

Clark & Enersen Project No.: 265-005-24

ADDENDUM NO. 01

The Architect/ Engineer issues this addendum, applicable to the above-named project, to all known Contractors before receipt of proposal.

This addendum includes Item Number 1-1 thru 1-27. This addendum item shall be fully incorporated into the Bidding/Contract Documents and have the same force and effect as though originally included.

BIDDER QUESTIONS

Item 1-1: **Question:** When is the Notice to Proceed expected to be issued?

Response: September 23rd.

Item 1-2: **Question:** Will GC be required to provide final cleaning for existing furniture to be re-installed?

Response: Yes. Final cleaning of all furniture in renovated areas will be required.

Item 1-3: **Question:** Are we painting wall to deck or just around the windows?

Response: The following areas will require new paint in the Lobby:

1. Walls adjacent to reception desks as required to patch and repair existing finishes.
2. North wall of Lobby around and above existing Vestibule door. Refer to elevation View 20 which has been added to Sheet A1.12 as part of this addendum.
3. Soffits above reception desks to receive color as indicated on RCP and Interior Rendering.
4. Back wall of display case as indicated in View 21 on Sheet A1.12.
5. Stair risers as indicated in View 3 on Sheet F1.10.

Item 1-4: **Question:** Are the tall walls above the vestibule 100 part of the painting scope

Response: No.

Item 1-5: **Question:** Are the walls on the second floor/mezz that overlook the Lobby 101 part of the painting scope?

Response: No.

Item 1-6: **Question:** Can you verify the interlayer colors required for the 'Glass Signage Types' referenced on sheet A6.40?

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Response: All requirements for signage glazing shall be coordinated with signage manufacturer. Refer to Section 10 14 00 for Basis-of-Design manufacturer. Interlayer colors as follows:

- GS-1: Cyan. RGB: 0 / 174 / 239
- GS-2: Yellow. RGB: 255 / 196 / 37
- GS-3: Light Green. RGB: 178 / 210 / 53

Item 1-7: **Question:** Will you allow digital printed laminated glass for the (3) glass signage panels? Reason, colored laminated interlayers require minimum purchases per color.

Response: All requirements for signage glazing shall be coordinated with signage manufacturer. Refer to Section 10 14 00 for Basis-of-Design manufacturer. Digital printed interlayer may be acceptable based on sample submittal.

Item 1-8: **Question:** The finish plan has 104 Mayor hatched to receive CPT1. Room Finish Schedule has this area not to receive carpet. Is 104 Mayor to receive CPT1?

Response: Existing carpet to remain in 104 Mayor. Patch and repair as required.

Item 1-9: **Question:** Per the demo plans. There will be extensive patching due to removed casework in Break 114, Administration 110,, and the area outside of admin, due to casework and wall removal. However, no finishes are called out for these rooms. Please advise of existing materials, so we know what to patch.

Response: All areas requisite to demolition shall be repaired, replaced or repainted to match existing accordingly. Existing carpet and paint products are listed in Finish Materials Legend on Sheet F1.10.

Item 1-10: **Question:** Just Phase II is being bid at this moment, correct?

Response: That is correct.

Item 1-11: **Question:** In the specs for the bid sheet under the Bid Schedule Proposal it refers to an excel file but I cannot find one, is this something we need?

Response: No excel file required.

Item 1-12: **Question:** Is the List of Subcontractors, the City of Merriam Affidavit, and Statement of Bidder's Qualifications due at the time of the bid?

Response: Yes.

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ARCHITECTURAL

Specifications

- Item 1-13 Section 05 40 00 — Cold-Formed Metal Framing**
- Added Cold-Formed Metal Framing specification to project.
- Item 1-14 Section 08 33 13 — 2.2 Coiling Counter Doors**
- Removed basis-of-design product and added language to provide custom configuration engineered by manufacturer.
- Item 1-15 Section 08 71 00 — Door Hardware**
- Added Door Hardware specification and schedule to project.
- Item 1-16 Section 12 36 61 — Simulated Stone Countertops**
- Revised references to "SS-1" and "SS-2" to match Finish Legend.

Drawings

- Item 1-17 Sheet G0.00 – Title Sheet & Drawings Index**
- Updated interior rendering to show revised layout at reception counter.
- Item 1-18 Sheet A0.00 – Wall Type Schedule & Details**
- Revised Detail 4 to show base of wall detail only. Top of wall is now referenced on 5/A0.00.
- Item 1-19 Sheet A0.10 – First Floor Overall Demolition Plan & Reflected Ceiling Plan**
- Removed demo keynote #3 to remove and re-install overhead countertop coiling door. Both existing overhead coiling doors to be removed only.
- Item 1-20 Sheet A0.11 Phasing Plans**
- Updated View 1 to include exit travel distances.
 - Added note to View 1 and View 7 requiring GC to keep exit path from Staff Hallway to Lobby free of debris during business hours.
- Item 1-21 Sheet A1.11 – First Floor Plan & Reflected Ceiling Plan**
- Added elevation view at North Lobby wall to show painting scope around vestibule doors.
 - Updated plan layout of reception counters to meet ADA requirements.
- Item 1-22 Sheet A1.12 – Interior Elevations and Details**
- Updated Views 18 & 19 to show revised framing beneath reception counter. Removed Hafele brackets and replaced them with cold-formed stud-framing.
 - Revised stud framing notes on Views 18 & 19 to describe locations requiring cold-formed steel studs. Also revised text and linework describing structural

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connections at top and bottom of wall.

- Added concealed island bar and bracket in View 19 to structurally support deeper ADA countertop. Added blocking as required.
- Updated View 19 to show revised ADA countertop configuration. ADA portion of counter to be at 36" AFF on both sides of glazing. Quartz to have waterfall edge condition at elevation change.
- Added View 20 to Sheet to show painting scope around Vestibule doors.
- Updated View 11 to note wall alignment beneath reception counter.
- Updated View 1 to show revised glazing layout at reception counters. A portion of each counter to have B.O. transaction glazing at a lower elevation in order to meet ADA requirements.

Item 1-23 Sheet A6.40 – Door Schedule, Door Types, Frame Types

- Updated overhead coiling door type OH-1 due to revised reception counter layout.
- Updated glazing types AWF-2, AWF-3, and AWF-4 due to revised reception counter layout. Portion of each window to have B.O. transaction glazing at a lower elevation to meet ADA requirements.
- Populated door schedule with hardware information.
- Revised text note in Detail 3 on Sheet A6.40 to show correct thickness of plywood.

Item 1-24 Sheet F1.10 –First Floor Finishes Plan, Finishes Schedule, Finishes Legend and Details

- Removed carpet hatch from 104 Mayor's Office from Finish Plan

ELECTRICAL

Specifications

Item 1-25 Section 27 00 00 – 2.4 Telecommunications

- Updated faceplate manufacturer to Leviton and to match building standards.

Drawings

Item 1-26 Sheet E1.01 – First Floor Electrical Plans

- Revised keynote 4 on First Floor Lighting Plan.
- Revised keynote 4 on First Floor Power & Auxiliary Systems Plan.
- Revised general data and cabling boxed general note.

Item 1-27 Sheet E2.01 - Electrical Schedules

- Updated lighting fixture schedule with additional equivalents.

END OF ADDENDUM NO. 01

ADDENDUM #1

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SECTION 08 33 13 - COILING COUNTER DOORS

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. Counter doors.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type and size of coiling counter door and accessory.
 - 1. Include construction details, material descriptions, dimensions of individual components, profiles for slats, and finishes.
 - 2. Include rated capacities, operating characteristics, electrical characteristics, and furnished accessories.
 - 3. Include description of automatic closing device and testing and resetting instructions.
- B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data.
 - 1. Include plans, elevations, sections, and mounting details.
 - 2. Include details of equipment assemblies, and indicate dimensions, required clearances, method of field assembly, components, and location and size of each field connection.
 - 3. Include points of attachment and their corresponding static and dynamic loads imposed on structure.
 - 4. Show locations of controls, locking devices, detectors or replaceable fusible links, and other accessories.
 - 5. Include diagrams for power, signal, and control wiring.
- C. Samples for Initial Selection: Manufacturer's finish charts showing full range of colors and textures available for units with factory-applied finishes.
 - 1. Include similar Samples of accessories involving color selection.

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1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For coiling counter doors to include in maintenance manuals.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer for both installation and maintenance of units required for this Project.
 - 1. Maintenance Proximity: Not more than two hours' normal travel time from Installer's place of business to Project site.

PART 2 - PRODUCTS

2.1 MANUFACTURERS, GENERAL

- A. Source Limitations: Obtain coiling counter doors from single source from single manufacturer.
 - 1. Obtain operators and controls from coiling counter door manufacturer.

2.2 COUNTER DOOR ASSEMBLY

ADDENDUM #1

- A. Counter Door: Coiling counter door formed with curtain of interlocking metal slats.
 - 1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. [ACME Rolling Doors.](#)
 - b. [Alpine Overhead Doors, Inc.](#)
 - c. [Alumatec Pacific Products.](#)
 - d. [Amarr Garage Doors.](#)
 - e. [C.H.I. Overhead Doors.](#)
 - f. [City-Gates.](#)
 - g. [Clopay Building Products.](#)
 - h. [Cookson Company.](#)
 - i. [Cornell Iron Works, Inc.](#)
 - j. [Lawrence Roll-Up Doors, Inc.](#)
 - k. [McKeon Rolling Steel Door Company, Inc.](#)

COILING COUNTER DOORS

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ADDENDUM #1

- I. [Metro Door.](#)
 - m. [Overhead Door Corporation.](#)
 - n. [QMI Security Solutions.](#)
 - o. [Raynor.](#)
 - p. [Wayne-Dalton Corp.](#)
 - q. Or approved equal.

2. Provide custom configuration engineered by manufacturer to match drawings.
- B. Operation Cycles: Door components and operators capable of operating for not less than 20,000. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.
 - C. Door Curtain Material: Aluminum.
 - D. Door Curtain Slats: Flat profile slats of 1-1/2-inch center-to-center height.
 - E. Bottom Bar: Manufacturer's standard continuous channel or tubular shape, fabricated aluminum extrusion and finished to match door.
 - F. Locking Devices: Equip door with locking device assembly.
 - G. Manual Door Operator: Push-up operation.
 - H. Door Finish:
 - 1. Baked-Enamel or Powder-Coated Finish: Color as selected by Architect from manufacturer's full range.
- 2.3 MATERIALS, GENERAL
- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
- 2.4 DOOR CURTAIN MATERIALS AND CONSTRUCTION
- A. Door Curtains: Fabricate coiling counter-door curtain of interlocking metal slats in a continuous length for width of door without splices. Unless otherwise indicated, provide slats of thickness and mechanical properties recommended by door manufacturer for performance, size, and type of door indicated, and as follows:
 - 1. Aluminum Door Curtain Slats: ASTM B 209 (ASTM B 209M) sheet or ASTM B 221 (ASTM B 221M) extrusions, alloy and temper standard with manufacturer for type of use and finish indicated; thickness of 0.050 inch (1.27 mm); and as required.
 - B. Curtain Jamb Guides: Manufacturer's standard angles or channels and angles of same material and finish as curtain slats unless otherwise indicated, with sufficient depth and strength to retain curtain, to allow curtain to operate smoothly, and to withstand loading. Slot bolt holes for guide adjustment. Provide removable stops on guides to prevent overtravel of curtain.

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1. Removable Posts and Jamb Guides: Manufacturer's standard.

2.5 LOCKING DEVICES

- A. Slide Bolt: Fabricate with side-locking bolts to engage through slots in tracks for locking by padlock, located on both left and right jamb sides, operable from coil side.
- B. Locking Device Assembly: Fabricate with cylinder lock, spring-loaded dead bolt, operating handle, cam plate, and adjustable locking bars to engage through slots in tracks.
 1. Lock Cylinders: Cylinders standard with manufacturer and keyed to building keying system.
 2. Keys: Two for each cylinder.

2.6 CURTAIN ACCESSORIES

- A. Astragal: Equip each door bottom bar with a replaceable, adjustable, continuous, compressible gasket of flexible vinyl, rubber, or neoprene as a cushion bumper.
- B. Push/Pull Handles: Equip each push-up-operated or emergency-operated door with lifting handles on each side of door, finished to match door.
- C. Pull-Down Strap: Provide pull-down straps for doors more than 84 inches (2130 mm) high.
- D. Pole Hooks: Provide pole hooks and poles for doors more than 84 inches (2130 mm) high.

2.7 COUNTER DOOR ACCESSORIES

- A. Integral Metal Sill: Fabricate sills as integral part of frame assembly of Type 304 stainless steel in manufacturer's standard thickness with No. 4 finish.

2.8 COUNTERBALANCING MECHANISM

- A. General: Counterbalance doors by means of manufacturer's standard mechanism with an adjustable-tension, steel helical torsion spring mounted around a steel shaft and contained in a spring barrel connected to top of curtain with barrel rings. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.
- B. Counterbalance Barrel: Fabricate spring barrel of manufacturer's standard hot-formed, structural-quality, seamless carbon-steel pipe, of sufficient diameter and wall thickness to support rolled-up curtain without distortion of slats and to limit barrel deflection to not more than 0.03 in./ft. (2.5 mm/m) of span under full load.

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- C. Counterbalance Spring: One or more oil-tempered, heat-treated steel helical torsion springs. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Secure ends of springs to barrel and shaft with cast-steel barrel plugs.
 - 1. Fire-Rated Doors: Equip with auxiliary counterbalance spring and prevent tension release from main counterbalance spring when automatic closing device operates.
- D. Torsion Rod for Counterbalance Shaft: Fabricate of manufacturer's standard cold-rolled steel, sized to hold fixed spring ends and carry torsional load.
- E. Brackets: Manufacturer's standard mounting brackets of either cast iron or cold-rolled steel plate.

2.9 MANUAL DOOR OPERATORS

- A. General: Equip door with manual door operator by door manufacturer.
- B. Push-up Door Operation: Design counterbalance mechanism so that required lift or pull for door operation does not exceed 25 lbf.

2.10 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM/NOMMA's "Metal Finishes Manual for Architectural and Metal Products (AMP 500-06)" for recommendations for applying and designating finishes.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining 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 substrates areas and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.
- B. Examine locations of electrical connections.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

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3.2 INSTALLATION

- A. Install coiling counter doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports; according to manufacturer's written instructions and as specified.
- B. Install coiling counter doors, hoods, controls, and operators at the mounting locations indicated for each door.
- C. Fire-Rated Doors: Install according to NFPA 80.
- D. Smoke-Control Doors: Install according to NFPA 80 and NFPA 105.

3.3 STARTUP SERVICE

- A. Engage a factory-authorized service representative to perform startup service.
 - 1. Perform installation and startup checks according to manufacturer's written instructions.
 - 2. Test and adjust controls and safety devices. Replace damaged and malfunctioning controls and equipment.
 - 3. Test door closing when activated by detector or alarm-connected fire-release system. Reset door-closing mechanism after successful test.

3.4 ADJUSTING

- A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.
- B. Lubricate bearings and sliding parts as recommended by manufacturer.
- C. Adjust seals to provide tight fit around entire perimeter.

3.5 MAINTENANCE SERVICE

- A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service shall include 12 months' full maintenance by skilled employees of coiling-door Installer. Include monthly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for door operation. Parts and supplies shall be manufacturer's authorized replacement parts and supplies.
 - 1. Perform maintenance, including emergency callback service, during normal working hours.
 - 2. Include 24-hour-per-day, seven-day-per-week, emergency callback service.

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3.6 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain coiling counter doors.

END OF SECTION 08 33 13

ADDENDUM #1

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SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. This Section includes items known commercially as finish or door hardware that are required for swing, sliding, and folding doors, except special types of unique hardware specified in the same sections as the doors and door frames on which they are installed.
- B. This Section includes the following:
 - 1. Hinges.
 - 2. Key control system.
 - 3. Lock cylinders and keys.
 - 4. Lock and latch sets.
 - 5. Bolts.
 - 6. Exit devices.
 - 7. Push/pull units.
 - 8. Closers.
 - 9. Overhead holders.
 - 10. Miscellaneous door control devices.
 - 11. Door trim units.
 - 12. Protection plates.
 - 13. Weatherstripping for exterior doors.
 - 14. Sound stripping for interior doors.
 - 15. Automatic drop seals (door bottoms).
 - 16. Astragals or meeting seals on pairs of doors.
 - 17. Thresholds.
- C. Related Sections: The following Sections contain requirements that relate to this Section:
 - 1. Section 08 11 13 "Hollow Metal Doors and Frames" for silencers integral with hollow metal frames.
 - 2. Section 08 14 16 "Flush Wood Doors" for factory prefitting and factory premachining of doors for door hardware.
 - 3. Section 10 22 15 "Fixed Glass Panel Partitions" for unframed glass partitions with swinging and sliding doors

1.3 SUBMITTALS

General: Submit the following in accordance with Conditions of Contract and Division 1 Specification sections.

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- D. Product data including manufacturers' technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
- E. Final hardware schedule coordinated with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - 1. Final Hardware Schedule Content: Based on hardware indicated, organize schedule into "hardware sets" indicating complete designations of every item required for each door or opening. Include the following information:
 - a. Type, style, function, size, and finish of each hardware item.
 - b. Name and manufacturer of each item.
 - c. Fastenings and other pertinent information.
 - d. Location of each hardware set cross referenced to indications on Drawings both on floor plans and in door and frame schedule.
 - e. Explanation of all abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for hardware.
 - g. Door and frame sizes and materials.
 - 2. Submittal Sequence: Submit final schedule at earliest possible date particularly where acceptance of hardware schedule must precede fabrication of other work that is critical in the Project construction schedule. Include with schedule the product data, samples, shop drawings of other work affected by door hardware, and other information essential to the coordinated review of schedule.
- F. Templates for doors, frames, and other work specified to be factory prepared for the installation of door hardware. Check shop drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.

1.4 QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain each type of hardware (latch and lock sets, hinges, closers, etc.) from a single manufacturer.
- B. Supplier Qualifications: A recognized architectural door hardware supplier, with warehousing facilities in the Project's vicinity, that has a record of successful in-service performance for supplying door hardware similar in quantity, type, and quality to that indicated for this Project and that employs an experienced architectural hardware consultant (AHC) who is available to Owner, Architect, and Contractor, at reasonable times during the course of the Work, for consultation.
 - 1. Require supplier to meet with Owner to finalize keying requirements and to obtain final instructions in writing.
- C. Fire-Rated Openings: Provide door hardware for fire-rated openings that complies with NFPA Standard No. 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and are identical to products tested by UL, Warnock Hersey, FM, or other testing and inspecting organization acceptable to authorities having jurisdiction for use on types and sizes of doors indicated in compliance with requirements of fire-rated door and door frame labels.

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1. All fire-rated openings to have UL listed latching hardware, surface closers, and smoke seals.

1.5 PRODUCT HANDLING

- A. Tag each item or package separately with identification related to final hardware schedule, and include basic installation instructions with each item or package.
- B. Packaging of door hardware is responsibility of supplier. As material is received by hardware supplier from various manufacturers, sort and repackage in containers clearly marked with appropriate hardware set number to match set numbers of approved hardware schedule. Two or more identical sets may be packed in same container.
- C. Inventory door hardware jointly with representatives of hardware supplier and hardware installer until each is satisfied that count is correct.
- D. Deliver individually packaged door hardware items promptly to place of installation (shop or Project site).
- E. Provide secure lock-up for door hardware delivered to the Project, but not yet installed. Control handling and installation of hardware items that are not immediately replaceable so that completion of the Work will not be delayed by hardware losses both before and after installation.

1.6 MAINTENANCE

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

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following manufacturers. Where no other manufacturer is allowed, it is so noted next to the product. Subject to compliance with requirements, products of other manufacturers may be submitted for review and approval as noted in Division 1 Section "Substitutions". Model numbers of products indicated in "Hardware Schedule" refer to following manufacturers listed as "Basis of Specification":
 1. Butts and Hinges:
 - a. Ives Hinge Co.
 - b. Bommer.
 - c. Stanley Hardware, Div. Stanley Works.
 2. Locksets
 - a. Schlage – ND Series (No Substitute)

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- b. Schlage – AD Series (No Substitute)
- 3. Overhead Closers:
 - a. LCN – 4050 Series
 - b. Falcon – SC71 Series
 - c. Norton – 7700 Series
- 4. Overhead Stops:
 - a. Glynn Johnson – 90s Series
 - b. Rixson – 9 series
- 5. Door Trim Units:
 - a. Ives
 - b. Rockwood
 - c. Trimco
- 6. Kick, Mop, and Armor Plates:
 - a. Ives
 - b. Trimco

2.2 SCHEDULED HARDWARE

- B. Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of finish hardware are indicated in the "Hardware Schedule" at the end of this Section. Products are identified by using hardware designation numbers of the following:
 - 1. Manufacturer's Product Designations: The product designation is listed for each hardware type required for the purpose of establishing minimum requirements. Provide either the product designated or, where more than one manufacturer is specified under the Article "Manufacturers" in Part 2 for each hardware type, the comparable product of one of the other manufacturers that complies with requirements.
 - 2. ANSI/BHMA designations used elsewhere in this Section or in schedules to describe hardware items or to define quality or function are derived from the following standards. Provide products complying with these standards and requirements specified elsewhere in this Section.
 - a. Butts and Hinges: ANSI/BHMA A156.1.
 - b. Bored and Preamsembled Locks and Latches: ANSI/BHMA A156.2.
 - c. Exit Devices: ANSI/BHMA A156.3.
 - d. Door Controls - Closers: ANSI/BHMA A156.4.
 - e. Auxiliary Locks and Associated Products: ANSI/BHMA A156.5.
 - f. Architectural Door Trim: ANSI/BHMA A156.6.
 - g. Template Hinge Dimensions: ANSI/BHMA A156.7.

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- h. Door Controls - Overhead Holders: ANSI/BHMA A156.8.
- i. Interconnected Locks and Latches: ANSI/BHMA A156.12.
- j. Mortise Locks and Latches: ANSI/BHMA A156.13.
- k. Sliding and Folding Door Hardware: ANSI/BHMA A156.14.
- l. Closer Holder Release Devices: ANSI/BHMA A156.15.
- m. Auxiliary Hardware: ANSI/BHMA A156.16.
- n. Self-Closing Hinges and Pivots: ANSI/BHMA A156.17.
- o. Materials and Finishes: ANSI/BHMA A156.18.

2.2 MATERIALS AND FABRICATION

- A. Base Metals: Produce hardware units of basic metal and forming method indicated using manufacturer's standard metal alloy, composition, temper, and hardness, but in no case of lesser (commercially recognized) quality than specified for applicable hardware units for finish designations indicated.
- B. Fasteners: Provide hardware manufactured to conform to published templates, generally prepared for machine screw installation. Do not provide hardware that has been prepared for self-tapping sheet metal screws, except as specifically indicated.
- C. Furnish screws for installation with each hardware item. Provide Phillips flat-head screws except as otherwise indicated. Finish exposed (exposed under any condition) screws to match hardware finish or, if exposed in surfaces of other work, to match finish of this other work as closely as possible including "prepared for paint" surfaces to receive painted finish.
- D. Provide concealed fasteners for hardware units that are exposed when door is closed except to the extent no standard units of type specified are available with concealed fasteners. Do not use thru-bolts for installation where bolt head or nut on opposite face is exposed in other work unless their use is the only means of reinforcing the work adequately to fasten the hardware securely. Where thru-bolts are used as a means of reinforcing the work, provide sleeves for each thru-bolt or use sex screw fasteners.

2.3 HINGES, BUTTS, AND PIVOTS

- A. Templates: Except for hinges and pivots to be installed entirely (both leaves) into wood doors and frames, provide only template-produced units.
- B. Screws: Provide Phillips flat-head screws complying with the following requirements:
 - 1. For metal doors and frames install machine screws into drilled and tapped holes.
 - 2. For wood doors and frames install wood screws.
 - 3. Finish screw heads to match surface of hinges or pivots.
- C. Number of Hinges: Provide 3 hinges per door leaf for doors 90 inches or less in height and one additional hinge for each 30 inches of additional height.
 - 1. Fire-Rated Doors: Not less than 3 hinges per door leaf for doors 86 inches or less in height with same rule for additional hinges.

2.4 LOCK CYLINDERS AND KEYING

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- A. All locksets to be grade 1 heavy duty cylindrical.
- B. Keying Conference: Conduct a keying conference to comply with requirements in Division 01.

2.5 LOCKS, LATCHES, AND BOLTS

- A. Strikes: Provide manufacturer's standard wrought box strike for each latch or lock bolt, with curved lip extended to protect frame, finished to match hardware set, unless otherwise indicated.
 - 1. Provide flat lip strikes for locks with 3-piece, antifriction latchbolts as recommended by manufacturer.
 - 2. Provide extra-long strike lips for locks used on frames with applied wood casing trim.
 - 3. Provide recess type top strikes for bolts locking into head frames, unless otherwise indicated.
 - 4. Provide dust-proof strikes for foot bolts, except where special threshold construction provides non-recessed strike for bolt.
- B. Lock Throw: Provide 5/8-inch minimum throw of latch on pairs of doors. Comply with UL requirements for throw of bolts and latch bolts on rated fire openings.
 - 1. Provide 3/4-inch minimum throw of latch for mortise locks. Provide 1-inch minimum throw for all dead bolts.
- C. Flush Bolt Heads: Minimum of 1/2-inch-diameter rods of brass, bronze, or stainless steel with minimum 12-inch-long rod for doors up to 7'-0" in height. Provide longer rods as necessary for doors exceeding 7'-0" in height.

2.6 PUSH/PULL UNITS

- A. Concealed fasteners preferred.
- B. Exposed Fasteners: Provide manufacturer's standard exposed fasteners for installation, thru-bolted for matched pairs but not for single units.

2.7 CLOSERS AND DOOR CONTROL DEVICES

- A. Size of Units: Except as otherwise specifically indicated, comply with the manufacturer's recommendations for size of door control unit depending on size of door, exposure to weather, and anticipated frequency of use.
- B. Access-Free Manual Closers: Where manual closers are indicated for doors required to be accessible to the physically handicapped, provide adjustable units complying with ANSI A117.1 provisions for door opening force and delayed action closing.
- C. Provide any brackets or plates required for proper installation of the door closer. Wherever possible, locate the closer on the inside of the room.

2.8 DOOR TRIM UNITS

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- A. Fasteners: Provide manufacturer's standard exposed fasteners for door trim units consisting of either machine screws or self-tapping screws.
- B. Fabricate edge trim of stainless steel to fit door thickness in standard lengths or to match height of protection plates.
- C. Fabricate protection plates not more than 1-1/2 inches less than door width on hinge side and not more than 1/2 inch less than door width on pull side by height indicated.
 - 1. Metal Plates: Stainless steel, 0.050 inch (U.S. 18 gage).

2.9 HARDWARE FINISHES

- A. Match items to the manufacturer's standard color and texture finish for the latch and lock sets (or push-pull units if no latch or lock sets).
- B. Provide finishes that match those established by BHMA or, if none established, match the Architect's sample.
- C. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware.
- D. Provide protective lacquer coating on all exposed hardware finishes of brass, bronze, and aluminum, except as otherwise indicated. The suffix "-NL" is used with standard finish designations to indicate "no lacquer."
- E. The designations used in schedules and elsewhere to indicate hardware finishes are those listed in ANSI/BHMA A156.18, "Materials and Finishes," including coordination with the traditional U.S. finishes shown by certain manufacturers for their products.

PART 3 - EXECUTION

3.1 INSTALLATION

- 1. Mount hardware units at heights indicated in "Recommended Locations for Builders Hardware for Custom Steel Doors and Frames" by the Door and Hardware Institute.
 - 2. NWWDA Industry Standard I.S.1.7, "Hardware Locations for Wood Flush Doors."
- B. Install each hardware item in compliance with the manufacturer's instructions and recommendations. Where cutting and fitting is required to install hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation or application of surface protection with finishing work specified in the Division 9 Sections. Do not install surface-mounted items until finishes have been completed on the substrates involved.
- C. Set units level, plumb, and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.

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- D. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.
- E. Weatherstripping and Seals: Comply with manufacturer's instructions and recommendations to the extent installation requirements are not otherwise indicated.

3.2 ADJUSTING, CLEANING, AND DEMONSTRATING

- A. Adjust and check each operating item of hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate freely and smoothly or as intended for the application made.
 - 1. Where door hardware is installed more than one month prior to acceptance or occupancy of a space or area, return to the installation during the week prior to acceptance or occupancy and make final check and adjustment of all hardware items in such space or area. Clean operating items as necessary to restore proper function and finish of hardware and doors. Adjust door control devices to compensate for final operation of heating and ventilating equipment.
- B. Clean adjacent surfaces soiled by hardware installation.
- C. Instruct Owner's personnel in the proper adjustment and maintenance of door hardware and hardware finishes.
- D. Six-Month Adjustment: Approximately six months after the date of Substantial Completion, the Installer, accompanied by representatives of the manufacturers of latchsets and locksets and of door control devices, and of other major hardware suppliers, shall return to the Project to perform the following work:
 - 1. Examine and re-adjust each item of door hardware as necessary to restore function of doors and hardware to comply with specified requirements.
 - 2. Consult with and instruct Owner's personnel in recommended additions to the maintenance procedures.
 - 3. Replace hardware items that have deteriorated or failed due to faulty design, materials, or installation of hardware units.
 - 4. Prepare a written report of current and predictable problems (of substantial nature) in the performance of the hardware.

3.3 HARDWARE SCHEDULE





- A. General: Provide hardware for each door to comply with requirements of Section "Door Hardware," hardware set numbers indicated in door schedule, and in the following schedule of hardware sets.

