

ADDENDUM NUMBER: TWO

PROJECT: New Judicial Center & Annex Renovations for
Franklin County
West Nash St.
Louisburg, North Carolina 27549

PROJECT NO: 21054

DATE: September 23, 2025

OWNER: Franklin County
113 Market Street
Louisburg, North Carolina 27549

ARCHITECT: Oakley Collier Architects, P.A.
109 Candlewood Road
Rocky Mount, North Carolina 27804
(252) 937-2500

PREVIOUSLY ISSUED: One

TO ALL CONTRACTORS:

This Addendum is hereby made a part of the Contract Documents to the same extent as if originally included therein. This Addendum must be acknowledged on the Form of Proposal and shall be placed with the Contract Documents.

Drawings and Project Manual dated September 2025 for this project are hereby modified, corrected, or supplemented as follows:

Substitution Requests

Subject to requirements of plans and specifications, the following manufacturers are approved to bid:

Section	Section Title	Manufacturer / Product
03 33 00	Cast-in-Place Concrete	SINAK / CURE3D
03 49 00	Glass-Fiber Reinforced Concrete	FIBLAST,LLC / GFRC Product (only)
08 34 63	Detention Doors & Frames	Sweeper Metal Fabricators Corp.
08 56 53	Security Windows	Sweeper Metal Fabricators Corp.
09 66 23	Resinous Matrix Terrazzo Flooring	Concord Terrazzo Co / Terrazzco Brand Product
09 69 33	Low Profile Fixed Height Access Flooring	Bonitz / ASM Q2C Low-Profile Flooring
12 55 00	Detention Furnishings & Accessories	Sweeper Metal Fabricator Corp.

General

Item 1

Clarification: CRAVE AV SYSTEM:

CRAVE AV systems shall be provided in the courtrooms. The owner will provide the end point devices, AV rack, and AV hardware. The EC shall provide boxes, conduits, cables/wire, etc. as required to provide a complete and functional installation. Coordinate with the owner's AV vendor. See additional information for pricing in the revised Unit Prices and Allowances Specifications items contained in this addendum.

Specifications

Item 2 ADD

CERTIFICATION OF TECHNICAL SPECIFICATIONS: STRUCTURAL ENGINEER

ADD in its entirety.

Item 3 CHANGE

FORM OF SINGLE PRIME GENERAL CONTRACTOR PROPOSAL:

Replace the FORM OF SINGLE PRIME GENERAL CONTRACTOR PROPOSAL in its entirety with the revised Form of Proposal attached to the end of this addendum.

Item 4 ADD

Hazardous Materials Survey Report for Judicial Annex Building

ADD the Hazardous Materials Survey Report attached to the end of this addendum in its entirety.

Item 5 ADD

01 21 00 – ALLOWANCES; PART 1 GENERAL:

Add the following to 1.03 CASH/UNIT PRICE ALLOWANCES: Quantities shown for specific Unit Price Allowances shall be included in the Contractor's Base Bid at the Unit Price provided by the Contractor on his bid form.

Add the following allowances to 1.05 ALLOWANCE SCHEDULE;

- L. Unit Price Allowance No. 12 - CRAVE System Microphone Drop:

The contractor shall stipulate an amount to be included in the Base Bid to provide **40 instances** of CRAVE System Microphone Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 7.

- M. Unit Price Allowance No. 13 - CRAVE System Speaker Drop:

The contractor shall stipulate an amount to be included in the Base Bid to provide **40 instances** of CRAVE System Speaker Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 8.

- N. Unit Price Allowance No. 14 - CRAVE System Camera Drop:

The contractor shall stipulate an amount to be included in the Base Bid to provide **20 instances** of CRAVE System Camera Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 9.

- **O. Unit Price Allowance No. 15 - CRAVE System Network Drop:**

The contractor shall stipulate an amount to be included in the Base Bid to provide **40 instances** of CRAVE System Network Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 10.

- **P. Unit Price Allowance No. 16 - CRAVE System Receptacle Drop:**

The contractor shall stipulate an amount to be included in the Base Bid to provide **25 instances** of CRAVE System Receptacle Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 11.

- **Q. Unit Price Allowance No. 17 - CRAVE System AV Rack Location**

The contractor shall stipulate an amount to be included in the Base Bid to provide **5 instances** of CRAVE System AV Rack Location based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 12.

Item 6 ADD

01 22 00 – UNIT PRICES; PART 1 GENERAL; 1.0 SCHEDULE OF UNIT PRICES;

Add the following Unit Prices:

- **G. Item: Unit Price No. 7 - CRAVE System Microphone Drop.**

1. Description: For the purchase, delivery, and installation of the following items: Box with (1) XLR connector with device cover plate, 15 feet of 1/2 inch conduit to accessible ceiling space, 100 feet of 22/2 shielded low voltage cable to local AV rack.
2. Unit of Measurement: per (1) instance.

- **H. Item: Unit Price No. 8 - CRAVE System Speaker Drop.**

1. Description: For the purchase, delivery, and installation of the following items: 15 ft. of ½ in. conduit to accessible ceiling space, 100 ft. of 16/2 unshielded speaker wire with Phoenix connector to match CRAVE speaker to local AV rack.
2. Unit of Measurement: per (1) instance.

- **I. Item: Unit Price No. 9 - CRAVE System Camera Drop.**

1. Description: For the purchase, delivery, and installation of the following items: 15 ft. of ½ in. conduit to accessible ceiling space, 100 ft. of shielded CAT6 cable with RJ45 connectors to local AV rack.
2. Unit of Measurement: per (1) instance.

- **J. Item: Unit Price No. 10 - CRAVE System Network Drop.**

1. Description: For the purchase, delivery, and installation of the following items: Box and cover plate with (1) RJ45 port, (2) sets of 15 ft. of ½ in. conduit to accessible ceiling space, 100 ft. of CAT6 cable with RJ45 connectors to local AV rack.
2. Unit of Measurement: per (1) instance.

- **K. Item: Unit Price No. 11 - CRAVE System Receptacle Drop.**

1. Description: For the purchase, delivery, and installation of the following items: Box and cover plate, (1) standard 20A duplex tamper resistant receptacle, 15 ft. of 12/2 with ground ½ in. MC cable to accessible ceiling space. 100 ft. of 12/2 with ground in ½ in. conduit to nearest 120/208V electrical panel or nearest device. 1 circuit per courtroom.
 2. Unit of Measurement: per (1) instance.
- **L. Item: Unit Price No. 12 - CRAVE System AV Rack Location.**
1. Description: For the purchase, delivery, and installation of the following items: Box and cover plate, (1) standard 20A quad tamper resistant receptacle, 15 ft. of 12/2 with ground ½ in. MC cable to accessible ceiling space. 100 ft. of 12/2 with ground in ½ in. conduit to nearest 120/208V electrical panel. 1 dedicated circuit per AV rack.
 2. Unit of Measurement: per (1) instance.

Item 7 ADD

04 20 00 – UNIT MASONRY; PART 1 GENERAL; SECTION 1.05 QUALITY ASSURANCE; Add Subsection E. as defined below in its entirety:

"E. The work of this section shall be bid and performed by a firm certified as a "North Carolina Contractors Association Certified Masonry Contractor" as described in the most current version of the NCMCA's " Guide to Masonry Contractor Certification."

1.The masonry subcontractor shall at all times when work is in progress, provide an individual from its own staff designated by the North Carolina Masonry Contractors Association Masonry Certification Program as a "CMP-Certified Masonry Professional" or "CME-Certified Masonry Executive" s described in the most current version of the NCMCA's " Guide to Masonry Contractor Certification."

Item 8 ADD

05 73 00 – DECORATIVE METAL RAILINGS:

Add this **specification section** attached to the end of this addendum in its entirety.

Item 9 ADD

05 75 00 – DECORATIVE FORMED METAL:

Add this **specification section** attached to the end of this addendum in its entirety.

Item 10 DELETE/ADD

08 71 00 – DOOR HARDWARE;

Delete this **specification section** in its entirety and **ADD** the modified versions attached to the end of this addendum in its entirety.

Item 11 DELETE/ADD

10 14 00 – SIGNAGE:

Delete this **specification section** in its entirety and **ADD** the modified version attached to the end of this addendum in its entirety.

