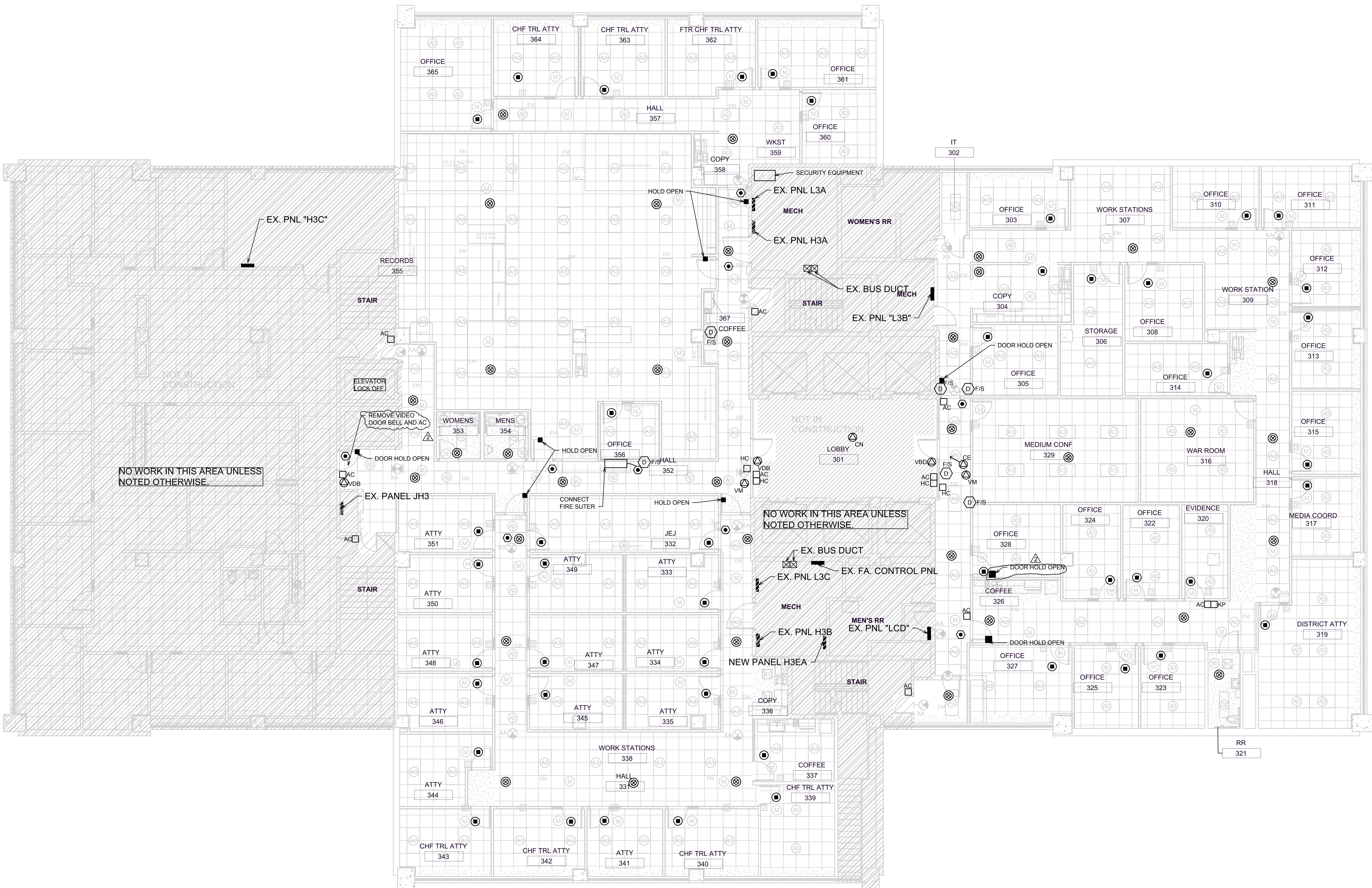

A 3RD FLOOR SPECIAL SYSTEMS

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

0 4' 8' 16'

