SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE

Date: August 29, 2025

GS# 104-215 Jones Hall Interior Renovations
Mississippi University for Women

Addendum No. 3

This addendum forms part of the Contract Documents for the above referenced project. All other requirements of the original Contract Documents shall remain in effect except as specifically modified in this addendum. Bidder is to acknowledge receipt of this addendum with their bid. Failure to do so may subject the Bidder to disqualification.

1. **Clarifications**
    a. Existing elevators: the existing elevators are functioning, but are in fairly poor working order. The current maintenance contract is with Diversified Elevator. The Contractor is responsible for any additional repairs/upgrades required to the elevators beyond the Contract requirements due to their use of the elevators during the work.
    b. Fire protection and MEP demo work – where sprinkler heads, piping, etc are removed from existing walls in occupied areas, patch CMU with grout prior to prep, prime & paint. In unoccupied areas, fill voids/patch substrates.
    c. See attached Site Plan with proposed contractor fencing and laydown areas in color.
    d. Where existing plantings are removed for demolition work, the contractor shall provide prepped, dressed landscaping beds with soil and pine straw cover as part of the new work.

2. **Specifications**:
    a. Section 00 7339: There is not a minority percentage participation required for the project.
    b. Section 01 8000, 1.01 Work Sequence – the building will NOT be occupied during construction
    c. Section 02 10 40 Disposal of Material – documentation of materials disposed and/or a Waste Management Plan are not required. Follow all Federal, State, and Local ordinances regarding waste disposal.
    d. Section 02 20 00 – Paragraph 2.1: the intent of covered walkways and pedestrian protection is generally to protect immediately adjacent pathways from overhead work. The project will have some site work expected to occur outside of the construction fence, and reasonable pedestrian protection is anticipated (barriers, etc), but it is not anticipated that any protection will be required from overhead work for this project.
    e. Section 10 44 00 Interior Signage – Corridors and Balconies do not require room signage.
    f. Section 14240, 1.02 Summary of Work – this specification is intended to cover the modernization of TWO (2) existing hydraulic passenger elevators.
    g. Revised Spec. 284600 – Fire Detection and Alarm Section 1.05 C.4. Extended the fire alarm maintenance office range from 50 miles to 120 miles.

3. **Drawings**:
    a. A101-A105 – Keynote #11: See New Work Plans for locations of new bulletin boards.
    b. A111-A115: DELETE Keynote 4 on the plans. This note was referencing window coverings and the keynote was removed. Reference General Plan Note 8 and Finish Key for window covering information.
    c. A113: REVISE door number for new door into Quiet Room 328 to 328. 229 references existing door into Storage 229. See Opening Schedule.
    d. A350, Detail 1 – the detail shown for the second floor balcony is typical for all balconies.
    e. A600: see attached full Opening Schedule provided in addition to typical information.
    f. Revise Sheet PD103 and replace with attached Sheet PD103. Revisions included updating note 12 on the demolition sheet to clarify extents of sanitary vent demolition.
    g. Revise Sheet E003 and replace with attached Sheet E003. Revisions included updating grounding and AHU details.
    h. Revise Sheet E006 and replace with attached Sheet E006. Revisions included updating panel L-1C to show the elevator cab lights and exhaust fan circuits. Added more spaces to the panel.
    i. Revise Sheet E007 and replace with attached Sheet E007. Revisions included showing the added NAC fire alarm circuit on panels L-2C and L-3C.
    j. Revise Sheet E008 and replace with attached Sheet E008. Revisions included showing the added NAC fire alarm circuit on panels L-4C and L-5C.
    k. Revise Sheet E009 and replace with attached Sheet E009. Revisions included adding more notes to the partial riser diagram to provide clarity of keynotes.
    l. Revise Sheet E301 and replace with attached Sheet E301. Revisions included adding disconnects and sheet keynotes for both elevator cab lights and elevator exhaust fan. The existing elevator disconnects have now been removed and replaced with new and the keynotes are updated to reflect the changes. Added keynote “I” to cover the auxiliary systems responsibilities. Added GFCI receptacles to the elevator shaft and elevator machine room.
    m. Revise Sheet E302 and replace with attached Sheet E302. Revisions include adding NAC fire alarm panel to mechanical room.
    n. Revise Sheet E303 and replace with attached Sheet E303. Revisions include adding NAC fire alarm panel to mechanical room.
    o. Revise Sheet E304 and replace with attached Sheet E304. Revisions include adding NAC fire alarm panel to mechanical room.
    p. Revise Sheet E305 and replace with attached Sheet E305. Revisions include adding NAC fire alarm panel to mechanical room.
    q. Revise Sheet E402 and replace with attached Sheet E402. Revisions include adding NAC fire alarm panel to mechanical room.
    r. Revise Sheet E403 and replace with attached Sheet E403. Revisions include adding NAC fire alarm panel to mechanical room.
    s. Revise Sheet E404 and replace with attached Sheet E404. Revisions include adding NAC fire alarm panel to mechanical room.
    t. Revise Sheet E405 and replace with attached Sheet E405. Revisions include adding NAC fire alarm panel to mechanical room.

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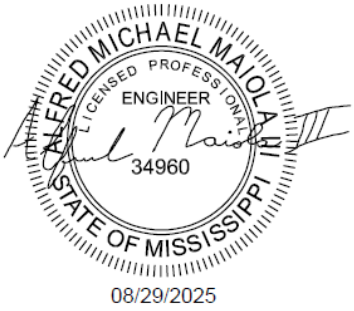
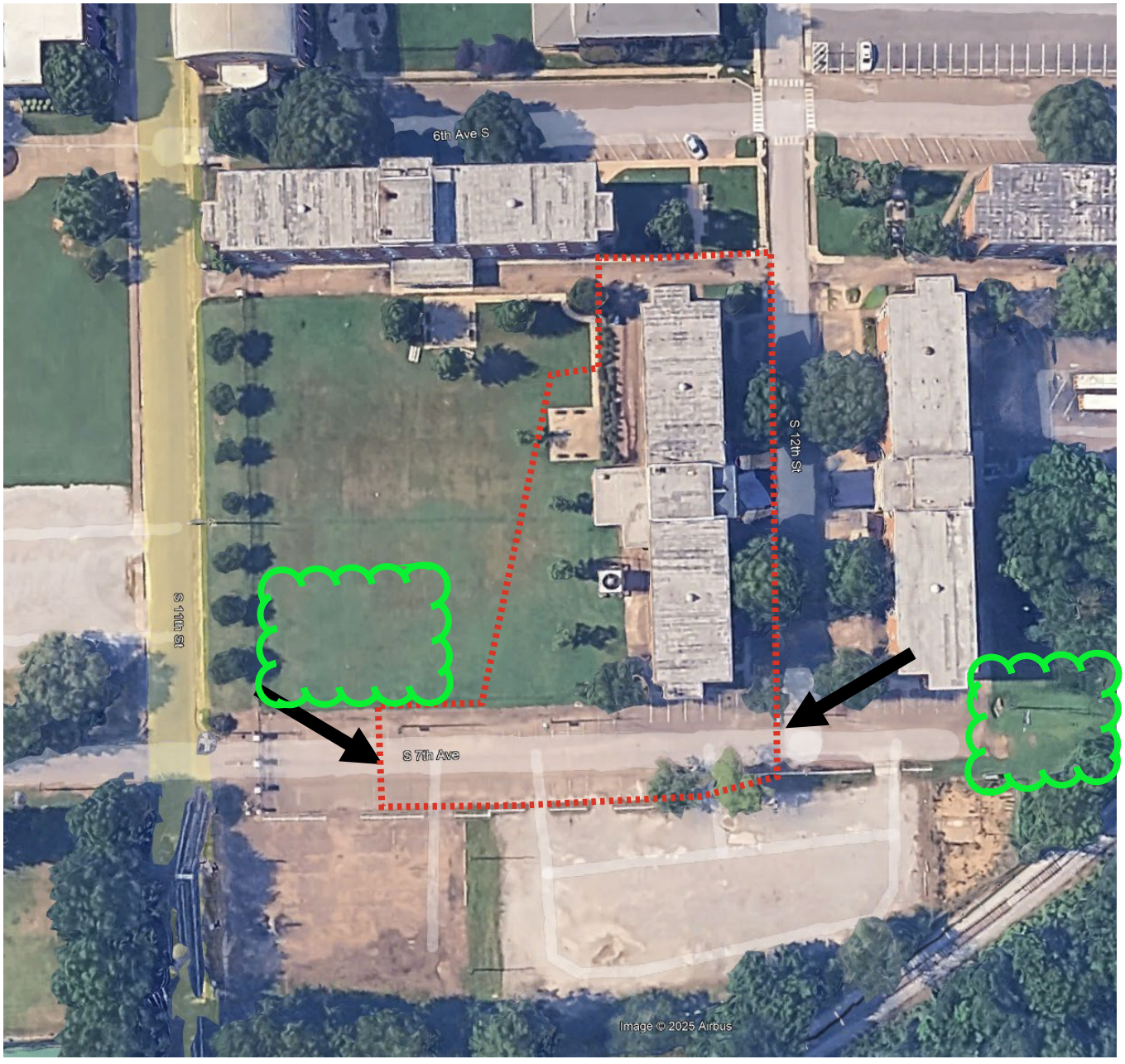
Approval of a Manufacturer or product as an "equal" does not in any way alter the Contract Documents. Any approved manufacturer must accommodate construction details, required finishes, owner's specific requirements, adjacent materials, etc. Any additional materials or components required by the "approved equal" for proper installation for the given conditions are the responsibility of the Contractor. Approval of a Manufacturer also shall not cause an up-charge for the desired finish or limit the choices of finishes, colors, materials, etc. Field measurement of existing conditions for the installation of items is the responsibility of the Contractor.

Contents: This addendum consists of **22** (8 ½" x 11") sheets, **10** (11"x17") sheets, and **15** (24" x 36") drawings - (including this page).

End of Addendum No. 3 for: Jones Hall Interior Renovations



SITE PLAN: Fencing extents and contractor access



Approximate extents of contractor fencing shown in red on aerial above. Contractor may park inside the fence.
Black arrows are existing gate at SW that may be used by contractor – maintain access for campus police, and proposed contractor gate at SE corner.
Areas clouded in green are proposed laydown for a separate contract (chiller project).
Note that 12th street will be maintained for clear access to adjacent buildings and parking lot south of the site utilized by students.
MUW will allow use of gate at street. MUW campus police requires double lock for police access into fenced area.

SECTION 284600

FIRE DETECTION AND ALARM

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Fire alarm system design and installation, including all components, wiring, and conduit.

B. Transmitters for communication with supervising station.

C. Replacement and removal of existing fire alarm system components, wiring, and conduit indicated.

1.02 RELATED REQUIREMENTS

A. Section 260500- Common Work Results for Electrical Systems

B. Section 260519- Low-Voltage Electrical Power Conductors and Cables

C. Section 260526- Grounding and Bonding for Electrical Systems

D. Section 260533.13 Conduit for Electrical Systems

E. Section 260533.16 Boxes for Electrical Systems

F. Section 260553 – Identification for Electrical Systems.

1.03 REFERENCE STANDARDS

A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines current edition.

B. ADA Standards - 2010 ADA Standards for Accessible Design 2010.

C. IEEE C62.41.2 - IEEE Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and less) AC Power Circuits 2002 (Corrigendum 2012).

D. NFPA 70 - National Electrical Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

E. NFPA 72 - National Fire Alarm and Signaling Code Most Recent Edition Cited by Referring Code or Reference Standard.

F. NFPA 76 - Standard for the Fire Protection of Telecommunications Facilities 2020.

G. NFPA 101 - Life Safety Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

H. NFPA 601 - Standard for Security Services in Fire Loss Prevention 2020.

I. NFPA 1221- Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems.

J. UL 38 – Standard for Manual Signaling Boxes for Fire Alarm Systems

K. UL 268 - Standard for Smoke Detectors for Fire Alarm Systems Current Edition, Including All Revisions.

L. UL 1480 - Speakers for Fire Alarm and Signaling Systems

1.04 SUBMITTALS

A. Proposal Documents: Submit the following with cost/time proposal:
   1. NFPA 72 "Record of Completion", filled out to the extent known at the time.
   2. Manufacturer's detailed data sheet for each control unit, initiating device, and notification appliance.
   3. Certification by Contractor that the system design will comply with Contract Documents.
   4. Proposed maintenance contract.

B. Drawings must be prepared using AutoCAD Release 2010 or Newer.

1. Owner will provide floor plan drawings for Contractor's use; verify all dimensions on Owner-provided drawings.

C. Evidence of designer qualifications.

D. Design Documents: Submit all information required for plan review and permitting by authorities having jurisdiction, including but not limited to floor plans, riser diagrams, and description of operation:
   1. Copy (if any) of list of data required by authority having jurisdiction.
   2. NFPA 72 "Record of Completion", filled out to the extent known at the time.
   3. Clear and concise description of operation, with input/output matrix like that shown in NFPA 72 Appendix A-7-5-2.2(9), and complete listing of software required.
   4. System zone boundaries and interfaces to fire safety systems.
   5. Location of all components, circuits, and raceways; mark components with identifiers used in control unit programming.
   6. Circuit layouts; number, size, and type of raceways and conductors; conduit fill calculations; spare capacity calculations; notification appliance circuit voltage drop calculations.
   7. List of all devices on each signaling line circuit, with spare capacity indicated.
   8. Manufacturer's detailed data sheet for each component, including wiring diagrams, installation instructions, and circuit length limitations.
   9. Description of power supplies; if secondary power is by battery include calculations demonstrating adequate battery power.
   10. Detailed drawing of graphic annunciator(s).
   11. Certification by either the manufacturer of the control unit or by the manufacturer of each other component that the components are compatible with the control unit.
   12. Certification by the manufacturer of the control unit that the system design complies with Contract Documents.
   13. Certification by Contractor that the system design complies with Contract Documents.
   14. Do not show existing components to be removed.

E. Evidence of installer qualifications.

F. Evidence of instructor qualifications; training lesson plan outline.

G. Inspection and Test Reports:
   1. Submit inspection and test plan prior to closeout demonstration.
   2. Submit documentation of satisfactory inspections and tests.
   3. Submit NFPA 72 "Inspection and Test Form," filled out.

H. Operating and Maintenance Data: have one set available during closeout demonstration:
   1. Original copy of NFPA 72 with portions that are not relevant to this project neatly crossed out by hand; label with project name and date.
   2. Complete set of specified design documents, as approved by authority having jurisdiction.
   3. Additional printed set of project record documents and closeout documents, bound or filed in same manuals.
   4. List of recommended spare parts, tools, and instruments for testing.
   5. Replacement parts list with current prices, and source of supply.
   6. Detailed troubleshooting guide and large scale input/output matrix.
   7. Preventive maintenance, inspection, and testing schedule complying with NFPA 72; provide printed copy and computer format acceptable to Owner.
   8. Detailed but easy to read explanation of procedures to be taken by non-technical administrative personnel in the event of system trouble, when routine testing is being conducted, for fire drills, and when entering into contracts for remodeling.

I. Project Record Documents: have one set available during closeout demonstration:
   1. Complete set of floor plans showing actual installed locations of components, conduit, and zones.
   2. "As installed" wiring and schematic diagrams, with final terminal identifications.

3. "As programmed" operating sequences, including control events by device, updated input/output chart, and voice messages by event.

J. Closeout Documents:
1. Certification by manufacturer that the system has been installed in compliance with manufacturer's installation requirements, is complete, and is in satisfactory operating condition.
2. NFPA 72 "Record of Completion", filled out completely and signed by installer and authorized representative of authority having jurisdiction.
3. Certificate of Occupancy.
4. Report on training results.

K. Maintenance Materials, Tools, and Software: Furnish the following for Owner's use in maintenance of project.
1. Furnish spare parts of same manufacturer and model as those installed; deliver in original packaging, labeled in same manner as in operating and maintenance data and place in spare parts cabinet.
2. In addition to the items in quantities indicated in PART 2, furnish the following:
a. All tools, software, and documentation necessary to modify the fire alarm system using Owner's personnel; minimum modification capability to include addition and deletion of devices, circuits, and zones, and changes to system description, operation, and evacuation and instructional messages.
b. One copy, on CD-ROM, of all software not resident in read-only-memory.
c. Extra Fuses: Two for each installed fuse; store inside applicable control cabinet.

1.05 QUALITY ASSURANCE

A. Copies of Design Criteria Documents: Maintain at the project site for the duration of the project, bound together, an original copy of NFPA 72, the relevant portions of applicable codes, and instructions and guidelines of authorities having jurisdiction; deliver to Owner upon completion.

B. Designer Qualifications: NICET Level III or IV (3 or 4) certified fire alarm technician or registered fire protection engineer, employed by fire alarm control panel manufacturer, Contractor, or installer, with experience designing fire alarm systems in the jurisdictional area of the authorities having jurisdiction.

C. Installer Qualifications: Firm with minimum 3 years documented experience installing fire alarm systems of the specified type and providing contract maintenance service as a regular part of their business.
1. Authorized representative of control unit manufacturer; submit manufacturer's certification that installer is authorized; include name and title of manufacturer's representative making certification.
2. Installer Personnel: At least 2 years of experience installing fire alarm systems.
3. Supervisor: NICET level III or IV (3 or 4) certified fire alarm technician; furnish name and address.
4. Contract maintenance office located within 120 miles of project site.
5. Certified in the State in which the Project is located as fire alarm installer.

D. Instructor Qualifications: Experienced in technical instruction, understanding fire alarm theory, and able to provide the required training; trained by fire alarm control unit manufacturer.

E. Product Listing Organization Qualifications: An organization recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL) and acceptable to authorities having jurisdiction.

1.06 WARRANTY

A. Provide control panel manufacturer's warranty that system components other than wire and conduit are free from defects and will remain so for 1 year after date of Substantial Completion.

B. Provide installer's warranty that the installation is free from defects and will remain so for 1 year after date of Substantial Completion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Fire Alarm Control Units, Initiating Devices and Notification Appliances, and Accessories:
   1. Honeywell Security & Fire Solutions/Notifier.
   2. Siemens Building Technologies, Inc.
   3. Edwards
   4. Provide control units made by the same manufacturer.

B. Substitutions:
   1. For other acceptable manufacturers of control units specified, submit product data showing equivalent features and compliance with Contract Documents.
   2. For substitution of products by manufacturers not listed, submit product data showing features and certification by Contractor that the design will comply with Contract Documents.

2.02 FIRE ALARM SYSTEM

A. Fire Alarm System: Provide a new fire detection and alarm system:
   1. Provide all components necessary, regardless of whether shown in Contract Documents or not.
   2. Protected Premises: Entire building shown on drawings.
   3. Comply with the following; where requirements conflict, order of precedence of requirements is as listed:
      a. ADA Standards.
      b. The requirements of the State Fire Marshal.
      c. The requirements of the local authority having jurisdiction.
      d. Applicable local codes.
      e. Contract Documents (drawings and specifications).
      f. NFPA 101.
      g. NFPA 72; where the word "should" is used consider that provision mandatory; where conflicts between requirements require deviation from NFPA 72, identify deviations clearly on design documents.
   4. Initiation: Manual and Automatic.
   5. Notification: Provide audible and visual alarm
   6. Program notification zones and voice messages as directed by Owner.
   7. Hearing Impaired Occupants: Provide visible notification devices in all common public areas. Comply with the requirements of the ADA.
   8. Fire Alarm Control Unit: Location indicated on the Drawings.
   9. Reporting to Supervising Station: Dedicated leased telephone lines for connection to a monitoring company service via digital alarm communication transmitter (DACT)
   10. Combined Systems: Do not combine fire alarm system with other non-fire systems.

B. Supervising Stations and Fire Department Connections:
   1. Public Fire Department Notification: By on-premises supervising station.
   2. Remote Supervising Station: UL-listed central station under contract to facility.
   3. Means of Transmission to Remote Supervising Station: Digital alarm communicator transmitter (DACT), 2 dedicated leased telephone lines.
   4. Means of Transmission to Remote Supervising Station: Via cellular dialer.

C. Circuits:
   1. Initiating Device Circuits (IDC): Class A.
   2. Signaling Line Circuits (SLC)Within Single Building: Class A.
   3. Signaling Line Circuits (SLC) Between Buildings: Class A, Style 2.
   4. Notification Appliance Circuits (NAC): Class A.

D. Spare Capacity:
   1. Initiating Device Circuits: Minimum 25 percent spare capacity.

2. Notification Appliance Circuits: Minimum 25 percent spare capacity.
3. Fire Alarm Control Units: Capable of handling all circuits utilized to capacity without requiring additional components other than plug-in control modules.

E. Power Sources:
1. Primary: Dedicated branch circuits of the facility power distribution system.
2. Secondary: Storage batteries.
3. Capacity: Sufficient to operate entire system for period specified by NFPA 72 for minimum 24 hours standby condition and 15 minutes of alarm condition.
4. Each Computer System: Provide uninterruptible power supply (UPS).

2.03 FIRE SAFETY SYSTEMS INTERFACES

A. Supervision: Provide supervisory signals in accordance with NFPA 72 for the following:
1. Sprinkler water control valves.
2. Elevator shut-down control circuits.

B. Alarm: Provide alarm initiation in accordance with NFPA 72 for the following:
1. Sprinkler water flow.
2. Kitchen hood suppression activation; also disconnect fuel source from cooking equipment.
3. Elevator lobby, elevator hoistway, and elevator machine room smoke detectors.
4. Duct smoke detectors.

C. Elevators:
1. Elevator lobby, hoistway, and machine room smoke detectors: Elevator recall for fire fighters' service.
2. Elevator Machine Room Heat Detector: Shut down elevator power prior to hoistway sprinkler activation.
3. Sprinkler pressure or waterflow: Shut down elevator power prior to hoistway sprinkler activation.

D. HVAC:
1. Duct Smoke Detectors: Close dampers indicated; shut down air handlers indicated.

E. Doors:
1. Smoke Barrier Door Magnetic Holders: Release upon activation of smoke detectors in smoke zone on either side of door, upon alarm from manual pull station on same floor, and upon sprinkler activation on same floor. Refer to Section 087100.
2. Electromagnetic Door Locks on Egress Doors: Unlock upon activation of any alarm initiating device or suppression system in smoke zone that doors serve as egress from. Refer to Section 087100.

F. Addressable Devices:
1. Addressable devices shall use simple to install and maintain decade, decimal address switches. Devices shall be capable of being set to an address in a range of 001 to 159.
2. Addressable devices, which use a binary-coded address setting method, such as a dip-switch, are not an allowable substitute. Addressable devices that require the address be programmed using a special tool or programming utility are not an allowable substitute.
3. Detectors shall be intelligent (analog) and addressable and shall connect with two wires to the fire alarm control panel signaling line circuits.
4. Addressable smoke and thermal detectors shall provide dual alarm and power/polling LEDS Both LEDS shall flash green under normal conditions, indicating that the detector is operational and in regular communication with the control panel, and both LEDS shall be placed into steady red illumination by the control panel, indicating that an alarm condition has been detected. If required, the led flash shall have the ability to be removed from the system program. An output connection shall also be provided in the base to connect an external remote alarm led.

5. The fire alarm control panel shall permit detector sensitivity adjustment through field programming of the system. The panel on a time-of-day basis shall automatically adjust sensitivity.
6. Using software in the FACP, detectors shall automatically compensate for dust accumulation and other slow environmental changes that may affect their performance. The detectors shall be listed by UL as meeting the calibrated sensitivity test requirements of NFPA 72.
7. The detectors shall be ceiling-mount and shall include a separate twist-lock base with tamper proof feature. Base options shall include a sounder base with a built-in (local) sounder rated at 85 dba minimum, a relay base and an isolator base designed for style 7 applications.

2.04 COMPONENTS

A. General:
   1. Provide flush mounted units where installed in finish areas; in unfinished areas, surface mounted unit are acceptable.
   2. Provide legible, permanent labels for each control device, using identification used in operation and maintenance data.

B. Fire Alarm Control Units: Analog, addressable type; listed, classified, and labeled as suitable for the purpose intended.

C. Addressable Fire Alarm Control Unit:
   1. System Capacity: 4,064 addresses; six notification appliance circuits (NACs), expandable to 192; four input/output (I/O) circuits; 1,500 software zones.
   2. Features: Strobe synchronization; dedicated alarm, supervisory and trouble relays; 4,000 event history buffer; built-in IP communicator; Ethernet port for programming and network connectivity; e-mail system status, reports and event information.