- Item 12 DELETE** **10 14 16 - PLAQUES:**
Delete this **specification section** in its entirety.
- Item 13 DELETE** **Section 10 14 19 – DIMENSIONAL LETTER SIGNAGE:**
Delete this **specification section** in its entirety.
- Item 14 DELETE/ADD** **Section 10 21 13.17 – PHENOLIC TOILET COMPARTMENTS;**
Delete this **specification section** in its entirety and **ADD** the modified version attached to the end of this addendum in its entirety.
- Item 15 DELETE** **Section 10 22 13 – WIRE MESH PARTITIONS:**
Delete this **specification section** in its entirety.
- Item 16 ADD:** **Section 12 67 00 PEW & BENCHES: Part 2 Products; subparagraph 2.02 Materials:**
Add the following additional furniture to this specification:
Courtroom Furniture: Include in the base bid the following items as Contractor Supplied Contractor Installed (CSCI) furniture items to each Courtroom and other areas as noted.
Attorney Tables: Basis of Design for tables shall be Sauder Manufacturing Co, Archibold, OH; Model 440-2050 or approved equal product in the sizes shown below in each courtroom. See enlarged plans for layouts.
- Courtrooms 210 & 310: (2 tables) 10'-0" x 3'-0" and (1) table 7'-0" x 3'-0" Provide for each courtroom listed.
 - Courtrooms 206 & 306: (2 tables) 7'-0" x 3'-0" Provide for each courtroom listed.
 - Clerks Courtroom 114: (2 tables) 7'-0" x 3'-0"
- Tables shall be constructed as follows:
- Wood Species shall match benches. Finish shall be selected from manufacturers' full range.
 - Table legs shall be solid 2-ply hardwood. Overall leg dimension shall be 2-inches x 2-inches.
 - Table apron shall be constructed hardwood veneer over engineered wood in total thickness of 1-inch.
 - Table top shall be constructed of 5-ply premium hardwood veneer over a 1/8-inch layer of hardboard on each face, with a core of engineered wood or plywood. Finished thickness shall be 1 1/16-inch.
 - Finish shall be catalyzed varnish to insure durability.
 - Manufacturer shall provide a written 25-year warranty against defects in materials and workmanship.
- Jury Seating:** Basis of Design for jury seating shall be Sauder Manufacturing Co, Archibold, OH; Model Clarity 532-1002 or approved equal product. See enlarged plans for layouts. Jury seating shall comply with the following:

- Provide (13) jury seats per each Courtroom, as shown in plans.
- Standard chair width: 24-inches
- Chair back: Standard (38-inches from floor); Upholstered.
- Mounting: Self-correcting swivel mount.
- Chair arms: Poly arms, flip-up.
- Aisle panels: Medium panel, upholstered.
- Fabric: CULP Contract, Dillon pattern, color to be selected from manufacturers' full range.

DRAWINGS

Item 17 DELETE/ADD **DELETE** the following **Drawing Sheets** in their entirety and **ADD** the modified versions attached to the end of this addendum in their entirety. Changes are clouded on each sheet with revision “2” label.

G0.10 – COVERSHEET

A1.11 – PLAN – LEVEL 1 (OVERALL)

A1.11A – PLAN – LEVEL 1 (AREA A)

A1.11B – PLAN – LEVEL 1 (AREA B)

A1.12 – PLAN – LEVEL 2

A1.13 – PLAN – LEVEL 3

A1.31 – FINISH PLANS – LEVEL 01 (AREA A)

A1.31C – FINISH PLANS – LEVEL 01 (AREA B)

A1.32 – FINISH PLANS – LEVEL 02

A1.33 – FINISH PLANS – LEVEL 03

A3.31 – VERTICAL CIRCULATION – STAIR #1

A3.32 – VERTICAL CIRCULATION – STAIR #2

A3.33 – VERTICAL CIRCULATION – STAIR #3

A3.34 – VERTICAL CIRCULATION – ELEVATOR #1/2 + #3/4

A4.01 – ENLARGED PLANS

A4.02 – ENLARGED PLANS – CLERKS COURTROOM

A4.03 – ENLARGED PLANS – DISTRICT COURT 1

A4.04 – ENLARGED PLANS – DISTRICT COURT 2

A4.05 – ENLARGED PLAN

A4.12 – ENLARGED PLANS – RESTROOMS

A5.12 – INTERIOR DETAILS

A5.13 – INTERIOR DETAILS

A6.01 – DOOR SCHEDULE

E0.00 – ELECTRICAL LEGEND, NOTES, DETAILS

E0.02 – LIGHT FIXTURE SCHEDULES, LIGHTING DETAILS

E1.00 – ELECTRICAL SITE PLAN

E1.12A – LEVEL 3 – ENLARGED LIGHTING PLAN

E1.12B – LEVEL 3 – ENLARGED LIGHTING PLAN

E1.20A – LEVEL 1 – ENLARGED POWER PLAN

E1.20B – LEVEL 1 – ENLARGED POWER PLAN

E1.20C – LEVEL 1 – ENLARGED POWER PLAN

E1.21A – LEVEL 2 – ENLARGED POWER PLAN

E1.21B – LEVEL 2 – ENLARGED POWER PLAN

E1.22A – LEVEL 3 – ENLARGED POWER PLAN

E1.22B – LEVEL 3 – ENLARGED POWER PLAN

E2.00 – POWER RISER – PHASE 1

E2.01 – DEMOLITION POWER RISER – PHASE 2

E2.02 – POWER RISER – PHASE 2

E2.03 – COMMUNICATION RISER, SECURITY RISER
E2.04 – PANEL SCHEDULE
E2.06 – PANEL SCHEDULE

Item 18 DELETE **Sheets A1.01 – SLAB/MASONRY PLAN – LEVEL 1 and A1.02 – SLAB /MASONRY PLAN – LEVEL 2 + 3:**
DELETE these Drawing Sheets in their entirety

Item 19 CHANGE **SHEET A5.03 – EXTERIOR DETAILS:**
Change note to read “Single-Ply Roof Membrane” in lieu of “Two-Ply Roof Membrane” in the following details:
- 1/A5.03 – Roof Detail (Term at Exist. Wall)
- 2/A5.03 – Roof Detail (Term at Existing Parapet)
- 3/A5.03 – Roof Detail (Exp. Joint at Parapet 1)
- 4/A5.03 – Roof Detail (Exp. Joint at Parapet 2)
NOTE: This modification does not affect Alternate G-1 in any way.

Item 20 CHANGE **SHEET A2.01 – OVERALL BUILDING ELEVATIONS;**
Change keynote #16 to read “County/Judicial Seal; Bronze Finish” in lieu of “Cast Bronze Signage.”

End of Addendum No. 2

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CERTIFICATION OF TECHNICAL SPECIFICATIONS

The following Technical Specifications found in this project manual were prepared by the Design Professional whose name and stamp appear below.

<u>Specification Section</u>	<u>Specification Title</u>
014100	STRUCTURAL TESTING LABORATORY SERVICES
032000	CONCRETE REINFORCING
033000	CAST-IN-PLACE-CONCRETE
042200	CONCRETE UNIT MASONRY
051200	STRUCTURAL STEEL FRAMING
052100	STEEL JOIST FRAMING
053100	STEEL DECKING
054000	COLD FORMED METAL FRAMING
061000	ROUGH CARPENTRY
061600	SHEATHING

<u>Full Name</u>	<u>Discipline</u>	<u>Seal</u>
Zachary Walser Stroud EM Structural, PLLC Firm License # P-1423	Engineer	 

FORM OF SINGLE PRIME GENERAL CONTRACTOR PROPOSAL

New Judicial Center & Annex Renovations
Franklin County
Architect's Project #21054

Bidder: _____
Date: _____

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Proposal as principal of principals is or are named herein and that no other person than herein mentioned has any interest in this Proposal or in the contract to be entered into; that this proposal is made without connection with any other person, company or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud. The Bidder further declares that he has examined the site of the Work and the Contract Documents relative thereto and has read all special provisions furnished prior to the opening of bids; that he has satisfied himself relative to the work to be performed.

The bidder proposes and agrees if this Proposal is accepted to contract with Franklin County in the form of contract specified, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation, and labor necessary to complete the new construction & renovations for the New Franklin County Judicial Center & Courthouse Annex Renovations in full accordance with the plans, specifications, and contract documents, to the full and entire satisfaction of Franklin County with a definite understanding that no money will be allowed for extra work except as set forth in the General Conditions and Contract Documents for the sum of:

SINGLE PRIME CONTRACT: _____

BASE BID _____

_____ Dollars(\$)

Subcontractors:	License No.	Dollars(\$)
Civil:	_____	_____
Plumbing:	_____	_____
Mechanical:	_____	_____
Electrical:	_____	_____
Fire Sprinkler:	_____	_____

The Bidder further proposes and agrees hereby to commence work under this contract on a date to be specified in a written order of the Architect and shall fully complete all work within **540** consecutive calendar days from date of commencement established in a Notice to Proceed.