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

NORTH

SPECIAL SYSTEM SCHEDULE

ICE

SYMBOL	DESCRIPTION	MOUNTING
■ PB	PANIC BUTTON TO COURTHOUSE POLICE	
■	DOOR LOCK BUTTON	
CE	CAMERA EXISTING	CEILING
CN	CAMERA NEW	CEILING
□ KP	KEYPAD	4'-0" TO TOP
□ ML	MAGNETIC LOCK RELEASED ON FIRE ALARM	
□ HC	HANDICAP ASSISTED DOOR	4'-0" TO TOP
VM	VISITOR MONITOR	4'-0" TO TOP
VDB	VIDEO DOOR BELL	4'-0" TO TOP
□ AC	ACCESS CONTROL.	4'-0" TO TOP
◉	FIRE ALARM SPEAKER	CEILING
■	DOOR HOLD OPEN	WALL
⊗	FIRE ALARM SPEAKER AND VISUAL SIGNAL	CEILING
⊠	FIRE ALARM MANUAL STATION	4'-0" TO TOP
⊠	COMB F.A. SPEAKER & VISUAL SIGNAL	WALL 80" AFF
D	DUCT SMOKE DETECTOR	IN DUCT
D F/S	DUCT SMOKE DETECTOR AT FIRE/SMOKE DAMPER	IN DUCT
⊠	FIRE ALARM VISUAL SYMBOL	WALL

NOTES:

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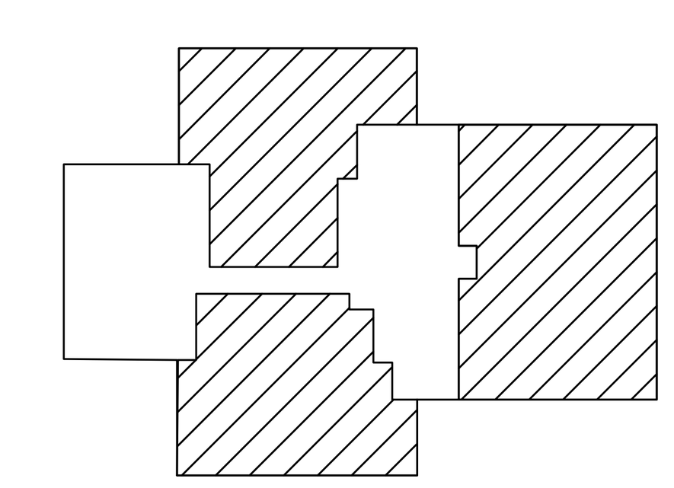
2. FOR ELECTRICAL CONNECTIONS TO ITEMS SUPPLIED BY OTHER CONTRACTORS, SEE EQUIPMENT CONNECTION SCHEDULE.
3. LABEL ALL DEVICE PLATES WITH CIRCUIT DEVICE IS SUPPLY FROM
4. INSTALL SOUND PAD ON ALL DEVICE BOXES BOTH POWER, DATA, LIGHT SWITCHES



