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ADDENDUM NO. 5

To the Drawings and Project Manual dated 12 July 2018
for

MIDWESTERN STATE UNIVERSITY
MOFFETT LIBRARY RENOVATION
PHASE II

3410 Taft Boulevard Wichita Falls, Texas 76308



Addendum Date: 7 August 2018

NOTICE TO PROPOSERS:

This addendum is hereby made part of the Project Specifications and Drawings dated July 12, 2018.

The Project Specifications and Drawings shall be supplemented or amended as specified herein.

This Addendum contains changes to the requirement of the Project Specifications. Such changes shall be incorporated into the Contract Documents and shall apply to work with the same meaning and force as if they had been included in the original Documents. Whenever this Addendum modifies a portion of a paragraph of the Project Specifications, the remainder of the paragraph affected shall remain in force. Added information is shown as Bold, deleted information is shown as strikethrough.

This Addendum contains changes to the requirement of the Drawings. Such changes shall be incorporated into the Contract Documents and shall apply to work with the same meaning and force as if they had been included in the original Documents. Whenever this Addendum modifies a portion of any drawing, the remainder of the drawing affected shall remain in force. Added, deleted or revised information is shown as "clouded".

The conditions and terms of the basic Contract Documents shall govern work unless otherwise described in this Addendum. Whenever the conditions of work, and the quality or quantity of materials, or workmanship are not fully described in this Addendum, the conditions of work included in the basic Contract Documents for similar items of work shall apply to the work described in this Addendum.

If no similar items of work are included in the basic Contract Document, the best quality of material and workmanship shall apply and all work shall be subject to the written acceptance of the Architect.

I. REVISIONS TO PROJECT MANUAL/SPECIFICATIONS

A. SPECIFICATION SECTION 096800 - CARPETING and ADDENDUM #3

Item: To Part 2.1(C) on page 096800-4 in the Project Manual and Item "M" under Section I of the Addendum.

Description:

1. DELETE: The carpet tile and color as indicated in the Specification Section and the Addendum Item.
2. ADD: As clarification, Carpet "CPT1B" shall be *Millikan* "Quadrus Identity" walk-off mat carpet tile as indicated in the "Material Finish Legend" on Sheet "I-002" of the Drawings. The carpet tile shall be provided with custom graphics to be selected by the Architect/Owner, and as noted on Sheet "I-101".

B. SPECIFICATION SECTION 057315 - CABLE RAIL SYSTEMS.

Item: Page 057315-2, Part 2.1(A)

Description:

1. DELETE: The Manufacturer being "Vive TTE".
2. ADD: As clarification, the Manufacturer shall be a *Viva* "Tee" Railing System.

C. SPECIFICATION SECTION 087100 - DOOR HARDWARE and ADDENDUM #3

Item: The complete Section under Item "K" under Section I of the Addendum.

Description:

1. DELETE: The Specification Section in its entirety.
2. ADD: Specification Section 087100 - DOOR HARDWARE attached with this Addendum. Revisions have been made to Hardware Sets "HW-3" and "HW-11".

D. SPECIFICATION SECTION 054000 - COLD FORMED METAL FRAMING

Item: To Parts 1.5(D) & (E) on page 054000-3.

Description:

1. ADD: As clarification, the Cold Formed Metal Framing Supplier/Manufacturer will be required to provide the specified Engineering Data and Structural Design Calculations for its use in conjunction with the Curtainwall and Aluminum Storefront Framing Systems at the Bay Windows.

II. REVISIONS TO DRAWINGS

A. ARCHITECTURAL DRAWING - Sheet "I-002".

ADD: As clarification, under Material ID "WD1", "*Stikwood*" refers to the reclaimed adhered wood product, *Stikwood* "Sierra Gold", that is specified in Section 064023, INTERIOR ARCHITECTURAL WOODWORK, on Page 064203-4, under Part 2.5(A).

B. ARCHITECTURAL DRAWING - Sheets "A-851".

Replace the Drawing with the revised Sheet attached in this Addendum. The Hollow Metal Frames for the existing arched openings in "Reading Room 108L" have been added. Also, clarified that doors "2STRW2", "2STRW3", "3STRW2", and "3STRW3" are new doors in new frames in an existing wall condition. In addition, revisions have been made to openings "113F", "113G", "211", "216A", "237A", "238A", and "251" have been revised.

C. ARCHITECTURAL DRAWING - Sheets "I-110".

Replace the Drawing with the revised Sheet attached in this Addendum. Clarification has been made regarding the size of the area rugs in "Reading Room 108L".

D. ARCHITECTURAL DRAWINGS - Sheets "A-803".

Replace the Drawing with the revised Sheet attached in this Addendum. A "Window/Window Shade Schedule" has been added to clarify the locations of window shades.

ADD: As clarification, under "5/A-803", all existing and new window frames are to be painted "PT7". Paint grade wood shall be provided for the new window frames.

E. ARCHITECTURAL DRAWINGS - Sheets "D-103".

Replace the Drawing with the revised Sheet attached in this Addendum. Clarification has been made regarding the removal of the handrailing at the existing Stairs and the provision of new handrailing.

ADD: As clarification, all handrailing at all existing Stairs will be removed and provided with new railing systems as scheduled.

F. ARCHITECTURAL DRAWING - Sheet "A-701".

Replace the Drawing with the revised Sheet attached in this Addendum. On the Stair Plan "1/A-701", the indication of a Stainless Steel Pipe Cane Rail being provided below the Stair has been indicated.

G. ARCHITECTURAL DRAWINGS - Sheet "A-601", "A-602", "A-603", and "A-604".

ADD: As clarification, Building accessories such as markerboards, projector screens, bulletin boards, etc. are all Owner provided/Owner furnished and shall be installed by the CM@R. The Elevation Drawings are suggesting where these accessories should be installed.

END OF ADDENDUM NO. 5

SECTION 087100

DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. Section includes:
 - 1. Mechanical door hardware for the following:
 - a. Swinging doors.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.
- B. Shop Drawings: Details of electrified door hardware, indicating the following:
 - 1. Wiring Diagrams: For power, signal, and control wiring and including the following:
 - a. Details of interface of electrified door hardware and building safety and security systems.
 - b. Schematic diagram of systems that interface with electrified door hardware.
 - c. Point-to-point wiring.
 - d. Risers.
 - e. Elevations doors controlled by electrified door hardware.
 - 2. Operation Narrative: Describe the operation of doors controlled by electrified door hardware.
- C. Other Action Submittals:
 - 1. Door Hardware Schedule: Prepared by or under the supervision of Installer, detailing fabrication and assembly of door hardware, as well as installation procedures and diagrams. Coordinate final door hardware schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - a. Submittal Sequence: Submit door hardware schedule concurrent with submissions of Product Data, Samples, and Shop Drawings. Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate the fabrication of other work that is critical in Project construction schedule.
 - b. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule." Double space entries, and number and date each page.

- c. Format: Use same scheduling sequence and format and use same door numbers as in the Contract Documents.
 - d. Content: Include the following information:
 - 1) Identification number, location, hand, fire rating, size, and material of each door and frame.
 - 2) Locations of each door hardware set, cross-referenced to Drawings on floor plans and to door and frame schedule.
 - 3) Complete designations, including name and manufacturer, type, style, function, size, quantity, function, and finish of each door hardware product.
 - 4) Description of electrified door hardware sequences of operation and interfaces with other building control systems.
 - 5) Fastenings and other pertinent information.
 - 6) Explanation of abbreviations, symbols, and codes contained in schedule.
 - 7) Mounting locations for door hardware.
 - 8) List of related door devices specified in other Sections for each door and frame.
2. Keying Schedule: Prepared by or under the supervision of Installer, detailing Owner's final keying instructions for locks. Include schematic keying diagram and index each key set to unique door designations that are coordinated with the Contract Documents.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer and Architectural Hardware Consultant.
- B. Product Certificates: For electrified door hardware, from the manufacturer.
 - 1. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.
- C. Product Test Reports: For compliance with accessibility requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, for door hardware on doors located in accessible routes.
- D. Warranty: Special warranty specified in this Section.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For each type of door hardware to include in maintenance manuals. Include final hardware and keying schedule.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Supplier of products and an employer of workers trained and approved by product manufacturers and an Architectural Hardware Consultant who is available during the course of the Work to consult with Contractor, Architect, and Owner about door hardware and keying.
 - 1. Warehousing Facilities: In Project's vicinity.
 - 2. Scheduling Responsibility: Preparation of door hardware and keying schedules.

3. Engineering Responsibility: Preparation of data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.
- B. Architectural Hardware Consultant Qualifications: A person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project and who is currently certified by DHI as follows:
 1. For door hardware, an Architectural Hardware Consultant (AHC).
 - C. Source Limitations: Obtain each type of door hardware from a single manufacturer as much as possible.
 1. Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated. Manufacturers that perform electrical modifications and that are listed by a testing and inspecting agency acceptable to authorities having jurisdiction are acceptable.
 - D. Fire-Rated Door Assemblies: Where fire-rated door assemblies are indicated, provide door hardware rated for use in assemblies complying with NFPA 80 that are listed and labeled by a qualified testing agency, for fire-protection ratings indicated, based on testing at positive pressure according to NFPA 252 or UL 10C, unless otherwise indicated.
 - E. Smoke- and Draft-Control Door Assemblies: Where smoke- and draft-control door assemblies are required, provide door hardware that meet requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105.
 1. Air Leakage Rate: Maximum air leakage of 0.3 cfm/sq. ft. at the tested pressure differential of 0.3-inch wg of water.
 - F. Means of Egress Doors: Latches do not require more than 15 lbf to release the latch. Locks do not require use of a key, tool, or special knowledge for operation.
 - G. Accessibility Requirements: For door hardware on doors in an accessible route, comply with the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines and Texas Accessibility Guidelines.
 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf.
 2. Comply with the following maximum opening-force requirements:
 - a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf applied perpendicular to door.
 - b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
 3. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2 inch high.
 4. Adjust door closer sweep periods so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door.
 - H. Keying Conference: Conduct conference at Project site to comply with requirements in Section 013100 "Project Management and Coordination." In addition to Owner, Construction Manager, Contractor, and Architect, conference participants shall also include supplier's Architectural Hardware Consultant and Owner's security consultant. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including, but not limited to, the following:

1. Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
 2. Preliminary key system schematic diagram.
 3. Requirements for key control system.
 4. Requirements for access control.
 5. Address for delivery of keys.
- I. Preinstallation Conference: Conduct conference at Project site.
1. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
 2. Inspect and discuss preparatory work performed by other trades.
 3. Inspect and discuss electrical roughing-in for electrified door hardware.
 4. Review sequence of operation for each type of electrified door hardware.
 5. Review required testing, inspecting, and certifying procedures.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.
- B. Tag each item or package separately with identification coordinated with the final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package.
- C. Deliver keys to manufacturer of key control system for subsequent delivery to Owner.
- D. Deliver keys and permanent cores to Owner by registered mail overnight package service, or in person.

1.8 COORDINATION

- A. Coordinate layout and installation of floor-recessed door hardware with floor construction. Cast anchoring inserts into concrete.
- B. Installation Templates: Distribute for doors, frames, and other work specified to be factory prepared. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- C. Security: Coordinate installation of door hardware, keying, and access control with Owner's security consultant.
- D. Electrical System Roughing-In: Coordinate layout and installation of electrified door hardware with connections to power supplies and building safety and security systems.
- E. Existing Openings: Where hardware components are scheduled for application to existing construction or where modifications to existing door hardware are required, field verify existing conditions and coordinate installation of door hardware to suit opening conditions and to provide proper door operation.

1.9 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures including excessive deflection, cracking, or breakage.
 - b. Faulty operation of doors and door hardware, caused by product defects.
 - c. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
 - 2. Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.
 - a. Exit Devices: Three years from date of Substantial Completion.
 - b. Manual Closers: 10 years from date of Substantial Completion.

1.10 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.
- B. Maintenance Service: Beginning at Substantial Completion, provide six months' full maintenance by skilled employees of door hardware Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door and door hardware operation. Provide parts and supplies that are the same as those used in the manufacture and installation of original products.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. Provide door hardware for each door as scheduled in Part 3 "Door Hardware Schedule" to comply with requirements in this Section.
 - 1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated, and named manufacturers' products only.
 - 2. Sequence of Operation: Provide electrified door hardware function, sequence of operation, and interface with other building control systems indicated.
- B. Designations: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in Part 3 "Door Hardware Schedule" Article. Products are identified by using door hardware designations, as follows:
 - 1. Named Manufacturers' Products: Manufacturer and product designation are listed for each door hardware type required no substitutions. Manufacturers' names are abbreviated in Part 3 "Door Hardware Schedule" Article.

2.2 HINGES

- A. Hinges: BHMA A156.1. Provide template-produced hinges for hinges installed on hollow-metal doors and hollow-metal frames.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - a. McKinney; an ASSA ABLOY Group Company.