D. Addressable Modules:
   1. Provide addressable modules suitable for connection to fire alarm control unit signaling line circuits.
   2. Unless otherwise indicated, use addressable modules only in clean, dry, indoor, nonhazardous locations.
   3. Monitor Modules: Unless devices are explicitly permitted to be connected together as zone, provide separate addressable monitor module for each conventional dry-contact input device in order to be individually identifiable by addressable fire alarm control unit.
   4. Control Modules: Provide as indicated or as required for selective control of notification appliances.
   5. Releasing Control Modules: Provide as indicated or as required for control of listed solenoids in releasing applications.
   6. Relay Modules: Provide as indicated or as required to perform necessary functions via dry-contact interface. Where load exceeds module contact rating, provide accessory power isolation relays suitable for load as required.
   7. Signaling Line Circuit (SLC) Isolating Modules: Provide as indicated or as required to automatically isolate short circuits on connected sections of SLC loops and allow other sections to continue to function normally. Provide automatic reset upon correction of short circuit.
   8. Products:
      a. Ruskin Company; ADC105 Addressable Damper Controller for Simplex Panels: www.ruskin.com/#sle.

E. Initiating Devices:
   1. Addressable Systems:
      a. Addressable Devices: Individually identifiable by addressable fire alarm control unit.
      b. Provide suitable addressable interface modules as indicated or as required for connection to conventional (non-addressable) devices and other components that provide a dry closure output.

F. Manual Pull Stations: Comply with UL 38. Boxes shall be finished in red with molded, raised-letter operating instructions in contrasting color; shall show visible indication of operation; and shall be mounted on recessed outlet box. If indicated as surface mounted, provide manufacturer's surface back box.
   1. Double-action mechanism requiring two actions to initiate an alarm, pull-lever type; with integral or attached addressable module arranged to communicate manual-station status (normal, alarm, or trouble) to fire-alarm control unit.
   2. Station Reset: Key- or wrench-operated switch.

G. System Smoke Detectors
   1. General Requirements for System Smoke Detectors:
      a. Comply with UL 268, current accepted edition operating at 24-V dc, nominal.
      b. Detectors shall be two-wire type,
      c. Integral Addressable Module: Arranged to communicate detector status (normal, alarm, or trouble) to fire-alarm control unit.
      d. Base Mounting: Detector and associated electronic components shall be mounted in a twist-lock module that connects to a fixed base. Provide terminals in the fixed base for connection to building wiring.
      e. Self-Restoring: Detectors do not require resetting or readjustment after actuation to restore them to normal operation.
      f. Integral Visual-Indicating Light: LED type, indicating detector has operated and communication status.
      g. Remote Control: Unless otherwise indicated, detectors shall be digital-addressable type, individually monitored at fire-alarm control unit for calibration, sensitivity, and alarm condition and individually adjustable for sensitivity by fire-alarm control unit.
      h. Rate-of-rise temperature characteristic of combination smoke- and heat-detection units shall be selectable at fire-alarm control unit for 15 or 20 deg F (8 or 11 deg C) per minute.
      i. Fixed-temperature sensing characteristic of combination smoke- and heat-detection units shall be independent of rate-of-rise sensing and shall be settable at fire-alarm control unit to operate at 135 or 155 deg F (57 or 68 deg C).
      j. Multiple levels of detection sensitivity for each sensor.
      k. Sensitivity levels based on time of day.
      l. If any specialized equipment must be used to program any function of the smoke detector devices, then one must be furnished as part of the system.

H. Photoelectric Smoke Detectors
   1. Detector address shall be accessible from fire-alarm control unit and shall be able to identify the detector's location within the system and its sensitivity setting.
   2. An operator at fire-alarm control unit, having the designated access level, shall be able to manually access the following for each detector including primary status, device type, present average value, present sensitivity selected, and sensor range (normal, dirty, etc).

I. Duct Smoke Detectors: Photoelectric type complying with UL 268A
   1. Detector address shall be accessible from fire-alarm control unit and shall be able to identify the detector's location within the system and its sensitivity setting.
   2. An operator at fire-alarm control unit, having the designated access level, shall be able to manually access the following for each detector including primary status, device type, present average value, present sensitivity selected, and sensor range (normal, dirty, etc),
   3. Weatherproof Duct Housing Enclosure: NEMA 250, Type 4X; NRTL listed for use with the supplied detector for smoke detection in HVAC system ducts.
   4. Each sensor shall have multiple levels of detection sensitivity.
   5. Sampling Tubes: Design and dimensions as recommended by manufacturer for specific duct size, air velocity, and installation conditions where applied.
   6. Auxiliary function control is to be by discrete addressable control relay.

J. Carbon Monoxide Detectors

1. General: Carbon monoxide detector listed for connection to fire-alarm system.
2. Mounting: Adapter plate for outlet box mounting.
    a. Testable by introducing test carbon monoxide into the sensing cell.
    b. Detector shall provide alarm contacts and trouble contacts.
    c. Detector shall send trouble alarm when nearing end-of-life, power supply problems, or internal faults.
    d. Comply with UL 2075.
    e. Locate, mount, and wire according to manufacturer's written instructions.
    f. Provide means for addressable connection to fire-alarm system.
    g. Test button simulates an alarm condition.

K. Multi-Criteria Detectors
1. Mounting: Adapter plate for outlet box mounting or Twist-lock base interchangeable with smoke-detector bases.
2. Integral Addressable Module: Arranged to communicate detector status (normal, alarm, or trouble) to fire-alarm control unit.
3. Automatically adjusts its sensitivity by means of drift compensation and smoothing algorithms. The detector shall send trouble alarm if it is incapable of compensating for existing conditions.
4. Test button tests all sensors in the detector.
5. An operator at fire-alarm control unit, having the designated access level, shall be able to manually access the following for each detector including primary status, device type, present sensitivity selected, and sensor range (normal, dirty, etc.).
6. Sensors: The detectors shall comply with UL 268 7th edition.

L. Heat Detectors
1. General Requirements for Heat Detectors: Comply with UL 521.
    a. Temperature sensors shall test for and communicate the sensitivity range of the device.
    b. Heat Detector, Combination Type: Actuated by either a fixed temperature of 135 deg F (57 deg C) or a rate of rise that exceeds 15 deg F (8 deg C) per minute unless otherwise indicated.
        1) Adapter plate for outlet box mounting or Twist-lock base interchangeable with smoke-detector bases.
        2) Integral Addressable Module: Arranged to communicate detector status (normal, alarm, or trouble) to fire-alarm control unit.
    c. Heat Detector, Fixed-Temperature Type: Actuated by temperature that exceeds a fixed temperature of 190 deg F (88 deg C).
        1) Mounting: Adapter plate for outlet box mounting or Twist-lock base interchangeable with smoke-detector bases.
        2) Integral addressable Module: Arranged to communicate detector status (normal, alarm, or trouble) to fire-alarm control unit.
    d. Continuous Linear Heat-Detector System:
        1) Detector Cable: Rated detection temperature 155 deg F (68 deg C). Listed for "regular" service and a standard environment. Cable includes two steel a actuator wires twisted together with spring pressure, wrapped with protective tape, and finished with PVC outer sheath. Each actuator wire is insulated with heat-sensitive material that reacts with heat to allow the cable twist pressure to short circuit wires at the location of elevated temperature.
        2) Control Unit: Two-zone or multizone unit as indicated. Provide same system power supply, supervision, and alarm features as specified for fire-alarm control unit.
        3) Signals to Fire-Alrm Control Unit: Any type of local system trouble shall be reported to fire-alarm control unit as a composite "trouble" signal. Alarms on each detection zone shall be individually reported to central fire-alarm control unit as separately identified zones.

4) Integral Addressable Module: Arranged to communicate detector status (normal, alarm, or trouble) to fire-alarm control unit.

2. Designers and panel / pipe installers shall have OEM certifications included in the submittal package.
3. General Description:
   a. Provide two levels of alarm from each zone covered by the detector and two supervisory levels of alarm from each detector.
   b. Provide two levels of alarm from each zone covered by the detector and two supervisory levels of alarm from each detector.
   c. Provide two levels of alarm from each zone covered by the detector and two supervisory levels of alarm from each detector.
   d. Detectors shall have the capability via RS 485 to connect up to 100 detectors in a network.
      1) (5) Detectors shall communicate with the fire-alarm control unit via addressable, monitored dry contact closures, RS 485, and interface modules. Provide a minimum of six relays, individually programmable remotely for any function.
      2) (6) Pipe airflow balancing calculations shall be performed using approved calculation software.

M. Notification Appliances
1. General Requirements for Notification Appliances: Individually addressed, connected to a signaling-line circuit, equipped for mounting as indicated, and with screw terminals for system connections.
2. General Requirements for Notification Appliances: Connected to notification-appliance signal circuits, zoned as indicated, equipped for mounting as indicated, and with screw terminals for system connections.
3. Combination Devices: Factory-integrated audible and visible devices in a single-mounting assembly, equipped for mounting as indicated, and with screw terminals for system connections.
4. Horns: Electric-vibrating-polarized type, 24-V dc; with provision for housing the operating mechanism behind a grille. Comply with UL 464. Horns shall produce a sound-pressure level of 90 dBA, measured 10 feet (3 m) from the horn, using the coded signal prescribed in UL 464 test protocol.
5. Visible Notification Appliances: visuals complying with UL 1971, with clear or nominal white polycarbonate lens mounted on an aluminum faceplate. The word "FIRE" is engraved in minimum 1-inch- (25-mm-) high letters on the lens.
   a. Rated Light Output: 15/30/5/110/177 per drawings and field selectable.
   b. Mounting: Wall mounted unless otherwise indicated.
6. Dedicated, two-way, supervised, telephone voice communication links between fire-alarm control unit, the fire command center, and remote firefighters' telephone stations. Supervised telephone lines shall be connected to talk circuits by controls in a control module. Provide the following:
   a. Common-talk type for firefighter use only.
   b. Selective-talk type for use by firefighters and fire wardens.

N. Graphic Annunciator
1. Graphic Annunciator Panel: Mounted in an aluminum frame with nonglare, minimum 3/16-inch- (4.76-mm-) thick, clear acrylic cover over graphic representation of the facility. Detector locations shall be represented by red LED lamps. Normal system operation shall be indicated by a lighted, green LED. Trouble and supervisory alarms shall be represented by an amber LED.
2. Comply with UL 864.
3. Operating voltage shall be 24-V dc provided by a local 24-V power supply provided with the annunciator.
4. Include built-in voltage regulation, reverse polarity protection, RS 232/422 serial communications, and a lamp test switch.

5. Surface or Semiflush mounted in a NEMA 250, Type 1 cabinet, with key lock and no exposed screws or hinges.
6. Graphic representation of the facility shall be a CAD drawing and each detector shall be represented by an LED in its actual location. CAD drawing shall be at [1/8-inch per foot (10-mm per meter)] scale or larger.

O. Remote Annunciator

P. DIGITAL ALARM COMMUNICATOR TRANSMITTER
1. Communications failure with the central station or fire-alarm control unit.
2. Digital data transmission shall include the following:
   a. Address of the alarm-initiating device.
   b. Address of the supervisory signal.
   c. Address of the trouble-initiating device.
   d. Loss of ac supply.
   e. Loss of power,
   f. Low battery.
   g. Abnormal test signal.
   h. Communication bus failure.
3. Secondary Power: Integral rechargeable battery and automatic charger.

Q. Network Communications

R. MAGNETIC DOOR HOLDERS
1. Electromagnets: Require no more than 3 W to develop 25-lbf (111-N) holding force.
2. Wall-Mounted Units: Flush mounted unless otherwise indicated.
3. Rating: 24-V dc.
4. The electromagnets shall be controlled by the FACU. Individual smoke detector auxiliary contacts shall not be used to release door holders.
5. Material and Finish: Match door hardware

S. Circuit Conductors:
1. Building wire - 14 AWG copper minimum. NAC circuits for speakers shall use conductors 14 AWG minimum, shielded and jacketed, plenum rated; provide 500 feet (60 m) extra; color code and label or each IDC and NAC conductor type.
2. MC-FPLP Cable-Type THHN/THWN Insulated Copper #14 AWG minimum stranded and/or Type TFN Insulated 16/2 AWG minimum copper. Green insulated or tinned copper grounding conductor. UL Listed as Type MC and Type FPLP. 600 Volt Type MC and 300 Volt Type FPLP. Rated VW-1. Red Lightweight Aluminum Interlocked Armor.

T. Surge Protection: In accordance with IEEE C62.41.2 category B combination waveform and NFPA 70; except for optical fiber conductors.
1. Equipment Connected to Alternating Current Circuits: Maximum let through voltage of 350 V(ac), line-to-neutral, and 350 V(ac), line-to-line; do not use fuses.
2. Initiating Device Circuits, Notification Appliance Circuits, and Communications Circuits: Provide surge protection at each point where circuit exits or enters a building; rated to protect applicable equipment; for 24 V(dc) maximum dc clamping voltage of 36 V(dc), line-to-ground, and 72 V(dc), line-to-line.
3. Signaling Line Circuits: Provide surge protection at each point where circuit exits or enters a building, rated to protect applicable equipment.

U. Locks and Keys: Deliver keys to Owner.
1. Provide the same standard lock and key for each key operated switch and lockable panel and cabinet; provide 5 keys of each type
2. Provide a different standard lock and key for each key operated alarm initiating device; provide 25 keys of each type.

V. Instruction Charts: Printed instruction chart for operators, showing steps to be taken when a signal is received (normal, alarm, supervisory, and trouble); easily readable from normal operator's station.
   1. Frame: Stainless steel or aluminum with polycarbonate or glass cover.
   2. Provide one for each control unit where operations are to be performed.
   3. Obtain approval of Owner prior to mounting; mount in location acceptable to Owner.
   4. Provide extra copy with operation and maintenance data submittal.

W. Storage Cabinet for Documentation: Steel with baked enamel finish, size appropriate to quantity of paper. Provide as required by NFPA 70.
   1. Locate and clearly label within room of FACP.
   2. Locate as directed by Edmonds Engineering, Inc.

X. Storage Cabinet for Spare Parts and Tools: Steel with baked enamel finish, size appropriate to quantity of parts and tools.
   1. Padlock eye and hasp for lock furnished by Owner.
   2. Locate as directed by Owner.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions for compliance with requirements for ventilation, temperature, humidity, and other conditions affecting performance of the Work.

B. Verify that manufacturer's written instructions for environmental conditions have been permanently established in spaces where equipment and wiring are installed, before installation begins.

C. Examine roughing-in for electrical connections to verify actual locations of connections before installation.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 EQUIPMENT INSTALLATION

A. Comply with NFPA 72, NFPA 101, and requirements of authorities having jurisdiction for installation and testing of fire-alarm equipment. Install all electrical wiring to comply with requirements in NFPA 70 including, but not limited to, Article 760, "Fire Alarm Systems”.

B. Devices placed in service before all other trades have completed cleanup shall be replaced.

C. Devices placed in service before all other trades have completed cleanup shall be replaced.
   1. Connect new equipment to existing control panel in existing part of the building.
   2. Expand, modify, and supplement existing control or monitoring equipment as necessary to extend existing control or monitoring functions to the new points. New components shall be capable of merging with existing configuration without degrading the performance of either system.
   3. Install seismic bracing. Comply with requirements in Section 270548.16 "Seismic Controls for Communications Systems”.
   4. Install dowel rods to connect concrete base to concrete floor. Unless otherwise indicated, install dowel rods on 18-inch (460-mm) centers around the full perimeter of concrete base.
   5. For supported equipment, install epoxy-coated anchor bolts that extend through concrete base and anchor into structural concrete floor.
   6. Place and secure anchorage devices. Use setting drawings, templates, diagrams, instructions, and directions furnished with items to be embedded.
   7. Install anchor bolts to elevations required for proper attachment to supported equipment.

D. Equipment Mounting: Install fire-alarm control unit on finished floor.

E. Install wall-mounted equipment, with tops of cabinets not more than 78 inches (1980 mm) above the finished floor.

F. Manual Fire-Alarm Boxes:

1. Install manual fire-alarm box in the normal path of egress within 60 inches (1520 mm) of the exit doorway.
2. Mount manual fire-alarm box on a background of a contrasting color.
3. The operable part of manual fire-alarm box shall be between 42 inches (1060 mm) and 48 inches (1220 mm) above floor level. All devices shall be mounted at the same height unless otherwise indicated.

G. Smoke- or Heat-Detector Spacing
1. Comply with the "Smoke-Sensing Fire Detectors" section in the "Initiating Devices" chapter in NFPA 72, for smoke-detector spacing.
2. Comply with the "Heat-Sensing Fire Detectors" section in the "Initiating Devices" chapter in NFPA 72, for heat-detector spacing.
3. Smooth ceiling spacing shall not exceed 30 feet (9m).
4. Spacing of detectors for irregular areas, for irregular ceiling construction, and for high ceiling areas shall be determined according to Annex A or Annex B in NFPA 72.
5. HVAC: Locate detectors not closer than 36 inches (910 mm) from air-supply diffuser or return-air opening.
6. Lighting Fixtures: Locate detectors not closer than 12 inches (300 mm) from any part of a lighting fixture and not directly above pendant mounted or indirect lighting.
7. When installed in a room, detectors shall be oriented, so their alarm light is visible from the nearest door to the corridor.

H. Install a cover on each smoke detector that is not placed in service during construction. Cover shall remain in place except during system testing. Remove cover prior to system turnover.

I. Duct Smoke Detectors: Comply with NFPA 72 and NFPA 90A. Install sampling tubes so they extend the full width of duct. Tubes more than 36 inches (9100 mm) long shall be supported at both ends. All air duct/plenum detectors must have a RAIL located in the nearest corridor or public area and identified by an engraved label affixed to the wall or ceiling. The label shall have the device address, function, and room location. These detectors shall be installed in a manner that provides suitable access for required periodic cleaning and calibration.
1. Do not install smoke detector in duct smoke-detector housing during construction. Install detector only during system testing and prior to system turnover.

J. Duct detector sampling tubes shall extend the full width of the duct. Those over 36 inches long must be provided with rear support. The preferred method for doing this is to have the tube go through the far side of the duct, with the point of penetration tightly sealed to prevent air leakage around the tube. This facilitates smoke testing and tube cleaning. Duct smoke detector mounting position and air sampling tube orientation, are critical for proper operation. The Manufacturer's detailed installation instructions must be followed. The Contractor shall mark the direction of air flow on the duct at each duct detector location. Each duct detector installation shall have a hinged or latched access panel, 12”x12” minimum, for sampling tube inspection and cleaning. Coordinate with Mechanical Contractor.

K. Elevator Shafts: Coordinate temperature rating and location with sprinkler rating and location.

L. Remote Status and Alarm Indicators: Install in a visible location near each smoke detector, sprinkler water-flow switch, and valve-tamper switch that is not readily visible from normal viewing position.

M. Audible Alarm-Indicating Devices: Install not less than 6 inches (150 mm) below the ceiling. Install bells and horns on flush-mounted back boxes with the device-operating mechanism concealed behind a grille. Install all devices at the same height unless otherwise indicated.
1. Remote Alarm Indicating Lights (RAIL): Locate in public space near the device they monitor. RAILS shall be labeled with device address, function and room location of device monitored.
2. RAILs shall be provided with a key switch for testing of the duct detectors.

N. Antenna for Radio Alarm Transmitter: Mount to building structure where indicated. Use mounting arrangement and substrate connection that resists [100-mph (160-km/h)] wind load with a gust factor of 1.3 without damage.

O. Surge Protection Device (SPD): The system shall be equipped with the following protective devices to prevent damage or nuisance alarms by nearby lightning strikes, stray currents, or voltage transients. The devices are to be provided by the fire alarm equipment supplier:
   1. On AC Input of all panels: A feed-through (not a shunt-type) branch circuit transient arrestor. The SPD shall meet current electrical code for use on fire alarm equipment and have NRTL listings. Install in a listed enclosure near the electrical panelboard and trim excess lead lengths. Wind small coil in the branch circuit conductor, within panelboard, downstream of the suppressor connection. Coil is to be about 1" diameter, 5 to 10 turns, and tie-wrapped.
   2. On DC Circuits Extending Outside Building: Adjacent to the FACU, and also near point of entry to outlying building, provide "pi"-type filter on each leg, consisting of a primary arrestor, series impedance, and a fast-acting secondary arrestor which clamps between 30 and 40 Volts. Use models recommended by the Original Equipment Manufacturer (OEM).

P. FIRE ALARM SYSTEM INSTALLATION AND CONFIGURATION
   1. Installation of the FACU and connection of all circuits shall be performed by persons meeting requirements listed in the Quality Assurance paragraph. All connections at the FACU must be made by the Manufacturer's authorized, factory trained representative (rather than by the electrical contractor).
   2. All equipment and components shall be installed in strict compliance with manufacturers' recommendations. Consult the manufacturer's installation manuals for all wiring diagrams, schematics, physical equipment sizes, etc., before beginning system installation.

Q. The installing contractor will submit programmed point descriptors for owner preliminary approval. The approved descriptors will be programmed into the system before system testing to allow field verification. Final descriptor updates will be based on final testing review.

3.03 FIELD DEVICE LABELING

A. Labels shall be neatly applied black lettering on a clear background. Handwritten labels or labels made from embossed tape are not acceptable.

B. The location of all End of Line devices shall be labeled on the device, with NAC panel number and NAC circuit number. All notification devices shall be labeled.

C. The label will be permanently mount on each device so that it's readable standing on the floor below.

D. Devices above ceilings will have labels attached to the ceiling at location of access.

E. If the device is an isolator, then ISO will be a part of the label.

F. Pull stations will have the address on the top or front face.

G. Connections or cables in the FATC (FAJB) will be labeled with circuit numbers. Raceways feeding the FATC will be labeled with function / area served. 5th floor north, FATC 4th floor etc. Wires may be numbered with a printed schedule mounted in the FATC.

3.04 PATHWAYS

A. Pathways shall be installed concealed above accessible ceilings. Pathways in non-accessible locations may be routed exposed where noted or routed in Type MC-FPLP cable to assist in installation. Splices shall not be made between devices.

B. Circuit conductor pathways for building wire shall be installed in EMT.

C. Exposed pathways located less than 96 inches (2440 mm) above the floor shall be installed in EMT.

D. New EMT shall be identified as described in Section 260553. Existing raceway that is reused shall be marked every 10 feet with a red band or label stating fire alarm.

E. Class A SLC riser shall be run in two (2) separate conduits. Each leg of the circuit of the circuit shall be separated by a minimum of two (2) hour fire resistance rated construction, as shown on the drawings, and arranged such that severing one of the conduits will not put any portion of the system out of service. Should a two hour (2) separation be determined impractical by the COR or appointed representative, a physical separation distance of not less than 1 foot on a vertical plane and not less than 4 feet on a horizontal plane shall be achieved.

3.05 CONNECTIONS

A. For fire-protection systems related to doors in fire-rated walls and partitions and to doors in smoke partitions, comply with requirements in Section 087100 "Door Hardware." Connect hardware and devices to fire-alarm system.

B. Verify that hardware and devices are listed for use with installed fire-alarm system before making connections.

C. Cable Splices: Any and all cable splices shall be in hinged terminal cabinets only. No splicing of conductors in outlet or junction boxes. There shall be NO splices in the system other than at terminal blocks. "Wire nuts," crimp splices, or insulation piercing type connectors are not acceptable. All terminal block screws shall have pressure wire connectors of the self-lifting or box lug type. Permanent wire markers shall be used to identify all splices and terminations for each circuit. For splices, use markers or other means to indicate which conductors leads to the FACU.

D. Detection or alarm circuits shall not be installed in raceways containing AC power or AC control wiring. Within the FACP, any 120 VAC control wiring or other circuits with an externally supplied AC/DC voltage above the nominal 24 VDC system power must be properly separated from other circuits and the enclosure must have an appropriate warning label to alert service personnel to the potential hazard.

E. Provide an engraved label on FACP and all notification appliance circuit expansion panels identifying its 120 VAC power source. This label shall include panelboard identification and circuit number and panelboard location. This information shall also be provided inside panels.

F. Make addressable connections with a supervised interface device to the following devices and systems. Install the interface device less than 36 inches (910 mm) from the device controlled. Make an addressable confirmation connection when such feedback is available at the device and shown in system drawings.
   1. Smoke dampers in air ducts of designated HVAC duct systems.
   2. Magnetically held-open doors.
   3. Electronically locked doors and access gates.
   4. Alarm-initiating connection to elevator recall system and components.
   5. Alarm-initiating connection to activate emergency lighting control.
   6. Alarm-initiating connection to activate emergency shutoffs for gas and fuel supplies.
   7. Supervisory connections at valve supervisory switches.
   8. Supervisory connections at elevator shunt-trip breaker.
   9. Data communication circuits for connection to building management system.

3.06 IDENTIFICATION

A. Identify system components, wiring, cabling, and terminals. Comply with requirements for identification specified in Section 260553.