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PHILIP JOHN VOEGELI LICENSED 11701 KANSAS PROFESSIONAL ENGINEER

EXPIRES: 04-30-2023

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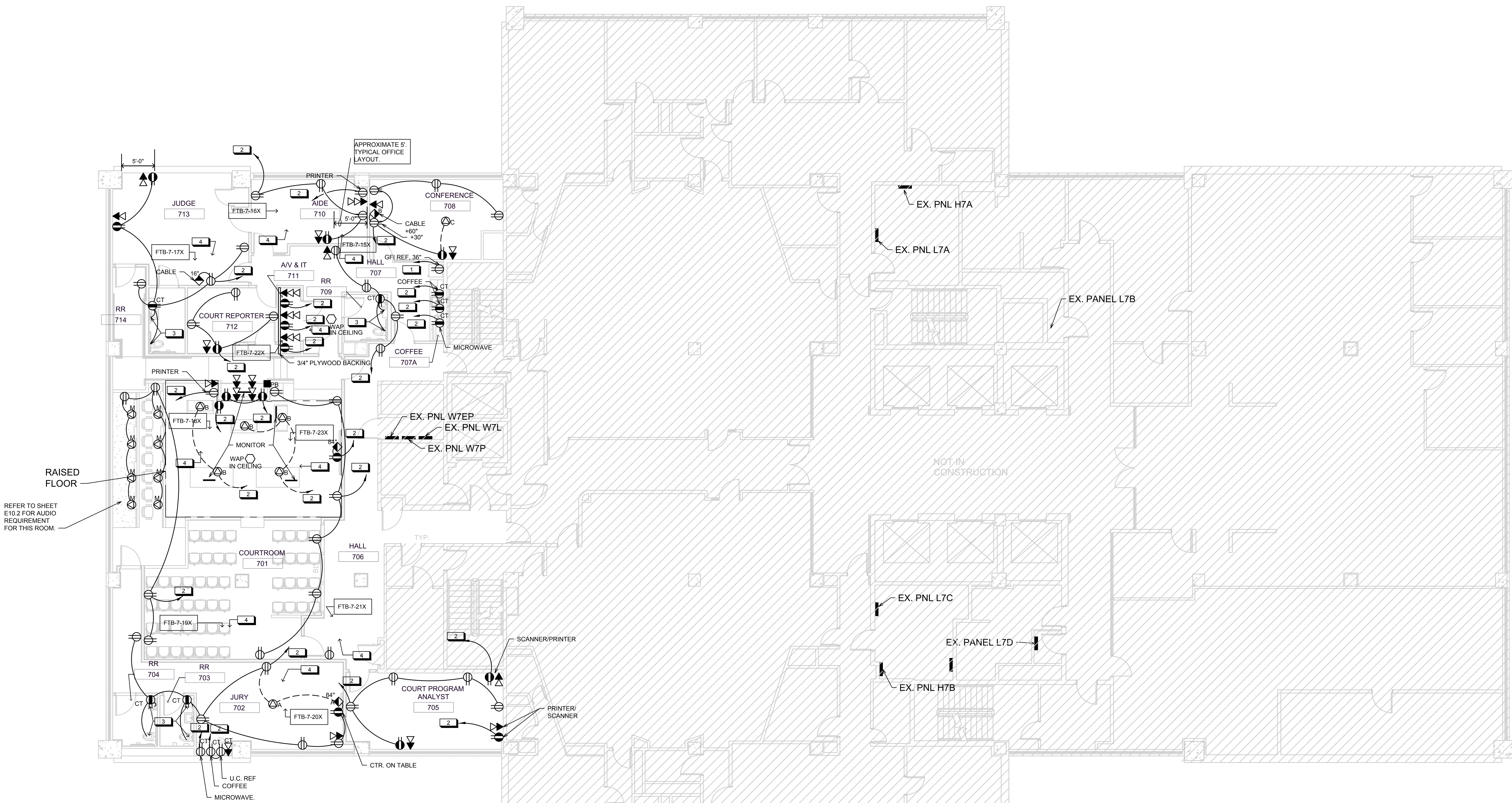
3RD FLOOR SPECIAL SYSTEMS

E30.3



A 7TH FLOOR POWER

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

0 4' 8' 16'