BIDDER further agrees to pay substantial completion liquidated damages, the sum of \$500 for each consecutive calendar, and this amount shall be assessed in accordance with Subparagraph 8.5.1 of the General Conditions.

ALTERNATES

Should any of the alternates as described in the contract documents be accepted, the amount written below shall be the amount to be “added to” or “deducted from” the base bid. (Strike out “Add” or “Deduct” as appropriate.)

GENERAL CONTRACT:

Alternate No. 1: Two-Ply Roofing:

(Add)(Deduct) _____ Dollars (\$) _____

UNIT PRICES

Unit prices quoted and accepted shall apply throughout the life of the contract, except as otherwise specifically noted. Unit prices shall be applied, as appropriate, to compute the total value of changes in the base bid quantity of the work all in accordance with the contract documents.

GENERAL CONTRACT:

Unit Price No. 1: Undercut of Unsuitable Material (Open Excavations) Per 1 CY Unit Price (\$) _____

Unit Price No. 2: Undercut of Unsuitable Material (Trenches) Per 1 CY Unit Price (\$) _____

Unit Price No. 3: Rock Excavation (Trenches): Per 1 CY Unit Price (\$) _____

Unit Price No. 4: Data Outlet & Conduit Per 1 outlet Unit Price (\$) _____

Unit Price No. 5: Duplex Receptacle & Circuit Per 1 outlet Unit Price (\$) _____

Unit Price No. 6: Structural Fabric Per 1 SY Unit Price (\$) _____

Unit Price No. 7: CRAVE System Microphone Drop Per 1 Instance Unit Price (\$) _____

Unit Price No. 8: CRAVE System Speaker Drop Per 1 Instance Unit Price (\$) _____

Unit Price No. 9: CRAVE System Camera Drop Per 1 Instance Unit Price (\$) _____

Unit Price No. 10: CRAVE System Network Drop Per 1 Instance Unit Price (\$) _____

Unit Price No. 11: CRAVE System Receptacle Drop Per 1 Instance Unit Price (\$) _____

Unit Price No. 12: CRAVE System AV Rack Location Per 1 Instance Unit Price (\$) _____

The undersigned further agrees that in the case of failure on his part to execute the said contract and the bond within ten (10) consecutive calendar days after written notice being given on the award contract, the check, cash or bid bond accompanying this bid shall be paid into the funds of the Owner's account set aside for the project, as liquidated damages for such failure; otherwise the check, cash or bid bond accompanying this proposal shall be returned to the undersigned.

Attach certified check, cash or bid bond to this proposal.

Respectfully submitted this _____ day of _____ 20_____.

Name of firm or corporation making bid

WITNESS:

By: _____

Proprietorship or Partnership

Title: _____

(Owner, Partner, Pres., V. Pres.)

Address: _____

License No: _____

Federal ID No: _____

(Corporate Seal)

ATTEST:

By: _____

Title: _____

(Corp. Sec. or Asst. Sec. Only)

Addenda received and used in computing bid:

Addendum No. 1 _____ Addendum No. 3 _____

Addendum No. 2 _____ Addendum No. 4 _____

For All Official Notices:

Name and Title

Name of Firm/Corporation

Street Address, City, State and Zip

Telephone and Fax Numbers



September 18, 2025

Mr. Joseph Klimek
Oakley Collier Architects
109 Candlewood Road
Rocky Mount, NC 27804

**RE: Hazardous Material Survey Report
Judicial Annex Building
113 South Main Street
Louisburg, NC
AEC Project #25208**

Mr. Klimek:

Affinity Environmental Consulting, LLC conducted a hazardous materials survey at the above referenced site. Please find the final report attached.

Thank you for the opportunity to be of service. If you have any questions or need additional information, please do not hesitate to call.

Sincerely,
Affinity Environmental Consulting, LLC

A handwritten signature in dark ink, appearing to read 'Mike Cook'.

Mike Cook, CIEC
Principal

Attachments



HAZARDOUS MATERIALS SUREY REPORT

for

Judicial Annex Building
113 South Main Street
Louisburg, North Carolina

AEC Project #25208

Prepared For:

Oakley Collier Architects
109 Candlewood Road
Rocky Mount, NC 27804

Prepared By:

Affinity Environmental Consulting, LLC
P.O. Box 7153
Asheville, NC 28802

Asbestos Inspector: Mike Cook (NC Accreditation #12016)

Lead Inspector: Mike Cook (NC Accreditation #120218)

Report Prepared: September 18, 2025

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 - 2.2 Disclaimer
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APPENDICES

- APPENDIX A - Asbestos Inspection Homogeneous Areas & Results
- APPENDIX B - Asbestos PLM Bulk Sample Laboratory Results
- APPENDIX C - Lead Survey XRF Results
- APPENDIX D - Photographs

1.0 Asbestos Inspection

1.1 SUMMARY: On September 16th, 2025, Affinity Environmental Consulting, LLC (AEC) conducted an asbestos inspection of the Judicial Annex Building located at 113 South Main Street in Louisburg, North Carolina. AEC was retained by Oakley Collier Architects to conduct the inspection prior to renovation of the building. Bulk samples of suspect asbestos-containing materials (ACM) were collected and analyzed using Polarized Light Microscopy (PLM).

1.2 BUILDING DESCRIPTION: The building is a single story, steel framed building on concrete slab. The building was completely renovated in 1995. The building is currently used by Franklin County Government as a Judicial Annex. Interior walls are drywall. Exterior walls are brick. Ceilings are suspended ceiling tiles. Flooring consists of carpet and vinyl floor tile on concrete. The roof is flat with foam and membrane roofing layers on wood decking. Mechanical HVAC and piping systems are insulated with fiberglass insulations.

1.3 SAMPLE COLLECTION: Bulk samples were collected of suspect asbestos-containing materials (ACM) in general accordance with sampling protocols established in US EPA Regulation 40 CFR Part 763 Asbestos Hazard Emergency Response Act (AHERA). The bulk sampling was conducted to fulfill requirements as set forth in EPA's National Emissions Standards for Hazardous Air Pollutants (NESHAPS) asbestos regulation, 40 CFR, Part 61, Subpart M which requires an asbestos evaluation of buildings scheduled for renovation or renovation.

Suspect materials are divided into homogeneous areas for sampling. A homogeneous area is described as a section of material with the same color, texture, age, composition, and other characteristics that indicate a continuity of the material. The bulk samples were taken of non-friable and friable (material, which can be crumbled or reduced to powder by hand pressure). The suspected ACM samples were taken from Miscellaneous (MISC) materials. No Surfacing (SURF) or Thermal Systems Insulation (TSI) materials were observed. Attached in **Appendix A** are descriptions of the homogenous areas identified and an estimate of quantity of asbestos, location, and type of asbestos in each homogeneous area. All quantities are estimates and should be field verified for all other uses. If no asbestos was detected in a sample, it is indicated as None Detected.

1.4 SAMPLE ANALYSIS: The samples were shipped via FedEx to SAI, an NVLAP accredited laboratory, in Greensboro, NC for PLM analysis. PLM is the EPA approved method for analyzing bulk samples for asbestos. This method utilizes a light microscope equipped with polarizing filters. The identification of asbestos fibers is determined by the visual properties displayed when the sample is treated with various dispersion staining liquids. The actual structure of the fiber and the effect of polarized light on the fiber substantiate identification. The limit of detection of asbestos by PLM is about 1 percent by area; thus, samples containing less than 1 percent of asbestos are not reliably detected by this technique. The PLM method does determine both the percent (1% or above) and type of asbestos in the bulk sample.

1.5 RESULTS: No asbestos-containing materials were identified in the Judicial Annex Building. Homogeneous area details and results are listed in Appendix A. Laboratory analysis data is attached in Appendix B.

1.6 RECOMMENDATIONS AND REQUIREMENTS: Recommendations are made with knowledge of how asbestos-containing materials are generally handled during a renovation or demolition. Before proceeding with renovation or demolition of any building or the removal of any asbestos-containing materials, friable or non-friable, contact the regulatory agency with EPA-NESHAPS authority for the area where the work is to occur. In North Carolina, the NC DHHS/Division of Public Health Hazards Control Unit has that authority. Their contact information is:

Health Hazards Control Unit
NC DHHS/Division of Public Health
1912 Mail Service Center
Raleigh, NC 27699-1912
Phone: 919-707-5950

Website: www.epi.state.nc.us/epi/asbestos/renovation.html

According to current EPA regulations, asbestos-containing materials (ACM) are any materials containing more than 1% by weight of any mixture of asbestos types. The disposed asbestos must be placed in a landfill that is accredited to receive these materials. This landfill must be notified of the presence of ACM debris and waste before disposal. Affinity recommends that any asbestos-containing materials identified be removed by a North Carolina Department of Health and Human Services Health Hazards Control Unit accredited asbestos contractor prior to disturbance.