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Hardware Group No. 1

For use on Door #(s):
X01





Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5		652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050P 06A		626	SCH
1	EA	OH STOP	90S J		630	GLY
3	EA	SILENCER	SR64/SR65 AS REQ'D		GRY	IVE

Hardware Group No. 2

For use on Door #(s):
103









Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5		652	IVE
1	EA	PASSAGE SET	ND10S RHO		626	SCH
1	EA	WALL STOP	WS406/407CCV		626	IVE
3	EA	SILENCER	SR64		GRY	IVE

Hardware Group No. 3

For use on Door #(s):
102 110

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER		FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5		652	IVE
1	EA	POWER TRANSFER	EPT10		⚡ 689	VON
1	EA	ELEC CLASSROOM LOCK	AD-300-CY-70-MTK-RHO-P POWER SUPPLY 12VDC OR 24 VDC		⚡ 626	SCE
1	EA	SURFACE CLOSER	4050 RW/PA		689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS		630	IVE
1	EA	WALL STOP	WS406/407CCV		626	IVE
3	EA	SILENCER	SR64		GRY	IVE
1	EA	POWER SUPPLY	PS902 900-2RS		⚡ LGR	SCE

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. ENTRY BY CARD READER
MOMENTARILY UNLOCKING OUTSIDE LEVER. INSIDE LEVER ALWAYS FREE EGRESS.

NOTE: PROVIDE FLOOR STOP @ 110 IN LIEU OF WALL STOP.

Clark & Enersen Project No.: 265-005-24

SECTION 12 36 61 - SIMULATED STONE COUNTERTOPS

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. Countertops.
- B. Related Requirements:
 - 1. Section 06 41 16 "Plastic-Laminate-Faced Architectural Cabinets".

1.3 ACTION SUBMITTALS

- A. Product Data: For countertop materials.
- B. Shop Drawings: For countertop. Show materials, finishes, edge.
- C. Samples for Initial Selection: For each type of material exposed to view.
- D. Samples for Verification: For the following products:
 - 1. countertop material, 6 inches (150 mm) square.

1.4 PROJECT CONDITIONS

- A. Field Measurements: Verify dimensions of countertops by field measurements after base cabinets are installed but before countertop fabrication is complete.

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1.5 COORDINATION

- A. Coordinate locations of utilities that will penetrate countertop/stool.

PART 2 - PRODUCTS

2.1 SOLID-SURFACE-MATERIAL COUNTERTOPS/STOOLS

- A. Quality Standard: Fabricate countertop according to solid surface material manufacturer's written instructions and to the AWI/AWMAC/WI's "Architectural Woodwork Standards":
 - 1. Grade: Premium
- B. Countertop/stool: 1/2-inch- (12.7-mm-) thick, solid surface material with front edge built up with same material. See drawings.
- C. Fabrication: Fabricate tops in one piece with shop-applied edges and backsplashes unless otherwise indicated. Comply with solid-surface-material manufacturer's written instructions for adhesives, sealers, fabrication, and finishing.

2.2 COUNTERTOP MATERIALS

- A. Solid Surface Material: Homogeneous solid sheets of filled plastic resin complying with ANSI SS1.
 - 1. Type: Provide Standard Type unless Special Purpose Type is indicated.
 - 2. Colors and Patterns:

ADDENDUM #1

- a. **SS-2:** DuPont Corian, Product/Color – **Whisper**

- B. Countertop Support Materials: Provide support materials compliant with manufacturer's written instructions for project applications and conditions as shown on drawings.

- 1. **Plywood:**

- a. Exterior softwood plywood complying with DOC PS 1, Grade C-C Plugged, touch sanded, Moisture-Resistant and Formaldehyde-Free.
- b. Exterior Marine-Grade hardwood plywood bound together with waterproof glue, complying with DOC PS 1, Grade A-B Plugged (no voids are permitted), touch sanded, and Formaldehyde-Free.

- 2. **MDF:** ¾ - 1-inch Moisture-Resistant and Formaldehyde-Free.
- 3. **Tubular Steel:** ¾ - 1-inch with a 1/8" minimum wall thickness.
- 4. **Adhesives:** Adhesives shall not contain urea formaldehyde.

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5. Adhesives: Adhesives shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers".

2.3 QUARTZ SOLID SURFACING

- A. Quartz Agglomerate: Solid sheets consisting of quartz aggregates bound together with a matrix of filled plastic resin and complying with the "Physical Characteristics of Materials" Article of ANSI SS1.

1. Manufacturer: MSI. Representative; Kristan Kettering, (913) 433-8309
2. Colors and Patterns:

ADDENDUM #1

- a. **SS-1:** MSI, Bayside Sand #QBS01
- b. **Installation:** As per manufacturers written instructions.
- c. **See drawings for edge conditions**
- d. **Finish:** Polished

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install level to a tolerance of 1/8 inch in 8 feet (3 mm in 2.4 m).

END OF SECTION 12 36 61

ADDENDUM #1

SECTION 05 40 00 - COLD-FORMED METAL FRAMING

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. Interior framing for half height partition walls
- B. Related Requirements:
 - 1. Section 09 21 16.23 "Gypsum Board Shaft Wall Assemblies" for interior non-load-bearing, metal-stud-framed, shaft-wall assemblies.
 - 2. Section 09 22 16 "Non-Structural Metal Framing" for interior non-load-bearing, metal-stud framing and ceiling-suspension assemblies.

1.3 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of cold-formed steel framing product and accessory.
- B. Shop Drawings:
 - 1. Include layout, spacings, sizes, thicknesses, and types of cold-formed steel framing; fabrication; and fastening and anchorage details, including mechanical fasteners.
 - 2. Indicate reinforcing channels, opening framing, supplemental framing, strapping, bracing, bridging, splices, accessories, connection details, and attachment to adjoining work.

1.5 INFORMATIONAL SUBMITTALS

- A. Welding certificates.
- B. Product Test Reports: For each listed product, for tests performed by a qualified testing agency.
 - 1. Steel sheet.
 - 2. Mechanical fasteners.

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3. Miscellaneous structural clips and accessories.

- C. Research Reports: For non-standard cold-formed steel framing, from ICC-ES.

1.6 QUALITY ASSURANCE

- A. Product Tests: Mill certificates or data from a qualified independent testing agency indicating steel sheet complies with requirements, including base-metal thickness, yield strength, tensile strength, total elongation, chemical requirements, and metallic-coating thickness.
- B. Welding Qualifications: Qualify procedures and personnel according to the following:
 1. AWS D1.1/D1.1M, "Structural Welding Code - Steel."
 2. AWS D1.3/D1.3M, "Structural Welding Code - Sheet Steel."

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Protect cold-formed steel framing from corrosion, moisture staining, deformation, and other damage during delivery, storage, and handling.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 1. ClarkDietrich Building Systems.
 2. MarinoWARE.
 3. Nuconsteel; a Nucor Company.
 4. Steel Network, Inc. (The).
 5. Telling Industries.
 6. CEMCO.
 7. Or equal if and as specifically approved by Architect by Addendum during the bidding period.

2.2 PERFORMANCE REQUIREMENTS

- A. Cold-Formed Steel Framing Design Standards:
 1. Floor and Roof Systems: AISI S210.
 2. Wall Studs: AISI S211.
 3. Headers: AISI S212.
 4. Lateral Design: AISI S213.

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- B. AISI Specifications and Standards: Unless more stringent requirements are indicated, comply with AISI S100 and AISI S200.

2.3 COLD-FORMED STEEL FRAMING, GENERAL

- A. Recycled Content of Steel Products: Postconsumer recycled content plus one-half of preconsumer recycled content not less than 25 percent.
- B. Steel Sheet: ASTM A 1003/A 1003M, Structural Grade, Type H, metallic coated, of grade and coating weight as follows:
 - 1. Grade:
 - a. 0.0428 inch and lighter members: ST33H.
 - b. 0.0538 inch and heavier members: ST50H.
 - 2. Coating: G60, A60, AZ50, or GF30.
- C. Steel Sheet for Vertical Deflection Clips: ASTM A 653/A 653M, structural steel, zinc coated, of grade and coating as follows:
 - 1. Grade: 50.
 - 2. Coating: G60.

2.4 INTERIOR PARTITION WALL FRAMING

- A. Steel Studs: Manufacturer's standard C-shaped steel studs, of web depths indicated, punched, with stiffened flanges, and as follows:
 - 1. Minimum Base-Metal Thickness: 0.0538 inch.
 - 2. Flange Width: 1-5/8 inches.
- B. Steel Track: Manufacturer's standard U-shaped steel track, of web depths indicated, unpunched, with unstiffened flanges, and as follows:
 - 1. Minimum Base-Metal Thickness: 0.0538 inch.
 - 2. Flange Width: 1-1/4".
- C. Steel Box or Back-to-Back Headers: Manufacturer's standard C-shapes used to form header beams, of web depths indicated, unpunched, with stiffened flanges, and as follows:
 - 1. Minimum Base-Metal Thickness: 0.0538 inch.
 - 2. Flange Width: 1-5/8 inches.
 - 3. Section Properties: As Indicated.
- D. Steel Single- or Double-L Headers: Manufacturer's standard L-shapes used to form header beams, of web depths indicated, and as follows:

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- E. Vertical Deflection Clips: Manufacturer's standard bypass and head clips, capable of accommodating upward and downward vertical displacement of primary structure through positive mechanical attachment to stud web.
 - 1. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - a. ClarkDietrich Building Systems.
 - b. Simpson Strong-Tie.
 - c. Steel Network, Inc. (The).
 - d. Or equal if and as specifically approved by Architect by Addendum during the bidding period.

2.5 FRAMING ACCESSORIES

- A. Fabricate steel-framing accessories from steel sheet, ASTM A 1003/A 1003M, Structural Grade, Type H, metallic coated, of same grade and coating weight used for framing members.
- B. Provide accessories of manufacturer's standard thickness, not less than thickness of framing members, and configuration, unless otherwise indicated, as follows:
 - 1. Supplementary framing.
 - 2. Bracing, bridging, and solid blocking.
 - 3. Web stiffeners.
 - 4. Anchor clips.
 - 5. End clips.
 - 6. Foundation clips.
 - 7. Gusset plates.
 - 8. Stud kickers and knee braces..
 - 9. Hole reinforcing plates.
 - 10. Backer plates.

2.6 ANCHORS, CLIPS, AND FASTENERS

- A. Steel Shapes and Clips: ASTM A 36/A 36M, zinc coated by hot-dip process according to ASTM A 123/A 123M.
- B. Anchor Bolts: ASTM F 1554, Grade 36, threaded carbon-steel hex-headed bolts and carbon-steel nuts; and flat, hardened-steel washers; zinc coated by hot-dip process according to ASTM A 153/A 153M, Class C.
- C. Power-Actuated Anchors: Fastener system of type suitable for application indicated, fabricated from corrosion-resistant materials, with allowable load capacities calculated according to ICC-ES AC70, greater than or equal to the design load, as determined by testing per ASTM E 1190 conducted by a qualified testing agency.

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- D. Mechanical Fasteners: ASTM C 1513, corrosion-resistant-coated, self-drilling, self-tapping, steel drill screws.
 - 1. Head Type: Low-profile head beneath sheathing, manufacturer's standard elsewhere.
- E. Welding Electrodes: Comply with AWS standards.

2.7 MISCELLANEOUS MATERIALS

- A. Galvanizing Repair Paint: ASTM A 780.
- B. Cement Grout: Portland cement, ASTM C 150, Type I; and clean, natural sand, ASTM C 404. Mix at ratio of 1 part cement to 2-1/2 parts sand, by volume, with minimum water required for placement and hydration.
- C. Shims: Load bearing, high-density multimonomer plastic, and nonleaching; or of cold-formed steel of same grade and coating as framing members supported by shims.
- D. Sealer Gaskets: Closed-cell neoprene foam, 1/4 inch thick, selected from manufacturer's standard widths to match width of bottom track or rim track members.

2.8 FABRICATION

- A. Fabricate cold-formed steel framing and accessories plumb, square, and true to line, and with connections securely fastened, according to referenced AISI's specifications and standards, manufacturer's written instructions, and requirements in this Section.
 - 1. Fabricate framing assemblies using jigs or templates.
 - 2. Cut framing members by sawing or shearing; do not torch cut.
 - 3. Fasten cold-formed steel framing members by welding or screw fastening, as standard with fabricator. Wire tying of framing members is not permitted.
 - a. Comply with AWS D1.3/D1.3M requirements and procedures for welding, appearance and quality of welds, and methods used in correcting welding work.
 - b. Locate mechanical fasteners and install according to Shop Drawings, with screw penetrating joined members by no fewer than three exposed screw threads.
 - 4. Fasten other materials to cold-formed steel framing by welding, bolting, or screw fastening, according to Shop Drawings.
- B. Reinforce, stiffen, and brace framing assemblies to withstand handling, delivery, and erection stresses. Lift fabricated assemblies to prevent damage or permanent distortion.
- C. Fabrication Tolerances: Fabricate assemblies level, plumb, and true to line to a maximum allowable tolerance variation of 1/8 inch in 10 feet and as follows:

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1. Spacing: Space individual framing members no more than plus or minus 1/8 inch from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.
2. Squareness: Fabricate each cold-formed steel framing assembly to a maximum out-of-square tolerance of 1/8 inch.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine supporting substrates and abutting structural framing for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Install load bearing shims or grout between the underside of load-bearing wall bottom track and the top of foundation wall or slab at locations with a gap larger than 1/4 inch to ensure a uniform bearing surface on supporting concrete or masonry construction.
- B. Install sealer gaskets at the underside of wall bottom track or rim track and at the top of foundation wall or slab at stud or joist locations.

3.3 INSTALLATION, GENERAL

- A. Cold-formed steel framing may be shop or field fabricated for installation, or it may be field assembled.
- B. Install cold-formed steel framing according to AISI S200 and to manufacturer's written instructions unless more stringent requirements are indicated.
- C. Install shop- or field-fabricated, cold-formed framing and securely anchor to supporting structure.
 1. Screw, bolt, or weld wall panels at horizontal and vertical junctures to produce flush, even, true-to-line joints with maximum variation in plane and true position between fabricated panels not exceeding 1/16 inch.
- D. Install cold-formed steel framing and accessories plumb, square, and true to line, and with connections securely fastened.
 1. Cut framing members by sawing or shearing; do not torch cut.
 2. Fasten cold-formed steel framing members by welding or screw fastening. Wire tying of framing members is not permitted.

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- a. Comply with AWS D1.3/D1.3M requirements and procedures for welding, appearance and quality of welds, and methods used in correcting welding work.
 - b. Locate mechanical fasteners and install according to Shop Drawings, and complying with requirements for spacing, edge distances, and screw penetration.
- E. Install framing members in one-piece lengths unless splice connections are indicated for track or tension members.
- F. Install temporary bracing and supports to secure framing and support loads comparable in intensity to those for which structure was designed. Maintain braces and supports in place, undisturbed, until entire integrated supporting structure has been completed and permanent connections to framing are secured.
- G. Fasten hole reinforcing plate over web penetrations that exceed size of manufacturer's approved or standard punched openings.
- H. Erection Tolerances: Install cold-formed steel framing level, plumb, and true to line to a maximum allowable tolerance variation of 1/8 inch in 10 feet and as follows:
 1. Space individual framing members no more than plus or minus 1/8 inch from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.

3.4 EXTERIOR NON-LOAD-BEARING WALL INSTALLATION

- A. Install continuous tracks sized to match studs. Align tracks accurately and securely anchor to supporting structure as indicated.
- B. Fasten both flanges of studs to bottom track unless otherwise indicated. Space studs as follows:
 1. Stud Spacing: 16 inches
- C. Set studs plumb, except as needed for diagonal bracing or required for nonplumb walls or warped surfaces and similar requirements.
- D. Isolate non-load-bearing steel framing from building structure to prevent transfer of vertical loads while providing lateral support.
- E. Install headers over wall openings wider than stud spacing. Locate headers above openings as indicated. Fabricate headers of compound shapes indicated or required to transfer load to supporting studs, complete with clip-angle connectors, web stiffeners, or gusset plates.
 1. Frame wall openings with not less than a double stud at each jamb of frame as indicated on Shop Drawings. Fasten jamb members together to uniformly distribute loads.
 2. Install runner tracks and jack studs above and below wall openings. Anchor tracks to jamb studs with clip angles or by welding, and space jack studs same as full-height wall studs.

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- F. Install horizontal bridging in wall studs, spaced vertically in rows indicated on Shop Drawings but not more than 48 inches Apart. Fasten at each stud intersection.
 - 1. Bridging: Cold-rolled steel channel, welded or mechanically fastened to webs of punched studs.
 - 2. Bridging: Combination of flat, taut, steel straps and stud track solid blocking of width and thickness to match studs. Fasten flat straps to stud flanges and secure solid blocking to stud webs or flanges.
 - a. Flat strap Minimum Base Metal Thickness: 0.0538 inches.
 - b. Flat Strap Width: 2 inches.
 - 3. Bridging: Proprietary bridging bars installed according to manufacturer's written instructions.
- G. Install miscellaneous framing and connections, including stud kickers, web stiffeners, clip angles, continuous angles, anchors, and fasteners, to provide a complete and stable wall-framing system.

3.5 FIELD QUALITY CONTROL

- A. Testing: Owner will engage a qualified independent testing and inspecting agency to perform field tests and inspections and prepare test reports.
- B. Field and shop welds will be subject to testing and inspecting.
- C. Testing agency will report test results promptly and in writing to Contractor and Architect.
- D. Remove and replace work where test results indicate that it does not comply with specified requirements.
- E. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

3.6 REPAIRS AND PROTECTION

- A. Galvanizing Repairs: Prepare and repair damaged galvanized coatings on fabricated and installed cold-formed steel framing with galvanized repair paint according to ASTM A 780 and manufacturer's written instructions.
- B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure that cold-formed steel framing is without damage or deterioration at time of Substantial Completion.

END OF SECTION 05 40 00

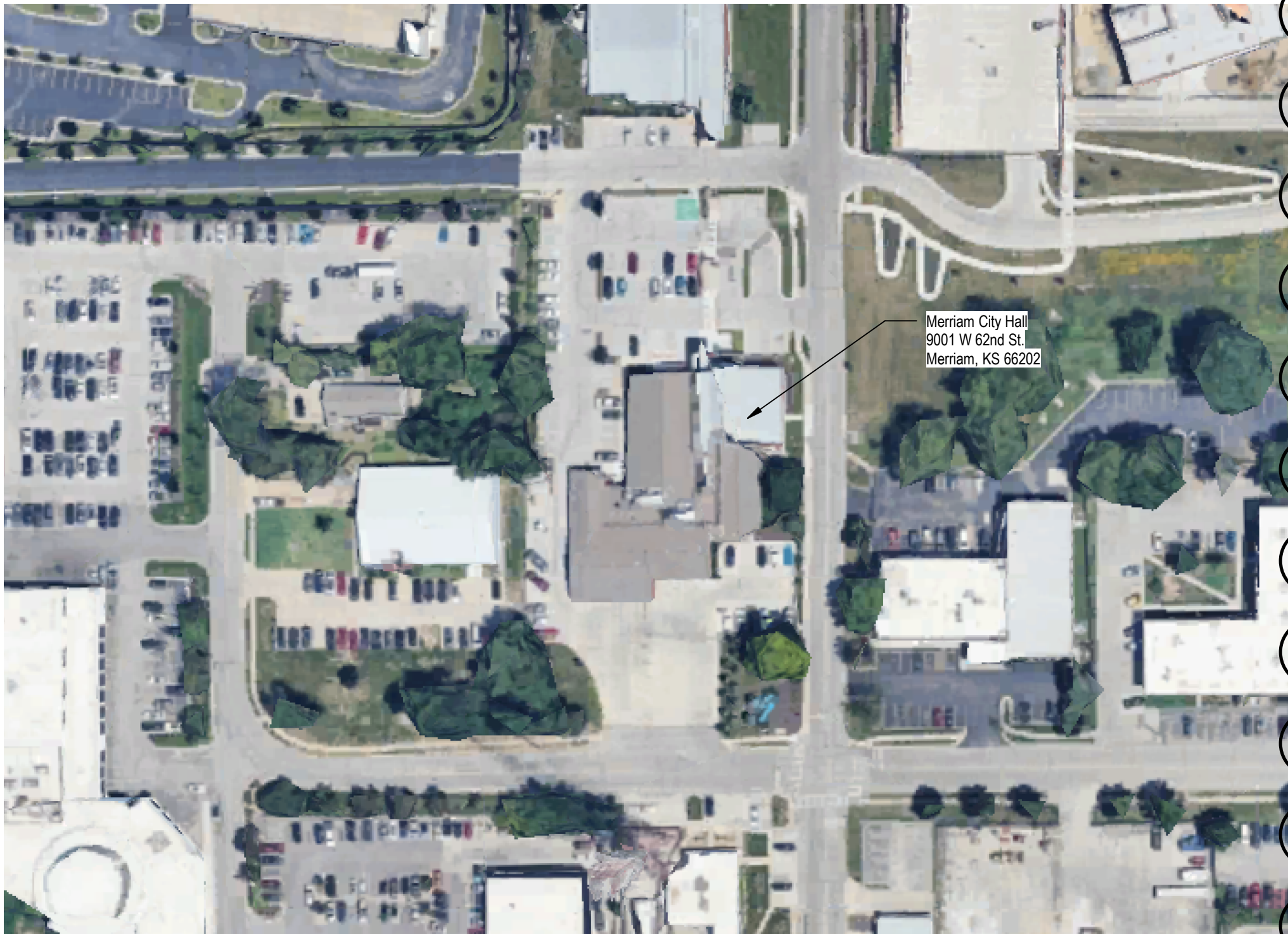
Merriam City Hall

Phase 2 Interior Renovation

9001 W 62nd St.
Merriam, KS 66202

Bid Documents

August 6, 2025



VICINITY MAP- N.T.S. - SITE: GOOGLE EARTH



INTERIOR RENDERING

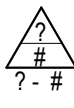
A-01

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Architecture \ Engineering \ Planning \ Landscape Architecture \ Commissioning

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Fort Collins, Colorado
Lawrence, Kansas
Kansas City, Missouri
Lincoln, Nebraska
Omaha, Nebraska
Portland, Oregon
Charleston, South Carolina



A-01 08/29/25 ADDENDUM #1

SHEET HISTORY:

ARCHITECT
(COORDINATING PROFESSIONAL)

MEP ENGINEER

ELECTRICAL ENGINEER

DRAWING INDEX

GENERAL

G0.00 Title Sheet & Drawing Index
G0.01 ADA Details

ARCHITECTURAL

A0.00 Wall Type Schedule & Details
A0.10 First Floor Overall Demolition Plan & Reflected Ceiling Plan
A0.11 Phasing Plans
A1.11 First Floor Plan & Reflected Ceiling Plan
A1.12 Interior Elevations and Details
A6.40 Door Schedule, Door Types, Frame Types

INTERIOR FINISHES

F1.10 First Floor Finishes Plan, Finishes Schedule, Finishes Legend and Details

MECHANICAL

M0.00 Mechanical & Plumbing Abbreviations, Symbols & Schedules
M1.01 First Floor HVAC Plan

PLUMBING

P1.01 Plumbing Plans

FIRE SUPPRESSION

FS1.01 First Floor Fire Supression Plan

ELECTRICAL

E0.00 Electrical Abbreviations, Symbols Legend & General Notes
E0.10 Electrical Demolition Plan
E1.01 First Floor Electrical Plans
E2.01 Electrical Schedules
E3.01 Electrical Details

REFERENCE SYMBOLS

	DETAIL OR SECTION NUMBER SHEET ON WHICH IT IS FOUND
	DETAIL REFERENCE NUMBER
	SECTION REFERENCE
	DETAIL REFERENCE
	ELEVATION REFERENCE
	CROSS SECTION REFERENCE
	DETAIL SECTION REFERENCE
	ROOM IDENTIFIER
	DOOR/OPENING IDENTIFIER
	WINDOW/OPENING IDENTIFIER
	GRID LINE
	ELEVATION REFERENCE
	WALL TYPE REFERENCE
	KEY NOTE
	MATCH LINE
	DEMOLITION INDICATOR
	REVISION TAG & CLOUD INDICATOR

REVISION TAG INFORMATION:
TOP indicates the instrument type.
A = Addendum
B = Bid Package
D = Construction Change Directive or Change Directive
F = Field Order
G = Guaranteed Maximum Price
I = Architects Supplemental Instructions or Architects Supplemental
L = Information
P = Limited Permit
R = Proposal Request, Proposal Request Order or Change Proposal Request
BOT = Request For Information Number assigned to instrument type

STANDARD ABBREVIATIONS

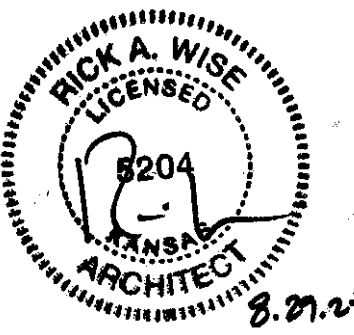
ABE _____ ARCHITECT/ENGINEER	FD _____ FLOOR DRAIN	PH _____ PHASE	SURF _____ SURFACE
ABV _____ ABOVE	FEC _____ FIRE EXTINGUISHER CABINET	PL _____ PLASTIC	SUSP _____ SUSPENDED
ACOUS _____ ACOUSTICAL	FIN FL _____ FINISH FLOOR	PLAM _____ PLASTIC LAMINATE	SUSP CLG _____ SUSPENDED CEILING
ACOUS INSUL _____ ACOUSTICAL INSULATION	FIN _____ FINISH	PLBG _____ PLUMBING	SYM _____ SYMBOL
ACOUS PNL _____ ACOUSTICAL PANEL	FLR _____ FLOOR	PLWOD _____ POLYWOOD	SYMM _____ SYMMETRIC
ADDL _____ ADDITIONAL	FLR FIN _____ FLOOR FINISH	POL _____ POLY	T&B _____ TOP AND BOTTOM
ADDL _____ ADDITIONAL	FOS _____ FACE OF STUD	POLYISO _____ POLYISOCYANURATE	T&G _____ TONGUE AND GROOVE
ADJ _____ ADJUSTABLE	FUR _____ FURRING	POS _____ POSITIVE	TEMP _____ TEMPORARY
ADJ _____ ADJUSTABLE	FV _____ FIELD VERITY	PR _____ PAPER	THK _____ THICK
AF _____ ACCESS FLOOR	GALV _____ GALVANIZED	PREFAR _____ PREFABRICATED	THRES _____ THRESHOLD
AFG _____ ABOVE FINISHED GRADE	GL _____ GLAZING	PRESUM _____ PRELIMINARY	THRU _____ THROUGH
AFS _____ ABOVE FINISHED SLAB	GYP _____ GYPSUM	PRKG _____ PARKING	T&B _____ TACKBOARD
AGGR _____ AGGREGATE	HGT _____ HEIGHT	PT _____ POINT	TEMPD _____ TEMPERED
AHU _____ AIR HANDLING UNIT	HMD _____ HOLLOW METAL	PTN _____ PARTITION	TEMPD GL _____ TEMPERED GLASS
ALUM _____ ALUMINUM	HMD _____ HOLLOW METAL	PTN _____ PARTITION	TOP _____ TOP OF JOIST
ANOD _____ ANODIZED	HMD _____ HOLLOW METAL	PV _____ PAVING	TOL _____ TOLERANCE
APPX _____ APPROX	HMD _____ HOLLOW METAL	PVMT _____ PAVEMENT	TOT _____ TOTAL
ARCH _____ ARCHITECT (URAL)	HMD _____ HOLLOW METAL	PWR _____ POWER	TOW _____ TOP OF WALL
BF _____ BOTH FACES	HMD _____ HOLLOW METAL	QTY _____ QUANTITY	TYP _____ TYPICAL
BFF _____ BELOW FINISH FLOOR	HMD _____ HOLLOW METAL	QUAL _____ QUALITY	UNFIN _____ UNFINISHED
BLDG _____ BUILDING	HMD _____ HOLLOW METAL	R _____ RISER	UNO _____ UNLESS NOTED OTHERWISE
BLK _____ BLOCK	HMD _____ HOLLOW METAL	RAD _____ RADIUS	UPS _____ UNINTERRUPTIBLE POWER SUPPLY
BLKG _____ BLOCKING	HMD _____ HOLLOW METAL	RBR _____ RUBBER	UR _____ URINAL
BLKHD _____ BLOCKHEAD	HMD _____ HOLLOW METAL	REC _____ RECESSED	UTIL _____ UTILITY
BM _____ BEAM	HMD _____ HOLLOW METAL	REC _____ RECEIVED	VERT _____ VERTICAL
BRCC _____ BRACING	HMD _____ HOLLOW METAL	RECPT _____ RECEPTACLE	VEST _____ VESTIBULE
BRK _____ BRICK	HMD _____ HOLLOW METAL	RECT _____ RECTANGULAR	VIB _____ VIBRATION
BRKT _____ BRACKET	HMD _____ HOLLOW METAL	REF _____ REFERENCE	VNR _____ VENER
BSMT _____ BASEMENT	HMD _____ HOLLOW METAL	REFIN _____ REINFORCEMENT	VOL _____ VOLUME
BSMT _____ BASEMENT	HMD _____ HOLLOW METAL	REM _____ REMOVABLE	VR _____ VAPOR RETARDER
BTL _____ BOTTOM	HMD _____ HOLLOW METAL	REQD _____ REQUIRED	VT _____ VINYL TILE
CAB _____ CABINET	HMD _____ HOLLOW METAL	RESIL _____ RESILIENT	VWC _____ VINYL WALL COVERING
CCTV _____ CLOSED CIRCUIT TELEVISION	HMD _____ HOLLOW METAL	RFG _____ ROOFING	WW _____ WALL TO WALL
CER TILE _____ CERAMIC TILE	HMD _____ HOLLOW METAL	RHR _____ RIGHT HAND REVERSE	WLO _____ WITHOUT
CLG HT _____ CEILING HEIGHT	HMD _____ HOLLOW METAL	RND _____ ROUND	WC _____ WATER CLOSET
CL _____ CEMENT	HMD _____ HOLLOW METAL	RO _____ ROUGH OPENING	WO _____ WOOD
CLG DIFF _____ CEILING DIFFUSER	HMD _____ HOLLOW METAL	RV _____ ROOF VENT	WOW _____ WINDOW
CLG HT _____ CEILING HEIGHT	HMD _____ HOLLOW METAL	RVS _____ REVERSE	WF _____ WIDE FLANGE
CMU _____ CONCRETE MASONRY UNIT	HMD _____ HOLLOW METAL	S _____ SOUTH	WH _____ WALL HUNG
CO _____ CLEANOUT	HMD _____ HOLLOW METAL	SALV _____ SALVAGE	WR _____ WATER RESISTANT
COL _____ COLUMN	HMD _____ HOLLOW METAL	SCH _____ SCHEDULE	WS _____ WEATHERSTRIPPING
CONC _____ CONCRETE	HMD _____ HOLLOW METAL	SCMU _____ SOLID CONCRETE MASONRY UNIT	WST _____ WAIST
CONF _____ CONFERENCE	HMD _____ HOLLOW METAL	SECT _____ SECTION	WT _____ WEIGHT
CONSTR _____ CONSTRUCTION	HMD _____ HOLLOW METAL	SG _____ SINGLE	WTR _____ WATER
CONT _____ CONTINUOUS	HMD _____ HOLLOW METAL	SHR _____ SHOWER	WTRPRF _____ WATERPROOFING
COORD _____ COORDINATE	HMD _____ HOLLOW METAL	SHTHG _____ SHEATHING	WWM _____ WELDED WIRE MESH
CPT _____ CARPET	HMD _____ HOLLOW METAL	SHVL _____ SHELVES	X SECT _____ CROSS SECTION
CSWK _____ CASEWORK	HMD _____ HLOW METAL	SN _____ SINK	
DET _____ DETAIL	HMD _____ HOLLOW METAL	SLP _____ SLOPE	
DFR _____ DRINKING FOUNTAIN	HMD _____ HOLLOW METAL	SLV _____ SLEEVE	
DFR _____ DOOR FRAME	HMD _____ HOLLOW METAL	SM _____ SHEET METAL	
DIM _____ DIMENSION	HMD _____ HOLLOW METAL	SMLS _____ SEAMLESS	
DIST _____ DISTANCE	HMD _____ HOLLOW METAL	SPCL _____ SPACING	
DN _____ DOWN	HMD _____ HOLLOW METAL	SPEC _____ SPECIFICATION	
DST _____ DOOR STOP	HMD _____ HOLLOW METAL	SPR _____ SPRINKLER	
E _____ EACH	HMD _____ HOLLOW METAL	SPKR _____ SPEAKER	
EJ _____ EXPANSION JOINT	HMD _____ HOLLOW METAL	SQFT _____ SQUARE FOOT	
EL _____ ELEVATION	HMD _____ HOLLOW METAL	SQIN _____ SQUARE INCH	
ELEC _____ ELECTRICAL	HMD _____ HOLLOW METAL	SOYD _____ SQUARE YARD	
ENGR _____ ENGINEER	HMD _____ HOLLOW METAL	SS _____ SERVICE SINK	
ENR _____ ENTRANCE	HMD _____ HOLLOW METAL	SS _____ STAINLESS STEEL	
EO _____ ELECTRICAL OUTLET	HMD _____ HOLLOW METAL	STAG _____ STREET	
EP _____ ELECTRICAL	HMD _____ HOLLOW METAL	STD _____ STANDARD	
EQ _____ EQUAL	HMD _____ HOLLOW METAL	STL _____ STEEL	
EQUIP _____ EQUIPMENT	HMD _____ HOLLOW METAL	STL PL _____ STEEL PLATE	
EQUIV _____ EQUIVALENT	HMD _____ HOLLOW METAL	STR _____ STEEL	
EW _____ EACH WAY	HMD _____ HOLLOW METAL	STRCT _____ STRUCTURAL	
EXG _____ EXISTING	HMD _____ HOLLOW METAL	STRUCT STL _____ STRUCTURAL STEEL	
EVU CH _____ EVALUATION	HMD _____ HOLLOW METAL		