2.3 MECHANICAL LOCKS AND LATCHES

- A. Lock Functions: As indicated in door hardware schedule.
- B. Lock Throw: Comply with testing requirements for length of bolts required for labeled fire doors, and as follows:
 - 1. Mortise Locks: Minimum 3/4-inch latchbolt throw.
 - 2. Deadbolts: Minimum 1-inch bolt throw.
- C. Lock Backset: 2-3/4 inches, unless otherwise indicated.
- D. Lock Trim:
 - 1. Description: As indicated on Drawings.
 - 2. Levers: Wrought.
 - 3. Full Plate Escutcheons: Wrought.
 - 4. Dummy Trim: Match lock trim and escutcheons.
 - 5. Operating Device: Lever with Full Plate escutcheons.
- E. Strikes: Provide manufacturer's standard strike for each lock bolt or latchbolt complying with requirements indicated for applicable lock or latch and with strike box and curved lip extended to protect frame; finished to match lock or latch.
- F. Mortise Locks: BHMA A156.13; Operational Grade 1; stamped steel case with steel or brass parts; Series 1000.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - a. Corbin Russwin Architectural Hardware; an ASSA ABLOY Group company.
- G. Push-Pull Latches: Bored, BHMA A156.2; Series 4000 Mortise, BHMA A156.13; Grade 1; with paddle handles that retract latchbolt; capable of being mounted vertically or horizontally.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - a. Corbin Russwin Architectural Hardware; an ASSA ABLOY Group company.

2.4 LOCK CYLINDERS

- A. Provide to all locking devices 6 pin interchangeable core.
- B. Lock Cylinders: Tumbler type, constructed from brass or bronze, stainless steel, or nickel silver.
 - 1. Manufacturer: Same manufacturer as for locking devices.

2. Manufacturers: Subject to compliance with requirements, provide products by one of the:
 - a. Corbin Russwin Architectural Hardware; an ASSA ABLOY Group company.
- C. Standard Lock Cylinders: BHMA A156.5; Grade 1; permanent cores that are interchangeable; face finished to match lockset.
- D. Construction Cores: Provide construction cores that are replaceable by permanent cores. Provide 10 construction master keys.

2.5 KEYING

- A. Keying System: Factory registered, complying with guidelines in BHMA A156.28, Appendix A. Incorporate decisions made in keying conference.
 1. Great-Grand Master Key System: Change keys, a master key, a grand master key, and a great-grand master key operate cylinders.
 2. Existing System:
 - a. Master key or grand master key locks to Owner's existing system. Verify and insure to match existing.
- B. Keys: Nickel silver.
 1. Stamping: Permanently inscribe each key with a visual key control number and include the following notation:
 - a. Notation: "DO NOT DUPLICATE."
 2. Quantity: In addition to one extra key blank for each lock, provide the following:
 - a. Cylinder Change Keys: Three.
 - b. Master Keys: Five.
 - c. Grand Master Keys: Five.
 - d. Great-Grand Master Keys: Five.

2.6 SURFACE CLOSERS

- A. Surface Closers: BHMA A156.4; rack-and-pinion hydraulic type with adjustable sweep and latch speeds controlled by key-operated valves and forged-steel main arm. Comply with manufacturer's written recommendations for size of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Provide factory-sized closers, adjustable to meet field conditions and requirements for opening force.
 1. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - a. LCN Closers; an Ingersoll-Rand company.

2.7 MECHANICAL STOPS AND HOLDERS

- A. Wall- and Floor-Mounted Stops: BHMA A156.16; Stainless Steel base metal.
 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. National Guard Products (NGP).

2.8 OVERHEAD STOPS AND HOLDERS

- A. Overhead Stops and Holders: BHMA A156.8.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - a. Glynn-Johnson; an Ingersoll-Rand company.

2.9 DOOR GASKETING

- A. Door Gasketing: BHMA A156.22; air leakage not to exceed 0.50 cfm per foot of crack length for gasketing other than for smoke control, as tested according to ASTM E 283; with resilient or flexible seal strips that are easily replaceable and readily available from stocks maintained by manufacturer.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - a. National Guard Products.

2.10 METAL PROTECTIVE TRIM UNITS

- A. Metal Protective Trim Units: BHMA A156.6; fabricated from 0.050-inch- thick, finish as indicated; with manufacturer's standard machine or self-tapping screw fasteners.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. IVES Hardware; an Ingersoll-Rand company.

2.11 FABRICATION

- A. Manufacturer's Nameplate: Do not provide products that have manufacturer's name or trade name displayed in a visible location except in conjunction with required fire-rated labels and as otherwise approved by Architect.
 - 1. Manufacturer's identification is permitted on rim of lock cylinders only.
- B. Base Metals: Produce door hardware units of base metal indicated, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18.
- C. Fasteners: Provide door hardware manufactured to comply with published templates prepared for machine, wood, and sheet metal screws. Provide screws that comply with commercially recognized industry standards for application intended, except aluminum fasteners are not permitted. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.
 - 1. Concealed Fasteners: For door hardware units that are exposed when door is closed, except for units already specified with concealed fasteners. Do not use through bolts for installation where bolt head or nut on opposite face is exposed unless it is the only means of securely attaching the door hardware. Where through bolts are used on hollow door and frame construction, provide sleeves for each through bolt.
 - 2. Fire-Rated Applications:

- a. Wood or Machine Screws: For the following:
 - 1) Hinges mortised to doors or frames; use threaded-to-the-head wood screws for wood doors and frames.
 - 2) Strike plates to frames.
 - 3) Closers to doors and frames.
- b. Steel Through Bolts: For the following unless door blocking is provided:
 - 1) Surface hinges to doors.
 - 2) Closers to doors and frames.
 - 3) Surface-mounted exit devices.
- 3. Spacers or Sex Bolts: For through bolting of hollow-metal doors.
- 4. Fasteners for Wood Doors: Comply with requirements in DHI WDHS.2, "Recommended Fasteners for Wood Doors."
- 5. Gasketing Fasteners: Provide noncorrosive fasteners for exterior applications and elsewhere as indicated.

2.12 FINISHES

- A. Provide finishes complying with BHMA A156.18 as indicated in door hardware schedule.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire-rated door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
- B. Wood Doors: Comply with DHI WDHS.5 "Recommended Hardware Reinforcement Locations for Mineral Core Wood Flush Doors."

3.3 INSTALLATION

- A. Mounting Heights: Mount door hardware units at heights unless otherwise indicated or required to comply with governing regulations.
 - 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 - 2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
- B. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing. Do not install surface-mounted items until finishes have been completed on substrates involved.
 - 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
 - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- C. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than the number recommended by manufacturer for application indicated or one hinge for every 30 inches of door height, whichever is more stringent, unless other equivalent means of support for door, such as spring hinges or pivots, are provided.
- D. Lock Cylinders: Install construction cores to secure building and areas during construction period.
 - 1. Furnish permanent cores to Owner for installation.
- E. Key Control System: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule.
- F. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they will impede traffic.
- G. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.

3.4 FIELD QUALITY CONTROL

- A. Independent Architectural Hardware Consultant: Owner will engage a qualified independent Architectural Hardware Consultant to perform inspections and to prepare inspection reports.
 - 1. Independent Architectural Hardware Consultant will inspect door hardware and state in each report whether installed work complies with or deviates from requirements, including whether door hardware is properly installed and adjusted.

3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to

operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

1. Spring Hinges: Adjust to achieve positive latching when door is allowed to close freely from an open position of 30 degrees.
2. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.

- B. Occupancy Adjustment: Approximately six months after date of Substantial Completion, Installer's Architectural Hardware Consultant shall examine and readjust each item of door hardware, including adjusting operating forces, as necessary to ensure function of doors, door hardware, and electrified door hardware.

3.6 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure that door hardware is without damage or deterioration at time of Substantial Completion.

- 3.7 DOOR HARDWARE SCHEDULE: The Hardware Schedule represents the hardware per leaf. Any door not scheduled shall have hardware and similar door and similar function. All doors shall be provided with Hardware as a part of the Basic Bid.

LEGEND

ASSA = ASSA ABLOY
CR = CORBIN RUSSWIN
LCN = LCN
MK = MCKINNEY
PE = PEMKO
RO = ROCKWOOD
VO = VON DUPRIN

HW – 1 (SINGLE DOOR - STORAGE ROOM, CUSTODIAL, MECHANICAL)

DOORS #102E, 103A, 103B, 113E, 1CUST3, 1MECH1, 207Aa, 207Ab, 2CUST3, 2CUST4, 309, 310A, 310B, 312A, 312B, 315A, 315B, 316, 3MECH10, 3MECH11, 3STO5, 3STRW4

1½	PAIR BUTTS	MPB68 - 4 ½ X 4 ½	MK	26D
1	MORTISE LOCK	ML2057 x LWM	CR	626
1	CLOSER	4040 XP REG/PA TBWMS	LCN	AL
1	WALL BUMPER	406	RO	US32D
3	DOOR SILENCERS	608-RKW	RO	GREY

NOTE: ALSO PROVIDE A 10" HIGH METAL KICK PLATES FOR OPENINGS #113E, #1CUST3, #2CUST3, #2CUST4, #309, #310A, #310B, #312A, #312B, #315A, #315B, & #316 –

KICK PLATES SHALL BE EQUAL TO ASSA ABLOY “ROCKWOOD” #K1050; .050” THICKNESS, US26D/626 FINISH.

NOTE: ON EXISTING DOORS, ALSO PROVIDE A WRAP-AROUND EQUAL TO *DON JO* #4U2CW WITH ESCUTCHEON TRIM, FINISH TO MATCH LOCKSET.

HW – 2 (SINGLE DOOR – EXIT TO STAIRS)

DOORS #2STRW1, 2STRW2, 2STRW3, 3STRW2, 3STRW3

1½	PAIR BUTTS	MPB68 - 4 ½ X 4 ½ FTMS	MK	26D
1	EXIT DEVICE	98L-BE-F x 996-R/V-BE-425-SNB	VO	26D
1	CLOSER	4040 XP REG/PA TBWMS	LCN	AL
1	WALL BUMPER	406	RO	US32D
1	SMOKE SEAL	S88 BL 17’	PE	BLACK
1	THRESHOLD	205AV 36”	PE	AL
1	KICK PLATE	“ROCKWOOD” K1050	ASSA	US26D/626

HW – 3 (OFFICE)

DOORS #102, 102A, 102B, 102C, 102F, 104, 106, 106A, 107, 108A, 108B, 109A, 109d, 110a, 110B, 110b, 110C, 110c, 111, 111A, 111B, 113, 113B, 113C, 113D, 114, 200A, 201, 202, 203, 204A, 204B, 205, 206, 207A, 207B, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 284A, 284B, 284C

1½	PAIR BUTTS	MPB68 - 4 ½ X 4 ½	MK	26D
1	MORTISE LOCK	ML2051 x LWM	CR	626
1	PERMANENT CORE	8000 KY3 VKC1	CR	626
1	CLOSER	4040 XP REG/PA TBWMS	LCN	AL
1	WALL BUMPER	406	RO	US32D
3	DOOR SILENCERS	608-RKW	RO	GREY

NOTE: ALSO PROVIDE A 10” HIGH METAL KICK PLATES FOR OPENINGS #110B, #111, #111A, #111B, #113E, #216, #217, #218, #219, #220, #221, #222, #223, #224, #225, #226, #227, #228, #229, #230, #231, #232, #233, #234, #235, #236, #237, #238, #239, #240, #241, #242, #243, #244, #245, #246, #247, #248, #249, #250, #251, #252, #253, #284A, #284B, & #284C – KICK PLATES SHALL BE EQUAL TO ASSA ABLOY “ROCKWOOD” #K1050; .050” THICKNESS, US26D/626 FINISH.

NOTE: ON EXISTING DOORS, ALSO PROVIDE A WRAP-AROUND EQUAL TO *DON JO* #4U2CW WITH ESCUTCHEON TRIM, FINISH TO MATCH LOCKSET.

HW – 4 (TOILET ROOM – PRIVATE)

DOORS: #102D, 1RR3, 2TOIL2

1½	PAIR BUTT	MPB68 – 4 ½ X 4 ½	MK	26D
1	MORTISE LOCK	ML2060 x LWM x CL6	CR	626
1	CLOSER	4040 XP x P REG/PA TBWMS	LCN	AL
1	WALL BUMPER	406	RO	US32B
3	DOOR SILENCERS	608-RKW	RO	GREY

NOTE: ON EXISTING DOORS, ALSO PROVIDE A WRAP-AROUND EQUAL TO *DON JO* #4U2CW WITH ESCUTCHEON TRIM, FINISH TO MATCH LOCKSET.

HW – 5 (PAIR DOORS – EXIT TO STAIRS)

DOORS #1STRW2A, 1STRW3A, 3STRW2, 3STRW3

3	PAIR BUTTS	MPB68 - 4 ½ X 4 ½ FTMS	MK	26D
1	FIRE-RATED MULLION	9954 87"	VO	SP28
2	FIRE EXIT DEVICES	98L-BE-F x 996-R/V-BE-425-SNB	VO	US26D
2	CLOSERS	4040 XP REG/PA TBWMS	LCN	AL
2	WALL BUMPERS	406	RO	US32D
1	SMOKE SEAL	S88 BL 20'	PE	BLACK
1	MULLION GASKETING	510BL 120	PE	

NOTE: ALSO PROVIDE A 10" HIGH METAL KICK PLATES FOR OPENINGS #1STRW2A & #1STRW3A – KICK PLATES SHALL BE EQUAL TO ASSA *ABLOY* "ROCKWOOD" #K1050; .050" THICKNESS, US26D/626 FINISH

HW – 6 (PAIR DOORS –STAIRS TO EXTERIOR)

DOORS #1STRW2B, 1STRW3B

3	PAIR BUTTS	MPB99 - 4 ½ X 4 ½ NRP FTMS	MK	26D
1	FIRE-RATED MULLION	9954 87"	VO	SP28
2	FIRE EXIT DEVICES	98EO-F-425-SNB	VO	US26D
2	CLOSERS	4040 XP REG/PA TBWMS	LCN	AL
2	FLOOR STOP	1258M	TR	626
2	RISER	1257R	TR	628
1	RAINDRIP	346C 76"	PE	
2	WEATHERSTRIP	306AV 36"	PE	
2	DORR BOTTOM SWEEP	3452AV 36"	PE	
2	THRESHOLD	2005AV 36"	PE	AL

HW – 7 (PAIR DOORS - STORAGE ROOM, MECHANICAL)

DOORS #105A, 208Aa

3	PAIR BUTTS	MPB68 - 4 ½ X 4 ½ FTMS	MK	US26D
2	FLUSH BOLTS	557	RO	US26D
1	MORTISE LOCK	ML2057 x LWM	CR	626
1	CLOSER	4040 XP REG/PA TBRST	LCN	AL
2	WALL BUMPERS	406	RO	US32D
1	DUST PROOF STIKE	570	RO	US26D
6	DOOR SILENCERS	608-RKW	RO	GREY

NOTE: ALSO PROVIDE A 10" HIGH METAL KICK PLATES FOR OPENING #105A – KICK PLATES SHALL BE EQUAL TO ASSA ABLOY "ROCKWOOD" #K1050; .050" THICKNESS, US26D/626 FINISH.