B. Install framed instructions in a location visible from fire-alarm control unit.

3.07 GROUNDING

A. Ground fire-alarm control unit and associated circuits; comply with IEEE 1100. Install a ground wire from main service ground to fire-alarm control unit.

3.08 FIELD QUALITY CONTROL

A. Field tests shall be witnessed by Engineer and authorities having jurisdiction

B. Manufacturer's Field Service: Engage a factory-authorized service representative to test and inspect components, assemblies, and equipment installations, including connections

C. Perform tests and inspections.

D. Perform the following tests and inspections:
   1. Visual Inspection: Conduct visual inspection prior to testing.

E. Inspection shall be based on completed record Drawings and system documentation that is required by the "Completion Documents, Preparation" table in the "Documentation" section of the "Fundamentals" chapter in NFPA 72.
   1. Comply with the "Visual Inspection Frequencies" table in the "Inspection" section of the "Inspection, Testing and Maintenance" chapter in NFPA 72; retain the "Initial/Reacceptance" column and list only the installed components.
   2. System Testing: Comply with the "Test Methods" table in the "Testing" section of the "Inspection, Testing and Maintenance" chapter in NFPA 72.
   3. Test audible appliances for the public operating mode according to manufacturer's written instructions. Perform the test using a portable sound-level meter complying with Type 2 requirements in ANSI S1.4.
   4. Test visible appliances for the public operating mode according to manufacturer's written instructions.
   5. Factory-authorized service representative shall prepare the "Fire Alarm System Record of Completion" in the "Documentation" section of the "Fundamentals" chapter in NFPA 72 and the "Inspection and Testing Form" in the "Records" section of the "Inspection, Testing and Maintenance" chapter in NFPA 72.
   6. Reacceptance Testing: Perform reacceptance testing to verify the proper operation of added or replaced devices and appliances.
   7. Fire-alarm system will be considered defective if it does not pass tests and inspections.
   8. Prepare test and inspection reports.
   9. Maintenance Test and Inspection: Perform tests and inspections listed for weekly, monthly, quarterly, and semiannual periods. Use forms developed for initial tests and inspections.
   10. Annual Test and Inspection: One year after date of Substantial Completion, test fire-alarm system complying with visual and testing inspection requirements in NFPA 72. Use forms developed for initial tests and inspections.

3.09 DEMONSTRATION

A. Train owner's maintenance personnel to adjust, operate, and maintain fire-alarm system. Multiple training sessions will be provided to meet owner’s needs for multiple shift training. Training sessions will include testing for retention of training.

3.10 TESTING

A. Pretesting: After installation, align, adjust, and balance the system and perform complete pretesting. Determine, through pretesting, the compliance of the system with requirements of Drawings and Specifications. Correct deficiencies observed in pretesting. Replace malfunctioning or damaged items with new ones, and retest until satisfactory performance and conditions are achieved. Prepare forms for systematic recording of acceptance test results.

B. Minimum System Tests: Minimum test shall be a 100% operation test including, but not limited to the following:

C. Verify the absence of unwanted voltages between circuit conductors and ground.

D. Test all conductors for short circuits using an insulation-testing device.

E. With each circuit pair, short circuit at the far end of the circuit and measure the circuit resistance with an ohmmeter. Record the circuit resistance of each circuit on record drawings.

F. Verify that the control unit is in the normal condition as detailed in the manufacturer's operation and maintenance manual.

G. Test initiating and indicating circuits for proper signal transmission under open circuit conditions. One connection each should be opened at not less than 10 percent of initiating and indicating devices. Observe proper signal transmission according to class of wiring used.

H. Test all initiating and indicating device for alarm operation and proper response at the control unit. Test smoke detectors with actual products of combustion.

I. All circuits shall be tested for supervision. “Class A” Signal Line Circuits shall be tested for “Class A” operation.

J. All sprinkler devices shall be tested for alarm, supervisory and trouble situations.

K. All control circuits (AHU shutdown, door holders, dampers) shall be tested for proper operation on an alarm condition and for wire supervision.

L. Elevator recall function shall be tested to ensure proper recall programming.

M. Check zone map for proper location of all devices. Verify that devices and wire are properly labeled. Verify that program descriptors match device location. Verify EOL locations with as built drawings.

N. Test the system for all specified functions according to the approved operation and maintenance manual. Systematically initiate specified functional performance items at each station, including making all possible alarm and monitoring initiations and using all communications options. For each item, observe related performance at all devices required to be affected by the item under all system sequences. Observe indicating lights, displays, signal tones, and annunciator indications. Observe all voice audio for routing, clarity, quality, freedom from noise and distortion, and proper volume level.

O. Test Both Primary and Secondary Power: Verify by test that the secondary power system is capable of operating the system for the period and in the manner specified.

P. Report of Pretesting: After pretesting is complete, provide a letter certifying the installation is complete and fully operable, including the names and titles of witnesses to preliminary tests. Provide documentation of specific examples of the various tests via FACU event logs or other data capture means.

Q. Engineer’s Test: After the pretest has been completed and the system is clear of trouble all test documentation including a printout of all custom labels and a NFPA 72 “Record of Completion” form shall be submitted to Engineer for approval. At that time Engineer may, at his discretion, perform a 100% functional test of the fire alarm system. The Contractor and the Manufacturer’s authorized representative that installed the system must be present. Should the results of this test not be satisfactory, then corrections will be made, and a re-test will be required at the Contractor’s expense.

R. Authority Having Jurisdiction Inspection/Test: Only after Engineer has approved the system the design professional will schedule the inspection. The Contractor and the Manufacturer’s authorized representative must be present for test. Provide a minimum of 10 days' notice in writing to the Engineer for the Authority Having Jurisdiction Inspection/Test.

S. Retesting: Correct deficiencies indicated by tests and completely retest work affected by such deficiencies. Verify by the system test that the total system meets Specifications and complies with applicable standards.

T. Report of Tests and Inspections: Provide a written record of inspections, tests, and detailed test results in the form of a test log. Submit log on the satisfactory completion of tests.

U. Closeout: After successful completion of inspections and tests, the warranty period begins. In the event of malfunctions or excessive nuisance alarms, the Contractor must take prompt corrective action. The Owner may require a repeat of the Contractor’s 100% system test, or other inspections. Continued improper performance during the warranty period shall be cause to require the Contractor to remove and replace the system.

V. All System documentation shall be provided and housed in a Documentation Cabinet at the control panel or other approved location.

3.11 OWNER PERSONNEL INSTRUCTION

A. Provide the following instruction to designated Owner personnel:
   1. Hands-On Instruction: On-site, using operational system.
   2. Classroom Instruction: Owner furnished classroom, on-site or at other local facility.

B. Administrative: One-hour session(s) covering issues necessary for non-technical administrative staff; classroom:
   1. Initial Training: 1 session pre-closeout.
   2. Refresher Training: 1 session post-occupancy.

C. Basic Operation: One-hour sessions for attendant personnel, security officers, and engineering staff; combination of classroom and hands-on:
   1. Initial Training: 1 session pre-closeout.
   2. Refresher Training: 1 session post-occupancy.

D. Detailed Operation: Two-hour sessions for engineering staff; assume NICET level I qualifications or equivalent; combination of classroom and hands-on:
   1. Initial Training: 1 session pre-closeout.
   2. Refresher Training: 1 session post-occupancy.

E. Maintenance Technicians: Detailed training for electrical technicians, on programming, maintaining, repairing, and modifying; factory training:
   1. Initial Training: One 3-day session, pre-closeout.
   2. Refresher Training: One 1-day session post-occupancy.

F. Furnish the services of instructors and teaching aids; have copies of operation and maintenance data available during instruction.

G. Provide means of evaluation of trainees suitable to type of training given; report results to Owner.

3.12 CLOSEOUT

A. Closeout Demonstration: Demonstrate proper operation of all functions to Owner.
   1. Be prepared to conduct any of the required tests.
   2. Have at least one copy of operation and maintenance data, preliminary copy of project record drawings, input/output matrix, and operator instruction chart(s) available during demonstration.
   3. Have authorized technical representative of control unit manufacturer present during demonstration.
   4. Demonstration may be combined with inspection and testing required by authority having jurisdiction; notify authority having jurisdiction in time to schedule demonstration.
   5. Repeat demonstration until successful.

B. Occupancy of the project will not occur prior to Substantial Completion.

C. Substantial Completion of the project cannot be achieved until inspection and testing is successful and:
   1. Specified diagnostic period without malfunction has been completed.
   2. Approved operating and maintenance data has been delivered.
   3. Spare parts, extra materials, and tools have been delivered.
   4. All aspects of operation have been demonstrated to Owner.
   5. Final acceptance of the fire alarm system has been given by authorities having jurisdiction.
   6. Occupancy permit has been granted.
   7. Specified pre-closeout instruction is complete.

D. Perform post-occupancy instruction within 3 months after Substantial Completion.

3.13 SOFTWARE SERVICE AGREEMENT

A. Comply with UL 864.

B. Technical Support: Beginning at Substantial Completion, service agreement shall include software support for two years.

C. Upgrade Service: At Substantial Completion, update software to latest version. Install and program software upgrades that become available within [two] years from date of Substantial Completion. Upgrading software shall include operating system and new or revised licenses for using software.
   1. Upgrade Notice: At least 30 days to allow Owner to schedule access to system and to upgrade computer equipment if necessary.

D. Provide to Owner, at no extra cost, a written maintenance contract for entire manufacturer's warranty period, to include the work described below.

E. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service shall include 12 months' full maintenance by trained employees of manufacturer's designated service organization. Include preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper operation. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.

F. Provide to Owner, a proposal as an alternate to the base bid, for a maintenance contract for entire warranty period, to include the work described below; include the total cost of contract, proposal to be valid at least until 30 days after date of Substantial Completion.

G. Perform routine inspection, testing, and preventive maintenance required by NFPA 72, including:
   1. Include visual inspections according to the "Visual Inspection Frequencies" table in the "Testing" paragraph of the "Inspection, Testing and Maintenance" chapter in NFPA 72.
   2. Perform tests in the "Test Methods" table in the "Testing" paragraph of the "Inspection, Testing and Maintenance" chapter in NFPA 72.
   3. Perform tests per the "Testing Frequencies" table in the "Testing" paragraph of the "Inspection, Testing and Maintenance" chapter in NFPA 72.
   4. Maintenance of fire safety interface and supervisory devices connected to fire alarm system.
   5. Repairs required, unless due to improper use, accidents, or negligence beyond the control of the maintenance contractor.
   6. Record keeping required by NFPA 72 and authorities having jurisdiction.

H. Provide trouble call-back service upon notification by Owner:
   1. Provide on-site response within 2 hours of notification.
   2. Include allowance for call-back service during normal working hours at no extra cost to Owner.
   3. Owner will pay for call-back service outside of normal working hours on an hourly basis, based on actual time spent at site and not including travel time; include hourly rate and definition of normal working hours in maintenance contract.

I. Provide a complete description of preventive maintenance, systematic examination, adjustment, cleaning, inspection, and testing, with a detailed schedule.

J. Maintain a log at each fire alarm control unit, listing the date and time of each inspection and call-back visit, the condition of the system, nature of the trouble, correction performed, and parts replaced. Submit duplicate of each log entry to Owner's representative upon completion of site visit.

K. Comply with Owner's requirements for access to facility and security.

END OF SECTION 284600

Opening Schedule														
		Door					Frame Type						Rating	Access Control	Description
Door #	Single/ Pair	W	H	Door Type	Door MTL	Door Glazing	Frame Type	Frame MTL	Frame Glazing	Head	Jamb	Sill			
1A	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
1B	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
2A	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
2B	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
3A	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
3B	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
4A	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
4B	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
5A	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
5B	S	3'-0"	7'-2"	3	AL	GL-2	3	AL	GL-2	3/A600	3/A600	---	SMOKE	CR	Typical Corridor Door & Frame. (Some Hardware Under Alternate 1 - OR Access Control) Provide privacy film on glass.
100A	S	3'-0"	7'-0"	1	WD	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	
100NA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
100NB	S	3'-0"	7'-2"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Existing Door & Frame. New Egress Hardware w/ Closer & Monitoring Only Access Control
100NC	S	3'-0"	7'-2"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Existing Door & Frame. New Egress Hardware w/ Closer & Monitoring Only Access Control
100SA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
100SB	S	3'-0"	7'-2"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Existing Door & Frame. New Egress Hardware w/ Closer & Monitoring Only Access Control
100SC	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Existing Door & Frame. New Egress Hardware w/ Closer & Monitoring Only Access Control
200SA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
200NA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
300SA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
300NA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
400SA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
400NA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
500SA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
500NA	S	3'-0"	7'-0"	Exist	Exist	Exist	Exist	Exist	Exist					MON	Typ. Interior Stair Entry - Existing Door & Frame. Bid ALT #1: New Egress Hardware w/ Closers & Electrified Hardware - Monitoring Only Access Control
101	S	3'-0"	7'-0"	1	WD	---	1	HM PAINTED	---	5/A600	5/A600	---	---	---	
101B															Bathroom Door to ADA Room 101 (Existing to Remain)
102															Entrance Door to Apartment 102 (Existing to Remain)
102A.1	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Apartment Bathroom Door. See Enlarged Plan on Sheet A401 for Typ. Plan Information
102A.2	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Apartment Bathroom Door. See Enlarged Plan on Sheet A401 for Typ. Plan Information
102A.3	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Apartment Bathroom Door. See Enlarged Plan on Sheet A401 for Typ. Plan Information

103A	S	3'-0"	7'-0"	1	WD	---	1	HM PAINTED	---	5/A600	5/A600	---	---	---	
103B	S	3'-0"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm ADA Bathroom Door
104	S	3'-0"	7'-0"	1	WD	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Provide Transfer Grille in Apt Room Door - See Mech
104A															Transition door between rooms 104 and 106 (Existing to Remain): Provide Transfer Grille in Door - See Mech
105A															Entrance Door to ADA Room 105 (Existing to Remain)
105B															Bathroom Door to ADA Room 105 (Existing to Remain)
106															Entrance Door to Apt Kitchen found left to Room Stor 108A (Existing to Remain)
107A	S	3'-0"	7'-0"	1	WD	---	1	HM PAINTED	---	5/A600	5/A600	---	---	---	
107B	S	3'-0"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm ADA Bathroom Door
108	S	3'-0"	7'-0"	1	WD	---	1	HM PAINTED	---	5/A600	5/A600	---	---	---	
108A	S	2'-6"	7'-0"	1	WD PAINTED	---	1	HM PAINTED	---	3/A600	3/A600	---	---	---	
108B															Transition Door Between Rooms 108 and 110 (Existing to Remain)
109															Entrance into Room 109 (Existing to Remain)
109A															Transition Door Between Rooms 109 and 111 (Existing to Remain)
109B															Entrance into the Mop Sink Room in Room 109 (Existing to Remain)
110															Entrance into Room 110 (Existing to Remain)
111A	S	3'-0"	7'-0"	3	AL	GL-1	4	AL	GL-1	1/A350		4/A600	---	MON	New Aluminum Doors w/ New Egress Hardware w/ Closers & Electrified Hardware Monitoring Only
111B	S	3'-0"	7'-2"	3	AL	GL-2	5	AL	GL-2	3/A600	3/A600	---	---	---	
112A	S	3'-0"	7'-2"	3	AL	GL-1	6	AL	GL-1	1/A350		4/A600	---	CR	New Aluminum Doors w/ New Egress Hardware & CR Access Control
112B	S	3'-0"	7'-2"	3	AL	GL-1	6	AL	GL-1	1/A350		4/A600	---	CR	New Aluminum Doors w/ New Egress Hardware & CR Access Control
112A.1	S	3'-0"	7'-0"	1	WD		1	HM PAINTED							New Door into Toilet Room w/ push/pull plates, and closer
112B.1	S	3'-0"	7'-0"	1	WD		1	HM PAINTED							New Door into Toilet Room w/ push/pull plates, and closer
113															Double Door Entrance into Room 113 (Existing to Remain)
113A															Double Door Entrance into Room Above Room 113 (Existing to Remain)
113B															Single Door Entrance into Room Above Room 113 (Existing to Remain)
114															Double Door Entrance into Room 114 (Existing to Remain)
115	P	6'-0"	7'-0"	2	WD	GL-2	1	HM PAINTED	---	5/A600	5/A600	---	---	---	
116															Double Door Entrance into Room 116 (Existing to Remain)
117															Entrance into Room 117 (Existing to Remain)
132A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
132B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
132C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
132D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
118															Entrance into Room 118 (Existing to Remain)
133A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
133B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
133C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
133D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
119															Entrance into Room 119 (Existing to Remain)
120															Entrance into Room 120 (Existing to Remain)
121															Entrance into Room 121 (Existing to Remain)
134A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
134B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information

134C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
134D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
122															Entrance into Room 122 (Existing to Remain)
135A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
135B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
135C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
135D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
123															Entrance into Room 123 (Existing to Remain)
124															Entrance into Room 124 (Existing to Remain)
125A	P	5'-0"	7'-0"	1	GHM	---	1	GHM PAINTED	---			4/A600	---	CR	New Storeroom Hardware & CR Access Control
201															Entrance into Room 201 (Existing to Remain)
230A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
230B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
230C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
230D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
202															Entrance into Room 202 (Existing to Remain)
231A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
231B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
231C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
231D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
203															Entrance into Room 203 (Existing to Remain)
204															Entrance into Room 204 (Existing to Remain)
205															Entrance into Room 205 (Existing to Remain)
232A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
232B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
232C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
232D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
206															Entrance into Room 206 (Existing to Remain)
233A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
233B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
233C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
233D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
207															Entrance into Room 207 (Existing to Remain)
208															Entrance into Room 208 (Existing to Remain)
209															Entrance into Room 209 (Existing to Remain)
234A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
234B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
234C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
234D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
210															Entrance into Room 210 (Existing to Remain)
235A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
235B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
235C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information

235D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
211															Entrance into Room 211 (Existing to Remain)
212															Entrance into Room 212 (Existing to Remain)
213															Entrance into Room 213 (Existing to Remain)
236A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
236B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
236C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
236D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
214															Entrance into Room 214 (Existing to Remain)
237A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
237B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
237C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
237D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
215															Entrance into Room 215 (Existing to Remain)
216															Entrance into Room 216 (Existing to Remain)
217															Entrance into Room 217 (Existing to Remain)
238A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
238B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
238C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
238D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
218															Entrance into Room 218 (Existing to Remain)
239A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
239B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
239C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
239D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
219															Entrance into Room 219 (Existing to Remain)
220															Entrance into Room 220 (Existing to Remain)
221															Entrance into Room 221 (Existing to Remain)
240A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
240B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
240C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
240D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
222															Entrance into Room 222 (Existing to Remain)
241A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
241B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
241C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
241D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
223															Entrance into Room 223 (Existing to Remain)
224															Entrance into Room 224 (Existing to Remain)
226A	SLIDER	12'-4"	8'-0"		AL	GL-1	7	AL	GL-1	1/A350		4/A600	---	---	Lift & Slide Balcony Door
226B	SLIDER	12'-4"	8'-0"		AL	GL-1	7	AL	GL-1	1/A350		4/A600	---	---	Lift & Slide Balcony Door
227															Entrance into Room 227 (Existing to Remain)
228	S	3'-0"	7'-0"	2	WD	GL-2	1	HM PAINTED	---	5/A600	5/A600	---	---	---	Typical Study/Quiet Room Door, Provide Obscure Film on Glass Lite

229															Entrance to Room 229 (Existing to Remain)
229A	S	3'-0"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Comm. Room Door
250															Entrance into Room 250 (Existing to Remain)
251															Entrance into Room 251 (Existing to Remain)
301															Entrance into Room 301 (Existing to Remain)
328	S	3'-0"	7'-0"	2	WD	GL-2	1	HM PAINTED							Typical Study/Quiet Room Door, Provide Obscure Film on Glass Lite
330A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
330B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
330C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
330D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
302															Entrance into Room 302 (Existing to Remain)
331A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
331B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
331C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
331D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
303															Entrance into Room 303 (Existing to Remain)
304															Entrance into Room 304 (Existing to Remain)
305															Entrance into Room 305 (Existing to Remain)
332A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
332B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
332C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
332D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
306															Entrance into Room 306 (Existing to Remain)
333A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
333B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
333C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
333D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
307															Entrance into Room 307 (Existing to Remain)
308															Entrance into Room 308 (Existing to Remain)
309															Entrance into Room 309 (Existing to Remain)
334A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
334B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
334C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
334D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
310															Entrance into Room 310 (Existing to Remain)
335A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
335B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
335C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
335D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
311															Entrance into Room 311 (Existing to Remain)
312															Entrance into Room 312 (Existing to Remain)
313															Entrance into Room 313 (Existing to Remain)
336A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information

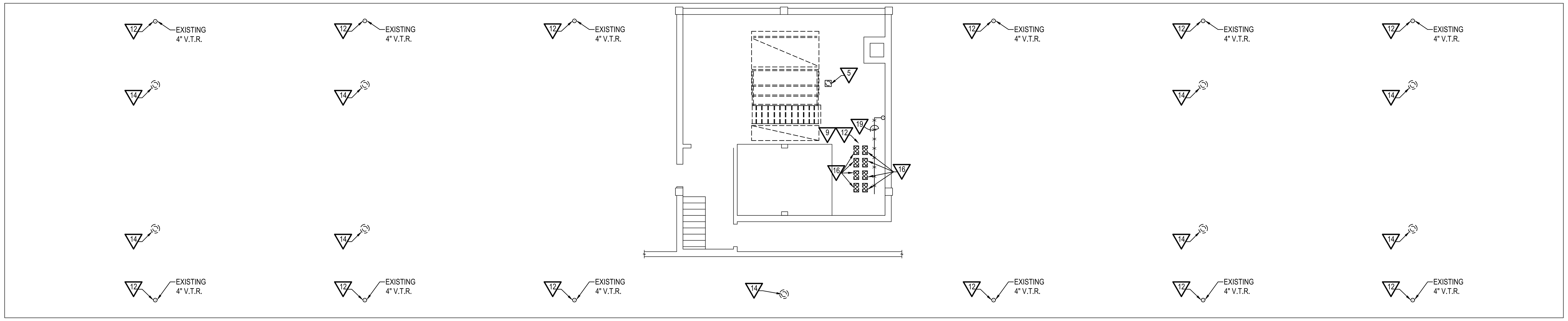
336B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
336C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
336D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
314															Entrance into Room 314 (Existing to Remain)
337A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
337B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
337C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
337D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
315															Entrance into Room 315 (Existing to Remain)
316															Entrance into Room 316 (Existing to Remain)
317															Entrance into Room 317 (Existing to Remain)
338A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
338B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
338C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
338D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
318															Entrance into Room 318 (Existing to Remain)
339A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
339B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
339C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
339D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
319															Entrance into Room 319 (Existing to Remain)
320															Entrance into Room 320 (Existing to Remain)
321															Entrance into Room 321 (Existing to Remain)
340A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
340B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
340C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
340D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
322															Entrance into Room 322 (Existing to Remain)
341A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
341B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
341C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
341D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
323															Entrance into Room 323 (Existing to Remain)
324															Entrance into Room 324 (Existing to Remain)
325															Entrance into Room 325
325A	S	3'-0"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Comm. Room Door
326A	SLIDER	12'-4"	8'-0"		AL	GL-1	7	AL	GL-1	1/A350		4/A600	---	---	Lift & Slide Balcony Door
326B	SLIDER	12'-4"	8'-0"		AL	GL-1	7	AL	GL-1	1/A350		4/A600	---	---	Lift & Slide Balcony Door
327															Entrance into Room 327 (Existing to Remain)
350															Entrance into Room 350 (Existing to Remain)
351															Entrance into Room 351 (Existing to Remain)
401															Entrance into Room 401 (Existing to Remain)
430A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information

430B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
430C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
430D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
402															Entrance into Room 402 (Existing to Remain)
431A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
431B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
431C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
431D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
403															Entrance into Room 403 (Existing to Remain)
404															Entrance into Room 404 (Existing to Remain)
405															Entrance into Room 405 (Existing to Remain)
432A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
432B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
432C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
432D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
406															Entrance into Room 406 (Existing to Remain)
433A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
433B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
433C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
433D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
407															Entrance into Room 407 (Existing to Remain)
408															Entrance into Room 408 (Existing to Remain)
409															Entrance into Room 409 (Existing to Remain)
434A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
434B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
434C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
434D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
410															Entrance into Room 410 (Existing to Remain)
435A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
435B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
435C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
435D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
411															Entrance into Room 411 (Existing to Remain)
412															Entrance into Room 412 (Existing to Remain)
413															Entrance into Room 413 (Existing to Remain)
436A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
436B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
436C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
436D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
414															Entrance into Room 414 (Existing to Remain)
437A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
437B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
437C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information