Additional sampling may be necessary if additional suspect asbestos-containing materials are discovered during the renovation process.

END OF SECTION

2.0 Lead-Based Paint Survey Report

2.1 SUMMARY: On September 16th, 2025, Affinity Environmental Consulting, LLC (AEC) performed a lead-based paint survey of the Judicial Annex Building located at 113 South Main Street in Louisburg, North Carolina. AEC was retained by Oakley Collier Architects to perform the survey prior to renovation of the building. The LBP survey was performed on interior and exterior painted major building components of the building. A Viken Pb200e spectrum XRF analyzer was used for the survey.

2.2 DISCLAIMER: This is our report of X-Ray Fluorescence (XRF) analysis. The presence or absence of lead-based paint or lead-based paint hazards applies only to tested surfaces on the date of the field visit and these conditions may change due to deterioration or maintenance. Ongoing monitoring by the owner is usually necessary. Please review this report fully; including any remarks printed on each page and contact us for an explanation of any aspect of this report, written or printed, which you do not fully understand.

2.3 RESULTS: The XRF paint survey indicates Lead-Based Paint (or lead content) at or above the federal regulatory level of 1.0 mg/cm² in the Judicial Annex Building:

TABLE 1 – Lead-Based Painted (or Lead-Containing) Components Identified					
Paint Color	Substrate	Component	Location	Result mg/cm ²	Photo
White	Porcelain	Sinks	Throughout Restrooms in Building	43	1

The survey identified lead in the coating on the white porcelain restroom sinks. EPA/HUD does not consider porcelain sinks to contain Lead-Based Paint per definition, however, if the porcelain sinks are disturbed during renovation or demolition activities, it may cause lead dust to be released into the environment. HUD's Lead-safe work methods should be implemented if the sinks are to be disturbed. The lead-based painted components listed in the previous table represent all lead-containing components found in a particular building and should be treated as such unless specific locations are listed. FOR EXAMPLE, all porcelain sinks, **unless specifically tested**, should be treated as lead-containing during renovation activities. See the all XRF testing data attached in Appendix C and photographs in Appendix D.

2.4 RECOMMENDATIONS: According to the North Carolina Department of Health and Human Services (NCDHHS), any painted building component containing lead levels greater than or equal to 1.0 mg/cm² (XRF) or 0.06% by weight (paint chip analysis) must be disposed of in a construction and renovation landfill or municipal solid waste landfill (Subtitle D). It is common knowledge throughout the lead removal industry that the OSHA PEL lead level of 50 ug/m³ is likely to be exceeded during the disturbance of painted building components with lead levels equal to or greater than 1.0 mg/cm² or 0.5% by weight. All other tested building components containing lower lead levels, less than 1.0 mg/cm², have less potential for the OSHA PEL level of 50 ug/m³ to be reached during controlled disturbance. When conducting activities that involve the disturbance

of any components containing lead-based paints, OSHA Construction Standard 29 CFR 1926.62 procedures should be implemented. At a minimum, this includes, negative exposure assessments, training, medical surveillance, and personal protection. In addition, lead-based paint and lead-based painted components should be properly disposed in accordance with local, state, and federal regulations and requirements.

END OF SECTION

3.0 Hazard Assessment of Other Materials

On September 16th, 2025, Affinity Environmental Consulting, LLC (AEC) performed a visual hazard assessment of the Judicial Annex Building located at 113 South Main Street in Louisburg, North Carolina. AEC was retained by Oakley Collier Architects to perform the assessment prior to renovation of the building to identify potential environmental hazards other than asbestos and lead including fuel storage tanks, electrical transformers, fluorescent light ballast, mercury-containing switches, or chemicals that should be addressed for proper handling and disposal during the renovation process. The following materials were identified that will require attention during the renovation of the building.

1. HID and fluorescent lighting fixtures and were identified throughout the interior and exterior of the building.
 - The bulbs of these fixtures commonly contain Mercury. All lighting bulbs should be carefully removed and properly disposed of according to all federal, state, and local regulations prior to disturbance. Note: A green color on the ends of the bulbs does “NOT” mean that the bulbs are mercury-free.
 - The ballast of older fluorescent and HID lighting fixtures as well as older electrical transformers commonly contain polychlorinated biphenyl’s (PCB’s). To determine PCB content on any ballast found not labeled with the “Contains No PCB’s” statement, the entire ballast must be removed and laboratory analysis performed. Any suspect PCB-containing light ballast or electrical transformers should be carefully handled and disposed of according to all federal, state, and local regulations prior to disturbance.
2. Air conditioning and water fountain equipment located in the building is suspected to contain Chlorinated Fluorocarbons (CFC’s) refrigerant gases. This equipment should be properly managed according to all federal, state, and local regulations.
3. All cleaning chemicals and fire extinguishers located in the building should be properly managed according to all federal, state, and local regulations.
4. There are above ground and underground utility lines (drain, power, water, steam, gas, electrical, communications, etc.) located in and around the building. This should be discussed with the owner prior to renovation activities to avoid damaging any existing utilities on the site.

END OF SECTION

APPENDIX A

Asbestos Inspection Homogeneous Areas & Results

Asbestos Inspection Judicial Annex Building 113 South Main Street Louisburg, North Carolina

Homogeneous Area					Material Description			
Number	Description	Sample #	Sample Location	Total Asbestos % and Type	Location(s)	Estimated Quantity	Condition	Potential for Disturbance
A-01	Carpet Glue MISC - NF	A-01-01	Court Room	None Detected	Throughout Building	Not Quantified	G	PD
		A-01-02	Deeds Office	None Detected				
		A-01-03	Office 7	None Detected				
		A-01-04	116 Jury	None Detected				
		A-01-05	113 Judge	None Detected				
A-02	2' x 2' Ceiling Tile MISC - F	A-02-01	Room 103	None Detected	Throughout Building	Not Quantified	G	PD
		A-02-02	Room 103	None Detected				
		A-02-03	Deeds Office	None Detected				
		A-02-04	117 Clerk	None Detected				
A-03	Drywall & Joint Compound Wall System MISC - F	A-03-01	Room 103	None Detected	Throughout Building	Not Quantified	G	PD
		A-03-02	117 Clerk	None Detected				
		A-03-03	112 Break Room	None Detected				
A-04	Green Vinyl Cove Base & Mastic MISC - NF	A-04-01	Room 103	None Detected	Various Areas of Building	Not Quantified	G	PD
		A-04-02	Room 103	None Detected				
A-05	Black Vinyl Cove Base & Mastic MISC - NF	A-05-01	Deeds Office	None Detected	Various Areas of Building	Not Quantified	G	PD
		A-05-02	Deeds Office	None Detected				
A-06	12" x 12" Gray Floor Tile & Mastic MISC - NF	A-06-01	Deeds Office	None Detected	Deed Book Room Under Carpet	Not Quantified	G	PD
		A-06-02	Deeds Office	None Detected				
A-07	12" x 12" Green Floor Tile & Mastic MISC - NF	A-07-01	Deeds Office	None Detected	Deeds Office Reception Area	Not Quantified	G	PD
		A-07-02	Deeds Office	None Detected				
A-08	Gray LVT Flooring MISC - NF	A-08-01	Deeds Office Break Room	None Detected	Deeds Office Break Room	Not Quantified	G	PD
		A-08-02	Deeds Office Break Room	None Detected				
A-09	Gray Sink Undercoating MISC - NF	A-09-01	Deeds Office Break Room	None Detected	Deeds Office Break Room Sink	1 Sink	G	PD
NOTE: Quantities Listed are for inspection purposes only. Quantities should be field verified for all other uses.								
SURF = Surfacing MISC = Miscellaneous Material TSI = Thermal System Insulation		F= Friable NF = Non-friable DNA = Did Not Analyze ND = None Detected	SF = Square Feet LF = Linear Feet CF = Cubic Feet	G = Good D = Damaged SD = Significantly Damaged	LPD = Low Potential for Disturbance PD = Potential for Disturbance PSD = Potential of Significant Disturbance			

Asbestos Inspection Judicial Annex Building 113 South Main Street Louisburg, North Carolina