NOTE: ON EXISTING DOORS, ALSO PROVIDE A WRAP-AROUND EQUAL TO *DON JO* #4U2CW WITH ESCUTCHEON TRIM, FINISH TO MATCH LOCKSET.

HW – 8 (EXTERIOR EXIT)

DOORS #1VEST3B, 1STRW3B

1½	PAIR BUTTS	MPB99 - 4 ½ X 4 ½ NRP FTMS	MK	26D
1	EXIT DEVICES	98EO-425-SNB	VO	US26D
1	CLOSERS	4040 XP REG/PA TBWMS	LCN	AL
1	FLOOR STOP	1258M	TR	626
1	RISER	1257R	TR	628
1	RAINDRIP	346C 40"	PE	
1	WEATHERSTRIP	306AV 36"	PE	
1	DOOR BOTTOM SWEEP	3452AV 36"	PE	
1	THRESHOLD	2005AV 36"	PE	AL
3	DOOR SILENCERS	608-RKW	RO	GREY

HW – 9 (CLASSROOM – INTRUDER)

DOORS #113F, 113G, 208A, 208B

1½	PAIR BUTTS	MPB68 - 4 ½ X 4 ½	MK	26D
1	MORTISE LOCK	ML2052 x LWM	CR	626
1	PERMANENT CORE	8000 KY3 VKC1	CR	626
1	CLOSER	4040 XP REG/PA TBWMS	LCN	AL
1	WALL BUMPER	406	RO	US32D
3	DOOR SILENCERS	608-RKW	RO	GREY
1	KICK PLATE	"ROCKWOOD" K1050	ASSA	US26D/626

NOTE: ON EXISTING DOORS, ALSO PROVIDE A WRAP-AROUND EQUAL TO *DON JO* #4U2CW WITH ESCUTCHEON TRIM, FINISH TO MATCH LOCKSET.

HW – 10 (INTERIOR EXIT)

DOORS #1VEST3A, 1CORR4

1½	PAIR BUTTS	MPB68 - 4 ½ X 4 ½ FTMS	MK	26D
1	FIRE EXIT DEVICE	98L-BE-F x 996-R/V-BE-425-SNB	VO	US26D
1	CLOSER	4040 XP REG/PA TBWMS	LCN	AL
1	WALL BUMPER	406	RO	US32D
1	SMOKE SEAL	S88 BL 17'	PE	BLACK

HW – 11 (SINGLE ALUMINUM ENTRANCE/EXIT)

DOORS #113F, 113G, 108L, 211, 216A, 237A, 238A, 251A

1	PERMANENT CORE	8000 KY3 VKC1	CR	626
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REMAINDER OF HARDWARE BY ALUMINUM ENTRANCE SUPPLIER

HW – 12 (PAIR ALUMINUM ENTRANCE/EXIT)

DOORS #1VESTA, 1VESTB, 1VESTC, 1VESTD

2	PERMANENT CORES	8000 KY3 VKC1	CR	626
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REMAINDER OF HARDWARE BY ALUMINUM ENTRANCE SUPPLIER

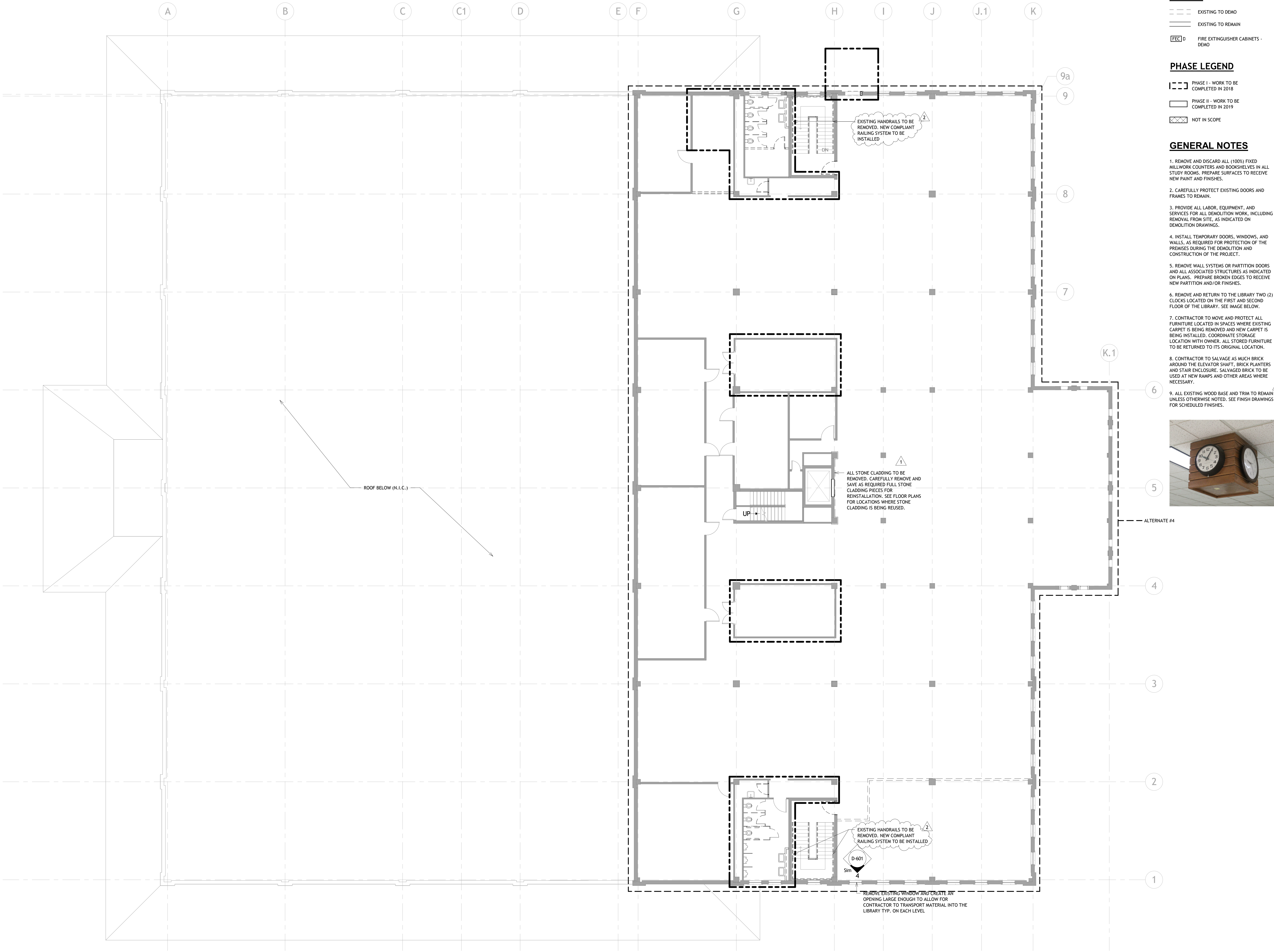
END OF SECTION

8/7/2018 10:28:13 AM

1

THIRD FLOOR DEMOLITION PLAN

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



LEGEND

- EXISTING TO DEMO
- EXISTING TO REMAIN
- FIRE EXTINGUISHER CABINETS - DEMO

PHASE LEGEND

- PHASE I - WORK TO BE COMPLETED IN 2018
- PHASE II - WORK TO BE COMPLETED IN 2019
- NOT IN SCOPE

GENERAL NOTES

- REMOVE AND DISCARD ALL (100%) FIXED MILLWORK COUNTERS AND BOOKSHELVES IN ALL STUDY ROOMS. PREPARE SURFACES TO RECEIVE NEW PAINT AND FINISHES.
- CAREFULLY PROTECT EXISTING DOORS AND FRAMES TO REMAIN.
- PROVIDE ALL LABOR, EQUIPMENT, AND SERVICES FOR ALL DEMOLITION WORK, INCLUDING REMOVAL FROM SITE, AS INDICATED ON DEMOLITION DRAWINGS.
- INSTALL TEMPORARY DOORS, WINDOWS, AND WALLS, AS REQUIRED FOR PROTECTION OF THE PREMISES DURING THE DEMOLITION AND CONSTRUCTION OF THE PROJECT.
- REMOVE WALL SYSTEMS OR PARTITION DOORS AND ALL ASSOCIATED STRUCTURES AS INDICATED ON PLANS. PREPARE BROKEN EDGES TO RECEIVE NEW PARTITION AND/OR FINISHES.
- REMOVE AND RETURN TO THE LIBRARY TWO (2) CLOCKS LOCATED ON THE FIRST AND SECOND FLOOR OF THE LIBRARY. SEE IMAGE BELOW.
- CONTRACTOR TO MOVE AND PROTECT ALL FURNITURE LOCATED IN SPACES WHERE EXISTING CARPET IS BEING REMOVED AND NEW CARPET IS BEING INSTALLED. COORDINATE STORAGE LOCATION WITH OWNER. ALL STORED FURNITURE TO BE RETURNED TO ITS ORIGINAL LOCATION.
- CONTRACTOR TO SALVAGE AS MUCH BRICK AROUND THE ELEVATOR SHAFT, BRICK PLANTERS AND STAIR ENCLOSURE. SALVAGED BRICK TO BE USED AT NEW RAMPS AND OTHER AREAS WHERE NECESSARY.
- ALL EXISTING WOOD BASE AND TRIM TO REMAIN UNLESS OTHERWISE NOTED. SEE FINISH DRAWINGS FOR SCHEDULED FINISHES.



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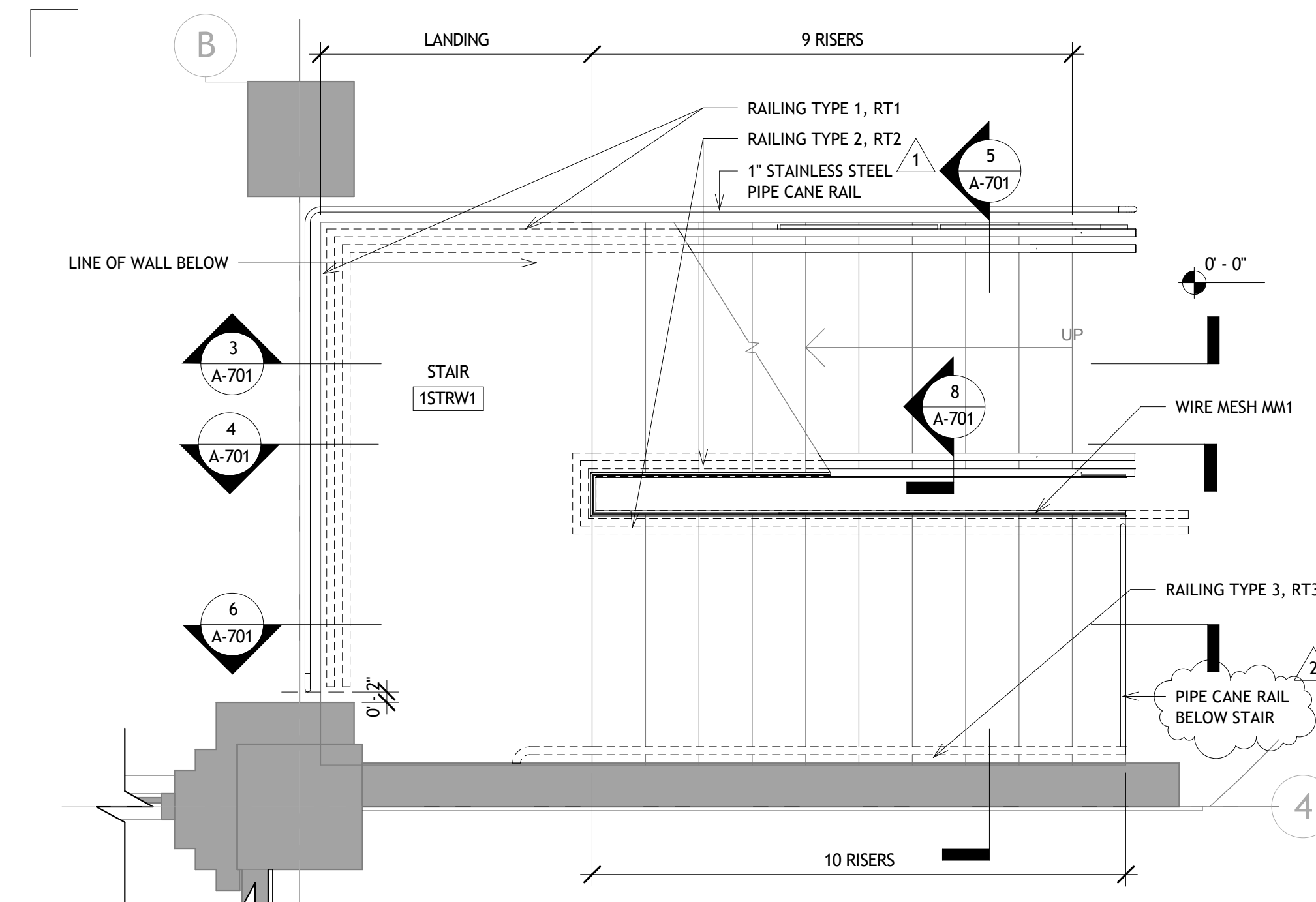
REVISIONS