437D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
415															Entrance into Room 415 (Existing to Remain)
416															Entrance into Room 416 (Existing to Remain)
417															Entrance into Room 417 (Existing to Remain)
438A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
438B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
438C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
438D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
418															Entrance into Room 418 (Existing to Remain)
439A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
439B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
439C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
439D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
419															Entrance into Room 419 (Existing to Remain)
420															Entrance into Room 420 (Existing to Remain)
421															Entrance into Room 421 (Existing to Remain)
440A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
440B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
440C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
440D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
422															Entrance into Room 422 (Existing to Remain)
441A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
441B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
441C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
442	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door. See Enlarged Plan on Sheet A401 for Typ. Plan Information
423															Entrance into Room 423 (Existing to Remain)
424															Entrance into Room 424 (Existing to Remain)
425															Entrance into Room 425 (Existing to Remain)
426A	SLIDER	12'-4"	8'-0"		AL	GL-1	7	AL	GL-1	1/A350		4/A600	---	---	Lift & Slide Balcony Door
426B	SLIDER	12'-4"	8'-0"		AL	GL-1	7	AL	GL-1	1/A350		4/A600	---	---	Lift & Slide Balcony Door
427	S	3'-0"	7'-0"	2	WD	GL-2	1	HM PAINTED	---	5/A600	5/A600	---	---	---	Typical Study/Quiet Room Door, Provide Obscure Film on Glass Lite
428															Entrance into Room 428 (Existing to Remain)
428A	S	3'-0"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Comm. Room Door
450															Entrance into Room 450
451															Entrance into Room 451
501															Entrance into Room 501
530A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
530B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
530C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
530 D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
502															Entrance into Room 502
532A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
531B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information

531C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
531D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
503															Entrance into Room 503
504															Entrance into Room 504
505															Entrance into Room 505
532A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
532B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
532C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
532D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
506															Entrance into Room 506
533A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
533B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
533C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
533D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
507															Entrance into Room 507
508															Entrance into Room 508
509															Entrance into Room 509
534A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
534B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
534C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
534D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
510															Entrance into Room 510
535A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
535B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
535C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
535D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
511															Entrance into Room 511
512															Entrance into Room 512
513															Entrance into Room 513
536A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
536B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
536C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
536D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
514															Entrance into Room 514
537A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
537B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
537C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
537D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
515															Entrance into Room 515
516															Entrance into Room 516
517															Entrance into Room 517
538A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
538B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information

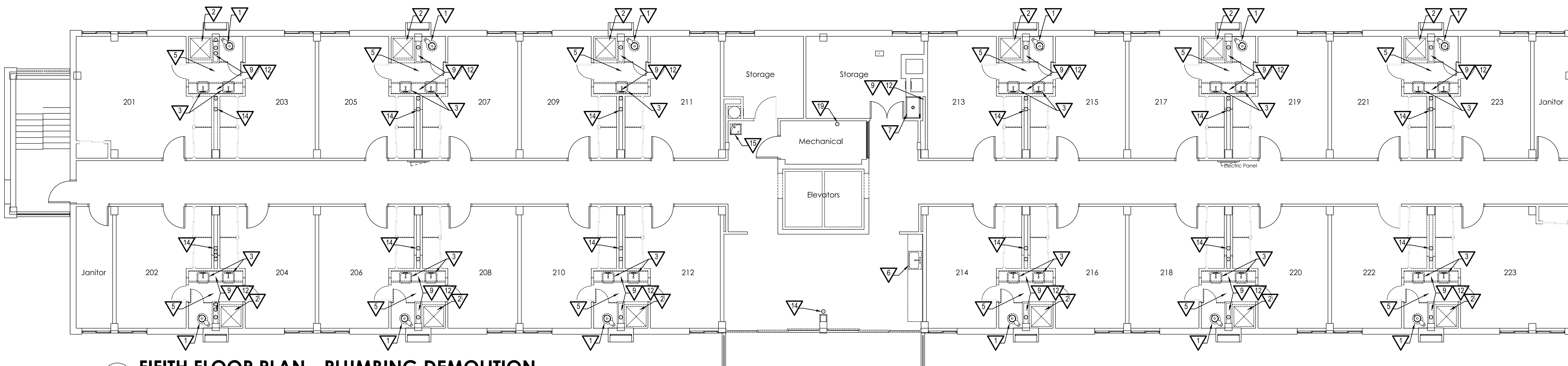
538C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
538D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
518															Entrance into Room 518
539A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
539B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
539C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
539D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
519															Entrance into Room 519
520															Entrance into Room 520
521															Entrance into Room 521
540A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
540B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
540C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
540D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
522															Entrance into Room 522
539A	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
539B	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
539C	S	2'-6"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
539D	S	2'-8"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Dorm Bathroom Door w/ Occupancy Indicator. See Enlarged Plan on Sheet A400 for Typ. Plan Information
523															Entrance into Room 523
524															Entrance into Room 524
525															Entrance into Room 525
526A	SLIDER	12'-4"	8'-0"		AL	GL-1	7	AL	GL-1	1/A350		4/A600	---	---	Lift & Slide Balcony Door
526B	SLIDER	12'-4"	8'-0"		AL	GL-1	7	AL	GL-1	1/A350		4/A600	---	---	Lift & Slide Balcony Door
527	S	3'-0"	7'-0"	2	WD	GL-2	1	HM PAINTED	---	5/A600	5/A600	---	---	---	Typical Study/Quiet Room Door, Provide Obscure Film on Glass Lite
528															Entrance into Room 528 (Existing to Remain)
528A	S	3'-0"	7'-0"	1	WD PAINTED	---	2	HM PAINTED	---	3/A600	3/A600	---	---	---	Typical Comm. Room Door
550															Entrance into Room 550
551A															Entrance into Room 551



2 PD103 PENTHOUSE/ROOF PLAN - PLUMBING DEMOLITION
1/8" = 1'-0"

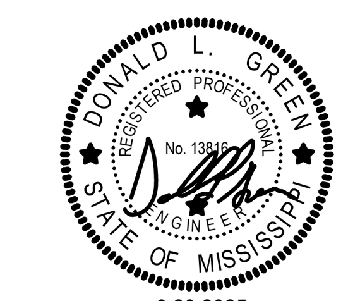
DEMOLITION NOTES:

1. REMOVE EXISTING WATER CLOSET AND ALL RELATED ACCESSORIES.
2. REMOVE EXISTING SHOWER AND ALL RELATED ACCESSORIES.
3. REMOVE EXISTING LAVATORY AND ALL RELATED ACCESSORIES.
4. REMOVE EXISTING WASHING MACHINE BOX AND ALL RELATED ACCESSORIES.
5. REMOVE EXISTING FLOOR DRAIN AND ALL RELATED ACCESSORIES.
6. REMOVE EXISTING SINK AND ALL RELATED ACCESSORIES.
7. REMOVE EXISTING SERVICE SINK AND ALL RELATED ACCESSORIES.
8. REMOVE EXISTING BATHTUB AND ALL RELATED ACCESSORIES.
9. REMOVE ALL EXISTING DOMESTIC COLD WATER, HOT WATER, AND HOT WATER RECIRCULATING PIPING. REMOVE ALL HANGERS, FLOOR/WALL SLEEVE, ETC.
10. REMOVE EXISTING HOSE BIBB.
11. REMOVE EXISTING ICE MAKER WATER CONNECTION.
12. (1) REMOVE ALL EXISTING SANITARY SEWER WASTE/VENT PIPING ABOVE GRADE. CUT EXISTING VENT PIPING APPROXIMATELY 6" BELOW ROOF DECK. REUSE EXISTING PENETRATION FOR NEW SYSTEM. SAWCUT FLOOR AND CAP ALL BELOW GRADE PIPING CONNECTION BELOW THE FIRST FLOOR SLAB. PIPING BELOW THE BUILDING SLAB TO BE ABANDONED IN PLACE.
13. REMOVE EXISTING URINAL AND ALL RELATED ACCESSORIES.
14. REMOVE EXISTING ROOF LEADER PIPING ABOVE GRADE. EXISTING ROOF DRAIN TO REMAIN. SAWCUT FLOOR AND CAP ALL BELOW GRADE PIPING CONNECTION BELOW THE FIRST FLOOR SLAB. PIPING BELOW THE BUILDING SLAB TO BE ABANDONED IN PLACE.
15. REMOVE EXISTING DRINKING FOUNTAINS AND RELATED ACCESSORIES.
16. REMOVE EXISTING WATER HEATER AND ALL RELATED ACCESSORIES, RECIRC. PUMP, PIPING, ETC. TURN TANKLESS WATER HEATERS OVER TO MUW PHYSICAL PLANT
17. REMOVE EXISTING HOSE BIBB AND RELATED ACCESSORIES.
18. REMOVE EXISTING ELEVATOR SUMP PUMP AND RELATED PIPING.
19. REMOVE EXISTING GAS PIPING AND RELATED HANGERS.



1 PD103 FIFITH FLOOR PLAN - PLUMBING DEMOLITION
1/8" = 1'-0"

GS# 104-215 JONES HALL RENOVATIONS
Mississippi University for Women



6.20.2025

SHAFER ZAHNER ZAHNER
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510 UNIVERSITY DRIVE
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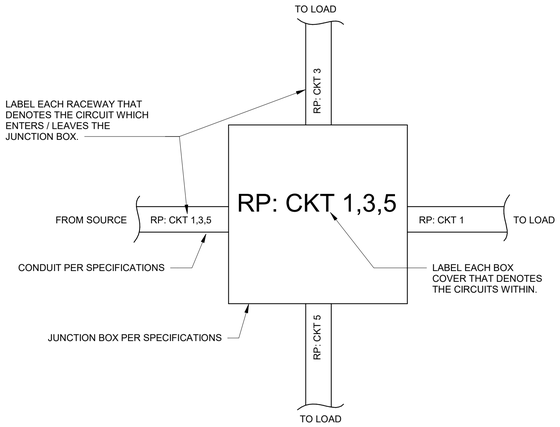
SHEET PD103

FIFTH FLOOR PLAN -PLUMBING DEMOLITION

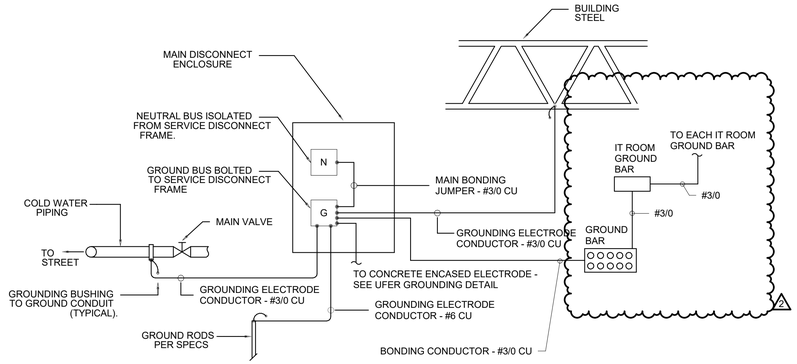
DATE:	6.20.2025
SZZARCH#	2414
DRAWN BY:	TEG/CDJ
CHECKED BY:	DLG/TEG

REVISIONS:

ADDENDUM #3	8-29-25



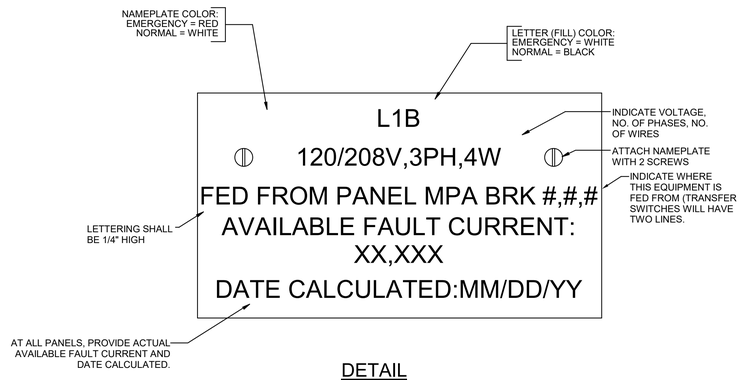
1 E003 JUNCTION BOX LABELING DETAIL
NOT TO SCALE



NOTES:

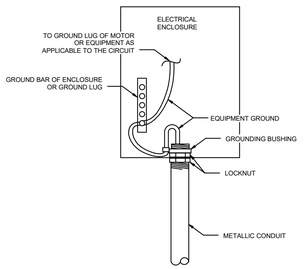
1. PROVIDE PHOTO DOCUMENTATION OF CONNECTION AT THE TIME OF INSTALLATION.
2. ALL CONDUCTORS SHOWN ARE COPPER.
3. MAKE CONNECTION TO COLD WATER PIPING WITHIN 5' OF ITS BUILDING ENTRANCE.

2 E003 GROUNDING
NOT TO SCALE



DETAIL
ELECTRICAL NAMEPLATE
NO SCALE

3 E003 ELECTRICAL NAMEPLATE
NOT TO SCALE



NOTES:

1. CURRENT CARRYING CONDUCTORS NOT SHOWN FOR CLARITY.

2. APPLY THIS INSTALLATION METHOD FOR ALL METALLIC ELECTRICAL EQUIPMENT/ENCLOSURES WHERE A METALLIC CONDUIT IS TERMINATED IN AN ENCLOSURE IN ANY OF THE FOLLOWING CONDITIONS:

   a. ALL CIRCUITS OVER 250V TO GROUND (REGARDLESS OF AMPACITY SIZE & REGARDLESS OF KNOCKOUT METHOD).
   b. AT ANY LOCATION WHERE A LOOSELY JOINTED METAL RACEWAY IS ENCOUNTERED. EC SHALL MAKE CONNECTION AND REPAIR LOOSE CONNECTION WHERE POSSIBLE.
   c. ALL HAZARDOUS CLASSIFIED LOCATIONS. SEE NEC 250.100.
   d. ALL CIRCUITS NOT LESS THAN 100A (REGARDLESS OF VOLTAGE).

3. ALL FITTINGS, BUSHINGS, RACEWAY, ETC. SHALL BE LISTED.

4. EQUIPMENT GROUND OR GROUNDING ELECTRODE SHALL BE SIZED AS SHOWN ON THE DRAWINGS.

4 E003 CONDUIT TERMINATION DETAIL
NOT TO SCALE

NOTE: RELAY SHOWN POWERED FOR FAILSAFE OPERATION

5 E003 AHU SHUT-DOWN
NOT TO SCALE

6 E003 DETAIL - TYPICAL CONDUIT OUT OF PANEL LABELING
NOT TO SCALE

DETAIL - MAIN STATION GROUND BAR
NOT TO SCALE

NOTES:

A. PROVIDE AT TELEPHONE BACKBOARD.

B. BUS BARS OVER 20" IN LENGTH REQUIRE AT LEAST ONE ADDITIONAL 2-3/4" INSULATOR (NEWTON P.N. 3061-4) SUPPORT OR AS SPECIFIED BUS BARS 152MM WIDE OR MORE REQUIRE INSULATORS AT ALL FOUR CORNERS OR AS DETAILED.

LETTER FONT- 1/4" SIMPEX
LETTER (FILL) COLOR-BLACK
NAMEPLATE COLOR- WHITE

8 E003 DISCONNECT NAMEPLATE
NOT TO SCALE

AT LEAST 4" X 6", COMPLY WITH NEC 110.16

ROUNDED CORNERS TO RESIST PEELING

COMPLY WITH ANSI Z535.4-1998
HIGH - TACK ADHESIVE LABELS
UV/CHEMICAL RESISTANT 3.2 MIL LAMINATED VINYL

ARC FLASH HAZARD-LABEL
ALL ELECTRICAL EQUIPMENT PER SPECIFICATIONS
NO SCALE

9 E003 ARC FLASH HAZARD LABEL
NOT TO SCALE

10 E003 TYPICAL RECEPTACLE INSTALLATION
NOT TO SCALE

11 E003 DUPLEX RECEPTACLE
NOT TO SCALE

GS# 104-215 JONES HALL RENOVATIONS

Mississippi University for Women

SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE
510 UNIVERSITY DRIVE
STARKVILLE, MISSISSIPPI 39759
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SHEET E003

ELECTRICAL DETAILS

DATE: 6.20.2025
SZZARCH# 2414
DRAWN BY: GJC
CHECKED BY: AMM

REVISIONS:
2 8/29/2025 Addendum #3

Dewberry
1900 Lakeland Drive
Jackson, MS 39216
(601) 362-6478
www.dewberry.com
Project Number :
50171832

Panel: L-1A **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 1A **Mounting:** RECESSED **Phases:** 3 **Main Device Type:** MCB
Fed From: MPL1 **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 101	1	Receptacle	20	1	1260	1080		1	20	Receptacle	1	Receptacle Apartment 102	2
3	Receptacle Bathroom 101	1	Receptacle	20	1		180	2500	2	30	Electric Clothes Dryer		Receptacle 102 L6-30R	4
5	Receptacle Bedroom 103	1	Receptacle	20	1			1260 2500	--	--	--		--	6
7	Receptacle Bathroom 103	1	Receptacle	20	1	180	900		1	20	Receptacle	1	Receptacle Apartment 104	8
9	Receptacle Bedroom 105	1	Receptacle	20	1		1260	2500	2	30	Electric Clothes Dryer		Receptacle 104	10
11	Receptacle Bathroom 105	1	Receptacle	20	1			180 2500	--	--	--		--	12
13	Receptacle Bedroom 107	1	Receptacle	20	1	1260	180		1	20	Receptacle	1	Receptacle Bathroom 102/104	14
15	Receptacle Bathroom 107	1	Receptacle	20	1		180	720	1	20	Receptacle	2	Receptacle Kitchen 106	16
17	LTG - CORRIDOR 1A	1	Lighting	20	1			115 2500	2	50	Receptacle		Range 106	18
19	LTG - CONF. ROOM 108		Lighting	20	1	487	2500		--	--	--		--	20
21	LTG - KITCHEN 106		Lighting	20	1		349	371	1	20	Lighting	1	LTG - ADA RM 107	22
23	LTG - JANITOR 109		Lighting	20	1			240 276	1	20	Lighting		LTG - STAIRWELL	24
25	LTG - STAIRWELL		Lighting	20	1	306	--		1	--	--		Space	26
27	Spare		--	20	1		0	--	1	--	--		Space	28
29	Spare		--	20	1			0 --	1	--	--		Space	30
31	Spare		--	20	1	0	--		1	--	--		Space	32
33	Spare		--	20	1		0	--	1	--	--		Space	34
35	Spare		--	20	1			0 --	1	--	--		Space	36
37	Space		--	--	1	--	--		1	--	--		Space	38
39	Space		--	--	1		--	--	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					32517	29212	29702						
	Total Phase Connected Current (A):					272	243	248						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Electric Clothes Dryer	10000 VA	100.00%	10000 VA	**Total Connected Load (VA):**	91430 VA
Lighting	7356 VA	125.00%	9194 VA	**Total Demand Load (VA):**	61202 VA
Receptacle	74120 VA	56.75%	42060 VA	**Total Connected Current (A):**	254 A
				Highest Connected Phase Current (A):	272 A
				Total Demand Current (A):	170 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER
2. AFCI/GFCI DUAL FUNCTION BREAKER

Panel: L-1B **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 1B 100B **Mounting:** RECESSED **Phases:** 3 **Main Device Type:** MCB
Fed From: MPL1 **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 117	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 124	2
3	Receptacle Bathroom 117	1	Receptacle	20	1		180	180	1	20	Receptacle	1	Receptacle Bathroom 124	4
5	Receptacle Bedroom 119	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 122	6
7	Receptacle Bathroom 119	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 122	8
9	Receptacle Bedroom 121	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 120	10
11	Receptacle Bedroom 121	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 120	12
13	Receptacle Bedroom 123	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bathroom 118	14
15	Receptacle Bathroom 123	1	Receptacle	20	1		180	180	1	20	Receptacle	1	Receptacle Bathroom 118	16
17	LTG - BEDROOMS	1	Lighting	20	1			178 115	1	20	Lighting	1	LTG - CORRIDOR 1B	18
19	LTG - LAUNDRY 116	1	Lighting	20	1	283	180		1	20	Receptacle		REC - LOBBY 112	20
21	Spare		--	20	1		0	--	1	--	--		Space	22
23	Spare		--	20	1			0 --	1	--	--		Space	24
25	Spare		--	20	1	0	--		1	--	--		Space	26
27	Spare		--	20	1		0	--	1	--	--		Space	28
29	Spare		--	20	1			0 --	1	--	--		Space	30
31	Spare		--	20	1	0	--		1	--	--		Space	32
33	Spare		--	--	1			-- --	1	--	--		Space	34
35	Spare		--	--	1			-- --	1	--	--		Space	36
37	Spare		--	--	1	--	--		1	--	--		Space	38
39	Spare		--	--	1		--	--	1	--	--		Space	40
41	Spare		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					29553	23772	22968						
	Total Phase Connected Current (A):					247	199	191						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	5564 VA	125.00%	6955 VA	**Total Connected Load (VA):**	76293 VA
Receptacle	70740 VA	57.07%	40370 VA	**Total Demand Load (VA):**	47312 VA
				Total Connected Current (A):	212 A
				Highest Connected Phase Current (A):	247 A
				Total Demand Current (A):	131 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.26(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-1C **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 600 A **A.I.C. Rating:** 65,000
Location: Mechanical 113 **Mounting:** Surface **Phases:** 3 **Main Device Type:** MLO
Fed From: MPL2 **Wires:** 4 **Main Device Size:** -- **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Corridor 1A	1	Receptacle	20	1	1080	900		1	20	Heating		WH-1	2
3	Receptacle Corridor 1B	1	Receptacle	20	1		900	900	1	20	Heating		WH-2	4
5	EWC	2	Receptacle	20	1			500 900	1	20	Heating		WH-3	6
7	Receptacle 108		Receptacle	20	1	720	204		1	20	HVAC		UH-1	8
9	Receptacle 108		Receptacle	20	1		1080	355	1	20	Lighting		LTG - ELEVATOR CAB	10
11	Receptacle 110		Receptacle	20	1			720 80	1	20	Lighting		LTG - ELEVATOR PIT	12
13	Vending 111	2	Receptacle	20	1	180	500		1	20	Receptacle		HVAC CONTROL PANEL	14
15	Vending 111	2	Receptacle	20	1		180	200	1	20	Power	3	FACP	16
17	Receptacle 111		Receptacle	20	1			360 1222	1	20	Lighting		LTG - MAIN LOBBY	18
19	Receptacle 112		Receptacle	20	1	900	720		1	20	Receptacle		REC - MECHANICAL 113	20
21	Receptacle 114		Receptacle	20	1		180	360	1	20	Receptacle		REC - COMM. 125	22
23	REC - COMM. 125		Receptacle	20	1			360 720	1	20	Receptacle		REC - COMM. 125	24
25	REC - COMM. 125		Receptacle	20	1	720	720		1	20	Receptacle		REC - COMM. 125	26
27	REC - ICE BIN		Receptacle	20	1		500	1620	1	20	Motor		FCU-26,27	28
29	ELEV. SHUNT TRIP		Power	20	1			500 500	1	20	Power		ELEV. CAR ALARM	30
31	ELEV. CAR ALARM		Power	20	1	500	500		1	20	Power		ELEV. CONTROLS	32
33	ELEV. CONTROLS		Power	20	1		500	1392	1	20	Motor		FCU-1,2	34
35	FCU-3,4		Motor	20	1			1392 1224	1	20	Motor		FCU-24,25	36
37	FCU-5,6		Motor	20	1	1224	1224		1	20	Motor		FCU-20,22	38
39	LTG - MECHANICAL 113		Lighting	20	1		696	1224	1	20	Motor		FCU-7,8	40
41	FCU-9,10		Motor	20	1			1392 1392	1	20	Motor		FCU-11,12	42
43	FCU-13,14		Motor	20	1	1056	1392		1	20	Motor		FCU-15,16	44
45	FCU-17,18		Motor	20	1			1392 1224	1	20	Motor		FCU-19,21	46
47	MOTORIZED DAMPER		Power	20	1			180 0	1	20	Lighting		LTG - CONTACTOR	48
49	REC - EXTERIOR		Receptacle	20	1	540	696		1	20	Heating		EF-15	50
51	REC - 112A,112B		Receptacle	20	1		360	1176	1	20	Heating		SP-1	52
53	RCP-1		Heating	20	2			1373 300	1	20	Lighting - Exterior...		LTG - SW EXTERIOR	54
55	--		--	--	--	1373	310		1	20	Lighting - Exterior...		LTG - NW EXTERIOR	56
57	ELEV. SHUNT TRIP		Power	20	1		500	164	1	20	Lighting - Exterior...		LTG - EAST EXTERIOR	58
59	UH-2		HVAC	20	1			204 180	1	20	Receptacle		REC - IRRIGATION CONTROLLER	60
61	REC - EXTERIOR CONV.		Receptacle	20	1	540	540		1	20	Receptacle		REC - ELEVATOR A	62
63	REC - EXTERIOR CONV.		Receptacle	20	1			360 180	1	20	Receptacle		REC - ELEVATOR B	64
65	BOILER CONTROLS		Power	20	1			1000 500	1	20	Power		ELEV. CAB LIGHTS	66
67	B1	4	Motor; Power	20	1	1000	1000		1	20	Power		ELEV. EXHAUST FAN	68
69	B2	4	Motor; Power	20	1			1000 --	1	--	--		Space	70
71	REC - ELEV. EQUIP. 114		Receptacle	20	1			180 --	1	--	--		Space	72
73	Space		--	--	1	--	--		1	--	--		Space	74
75	Space		--	--	1			-- --	1	--	--		Space	76
77	Space		--	--	1			-- --	1	--	--		Space	78
79	Space		--	--	1	--	--		1	--	--		Space	80
81	Space		--	--	1			-- --	1	--	--		Space	82
83	Space		--	--	1			-- --	1	--	--		Space	84
	Total Phase Connected Load (VA):					58320	53285	54224						
	Total Phase Connected Current (A):					496	444	453						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Heating	7318 VA	100.00%	7318 VA	**Total Connected Load (VA):**	166820 VA
Lighting	7150 VA	125.00%	8937 VA	**Total Demand Load (VA):**	156680 VA
Lighting - Exterior	1120 VA	125.00%	1400 VA	**Total Connected Current (A):**	463 A
Motor	101716 VA	100.21%	101932 VA	**Highest Connected Phase Current (A):**	496 A
Power	14670 VA	100.00%	14670 VA	**Total Demand Current (A):**	435 A
Receptacle	34720 VA	64.40%	22360 VA		
HVAC	408 VA	100.00%	408 VA		

Notes:
A. Install feed-thru lugs to feed additional panels on floors above.
B. Panel is permitted to be series rated. Provide labeling per NEC 110.26(C). Lower rated breakers must be a minimum of 22K. See NEC 240.86(C).