Homogeneous Area					Material Description			
Number	Description	Sample #	Sample Location	Total Asbestos % and Type	Location(s)	Estimated Quantity	Condition	Potential for Disturbance
A-10	Paper Wrap Over Fiberglass Pipe Insulation MISC - NF	A-10-01	Restroom	None Detected	Throughout Piping In Building	Not Quantified	G	PD
A-11	12" x 12" Gray & Dk. Gray Floor Tile & Mastic MISC - NF	A-11-01	112 Break Room	None Detected	112 Break Room	Not Quantified	G	PD
		A-11-02	112 Break Room	None Detected				
A-12	12" x 12" Gray Floor Tile & Mastic MISC - NF	A-12-01	Holding Cell	None Detected	Holding Cell	Not Quantified	G	PD
		A-12-02	Holding Cell	None Detected				
A-13	12" x 12" Gray Floor Tile & Mastic MISC - NF	A-13-01	109 Storage	None Detected	109 Storage Room	Not Quantified	G	PD
		A-13-02	109 Storage	None Detected				
A-14	White Pliable Exterior Window Caulking MISC - NF	A-14-01	Exterior Glass Block Window	None Detected	Exterior Glass Block Windows	Not Quantified	G	PD
		A-14-02	Exterior Glass Block Window	None Detected				
A-15	Red Pliable Exterior Window & Door Frame Caulking MISC - NF	A-15-01	Exterior Door Frame	None Detected	Exterior Window & Door Frames of Building	Not Quantified	G	PD
		A-15-02	Exterior Window Frame	None Detected				
A-16	White Caulking on Parapet Roof Coping MISC - NF	A-16-01	Roof Coping	None Detected	On Concrete Roof Coping Joints	Not Quantified	G	PD
		A-16-02	Roof Coping	None Detected				
A-17	Black Tar Flashing Mastic MISC - NF	A-17-01	Roof at Adjacent Building	None Detected	Roof on Brick Wall Where Adjoins Adjacent Building (Old Flashing Area)	Not Quantified	G	PD
		A-17-02	Roof at Adjacent Building	None Detected				

NOTE: Quantities Listed are for inspection purposes only. Quantities should be field verified for all other uses.

SURF = Surfacing MISC = Miscellaneous Material TSI = Thermal System Insulation	F= Friable NF = Non-friable DNA = Did Not Analyze ND = None Detected	SF = Square Feet LF = Linear Feet CF = Cubic Feet	G = Good D = Damaged SD = Significantly Damaged	LPD = Low Potential for Disturbance PD = Potential for Disturbance PSD = Potential of Significant Disturbance
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APPENDIX B

Asbestos PLM Bulk Sample Laboratory Results



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Affinity Environmental Consulting, LLC
P.O. Box 7153
Asheville, NC 28802

Attn: Mike Cook

Lab Order ID: 10092246

Analysis: PLM

Date Received: 09/16/2025

Date Reported: 09/17/2025

Project: Judicial Annex-Louisburg

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-01-01		None Detected		100% Other	Yellow
10092246_0001					Non-Fibrous Homogeneous Dissolved
A-01-02		None Detected		100% Other	Yellow
10092246_0002					Non-Fibrous Homogeneous Dissolved
A-01-03		None Detected		100% Other	Black, Yellow
10092246_0003					Non-Fibrous Homogeneous Dissolved
A-01-04		None Detected		100% Other	Yellow
10092246_0004					Non-Fibrous Homogeneous Dissolved
A-01-05		None Detected		100% Other	Green, Yellow
10092246_0005					Non-Fibrous Homogeneous Dissolved
A-02-01		None Detected	85% Mineral Wool	15% Other	Pink
10092246_0006					Fibrous Homogeneous Teased
A-02-02		None Detected	85% Mineral Wool	15% Other	Pink
10092246_0007					Fibrous Homogeneous Teased
A-02-03		None Detected	85% Mineral Wool	15% Other	Pink
10092246_0008					Fibrous Homogeneous Teased

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Charmel Dozier (53)

Analyst

Nathaniel J. Durham

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Affinity Environmental Consulting, LLC
P.O. Box 7153
Asheville, NC 28802

Attn: Mike Cook

Lab Order ID: 10092246

Analysis: PLM

Date Received: 09/16/2025

Date Reported: 09/17/2025

Project: Judicial Annex-Louisburg

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-02-04		None Detected	85% Mineral Wool	15% Other	Pink Fibrous Homogeneous
10092246_0009					Teased
A-03-01		None Detected	10% Cellulose	90% Other	White Fibrous Homogeneous
10092246_0010	drywall: none detected; joint compound: none detected				Crushed
A-03-02		None Detected	10% Cellulose	90% Other	White Fibrous Homogeneous
10092246_0011	drywall: none detected; joint compound: none detected				Crushed
A-03-03		None Detected	10% Cellulose	90% Other	White Fibrous Homogeneous
10092246_0012	drywall: none detected; joint compound: none detected				Crushed
A-04-01 - A		None Detected		100% Other	Green Non-Fibrous Homogeneous
10092246_0013	cove base				Dissolved
A-04-01 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0039	mastic				Dissolved
A-04-02 - A		None Detected		100% Other	Green Non-Fibrous Homogeneous
10092246_0014	cove base				Dissolved
A-04-02 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0040	mastic				Dissolved

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Affinity Environmental Consulting, LLC
P.O. Box 7153
Asheville, NC 28802

Attn: Mike Cook

Lab Order ID: 10092246

Analysis: PLM

Date Received: 09/16/2025

Date Reported: 09/17/2025

Project: Judicial Annex-Louisburg

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-05-01 - A		None Detected		100% Other	Black Non-Fibrous Homogeneous
10092246_0015	cove base				Dissolved
A-05-01 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0041	mastic				Dissolved
A-05-02 - A		None Detected		100% Other	Black Non-Fibrous Homogeneous
10092246_0016	cove base				Dissolved
A-05-02 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0042	mastic				Dissolved
A-06-01 - A		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0017	top mastic				Dissolved
A-06-01 - B		None Detected		100% Other	Purple, White Non-Fibrous Homogeneous
10092246_0043	tile				Dissolved
A-06-02 - A		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0018	top mastic				Dissolved
A-06-02 - B		None Detected		100% Other	White, Purple Non-Fibrous Homogeneous
10092246_0044	tile				Dissolved

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



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Asheville, NC 28802

Attn: Mike Cook

Lab Order ID: 10092246

Analysis: PLM

Date Received: 09/16/2025

Date Reported: 09/17/2025

Project: Judicial Annex-Louisburg

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-07-01 - A		None Detected		100% Other	Green Non-Fibrous Homogeneous
10092246_0019	tile				Dissolved
A-07-01 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0045	mastic				Dissolved
A-07-02 - A		None Detected		100% Other	Green Non-Fibrous Homogeneous
10092246_0020	tile				Dissolved
A-07-02 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0046	mastic				Dissolved
A-08-01 - A		None Detected		100% Other	Gray Non-Fibrous Homogeneous
10092246_0021	flooring				Dissolved
A-08-01 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0047	mastic				Dissolved
A-08-02 - A		None Detected		100% Other	Gray Non-Fibrous Homogeneous
10092246_0022	flooring				Dissolved
A-08-02 - B		None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10092246_0048	mastic				Dissolved

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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Affinity Environmental Consulting, LLC
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Asheville, NC 28802

Attn: Mike Cook

Lab Order ID: 10092246

Analysis: PLM

Date Received: 09/16/2025

Date Reported: 09/17/2025

Project: Judicial Annex-Louisburg

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-09-01		None Detected	5% Cellulose	95% Other	Gray
10092246_0023					Non-Fibrous Homogeneous Dissolved
A-10-01		None Detected	90% Cellulose 2% Fiber Glass	8% Other	White
10092246_0024					Fibrous Homogeneous Ashed
A-11-01 - A		None Detected		100% Other	Gray
10092246_0025	tile				Non-Fibrous Homogeneous Dissolved
A-11-01 - B		None Detected		100% Other	Yellow
10092246_0049	mastic				Non-Fibrous Homogeneous Dissolved
A-11-02 - A		None Detected		100% Other	Gray
10092246_0026	tile				Non-Fibrous Homogeneous Dissolved
A-11-02 - B		None Detected		100% Other	Yellow
10092246_0050	mastic				Non-Fibrous Homogeneous Dissolved
A-12-01 - A		None Detected		100% Other	Gray
10092246_0027	tile				Non-Fibrous Homogeneous Dissolved
A-12-01 - B		None Detected		100% Other	Yellow
10092246_0051	mastic				Non-Fibrous Homogeneous Dissolved