No.	Date:	Description:
1	08.02.18	ADDENDUM #3
2	08.07.18	ADDENDUM #5

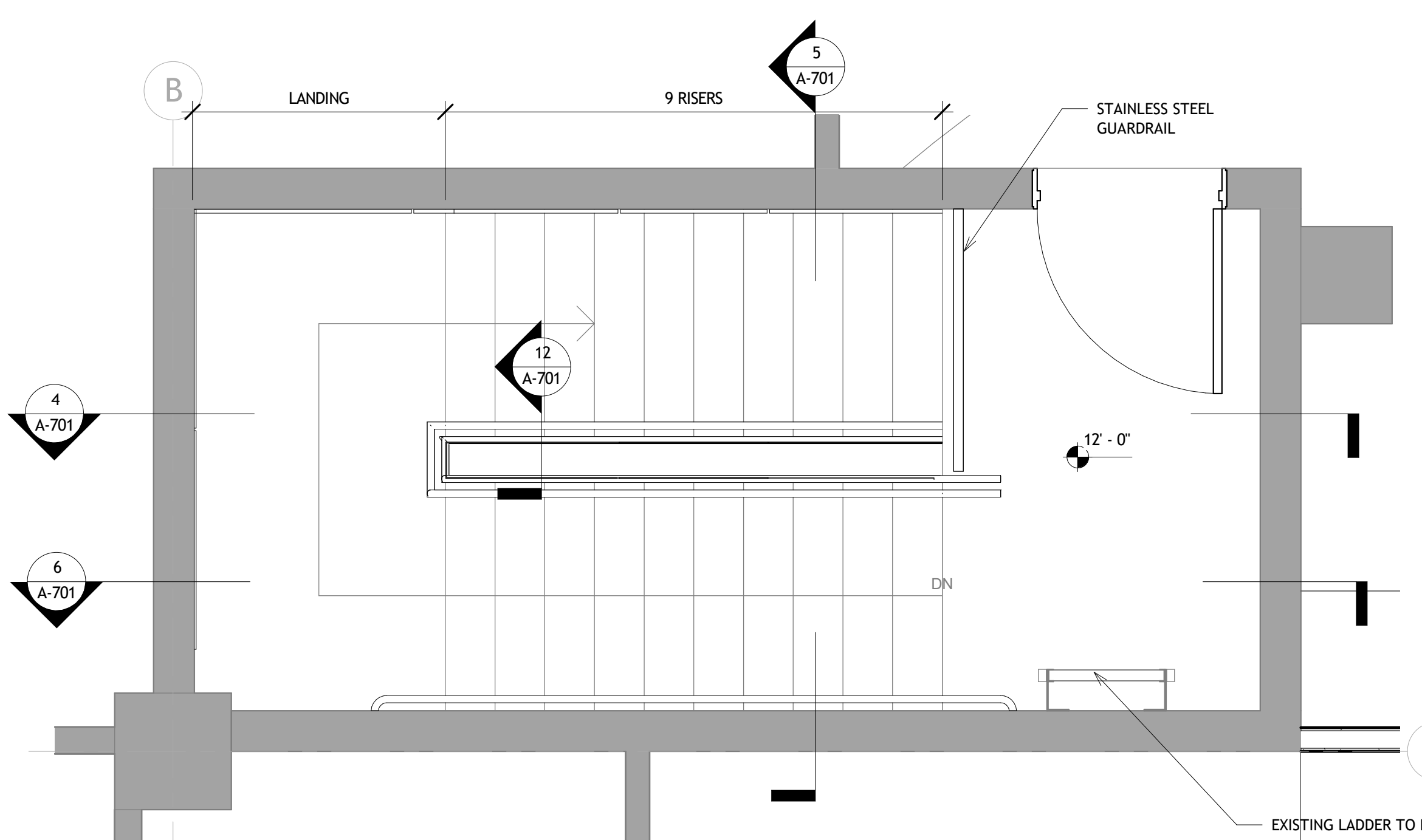
HMSA PROJECT NUMBER: 06113.00

THIRD FLOOR DEMOLITION PLAN

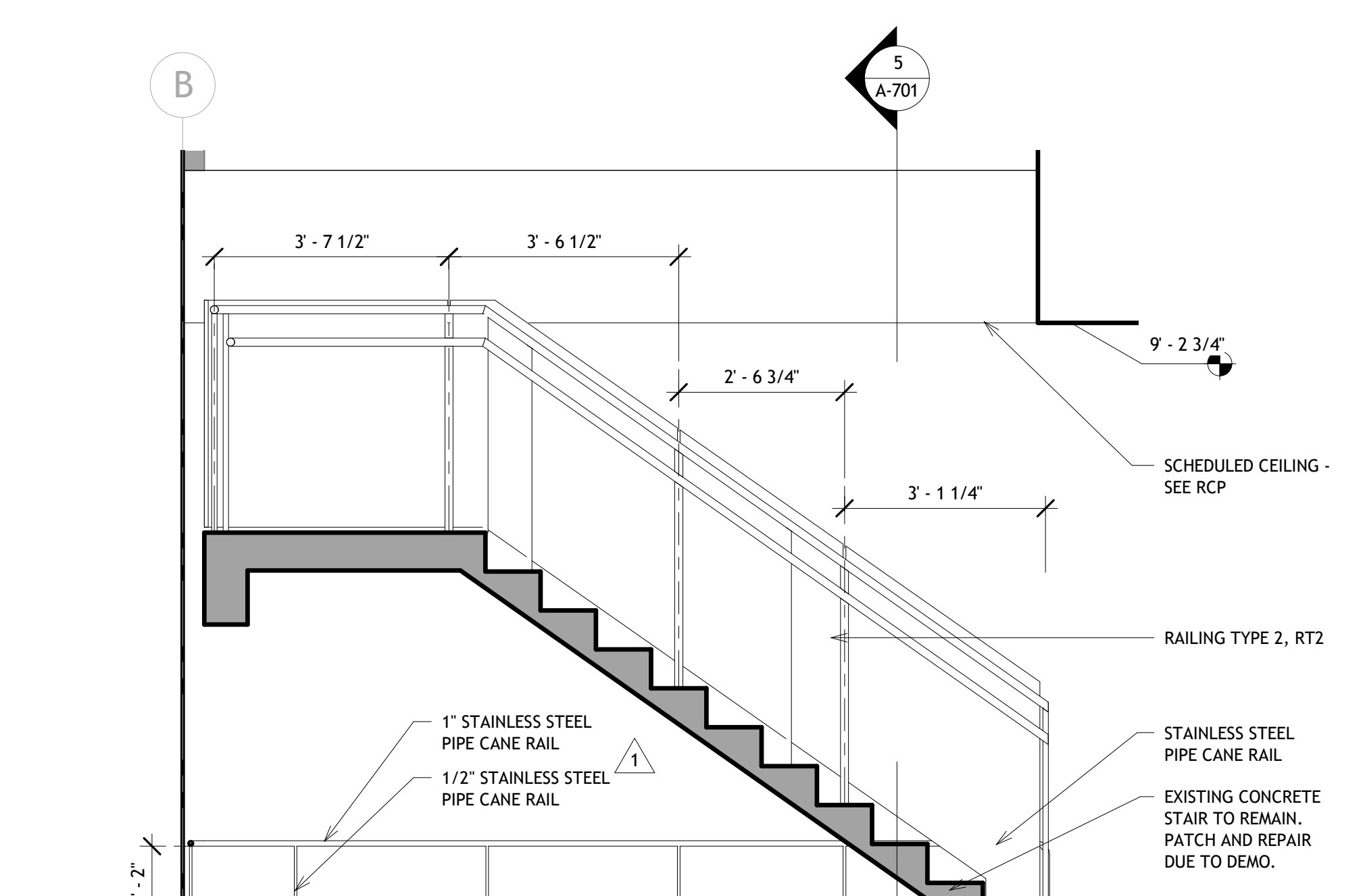
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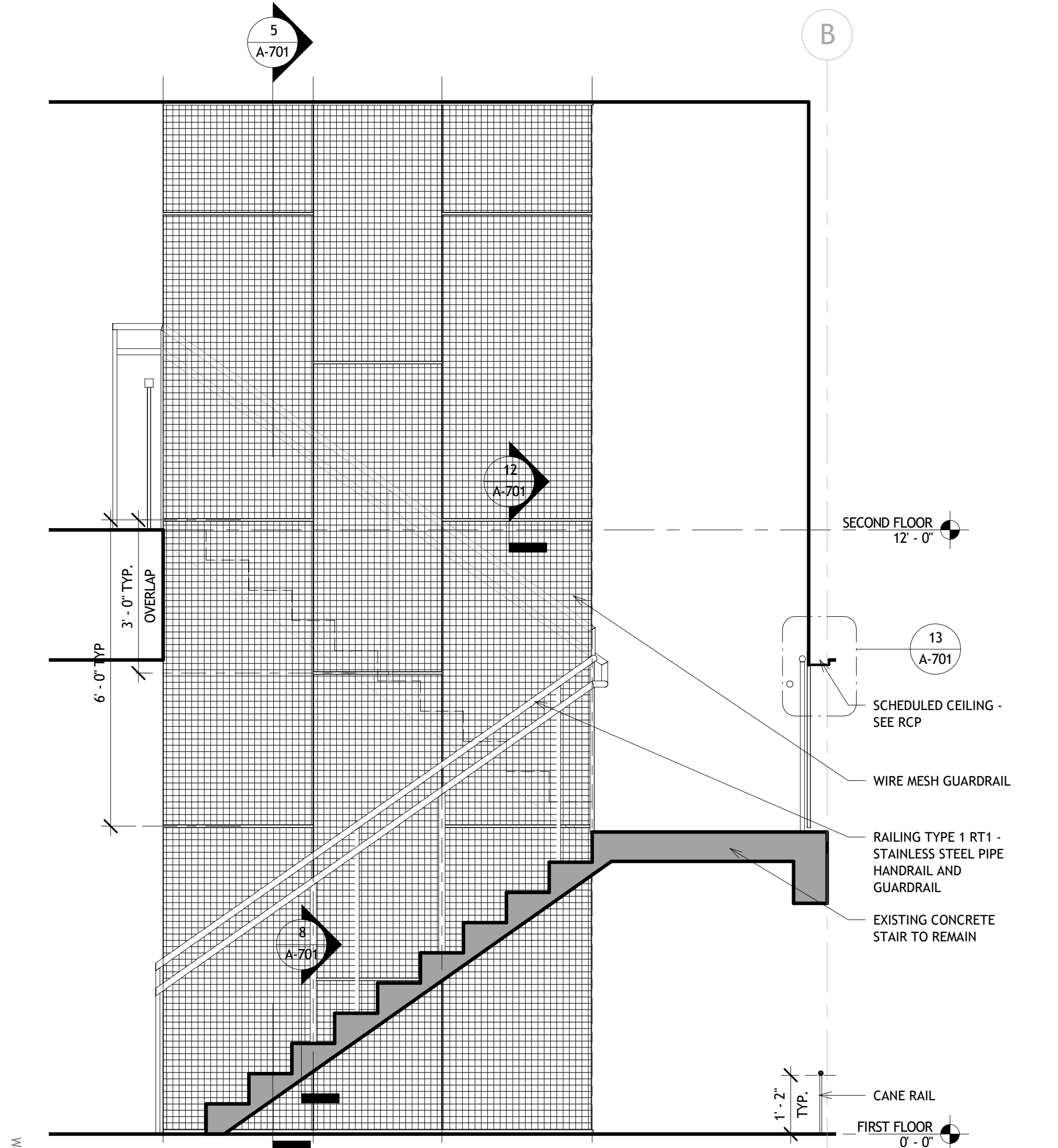
1 FIRST FLOOR STAIR PLAN
SCALE: 1/2" = 1'-0"