Bid Documents

Merriam City Hall – Phase 2 Interior Renovation

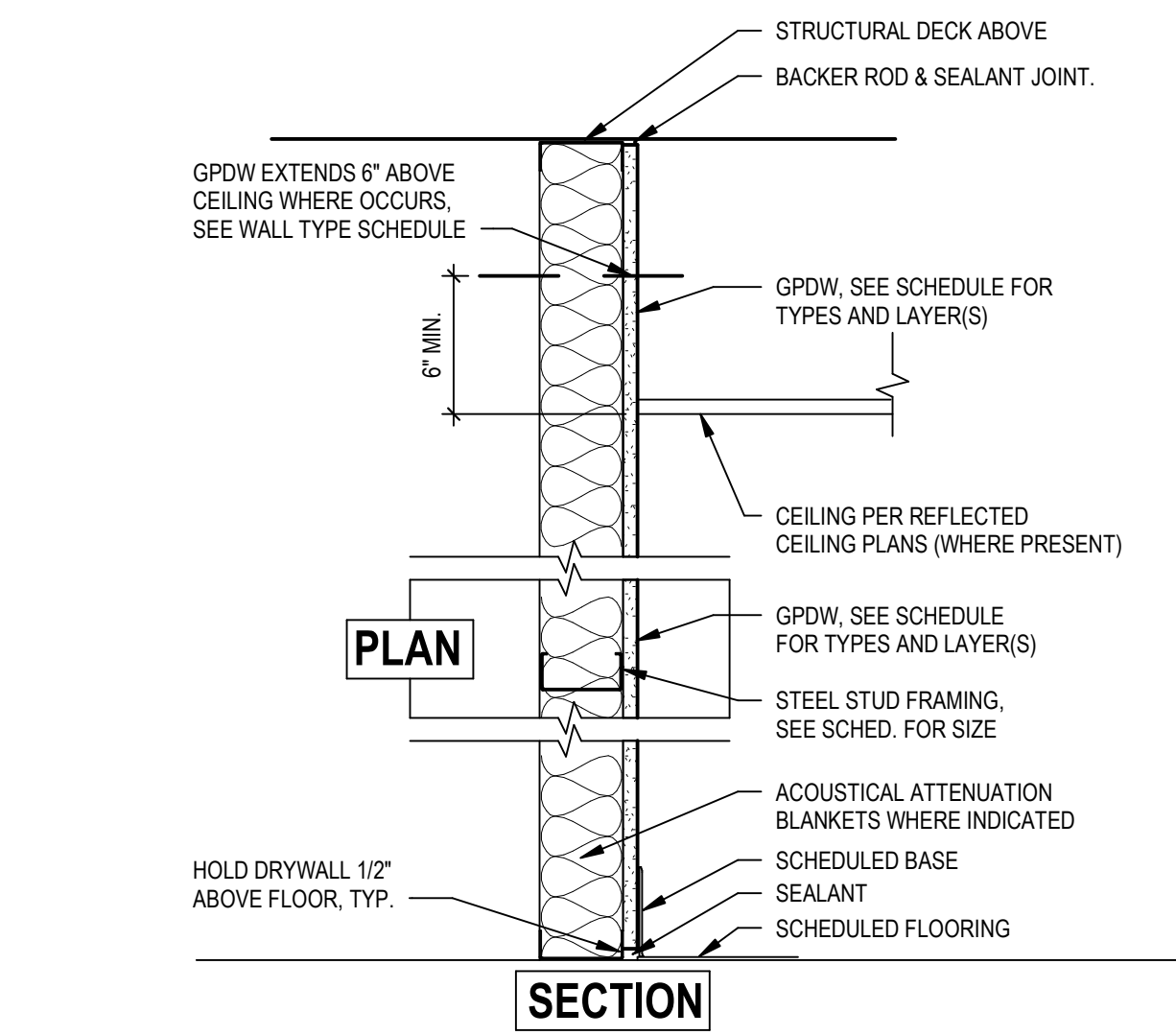
9001 W 62nd St.
Merriam, KS 66202

CE No.: 265-005-24
08/06/25



Title Sheet & Drawing
Index

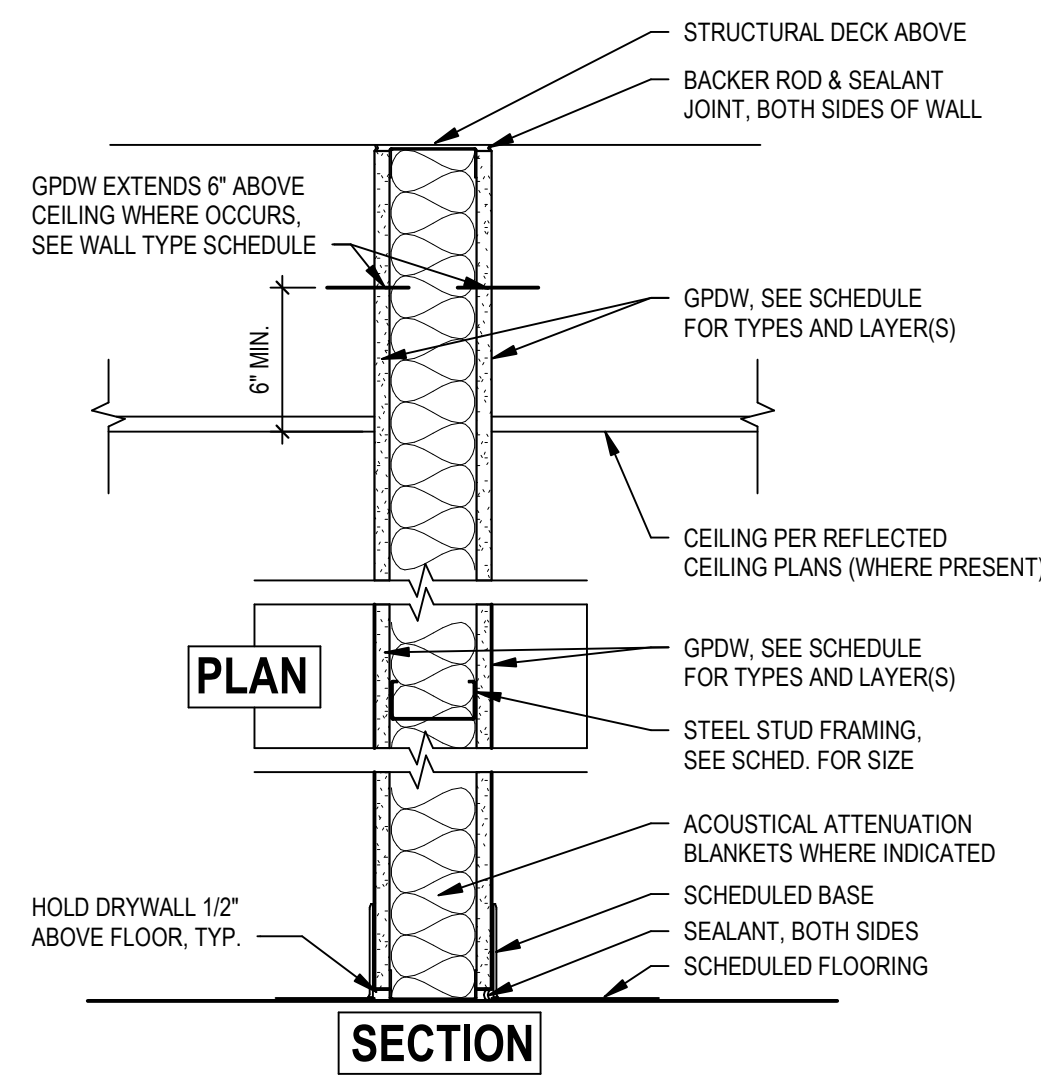
G0.00



STEEL STUD FURRING - (TYPE A, B, C, D)

NOTE: FOR STUD GAGE SEE 'INTERIOR STEEL STUD FRAMING GAGE TABLE' TYPE 2, THIS SHEET

TAG	SUPPORT	FACING - TAG SIDE	FACING - OPP SIDE	ACTUAL SIZE	HEIGHT	RATING	STC	INSULATION	REMARKS
A3	3/8\"/>	(1) LAYER - 5/8\"/>		4 1/4\"/>		NA	NA		
NOTE: SEE INTERIOR STEEL STUD FRAMING GAGE CHART FOR STEEL STUD GAGES									



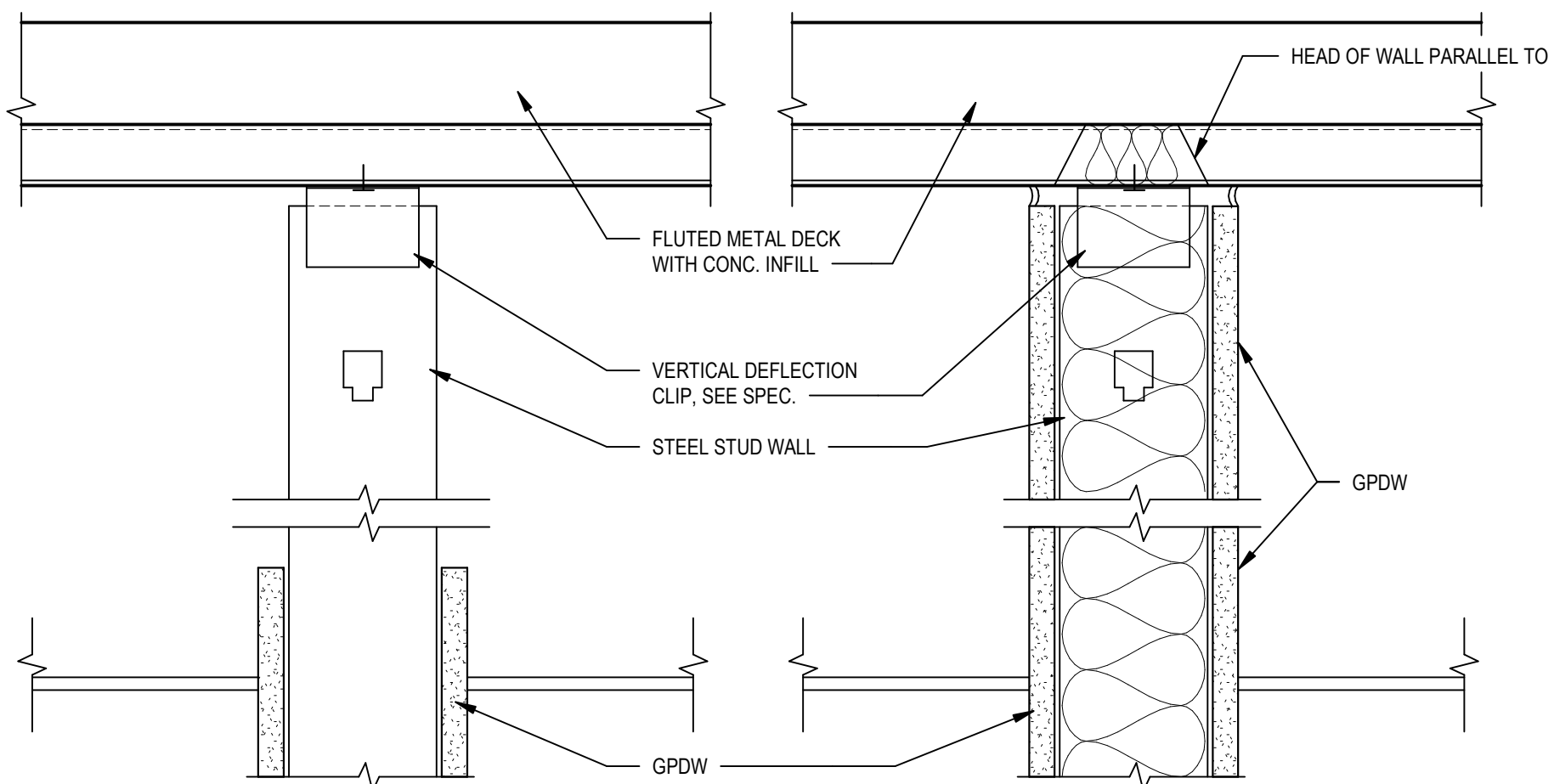
STEEL STUD PARTITION - (TYPE F, G, H, J, K)

NOTE: FOR STUD GAGE SEE 'INTERIOR STEEL STUD FRAMING GAGE TABLE' TYPE 1, THIS SHEET

TAG	SUPPORT	FACING - TAG SIDE	FACING - OPP SIDE	ACTUAL SIZE	HEIGHT	RATING	STC	INSULATION	REMARKS
	<varies>	(1) LAYER - 5/8\"/>	(1) LAYER - 5/8\"/>	<varies>		NA	NA		
F3	3/8\"/>	(1) LAYER - 5/8\"/>	(1) LAYER - 5/8\"/>	4 7/8\"/>		NA	NA		
F6	6\"/>	(1) LAYER - 5/8\"/>	(1) LAYER - 5/8\"/>	7 1/4\"/>		NA	NA		