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Analysis: PLM

Date Received: 09/16/2025

Date Reported: 09/17/2025

Project: Judicial Annex-Louisburg

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-12-02 - A		None Detected		100% Other	Gray
10092246_0028	tile				Non-Fibrous Homogeneous Dissolved
A-12-02 - B		None Detected		100% Other	Yellow
10092246_0052	mastic				Non-Fibrous Homogeneous Dissolved
A-13-01		None Detected		100% Other	Gray
10092246_0029	tile only				Non-Fibrous Homogeneous Dissolved
A-13-02 - A		None Detected		100% Other	Gray
10092246_0030	tile				Non-Fibrous Homogeneous Dissolved
A-13-02 - B		None Detected		100% Other	Yellow
10092246_0053	mastic				Non-Fibrous Homogeneous Dissolved
A-14-01		None Detected		100% Other	Gray
10092246_0031					Non-Fibrous Homogeneous Dissolved
A-14-02		None Detected		100% Other	Gray
10092246_0032					Non-Fibrous Homogeneous Dissolved
A-15-01		None Detected		100% Other	Red
10092246_0033					Non-Fibrous Homogeneous Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (53)

Analyst

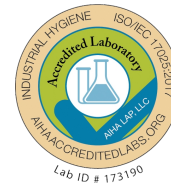
Nathaniel J. Durham

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Affinity Environmental Consulting, LLC
P.O. Box 7153
Asheville, NC 28802

Attn: Mike Cook

Lab Order ID: 10092246

Analysis: PLM

Date Received: 09/16/2025

Date Reported: 09/17/2025

Project: Judicial Annex-Louisburg

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
A-15-02		None Detected		100% Other	Red
10092246_0034					Non-Fibrous Homogeneous Dissolved
A-16-01		None Detected		100% Other	Gray, Beige
10092246_0035					Non-Fibrous Homogeneous Dissolved
A-16-02		None Detected		100% Other	Beige, Gray
10092246_0036					Non-Fibrous Homogeneous Dissolved
A-17-01		None Detected		100% Other	Black
10092246_0037					Non-Fibrous Homogeneous Dissolved
A-17-02		None Detected		100% Other	Black
10092246_0038					Non-Fibrous Homogeneous Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Charmel Dozier (53)

Analyst

Nathaniel J. Durham

Approved Signatory



Scientific Analytical Institute
4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10092246
Client Code: _____

Company Contact Information

Company: Affinity Environmental Consulting, LLC	Contact: Mike Cook
Address: P.O. Box 7153	Phone <input type="checkbox"/> : (828) 508-3812
Ashville, NC 28802	Fax <input type="checkbox"/> :
	Email <input checked="" type="checkbox"/> : mcook@affinityenv.com

Billing/Invoice Information

Company: SAME	90 Min. <input type="checkbox"/>	48 Hours <input type="checkbox"/>
Contact:	3 Hours <input type="checkbox"/>	72 Hours <input type="checkbox"/>
Address:	6 Hours <input type="checkbox"/>	96 Hours <input type="checkbox"/>
	12 Hours <input type="checkbox"/>	120 Hours <input type="checkbox"/>
	24 Hours <input checked="" type="checkbox"/>	144* Hours <input type="checkbox"/>

Turn Around Times

Asbestos Test Types

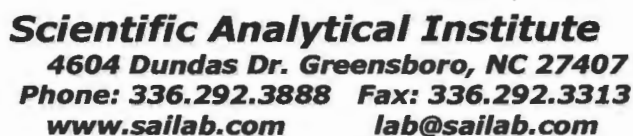
PLM EPA 600/R-93/116 (PLM)	<input checked="" type="checkbox"/>
Positive stop	<input type="checkbox"/>
PLM Point Count 400 (PT4)	<input type="checkbox"/>
PLM Point Count 1000 (PTM)	<input type="checkbox"/>
PCM NIOSH 7400-A Rules (PCM)	<input type="checkbox"/>
B Rules (PCB) <input type="checkbox"/> TWA (PTA) <input type="checkbox"/>	
TEM AHERA (AHE)	<input type="checkbox"/>
TEM Level II (LII)	<input type="checkbox"/>
TEM NIOSH 7402 (TNI)	<input type="checkbox"/>
TEM Bulk Qualitative (TBL)	<input type="checkbox"/>
TEM Bulk Chatfield (TBS)	<input type="checkbox"/>
TEM Bulk Quantitative (TBQ)	<input type="checkbox"/>
TEM Wipe ASTM D6480-05	<input type="checkbox"/>
TEM Microvac ASTM D5755-02	<input type="checkbox"/>
TEM Water EPA 100.2 (TW1)	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>

PO Number:
Project Name/Number: Judicial Annex - Louisville

Sample ID #	Description/Location	Volume/Area	Comments
A-01-01			
A-01-02			
A-01-03			
A-01-04			
A-01-05			
A-02-01			
A-02-02			
A-02-03			
A-02-04			
A-03-01			
A-03-02			

Total # of Samples 338

Relinquished by	Date/Time	Received by	Date/Time
John Cal	9/16/25	AMC	9/16/25 1:15



Client Code: _____

Page 2 of 2
A-E-017 EXP:2/4/2021

APPENDIX C

Lead Survey XRF Results

XRF PAINT TESTING DATA

Judicial Annex Building

113 South Main Street

Louisburg, NC

TEST #	DATE	TIME	COLOR	SUBSTRATE	COMPONENT	LOCATION	PbC mg/cm ²	RESULT
1	9/16/2025	11:12:04	GREEN	METAL	DOOR CASE	ENTRY CORRIDOR	0.1	Negative
2	9/16/2025	11:12:17	GREEN	METAL	DOOR CASE	ENTRY CORRIDOR	0.1	Negative
3	9/16/2025	11:14:56	WHITE	DRYWALL	WALL	103	0.2	Negative
4	9/16/2025	11:15:12	WHITE	DRYWALL	WALL	103	0.2	Negative
5	9/16/2025	11:26:19	RUST	METAL	JOIST	103	0	Negative
6	9/16/2025	11:29:31	RUST	METAL	I-BEAM	103	0.1	Negative
7	9/16/2025	11:31:45	WHITE	DRYWALL	WALL	DEEDS OFFICE	0	Negative
8	9/16/2025	11:46:06	GREEN	METAL	DOOR CASE	DEEDS OFFICE	0.1	Negative
9	9/16/2025	11:50:26	GRAY	CERAMIC	WALL	RESTROOM	0.2	Negative
10	9/16/2025	11:50:44	GRAY	CERAMIC	FLOOR	RESTROOM	0.4	Negative
11	9/16/2025	11:51:12	WHITE	PORCELAIN	SINK	RESTROOM	43	Positive
12	9/16/2025	11:51:57	WHITE	PORCELAIN	TOILET	RESTROOM	0	Negative
13	9/16/2025	11:52:43	BROWN	CERAMIC	FLOOR	CORRIDOR	0.2	Negative
14	9/16/2025	12:02:52	Lt. BLUE	DRYWALL	WALL	117	0.1	Negative
15	9/16/2025	12:03:14	GREEN	METAL	DOOR CASE	117	0	Negative
16	9/16/2025	12:26:33	GRAY	METAL	I-BEAM	MEZZANINE	0.3	Negative
17	9/16/2025	12:26:45	GRAY	METAL	I-BEAM	MEZZANINE	0.3	Negative
18	9/16/2025	12:27:21	WHITE	BRICK	WALL	MEZZANINE	0.1	Negative
19	9/16/2025	12:39:41	RED	METAL	DOOR	EXTERIOR	0.2	Negative
20	9/16/2025	12:40:27	RED	METAL	LINTEL	EXTERIOR	0.1	Negative
21	9/16/2025	12:40:46	RED	METAL	LINTEL	EXTERIOR	0.1	Negative
22	9/16/2025	12:41:43	RED	METAL	HAND RAIL	EXTERIOR	0	Negative
23	9/16/2025	12:42:00	RED	METAL	HAND RAIL	EXTERIOR	0	Negative

APPENDIX D

Photographs

HAZARDOUS MATERIAL SURVEY Photographs
Judicial Annex Building
113 South Main Street | Louisburg, NC



Photograph 1 - Typical Lead-Coating on Sinks Located Throughout Restrooms of Building.

**SECTION 01 21 00
ALLOWANCES****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Cash/Unit Price allowances.
- B. Contingency allowance.
- C. Payment and modification procedures relating to allowances.

1.02 RELATED REQUIREMENTS

- A. Section 01 20 00 - Price and Payment Procedures: Additional payment and modification procedures.