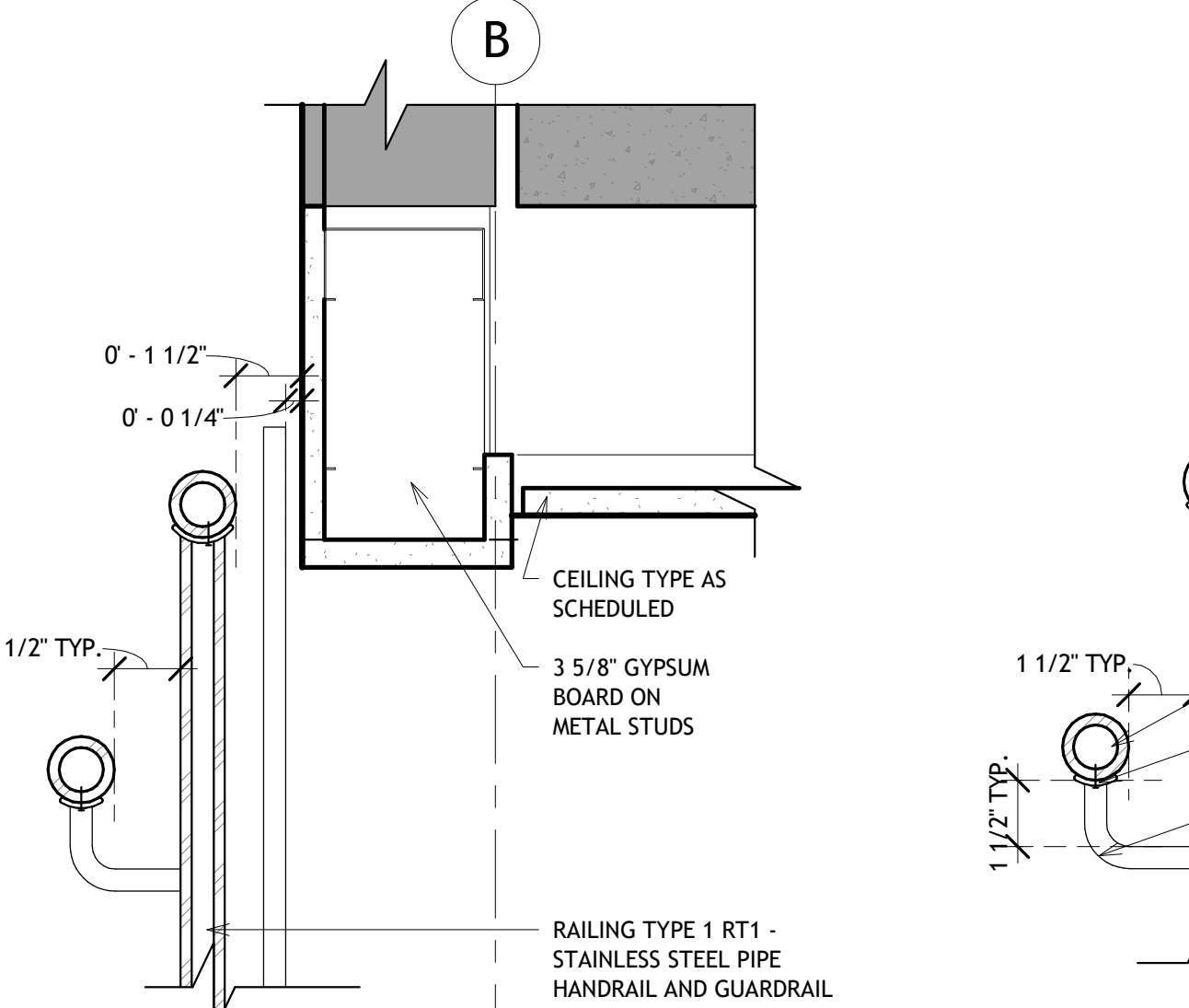
2 SECOND FLOOR STAIR PLAN
SCALE: 1/2" = 1'-0"



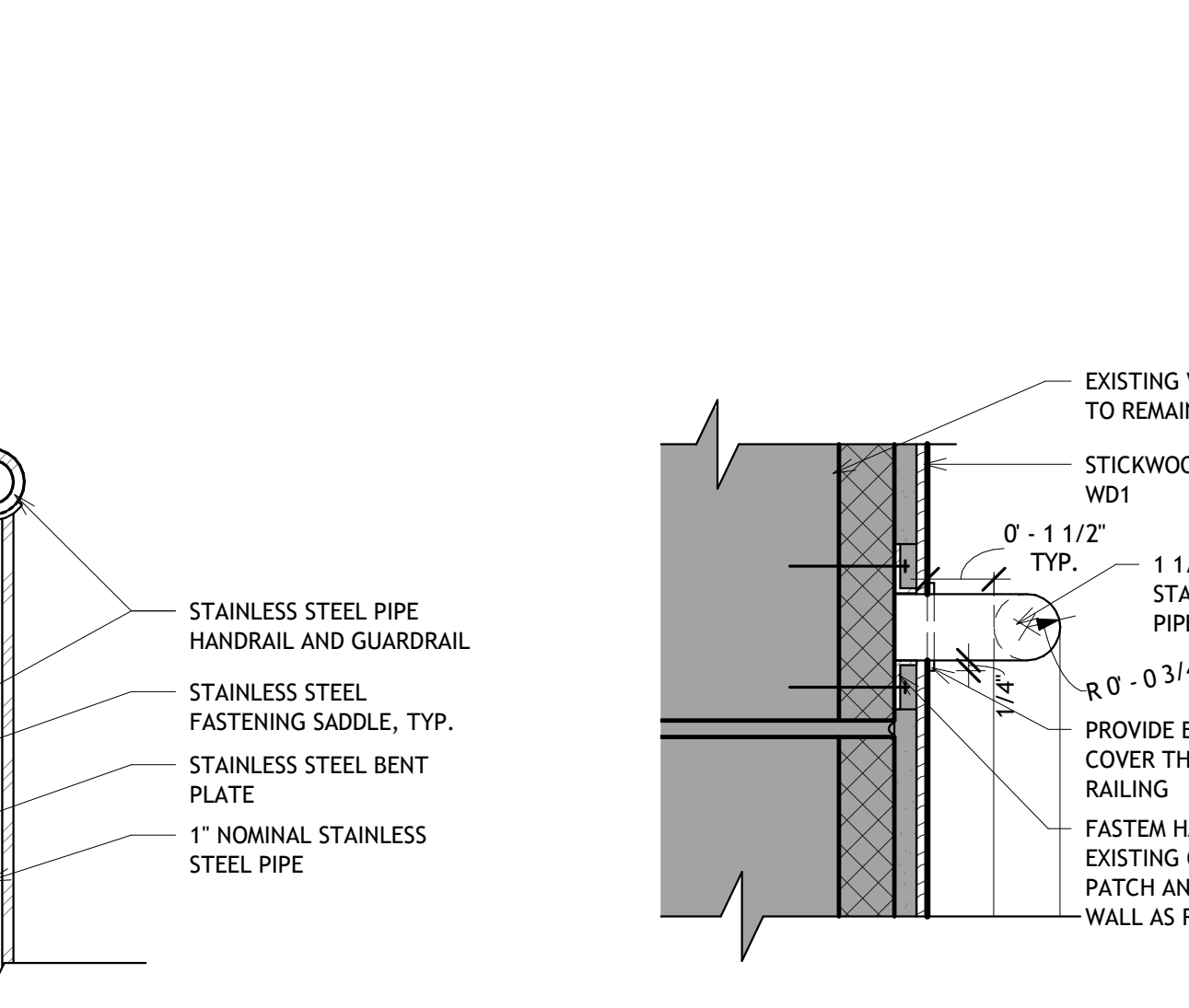
3 STAIL SECTION LOOKING NORTH
SCALE: 1/2" = 1'-0"



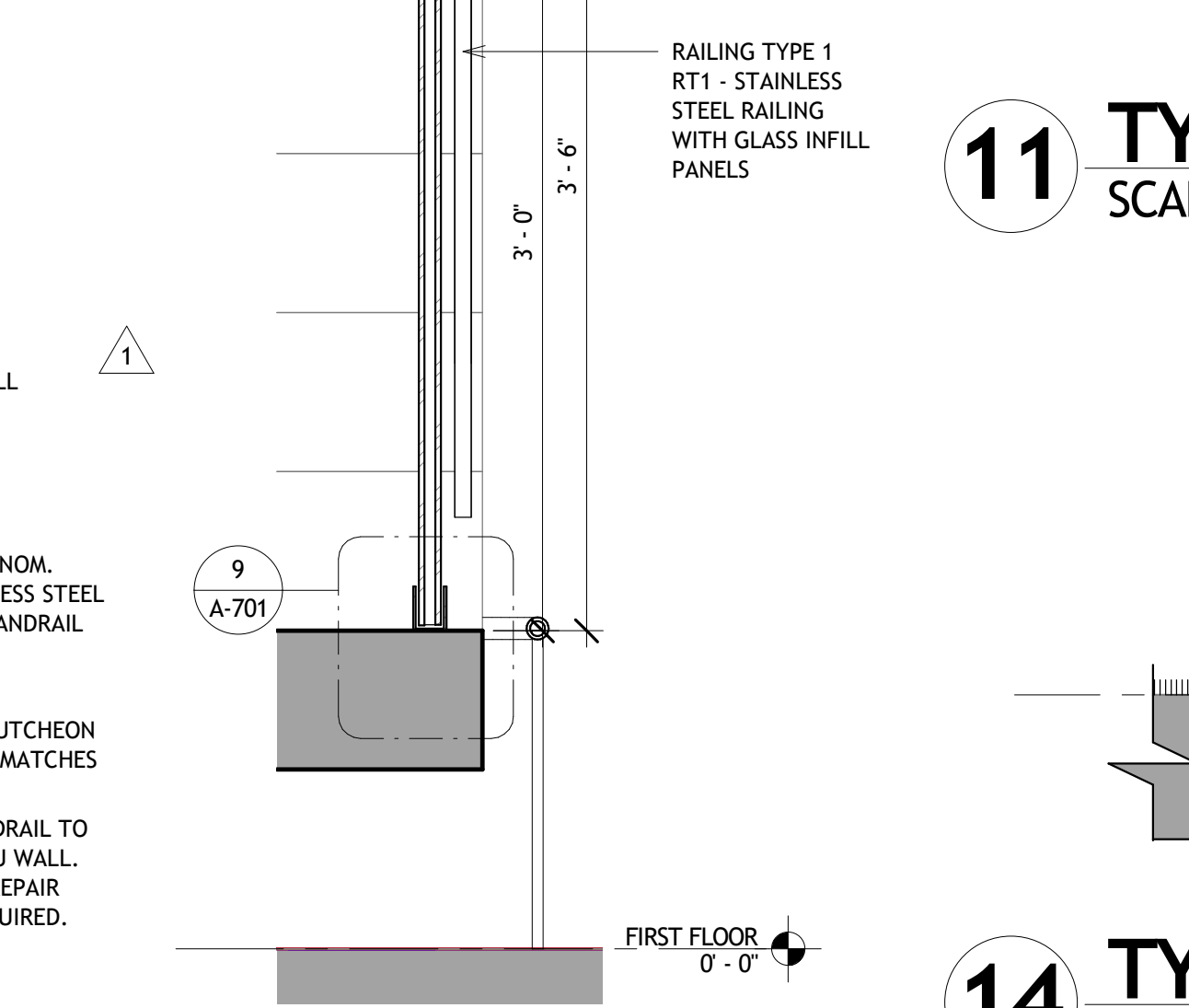
4 STAIR SECTION LOOKING SOUTH
SCALE: 1/2" = 1'-0"



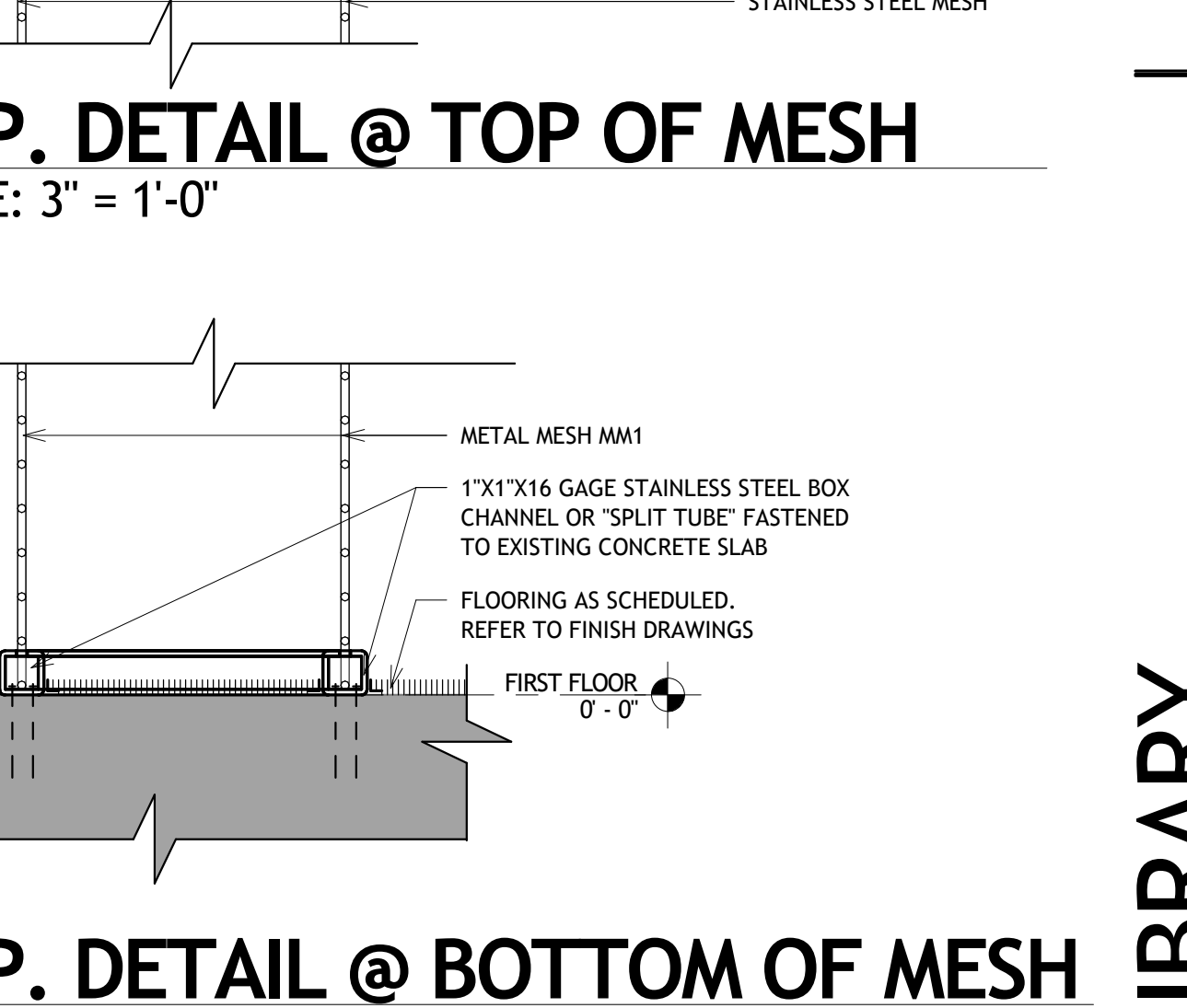
13 DETAIL @ CEILING
SCALE: 3" = 1'-0"