Circuit Notes:
1. AFCI BREAKER
2. GFCI BREAKER
3. RED LOCK-ON BREAKER
4. SHUNT TRIP BREAKER

Panel: L-1D **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Laundry 116 **Mounting:** Surface **Phases:** 3 **Main Device Type:** MLO
Fed From: MPL1 **Wires:** 4 **Main Device Size:** N/A **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	REC - WASHER	1	Receptacle	20	1	1500	2500		2	30	Electric Clothes Dryer		DRYER RM 116	2
3	REC - WASHER	1	Receptacle	20	1		1500	2500	--	--	--		--	4
5	REC - WASHER	1	Receptacle	20	1			1500 2500	2	30	Electric Clothes Dryer		DRYER RM 116	6
7	REC - KITCHEN 115		Receptacle	20	1	720	2500		--	--	--		--	8
9	REC - KITCHEN RANGE		Receptacle	50	2		2500	2500	2	30	Electric Clothes Dryer		DRYER RM 116	10
11	--		--	--	--			2500 2500	--	--	--		--	12
13	REC - WASHER	1	Receptacle	20	1	1500	2500		2	30	Electric Clothes Dryer		DRYER RM 116	14
15	REC - WASHER	1	Receptacle	20	1		1500	2500	--	--	--		--	16
17	REC - RM 216	1	Receptacle	20	1			180 2500	2	30	Electric Clothes Dryer		DRYER RM 116	18
19	KITCHEN HOOD		Power	20	1	500	2500		--	--	--		--	20
21	Spare		--	20	1		0	2500	2	30	Electric Clothes Dryer		DRYER RM 116	22
23	Spare		--	20	1			0 2500	--	--	--		--	24
25	Spare		--	20	1	0	--		1	--	--		Space	26
27	Spare		--	20	1		0	--	1	--	--		Space	28
29	Space		--	--	1			-- --	1	--	--		Space	30
31	Space		--	--	1	--	--		1	--	--		Space	32
33	Space		--	--	1		--	--	1	--	--		Space	34
35	Space		--	--	1			-- --	1	--	--		Space	36
37	Space		--	--	1	--	--		1	--	--		Space	38
39	Space		--	--	1		--	--	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					14220	15500	14180						
	Total Phase Connected Current (A):					119	129	118						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Electric Clothes Dryer	30000 VA	75.00%	22500 VA	**Total Connected Load (VA):**	43900 VA
Power	500 VA	100.00%	500 VA	**Total Demand Load (VA):**	34700 VA
Receptacle	13400 VA	87.31%	11700 VA	**Total Connected Current (A):**	122 A
				Highest Connected Phase Current (A):	129 A
				Total Demand Current (A):	96 A

Notes:

Circuit Notes:
1. PROVIDE GFCI BREAKER.

Panel: L-PH **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Penthouse **Mounting:** Surface **Phases:** 3 **Main Device Type:** MLO
Fed From: MPL1 **Wires:** 4 **Main Device Size:** N/A **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	EF-1		HVAC	15	1	528	8916		3	150	HVAC		OAHU-1	2
3	EF-2		HVAC	15	1		528	8916	--	--	--		--	4
5	EF-3		HVAC	15	1			528 8916	--	--	--		--	6
7	EF-4		HVAC	15	1	528	2995		2	60	HVAC		OHP-1	8
9	EF-5		HVAC	15	1		528	2995	--	--	--		--	10
11	EF-6		HVAC	15	1			528 500	1	20	HVAC		UH-2	12
13	EF-7		HVAC	15	1	528	360		1	20	Receptacle		REC - WEST ROOF	14
15	EF-8		HVAC	15	1		528	360	1	20	Receptacle		REC - EAST ROOF	16
17	EF-9		HVAC	15	1			528 540	1	20	Receptacle		REC - PENTHOUSE	18
19	EF-10		HVAC	15	1	528	180		1	20	Receptacle		REC - ROOF CONV.	20
21	EF-11		HVAC	15	1		528	313	1	20	Lighting		LTG - PENTHOUSE	22
23	EF-12		HVAC	15	1			528 0	1	20	Lighting		CONTACTOR	24
25	EF-13		HVAC	15	1	528	1000		1	20	Lighting		LTG - NORTH FLOOD LIGHTS	26
27	LTG - SOUTH FLOOD LIGHTS		Lighting	20	1			1000 --	1	--	--		Space	28
29	Spare		--	20	1			0 --	1	--	--		Space	30
31	Spare		--	20	1	0	--		1	--	--		Space	32
33	Spare		--	20	1		0	--	1	--	--		Space	34
35	Spare		--	20	1			0 --	1	--	--		Space	36
37	Space		--	--	1	--	--		1	--	--		Space	38
39	Space		--	--	1		--	--	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					16091	15681	12068						
	Total Phase Connected Current (A):					139	135	101						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	2300 VA	125.00%	2875 VA	**Total Connected Load (VA):**	43841 VA
Receptacle	1440 VA	100.00%	1440 VA	**Total Demand Load (VA):**	44415 VA
HVAC	40103 VA	100.00%	40103 VA	**Total Connected Current (A):**	122 A
				Highest Connected Phase Current (A):	139 A
				Total Demand Current (A):	123 A

Notes:

Circuit Notes:

GS# 104-215 JONES HALL RENOVATIONS

Mississippi University for Women

SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE
510 UNIVERSITY DRIVE
STARKVILLE, MISSISSIPPI 39759
szzarch.com T(662) 323-1628

SHEET E006

ELECTRICAL PANELBOARD SCHEDULES

DATE: 6.20.2025
SZZARCH# 2414
DRAWN BY: GJC
CHECKED BY: AMM

REVISIONS:
1 8/27/2025 Addendum #2
2 8/29/2025 Addendum #3

Dewberry
1900 Lakeland Drive
Jackson, MS 39216
(601) 362-6478
www.dewberry.com

Project Number :
50171832

C:\Users\gcase\Documents\revit local\50171832-E-R24_gcaseV5H8K.rvt

Panel: L-2A **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 2A -- **Mounting:** Recessed **Phases:** 3 **Main Device Type:** MCB
Fed From: L-1A **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	Phase Load (VA) A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 201	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 202	2
3	Receptacle Bathroom 201	1	Receptacle	20	1			180	180		1	20	Receptacle	1	Receptacle Bathroom 202	4
5	Receptacle Bedroom 203	1	Receptacle	20	1					1080	1080	1	20	Receptacle	1	Receptacle Bedroom 204	6
7	Receptacle Bathroom 203	1	Receptacle	20	1	180	180					1	20	Receptacle	1	Receptacle Bathroom 204	8
9	Receptacle Bedroom 205	1	Receptacle	20	1			1080	1080			1	20	Receptacle	1	Receptacle Bedroom 206	10
11	Receptacle Bathroom 205	1	Receptacle	20	1					180	180	1	20	Receptacle	1	Receptacle Bathroom 206	12
13	Receptacle Bedroom 207	1	Receptacle	20	1	1080	1080					1	20	Receptacle	1	Receptacle Bedroom 208	14
15	Receptacle Bathroom 207	1	Receptacle	20	1			180	180			1	20	Receptacle	1	Receptacle Bathroom 208	16
17	Receptacle Bedroom 209	1	Receptacle	20	1					1080	1080	1	20	Receptacle	1	Receptacle Bedroom 210	18
19	Receptacle Bathroom 209	1	Receptacle	20	1	180	180					1	20	Receptacle	1	Receptacle Bathroom 210	20
21	Receptacle Bedroom 211	1	Receptacle	20	1			1080	1080			1	20	Receptacle	1	Receptacle Bedroom 212	22
23	Receptacle Bathroom 211	1	Receptacle	20	1					180	180	1	20	Receptacle	1	Receptacle Bathroom 212	24
25	LTG - DORMS - EAST	1	Lighting	20	1	533	527					1	20	Lighting	1	LTG - DORMS - WEST	26
27	LTG - CORRIDOR 2A	1	Lighting	20	1			247	--			1	--	--		Space	28
29	Spare		--	20	1					0	--	1	--	--		Space	30
31	Spare		--	20	1	0	--					1	--	--		Space	32
33	Spare		--	20	1			0	--			1	--	--		Space	34
35	Spare		--	20	1					0	--	1	--	--		Space	36
37	Spare		--	20	1	0	--					1	--	--		Space	38
39	Space		--	--	1			--	--			1	--	--		Space	40
41	Space		--	--	1					--	--	1	--	--		Space	42
	Total Phase Connected Load (VA):					24401		21159			20160						
	Total Phase Connected Current (A):					205		178			168						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	5248 VA	125.00%	6560 VA	**Total Connected Load (VA):**	65719 VA
Receptacle	60480 VA	58.27%	35240 VA	**Total Demand Load (VA):**	41789 VA
				Total Connected Current (A):	182 A
				Highest Connected Phase Current (A):	205 A
				Total Demand Current (A):	116 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above. MCB shall be downstream of lugs so that panels are isolated from each other when the main circuit breaker is activated.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-2B **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 2B __ **Mounting:** Recessed **Phases:** 3 **Main Device Type:** MCB
Fed From: L-1B **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	Phase Load (VA) A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 201	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 202	2
3	Receptacle Bathroom 201	1	Receptacle	20	1			180	180		1	20	Receptacle	1	Receptacle Bathroom 202	4
5	Receptacle Bedroom 203	1	Receptacle	20	1					1080	1080	1	20	Receptacle	1	Receptacle Bedroom 204	6
7	Receptacle Bathroom 203	1	Receptacle	20	1	180	180					1	20	Receptacle	1	Receptacle Bathroom 204	8
9	Receptacle Bedroom 205	1	Receptacle	20	1			1080	1080			1	20	Receptacle	1	Receptacle Bedroom 206	10
11	Receptacle Bathroom 205	1	Receptacle	20	1					180	180	1	20	Receptacle	1	Receptacle Bathroom 206	12
13	Receptacle Bedroom 207	1	Receptacle	20	1	1080	1080					1	20	Receptacle	1	Receptacle Bedroom 208	14
15	Receptacle Bathroom 207	1	Receptacle	20	1			180	180			1	20	Receptacle	1	Receptacle Bathroom 208	16
17	Receptacle Bedroom 209	1	Receptacle	20	1					1080	1080	1	20	Receptacle	1	Receptacle Bedroom 210	18
19	Receptacle Bathroom 209	1	Receptacle	20	1	180	180					1	20	Receptacle	1	Receptacle Bathroom 210	20
21	Receptacle Bedroom 211	1	Receptacle	20	1			1080	1080			1	20	Receptacle	1	Receptacle Bedroom 212	22
23	Receptacle Bathroom 211	1	Receptacle	20	1					180	180	1	20	Receptacle	1	Receptacle Bathroom 212	24
25	LTG - DORMS - EAST	1	Lighting	20	1	533	527					1	20	Lighting	1	LTG - DORMS - WEST	26
27	LTG - CORRIDOR 2B	1	Lighting	20	1			213	--			1	--	--		Space	28
29	Spare		--	20	1					0	--	1	--	--		Space	30
31	Spare		--	20	1	0	--					1	--	--		Space	32
33	Spare		--	20	1			0	--			1	--	--		Space	34
35	Spare		--	20	1					0	--	1	--	--		Space	36
37	Spare		--	20	1	0	--					1	--	--		Space	38
39	Space		--	--	1			--	--			1	--	--		Space	40
41	Space		--	--	1					--	--	1	--	--		Space	42
	Total Phase Connected Load (VA):					24424		20892			20160						
	Total Phase Connected Current (A):					204		175			168						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	5001 VA	125.00%	6251 VA	**Total Connected Load (VA):**	65475 VA
Receptacle	60480 VA	58.27%	35240 VA	**Total Demand Load (VA):**	41485 VA
				Total Connected Current (A):	182 A
				Highest Connected Phase Current (A):	204 A
				Total Demand Current (A):	115 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above. MCB shall be downstream of lugs so that panels are isolated from each other when the main circuit breaker is activated.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-2C **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 600 A **A.I.C. Rating:** 65,000
Location: Mechanical 227 **Mounting:** Surface **Phases:** 3 **Main Device Type:** MLO
Fed From: L-1C **Wires:** 4 **Main Device Size:** -- **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	Phase Load (VA) A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Corridor 2A	2	Receptacle	20	1	540	1224		1	20	Motor		FCU-34,35	2
3	Receptacle Corridor 2B	2	Receptacle	20	1			540	1224		1	20	Motor		FCU-23,36	4
5	EWC	1	Receptacle	20	1					500	1224	1	20	Motor		FCU-49,50	6
7	Receptacle 226		Receptacle	20	1	540	720					1	20	Receptacle		REC -TBB 229	8
9	Receptacle 226		Receptacle	20	1			540	360			1	20	Receptacle		REC - COMM. 229	10
11	Receptacle 228		Receptacle	20	1					540	720	1	20	Receptacle		REC -TBB 229	12
13	LTG - MAIN LOBBY		Lighting - Exterior	20	1	1291	720					1	20	Receptacle		REC -TBB 229	14
15	FCU-51,52		Motor	20	1			1224	360			1	20	Receptacle		REC - COMM. 229	16
17	OHP-3		Power	20	2					1498	1498	2	20	Power		OHP-2	18
19	--		--	--	--	1498	1498					--	--	--		--	20
21	EF-14		Motor	20	1			864	83			2	20	Motor		IHP-1A	22
23	FCU-28,29		Motor	20	1					1392	83	--	--	--		--	24
25	FCU-30,31		Motor	20	1	1224	1392					1	20	Motor		FCU-32,33	26
27	FCU-53,54		Motor	20	1			1392	1392			1	20	Motor		FCU-55,56	28
29	FCU-57,58		Motor	20	1					1056	1392	1	20	Motor		FCU-37,38	30
31	FCU-39,40		Motor	20	1	1392	1392					1	20	Motor		FCU-41,42	32
33	FCU-43,44		Motor	20	1			1056	1224			1	20	Motor		FCU-45,46	34
35	FCU-47,48		Motor	20	1					1392	0	1	20	--		Spare	36
37	NAC		Power	20	1	200	--					1	--	--		Space	38
39	Spare		--	20	1			0	--			1	--	--		Space	40
41	Spare		--	20	1					0	--	1	--	--		Space	42
	Total Phase Connected Load (VA):					40796		36884			39112						
	Total Phase Connected Current (A):					343		307			329						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	4600 VA	125.00%	5751 VA	**Total Connected Load (VA):**	116785 VA
Lighting - Exterior	560 VA	125.00%	700 VA	**Total Demand Load (VA):**	113031 VA
Motor	84568 VA	100.26%	84784 VA	**Total Connected Current (A):**	324 A
Power	6790 VA	100.00%	6790 VA	**Highest Connected Phase Current (A):**	343 A
Receptacle	20440 VA	74.46%	15220 VA	**Total Demand Current (A):**	314 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above.
B. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C). Lower rated breakers must be a minimum of 22K. See NEC 240.86(C).

Circuit Notes:
1. GFCI BREAKER
2. AFCI BREAKER

Panel: L-3A **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 3A --- **Mounting:** Recessed **Phases:** 3 **Main Device Type:** MCB
Fed From: L-2A **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	Phase Load (VA) A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 301	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 302	2
3	Receptacle Bathroom 301	1	Receptacle	20	1			180	180		1	20	Receptacle	1	Receptacle Bathroom 302	4
5	Receptacle Bedroom 303	1	Receptacle	20	1					1080	1080	1	20	Receptacle	1	Receptacle Bedroom 304	6
7	Receptacle Bathroom 303	1	Receptacle	20	1	180	180					1	20	Receptacle	1	Receptacle Bathroom 304	8
9	Receptacle Bedroom 305	1	Receptacle	20	1			1080	1080			1	20	Receptacle	1	Receptacle Bedroom 306	10
11	Receptacle Bathroom 305	1	Receptacle	20	1					180	180	1	20	Receptacle	1	Receptacle Bathroom 306	12
13	Receptacle Bedroom 307	1	Receptacle	20	1	1080	1080					1	20	Receptacle	1	Receptacle Bedroom 308	14
15	Receptacle Bathroom 307	1	Receptacle	20	1			180	180			1	20	Receptacle	1	Receptacle Bathroom 308	16
17	Receptacle Bedroom 309	1	Receptacle	20	1					1080	1080	1	20	Receptacle	1	Receptacle Bedroom 310	18
19	Receptacle Bathroom 309	1	Receptacle	20	1	180	180					1	20	Receptacle	1	Receptacle Bathroom 310	20
21	Receptacle Bedroom 311	1	Receptacle	20	1			1080	1080			1	20	Receptacle	1	Receptacle Bedroom 312	22
23	Receptacle Bathroom 311	1	Receptacle	20	1					180	180	1	20	Receptacle	1	Receptacle Bathroom 312	24
25	LTG - DORMS - WEST	1	Lighting	20	1	527	533					1	20	Lighting	1	LTG - DORMS - EAST	26
27	LTG - CORRIDOR 3A	1	Lighting	20	1			247	--			1	--	--		Space	28
29	Spare		--	20	1					0	--	1	--	--		Space	30
31	Spare		--	20	1	0	--					1	--	--		Space	32
33	Spare		--	20	1			0	--			1	--	--		Space	34
35	Spare		--	20	1					0	--	1	--	--		Space	36
37	Space		--	--	1	--	--					1	--	--		Space	38
39	Space		--	--	1			--	--			1	--	--		Space	40
41	Space		--	--	1					--	--	1	--	--		Space	42
	Total Phase Connected Load (VA):					18301		15883			15120						
	Total Phase Connected Current (A):					153		133			126						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	3949 VA	125.00%	4937 VA	**Total Connected Load (VA):**	49302 VA
Receptacle	45360 VA	61.02%	27680 VA	**Total Demand Load (VA):**	32609 VA
				Total Connected Current (A):	137 A
				Highest Connected Phase Current (A):	153 A
				Total Demand Current (A):	91 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above. MCB shall be downstream of lugs so that panels are isolated from each other when the main circuit breaker is activated.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-3B **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 3B ___ **Mounting:** Recessed **Phases:** 3 **Main Device Type:** MCB
Fed From: L-2B **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	Phase Load (VA) A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 313	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 314	2
3	Receptacle Bathroom 313	1	Receptacle	20	1			180	180		1	20	Receptacle	1	Receptacle Bathroom 314	4
5	Receptacle Bedroom 315	1	Receptacle	20	1					1080	1080	1	20	Receptacle	1	Receptacle Bedroom 316	6
7	Receptacle Bathroom 315	1	Receptacle	20	1	180	180					1	20	Receptacle	1	Receptacle Bathroom 316	8
9	Receptacle Bedroom 317	1	Receptacle	20	1			1080	1080			1	20	Receptacle	1	Receptacle Bedroom 318	10
11	Receptacle Bathroom 317	1	Receptacle	20	1					180	180	1	20	Receptacle	1	Receptacle Bathroom 318	12
13	Receptacle Bedroom 319	1	Receptacle	20	1	1080	1080					1	20	Receptacle	1	Receptacle Bedroom 320	14
15	Receptacle Bathroom 319	1	Receptacle	20	1			180	180			1	20	Receptacle	1	Receptacle Bathroom 320	16
17	Receptacle Bedroom 321	1	Receptacle	20	1					1080	1080	1	20	Receptacle	1	Receptacle Bedroom 322	18
19	Receptacle Bathroom 321	1	Receptacle	20	1	180	180					1	20	Receptacle	1	Receptacle Bathroom 322	20
21	Receptacle Bedroom 323	1	Receptacle	20	1			1080	1080			1	20	Receptacle	1	Receptacle Bedroom 324	22
23	Receptacle Bathroom 323	1	Receptacle	20	1					180	180	1	20	Receptacle	1	Receptacle Bathroom 324	24
25	LTG - DORMS - WEST	1	Lighting	20	1	527	533					1	20	Lighting	1	LTG - DORMS - EAST	26
27	LTG - CORRIDOR 3B	1	Lighting	20	1			247	--			1	--	--		Space	28
29	Spare		--	20	1					0	--	1	--	--		Space	30
31	Spare		--	20	1	0	--					1	--	--		Space	32
33	Spare		--	20	1			0	--			1	--	--		Space	34
35	Spare		--	20	1					0	--	1	--	--		Space	36
37	Space		--	--	1	--	--					1	--	--		Space	38
39	Space		--	--	1			--	--			1	--	--		Space	40
41	Space		--	--	1					--	--	1	--	--		Space	42
	Total Phase Connected Load (VA):					18324		15649			15120						
	Total Phase Connected Current (A):					153		131			126						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	3736 VA	125.00%	4670 VA	**Total Connected Load (VA):**	49092 VA
Receptacle	45360 VA	61.02%	27680 VA	**Total Demand Load (VA):**	32346 VA
				Total Connected Current (A):	136 A
				Highest Connected Phase Current (A):	153 A
				Total Demand Current (A):	90 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above. MCB shall be downstream of lugs so that panels are isolated from each other when the main circuit breaker is activated.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-3C **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 600 A **A.I.C. Rating:** 65,000
Location: Mechanical 327 **Mounting:** Surface **Phases:** 3 **Main Device Type:** MLO
Fed From: L-2C **Wires:** 4 **Main Device Size:** -- **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	Phase Load (VA) A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Corridor 3A	3	Receptacle	20	1	540	1224		1	20	Motor		FCU-65,66	2
3	Receptacle Corridor 3B	3	Receptacle	20	1			540	1224		1	20	Motor		FCU-67,152	4
5	LTG - MAIN LOBBY		Lighting - Exterior	20	1					1291	1224	1	20	Motor		FCU-80,81	6
7	EWC	1	Receptacle	20	1	500	1224					1	20	Motor		FCU-82,83	8
9	REC - TBB 325		Receptacle	20	1			720	720			1	20	Receptacle		REC - TBB 325	10
11	REC - TBB 325		Receptacle	20	1					720	360	1	20	Receptacle		REC - COMM.325	12
13	REC - COMM. 325		Receptacle	20	1	360	83					2	20	Motor		IHP-1B	14
15	REC - QUIET RM 328		Receptacle	20	1			540	83			--	--	--		--	16
17	FCU-59,60		Motor	20	1					1392	1224	1	20	Motor		FCU-61,62	18
19	FCU-63,64		Motor	20	1	1392	1392					1	20	Motor		FCU-84,85	20
21	FCU-86,87		Motor	20	1			1392	1224			1	20	Motor		FCU-88,89	22
23	FCU-68,69		Motor	20	1					1392	1392	1	20	Motor		FCU-70,71	24
25	FCU-72,73		Motor	20	1	1392	1056					1	20	Motor		FCU-74,75	26
27	FCU-76,77		Motor	20	1			1392	1392			1	20	Motor		FCU-78,79	28
29	NAC		Power	20	1					200	--	1	--	--		Space	30
31	Spare		--	20	1	0	--					1	--	--		Space	32
33	Spare		--	20	1			0	--			1	--	--		Space	34
35	Spare		--	20	1					0	--	1	--	--		Space	36
37	L-4C (Sub Feed)	2	--	225	3	0	--					1	--	--		Space	38
39	--		--	--	--			0	--			1	--	--		Space	40
41	--		--	--	--					0	--	1	--	--		Space	42
	Total Phase Connected Load (VA):					27209		26625			27823						
	Total Phase Connected Current (A):					227		222			233						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	3449 VA	125.00%	4311 VA	**Total Connected Load (VA):**	81645 VA
Lighting - Exterior	420 VA	125.00%	525 VA	**Total Demand Load (VA):**	80576 VA
Motor	62946 VA	100.28%	63120 VA	**Total Connected Current (A):**	227 A
Power	600 VA	100.00%	600 VA	**Highest Connected Phase Current (A):**	233 A
Receptacle	14360 VA	84.82%	12180 VA	**Total Demand Current (A):**	224 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above.
B. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C). Lower rated breakers must be a minimum of 22K. See NEC 240.86(C).