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

NORTH

PLAN NOTES

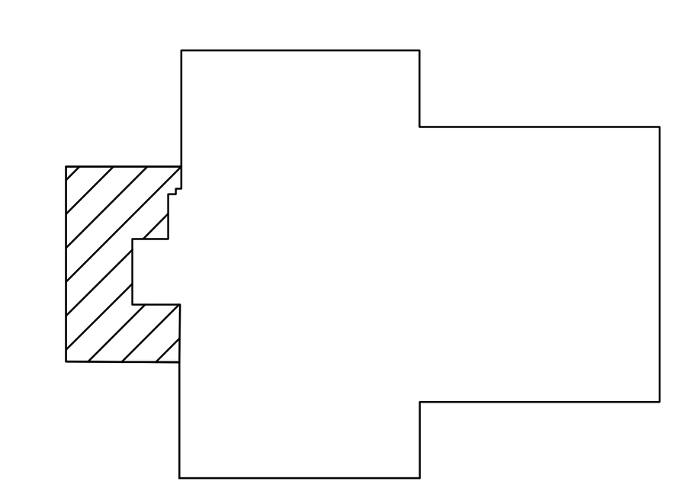
ICE

SYMBOL	DESCRIPTION
1	CONNECT TO NEW 20A. IP. GFI BREAKER IN EXISTING PANEL W7P AFTER REMOVAL OF DEMO POWER OUTLETS
2	TO SPARE 20 A. IP. BREAKER IN PANEL W7P CREATED BY REMOVAL OF EXISTING CIRCUITS IN DEMO AREA.
3	CONNECT TO AUTO FLUSH VALVE OR SINK CONTROLS.
4	EXISTING FTB (FAN TERMINAL BOX) OR VVBOX (SINGLEZONE) TO REMAIN (277/60/1)
5	NEW OR RELOCATED FTB (FAN TERMINAL BOX) - CONTRACTOR SHALL PROVIDE (1) 20AMP 1 POLE 277 VOLT TOGGLE DISCONNECT SWITCH WITH BUSSMANN "HPD" FUSE HOLDER TO BE MOUNTED IN COVER OF 4" SQUARE 2 1/8" DEEP JUNCTION BOX. FUSE FOR MOTORS SHALL BE BASED UPON 125% OF MANUFACTURERS NAMEPLATE FULL LOAD AMPERAGE UNLESS NOTED OTHER WISE ON DRAWINGS. CONNECT NEW UNITS TO EXISTING CIRCUIT SUPPLYING EXISTING "FTB" REMOVED (CONTRACTOR TO VERIFY LOAD ON EXISTING CIRCUIT PRIOR TO ADDING ANY NEW LOADS, ADD NEW 20 AIP CIRCUIT IF REQUIRED.) REFER TO MECH DRAWINGS FOR EXISTING REMOVED "FTB"

2

NOTES:

1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS FOR CLARITY ONLY, CONTRACTOR MAY GROUP SINGLE POLE BRANCH CIRCUITS IN MULTIPLE CIRCUIT HOME RUNS. (3 CIRCUIT MAXIMUM). EACH CIRCUIT WILL REQUIRE A SEPARATE, HOT & NEUTRAL CONDUCTOR. A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL POWER RECEPTACLE, AND LIGHTING CIRCUITS.
2. FOR ELECTRICAL CONNECTIONS TO ITEMS SUPPLIED BY OTHER CONTRACTORS, SEE EQUIPMENT CONNECTION SCHEDULE.
3. LABEL ALL DEVICE PLATES WITH CIRCUIT DEVICE IS SUPPLY FROM
4. INSTALL SOUND PAD ON ALL DEVICE BOXES BOTH POWER, DATA, LIGHT SWITCHES



KEY PLAN

22059.00 - 011

Integrated Consulting Engineers, Inc.
349 South Hydraulic • Wichita, KS 67211
316.264.3588 • 316.264.3948 • www.iconengineers.net

SJCF architecture
sjcf.com
Emprise Center | 257 N. Broadway | Wichita, Kansas 67202 - 2303 | 316.684.0171

PHILIP JOHN VOEGELI LICENSED 11701 KANSAS PROFESSIONAL ENGINEER
[illegible]
8-22
EXPIRES: 04-30-2023

MIDWEST ENGINEERING, INC.
MECHANICAL ENGINEERS
INTEGRATED CONSULTING ENGINEERS, INC.
ELECTRICAL ENGINEERS

Sedgwick County Court House
SG CO COURTHOUSE UPPER FLRS REMODEL
525 N. Main, Wichita, KS, 67203