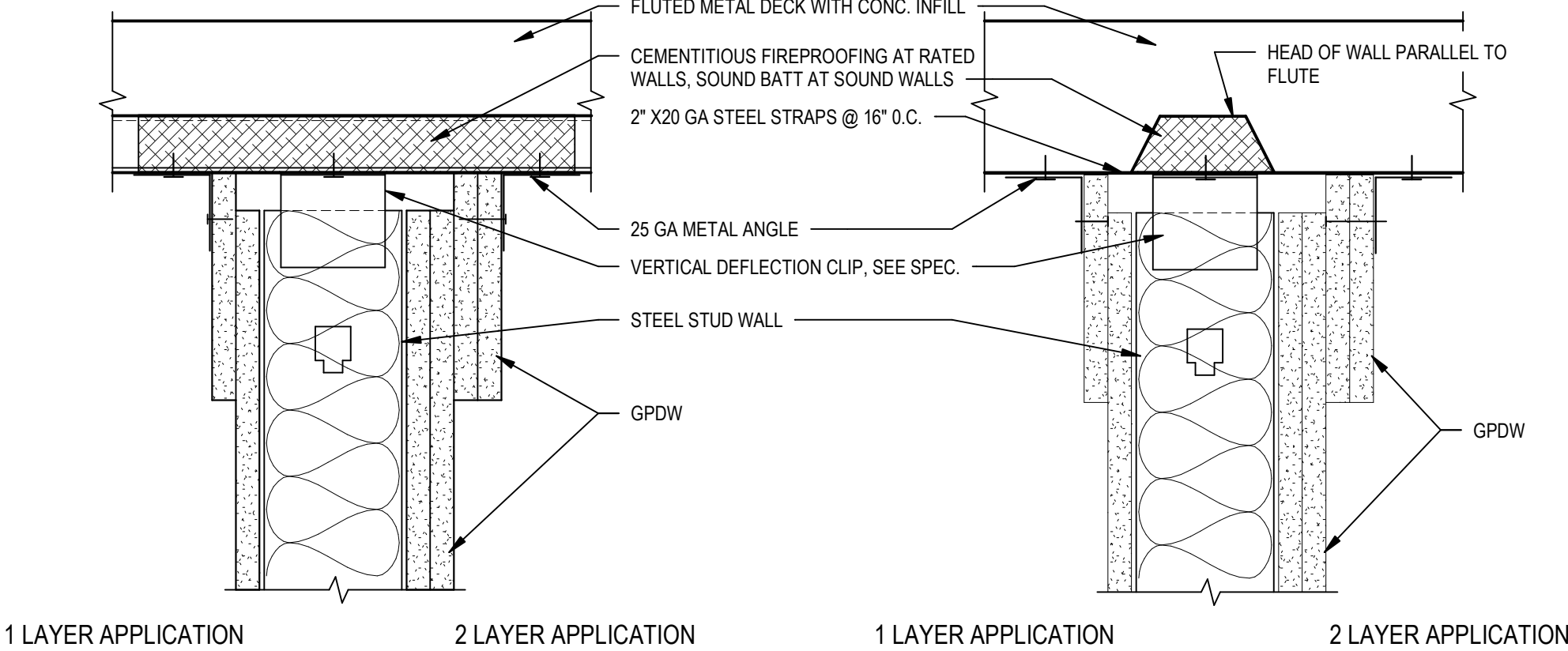
WALL TYPES

SCALE: 1 1/2\"/>



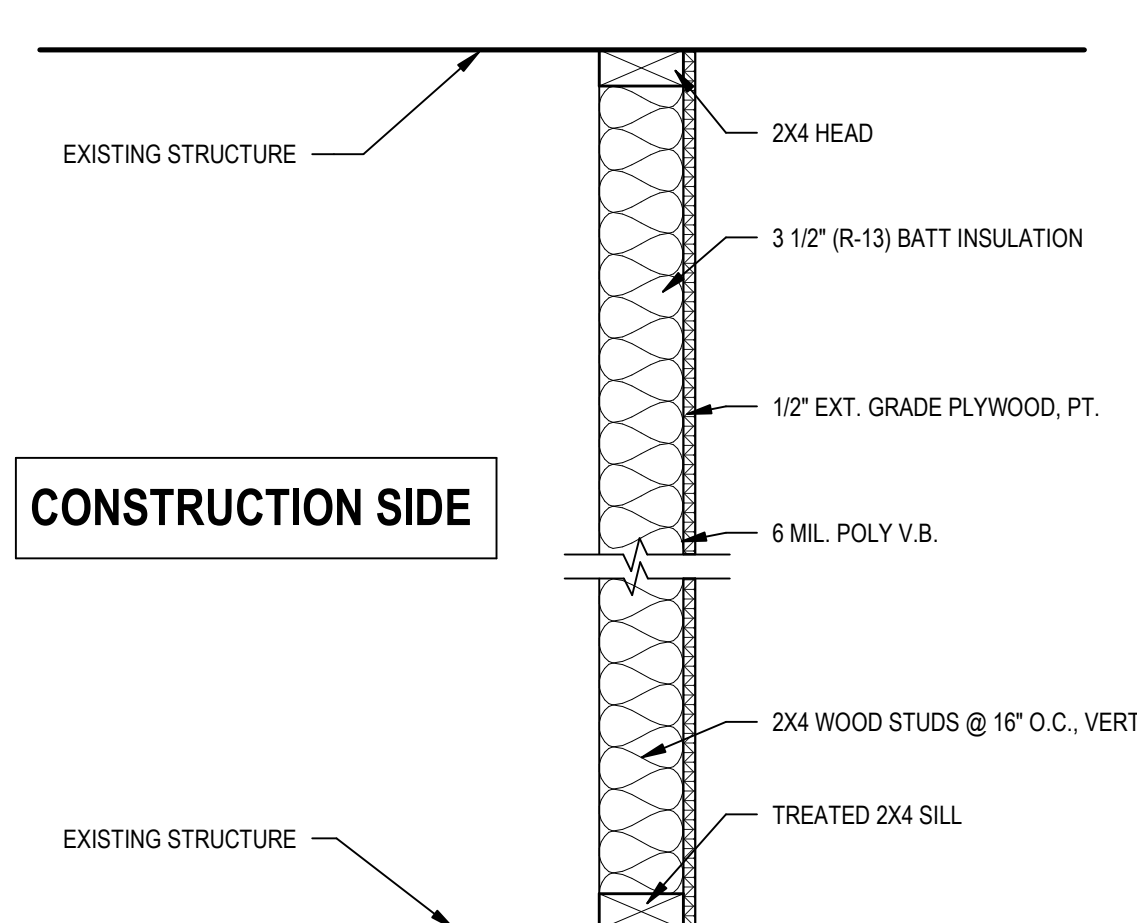
7 TYPICAL STEEL STUD WALL SLIP CONNECTION

SCALE: NTS



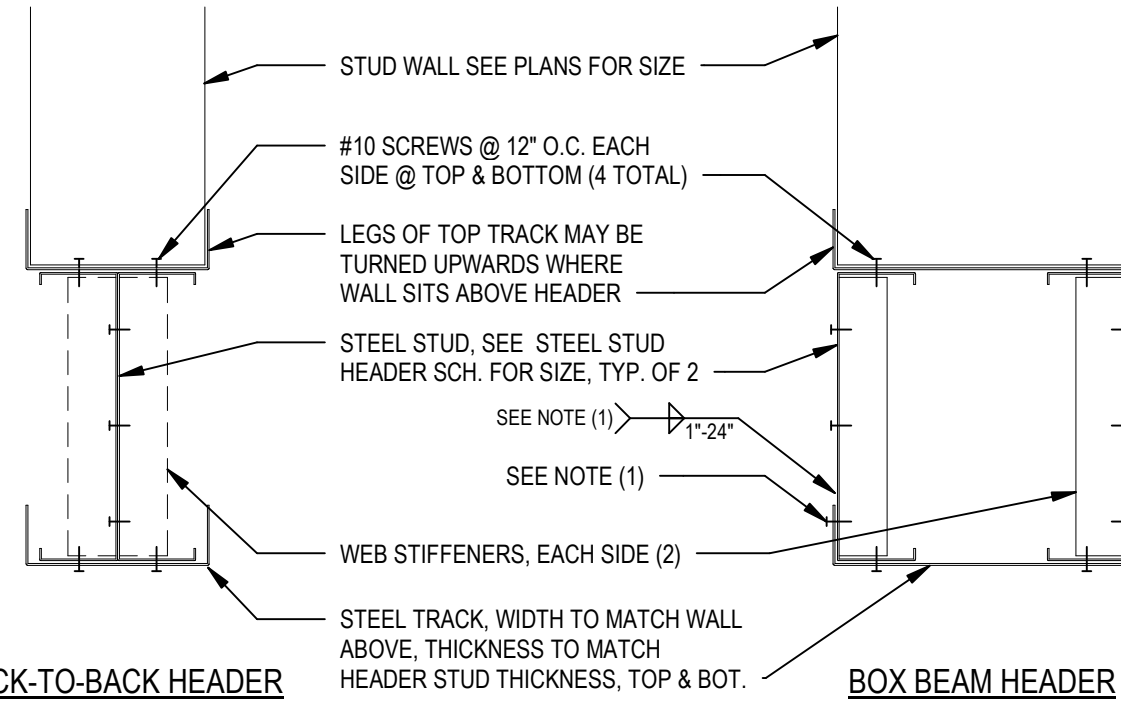
8 STEEL STUD WALL SLIP CONNECTION

SCALE: NTS



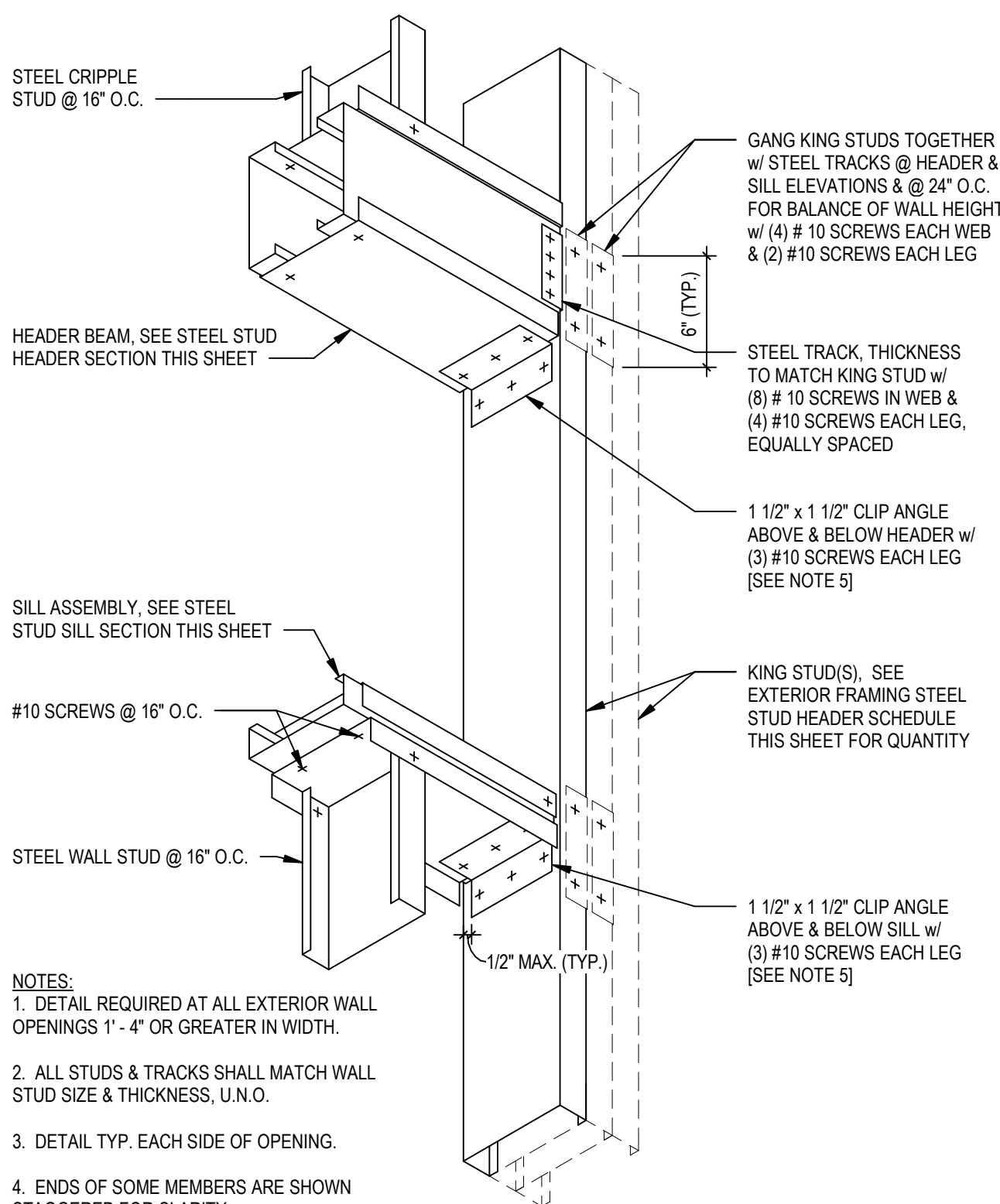
9 TEMPORARY WALL PARTITION

SCALE: 1 1/2\"/>



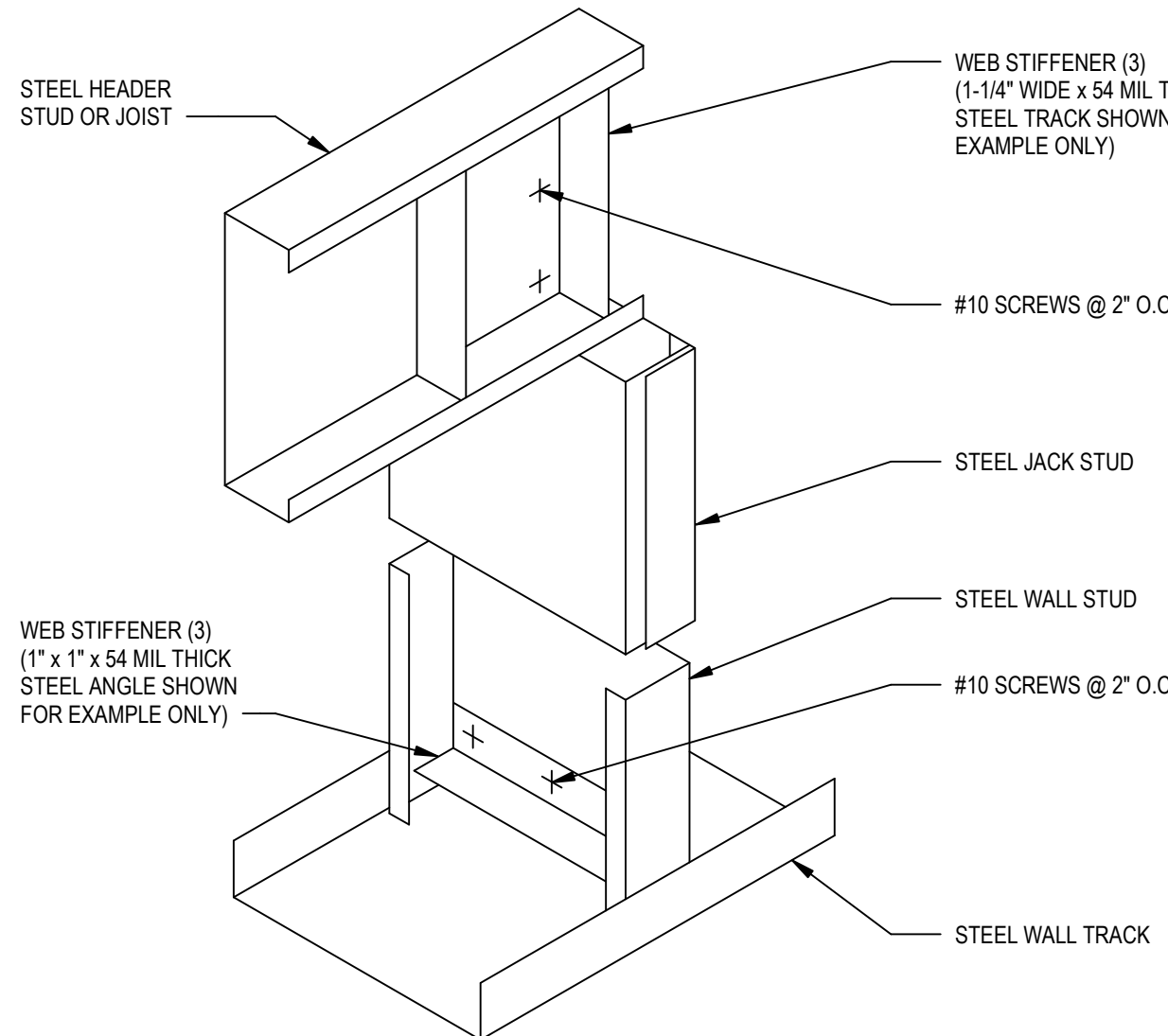
6 STEEL STUD HEADER SECTION

SCALE: 3\"/>



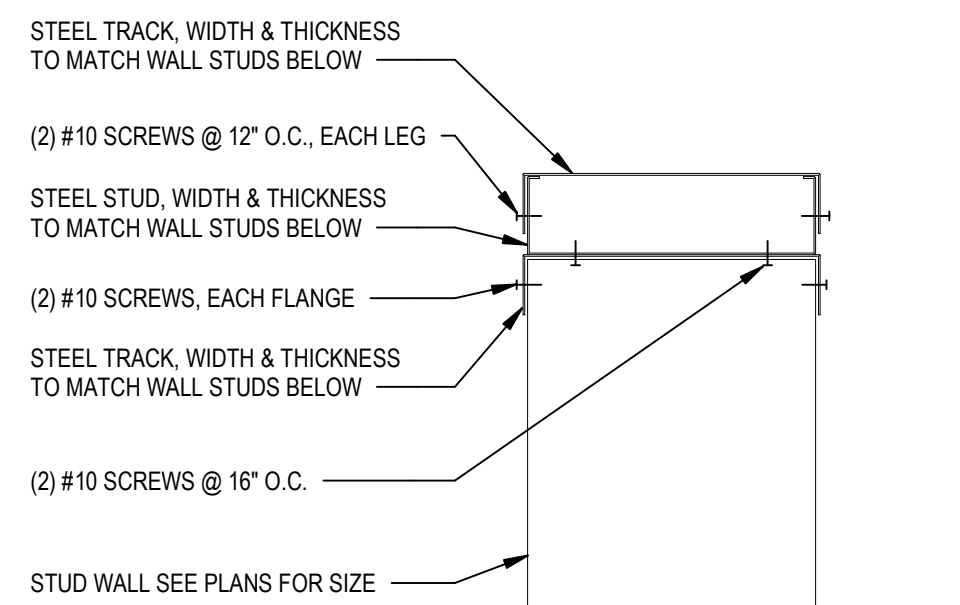
1 TYPICAL WALL OPENING DETAIL

SCALE: 1 1/2\"/>



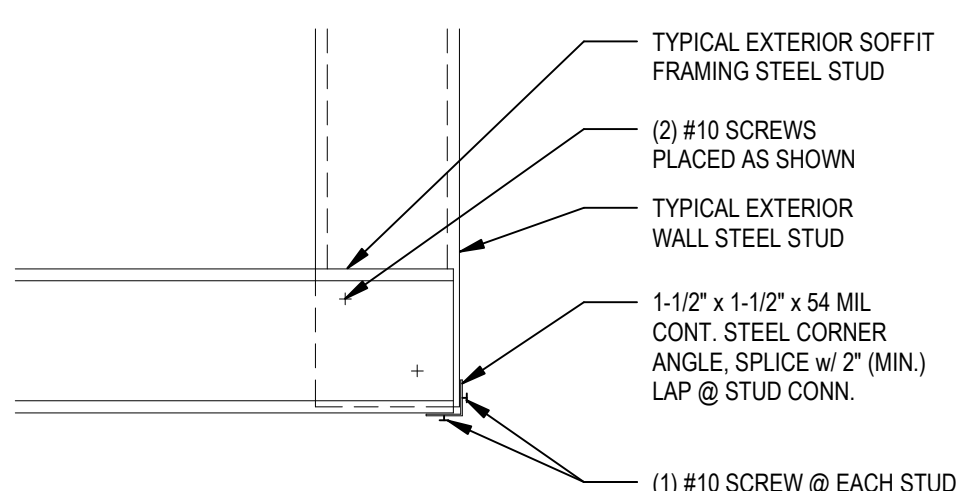
2 WEB STIFFENER CONNECTION DETAIL

SCALE: 3\"/>



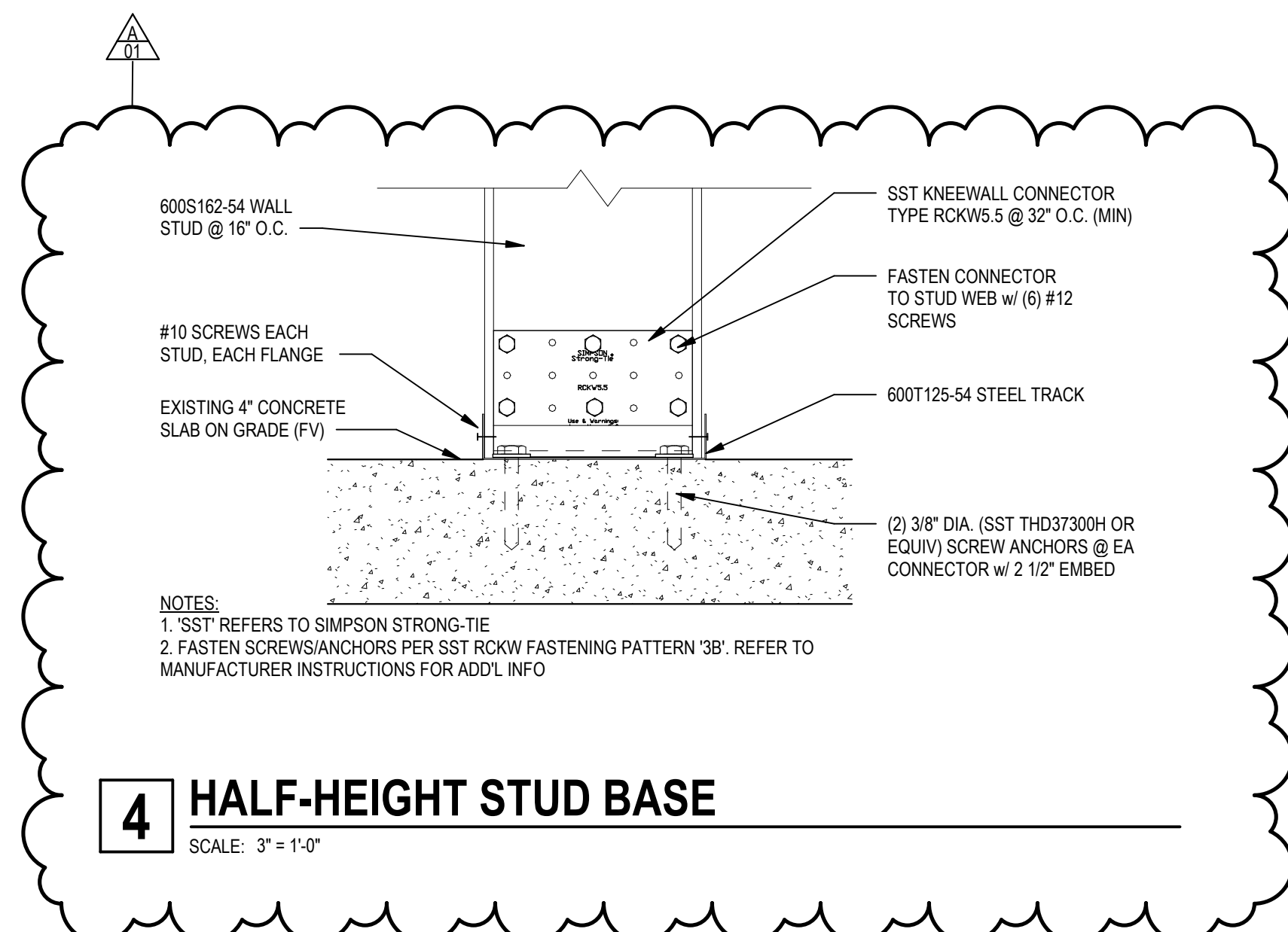
5 STEEL STUD SILL SECTION

SCALE: 3\"/>



3 TYPICAL SOFFIT CONNECTION

SCALE: 1 1/2\"/>



4 HALF-HEIGHT STUD BASE

SCALE: 3\"/>

GENERAL INFORMATION		
LOCATION: Merriam City Hall 9001 W 62nd St. Merriam, KS 66202	AGENCY INFORMATION: City of Merriam (913) 322-5500	AUTHORITY HAVING JURISDICTION: City of Merriam
REASON FOR SUBMITTAL: Interior Renovation		
PROJECT DESCRIPTION Interior renovation to include the removal and replacement of (3) reception counters and associated glazing, installation of new signage, installation of overhead coiling door, and the removal and replacement of casework and finishes in select areas of the First Floor.		
APPLICABLE CODES 2018 - International Building Code (IBC) 2017 - National Electric Code (NEC) 2018 - International Fire Code (IFC) 2018 - International Plumbing Code (IPC)		
OCCUPANCY/ STRUCTURAL CLASSIFICATION Description: Existing Two story building with concrete steel, and CMU structure. Occupancy Classification: B, A-3, S-1 (Non-separated) Construction Type: 3B (Fully sprinklered)		
ACTIVE LIFE SAFETY SYSTEMS: Fire Alarm: Required/Provided: Per NFPA 72 Smoke Detection: Required/Provided: Per NFPA 72 Exit Signs: Required/Provided: Emergency Generator Emergency Lighting: Required/Provided: Emergency Generator Suppression-Automatic: Required/Provided: Wet System Fire Extinguishers: Required/Provided: Per NFPA 10		PASSIVE LIFE SAFETY SYSTEMS: Corridor ratings: None, Not Required Stairwells: None, Not Required Shafts: None, Not Required Occupancy Separations: None Fire Separations: None.

CODE GENERAL INFORMATION LEGEND



A-01

SHEET HISTORY:

08/29/25 ADDENDUM #1

Bid Documents

Merriam City Hall –
Phase 2 Interior
Renovation9001 W 62nd St.
Merriam, KS 66202CE No.: 265-005-24
08/06/25Wall Type Schedule &
Details

A0.00

Plot Time Stamp: 8/29/2025 12:01:13 PM
File Location/Name: Autocad Docx/765-005-24 Merriam City Hall Phase 2 Interior/765-005-24 MCHR_A25.rvt

1 FIRST FLOOR - OVERALL DEMOLITION REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



2 FIRST FLOOR - OVERALL DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



GENERAL DEMOLITION NOTES

1. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE ITEMS.
2. PROTECT ITEMS NOT BEING REMOVED FROM DAMAGE DURING CONSTRUCTION.
3. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BIDDING TO DETERMINE THE TOTAL QUANTITIES AND SCOPE OF WORK THAT IS TO OCCUR AND COORDINATE ANY DISCREPANCIES WITH THE ARCHITECT.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE INSTALLATION OF NEW WORK WITHIN EXISTING CONDITIONS.
5. ALL MATERIALS REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY DESIGNATED TO REMAIN THE PROPERTY OF THE OWNER.
6. ALL WALLS INDICATED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY INCLUDING ALL ELECTRICAL OUTLETS, SWITCHES AND CONDUITS, TELEPHONE OUTLETS, WIRING, MECHANICAL PIPING, BASES AND PLUMBING, ETC.
7. REMOVE ALL SURFACE MOUNTED OBJECTS IN AREA OF WORK THAT ARE ABANDONED AND NOT INTENDED FOR REUSE. PREPARE SURFACE FOR NEW FINISH.
8. COORDINATE ALL DEMOLITION WORK BETWEEN ALL TRADES.
9. CONTRACTOR SHALL NOTIFY THE ARCHITECT IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING.
10. SEE ALSO REFLECTED CEILING PLANS, MECHANICAL SHEETS, & ELECTRICAL SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING MATERIALS TO REMAIN RESULTING FROM WORK UNDER THIS CONTRACT, AND SHALL RESTORE SUCH DAMAGE TO ITS ORIGINAL CONDITION.
12. BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL CONFER WITH THE LOCAL DEPARTMENT AND/OR BUILDING USERS TO SCHEDULE DISRUPTION OF DAILY ACTIVITIES.
13. ALL PRODUCTS AND EQUIPMENT SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
14. CONSTRUCTION AREA SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.
15. FINAL CLEANING SHALL INCLUDE THE FOLLOWING:
 - A. REMOVE LABELS THAT ARE NOT INTENDED TO BE PERMANENT.
 - B. CLEAN ALL TRANSPARENT SURFACES, INCLUDING MIRRORS AND GLASS IN DOORS AND WINDOWS.
 - C. CLEAN EXPOSED SURFACES AND INTERIOR HARD-SURFACED FINISHES TO A DUST-FREE CONDITION.
16. PURSUANT TO THE FEDERAL OSHA EMPLOYEE RIGHT-TO-KNOW ACT, THE CONTRACTOR IS HEREBY ADVISED THAT A POTENTIAL FOR LEAD HAZARD EXISTS. LEAD PAINT CAN BE PRESENT ON OLDER PAINTED SURFACES. THE CONTRACTOR IS ADVISED THAT HE/SHE IS RESPONSIBLE TO COMPLY WITH THE FEDERAL STANDARDS FOR LEAD PAINT IN THE CONSTRUCTION INDUSTRY THAT WERE ADOPTED IN JUNE OF 1993 BY OSHA CFR 29 PART 1926.62. THESE REGULATIONS REQUIRE THE CONTRACTOR TO DEVELOP WORK STRATEGIES WHEN WORKING WITH LEAD TO MINIMIZE AND PROTECT WORKERS FROM LEAD HAZARDS.
19. ASBESTOS ABATEMENT WILL BE PERFORMED UNDER SEPARATE CONTRACT. IF ASBESTOS IS DISCOVERED DURING DEMOLITION, NOTIFY THE ARCHITECT.

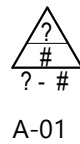
1	DEMOLITION KEY NOTES (FLOOR PLANS ONLY)
A-WALLS	
A1	REMOVE EXISTING GYP. BOARD & STUD FRAMED WALL PARTITION IN ITS ENTIRETY FROM FLOOR TO TOP OF WALL TO THE EXTENT SHOWN, INCLUDING BUT NOT LIMITED TO GYP. BOARD, TRIMS, FRAMING, ELECTRICAL, AND MECHANICAL (STRUCTURAL STEEL TO REMAIN). REMOVE ELECTRICAL AND MECHANICAL BACK TO JUNCTION OR MAIN SUPPLYING UTILITY AND CAP. REPAIR WALL, FLOORING, CEILING AND ADJACENT WALL(S), IF APPLICABLE, TO MATCH EXISTING FINISH. OR COORDINATE WINNEW CONSTRUCTION & INTERIOR FINISHES.
A2	REMOVE PORTION OF EXISTING GYP. BOARD & STUD FRAMED WALL TO ACCOMMODATE NEW INTERIOR WINDOW. INCLUDE REMOVAL OF EXISTING GYPSUM BOARD, FRAMING, BLOCKING, INSULATION, AND ANY OTHER WALL COMPONENTS AS REQUIRED. PROTECT ADJACENT FINISHES AND STRUCTURAL ELEMENTS TO REMAIN. COORDINATE EXTENT OF DEMOLITION WITH NEW WINDOW SIZE AND ROUGH OPENING REQUIREMENTS. PATCH AND REPAIR ALL DISTURBED SURFACES NOT SCHEDULED FOR NEW WORK. VERIFY PRESENCE OF MEP SERVICES IN WALL AND COORDINATE RELOCATION OR TERMINATION WITH RESPECTIVE TRADES.
B-FLOOR	
B1	REMOVE EXISTING FINISH FLOORING AND WALL BASE TO THE EXTENT SHOWN. PREPARE SUBFLOOR AND WALL TO RECEIVE NEW FINISH FLOORING AND WALL BASE. COORDINATE EXTENT OF NEW FINISH FLOORING WITH NEW FINISHES. REPAIR WALLS, IF APPLICABLE, TO MATCH EXISTING FINISH.
B2	REMOVE EXISTING TILE FINISH FROM RISERS, TREADS, LANDING, AND WALL BASE AT STAIRS. PREPARE SURFACES TO RECEIVE CARPET AND RUBBER WALL BASE.
C-CEILING	
C1	REMOVE EXISTING CEILING SYSTEM AS REQUIRED FOR NEW CONSTRUCTION, INCLUDING BUT NOT LIMITED TO CEILING PADS, CEILING GRID, LIGHT FIXTURES, MECHANICAL DIFFUSERS, SPRINKLER HEADS, ELECTRICAL SIGNAGE AND FIRE DEVICES. COORDINATE EXTENT OF MECHANICAL, ELECTRICAL, AND PLUMBING DEMOLITION WITH NEW CONSTRUCTION. REPAIR WALL, IF APPLICABLE, TO MATCH EXISTING FINISH. OR COORDINATE WINNEW CONSTRUCTION & INTERIOR FINISHES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR CEILING ELEMENTS TO BE REMOVED AND RELOCATED.
C2	PARTIALLY REMOVE CEILING GRID AS REQUIRED FOR INSTALLATION OF NEW PARTITION WALL, IF APPLICABLE. SALVAGE EXISTING LIGHT FIXTURES NOT USED IN NEW WORK TO OWNER.
D-DOORS	
D1	REMOVE EXISTING DOOR IN ITS ENTIRETY TO THE ROUGH OPENING, INCLUDING BUT NOT LIMITED TO DOOR LEAF, DOOR FRAME, GLAZING, HARDWARE AND ALL SEALANT. PROTECT ADJACENT FINISHED SURFACES. REPAIR WALL, INSULATION, FLOORING, CEILING, AND ADJACENT WALL(S), IF APPLICABLE, TO MATCH EXISTING FINISH, OR COORDINATE WITH NEW CONSTRUCTION & INTERIOR FINISHES.
D2	REMOVE EXISTING DOOR LEAF AND HARDWARE. PROTECT EXISTING FRAME TO REMAIN. PATCH AND REPAIR PAINT AS NECESSARY.
D4	REMOVE EXISTING OH COILING COUNTERTOP OF DOOR.
E-FURNISHINGS & EQUIPMENT	
E1	REMOVE EXISTING MONITOR.
E2	REMOVE AND REINSTALL EXISTING WALL-MOUNTED DEFIBRILLATOR (AED) UNIT. PROTECT IN STORAGE DURING DEMOLITION AND CONSTRUCTION. REINSTALL IN ORIGINAL OR DESIGNATED LOCATION WITH ALL ASSOCIATED HARDWARE.
E3	REMOVE AND RE-INSTALL FLOOR-STANDING PRINTER. PROTECT UNIT DURING REMOVAL, STORAGE, AND RE-INSTALLATION. COORDINATE DISCONNECTION OF POWER AND NETWORK CONNECTIONS WITH OWNER.
F-MISCELLANEOUS	
F1	REMOVE EXISTING RECEPTION COUNTER AND TRANSACTION WINDOW, INCLUDING BUT NOT LIMITED TO, FRAMING, GLAZING, COUNTERTOP, HARDWARE, AND FINISHES. PROTECT ADJACENT FINISHES AND STRUCTURAL ELEMENTS TO REMAIN. PATCH AND REPAIR ALL DISTURBED SURFACES NOT SCHEDULED FOR NEW WORK.
F2	REMOVE EXISTING CASEWORK, INCLUDING BASE AND WALL CABINETS, COUNTERTOPS, BACKSPLASHES, AND ASSOCIATED TRIM. REPAIR WALL, FLOORING, CEILING, AND ADJACENT WALL(S) TO MATCH EXISTING FINISH, OR COORDINATE WINNEW CONSTRUCTION & INTERIOR FINISHES.

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Charleston, South Carolina



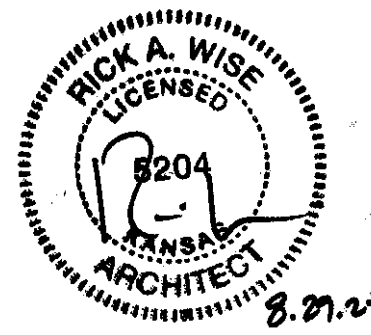
SHEET HISTORY:
A-01 08/29/25 ADDENDUM #1

Bid Documents

Merriam City Hall –
Phase 2 Interior
Renovation

9001 W 62nd St.
Merriam, KS 66202

CE No.: 265-005-24
08/06/25



First Floor Overall
Demolition Plan &
Reflected Ceiling Plan

A0.10

EXISTING FFE - MUNICIPAL COURT

TAG	DESCRIPTION	DIMENSIONS	QTY.	EXIST. ROOM	FINAL ROOM	REMARKS
MC-1	DESK	54"W X 24"D X 29-1/2"H	2	111	110	INCLUDES BELOW DESK FILING CABS
MC-2	DESK	70"W X 28"D X 29-1/2"H	2	111	110	INCLUDES BELOW DESK FILING CABS
MC-3	DESK	48"W X 24"D X 29-1/2"H	2	111	110	INCLUDES BELOW DESK FILING CABS
MC-4	DESK CHAIR (BLUE)		1	111	110	COORDINATE WITH FURNITURE PACKAGE
MC-5	DESK CHAIR (OTHER)		2	111	110	COORDINATE WITH FURNITURE PACKAGE
MC-6	PRINTER	23"W X 27-1/2"D X 46-1/2"H	1	111	110	
MC-7	4-DRAWER FILING CABINET	36"W X 18"D X 52-1/2"H	1	111	110	
MC-8	4-DRAWER FILING CABINET	15"W X 26-1/2"D X 52-1/2"H	1	115	110	
MC-9	OPEN SHELVING	24"W X 12"D X 75"H	1	115	110	
MC-10	OPEN SHELVING	36"W X 36"D X 75"H	1	115	110	
MC-11	SHREDDER	21-1/2"W X 15-1/2"D X 52-1/2"H	1	115	110	
MC-12	WIRE CART	35"W X 18"D X 52-1/2"H	1	111	110	

EXISTING FFE - PLANNING & CODES

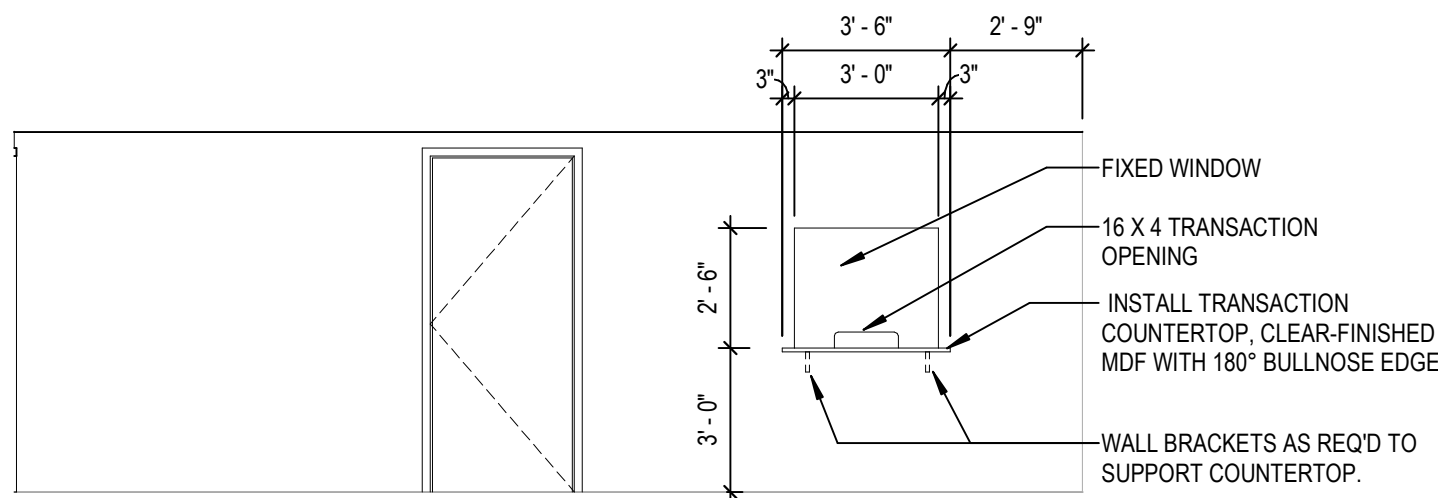
TAG	DESCRIPTION	DIMENSIONS	QTY.	EXIST. ROOM	FINAL ROOM	REMARKS
PC-1	3 PC MODULAR DESK - LEG 1	48"W X 24"D X 29-1/2"H	1	113	113	INCLUDES BELOW DESK FILING CABS, UPPERS, AND ACOUSTIC PARTITION WITH SUPPORT BRACKETS
	3 PC MODULAR DESK - LEG 2	42"W X 23-1/2"D X 29-1/2"H	1			
	3 PC MODULAR DESK - CORNER	36"W X 28-1/2"D X 29-1/2"H	1			
PC-2	DESK CHAIR		2	112/113	112/113	COORDINATE WITH FURNITURE PACKAGE
PC-3	DESKTOP PRINTER	16"W X 20"D X 30"H	1	112	112	
PC-4	2-DRAWER FILING CABINET	36"W X 19"D X 28-1/2"H	1	113	113	
PC-5	4-DRAWER FILING CABINET	42"W X 19"D X 53"H	2	113	113	
PC-6	4-DRAWER FILING CABINET	42"W X 19"D X 66-1/2"H	1	113	113	
PC-7	3-DRAWER FILING CABINET	36"W X 19"D X 28"H	1	113	113	
PC-8	3-DRAWER FILING CABINET	15"W X 24"D X 27-1/2"H	1	112	112	
PC-9	2-DRAWER FILING CABINET	36"W X 19-1/2"D X 27-1/2"H	1	112	112	
PC-10	2 PC MODULAR DESK - LEG 1	71-1/2"W X 35-1/2"D X 28"H	1	108	108	
	2 PC MODULAR DESK - LEG 2	48"W X 23-1/2"D X 28"H	1			