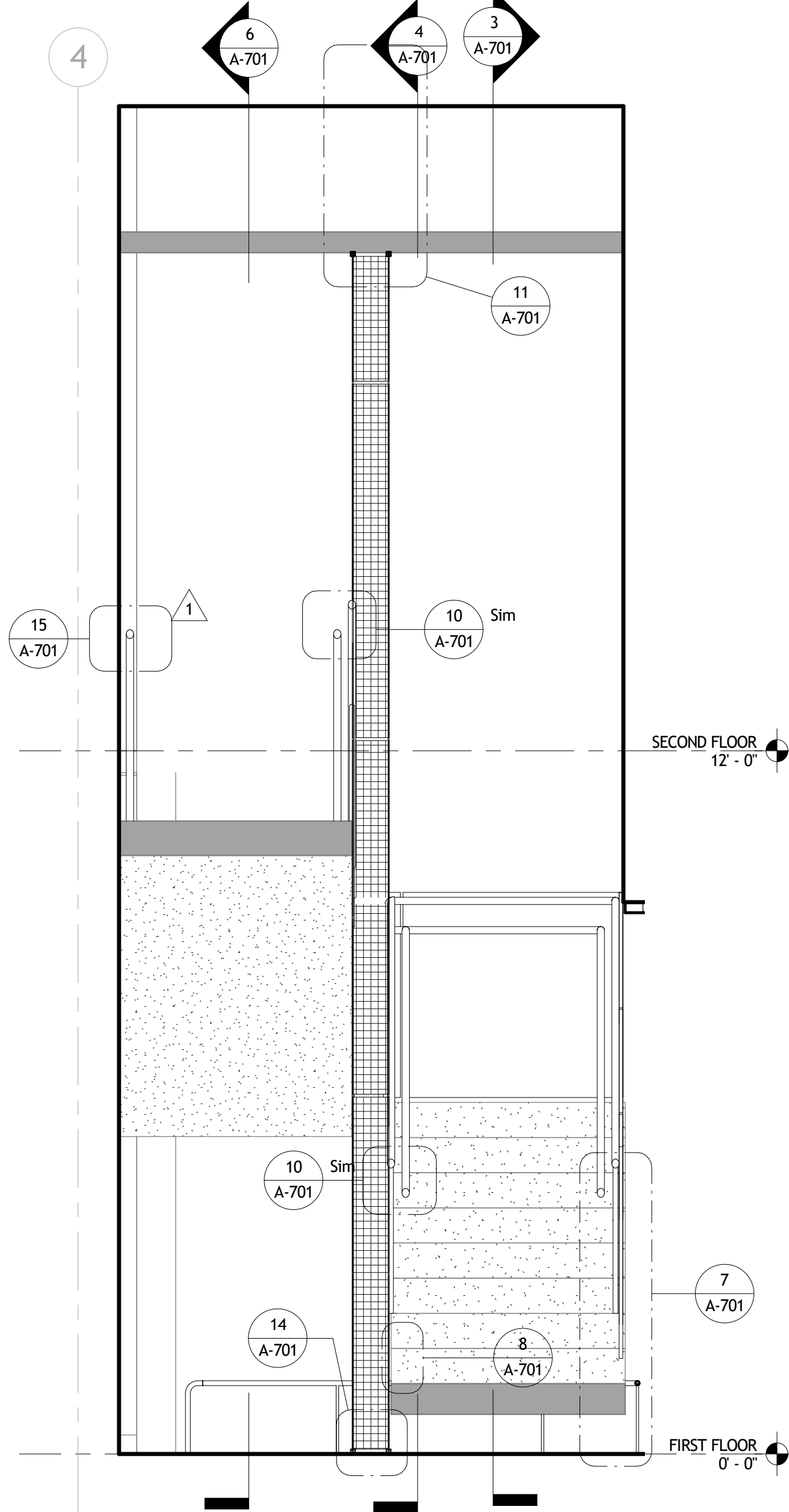
10 RT1 & RT2 DETAIL
SCALE: 3" = 1'-0"



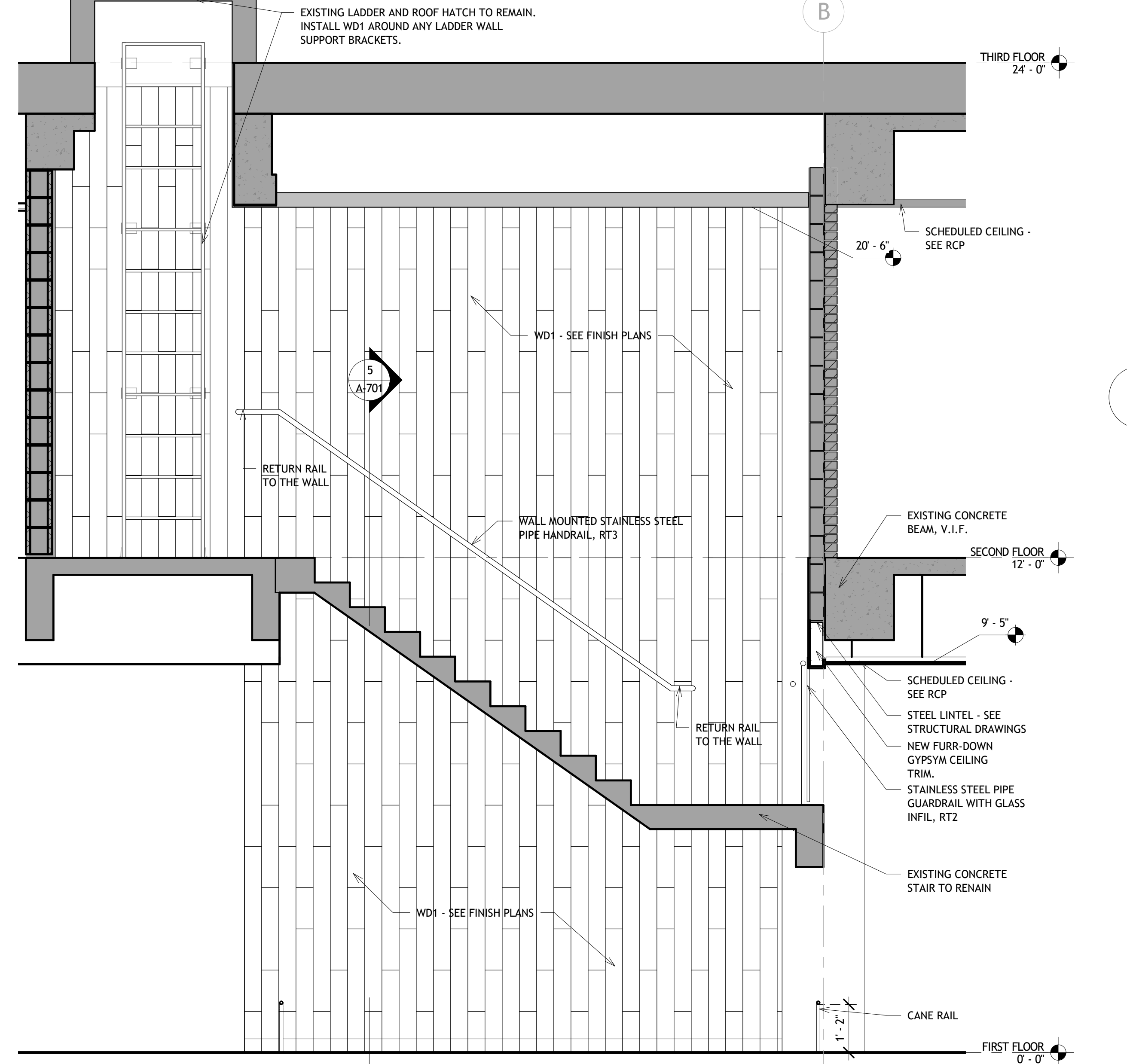
15 RT3 DETAIL
SCALE: 3" = 1'-0"



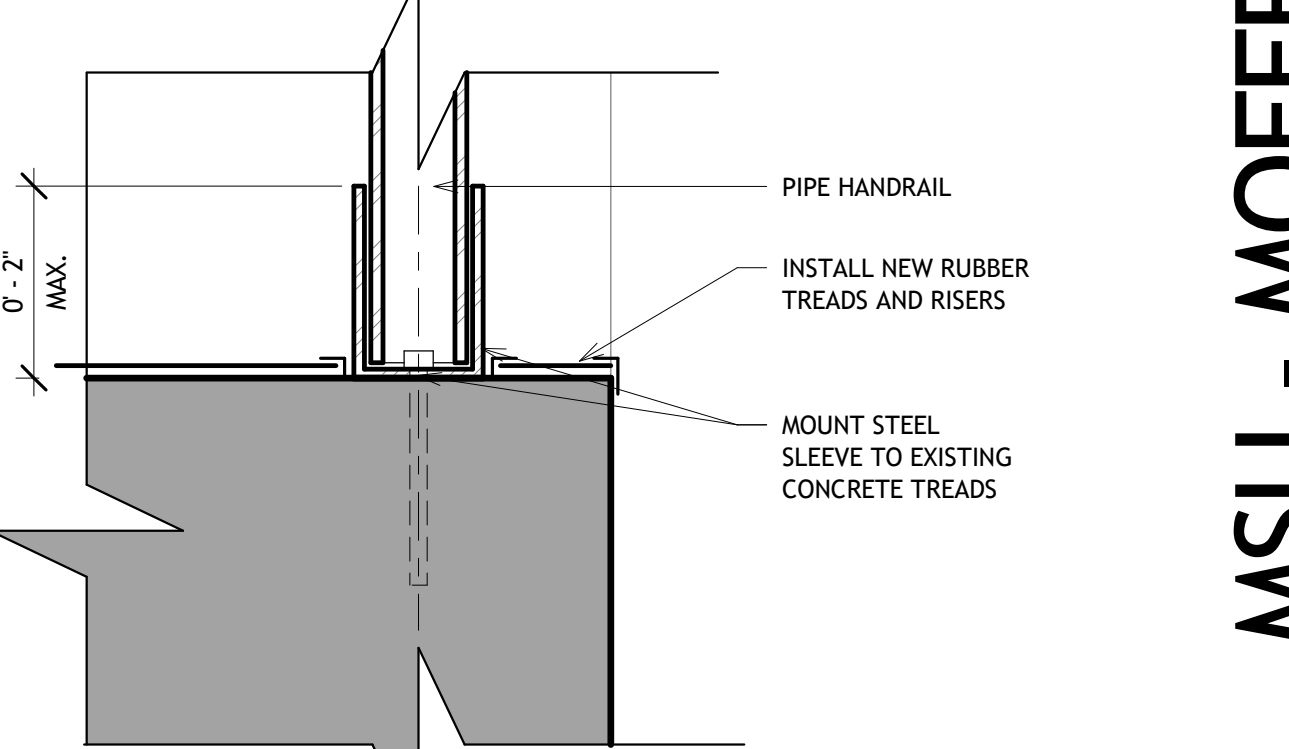
7 RT1 SECTION
SCALE: 1 1/2" = 1'-0"