1.03 CASH/UNIT PRICE ALLOWANCES

- A. Costs Included in Cash/Unit Price Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts
- B. Architect Responsibilities:
 - 1. Consult with Contractor for consideration and selection of products .
 - 2. Select products in consultation with Owner and transmit decision to Contractor.
- C. Contractor Responsibilities:
 - 1. Assist Architect in selection of products .
 - 2. Obtain proposals from suppliers and installers and offer recommendations.
 - 3. On notification of which products have been selected, execute purchase agreement with designated supplier and installer.
 - 4. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
 - 5. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.

1.04 CONTINGENCY ALLOWANCE

- A. All expenditures from Contingency Allowance shall be approved by Architect prior to ordering, purchasing or committing to expenditure.
- B. Contractor's costs for products, delivery, installation, labor, insurance, payroll, taxes, bonding, equipment rental, overhead and profit will be included in Change Orders authorizing expenditure of funds from this Contingency Allowance.
- C. Funds will be drawn from the Contingency Allowance only by Contingency Disbursement or Change Order. The Architect shall provide a Contingency Disbursement form for use and shall keep account of all funds approved/used.
- D. At closeout of Contract, funds remaining in Contingency Allowance will be credited to Owner by Change Order.

1.05 ALLOWANCES SCHEDULE

- A. **Unit Price Allowance No. 1 - Undercut of Unsuitable Material (Open Excavations)**
 - 1. The contractor shall stipulate the allowance amount to be included in the Base Bid for 6,000 cubic yards based on the description of work and unit of measurement cost provided for in Section 01 22 00 - Unit Prices, Unit Price No. 1.
- B. **Unit Price Allowance No.2 - Undercut of Unsuitable Material (Trenches)**
 - 1. The contractor shall stipulate the allowance amount to be included in the Base Bid for 1,000 cubic yards based on the description of work and unit of measurement cost provided for in Section 01 22 00 - Unit Prices, Unit Price No. 2.
- C. **Unit Price Allowance No. 3 - Rock Excavation (Trenches)**

1. The contractor shall stipulate an amount to be included in the Base Bid to provide 1,750 cubic yards rock excavation based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 3.
- D. **Unit Price Allowance No. 4 - Data Outlet and Conduit.**
 1. The contractor shall stipulate the allowance amount to be included in the Base Bid for 50 occurrences based on the description of work and unit of measurement cost provided for in Section 01 22 00 - Unit Prices, Unit Price No. 4.
- E. **Unit Price Allowance No. 5 - Duplex Receptacle and Circuit.**
 1. The contractor shall stipulate the allowance amount to be included in the Base Bid for 50 occurrences based on the description of work and unit of measurement cost provided for in Section 01 22 00 - Unit Prices, Unit Price No. 5.
- F. **Unit Price Allowance No. 6 - Structural Fabric**
 1. The contractor shall stipulate an amount to be included in the Base Bid to provide 8,000 square yards of structural fabric based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 6.
- G. **Contingency Allowance No. 7 - Owner's Contingency.**
 1. Include in the base bid amount an allowance of \$200,000 for Owner's Contingency. Contingency items shall be as determined and approved by the Architect and include all materials, labor, profit, and overhead associated with the approved contingency item.
- H. **Cash Allowance No. 8 - Brick.**
 1. Include in the base bid amount an allowance of \$700 per 1000 brick for purchase and delivery of Brick Veneer. See Section Unit Masonry
- I. **Cash Allowance No. 9 - Design, Testing and Installation of Bi-Directional Amplifier (BDA) System.**
 1. The contractor include in the Base Bid a cash allowance amount of \$150,000 for the design, testing, purchase, delivery & installation of the BDA system required for the building.
- J. **Cash Allowance No. 10 - Pedestrian Traffic Control**
 1. Include in base bid amount an allowance of \$50,000 to provide pedestrian traffic barricades to channel pedestrians to a safe walking path during construction.
- K. **Cash Allowance No. 11 - Legally Dispose Contaminated Soils**
 1. Include in base bid amount an allowance of \$25,000 to properly dispose of contaminated soils found during excavation.
- L. **Unit Price Allowance No. 12 - CRAVE System Microphone Drop**
 1. The contractor shall stipulate an amount to be included in the Base Bid to provide 40 instances of CRAVE System Microphone Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 7.
- M. **Unit Price Allowance No. 13 - CRAVE System Speaker Drop**
 1. The contractor shall stipulate an amount to be included in the Base Bid to provide 40 instances of CRAVE System Speaker Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 8.
- N. **Unit Price Allowance No. 14 - CRAVE System Camera Drop**
 1. The contractor shall stipulate an amount to be included in the Base Bid to provide 20 instances of CRAVE System Camera Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 9.
- O. **Unit Price Allowance No. 15 - CRAVE System Network Drop**
 1. The contractor shall stipulate an amount to be included in the Base Bid to provide 40 instances of CRAVE System Network Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 10.
- P. **Unit Price Allowance No. 16 - CRAVE System Receptacle Drop**

1. The contractor shall stipulate an amount to be included in the Base Bid to provide 25 instances of CRAVE System Receptacle Drop based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 11.

Q. Unit Price Allowance No. 17 - CRAVE System AV Rack Location

1. The contractor shall stipulate an amount to be included in the Base Bid to provide 5 instances of CRAVE System AV Rack Location based on the description of work and unit of measurement cost provided in Section 01 22 00 - Unit Prices, Unit Price No. 12.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

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**SECTION 01 22 00
UNIT PRICES****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. List of unit prices, for use in preparing Bids.
- B. Measurement and payment criteria applicable to Work performed under a unit price payment method.
- C. Defect assessment and non-payment for rejected work.

1.02 RELATED REQUIREMENTS

- A. Section 01 20 00 - Price and Payment Procedures: Additional payment and modification procedures.

1.03 COSTS INCLUDED

- A. Unit Prices included on the Bid Form shall include full compensation for all required labor, products, tools, equipment, plant, transportation, services and incidentals; erection, application or installation of an item of the Work; overhead and profit.

1.04 UNIT QUANTITIES SPECIFIED

- A. Quantities indicated in the Bid Form are for bidding and contract purposes only. Quantities and measurements of actual Work will determine the payment amount.

1.05 MEASUREMENT OF QUANTITIES

- A. Measurement methods delineated in the individual specification sections complement the criteria of this section. In the event of conflict, the requirements of the individual specification section govern.
- B. Testing agency will take all measurements and compute quantities accordingly.
- C. Assist by providing necessary equipment, workers, and survey personnel as required.
- D. Measurement Devices:
 - 1. Weigh Scales: Inspected, tested and certified by the applicable state Weights and Measures department within the past year.
 - 2. Platform Scales: Of sufficient size and capacity to accommodate the conveying vehicle.
 - 3. Metering Devices: Inspected, tested and certified by the applicable state department within the past year.
- E. Measurement by Weight: Concrete reinforcing steel, rolled or formed steel or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook or scale weight.
- F. Measurement by Volume: Measured by cubic dimension using mean length, width and height or thickness.
- G. Measurement by Area: Measured by square dimension using mean length and width or radius.
- H. Linear Measurement: Measured by linear dimension, at the item centerline or mean chord.
- I. Stipulated Price Measurement: Items measured by weight, volume, area, or linear means or combination, as appropriate, as a completed item or unit of the Work.
- J. Perform surveys required to determine quantities, including control surveys to establish measurement reference lines. Notify Architect prior to starting work.

1.06 PAYMENT

- A. Payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities of Work that is incorporated in or made necessary by the Work and accepted by the Architect, multiplied by the unit price.
- B. Payment will not be made for any of the following:
 - 1. Products wasted or disposed of in a manner that is not acceptable.

2. Products determined as unacceptable before or after placement.
3. Products not completely unloaded from the transporting vehicle.
4. Products placed beyond the lines and levels of the required Work.
5. Products remaining on hand after completion of the Work.
6. Loading, hauling, and disposing of rejected Products.

1.07 DEFECT ASSESSMENT

- A. Replace Work, or portions of the Work, not complying with specified requirements.
- B. If, in the opinion of the Architect, it is not practical to remove and replace the Work, Architect will direct one of the following remedies:
 1. The defective Work may remain, but the unit price will be adjusted to a new unit price at the discretion of Architect, or:
 2. The defective Work will be partially repaired to the instructions of the Architect, and the unit price will be adjusted to a new unit price at the discretion of Architect.
- C. The authority of the Architect to assess the defect and identify payment adjustment is final.