Circuit Notes:
1. GFCI BREAKER
2. PROVIDE (1) 225/3 SUBFEED BREAKER FOR L-3C. SEE RISER DIAGRAM.
3. AFCI BREAKER

GS# 104-215 JONES HALL RENOVATIONS

Mississippi University for Women

FREDERICK MICHAEL MAIER
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SHEET E007

ELECTRICAL PANELBOARD SCHEDULES

DATE: 6.20.2025
SZZARCH# 2414
DRAWN BY: GJC
CHECKED BY: AMM

REVISIONS:
2 8/29/2025 Addendum #3

Dewberry
1900 Lakeland Drive
Jackson, MS 39216
(601) 362-6478
www.dewberry.com

Project Number :
50171832

Panel: L-4A **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 4A ---- **Mounting:** Recessed **Phases:** 3 **Main Device Type:** MCB
Fed From: L-3A **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 401	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 402	2
3	Receptacle Bathroom 401	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 402	4
5	Receptacle Bedroom 403	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 404	6
7	Receptacle Bathroom 403	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 404	8
9	Receptacle Bedroom 405	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 406	10
11	Receptacle Bathroom 405	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 406	12
13	Receptacle Bedroom 407	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 408	14
15	Receptacle Bathroom 407	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 408	16
17	Receptacle Bedroom 409	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 410	18
19	Receptacle Bathroom 409	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 410	20
21	Receptacle Bedroom 411	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 412	22
23	Receptacle Bathroom 411	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 412	24
25	LTG - DORMS - EAST	1	Lighting	20	1	533	527		1	20	Lighting	1	LTG - DORMS - WEST	26
27	LTG - CORRIDOR 4A	1	Lighting	20	1		244	-- --	1	--	--		Space	28
29	Spare		--	20	1			0 --	1	--	--		Space	30
31	Spare		--	20	1	0	--		1	--	--		Space	32
33	Spare		--	20	1		0	-- --	1	--	--		Space	34
35	Spare		--	20	1			0 --	1	--	--		Space	36
37	Spare		--	20	1	0	--		1	--	--		Space	38
39	Space		--	--	1		--	-- --	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					12201	10607	10080						
	Total Phase Connected Current (A):					102	89	84						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	2651 VA	125.00%	3314 VA	**Total Connected Load (VA):**	32886 VA
Receptacle	30240 VA	66.53%	20120 VA	**Total Demand Load (VA):**	23428 VA
				Total Connected Current (A):	91 A
				Highest Connected Phase Current (A):	102 A
				Total Demand Current (A):	65 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above. MCB shall be downstream of lugs so that panels are isolated from each other when the main circuit breaker is activated.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-4B **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 4B ____ **Mounting:** Recessed **Phases:** 3 **Main Device Type:** MCB
Fed From: L-3B **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 413	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 414	2
3	Receptacle Bathroom 413	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 414	4
5	Receptacle Bedroom 415	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 416	6
7	Receptacle Bathroom 415	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 416	8
9	Receptacle Bedroom 417	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 418	10
11	Receptacle Bathroom 417	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 418	12
13	Receptacle Bedroom 419	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 420	14
15	Receptacle Bathroom 419	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 420	16
17	Receptacle Bedroom 421	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 422	18
19	Receptacle Bathroom 421	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 422	20
21	Receptacle Bedroom 423	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 424	22
23	Receptacle Bathroom 423	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 424	24
25	LTG - DORMS - EAST	1	Lighting	20	1	556	527		1	20	Lighting	1	LTG - DORMS - WEST	26
27	LTG - CORRIDOR 4B	1	Lighting	20	1		0	-- --	1	--	--		Space	28
29	Spare		--	20	1			0 --	1	--	--		Space	30
31	Spare		--	20	1	0	--		1	--	--		Space	32
33	Spare		--	20	1		0	-- --	1	--	--		Space	34
35	Spare		--	20	1			0 --	1	--	--		Space	36
37	Space		--	--	1	--	--		1	--	--		Space	38
39	Space		--	--	1		--	-- --	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					12223	10373	10080						
	Total Phase Connected Current (A):					102	87	84						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	2438 VA	125.00%	3048 VA	**Total Connected Load (VA):**	32676 VA
Receptacle	30240 VA	66.53%	20120 VA	**Total Demand Load (VA):**	23165 VA
				Total Connected Current (A):	91 A
				Highest Connected Phase Current (A):	102 A
				Total Demand Current (A):	64 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above. MCB shall be downstream of lugs so that panels are isolated from each other when the main circuit breaker is activated.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-4C **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Mechanical 425 **Mounting:** Surface **Phases:** 3 **Main Device Type:** MLO
Fed From: L-3C **Wires:** 4 **Main Device Size:** -- **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Corridor 4A	2	Receptacle	20	1	540	1224		1	20	Motor		FCU-96,97	2
3	Receptacle Corridor 4B	2	Receptacle	20	1		540	1224	1	20	Motor		FCU-153,98	4
5	LTG - MAIN LOBBY		Lighting - Exterior	20	1			1285 1224	1	20	Motor		FCU-111,112	6
7	EWC	1	Receptacle	20	1	180	1224		1	20	Motor		FCU-113,114	8
9	REC - COMM. 428		Receptacle	20	1		360	360	1	20	Receptacle		REC - COMM. 428	10
11	REC - TBB 428		Receptacle	20	1			720 720	1	20	Receptacle		REC - TBB 428	12
13	REC - TBB 428		Receptacle	20	1	720	83		2	20	Motor		IHP-1C	14
15	REC - QUIET RM 427		Receptacle	20	1		540	83	--	--	--		--	16
17	FCU-90,91		Motor	20	1			1392 1224	1	20	Motor		FCU-92,93	18
19	FCU-94,95		Motor	20	1	1392	1392		1	20	Motor		FCU-115,116	20
21	FCU-117,118		Motor	20	1		1392	1392	1	20	Motor		FCU-119,120	22
23	FCU-99,100		Motor	20	1			1392 1392	1	20	Motor		FCU-101,102	24
25	FCU-103,104		Motor	20	1	1392	1056		1	20	Motor		FCU-105,106	26
27	FCU-107,108		Motor	20	1			1248 1392	1	20	Motor		FCU-109,110	28
29	NAC		Power	20	1			200 --	1	--	--		Space	30
31	Spare		--	20	1			-- --	1	--	--		Space	32
33	Spare		--	20	1		0	--	1	--	--		Space	34
35	Spare		--	20	1			0 --	1	--	--		Space	36
37	Space		--	--	1	--	--		1	--	--		Space	38
39	Space		--	--	1		--	-- --	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					18046	17566	18667						
	Total Phase Connected Current (A):					151	146	156						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	2297 VA	125.00%	2871 VA	**Total Connected Load (VA):**	54271 VA
Lighting - Exterior	280 VA	125.00%	350 VA	**Total Demand Load (VA):**	55068 VA
Motor	42020 VA	100.41%	42194 VA	**Total Connected Current (A):**	151 A
Power	400 VA	100.00%	400 VA	**Highest Connected Phase Current (A):**	156 A
Receptacle	9360 VA	100.00%	9360 VA	**Total Demand Current (A):**	153 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above.
B. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C). Lower rated breakers must be a minimum of 22K. See NEC 240.86(C).

Circuit Notes:
1. GFCI BREAKER
2. AFCI BREAKER

Panel: L-5A **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 5A . **Mounting:** Recessed **Phases:** 3 **Main Device Type:** MCB
Fed From: L-4A **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 401	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 402	2
3	Receptacle Bathroom 401	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 402	4
5	Receptacle Bedroom 403	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 404	6
7	Receptacle Bathroom 403	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 404	8
9	Receptacle Bedroom 405	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 406	10
11	Receptacle Bathroom 405	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 406	12
13	Receptacle Bedroom 407	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 408	14
15	Receptacle Bathroom 407	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 408	16
17	Receptacle Bedroom 409	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 410	18
19	Receptacle Bathroom 409	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 410	20
21	Receptacle Bedroom 411	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 412	22
23	Receptacle Bathroom 411	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 412	24
25	LTG - DORMS - WEST	1	Lighting	20	1	527	533		1	20	Lighting	1	LTG - DORMS - EAST	26
27	LTG - CORR, STO, STAIR	1	Lighting	20	1		307	-- --	1	--	--		Space	28
29	Spare		--	20	1			0 --	1	--	--		Space	30
31	Spare		--	20	1	0	--		1	--	--		Space	32
33	Spare		--	20	1		0	-- --	1	--	--		Space	34
35	Spare		--	20	1			0 --	1	--	--		Space	36
37	Space		--	--	1	--	--		1	--	--		Space	38
39	Space		--	--	1		--	-- --	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					6100	5334	5040						
	Total Phase Connected Current (A):					51	45	42						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	1356 VA	125.00%	1695 VA	**Total Connected Load (VA):**	16473 VA
Receptacle	15120 VA	83.07%	12560 VA	**Total Demand Load (VA):**	14252 VA
				Total Connected Current (A):	46 A
				Highest Connected Phase Current (A):	51 A
				Total Demand Current (A):	40 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above. MCB shall be downstream of lugs so that panels are isolated from each other when the main circuit breaker is activated.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-5B **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Corridor 5B .. **Mounting:** Recessed **Phases:** 3 **Main Device Type:** MCB
Fed From: L-4B **Wires:** 4 **Main Device Size:** 225/3 **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Bedroom 513	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 514	2
3	Receptacle Bedroom 513	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bedroom 514	4
5	Receptacle Bedroom 515	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 516	6
7	Receptacle Bathroom 515	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 516	8
9	Receptacle Bedroom 517	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 518	10
11	Receptacle Bathroom 517	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 518	12
13	Receptacle Bedroom 519	1	Receptacle	20	1	1080	1080		1	20	Receptacle	1	Receptacle Bedroom 520	14
15	Receptacle Bathroom 519	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 520	16
17	Receptacle Bedroom 521	1	Receptacle	20	1			1080 1080	1	20	Receptacle	1	Receptacle Bedroom 522	18
19	Receptacle Bathroom 521	1	Receptacle	20	1	180	180		1	20	Receptacle	1	Receptacle Bathroom 522	20
21	Receptacle Bedroom 523	1	Receptacle	20	1		1080	1080	1	20	Receptacle	1	Receptacle Bedroom 524	22
23	Receptacle Bathroom 523	1	Receptacle	20	1			180 180	1	20	Receptacle	1	Receptacle Bathroom 524	24
25	LTG - DORMS - WEST	1	Lighting	20	1	527	533		1	20	Lighting	1	LTG - DORMS - EAST	26
27	LTG - CORR, STO, STAIR	1	Lighting	20	1		307	-- --	1	--	--		Space	28
29	Spare		--	20	1			0 --	1	--	--		Space	30
31	Spare		--	20	1	0	--		1	--	--		Space	32
33	Spare		--	20	1		0	-- --	1	--	--		Space	34
35	Spare		--	20	1			0 --	1	--	--		Space	36
37	Space		--	--	1	--	--		1	--	--		Space	38
39	Space		--	--	1		--	-- --	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					6100	5334	5040						
	Total Phase Connected Current (A):					51	45	42						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	1356 VA	125.00%	1695 VA	**Total Connected Load (VA):**	16473 VA
Receptacle	15120 VA	83.07%	12560 VA	**Total Demand Load (VA):**	14252 VA
				Total Connected Current (A):	46 A
				Highest Connected Phase Current (A):	51 A
				Total Demand Current (A):	40 A

Notes:
A. Install feed-thru lugs to feed additional panels on floors above. MCB shall be downstream of lugs so that panels are isolated from each other when the main circuit breaker is activated.
B. Coordinate with the general contractor to provide all means to cut, patch, repair, etc. the existing wall so the new panel will be flush within the wall.
C. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C).

Circuit Notes:
1. AFCI BREAKER

Panel: L-5C **Enclosure:** NEMA 1 **Volts:** 120/208 Wye **Bus Rating:** 225 A **A.I.C. Rating:** 65,000
Location: Mechanical 525 **Mounting:** Surface **Phases:** 3 **Main Device Type:** MLO
Fed From: L-4C **Wires:** 4 **Main Device Size:** -- **Fault Current:**

Ckt	Description	Ckt Notes	Load Class	Trip (A)	Poles	A	B	C	Poles	Trip (A)	Load Class	Ckt Notes	Description	Ckt
1	Receptacle Corridor 5A	2	Receptacle	20	1	540	1224		1	20	Motor		FCU-127,128	2
3	Receptacle Corridor 5B	2	Receptacle	20	1		540	1392	1	20	Motor		FCU-154,129	4
5	LTG - CENTER ROOMS		Lighting - Exterior	20	1			1291 1224	1	20	Motor		FCU-142,143	6
7	EWC	1	Receptacle	20	1	180	1224		1	20	Motor		FCU-144,145	8
9	REC - TBB 528		Receptacle	20	1		720	720	1	20	Receptacle		REC - TBB 528	10
11	REC - TBB 528		Receptacle	20	1			720 360	1	20	Receptacle		REC - COMM. 528	12
13	REC - COMM. 528		Receptacle	20	1	360	83		2	20	Motor		IHP-1D	14
15	REC - QUIET RM 527		Receptacle	20	1		540	83	--	--	--		--	16
17	FCU-121,122		Motor	20	1			1392 1224	1	20	Motor		FCU-123,124	18
19	FCU-125,126		Motor	20	1	1392	1392		1	20	Motor		FCU-146,147	20
21	FCU-148,149		Motor	20	1		1392	1056	1	20	Motor		FCU-150,151	22
23	FCU-130,131		Motor	20	1			1392 1392	1	20	Motor		FCU-132,133	24
25	FCU-134,135		Motor	20	1	1392	1056		1	20	Motor		FCU-136,137	26
27	FCU-138,139		Motor	20	1			1248 1392	1	20	Motor		FCU-140,141	28
29	NAC		Power	20	1			200 --	1	--	--		Space	30
31	Spare		--	20	1			-- --	1	--	--		Space	32
33	Spare		--	20	1		0	--	1	--	--		Space	34
35	Spare		--	20	1			0 --	1	--	--		Space	36
37	Space		--	--	1	--	--		1	--	--		Space	38
39	Space		--	--	1		--	-- --	1	--	--		Space	40
41	Space		--	--	1			-- --	1	--	--		Space	42
	Total Phase Connected Load (VA):					8843	9059	9157						
	Total Phase Connected Current (A):					74	76	77						

Load Classification	Connected Load (VA)	Demand Factor	Demand Load (VA)	Panel Totals:	
Lighting	1152 VA	125.00%	1440 VA	**Total Connected Load (VA):**	27055 VA
Lighting - Exterior	140 VA	125.00%	175 VA	**Total Demand Load (VA):**	27541 VA
Motor	20926 VA	100.83%	21100 VA	**Total Connected Current (A):**	75 A
Power	200 VA	100.00%	200 VA	**Highest Connected Phase Current (A):**	77 A
Receptacle	4680 VA	100.00%	4680 VA	**Total Demand Current (A):**	76 A

Notes:
A. Panel is permitted to be series rated. Provide labeling per NEC 110.22(C). Lower rated breakers must be a minimum of 22K. See NEC 240.86(C).

Circuit Notes:
1. GFCI BREAKER
2. AFCI BREAKER

GS# 104-215 JONES HALL RENOVATIONS

Mississippi University for Women

SHAFER ZAHNER ZAHNER
OFFICE OF ARCHITECTURE
510 UNIVERSITY DRIVE
STARKVILLE, MISSISSIPPI 39759
szzarch.com T(662) 323-1628

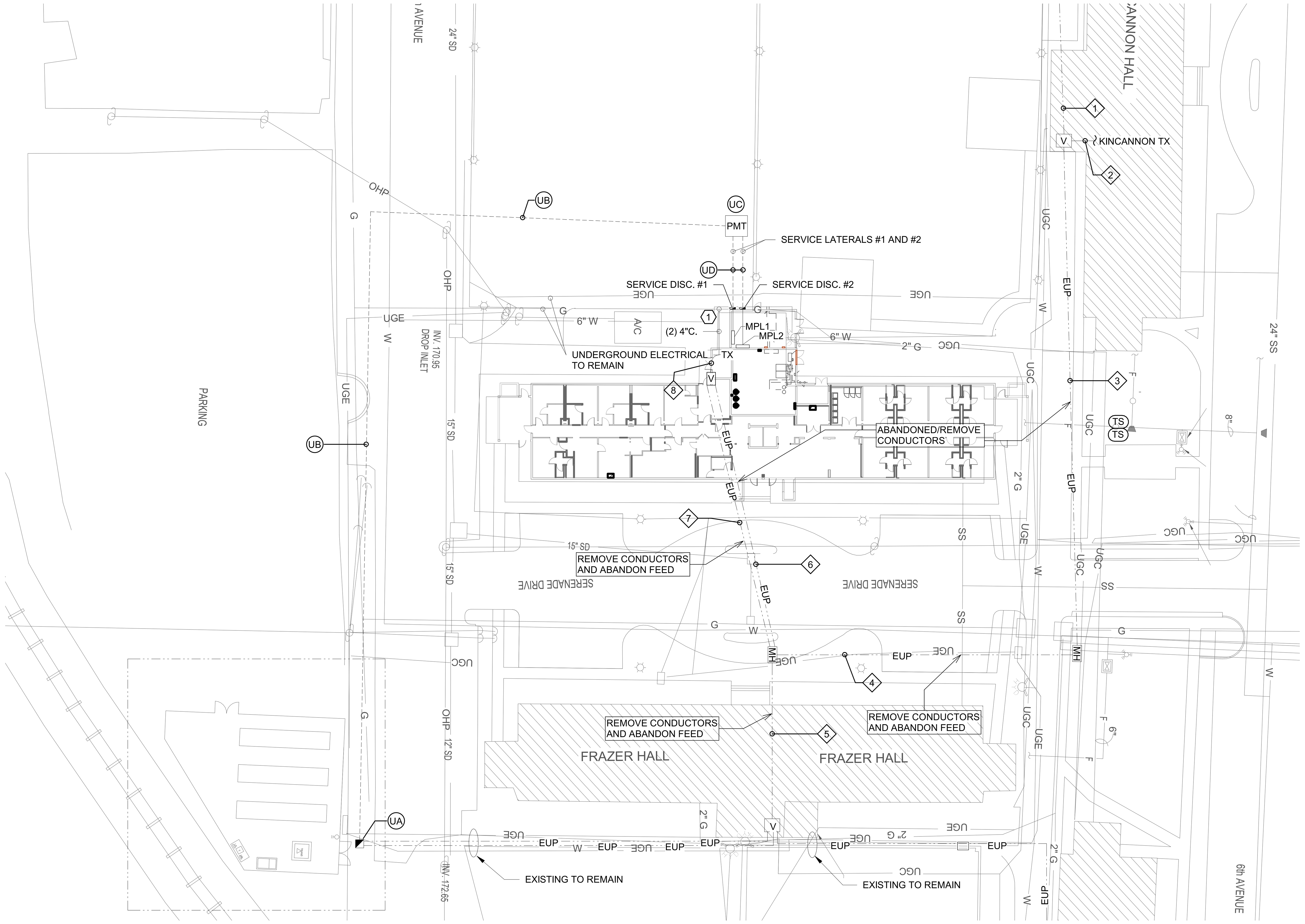
SHEET E008

ELECTRICAL PANELBOARD SCHEDULES

DATE: 6.20.2025
SZZARCH# 2414
DRAWN BY: GJC
CHECKED BY: AMM

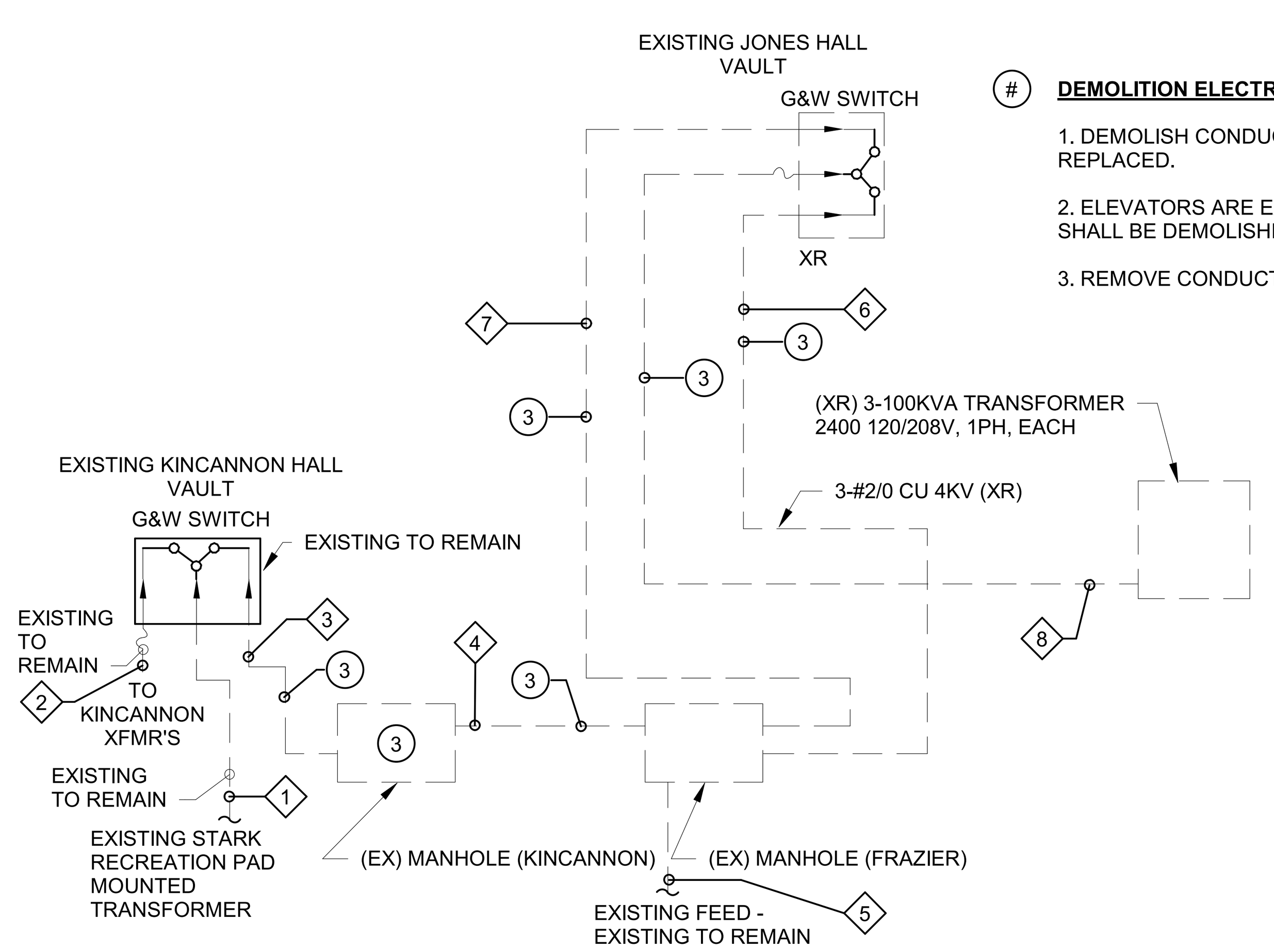
REVISIONS:
2 8/29/2025 Addendum #3

Dewberry
1900 Lakeland Drive
Jackson, MS 39216
(601) 362-6478
www.dewberry.com
Project Number :
50171832



1 E009 ELECTRICAL SITE PLAN
1" = 30'-0"

NORTH



DEMOLITION ELECTRICAL RISER DIAGRAM KEYNOTES

1. DEMOLISH CONDUCTORS. PREPARE RACEWAY FOR REUSE WHERE PANELS ARE BEING REPLACED.

2. ELEVATORS ARE EXISTING TO REMAIN. THE ELEVATOR DISCONNECTS AND FEEDERS SHALL BE DEMOLISHED AND REPLACED.

3. REMOVE CONDUCTORS AND ABANDON IN PLACE.

(#) NOTATION ON SITE PLAN CORRESPONDS TO THE NUMBER SHOWN ON THIS RISER.