FFE LEGEND

EXISTING FURNITURE OR EQUIPMENT
NEW FURNITURE, NOT IN CONTRACT

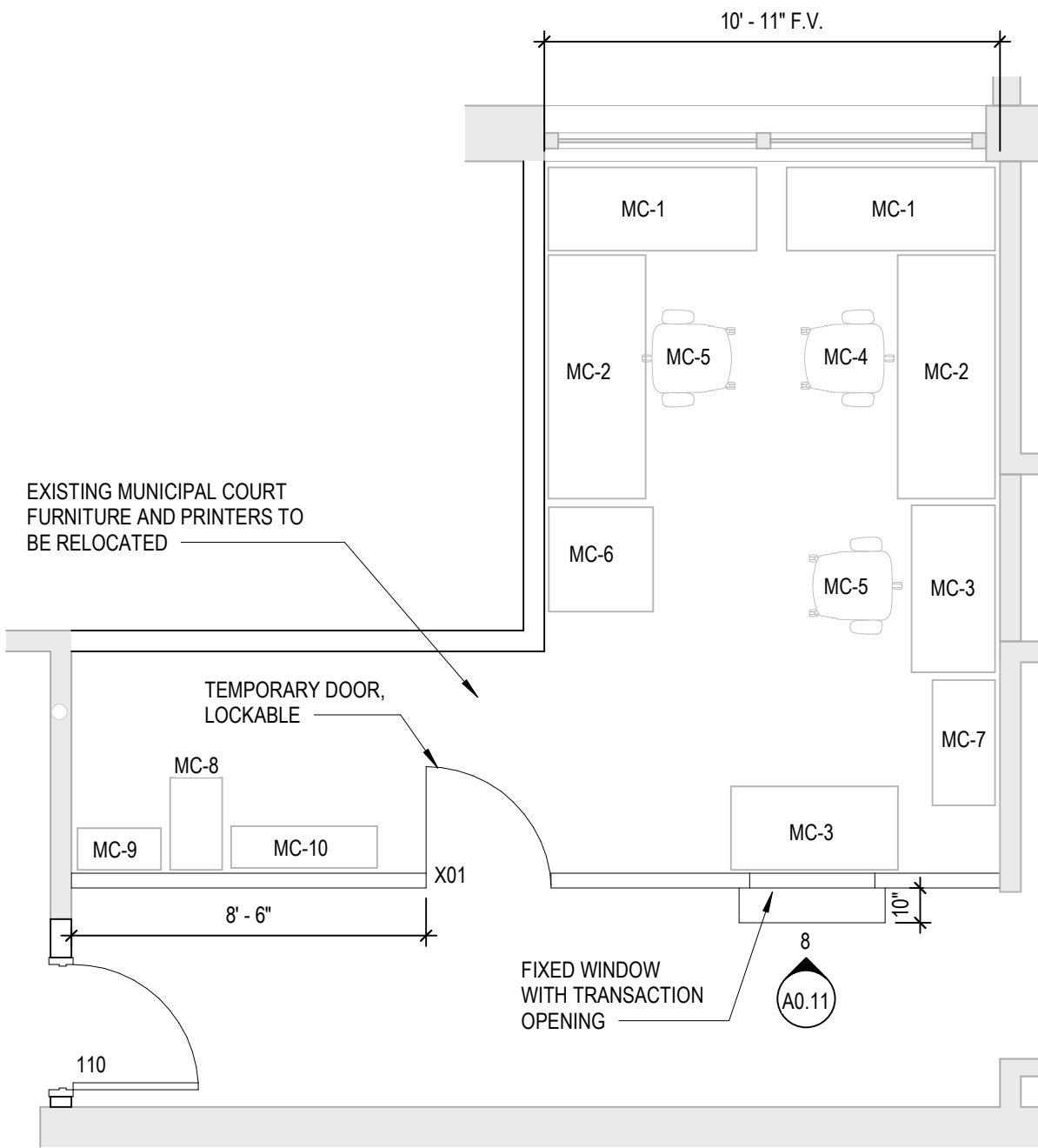
PHASING LEGEND

UNDER CONSTRUCTION
CONSTRUCTION COMPLETED; PROTECT ALL COMPLETED WORK DURING SUBSEQUENT PHASES



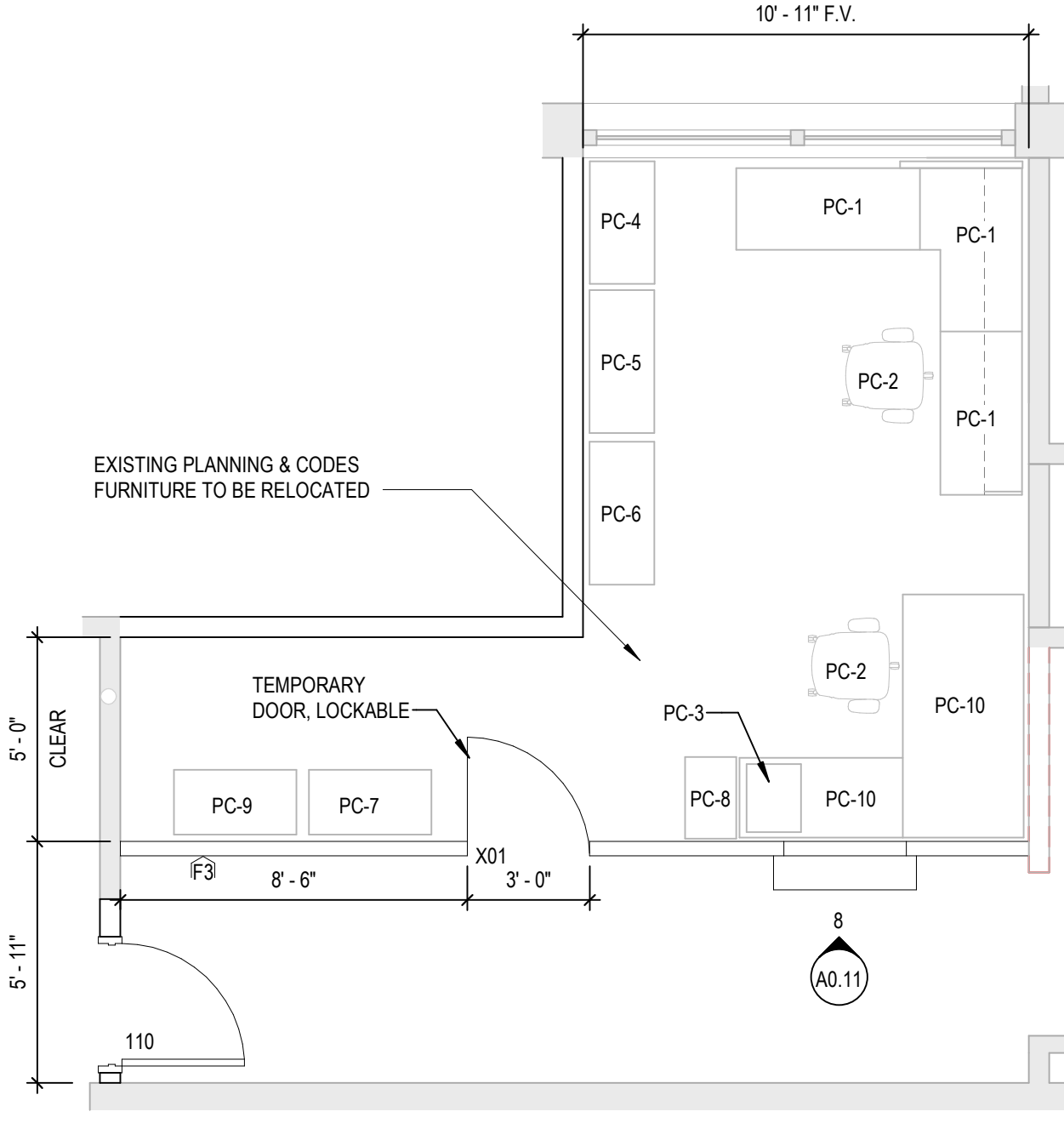
8 TEMP OFFICE - TRANSACTION WINDOW

SCALE: 1/4" = 1'-0"



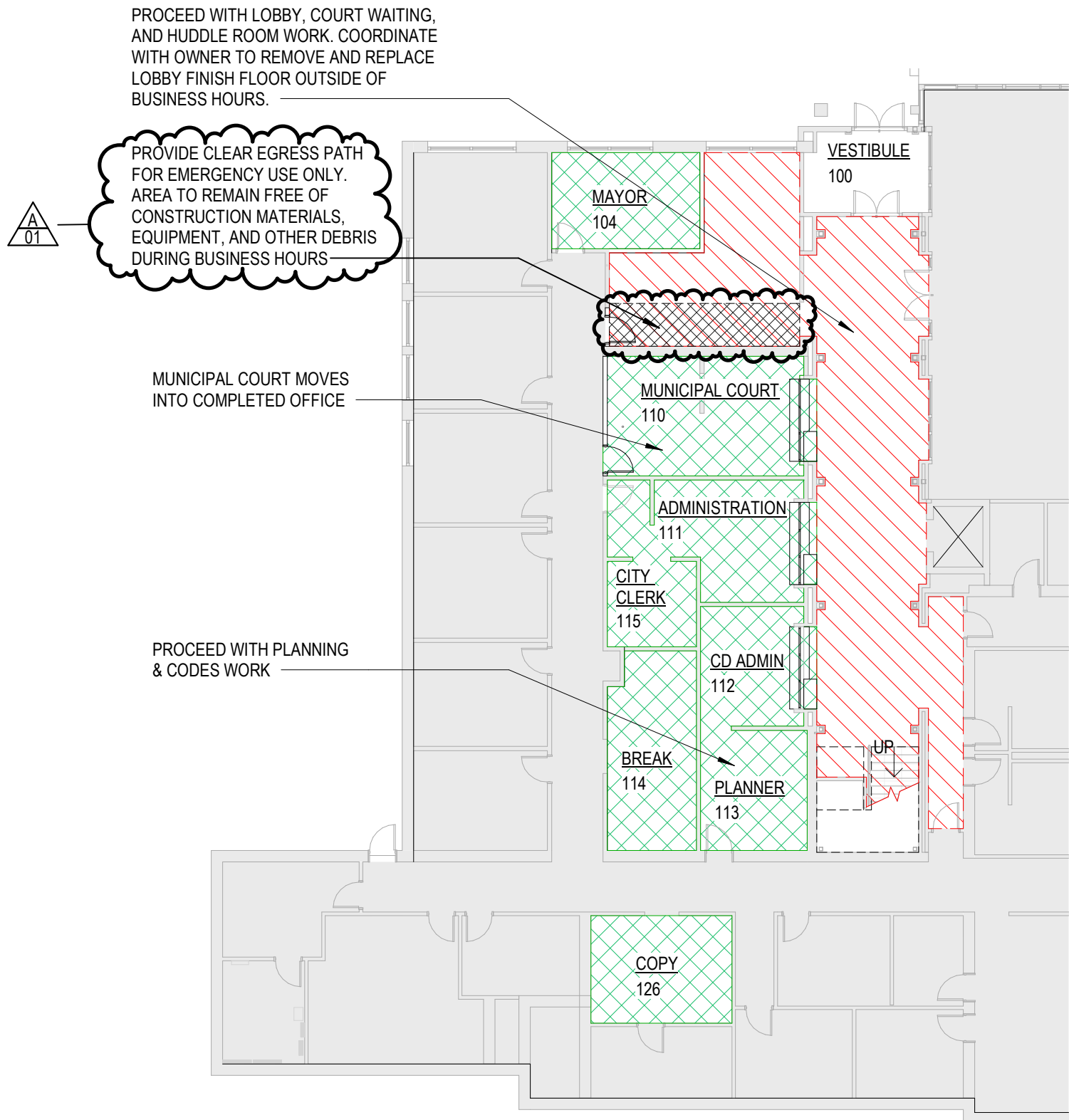
5 TEMP OFFICE PLAN - MUNICIPAL COURT

SCALE: 1/4" = 1'-0"



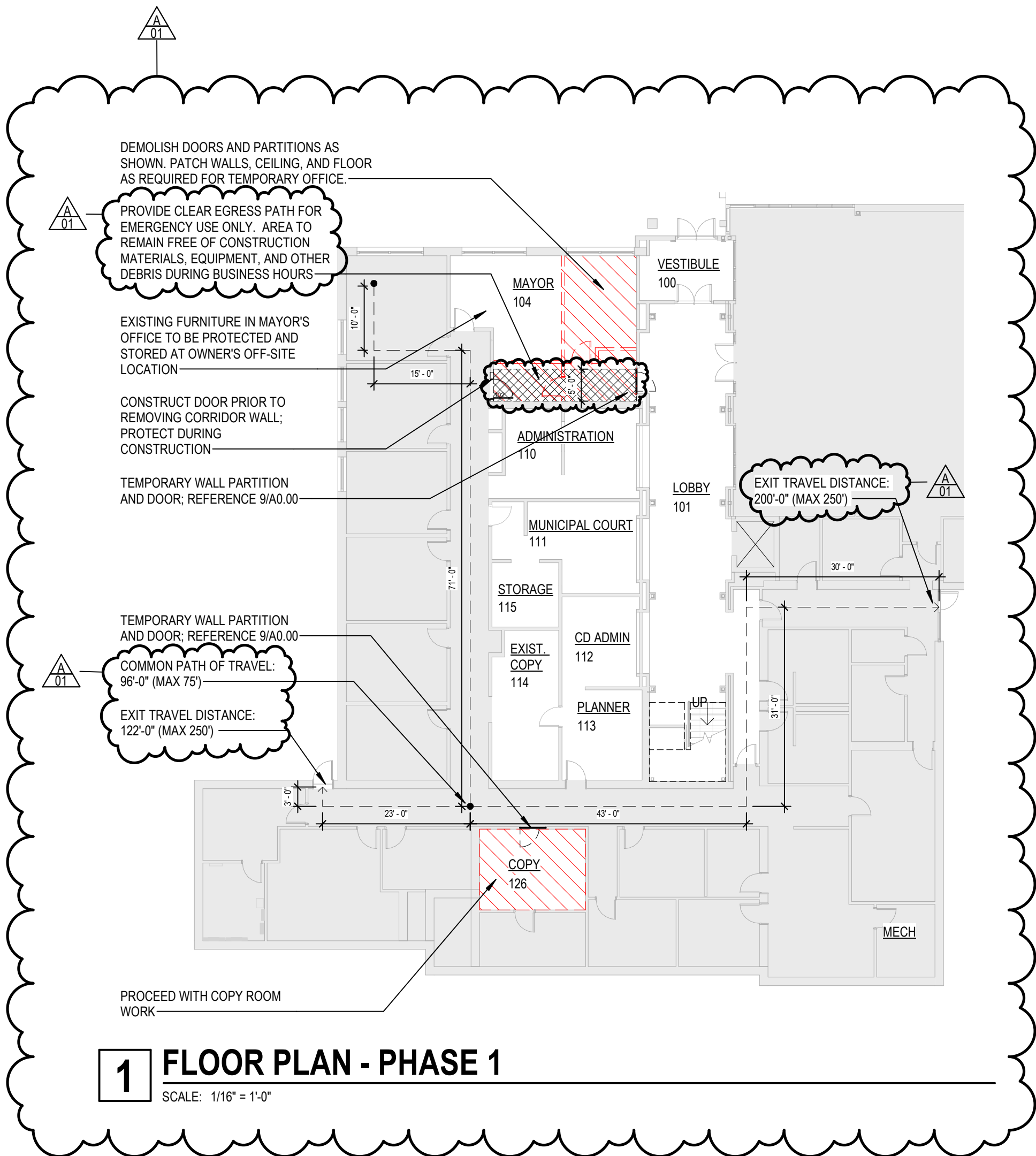
6 TEMP OFFICE PLAN - PLANNING & CODES

SCALE: 1/4" = 1'-0"



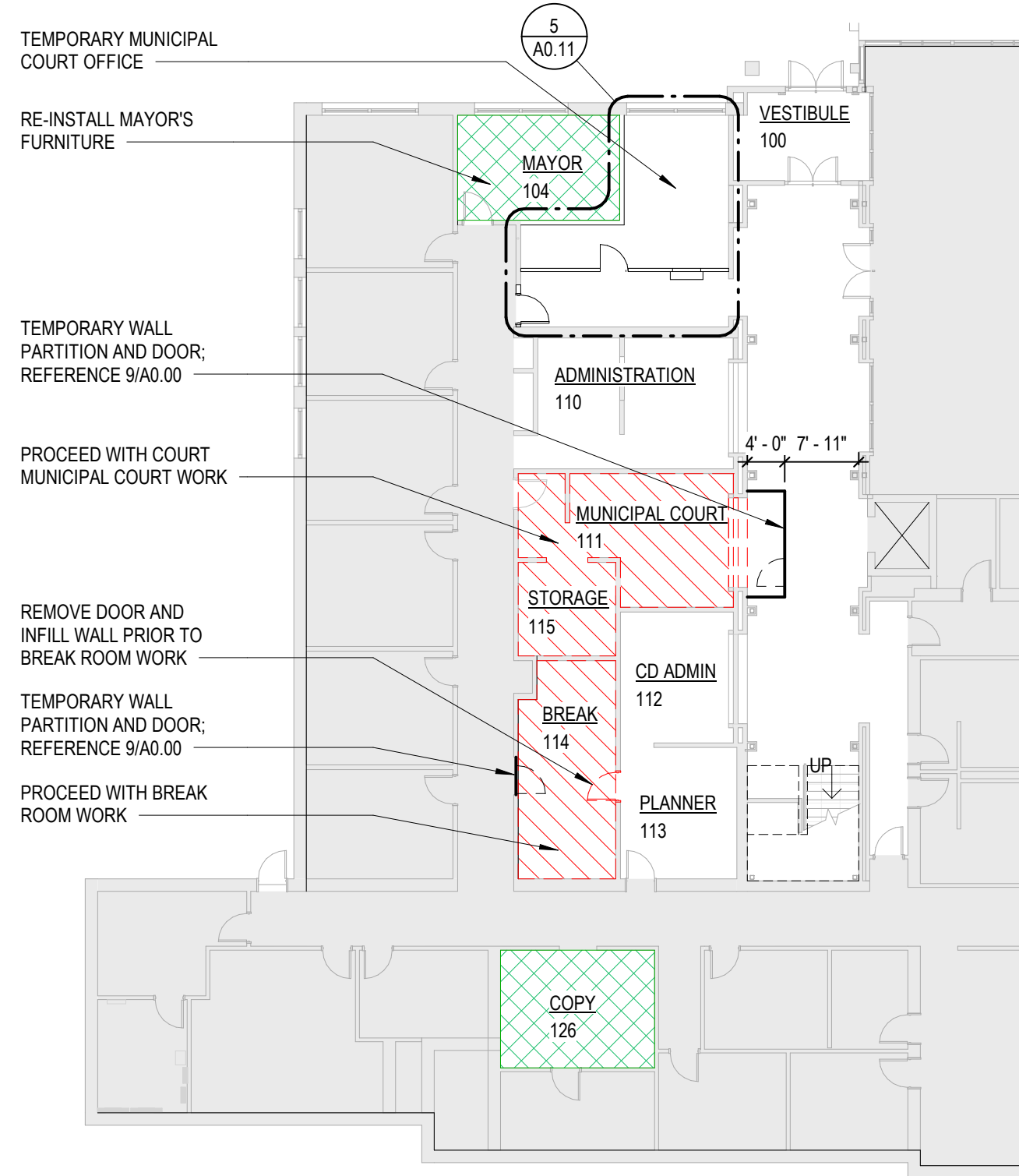
7 FLOOR PLAN - PHASE 5

SCALE: 1/16" = 1'-0"



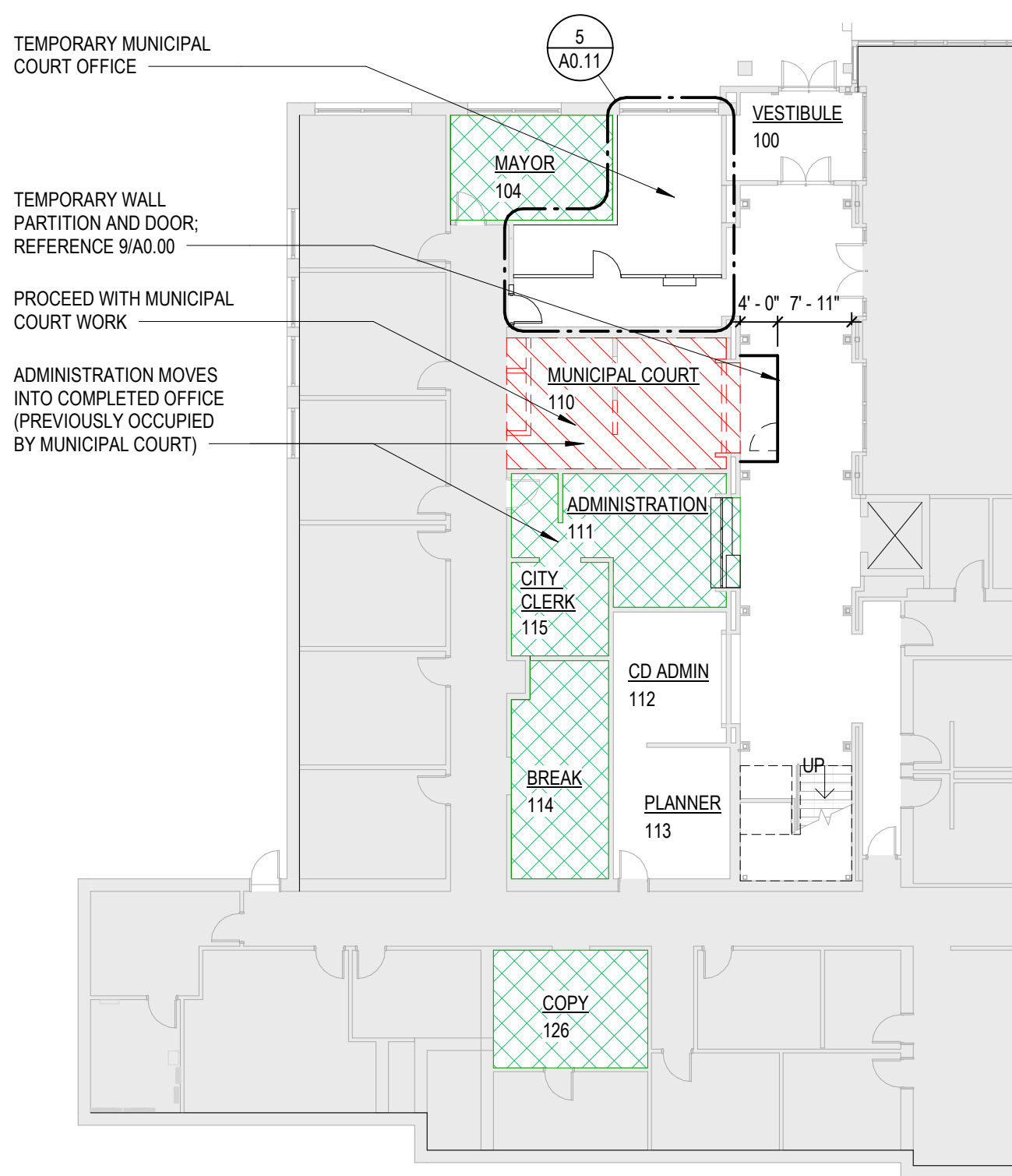
1 FLOOR PLAN - PHASE 1

SCALE: 1/16" = 1'-0"



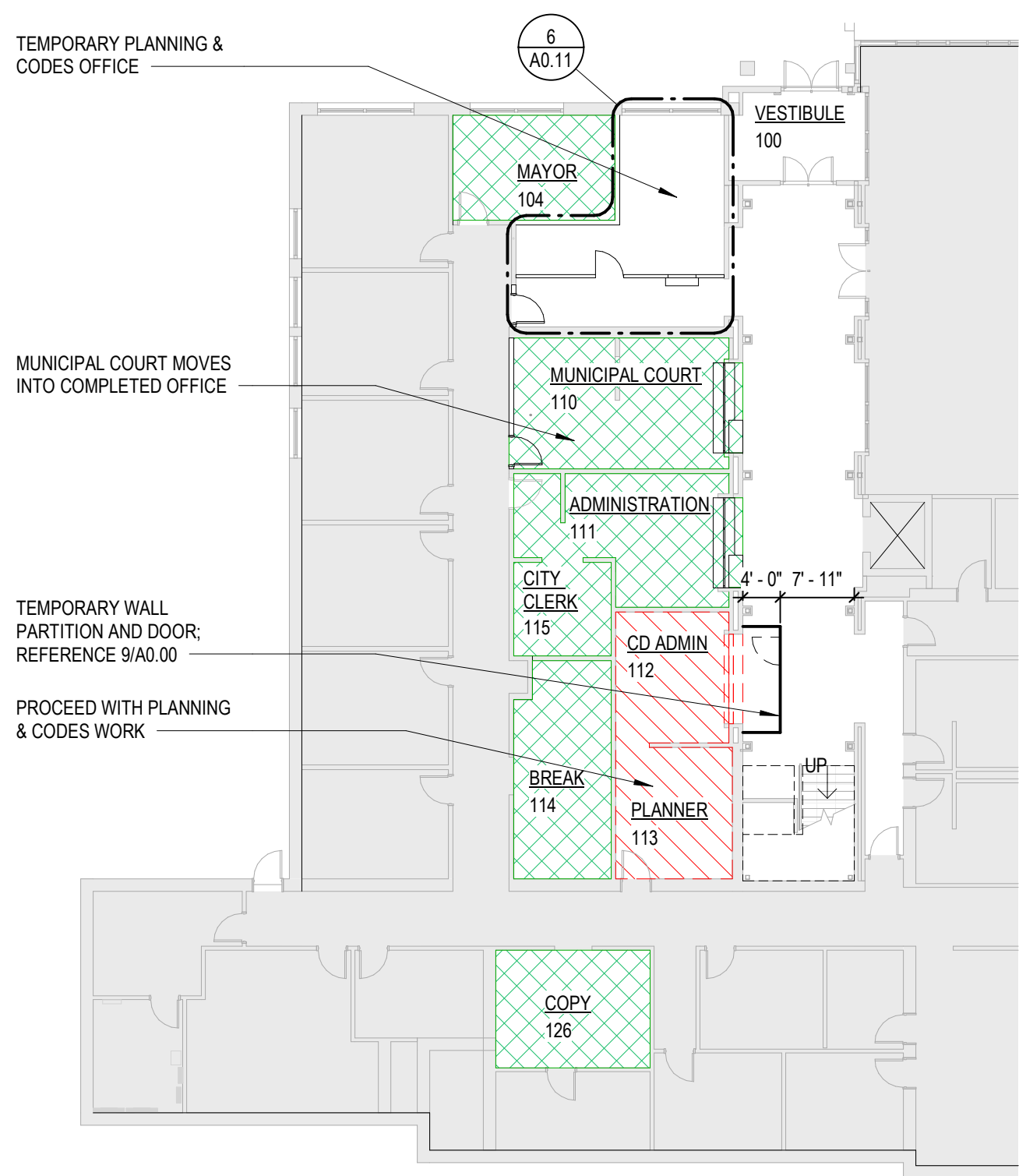
2 FLOOR PLAN - PHASE 2

SCALE: 1/16" = 1'-0"



3 FLOOR PLAN - PHASE 3

SCALE: 1/16" = 1'-0"



4 FLOOR PLAN - PHASE 4

SCALE: 1/16" = 1'-0"



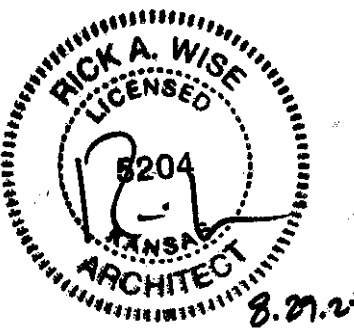
SHEET HISTORY:
A-01 08/29/25 ADDENDUM #1