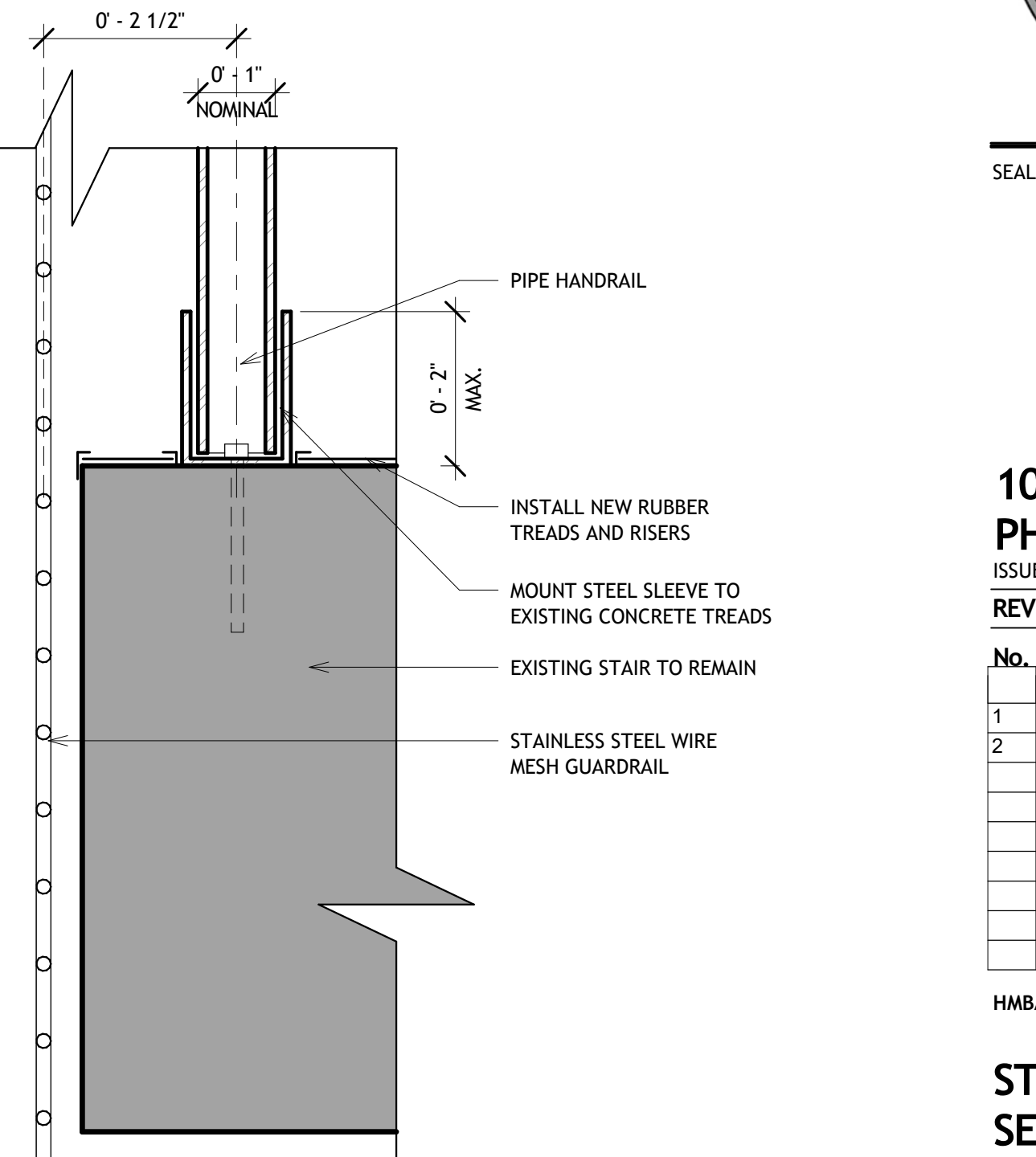
5 STAIR TRANVERSE SECTION
SCALE: 1/2" = 1'-0"



6 STAIR SECTION LOOKING SOUTH
SCALE: 1/2" = 1'-0"



9 DETAIL @ TYPE 1 RAILING
SCALE: 6" = 1'-0"



8 RAILING TYPE 1 DETAIL
SCALE: 6" = 1'-0"

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1	08.02.18	ADDENDUM #3
2	08.07.18	ADDENDUM #5

HMSA PROJECT NUMBER: 06113.00

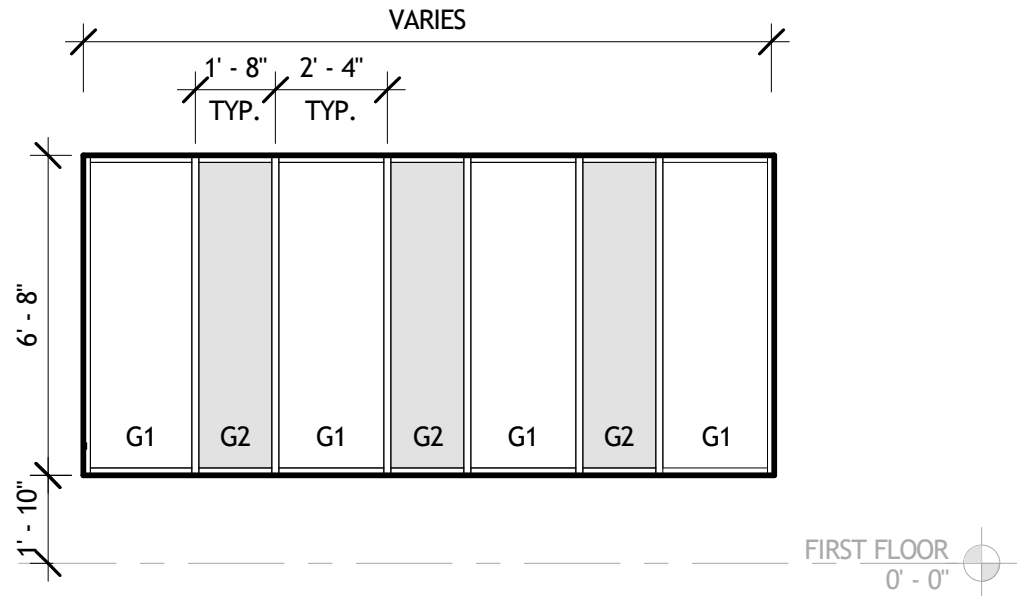
STAIR PLANS &
SECTIONS

A-701

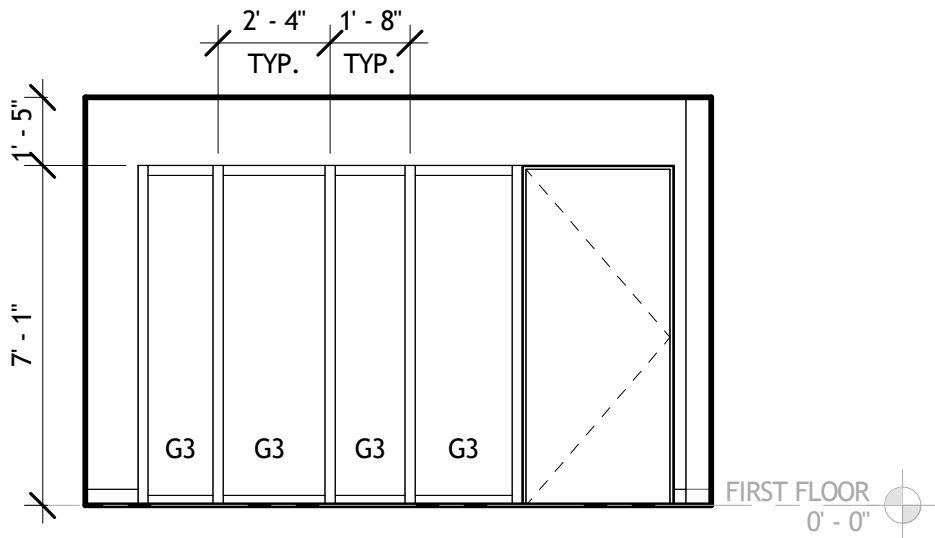
WINDOW TYPES

GLAZING TYPES

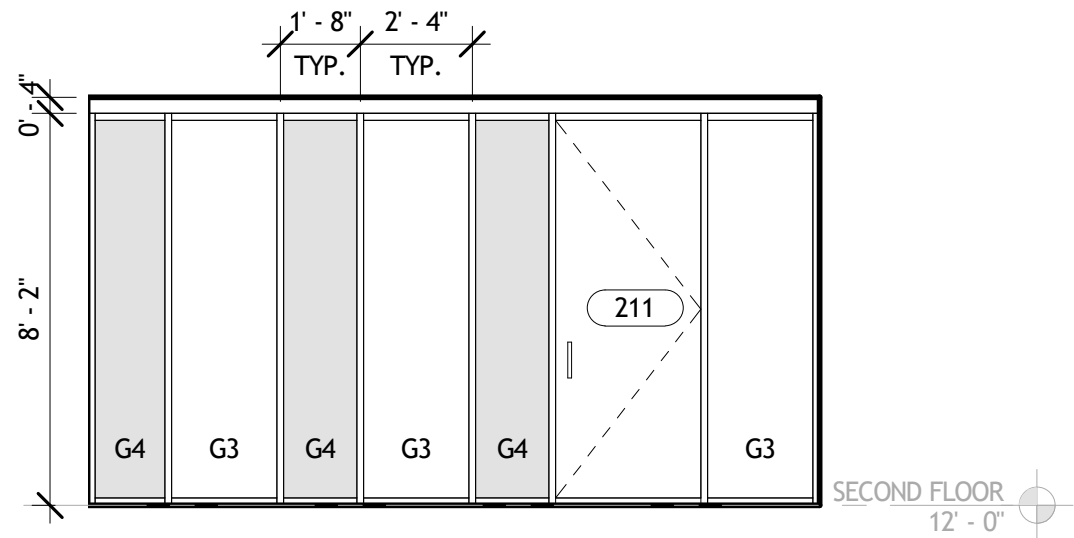
- G1 1/2 INCH LAMINATED CLEAR GLASS
- G2 1/2 INCH DICHROIC LAMINATED GLASS SATIN FINISH, LOW REFLECTIVITY - ALTERNATE #3
- G3 SAFETY GLAZING; 1/2 INCH, CLEAR TEMPERED GLASS
- G4 SAFETY GLAZING; 1/2 INCH DICHROIC TEMPERED GLASS
- G5 INSULATED GLAZING UNIT
- G6 INSULATED GLAZING UNIT