REVISIONS

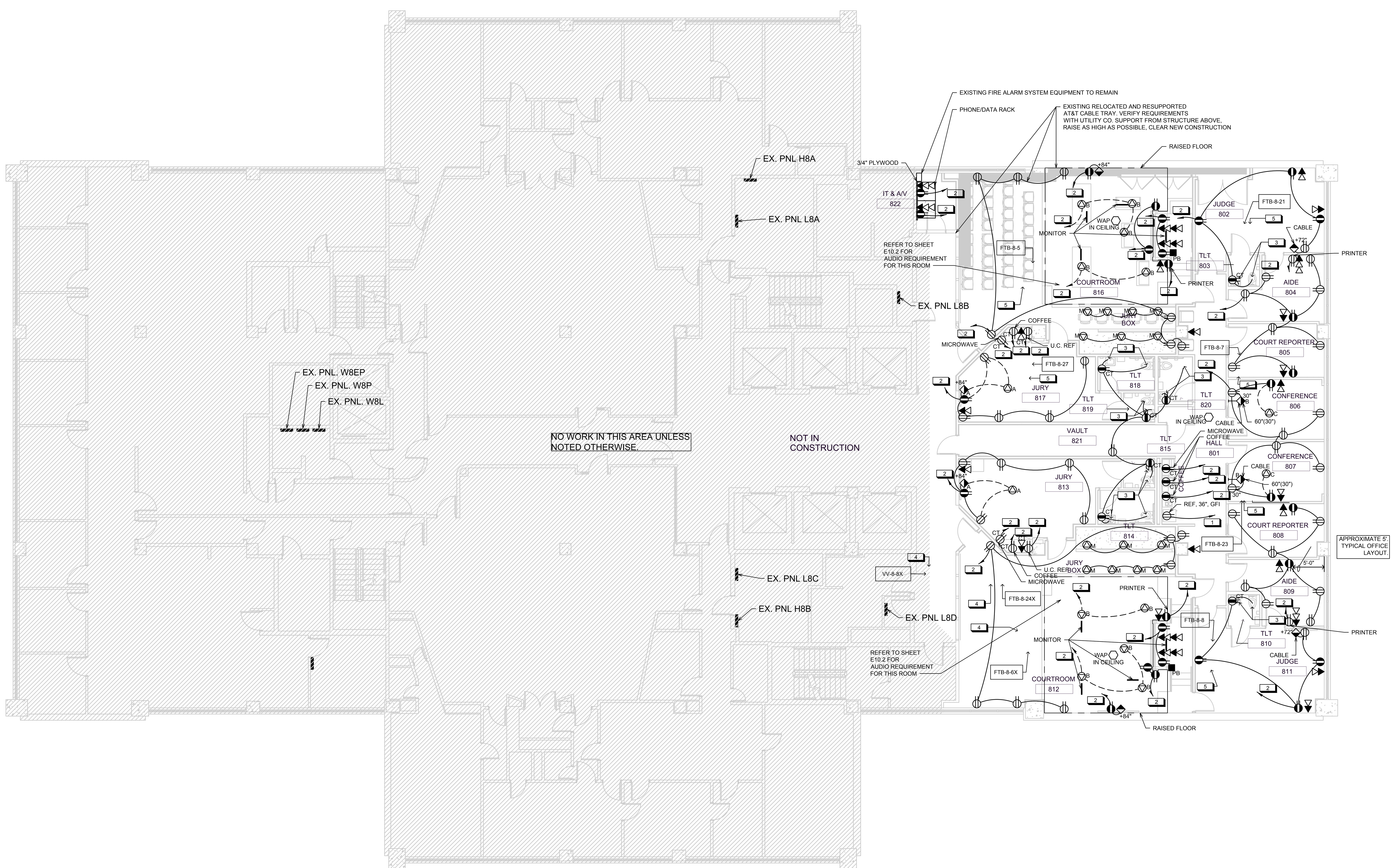
2 **08/19/2022 AD1**

PROJECT NUMBER
5278.37

DATE
07 06 2022

7TH FLOOR POWER

E70.1



PLAN NOTES

ICE

SYMBOL	DESCRIPTION
1	CONNECT TO NEW 20A. IP. GFI BREAKER IN EXISTING PANEL L8A, L8B, L8C OR L8D AFTER REMOVAL OF DEMO POWER OUTLETS
2	TO SPARE 20 A. IP. BREAKER IN PANEL L8A, L8B, L8C, OR L8D CREATED BY REMOVAL OF EXISTING CIRCUITS IN DEMO AREA.
3	CONNECT TO AUTO FLUSH VALVE OR SINK CONTROLS.
4	EXISTING FTB (FAN TERMINAL BOX) OR VVBOX (SINGLEZONE) TO REMAIN (277/60/1)
5	NEW OR RELOCATED FTB (FAN TERMINAL BOX) - CONTRACTOR SHALL PROVIDE (1) 20AMP 1 POLE 277 VOLT TOGGLE DISCONNECT SWITCH WITH BUSSMANN "HPD" FUSE HOLDER TO BE MOUNTED IN COVER OF 4" SQUARE 2 1/8" DEEP JUNCTION BOX. FUSE FOR MOTORS SHALL BE BASED UPON 125% OF MANUFACTURERS NAMEPLATE FULL LOAD AMPERAGE UNLESS NOTED OTHER WISE ON DRAWINGS. CONNECT NEW UNITS TO EXISTING CIRCUIT SUPPLYING EXISTING "FTB" REMOVED (CONTRACTOR TO VERIFY LOAD ON EXISTING CIRCUIT PRIOR TO ADDING ANY NEW LOADS, ADD NEW 20 AIP CIRCUIT IF REQUIRED.) REFER TO MECH DRAWINGS FOR EXISTING REMOVED "FTB"

2

NOTES:

1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS FOR CLARITY ONLY, CONTRACTOR MAY GROUP SINGLE POLE BRANCH CIRCUITS IN MULTIPLE CIRCUIT HOME RUNS. (3 CIRCUIT MAXIMUM). EACH CIRCUIT WILL REQUIRE A SEPARATE, HOT & NEUTRAL CONDUCTOR. A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL POWER RECEPTACLE, AND LIGHTING CIRCUITS.
2. FOR ELECTRICAL CONNECTIONS TO ITEMS SUPPLIED BY OTHER CONTRACTORS, SEE EQUIPMENT CONNECTION SCHEDULE.
3. LABEL ALL DEVICE PLATES WITH CIRCUIT DEVICE IS SUPPLY FROM
4. INSTALL SOUND PAD ON ALL DEVICE BOXES BOTH POWER, DATA, LIGHT SWITCHES

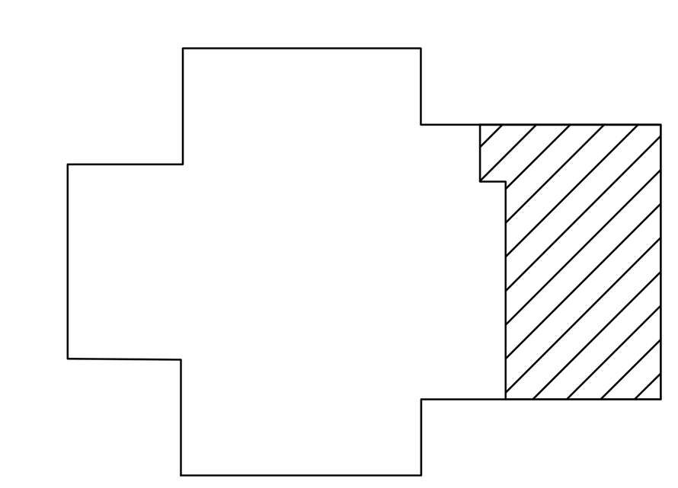
A 8TH FLOOR POWER

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

0 4' 8' 16'

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

NORTH



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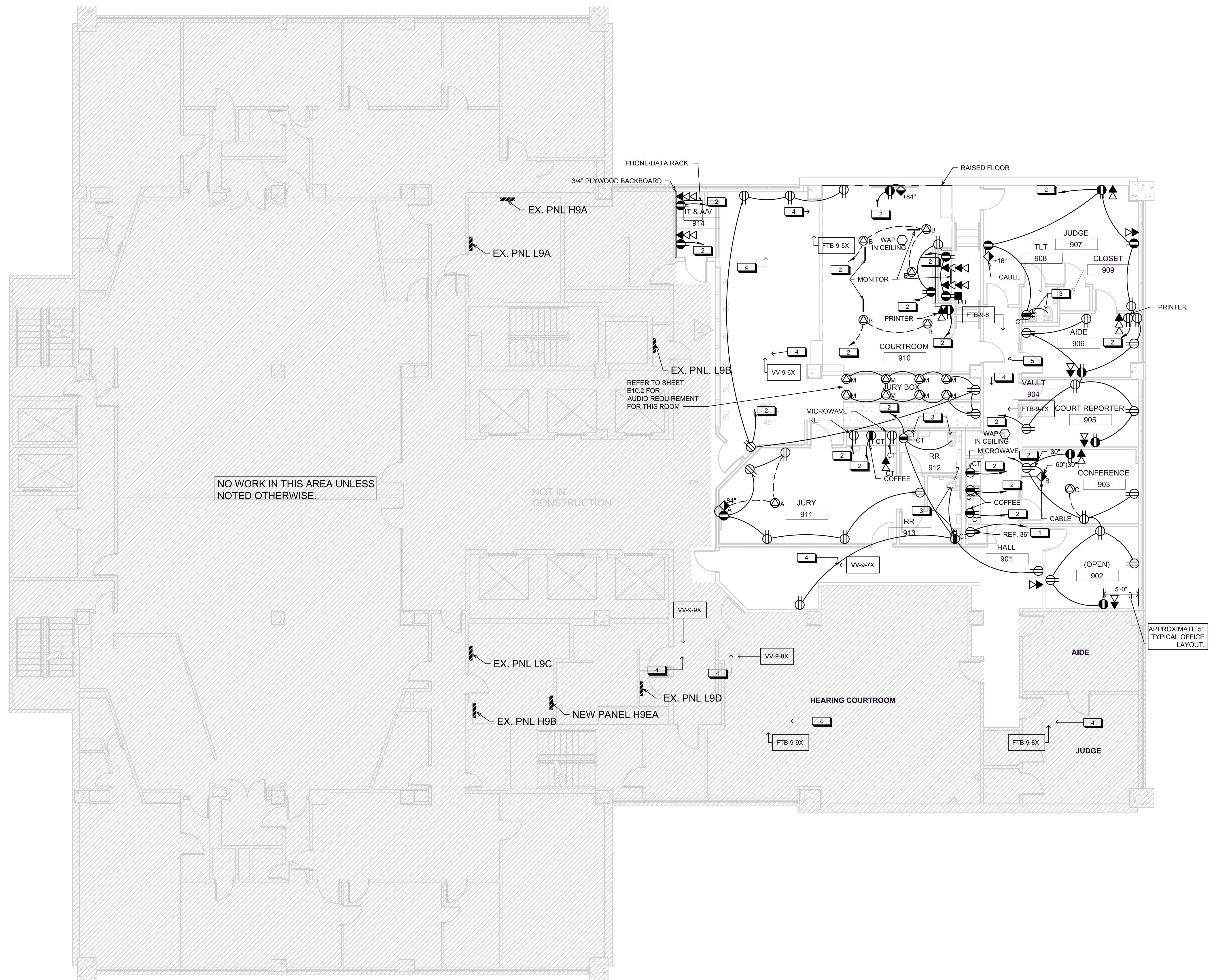
8TH FLOOR POWER