Bid Documents

Merriam City Hall –
Phase 2 Interior
Renovation

9001 W 62nd St.
Merriam, KS 66202

CE No.: 265-005-24
08/06/25

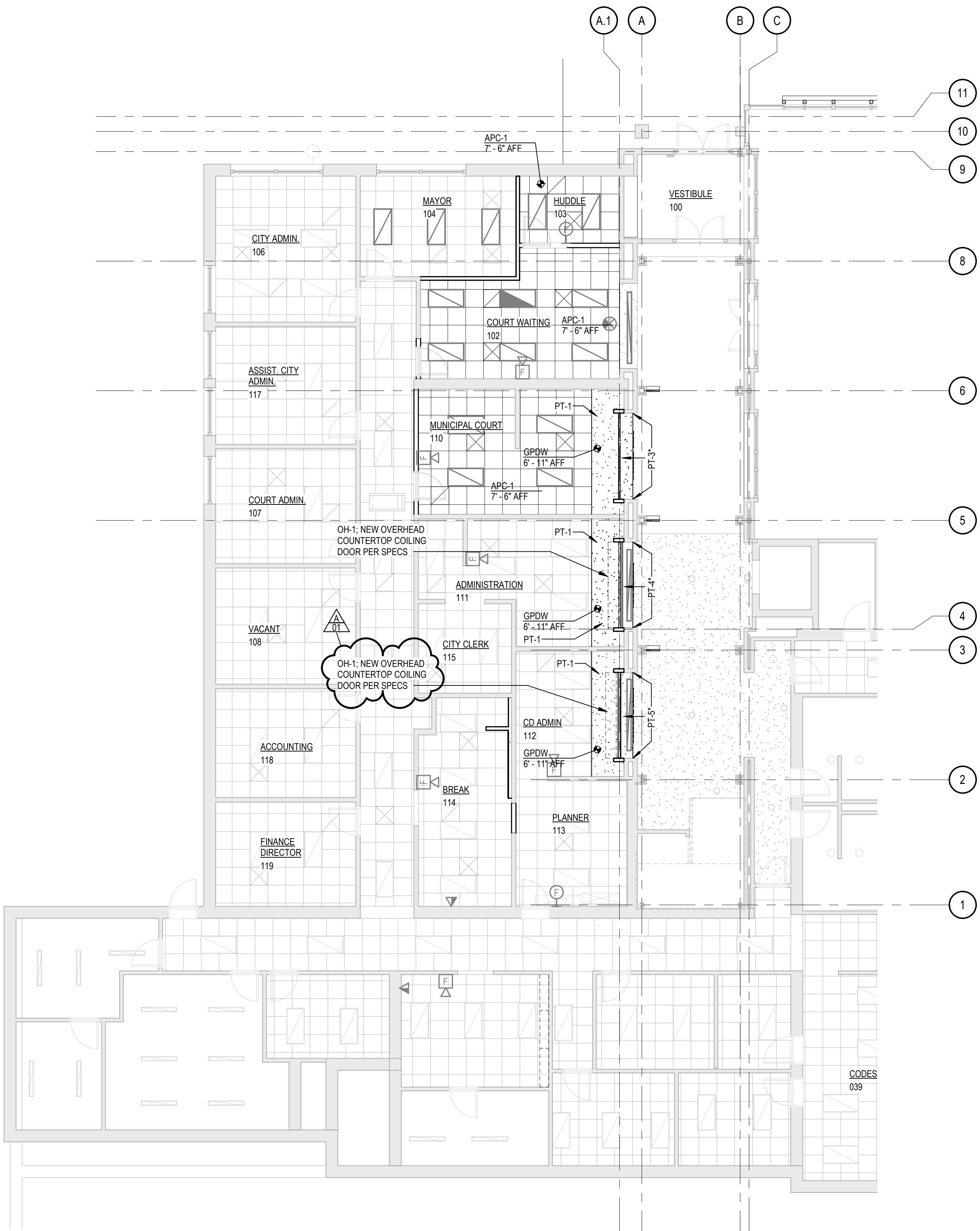


Phasing Plans

A0.11

Plot Time Stamp: 8/29/2025 12:01:03 PM
File Location/Name: Autocad Doc/765-005-24 Merriam City Hall Phase 2 Interior/765-005-24 MCHR_A1.11.rvt

1 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



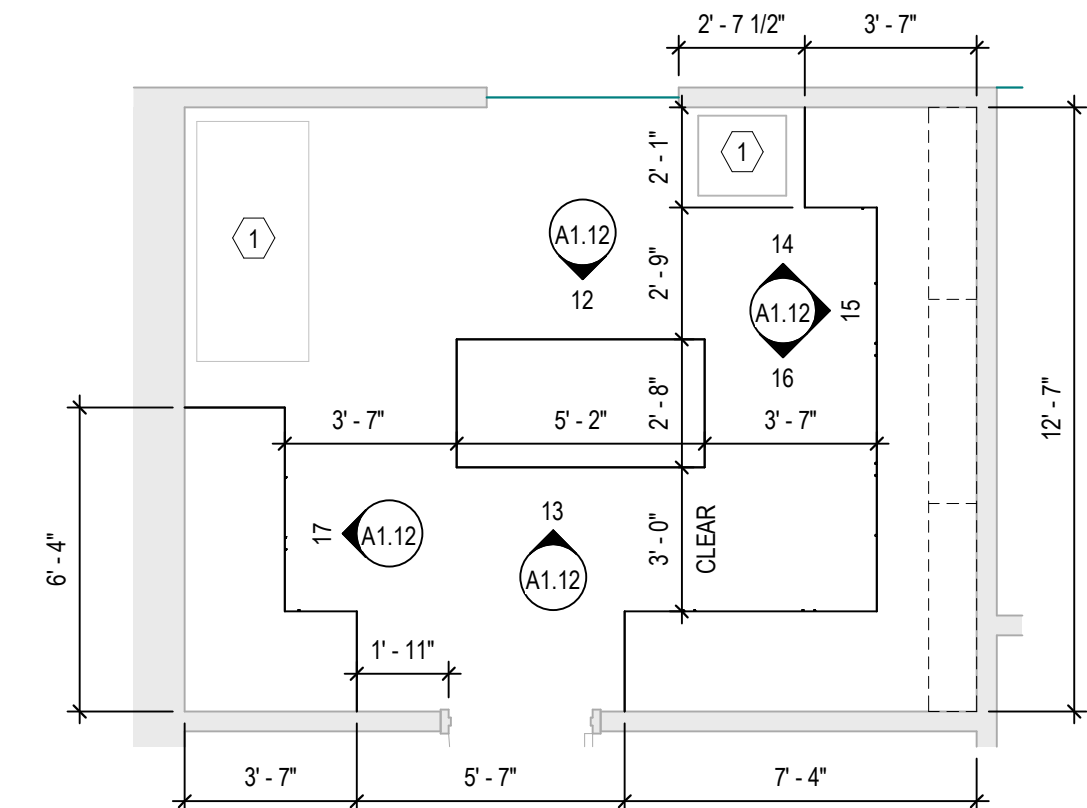
2 FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



GENERAL NOTES

- DIMENSIONS ON THIS SHEET ARE TO GRIDLINES, FACE OF MASONRY, FACE OF CONCRETE, AND FACE OF METAL PANEL.
- ENTIRETY OF LOWER LEVEL PLAN SHOWN FOR REFERENCE ONLY - SEE ENLARGED PLAN FOR AREAS OF WORK.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS PRIOR TO COMMENCEMENT OF THE WORK. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE INSTALLATION OF NEW WORK WITHIN THESE EXISTING CONDITIONS. ANY DEVIATIONS IN EXISTING CONDITIONS OR DIMENSIONS INDICATED SHALL BE COORDINATED WITH THE ARCHITECT AND OWNER.
- GENERAL CONTRACTOR SHALL COORDINATE REPAINTING OF WALLS BETWEEN SUBCONTRACTORS AFTER EXISTING FIXTURES ARE SCHEDULED TO BE REMOVED AND PRIOR TO FIXTURES BEING REINSTALLED. REFER TO ELECTRICAL PLANS.
- THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ALL SALVAGEABLE ITEMS.
- PROTECT ITEMS NOT BEING REMOVED FROM DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BIDDING TO DETERMINE THE TOTAL QUANTITIES AND SCOPE OF WORK THAT IS TO OCCUR AND COORDINATE ANY DISCREPANCIES WITH THE ARCHITECT.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE THE INSTALLATION OF NEW WORK WITHIN EXISTING CONDITIONS.
- ALL MATERIALS REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFICALLY DESIGNATED TO REMAIN THE PROPERTY OF THE OWNER.
- COORDINATE ALL DEMOLITION WORK BETWEEN TRADES.
- CONTRACTOR SHALL NOTIFY THE ARCHITECT IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING WITH DEMOLITION ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING MATERIALS TO REMAIN RESULTING FROM WORK UNDER THIS CONTRACT, AND SHALL RESTORE SUCH DAMAGE TO ITS ORIGINAL CONDITION.
- BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL CONFER WITH THE OWNER AND/OR BUILDING USERS TO SCHEDULE DISRUPTION OF DAILY ACTIVITIES.
- ALL PRODUCTS AND EQUIPMENT SHALL BE KEPT CLEAN AND SAFE. DISPOSE OF DEBRIS DAILY AND CLEAN AREAS OF WORK UPON COMPLETION.

3 ENLARGED PLAN - COPY ROOM
SCALE: 1/4" = 1'-0"



KEYNOTES

- EXISTING FLOOR STANDING PRINTER RELOCATED FROM ROOM 114
- WALL SHELVING, REFERENCE 22/A1.12

FFE LEGEND

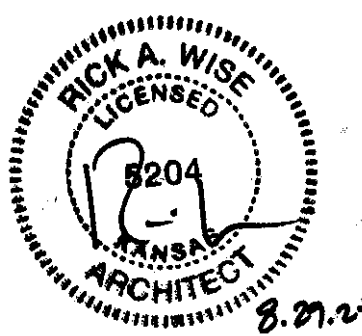
- EXISTING FURNITURE OR EQUIPMENT
- NEW FURNITURE, NOT IN CONTRACT

Bid Documents

Merriam City Hall –
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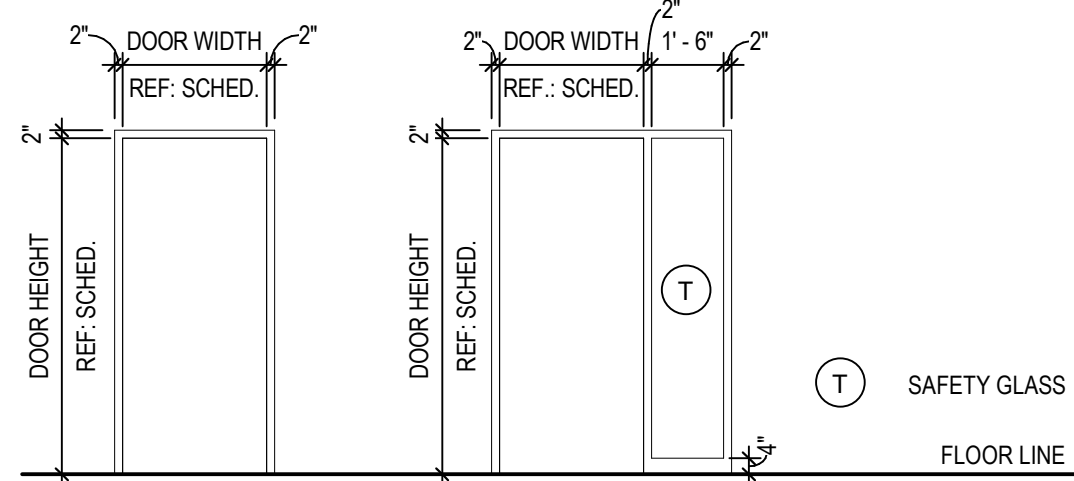
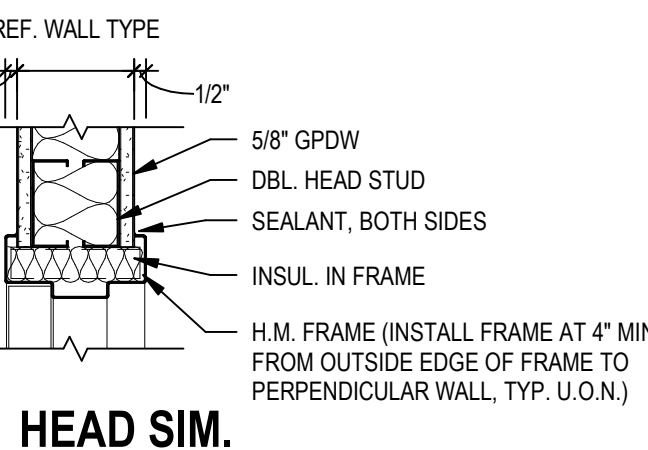
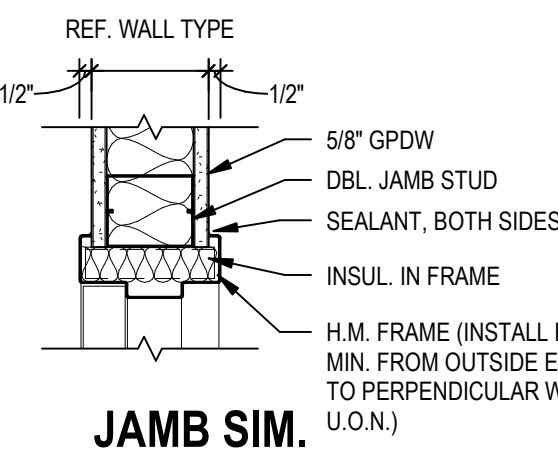


First Floor Plan &
Reflected Ceiling Plan

A1.11

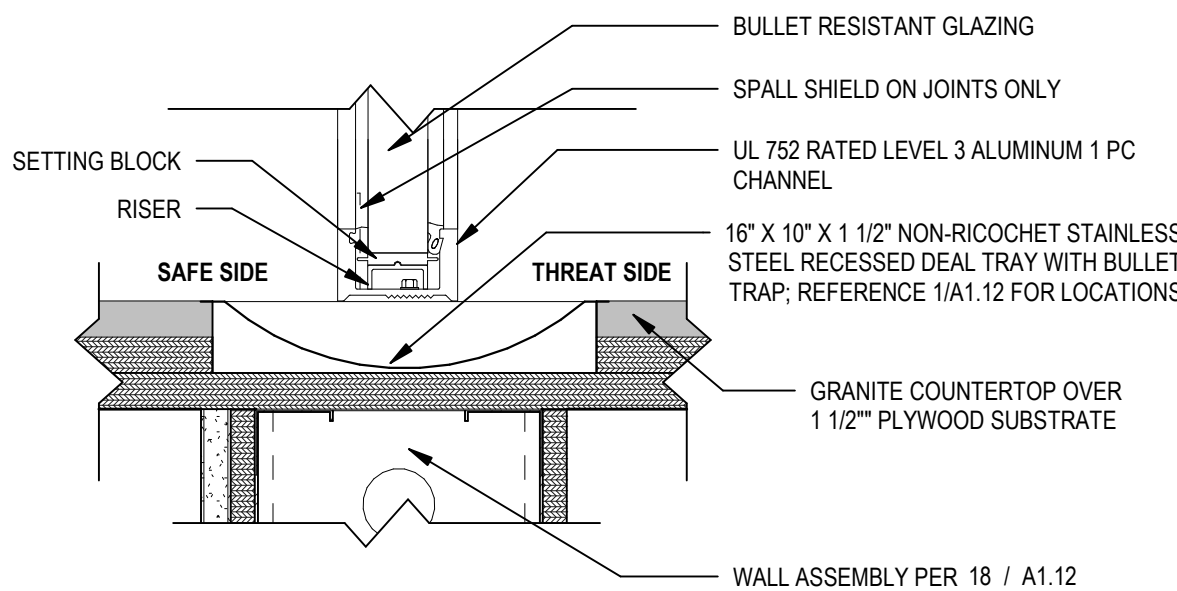
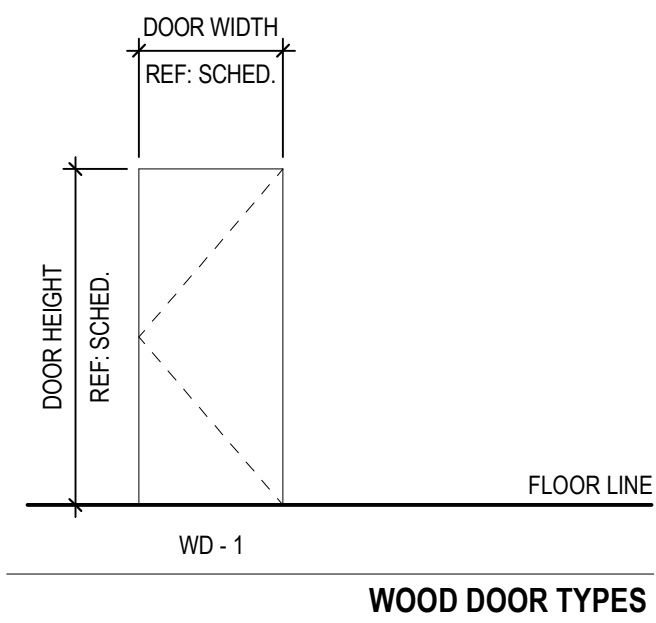
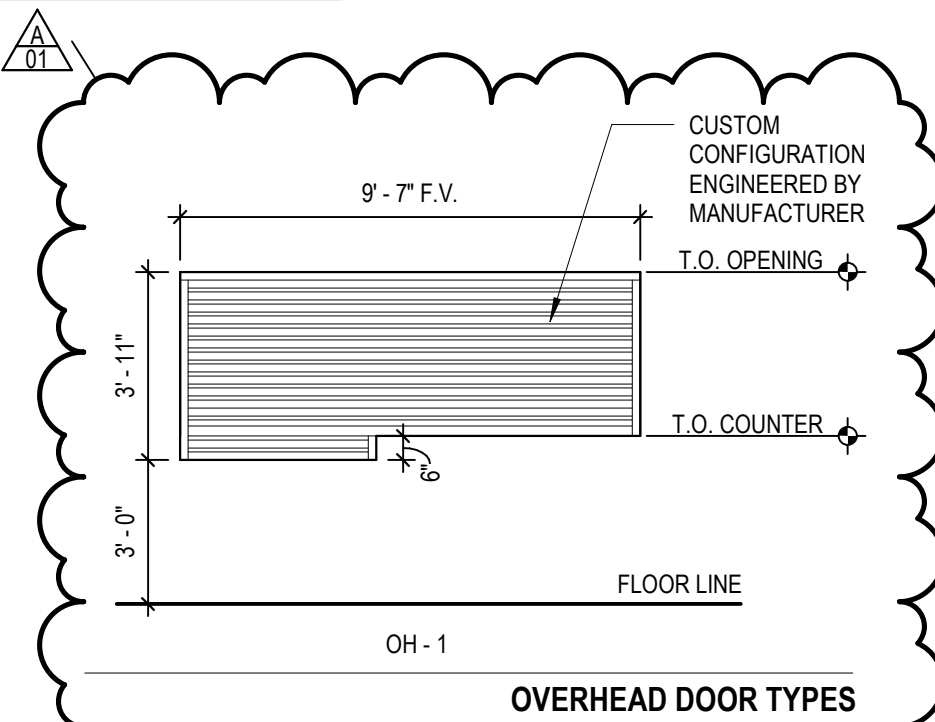
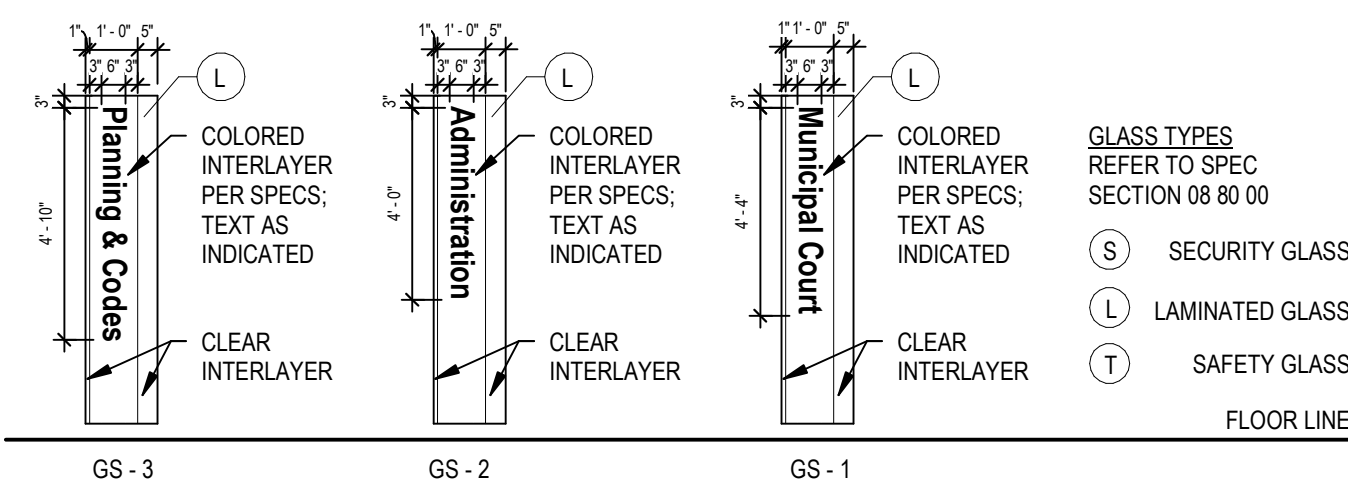
DOOR SCHEDULE

DOOR NO.	PAR WIDTH	DOOR				FRAME					FIRE RATING	ADA OPERATOR	DELAYED EGRESS	HOLD OPEN	MAGNETIC LOCK	SOUND SEALS	HARDWARE	REMARKS
		WIDTH	HEIGHT	TYPE	FINISH	TYPE	FINISH	HEAD	JAMB	SILL								
102	3'-0"	7'-0"	HMD-1	STN	HMF-1	PT-1	12/A6.40	12/A6.40										
103	3'-0"	7'-0"	WD-1	STN	HMF-2	PT-1	12/A6.40	12/A6.40				X						
110	3'-0"	7'-0"	HMD-1	STN	HMF-1	PT-1	12/A6.40	12/A6.40										



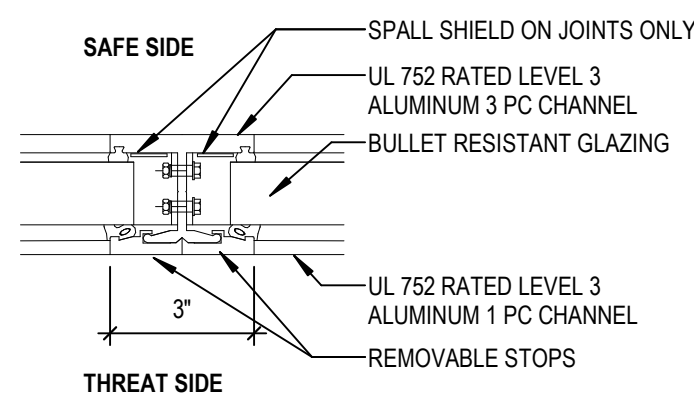
12 DOOR DETAIL @ METAL STUD

SCALE: 1 1/2" = 1'-0"



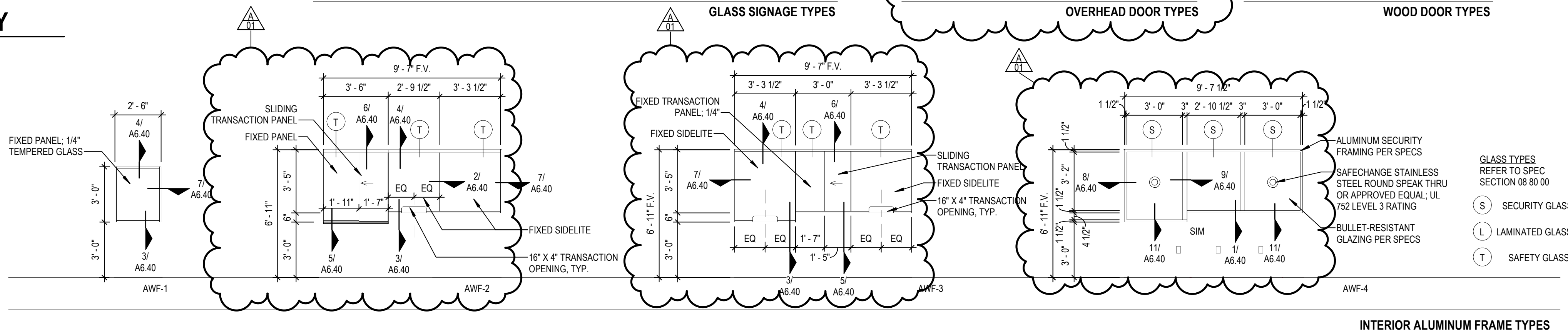
11 SILL @ SECURITY GLAZING W/ TRAY

SCALE: 3" = 1'-0"



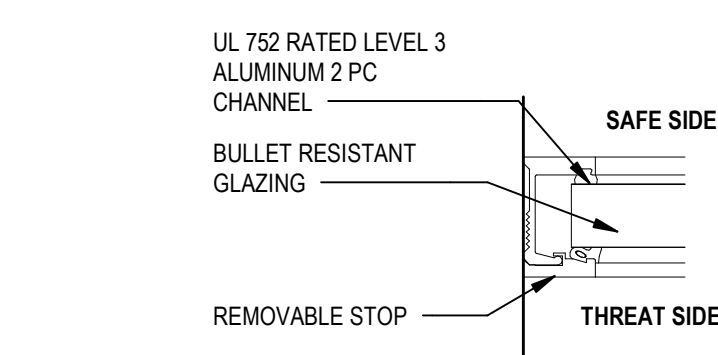
9 JOINT @ SECURITY GLAZING

SCALE: 3" = 1'-0"



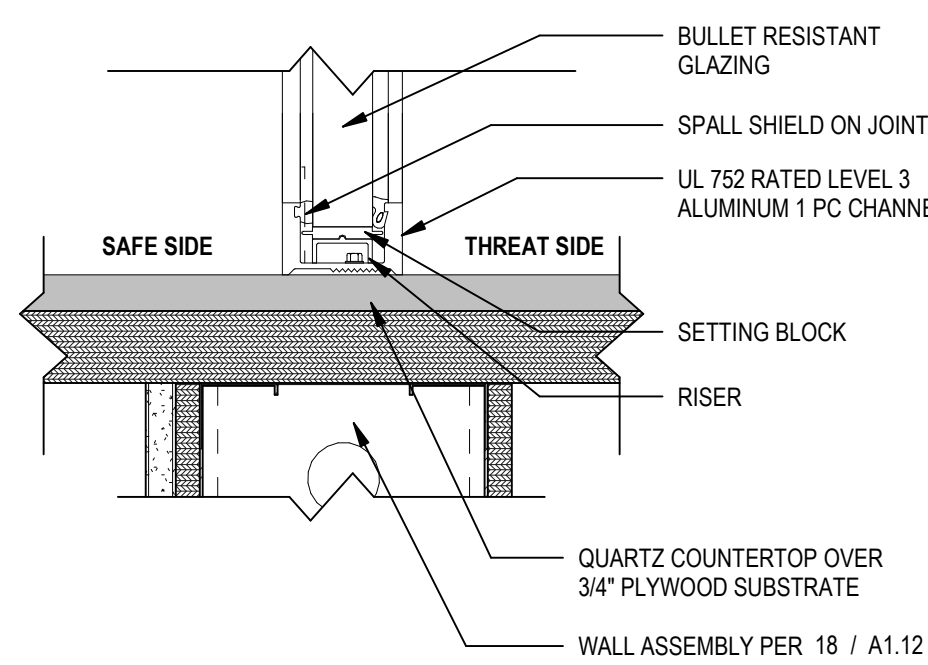
10 JAMB @ OH COILING DOOR

SCALE: 1 1/2" = 1'-0"



8 JAMB @ SECURITY GLAZING

SCALE: 3" = 1'-0"

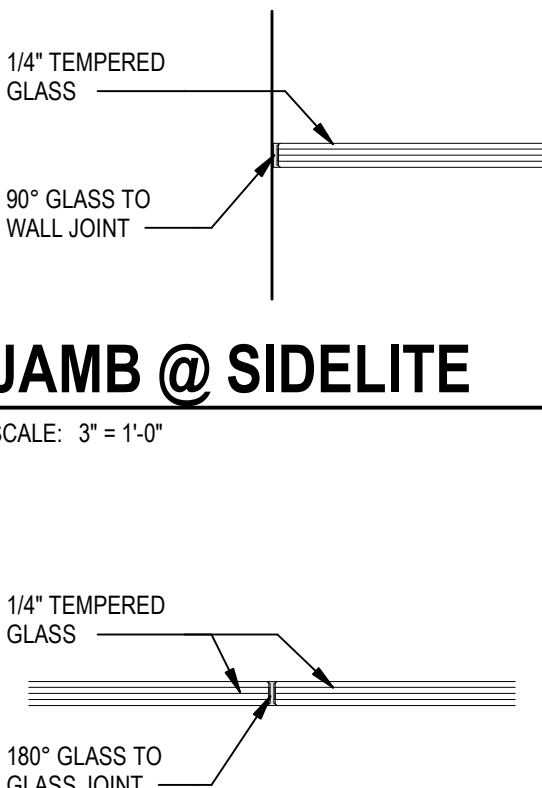


1 SILL @ SECURITY GLAZING

SCALE: 3" = 1'-0"