3 E009 PARTIAL RISER DIAGRAM
NOT TO SCALE

C:\Users\ecase\Documents\revit local\50171832-E-R24_ecaseVSHBK.rvt

GS# 104-215 JONES HALL RENOVATIONS
Mississippi University for Women

SITE POWER AND TELEPHONE NOTES:

(UA) STUB-OUT AND TERMINATE PER UTILITY COMPANY REQUIREMENTS. VERIFY LOCATION OF HIGH VOLTAGE SERVICE POINT PRIOR TO BIDDING AND INCLUDE ALL COST IN BID. (CHILLER PLANT PAD) (revision 1)

(UB) (3) 3" SCHEDULE 80 PVC FOR HIGH VOLTAGE SERVICE - BY COLUMBUS POWER AND LIGHT UTILITY

(UC) TRANSFORMER SLAB-BOX WITH TRAFFIC GUARDS PER UTILITY COMPANY REQUIREMENTS. VERIFY SIZE, LOCATION AND ORIENTATION WITH UTILITY COMPANY.

(UD) SECONDARY FROM TRANSFORMER TO MAIN DISCONNECT. VERIFY ROUTING WITH UTILITY COMPANY AND ROUTE TO CLEAR STRUCTURAL FOOTING. SEE RISER DIAGRAM.

1. ALL UTILITY SERVICE SHALL BE VERIFIED WITH THE UTILITY COMPANY PRIOR TO BIDDING AND ALL RESULTING COSTS SHALL BE INCLUDED IN BID.
2. ACTUAL INSTALLATION OF ALL UTILITY SERVICES SHALL BE ACCORDING TO FINAL UTILITY COMPANY PLANS. SEE "UTILITY NOTES".
3. UTILITY CONTACTS:

   ELECTRIC UTILITY - COLUMBUS LIGHT; MARC RUSHING; MRUSHING@COLUMBUS-LW.COM; CELL 662-386-5545; OFFICE 662-243-7440 X169

GENERAL UTILITY AND SITE WORK NOTES:

FOR POWER SERVICE:

A. CONTRACTOR WILL PROVIDE (2)-5"C FOR HIGH VOLTAGE CIRCUITS FROM PROPERTY LINE TO TRANSFORMER SLABS. CONDUIT TO BE 48" DEEP AND TERMINATED IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS INCLUDING TRENCHING AND BACKFILL TO 90% COMPACTION.

B. CONTRACTOR WILL PROVIDE TRANSFORMER SLABS INSTALLED COMPLETE IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.

C. CONTRACTOR WILL PROVIDE SECONDARY CONDUITS FOR LOW VOLTAGE CIRCUITS FROM TRANSFORMER SLABS TO BUILDING EQUIPMENT ROOMS, CONDUIT TO BE 48" DEEP AND TERMINATED IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.

D. PROVIDE PULLWIRE IN ALL EMPTY CONDUITS.

E. USE JOINT TRENCHING WHEREVER POSSIBLE.

F. CONCRETE SEMI-ENCASEMENT REQUIRED WHENEVER QUANTITY OF POWER DUCTS EXCEEDS TWO.

GENERAL:

AA. ALL UNDERGROUND AND OVERHEAD COMMUNICATIONS AND POWER SHALL REMAIN UNLESS OTHERWISE NOTED ON THIS PLAN.

BB. COORDINATE WITH CIVIL SURVEY. ALL SURROUNDING AREAS WITHIN THE SCOPE OF WORK SHALL HAVE CIRCUITS MARKED PRIOR TO ANY SITE WORK BEGINNING.

CC. SEE SHEET E100 FOR ADDITIONAL NOTES ABOUT DEMOLITION AND THE EXISTING CHILLER SYSTEM. THIS INLCUDES DEMOLITION OF THE EXISTING MEDIUM VOLTAGE SYSTEM.

DD. CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING ALL MATERIALS AND TIME TO REPAIR ANY DISTURBANCE TO THE SITE AS A RESULT OF NEW ELECTRICAL TRENCHING, BORING, ETC.

KEYNOTES:

1. APPROXIMATE LOCATION OF EXISTING HANDHOLE WHERE FIBER IS LOCATED. PROVIDE (2) 4" CONDUITS WITH PULLSTRINGS FROM EXISTING HANDHOLE TO NEW MDF ROOM. FIELD VERIFY EXACT LOCATION. FIBER TO BE REPULLED THROUGH CONDUITS BY STATE ITS. COORDINATE WITH STATE ITS AND OWNER. ALL CONDUIT STUB-UP AND CAPPED 12"A.F.F. IN BUILDING. CONDUIT TO BE 24" DEEP. USE JOINT TRENCHING WHEREVER POSSIBLE.

SITE ELECTRICAL

PMT	PAD MOUNTED TRANSFORMER
PMS	PAD MOUNTED SWITCH
MH	MANHOLE
HH	HANDHOLE
P	UTILITY POLE
---EUP---	UNDERGROUND ELECTRICAL PRIMARY (OWNED BY COLLEGE)

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SHEET E009

ELECTRICAL SITE PLAN

DATE: 6.20.2025
SZZARCH# 2414
DRAWN BY: GJC
CHECKED BY: AMM

REVISIONS:
1 8/27/2025 Addendum #2
2 8/29/2025 Addendum #3

GS# 104-215 JONES HALL RENOVATIONS

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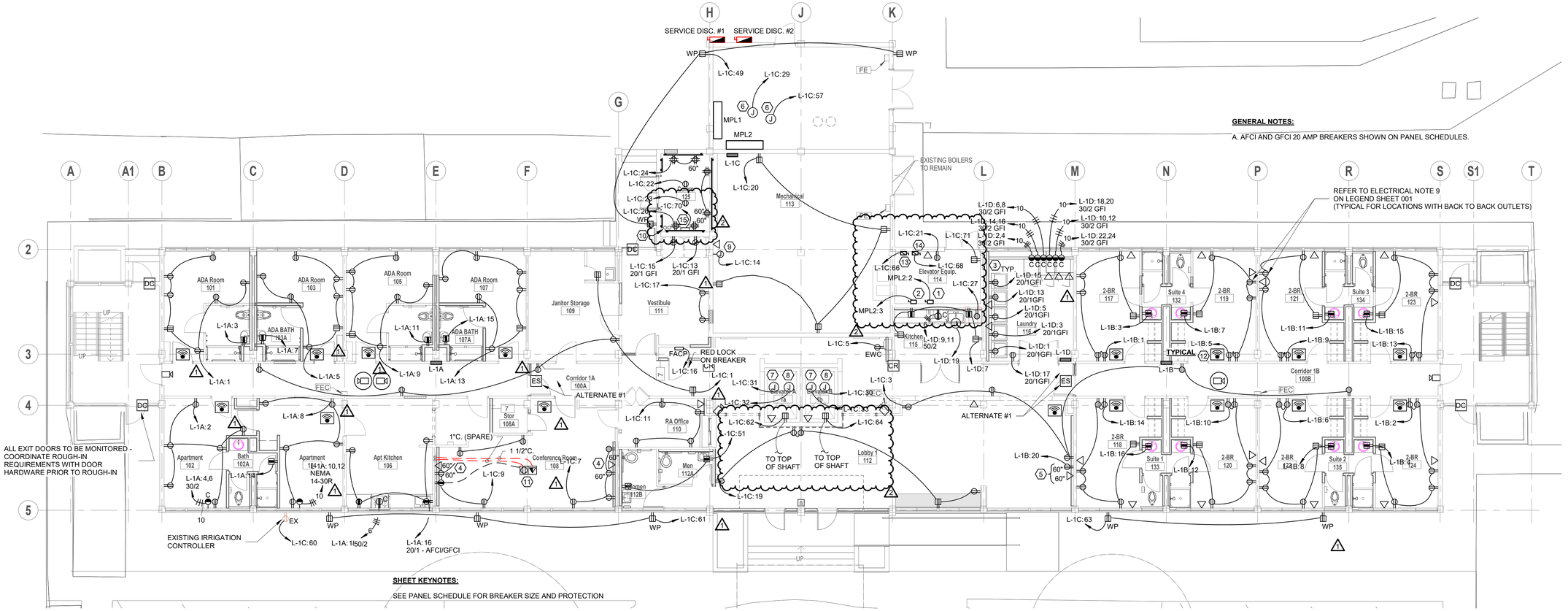

GENERAL NOTES:

A. AFCI AND GFCI 20 AMP BREAKERS SHOWN ON PANEL SCHEDULES.

SHEET KEYNOTES:

SEE PANEL SCHEDULE FOR BREAKER SIZE AND PROTECTION

NEW CONSTRUCTION NOTES:

1. REPLACE AND REFEED DISCONNECT SERVING ELEVATOR A AND PROVIDE NEW AUXILIARY CONTACTS. CIRCUIT AS SHOWN ON THE RISER DIAGRAM.
2. REPLACE AND REFEED DISCONNECT SERVING ELEVATOR B AND PROVIDE NEW AUXILIARY CONTACTS. CIRCUIT AS SHOWN ON THE RISER DIAGRAM.
3. CONFIRM NEMA CONFIGURATION AND MOUNTING HEIGHT OF RECEPTACLE WITH DRYER EQUIPMENT PRIOR TO ROUGH-IN.
4. FOR TV - VERIFY HEIGHT AND EXACT LOCATION WITH OWNER FOR TV DIMENSIONS PRIOR TO ROUGH-IN.
5. FOR DIGITAL SIGNAGE - VERIFY HEIGHT AND EXACT LOCATION WITH OWNER FOR TV DIMENSIONS PRIOR TO ROUGH-IN.
6. SHUNT TRIP AT ELEVATOR BREAKER
7. RECONNECT ELEVATOR CAR ALARM CIRCUIT
8. RECONNECT ELEVATOR CONTROLS PROVISION
9. FOR HVAC CONTROL PANEL - COORDINATE LOCATION PRIOR TO ROUGH-IN.
10. PROVIDE (2) 4" CONDUITS TO 2ND FLOOR IDF ROOM FROM 1ST FLOOR MDF
11. COORDINATE ROUTING WITH GC AND WHERE PLANNED SLAB CUT IS BEING MADE.
12. MOUNT WIFI AS HIGH AS POSSIBLE ON WALL WHERE ACCESS POINT CAN STILL FIT. TYPICAL FOR ALL WIFI DEVICES LOCATED IN DORMS.
13. RECONNECT ELEVATOR CAB LIGHTS
14. FOR ELEVATOR EXHAUST FAN. COORDINATE LOCATION WITH ELEVATOR PRIOR TO ROUGH-IN.
15. SECURITY ACCESS CONTROL PANEL. COORDINATE EXACT LOCATION WTIH OWNER PRIOR TO ROUGH-IN. PROVIDE 2" CONDUIT TO FLOORS ABOVE FOR CONNECTION TO 2ND, 3RD, 4TH, AND 5TH FLOOR READERS.

GENERAL VOICE/DATA/AXUILIARY NOTES (TYPICAL FOR ALL POWER AND VOICE/DATA SHEETS):

A. EC SHALL PROVIDE ALL PATHWAYS, BOXES, AND CONDUITS FOR VOICE DATA AND AUXILIARY OUTLETS/CABLES/EQUIPMENT. PROVIDE BUSHINGS ON ALL CONDUIT STUB OUTS. PROVIDE PULLSTRINGS IN ALL EMPTY CONDUITS. FOR THE PRUPOSE OF THIS NOTE, FIRE ALARM IS NOT AUXILIARY AND SHALL BE WITHIN CONDUIT. SEE FIRE ALARM DRAWINGS AND SPECIFICATIONS.

B. ALL VOICE DATA AND AUXILIARY CABLES SHALL BE SUPPORTED BY J-HOOKS THROUGHOUT WHERE RUN ABOVE ACCESSIBLE CEILING. PROVIDE J-HOOKS SO THAT NO CABLE IS UNSUPPORTED MORE THAN 5'-0".

C. PROVIDE 12"W 4"D CABLE TREY ON THE WALLS OF ALL MDF AND IDF ROOMS. PROVIDE (3) 4" SLEEVES FOR CABLE ENTRACE ON EACH INTERIOR WALL OF ALL IDF/MDF ROOMS.

D. ALL LOW VOLTAGE CABLES CONCEALED IN WALLS SHALL BE IN CONDUIT. ALL CABLES CONCEALED ABOVE HARD CEILINGS SHALL BE IN CONDUIT. ALL EXPOSED RACEWAY SHALL BE WIREMOLD.

E. ALL CONDUIT SHALL BE CONCEALED AS MUCH AS POSSIBLE. WHERE POSSIBLE, REUSE EXISTING CONDUIT WHERE OUTLETS/DEVICES/EQUIPMENT IS REPLACED IN THE SAME LOCATION WHERE CONDUIT IS FREE FROM DAMAGE. WHERE CONDUIT MUST BE EXPOSED, PROVIDE WIREMOLD SURFACE MOUNTED RACEWAY. CONFIRM COLOR FINISH WITH ARCHITECT. MINIMIZE EXPOSED RACEWAY BY RUNNING THROUGH CONCEALED AREAS AS MUCH AS POSSIBLE.

F. 15 AND 20 AMP AFCI PROTECTED BREAKERS NOT SHOWN ON POWER SHEETS FOR DRAWING CLARITY. SEE PANEL SCHEDULE FOR BREAKER SIZE AND PROTECTION. ALL 120-VOLT, SINGLE-PHASE, 10-, 15-, AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN BEDROOMS, LIVING ROOMS, HALLWAYS, CLOSETS, BATHROOMS, AND SIMILAR ROOMS SHALL BE PROTECTED BY AN AFCI BREAKER.

G. EC SHALL COORDINATE WITH OWNER PRIOR TO AUXILIARY PATHWAY AND BOXES INSTALLATION AND VERIFY ALL LOCATIONS, BOX SIZES, ETC.

H. BID ALTERNATE #1:
PROVIDE AND INSTALL ADDITIONAL ACCESS CONTROL SYSTEM COMPONENTS FOR INTERIOR DOORS, AND ALL ASSOCIATED WORK AS INDICATED IN THE DOCUMENTS. **THE ROUGH IN SHALL BE A BASE BID ITEM.**

I. THE FOLLOWING ARE THE RESPONSIBILITIES FOR THE AUXILIARY SYSTEMS SCOPE:
- VOICE DATA - EC PROVIDES RACEWAYS AND BOXES. STATE ITS PROVIDES EQUIPMENT, CABLING, AND DEVICES.
- SECURITY CAMERAS - EC PROVIDES RACEWAYS, BOXES, AND CABLING. OWNER IS PROVIDING DEVICES AND EQUIPMENT. PROVIDE CATBE CABLING AND COORDINATE CABLING WITH OWNER'S VENDOR PRIOR TO PURCHASING. CABLE WILL BE REPLACED AT NO COST IN THE EVENT THAT COORDINATION WAS NOT DONE PRIOR TO PURCHASE AND/OR INSTALLING.
- ACCESS CONTROL - EC SHALL PROVIDE A COMPLETE SYSTEM INCLUDING RACEWAYS, DEVICES, CABLING, EQUIPMENT, ETC. SYSTEM SHALL BE BY GALAXY ACCESS CONTROL. SYSTEM SHALL INTERFACE WITH EXISTING CAMPUS ACCESS CONTROL SYSTEMS.

1 E301 POWER AND VOICE/DATA - 1ST FLOOR PLAN
1/8" = 1'-0"

NORTH

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SHEET E301

POWER AND VOICE/DATA - 1ST FLOOR PLAN

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1 8/27/2025 Addendum #2
2 8/29/2025 Addendum #3

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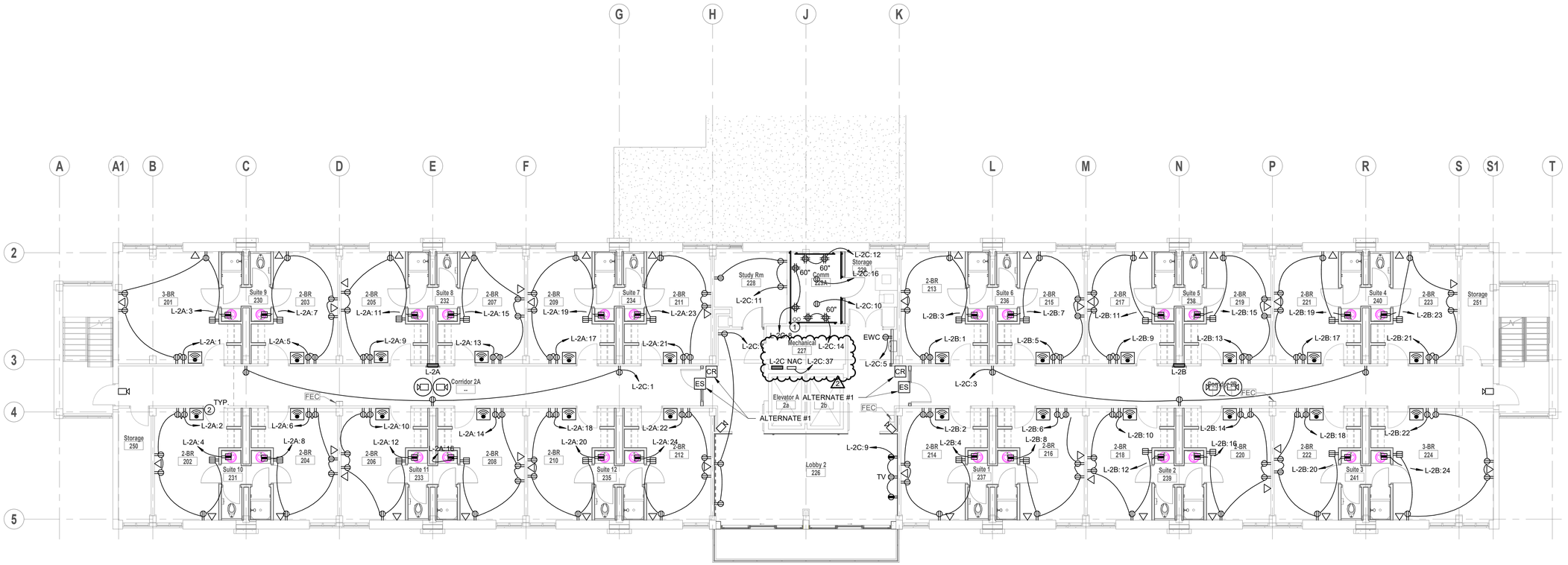

1 E302 POWER AND VOICE/DATA - 2ND FLOOR PLAN
1/8" = 1'-0"

NORTH

SHEET KEYNOTES

1. PROVIDE (2) 4" CONDUITS TO 3RD FLOOR IDF ROOM FROM 2ND FLOOR IDF
2. MOUNT WIFI AS HIGH AS POSSIBLE ON WALL WHERE ACCESS POINT CAN STILL FIT. TYPICAL FOR ALL WIFI DEVICES LOCATED IN DORMS

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SHEET E302

POWER AND VOICE/DATA - 2ND FLOOR PLAN

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2 8/29/2025 Addendum #3

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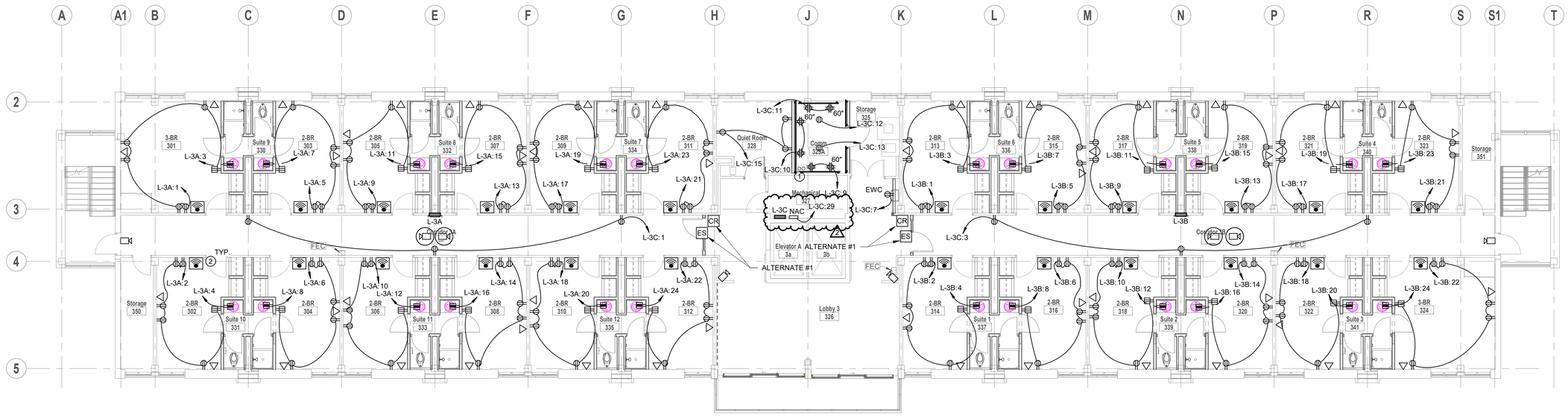

1 E303 POWER AND VOICE/DATA - 3RD FLOOR PLAN
1/8" = 1'-0"

NORTH

SHEET KEYNOTES

1. PROVIDE (2) 4" CONDUITS TO 3RD FLOOR IDF ROOM FROM 2ND FLOOR IDF
2. MOUNT WIFI AS HIGH AS POSSIBLE ON WALL WHERE ACCESS POINT CAN STILL FIT. TYPICAL FOR ALL WIFI DEVICES LOCATED IN DORMS

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SHEET E303

POWER AND VOICE/DATA - 3RD FLOOR PLAN

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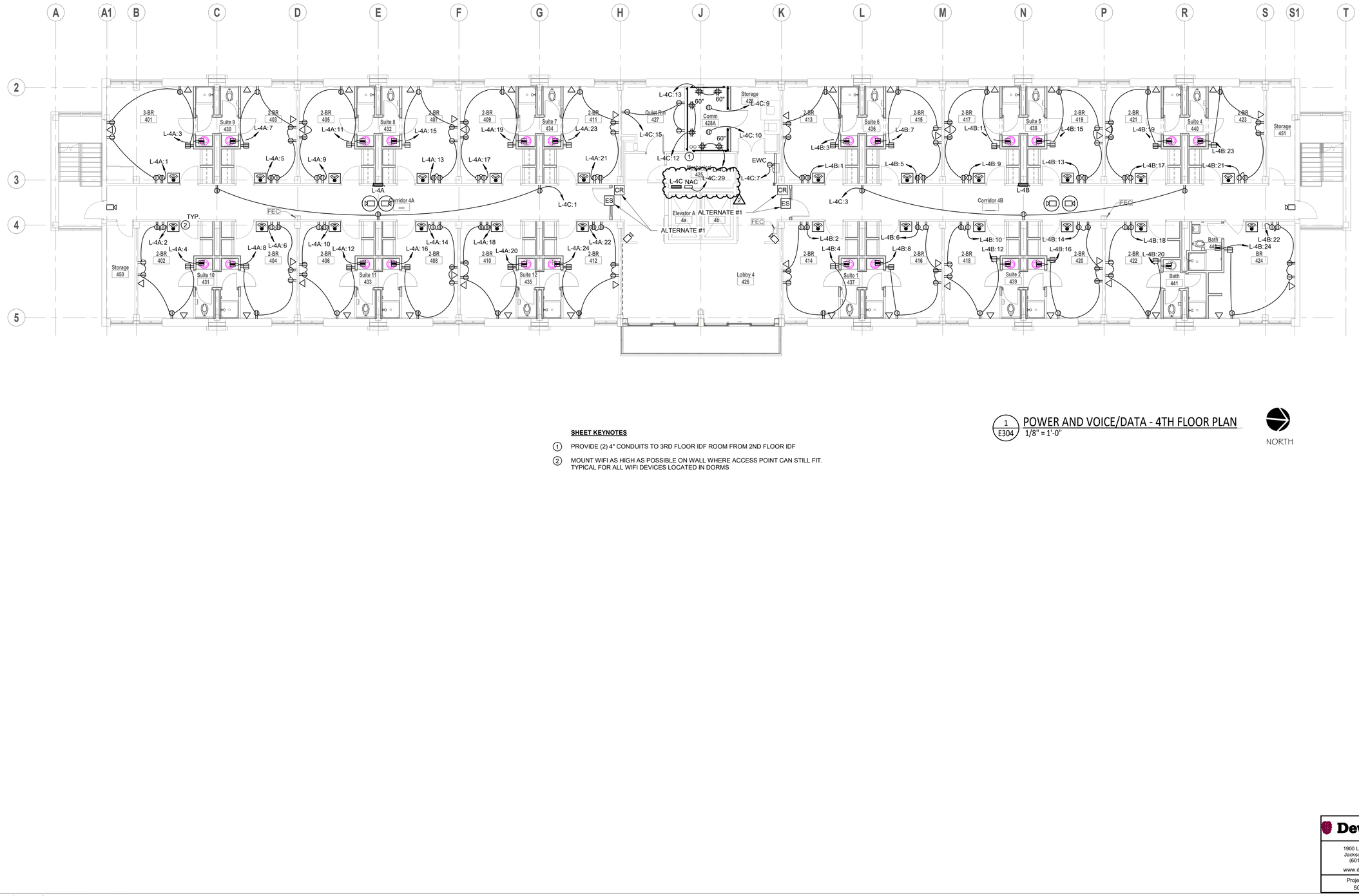