E80.1



A 9TH FLOOR POWER

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

0 4' 8' 16'

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

NORTH

PLAN NOTES

ICE

SYMBOL	DESCRIPTION
1	CONNECT TO NEW 20A. IP. GFI BREAKER IN EXISTING PANEL L9A, L9B, L9C, OR L9D AFTER REMOVAL OF DEMO POWER OUTLETS
2	TO SPARE 20 A. IP. BREAKER IN PANEL L9A, L9B, L9C, OR L9D CREATED BY REMOVAL OF EXISTING CIRCUITS IN DEMO AREA.
3	CONNECT TO AUTO FLUSH VALVE OR SINK CONTROLS.
4	EXISTING FTB (FAN TERMINAL BOX) OR VVBOX (SINGLEZONE) TO REMAIN (277/60/1)
5	NEW OR RELOCATED FTB (FAN TERMINAL BOX) - CONTRACTOR SHALL PROVIDE (1) 20AMP 1 POLE 277 VOLT TOGGLE DISCONNECT SWITCH WITH BUSSMANN "HPD" FUSE HOLDER TO BE MOUNTED IN COVER OF 4" SQUARE 2 1/8" DEEP JUNCTION BOX. FUSE FOR MOTORS SHALL BE BASED UPON 125% OF MANUFACTURERS NAMEPLATE FULL LOAD AMPERAGE UNLESS NOTED OTHER WISE ON DRAWINGS. CONNECT NEW UNITS TO EXISTING CIRCUIT SUPPLYING EXISTING "FTB" REMOVED (CONTRACTOR TO VERIFY LOAD ON EXISTING CIRCUIT PRIOR TO ADDING ANY NEW LOADS, ADD NEW 20 AIP CIRCUIT IF REQUIRED.) REFER TO MECH DRAWINGS FOR EXISTING REMOVED "FTB"

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NOTES:

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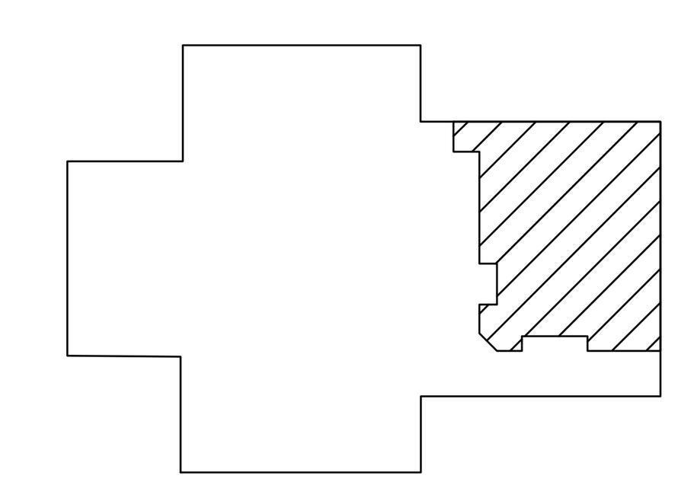

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9TH FLOOR POWER

E90.1