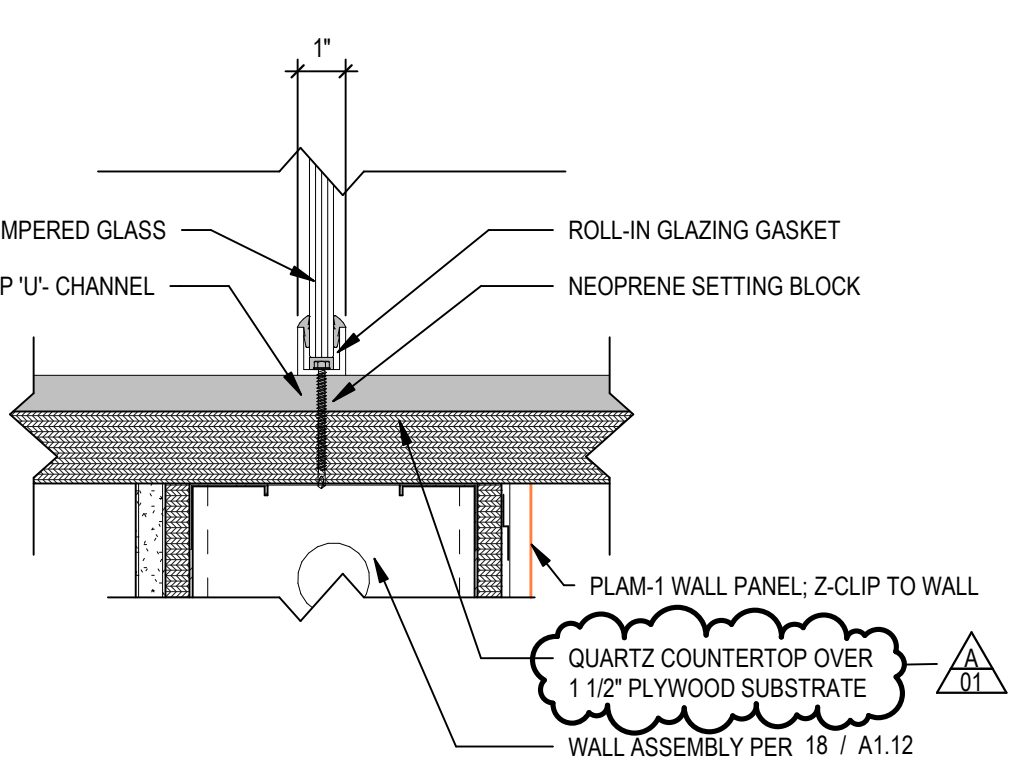
7 JAMB @ SIDELITE

SCALE: 3" = 1'-0"



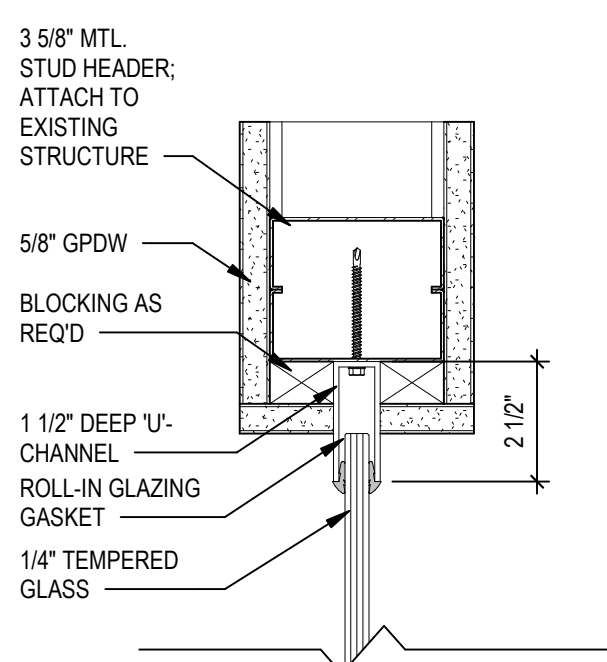
3 SILL @ SIDELITE

SCALE: 3" = 1'-0"



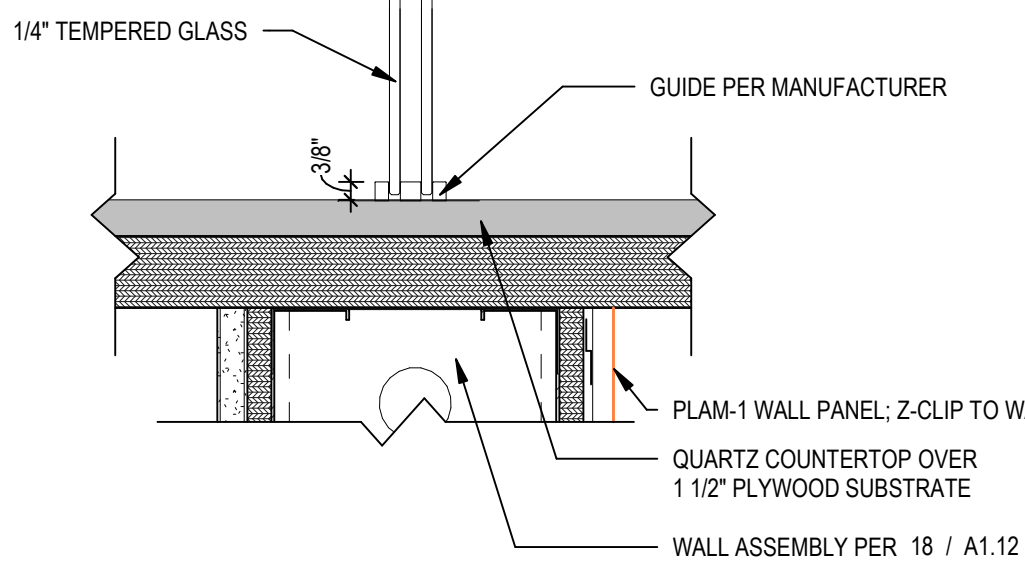
4 HEAD @ SIDELITE

SCALE: 3" = 1'-0"



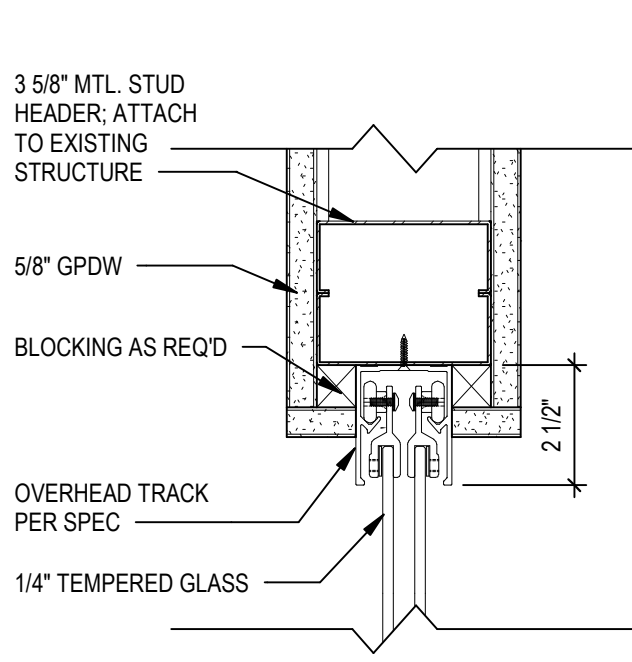
5 SILL @ SLIDER

SCALE: 3" = 1'-0"



6 HEAD @ SLIDER

SCALE: 3" = 1'-0"



A-01 08/29/25 ADDENDUM #1

SHEET HISTORY:

Bid Documents

Merriam City Hall – Phase 2 Interior Renovation

9001 W 62nd St.
Merriam, KS 66202

CE No.: 265-005-24
08/06/25

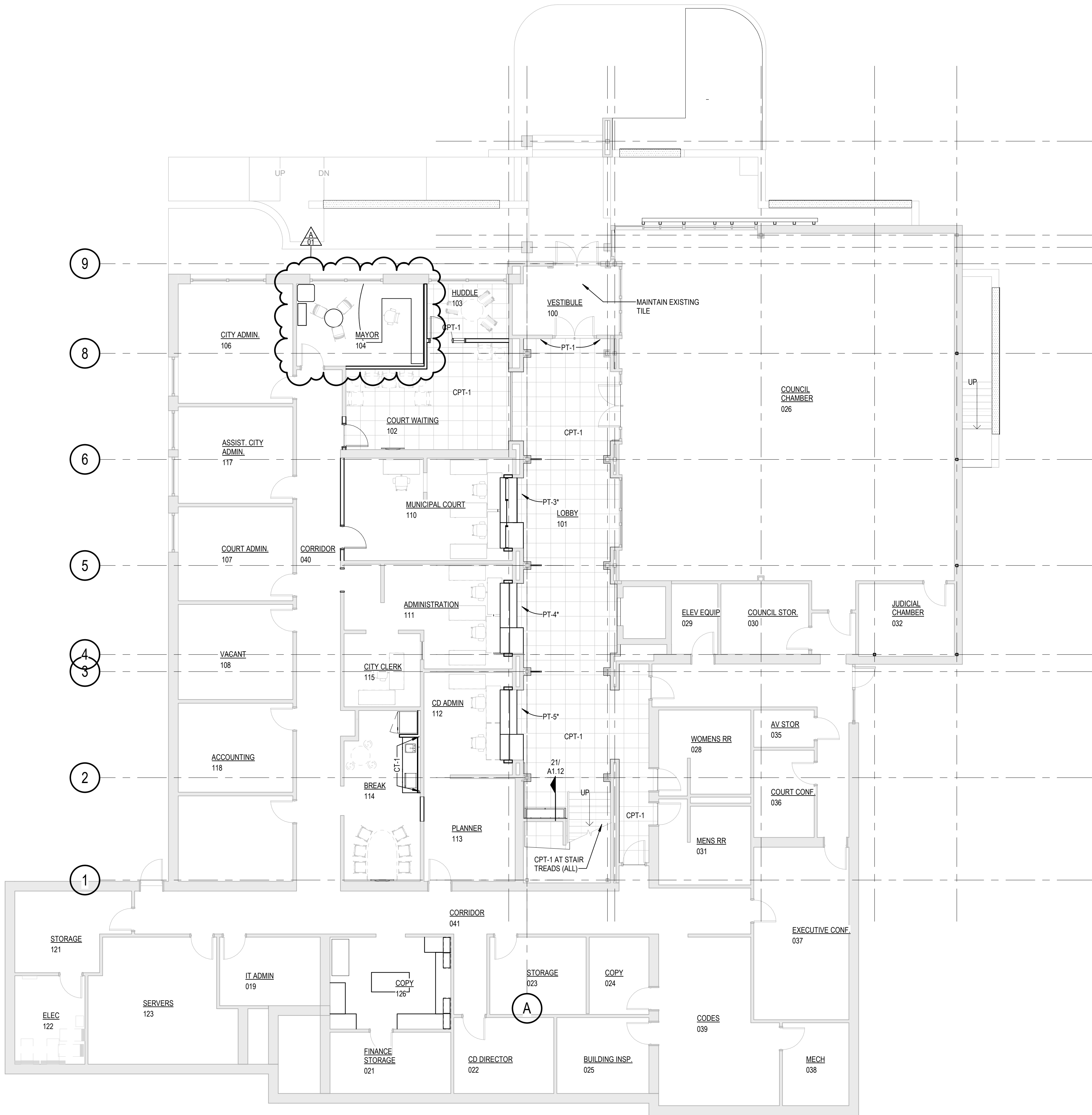


Door Schedule, Door Types, Frame Types

A6.40

Plot Time Stamp: 8/29/2025 12:01:21 PM
File Location/Name: Autodesk Doc/765-005-24 Merriam City Hall Phase 2 Interior/765-005-24 MCHR A25.rvt

1  **FIRST FLOOR FINISH PLAN**
SCALE: 1/8" = 1'-0"

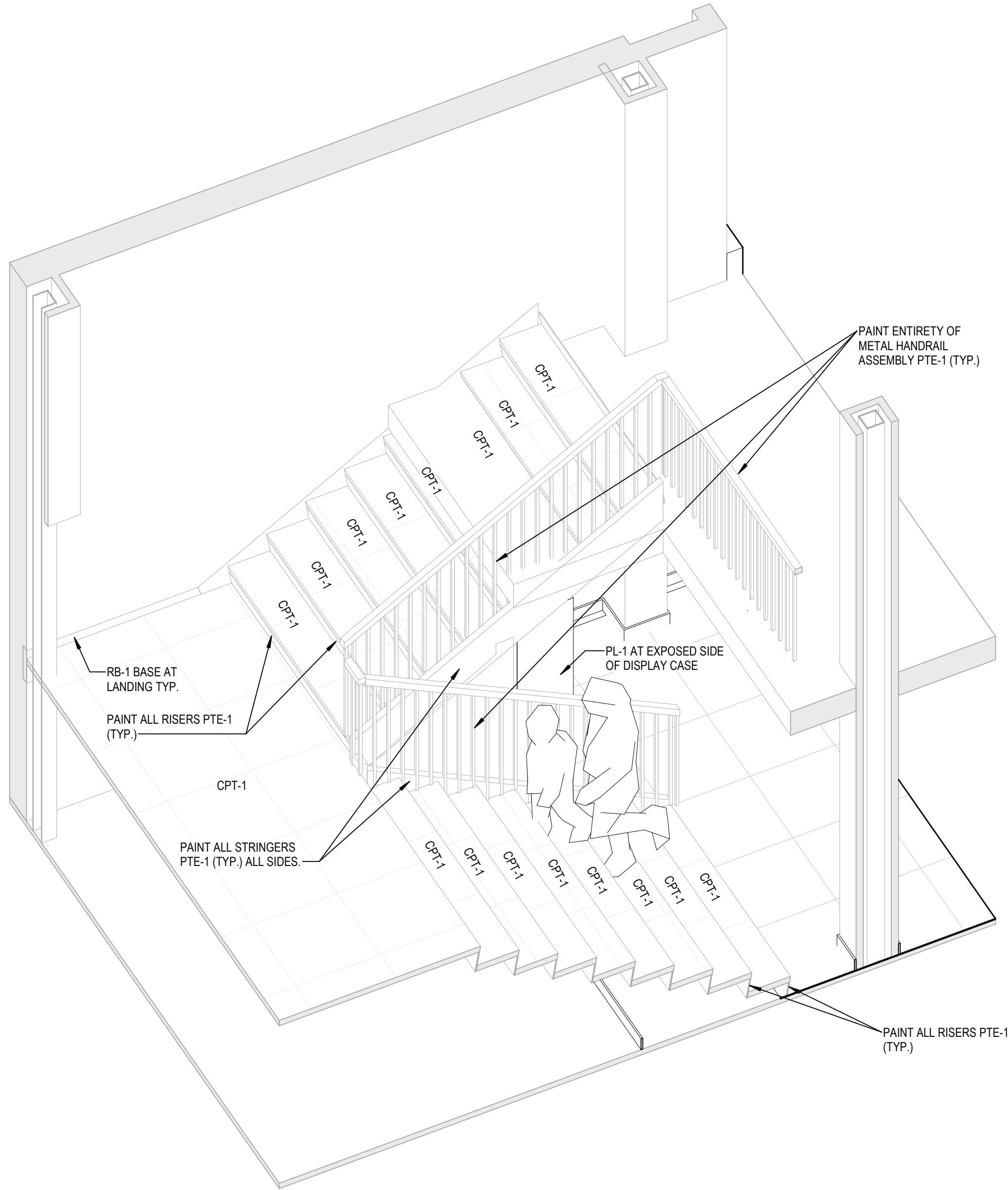


ROOM FINISH SCHEDULE (PER SCOPE)

ROOM NO.	ROOM NAME	FLOOR FIN.	BASE	NORTH WALL FIN.	EAST WALL FIN.	SOUTH WALL FIN.	WEST WALL FIN.	REMARK NO.
040	CORRIDOR	--	--	--	PT-1	--	--	2,3
101	LOBBY	CPT-1	RB-1	PT-1, PT-2	PT-1, PT-2	PT-1, PT-2	PT-1, PT-2	1,3
102	COURT WAITING	CPT-1	RB-1	PT-1, PT-4	PT-1	PT-4	PT-1	3
103	Huddle	CPT-1	RB-1	PT-1	AWP-1	PT-1	PT-1	3
104	MAYOR	--	RB-1	PT-1	PT-1	PT-1	PT-1	3
110	MUNICIPAL COURT	--	--	PT-1	PT-1	PT-1	PT-1	3
111	ADMINISTRATION	--	--	--	PT-1	--	--	3
112	CD ADMIN	--	--	PT-1	PT-1	PT-1	PT-1	3
113	PLANNER	--	--	--	--	PT-1	PT-1	3
114	BREAK	--	--	PT-1	CT-1, PT-1	PT-1	PT-1	3

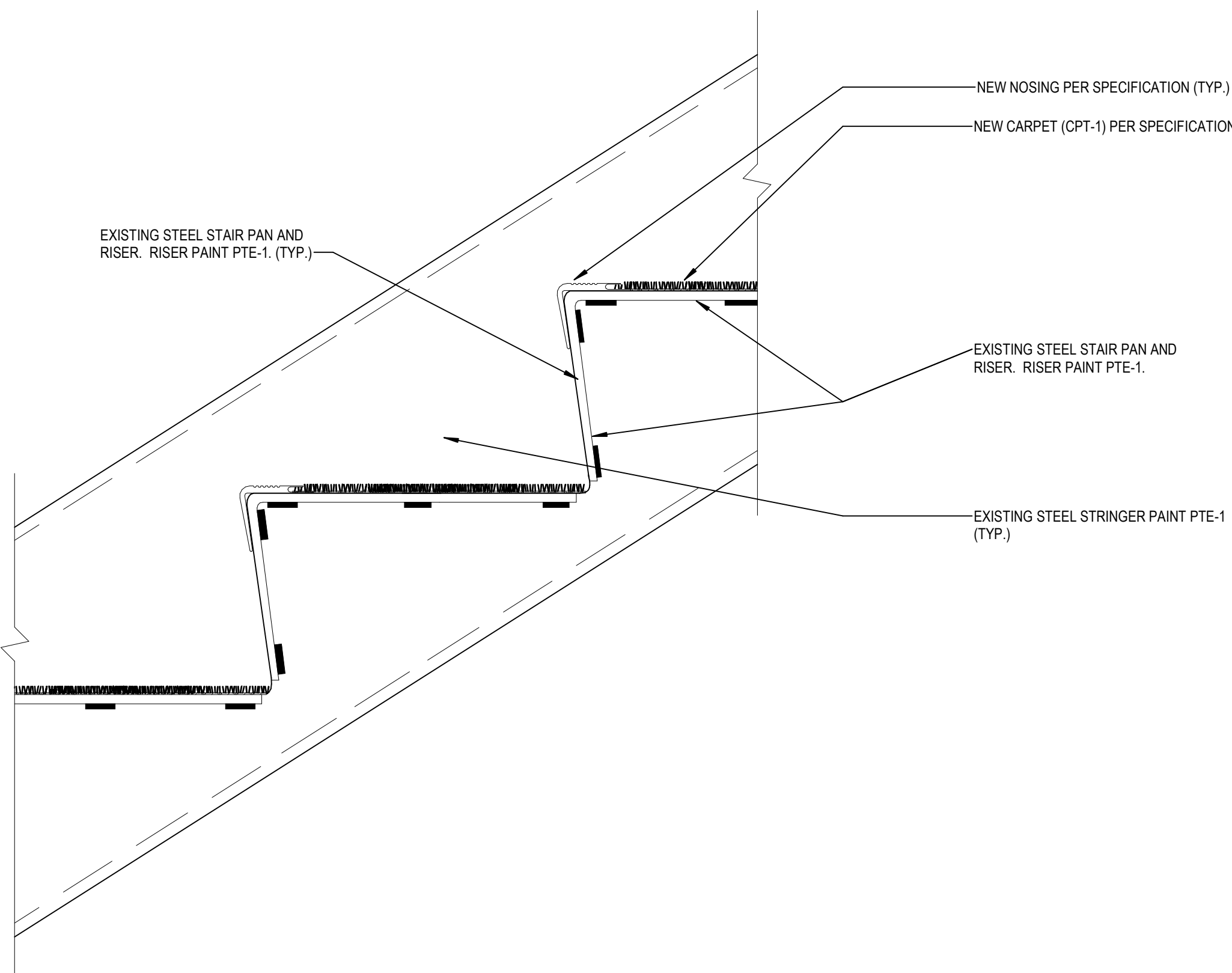
ROOM FINISH SCHEDULE REMARKS

NO.	REMARK
1	SEE RCP FOR SPECIAL PAINT COLOR NEEDS (PT-X) AT SIGNAGE AREA
2	REPAINT ONLY AT NEW CONSTRUCTION. MATCH EXISTING.
3	DUE TO VARIOUS PHASES AND WORK BEING PERFORMED THROUGHOUT, MINOR PAINT/FINISHES TOUCHUP MAY BE REQUIRED.



3 **STAIR CARPET SCOPE**

SCALE:



2 **STAIR SECTION DETAIL**

SCALE: 3/8" = 1'-0"

FINISH MATERIALS LEGEND

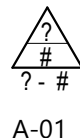
CARPET		
CPT-1	MANUFACTURER:	MATCH EXISTING
	PRODUCT:	SHAW - DIFFUSE STRATAWORK #5419
	SIZE:	24" X 24"
	COLORWAY:	FLUTTER #75761
	INST.	SEE DRAWINGS
CERAMIC WALL TILE		
CT-1	MANUFACTURER:	DALTILE
	PRODUCT:	COLOR WHEEL LINEAR
	SIZE:	4" X 8"
	COLORWAY:	0790 MATTE ARCTIC WHITE
	INST.	HORIZONTAL - SEE DRAWINGS
PAINT		
PT-1/ PT-1	MANUFACTURER:	(MATCH EXISTING - WHITE)
	HUE:	SW 6147 PANDA WHITE
	FINISH:	EGGSHELL
	APPLICATION:	SEE DRAWINGS
PT-2	MANUFACTURER:	(MATCH EXISTING - GREY)
	HUE:	BM #2137-50 SEA HAZE
	FINISH:	EGGSHELL
	APPLICATION:	SEE DRAWINGS
PT-3	MANUFACTURER:	SEE SPECIFICATION
	HUE:	"CYAN" 0-174-239 RGB
	FINISH:	EGGSHELL
	APPLICATION:	SEE DRAWINGS - USE AT BULKHEAD ONLY*
PT-4	MANUFACTURER:	SEE SPECIFICATION
	HUE:	"MERRIAM YELLOW" 255-196-37 RGB
	FINISH:	EGGSHELL
	APPLICATION:	SEE DRAWINGS - USE AT BULKHEAD ONLY*
PT-5	MANUFACTURER:	SEE SPECIFICATION
	HUE:	"MERRIAM LIGHT GREEN" 178-210-53
	FINISH:	EGGSHELL
	APPLICATION:	SEE DRAWINGS - USE AT BULKHEAD ONLY*
RESILIENT BASE		
RB-1	MANUFACTURER:	MATCH EXISTING
	PRODUCT:	--
	COLORWAY:	CHARCOAL
	NOTE:	--
SOLID SURFACE		
SS-1	MANUFACTURER:	MSI
	PRODUCT:	QUARTZ SURFACING
	COLORWAY:	BAYSIDE SAND #QBS01
	APPLICATION:	SEE DRAWINGS
SS-2	MANUFACTURER:	DUPONT
	PRODUCT:	CORIAN
	COLORWAY:	WHISPER
	APPLICATION:	SEE DRAWINGS
PLASTIC LAMINATE		
PL-1	MANUFACTURER:	WILSONART
	PRODUCT:	EBONY RECON
	FINISH:	#12 SOFTGRAIN (*)

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A-01

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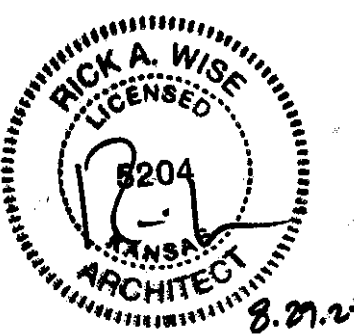
08/29/25 ADDENDUM #1

Bid Documents

**Merriam City Hall –
Phase 2 Interior
Renovation**

9001 W 62nd St.
Merriam, KS 66202

CE No.: 265-005-24
08/06/25



First Floor Finishes Plan,
Finishes Schedule,
Finishes Legend and
Details

F1.10

ADDENDUM #1

Clark & Enersen Project No.: 265-005-24

SECTION 27 00 00 – TELECOMMUNICATIONS

1. GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and Division 1 Specification sections, apply to work of this Section.
- B. Division 260000 “Basic Materials and Methods” sections apply to work specified in this Section.

1.2 DESCRIPTION OF WORK

- A. This document describes the products and execution requirements of the installation, labeling, and testing of a structured cabling system.
- B. Quantities, types of cabling, telecommunications outlets, outlet locations and routing of cabling are provided within the construction documents of the telecommunications drawings package.
- C. Route horizontal cabling through furnished pathways by others and contractor provided cable supports.
- D. Furnish cabling, faceplates, mounting brackets, telecommunications outlet/connectors as indicated on system layout drawings and this specification.

1.3 QUALITY ASSURANCE

- A. All cable and equipment shall be installed in a neat and workmanlike manner.
- B. All methods of construction that are not specifically described or indicated in the contract documents shall be subject to the control and approval of the Owner and Owner’s representatives.
- C. Equipment and materials shall be of the quality and manufacturer indicated. The equipment specified is based upon the acceptable manufacturers listed.
- D. Strictly adhere to all Category 3, Category 5E, Category 6, and Optical Fiber (BICSI and TIA) installation practices when installing all cabling.
- E. Installer shall conform in every way to the rules and requirements of the National Fire Protection Association, the local Electrical Code, detailed manufacturer’s instruction sheets, applicable codes and standards.
- F. This document does not replace any code, either partially or wholly. The contractor must be aware of all codes that impact this project.
- G. Material and work specified herein shall comply with current applicable codes and standards, including but not limited to:

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1. ADA: Americans with Disabilities Act
2. ANSI/TIA/EIA – 526: Standard Test Procedures for Fiber Optic Systems
3. ANSI/TIA/EIA – 568-C.0: Generic Communications Cabling for Customer Premises
4. ANSI/TIA/EIA – 568-C.1: Commercial Building Communications Cabling Standards, Part 1: General Requirements
5. ANSI/TIA/EIA – 568-C.2: Balanced Twisted-Pair Communications Cabling and Components Standard
6. ANSI/TIA/EIA – 568-C.3: Optical Fiber Cabling Components Standard
7. ANSI/TIA/EIA – 568-C.4: Broadband Coaxial Cabling and Components
8. ANSI/TIA/EIA – 569-C: Commercial Building Standard for Telecommunications Pathways and Spaces
9. ANSI/TIA/EIA – 606-B: Administrative Standard for Commercial Telecommunications
10. ANSI/TIA/EIA – J-STD-607: Commercial Building Grounding and Bonding Requirements for Communications.
11. ANSI/TIA/EIA – 758-A: Customer-Owned Outside Plant Communications Cabling Standard
12. ANSI/TIA/EIA – 942: Telecommunications Infrastructure Standard for Data Centers
13. ANSI/TIA/EIA – TSB67: Transmission Performance Specifications for Field Testing of Unshielded Twisted-Pair Cabling
14. ASTM: American Society for Testing and Materials
15. BICSI CO-OSP: Customer-Owned Outside-Plant Design Manual
16. BICSI ESS: Electronic Safety and Security Design Reference Manual
17. BICSI ITSIMM: BICSI Information Transport Systems Installation Methods Manual
18. BICSI NDRM: Network Design Reference Manual
19. BICSI TDMM: BICSI Telecommunications Distribution Methods Manual
20. BICSI WDRM: Wireless Design Reference Manual
21. BICSI/NECA-568
22. BICSI/NECA-607
23. FCC: Federal Communications Commission, Code of Federal Regulations
24. ICEA: Insulated Cable Engineers Association
25. IEEE-802.11 a, b, g, n: Wireless Local Area Networks
26. IEEE-802.3: 10Mb/s, 100Mb/s, 1Gb/s, and 10Gb/s Ethernet Standards as applicable based on media types (twisted pair copper, fiber optics, etc.)
27. IEEE-802.3ak: 10Gb/s Ethernet (evolving copper standard)
28. IEEE-802.3af: Power-over-Ethernet (PoE)
29. IEEE-1100-1999: Recommended Practice for Powering and Grounding Sensitive Electronic Equipment
30. IEEE-241: Recommended Practice for Electric Power Systems in Commercial Buildings
31. ISO/IEC 11801: International Standard on Information Technology – Generic Cabling of Customer Premises
32. NEC 250: Grounding and Bonding
33. NEC 300: Wiring Methods
34. NEC 725: Remote-Control, Signaling and Power Limited Circuits
35. NEC 770: Optical Fiber Cables and Raceways
36. NEC 800: Communications Circuits
37. NEMA: National Electrical Manufacturers Association
38. NESC: National Electrical Safety Code
39. NFPA 70: National Electrical Code
40. NFPA 72: National Fire Alarm and Signaling Code
41. OSHA: Occupational Safety and Health Administration
42. UL Compliance: Provide products which are UL-listed and labeled
43. USDA Bulletin 1751F-643: Underground Plant Design

Clark & Enersen Project No.: 265-005-24

1.4 INSTALLERS

- A. Installer Qualifications: Minimum of 2 years experience installing products specified within this section.
- B. All work shall be performed and supervised by managers and technicians qualified and certified to install and test the specified system.
 - 1. Required certifications:
 - a. PSC (Panduit Structured Cabling)
 - b. PCI (Panduit Certified Installer) certified
 - c. RCDD (Registered Communications Distribution Designer)
 - d. BICSI certified member on staff
 - e. 1 year required on all certifications
- C. Installation and testing must be in accordance with Panduit PSC Network Solutions criteria and any other Panduit Cabling Solution criteria that may apply.

1.5 MANUFACTURERS

- A. This specification is based on Panduit equipment and Panduit cabling. No other manufacturer will be accepted. Verify that all data cabling equipment is compatible with floor boxes, surface raceway and all other equipment provided by others prior to bid to ensure a proper installation.
- B. Where other acceptable manufacturers are allowed, equipment shall be equivalent in every way to that of the equipment specified and subject to approval. This is the contractor's responsibility and will be verified upon shop drawing review. If the submitted documents of the shop drawings do not meet or exceed the performance levels of the specified equipment, the contractor will be required to provide a system that is.