2 STOREFRONT GLAZING PATTERN GP1

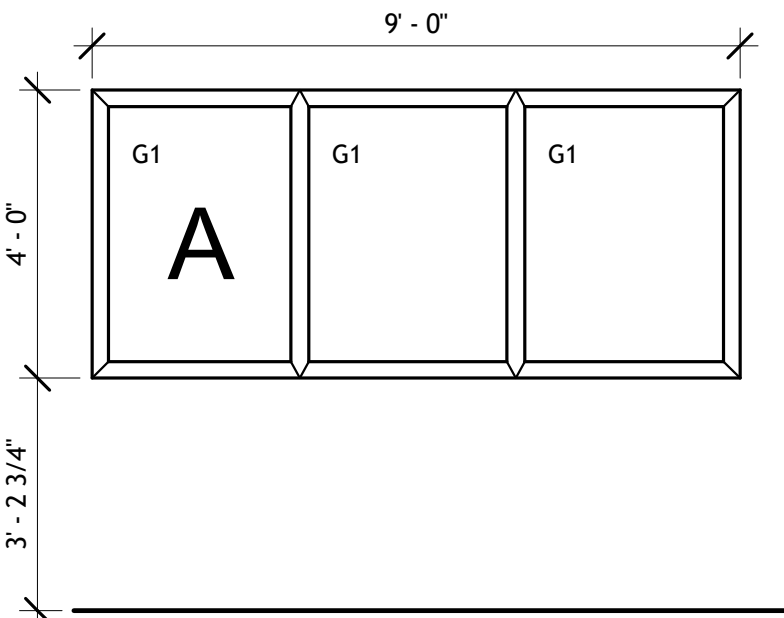


3 STOREFRONT GLAZING PATTERN GP2

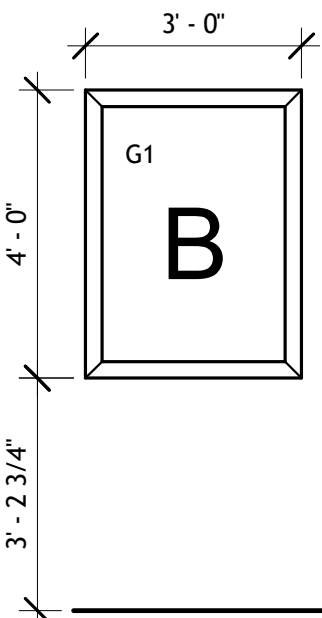


4 STOREFRONT GLAZING PATTERN GP3

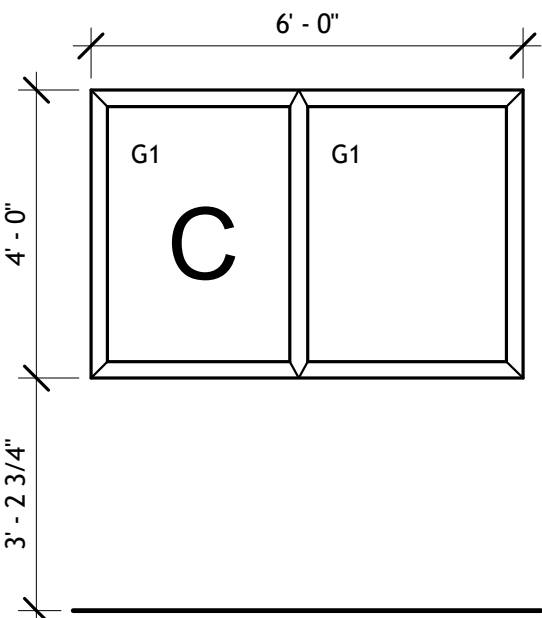
GENERAL NOTE:
ALL EXISTING AND NEW WINDOW FRAMES TO BE PAINTED PT7



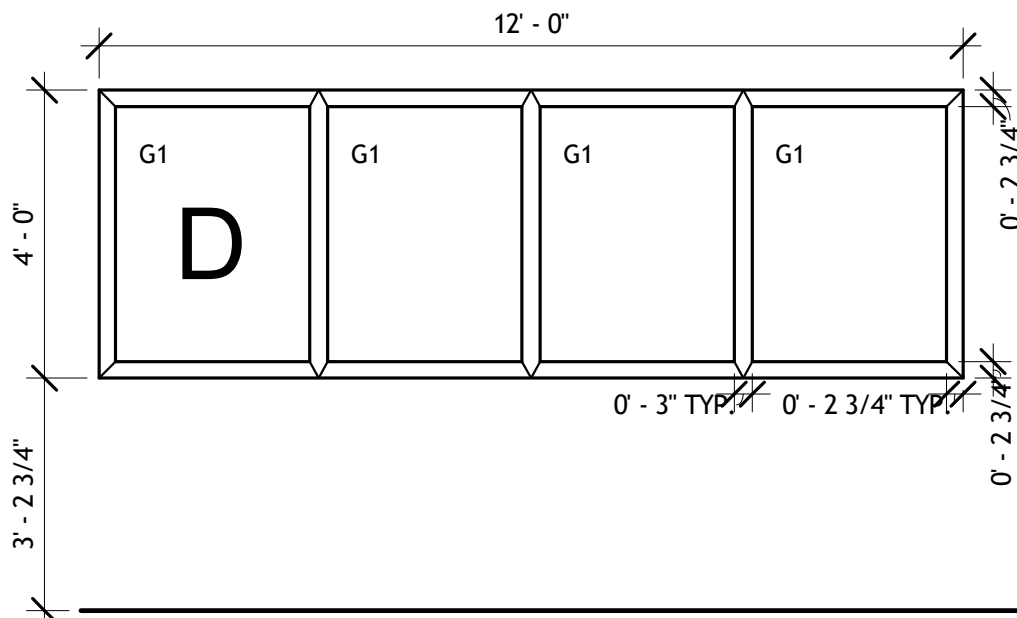
EXISTING TO REMAIN WINDOW TYPE A



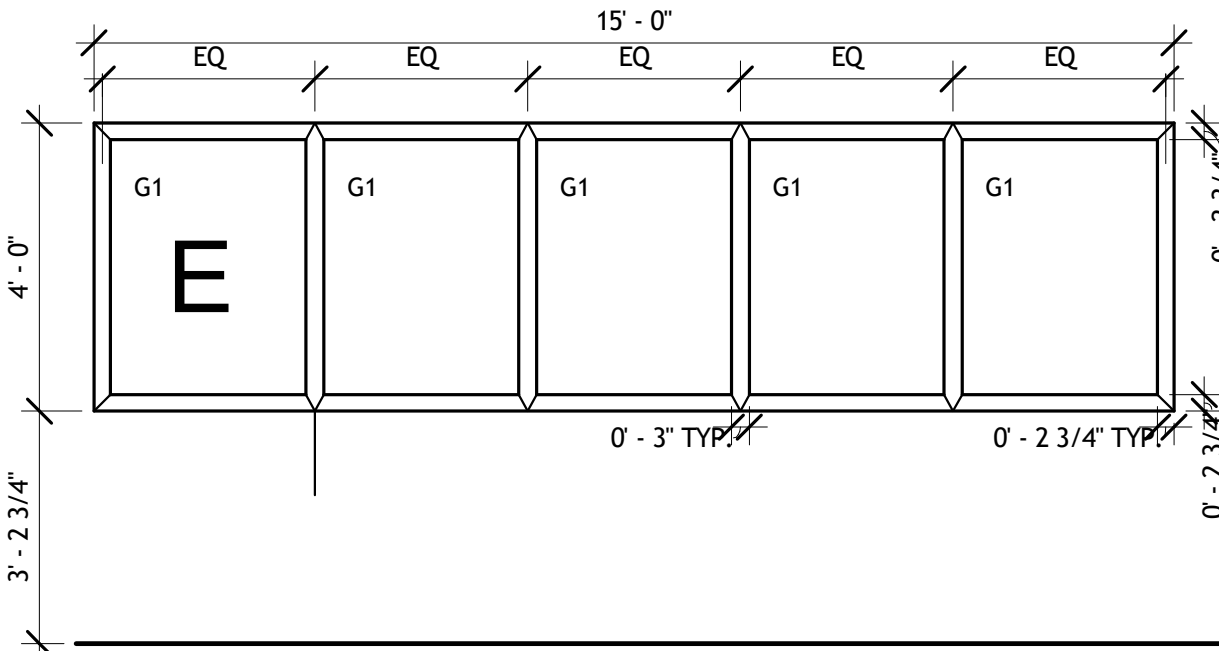
EXISTING TO REMAIN WINDOW TYPE B



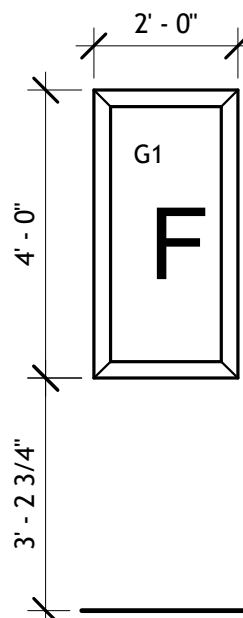
EXISTING TO REMAIN AND NEW WINDOW TYPE C



NEW WINDOW TYPE D



NEW WINDOW TYPE E



NEW WINDOW TYPE F

5 WINDOW ELEVATIONS
SCALE: 3/8" = 1'-0"

FIRST FLOOR

CONDITION	WINDOW TYPE	ROOM	NOTES
NEW	C	113B	PROVIDE WINDOW SHADE ON THE WINDOW OR STOREFRONT DIMENSIONS. REFER TO SPEC SECTION 122413 - WINDOW SHADES FOR SCHEDULED WINDOW SHADE SYSTEM
NEW	C	113C	
NEW	F	113D	
NEW	STOREFRONT	113F	
NEW	STOREFRONT	113G	
EXISTING	B	114	
EXISTING	C	113	
EXISTING	C	104	
EXISTING	B	106	
EXISTING	B	108	
EXISTING	C	108	
EXISTING	C	109	

SECOND FLOOR

CONDITION	WINDOW TYPE	ROOM	NOTES
NEW	E	208	PROVIDE WINDOW SHADE BASED ON THE WINDOW OR STOREFRONT DIMENSIONS. REFER TO SPEC SECTION 122413 - WINDOW SHADES FOR SCHEDULED WINDOW SHADE SYSTEM
NEW	D	207	
EXISTING	A	206	
EXISTING	A	207	
EXISTING	C	200	

6 WINDOW / WINDOW SHADE SCHEDULE
SCALE: 3/8" = 1'-0"

GENERAL GLAZING NOTES:

1. REFER TO INTERIOR ELEVATION SHEETS FOR MORE INFO.
2. REFER TO FLOOR PLANS FOR QUANTITY OF NEW INTERIOR WINDOWS.
3. REFER TO SPEC SECTION 088000 - GLASS AND GLAZING FOR GLAZING TYPES.

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1	08.07.18	ADDENDUM #5

HMBA PROJECT NUMBER: 06113.00

WINDOW ELEVATION
& DETAILS

A-803



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ISSUE DATE: 07.12.2018

REVISION	DESCRIPTION	DATE
1	ADDENDUM NO. 3	08.02.18
2	ADDENDUM NO. 5	08.07.18

HMSA PROJECT NUMBER: 06113.00

DOOR
SCHEDULE

DOOR SCHEDULE - FIRST FLOOR

Tag	Type	Height	Width	Thickness	Door Material	Finish	Frame Type	Frame Material	Frame Finish	Hardware Group	Fire Rating	Wall Condition	Demolished	Phase	Comments
102	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
102A	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT	3	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
102B	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
102C	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
102D	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	4	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
102E	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	1	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
102F	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT	3	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
102A	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	1	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
103B	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	1	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
104	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
105A	10	7'-0"	6'-8" (pair)	1 3/4"	WD	PT	10	HM	PT	7	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
106	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
106A	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
107	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
108A	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
108B	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
108L	9	7'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	9	Aluminum	Prefinished	11	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
109A	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
109d	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
110a	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
110B	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT	3	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
110b	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
110C	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT	3	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
110c	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
111	3	7'-0"	3'-0"	1 3/4"	WD	PNT	3	HM	PNT	3	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
111A	3	7'-0"	3'-0"	1 3/4"	WD	PNT	3	HM	PNT	3	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
111B	3	7'-0"	3'-0"	1 3/4"	WD	PNT	3	HM	PNT	3	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
113	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
113B	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT		NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
113C	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT		NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
113D	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT		NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
113E	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT		NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
113F	9	7'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	9	Aluminum	Prefinished	11	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
113G	9	7'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	9	Aluminum	Prefinished	11	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
114	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1CUST3	1	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	1	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1CORR4	3	7'-0"	3'-0"	1 3/4"	WD	PNT	3	HM	PNT	10	20 MINUTE	New Construction	None	Exist. Door/Frame - New Hdw. & Paint	
1MECH1	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	1	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1RR3	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	HM	PNT	4	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1STRW2A	7	7'-0"	6'-0" (pair)	1 3/4"	WD	PNT	7	HM	PNT	5	20 MINUTE	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1STRW2B	6	7'-0"	6'-0" (pair)	1 3/4"	HM	PNT	6	HM	PNT	6	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1STRW3A	7	7'-0"	6'-0" (pair)	1 3/4"	WD	PNT	7	HM	PNT	5	20 MINUTE	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1STRW3B	6	7'-0"	6'-0" (pair)	1 3/4"	HM	PNT	6	HM	PNT	6	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1VESTA	2	7'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	2	Aluminum	Prefinished	12	NR	Existing	None	Provide w/ Auto Dr. Controller & Activation Plates	
1VESTB	2	7'-0"	6'-0"	1 3/4"	Aluminum	Prefinished	2	Aluminum	Prefinished	12	NR	Existing	None	Provide w/ Auto Dr. Controller & Activation Plates	
1VESTC	1	7'-0"	5'-4"	1 3/4"	Aluminum	Prefinished	1	Aluminum	Prefinished	12	NR	Existing	None	Provide w/ Auto Dr. Controller & Activation Plates	
1VESTD	1	7'-0"	5'-4"	1 3/4"	Aluminum	Prefinished	1	Aluminum	Prefinished	12	NR	Existing	None	Provide w/ Auto Dr. Controller & Activation Plates	
1VEST3A	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	HM	PT	10	20 MINUTE	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
1VEST3B	14	7'-0"	3'-0"	1 3/4"	HM	PNT	14	HM	PT	8	60 MINUTE	Existing	None	Exist. Door/Frame - New Hdw. & Paint	
READING RM. 13		15'-11"+/-	7'-0"+/-	----	----	----	13	HM	PT	----	NR	Existing	None	New Fr. in an Exist. Arched Opg. Ref. 19/A-602	
READING RM. 13		15'-11"+/-	7'-0"+/-	----	----	----	13	HM	PT	----	NR	Existing	None	New Fr. in an Exist. Arched Opg. Ref. 19/A-602	
READING RM. 13		15'-11"+/-	7'-0"+/-	----	----	----	13	HM	PT	----	NR	Existing	None	New Fr. in an Exist. Arched Opg. Ref. 19/A-602	

NO SCALE

DOOR SCHEDULE - SECOND FLOOR

Tag	Type	Height	Width	Thickness	Door Material	Finish	Frame Type	Frame Material	Frame Finish	Hardware Group	Fire Rating	Wall Condition	Phase	Comments
200A	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
201	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
202	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
203	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
204A	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
204B	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
205	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
206	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
207A	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
207B	5	7'-0"	3'-0"	1 3/4"	WD	PNT	5	HM	PNT	3	NR	Existing	None	
207Aa	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	1	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
207Ab	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	1	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
208	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	9	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
208A	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	9	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint
208Aa	12	7'-0"	4'-6" (pair)	1 3/4"	WD	PNT	12	HM	PNT	7	NR	New Construction	None	Exist. Door/Frame - New Hdw. & Paint
211	9	8'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	9	Aluminum	Prefinished	11	NR	New Construction	None	
216	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
216A	9	7'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	9	Aluminum	Prefinished	11	NR	New Construction	None	
217	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
218	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
219	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
220	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
221	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
222	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
223	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
224	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
225	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
226	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
227	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
228	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
229	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
230	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
231	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
232	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
233	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
234	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
235	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
236	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
237	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
237A	9	7'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	9	Aluminum	Prefinished	11	NR	New Construction	None	
238	14	7'-0"	3'-0"	1 3/4"	WD	PNT	14	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
238A	9	7'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	9	Aluminum	Prefinished	11	NR	New Construction	None	
239	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
240	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
241	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
242	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
243	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
244	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
245	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
246	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
247	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
248	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
249	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
250	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
251	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
251A	9	7'-0"	3'-0"	1 3/4"	Aluminum	Prefinished	9	Aluminum	Prefinished	11	NR	New Construction	None	
252	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
253	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	3	NR	Existing	None	Exist. Door/Frame - New Hdw. & Paint; New VP
284A	3	7'-0"	3'-0"	1 3/4"	WD	PT	3	HM	PT	3	NR	New Construction	None	
284B	3	7'-0"	3'-0"	1 3/4"	WD	PT	3	HM	PT	3	NR	New Construction	None	
284C	1	7'-0"	3'-0"	1 3/4"	WD	PT	3	HM	PT	3	NR	New Construction	None	
2CRR11	1	7'-0"	3'-0"	1 3/4"	WD	PT	1	WD	PT	1	NR	Existing	None	
2CUST3	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	1	NR	Existing	None	Exist. Door/Frame Relocated - New Hdw. & Paint
2CUST4	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	1	NR	Existing	None	Exist. Door/Frame Relocated - New Hdw. & Paint
2STRW1	14	7'-0"	3'-0"	1 3/4"	WD	PT	11	HM	PT	2	20 MINUTE	Existing	None	Exist. Door/Frame - New Hdw. & Paint
2STRW2	5	7'-0"	3'-0"	1 3/4"	WD	PT	5	HM	PT	2	20 MINUTE	Existing	None	
2STRW3	5	7'-0"	3'-0"	1 3/4"	WD	PT	5	HM	PT	2	20 MINUTE	Existing	None	
2TD1L2	11	7'-0"	3'-0"	1 3/4"	WD	PNT	11	WD	PNT	4	NR	Existing	None	Exist. Door/Frame Relocated - New Hdw. & Paint