SHEET KEYNOTES

1. PROVIDE (2) 4" CONDUITS TO 3RD FLOOR IDF ROOM FROM 2ND FLOOR IDF
2. MOUNT WIFI AS HIGH AS POSSIBLE ON WALL WHERE ACCESS POINT CAN STILL FIT. TYPICAL FOR ALL WIFI DEVICES LOCATED IN DORMS

1 / E304 POWER AND VOICE/DATA - 4TH FLOOR PLAN
1/8" = 1'-0"

NORTH

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SHEET E304

POWER AND VOICE/DATA - 4TH FLOOR PLAN

DATE:	6.20.2025
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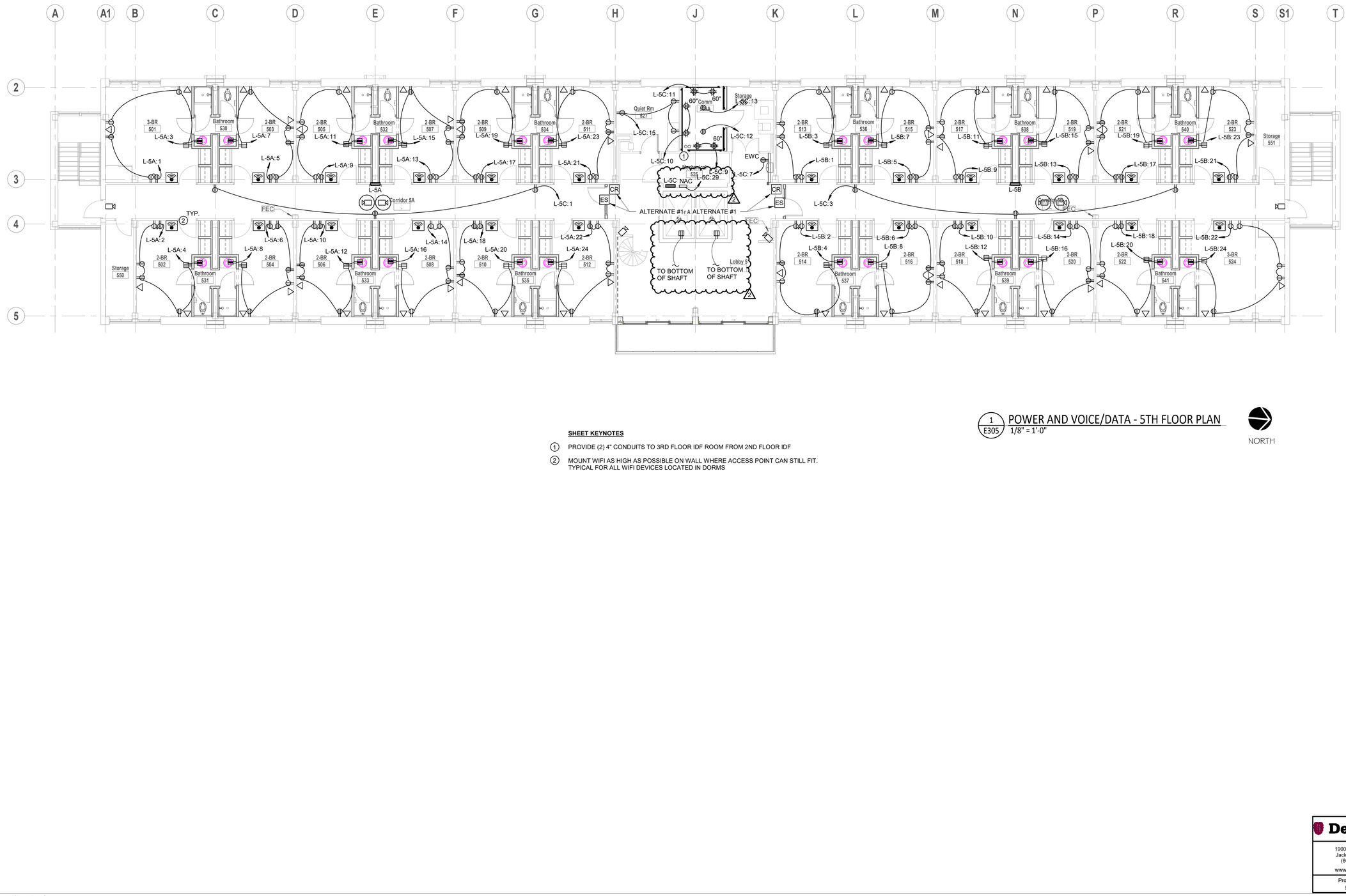

SHEET KEYNOTES

1. PROVIDE (2) 4" CONDUITS TO 3RD FLOOR IDF ROOM FROM 2ND FLOOR IDF
2. MOUNT WIFI AS HIGH AS POSSIBLE ON WALL WHERE ACCESS POINT CAN STILL FIT. TYPICAL FOR ALL WIFI DEVICES LOCATED IN DORMS

1 / E305 POWER AND VOICE/DATA - 5TH FLOOR PLAN
1/8" = 1'-0"

NORTH

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SHEET E305

POWER AND VOICE/DATA - 5TH FLOOR PLAN

DATE:	6.20.2025
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2 8/29/2025 Addendum #3

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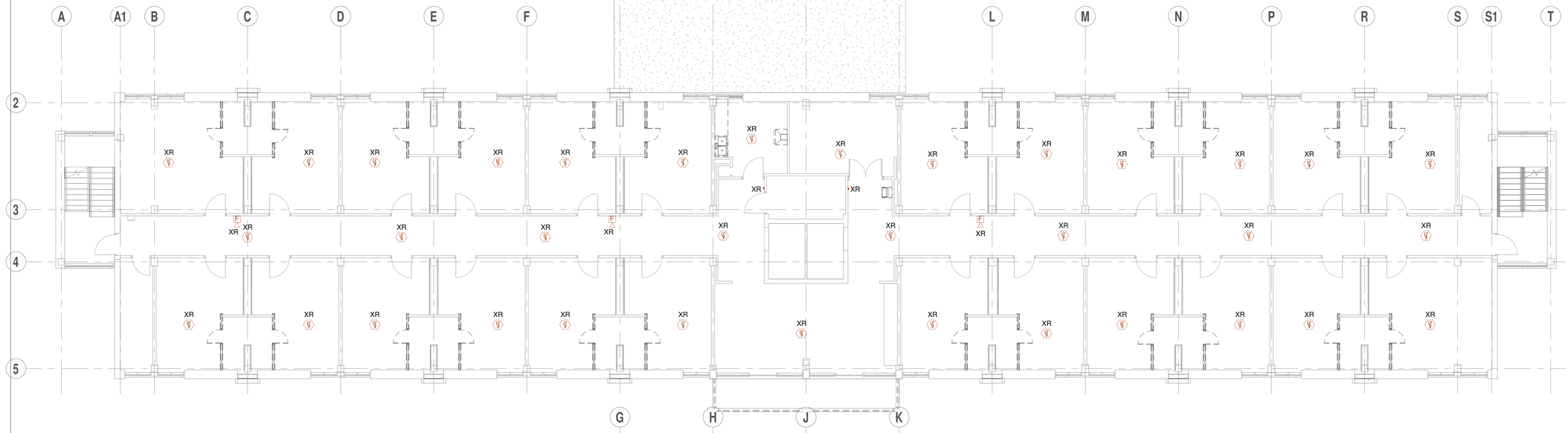
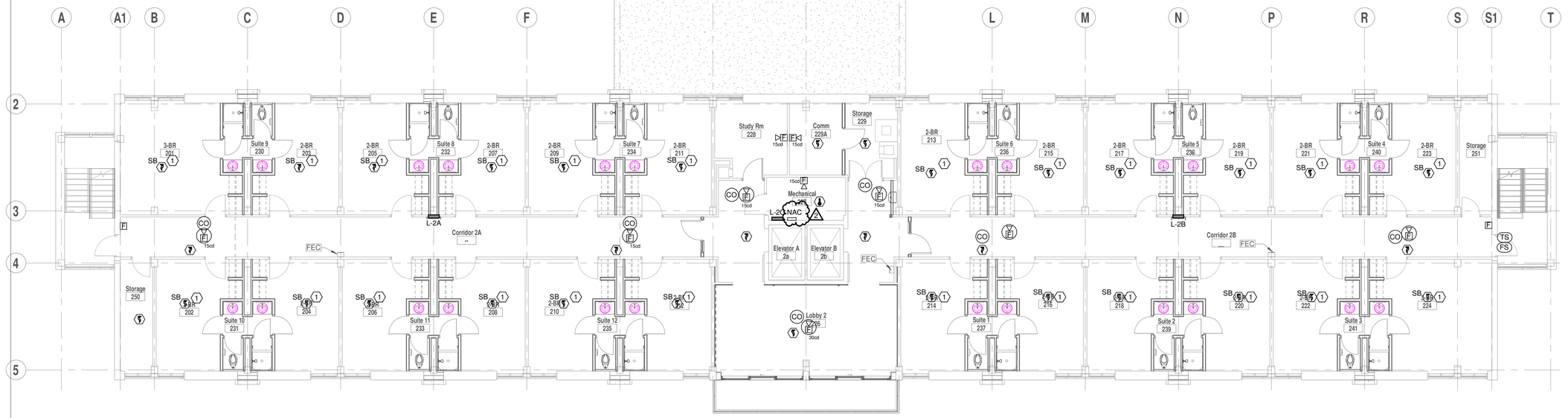


1 E402 FIRE ALARM - 2ND FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

NORTH



2 E402 FIRE ALARM - 2ND FLOOR PLAN
1/8" = 1'-0"

NORTH

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SHEET E402

FIRE ALARM - 2ND FLOOR PLAN

DATE: 6.20.2025
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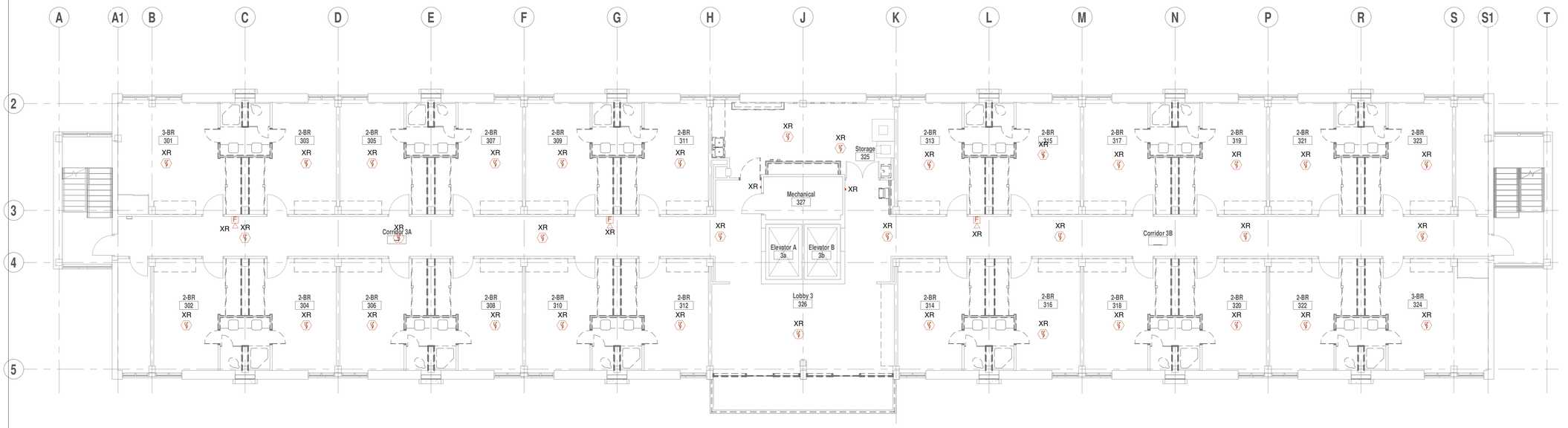
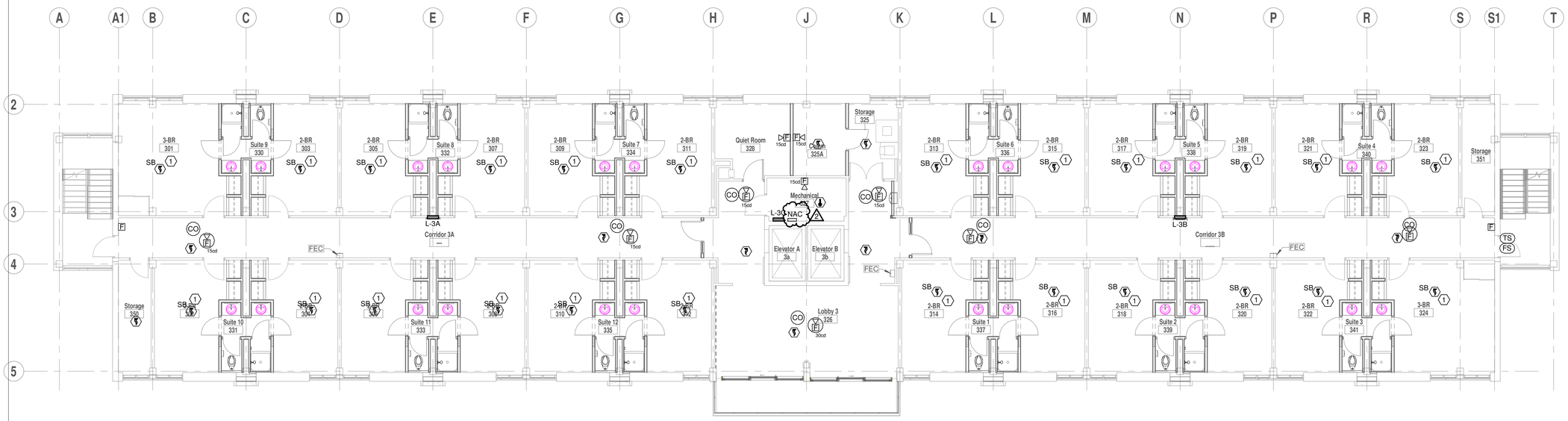


1 E403 FIRE ALARM - 3RD FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

NORTH



2 E403 FIRE ALARM - 3RD FLOOR PLAN
1/8" = 1'-0"

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FIRE ALARM - 3RD FLOOR PLAN

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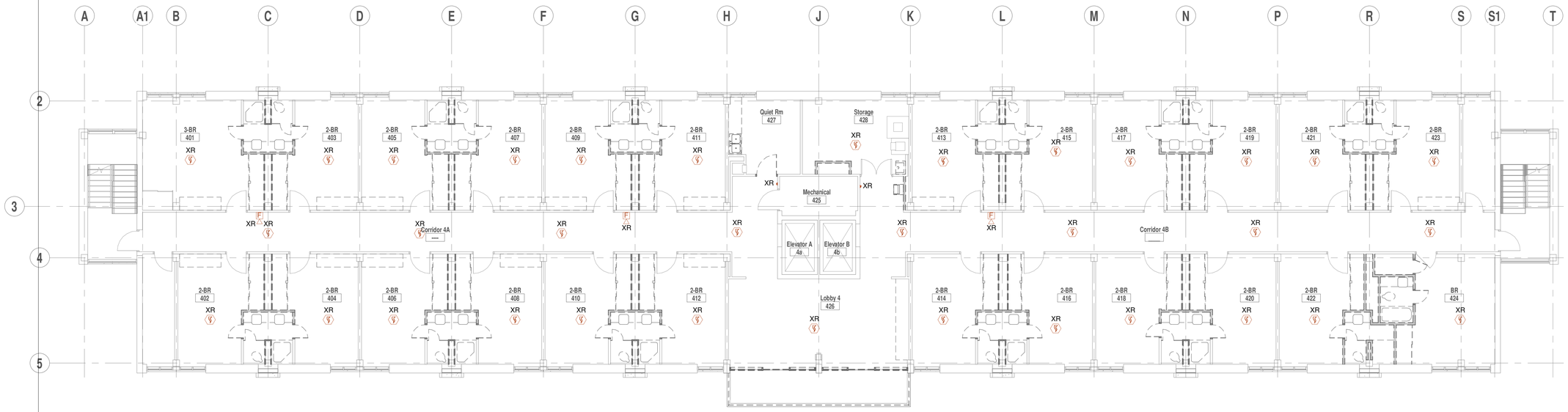
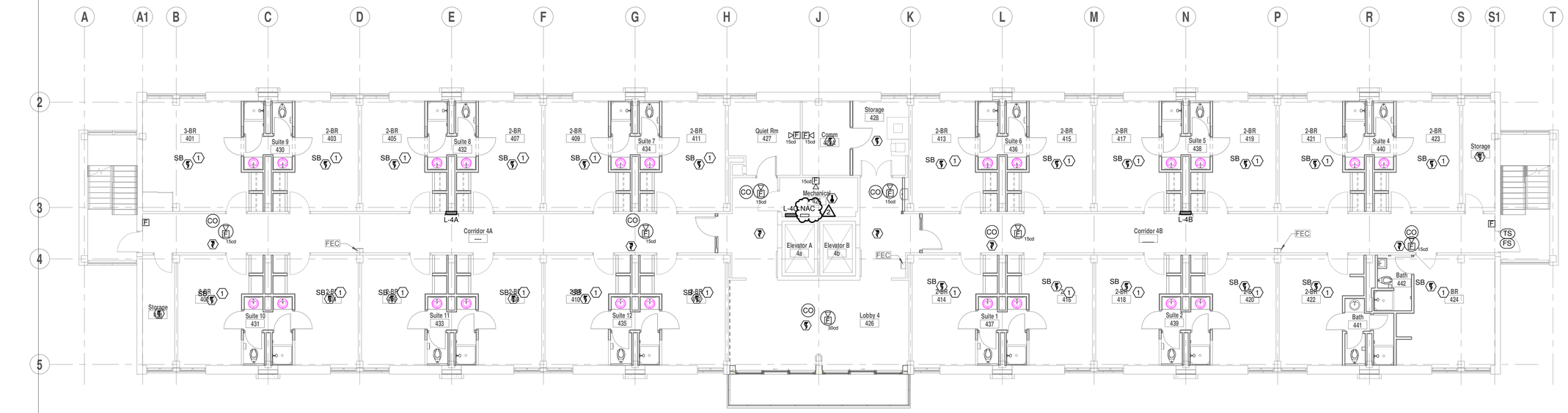


1 E404 FIRE ALARM - 4TH FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

NORTH



2 E404 FIRE ALARM - 4TH FLOOR PLAN
1/8" = 1'-0"

NORTH

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SHEET E404

FIRE ALARM - 4TH FLOOR PLAN

DATE:	6.20.2025
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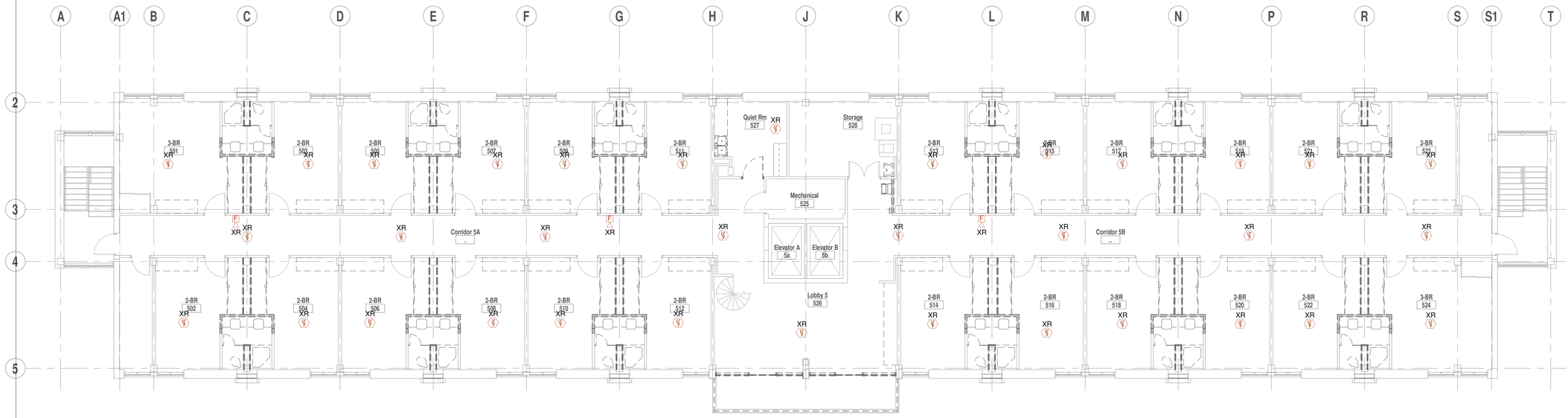
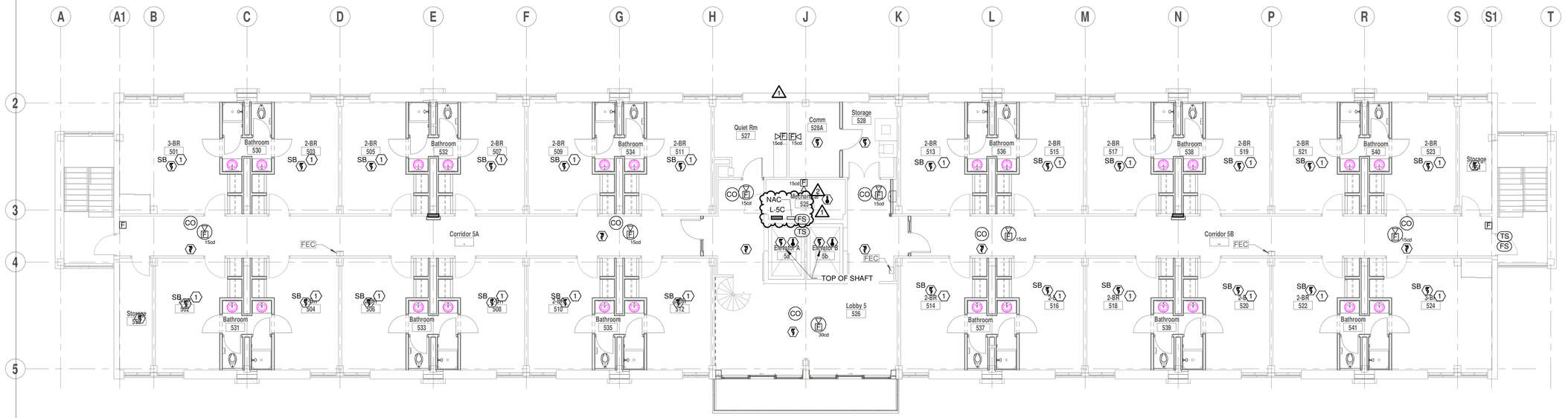


1 E405 FIRE ALARM - 5TH FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

NORTH



2 E405 FIRE ALARM - 5TH FLOOR PLAN
1/8" = 1'-0"

NORTH

1 GENERAL NOTES:

1. REFER TO PENTHOUSE PLAN SHEET E306 FOR FIRE ALARM DESIGN.

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SHEET E405

FIRE ALARM - 5TH FLOOR PLAN

DATE:	6.20.2025
SZZARCH#	2414
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REVISIONS:

1	8/27/2025	Addendum #2
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