1.6 WARRANTY

- A. The systems products shall be warranted free of defects in material and workmanship.
- B. The systems products shall be warranted to perform the intended function within the design limits.
- C. This system shall be in compliance with the manufacturer's performance warranty status at completion of the project and receive verification of the warranty in writing from the manufacturer. This shall be included in the O&M manuals for the Owners records.

1.7 SUBMITTALS

- A. Contractor shall submit copies of the certification of the company and staff members that will be performing the installation, terminations and testing of the system to provide compliance of this specification.
- B. Contractor shall submit manufacturers cut sheets for all products, hardware and cabling specified within this document.

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2. PRODUCTS

2.1 Category 6 Patch Panels

A. Physical Characteristics

1. Panels shall be made of black anodized aluminum in 24-, 48- and 96-port configurations as indicated on the drawings.
2. Panels shall accommodate 24 ports for each rack mount space (1rms = 44.5 mm [1.75 in.]).
3. Panels shall be manufactured with a rolled-edge at the top and bottom for stiffness.
4. Panels shall have modular jacks employing staggered array contacts with a flat "hairpin" design made of Beryllium copper with a minimum 50-micro-inch gold plating on contact surfaces over 50-100 micro-inch of nickel compliant with FCC part 68.
5. Panels shall be available in a T568B wiring scheme.
6. Panels shall be equipped with 110-style termination made of fire retardant UL 94V0 rated thermoplastic and tin lead solder plated IDC contacts.
7. Panel circuit boards shall be fully enclosed front and rear for physical protection.
8. Panels shall have port identification numbers on both the front and rear of the panel.
9. Panels shall have optional rear cable support bar for strain relief.
10. Panels shall have self adhesive, clear label holders and white designation labels provided with the panel for each row of 24 ports.
11. Panels shall provide wiring identification & color code and maintain a paired punch down sequence that does not require the overlapping of cable pairs.
12. Panels shall terminate 22-26AWG solid conductors, maximum insulated conductor outside diameter 0.05".

B. Performance Characteristics

1. Panels shall be ANSI/TIA/EIA-568-B.2-1 and ISO/IEC 11801 minimum category 6 compliant.
2. All transmission performance parameters shall be independently verified by a UL or ETL third party testing organization.
3. Panels shall be third party verified, error free Gigabit Ethernet performance to IEEE 802.3ab.
4. Panels shall be UL Listed 1863 and CSA certified.
5. Panels shall be made by an ISO 9002 Certified Manufacturer.

C. Panduit Catalog Number:

1. CPPLA48WBLY (48-port angled patch panels with labels); Or provide Panduit product as necessary to match existing patch panels

2.2 Category 6 Channel Compliant Jacks – UTP

A. Physical Characteristics

1. Eight position modules shall be used in all work areas and shall exceed the connector requirements of the TIA/EIA Category 6 standard.
2. Termination shall be accomplished by use of a forward motion termination cap and shall not require the use of a punch down tool.

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3. The termination cap shall provide strain relief on the cable jacket, ensure cable twists are maintained to within 1/8" (3.18mm) and include a wiring scheme label.
4. The wiring scheme label shall be available with both T568A and T568B wiring schemes.
5. All terminations for this project shall use the T568B wiring scheme.

B. Performance Characteristics

1. The modules shall terminate four-pair 24 and 22 AWG 100 ohm solid unshielded twisted pair cable.
2. The modules shall be universal in design, including complying with the intermateable standard IEC 60603-7 for compatibility.
3. Category 6 modules shall have UL and CSA approval. The modules shall have ETL verified Category 6 performance and ISO Class E performance (as defined in ISO/IEC 11801) in both the basic and channel links.
4. They shall be universal in design, accepting six or eight-pair modular plugs without damage to the outer module contacts.
5. The modules shall be able to be re-terminated a minimum of 10 times and be available in 11 standard colors for color-coding purposes.
6. The module shall snap into all MINI-COM ® outlets and patch panels.

C. Panduit Catalog Number:

1. CJ688TGWH (category 6 jack; **color to match building standard**)

2.3 Cable

A. UTP Cable: Cable shall be Category 6 cable.

1. Panduit Catalog Number:
 - a. PUP6004BU-UY (category 6 cable; **color to match building standard**)
 - b. UTPSP__BUY (category 6 patch cord; lengths to be coordinated with owner, architect and engineer; color to be coordinated with owner)
 - 1) Provide one (1) 1-meter patch cord for each port on a patch panel.
 - 2) Provide one (1) 3-meter patch cord for each activated work area outlet plus twenty-five (25) percent.

2.4 Faceplates and Adapters

A. Leviton: (**Match building standard faceplate**)

ADDENDUM #1

3. EXECUTION

3.1 Installation

A. Patch Panels – UTP

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1. Panels shall be installed to provide minimal signal impairment by preserving wire pair twists as closely as possible to the point of mechanical termination. The amount of untwisting in a pair as a result of termination to the patch panel shall be no greater than 0.5 inches (13 mm)
2. Panels shall be installed according to manufacturer's instructions and properly mounted to a rack, cabinet, bracket or other appropriate mounting device.
3. Panels shall be installed such that cables terminated to the panel can maintain minimum bend radius of at least 4 times the cable diameter into the IDC contacts. Cables shall be terminated on the panels such that there is no tension on the conductors in the termination contacts.
4. Panels shall be properly labeled on front and back with the cable number and port connections for each port.

B. Category 6 channel compliant Jacks – UTP

1. Jacks shall be installed to provide minimal signal impairment by preserving wire pair twists as closely as possible to the point of mechanical termination. The amount of untwisting in a pair as a result of termination to the jack shall be no greater than 0.5 inches (13 mm).
2. Jacks shall be installed according to manufacturer's instructions and properly mounted in plates, frames, housings or other appropriate mounting device.
3. Jacks shall be installed such that cables terminated to the jacks maintain minimum bend radius of at least 4 times the cable diameter into the IDC contacts. Cables shall be terminated on jacks such that there is no tension on the conductors in the termination contacts.

C. Cable

1. All cables are to be supported by means secured to the building structure, either by conduit, cable tray or J-hooks. Cables are to be routed and run as high as possible; no cables are to be run on top of lay in ceilings. All cables routed below accessible floor system shall be neatly trained using appropriate supports.
2. Separate J-hook systems shall be provided for each low voltage cabling system including, but not limited to, tele/data UTP, tele/data fiber optic, AV, fire alarm, security and controls. Provide extra J-hooks to provide owner with 20% spare pathway for future cabling.
3. Conduit sleeves and/or continuous segments shall be provided through walls for unimpeded pathway to cable origin or cable tray. All conduit penetrations and openings through fire rated walls shall be sealed with appropriate fire and smoke stop material. All raceway and cable routing shall be located to minimize cable length.
4. Do not exceed the manufacturer's recommended pulling tension or minimum bend radius.
5. Avoid walking, stepping on or compressing cables in any way. Installed cables shall have no abrasions with exposed conductor insulation or bare copper. The installer is responsible to replace damaged cables at no cost to the owner.
6. Use D-Rings, J-hooks, Velcro straps, Conduit, or Cable Tray for cable management. With the use of D-rings, J-hooks or Velcro, cable runs shall be supported every 4 feet. The manufacturer's specifications for cable loading shall be followed. For Velcro, ensure the minimum overlap on the strap meets the manufacturer requirement, 2" minimum unless manufacturer is greater. If Velcro straps are utilized in a plenum air space, the Velcro strap shall be rated as such. The preferred Velcro strap is of hook & loop type.
7. All Data Network and communications cables and patch cords routed within communications rooms shall be bundled and combed with Velcro to provide a neat and organized appearance. This includes horizontal and vertical cables routed on cable tray, d-rings, vertical cable managers, equipment rack cable managers, etc. Cables shall be bundled using only manufacturer and industry approved Velcro ties with tensions that do not deform and damage cable resulting in loss of transmission or performance. Any bundles and combing methods used shall not exceed manufacturer or industry standards recommendations for that cable type.

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8. Within communications rooms, cables and patch cords shall be snugly wrapped using Velcro reusable cable ties, a minimum of every 4'-0" for cable organization. Velcro ties shall be tightened so as not to deform cable jackets and thus affect cable performance. Plastic cable tie wraps shall not be used and will prevent system acceptance.
9. Do not route cables near heat sources and maintain a minimum spacing between cables and sources of EMI: power cables shall be a minimum of 6", florescent lights shall maintain a minimum of 12" and transformers or electrical enclosures shall be a minimum of 36".
10. Installed cable bend radius shall be greater than 4 times the cable diameter. Avoid kinking or twisting the cable during installation.
11. All cabling routed out of trays down to the relay racks shall have waterfalls installed on the tray so bend radius and cable integrity remain.

D. Labeling

1. The contractor will only use adhesive computer generated labels for labeling cables, station panels, wallplates, 110 blocks, and fiber optic enclosures.
2. See telecommunications details for labeling scheme.
3. This labeling scheme shall be discussed with the owner to ensure acceptability prior to any work being completed.
4. This label will appear on the wallplate, patch panel, 110 block, the cable on both ends 5 to 10 inches from its termination point, test result, and on the CAD drawing.
5. All labels will be easy to read so you can easily locate cables, cross connect equipment and move wallplate locations in the future.
6. All fiber and backbone cable will be labeled in the same manner, so you can locate each wiring closet from the label on the panel or block.
7. When job is complete, all test results will be checked back to the CAD drawings to make sure all labels are correct.

E. Firestop

1. A firestop system is comprised of the item or items penetrating the fire rated structure, the opening in the structure and the materials and assembly of the materials used to seal the penetrated structure. Firestop systems comprise an effective block for fire, smoke, heat, vapor and pressurized water stream.
2. All penetrations through fire-rated building structures (walls and floors) shall be sealed with an appropriate firestop system. This requirement applies to through penetrations (complete penetration) and membrane penetrations (through one side of a hollow fire rated structure). Any penetration item i.e., riser slots and sleeves, cables, conduit, cable tray, and raceways, etc. shall be properly firestopped.
3. Firestop systems shall be UL classified to ASTM E814 (UL 1479) and shall be approved by the AHJ in the state where the work is to be preformed.

3.2 Testing

A. General

1. Test all data and fiber connections after installation.
2. Provide electronic and hard copies of test results to owner upon completion of project.
3. Contractor will be required to provide detailed electronic data test results with confirmation of run lengths and point test – to be provided in a Microsoft Excel compatible format.

Clark & Enersen Project No.: 265-005-24

B. Patch Panels – UTP

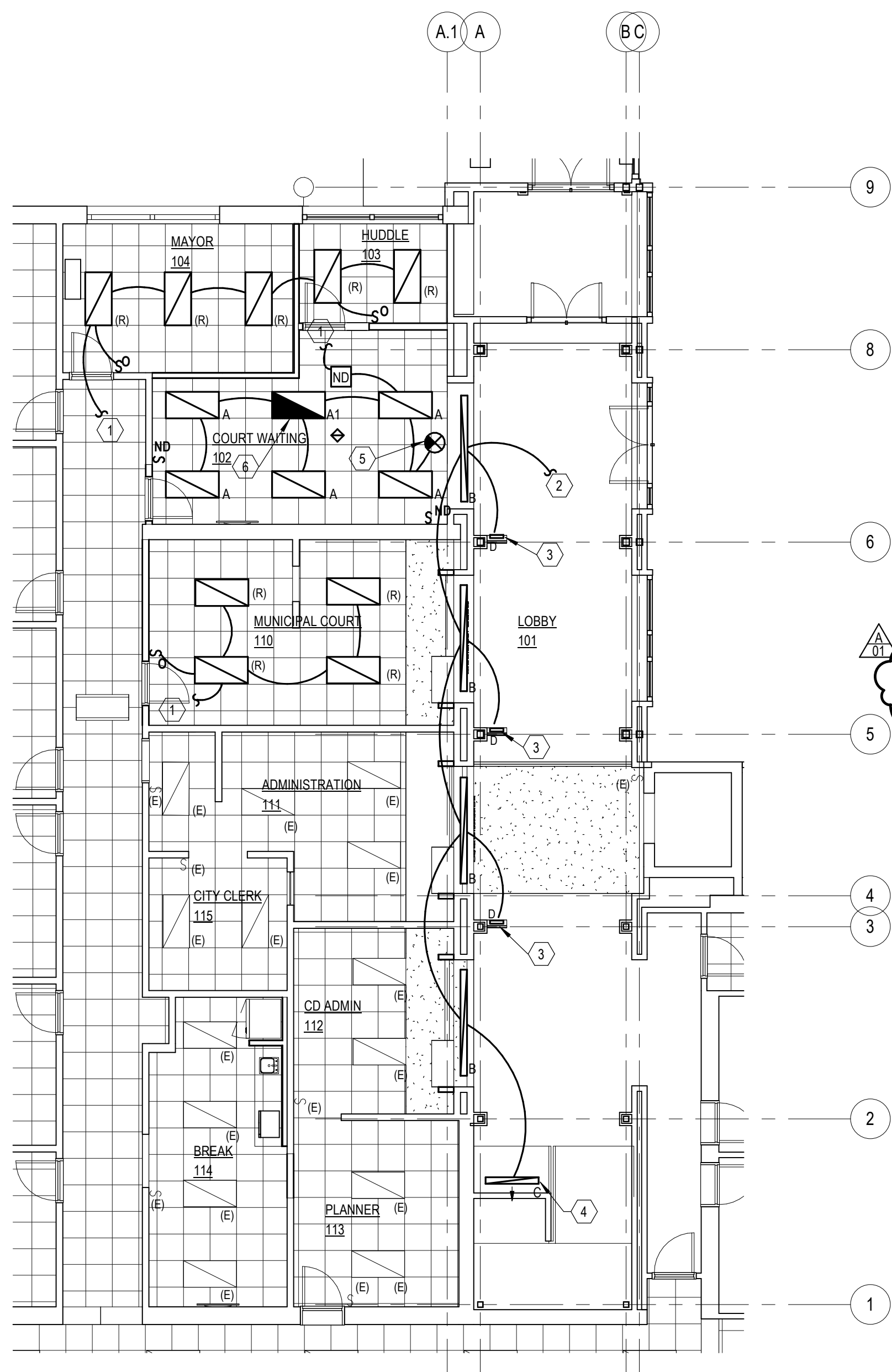
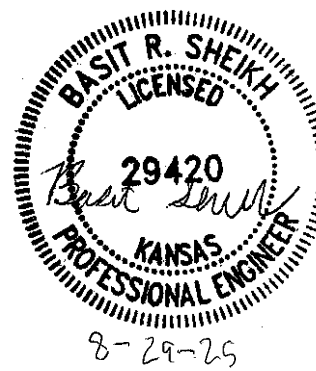
1. Patch Panels shall be tested after horizontal cabling has been installed and terminated to both the panel and the work area outlet.
2. Panels shall be tested as part of the link or channel for Length, DC continuity, NEXT, PSNEXT, Attenuation, Return Loss, ELFEXT, and PSELFEXT using a level IIe tester for enhanced category 5e, and a level III tester for category 6 channels.
3. Testers shall be correctly set to test the type and manufacturer of the horizontal cable used in the link or channel being tested, including the correct NVP.
4. A “PASS” indication shall be obtained for all link or channel tests when tested using the appropriate level tester for the appropriate category.

C. Category 6 channel compliant Jacks – UTP

1. Jacks shall be tested as part of horizontal cabling system.
2. Jacks shall be tested as part of the channel for Length, DC continuity, NEXT, PSNEXT, Attenuation, Return Loss, ELFEXT, and PSELFEXT using the specified hardware manufacturer's test heads and an industry standard level III tester.
3. Testers shall be correctly set to test the type and manufacturer of the horizontal cable used in the channel being tested, including the correct NVP.
4. A “PASS” indication shall be obtained for all channel tests when tested using the appropriate level tester for the appropriate category.

END OF SECTION 27 00 00

Bid Documents

Merriam City Hall -
Phase 2 Interior
Renovation9001 W 62nd St.
Merriam, KS 66202CE No.: 265-005-24
08/06/25

FIRST FLOOR LIGHTING PLAN

SCALE: 1/16" = 1'-0"

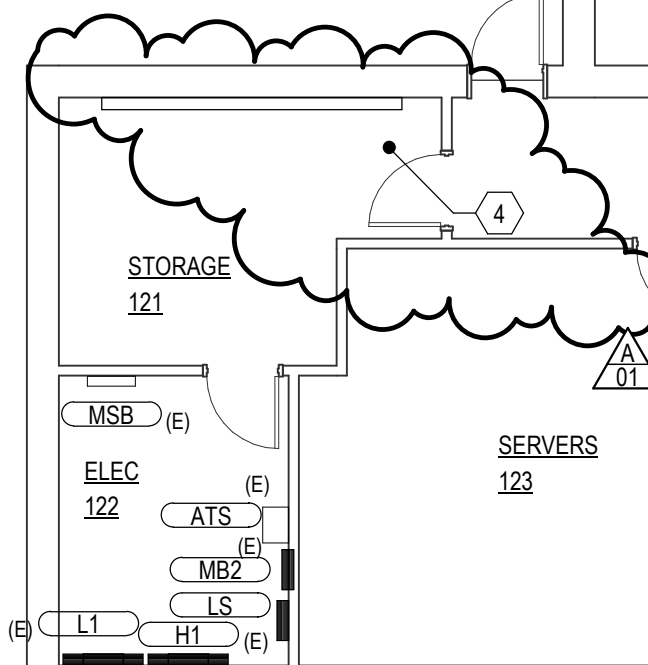
nLIGHT LIGHTING CONTROL DEVICE SCHEDULE	
SYNO	ON/OFF PUSHBUTTON W/ RAISE/LOWER OPTION, NLIGHT CATALOG NUMBER: NP00M.DX
ND	120/277VAC POWER PACK W/ 0-10V DIMMING OUTPUT, NLIGHT CATALOG NUMBER: NP118.D. CONTRACTOR SHALL PROVIDE NECESSARY 0-10 VOLT DIMMING CONDUCTORS COLORED PER CODE.
	CEILING MOUNT 360° EXTENDED RANGE DUAL TECH. OCCUPANCY SENSOR, NLIGHT CATALOG NUMBER: NCM.PT1.D

nLIGHT CONTROL DEVICE GENERAL NOTES:

- NLIGHT CONTROLS ARE THE BASIS OF DESIGN. ALTERNATE MANUFACTURERS MAY BE APPROVED PRIOR TO BID IF THEY MEET ALL SPECIFICATION REQUIREMENTS. SEE THE SPECIFICATION FOR ADDITIONAL INFORMATION.
- WHERE NLIGHT POWER PACKS/RELAY ARE INDICATED IN AREAS WITH HARD CEILINGS, POWER PACKS/RELAYS SHALL BE LOCATED IN THE NEAREST ACCESSIBLE CEILING SPACE OR NEAR ACCESS PANELS.
- ANY OCCUPANCY/VACANCY SENSOR IN A ZONE SHALL CONTROL THE FIXTURES IN THAT ZONE.
- ALL OCCUPANCY/VACANCY SENSORS SHALL BE LOCATED AT THE MANUFACTURER'S RECOMMENDED DISTANCE FROM ALL MECHANICAL AIR DISTRIBUTION DIFFUSERS/GRILLS. SENSORS ARE REQUIRED TO PROVIDE ADEQUATE COVERAGE WITHIN THAT SPACE PER THE MANUFACTURER'S RECOMMENDATIONS.
- LOW VOLTAGE WALL SWITCHES SHALL BE GRAY IN COLOR.

FIRST FLOOR LIGHTING PLAN NOTES	
KEY NOTE	DESCRIPTION
1	CONNECT TO EXISTING LIGHTING CIRCUIT PREVIOUSLY SERVING AREA.
2	CONNECT TO EXISTING LIGHTING CIRCUIT AND LIGHT SWITCH PREVIOUSLY SERVING AREA.
3	LIGHT FIXTURE SHALL BE INSTALLED RECESSED WITHIN SIGNAGE. REFERENCE ARCHITECTURAL DETAILS FOR ADDITIONAL INFORMATION. LIGHT FIXTURE SHALL BE SWITCHED ALONG WITH OTHER FIXTURES IN LOBBY 101.
4	MOUNT LIGHT FIXTURE RECESSED ON THE UNDERSIDE OF THE TOP OF DISPLAY CASE. COORDINATE WITH ARCHITECT FOR EXACT REQUIREMENTS. LIGHT FIXTURE SHALL BE SWITCHED ALONG WITH OTHER FIXTURES IN LOBBY 101.
5	CEILING MOUNT 360° EXTENDED RANGE DUAL TECH. OCCUPANCY SENSOR, NLIGHT CATALOG NUMBER: NCM.PT1.D
6	CIRCUIT FIXTURE TO UNSWITCHED HOT OF LIGHTING CIRCUIT SERVING AREA. IN A POWER LOSS SITUATION FIXTURE SHALL BE ILLUMINATED VIA INTEGRAL BATTERY.

DATA AND CABLING SERVING SPACE SHALL BE ROUTED ABOVE CEILING OVER TO STORAGE 121 WITH 20 FEET OF SLACK. NEW CABLING SHALL FOLLOW ROUTE OF EXISTING CABLING SERVING NEARBY SPACES AND SHALL BE SUPPORTED BY J-HOOKS OR EXISTING CABLE TRAY. CONTRACTOR SHALL COORDINATE ROUTING THROUGH CORRIDOR WITH ALL OTHER TRADES. COORDINATE EXACT DATA ROOM LOCATION AND FINAL TERMINATIONS WITH OWNER. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.



FIRST FLOOR POWER & AUXILIARY SYSTEMS PLAN

SCALE: 1/16" = 1'-0"

FIRST FLOOR POWER & AUXILIARY SYSTEMS PLAN NOTES	
KEY NOTE	DESCRIPTION
1	CONNECT TO EXISTING RECEPTACLE CIRCUIT SLAVAGED DURING DEMOLITION.
2	PROVIDE 120V CONNECTION FOR GARBAGE DISPOSAL SYSTEM. COORDINATE EXACT REQUIREMENTS WITH GARBAGE DISPOSAL INSTALLER/SUPPLIER.
3	ROUTE (2) CATEGORY 6 CABLE(S) FROM STORAGE 133 TO FACEPLATE AND ATTACH TO MODULAR JACKS. SEE ORIENTATION PLANS FOR ADDITIONAL ROUTING INFORMATION. REFER TO DIMENSION 27 SPECIFICATIONS AND DETAILS FOR ADDITIONAL INFORMATION.
4	DATA CABLING SHALL BE ROUTED TO STORAGE 121 AND PROVIDED WITH 20 FEET OF SLACK. CONTRACTOR SHALL COORDINATE ALL WORK AND CABLING TERMINATIONS WITH OWNER. SEE THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.



SECOND FLOOR PLAN

SCALE: 1/16" = 1'-0"

Existing Panel 'L1' Schedule																											
MAIN BUS: 225 A				LOAD (VA)				PHASE	LOAD (VA)				LOCATION: ELEC 017														
VOLTAGE: 208Y/120 VOLTS, 3 PHASE, 4 WIRE													MOUNTING: SURFACE														
PANEL TYPE: LIGHTING AND APPLIANCE													MINIMUM AIC: EXISTING														
C	A	P	LOAD SERVED	LTG.	RECP.	MECH.	SPARE		LTG.	RECP.	MECH.	SPARE	LOAD SERVED				P	A	C								
1	20	1	RECP: COUNCIL CHAMBER					A					SPARE				1	20	2								
3	20	1	RECP: COUNCIL CHAMBER					B					SPARE				1	20	4								
5	20	1	RECP: COUNCIL CHAMBER					C					SPARE				1	20	6								
7	20	1	REC: COUNCIL CHAMBER					A					RECP: ELEC., GEN. STORAGE				1	20									
9	20	1	RECP: RESTROOMS					B					RECP: JUDICAL CHAMBER				1	20	10								
11	20	1	RECP: COURT, EXECUTIVE CONF					C					RECP: ELEC WATER COOLER				1	20	12								
13	20	1	RECP: EXEC CONF. MECH					A					SPARE				1	20	14								
15	20	1	RECP: CODE INSPECTORS					B					RECP: LOBBY, VESTIBULE				1	20	16								
17	20	1	REC: CODES, BUILDING INSP					C					RECP: MTG. RM, MAYOR				1	20	18								
19	20	1	RECP: WORK, MEETING RM					A					RECP: MAYOR, CITY ADMIN				1	20	20								
21	20	1	RECP: MECH, LIBRARY					B					RECP: CITY ADMIN, ASST.				1	20	22								
23	20	1	RECP: LIB, ACCT, PR INTERN					C					RECP: ASST. ADMIN., FINANCE				1	20	24								
25	20	1	RECP: COMM DEV, ACCT, PR					A					RECP: MAYOR, CITY ADMIN				1	20	26								
27	20	1	SPARE					B					RECP: MAYOR, CITY ADMIN				1	20	28								
29	20	1	SPARE					C					RECP: CORRIDOR				1	20	30								
31	20	1	GENERATOR					A					RECP: COFEE, COATS				1	20	32								
33	20	1	DATA RM AC					B					RECP: COMM COORD. ADMIN				1	20	34								
35	20	1	SPARE					C					RECP: ADMIN FIN. COURT CLERK				1	20	36								
37	20	1	SPARE					A					RECP: COURT CLERK/CD PLANNING				1	20	38								
39	20	1	SPARE					B					RECP: CD PLANNING OFFICES				1	20	40								
41	20	1	SPARE					C					RECP: STOR/COPY WORK RM				1	20	42								
43	20	1	SPARE					A					SPARE				1	20	44								
45	20	1	SPARE					B					SPARE				1	20	46								
47	20	1	SPARE					C		1400			RECP: BREAKROOM MICROWAVE				1	20	48								
49	20	1	SPARE					A		1200			RECP: BREAKROOM COUNTER				1	20	50								
51	20	1	SPARE					B		1200			RECP: GARBAGE DISPOSAL				1	20	52								
53	20	1	SPARE					C		1200			RECP: REFRIGERATOR				1	20	54								
55	20	1	SPARE					A		500			RECP: CITY CLERK				1	20	56								
57	20	1	RECP: CD ADMIN					B		1200			RECP: BREAKROOM				1	20	58								
59	20	1	RECP: CD ADMIN					C		1000			RECP: COPY 126				1	20	60								
61	20	1	RECP: ADMIN COUNTER		1200			A		800			RECP: MAYOR				1	20	62								
63	20	1	RECP: CD ADMIN					B					LIGHTS				1	20	64								
65	20	1	LIGHTING					C					LIGHTS				1	20	66								
67	20	1	LIGHTING					A					OUTSIDE LIGHTING				1	20	68								
69	20	1	RECP: CD ADMIN					B					OUTSIDE LIGHTING				1	20	70								
71	20	1	RECP: CD ADMIN					C					OUTSIDE LIGHTING				1	20	72								
73	20	1	RECP: CD ADMIN					A					OUTSIDE LIGHTING				1	20	74								
75	20	1	RECP: CD ADMIN					B					OUTSIDE LIGHTING				1	20	76								
77	20	1	RECP: CD ADMIN					C					OUTSIDE LIGHTING				1	20	78								
79	20	1	CD LIGHTS					A					OUTSIDE LIGHTING				1	20	80								
81	20	1	RECP: COURT WAITING, HUDDLE		1000			B					OUTSIDE LIGHTING				1	20	82								
83	-	1	SPACE					C					OUTSIDE LIGHTING				1	20	84								
				CONNECTED LOAD					8500				CONNECTED LOAD														
				% DF					100 97 80 50				%DF														
				EMD					- 2128 - - -				EMD														
				EMD X 1.25 =					10350 X 1.25 =				36 Amps														
				SYS. VOLT.				208 X 1.73				MAIN BREAKER SIZE: 225 A															

PANLEBOARD DEMAND LOADS ARE SHOWN FOR NEW LOADS ONLY. NEW LOADS ARE SHOWN IN CAPITAL LETTERS AND BOLD. AMPERAGE OF EXISTING LOADS ARE UNKNOWN.

PANEL SCHEDULE NOTES	
KEY NOTE	DESCRIPTION
1	PROVIDE NEW CIRCUIT BREAKER OF THE AMPERAGE AND POLES INDICATED. NEW CIRCUIT BREAKER SHALL BE FULLY COMPATIBLE WITH EXISTING PANELBOARD AND SHALL MAINTAIN THE PANELBOARD'S UL LISTING AND INTERRUPT RATING.
2	PROVIDE NEW GFCI CIRCUIT BREAKER OF THE AMPERAGE AND POLES INDICATED. NEW CIRCUIT BREAKER SHALL BE FULLY COMPATIBLE WITH EXISTING PANELBOARD AND SHALL MAINTAIN THE PANELBOARD'S UL LISTING AND INTERRUPT RATING.



A-01 08/29/25 ADDENDUM #1

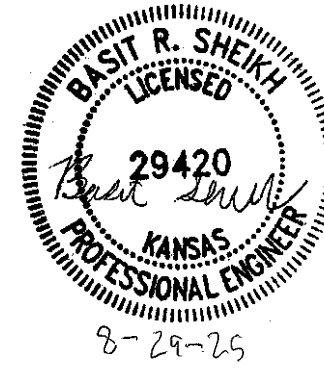
SHEET HISTORY:

Bid Documents

Merriam City Hall - Phase 2 Interior Renovation

9001 W 62nd St.
Merriam, KS 66202

CE No.: 265-005-24
08/06/25



Electrical Schedules

E2.01