1.08 SCHEDULE OF UNIT PRICES

- A. Item: Unit Price No. 1 - Undercut of Unsuitable Material (Open Excavations).
 1. Description: Complete removal and disposal of unsuitable soils encountered in open excavations and replacement with satisfactory soils, and as further defined in Division 31 20 00 - Earth Moving. This work includes, but is not limited to, excavating, loading, hauling, properly disposing and backfilling.
 2. Unit of Measurement: per (1) Cubic Yard Excavated
 - a. Description of Measurement: Measurement shall be in cubic yards (CY) of soil excavated below proposed subgrade. Measurement of undercut shall be in the presence of the engineer and must be approved. Maintain daily log sheets of measured quantities. Log sheets must be signed by Engineer and submitted with pay request. Payment shall not be made for quantities that have not been field verified by engineer.
- B. Item: Unit Price No. 2 - Undercut of Unsuitable Material (Trenches).
 1. Description: Complete removal and disposal of unsuitable soils encountered in trench excavation and replacement with satisfactory soils or Class I stone, and as further defined in Division 31 23 33 - Trenching & Backfilling for Utilities. This work includes, but is not limited to, excavating, loading, hauling, properly disposing and backfilling.
 2. Unit of Measurement: per (1) Cubic Yard Excavated
 - a. Description of Measurement: Measurement shall be in cubic yards (CY) of soil excavated below pipe bedding. Measure along the centerline of the trench times the undercut depth below the pipe bedding as approved by the Engineer times the O.D. plus four feet. Measure unstable soils at manholes on the max basis of one foot greater than the outside diameter of the manhole and a depth approved by the Engineer. Measurement shall be based on actual quantities removed but not exceeding the maximum specified trench dimensions. Measurement of undercut shall be in the presence of the engineer and must be approved. Maintain daily log sheets of measured quantities. Log sheets must be signed by Engineer and submitted with pay request. Payment shall not be made for quantities that have not been field verified by engineer.
- C. Item: Unit Price No. 3 -Rock Excavation (Trenches).
 1. Description: Complete removal and disposal of excavated rock material including, but not limited to, drilling, blasting, monitoring, excavating, loading, hauling, and properly disposing of excavated material. Providing specified material for backfilling shall include, but not be limited to, material, loading, hauling, placing and compacting and as further defined in Division 31 23 33 - Trenching & Backfilling for Utilities.
 2. Unit of Measurement: per (1) Cubic Yard Excavated.
 - a. Description of Measurement: Measurements for all rock excavation shall be per cubic yards (CY) of rock removed.

- 1) Pipe: Measure along the centerline of the trench, times the depth from the top of rock profile to the specified depth below the pipe, times the pipe OD plus five feet.
 - 2) Structure: Measure one foot beyond the outside of the structure (excluding extended base) and to a depth of one foot greater than the bottom of the structure.
 - 3) General: Take measurements in the presence of the Engineer. Maintain daily log sheets of measured quantities. Log sheets must be signed by the Engineer and submitted with payment request. Payment shall not be made for quantities that have not been field verified by the Engineer.
- D. Item: Unit Price No. 4 - Data Outlet and Conduit.
1. Description: Furnish and install data outlet and conduit to above ceiling in same configuration as delineated in the plans.
 2. Unit of Measurement: Per single outlet.
- E. Item: Unit Price No. 5 - Duplex Receptacle and Circuit.
1. Description: Furnish and install duplex receptacle and circuit to panel in same configuration as delineated in the plans.
 2. Unit of Measurement: Per single outlet.
- F. Item: Unit Price No. 6 - Structural Fabric.
1. Description: Structural fabric used to reinforce soil that includes material and placing of material, according to Division 31 20 00 - Earth Moving.
 2. Unit of Measurement: per (1) Square Yard of Material.
 - a. Description of Measurement: Measurement shall be in square yards (SY) of material, based on quantities verified by Engineer.
- G. Item: Unit Price No. 7 - CRAVE System Microphone Drop.
1. Description: For the purchase, delivery, and installation of the following items: Box with (1) XLR connector with device cover plate, 15 feet of 1/2 inch conduit to accessible ceiling space, 100 feet of 22/2 shielded low voltage cable to local AV rack.
 2. Unit of Measurement: per (1) instance.
- H. Item: Unit Price No. 8 - CRAVE System Speaker Drop.
1. Description: For the purchase, delivery, and installation of the following items: 15 ft. of 1/2 in. conduit to accessible ceiling space, 100 ft. of 16/2 unshielded speaker wire with Phoenix connector to match CRAVE speaker to local AV rack.
 2. Unit of Measurement: per (1) instance.
- I. Item: Unit Price No. 9 - CRAVE System Camera Drop.
1. Description: For the purchase, delivery, and installation of the following items: 15 ft. of 1/2 in. conduit to accessible ceiling space, 100 ft. of shielded CAT6 cable with RJ45 connectors to local AV rack.
 2. Unit of Measurement: per (1) instance.
- J. Item: Unit Price No. 10 - CRAVE System Network Drop.
1. Description: For the purchase, delivery, and installation of the following items: Box and cover plate with (1) RJ45 port, (2) sets of 15 ft. of 1/2 in. conduit to accessible ceiling space, 100 ft. of CAT6 cable with RJ45 connectors to local AV rack.
 2. Unit of Measurement: per (1) instance.
- K. Item: Unit Price No. 11 - CRAVE System Receptacle Drop.
1. Description: For the purchase, delivery, and installation of the following items: Box and cover plate, (1) standard 20A duplex tamper resistant receptacle, 15 ft. of 12/2 with ground 1/2 in. MC cable to accessible ceiling space. 100 ft. of 12/2 with ground in 1/2 in. conduit to nearest 120/208V electrical panel or nearest device. 1 circuit per courtroom.
 2. Unit of Measurement: per (1) instance.
- L. Item: Unit Price No. 12 - CRAVE System AV Rack Location.
1. Description: For the purchase, delivery, and installation of the following items: Box and cover plate, (1) standard 20A quad tamper resistant receptacle, 15 ft. of 12/2 with ground 1/2 in. MC

cable to accessible ceiling space. 100 ft. of 12/2 with ground in ½ in. conduit to nearest 120/208V electrical panel. 1 dedicated circuit per AV rack.

2. Unit of Measurement: per (1) instance.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

**SECTION 04 20 00
UNIT MASONRY****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Concrete block.
- B. Clay facing brick.
- C. Reinforcement and anchorage.
- D. Accessories.

1.02 REFERENCE STANDARDS

- A. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2023.
- B. ASTM A615/A615M - Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement; 2024.
- C. ASTM A641/A641M - Standard Specification for Zinc-Coated (Galvanized) Carbon Steel Wire; 2019.
- D. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2023.
- E. ASTM A951/A951M - Standard Specification for Steel Wire for Masonry Joint Reinforcement; 2016, with Editorial Revision (2018).
- F. ASTM A1064/A1064M - Standard Specification for Carbon-Steel Wire and Welded Wire Reinforcement, Plain and Deformed, for Concrete; 2024.
- G. ASTM C90 - Standard Specification for Loadbearing Concrete Masonry Units; 2016a.
- H. ASTM C91/C91M - Standard Specification for Masonry Cement; 2025.
- I. ASTM C129 - Standard Specification for Nonloadbearing Concrete Masonry Units; 2017.
- J. ASTM C140/C140M - Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units; 2021.
- K. ASTM C144 - Standard Specification for Aggregate for Masonry Mortar; 2025.
- L. ASTM C150/C150M - Standard Specification for Portland Cement; 2024.
- M. ASTM C207 - Standard Specification for Hydrated Lime for Masonry Purposes; 2024.
- N. ASTM C216 - Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale); 2021.
- O. ASTM C270 - Standard Specification for Mortar for Unit Masonry; 2025a.
- P. ASTM C404 - Standard Specification for Aggregates for Masonry Grout; 2024.
- Q. ASTM C476 - Standard Specification for Grout for Masonry; 2023.
- R. ASTM C780 - Standard Test Methods for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry; 2025a.
- S. ASTM C979/C979M - Standard Specification for Pigments for Integrally Colored Concrete; 2024.
- T. ASTM D226/D226M - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing; 2017.
- U. ASTM D4637/D4637M - Standard Specification for EPDM Sheet Used in Single-Ply Roof Membrane; 2015.
- V. BIA Technical Notes No. 7 - Water Penetration Resistance – Design and Detailing; 2017.
- W. BIA Technical Notes No. 13 - Ceramic Glazed Brick Exterior Walls; 2017.
- X. BIA Technical Notes No. 28B - Brick Veneer/Cold-Formed Steel Framed Walls; 2025.

- Y. BIA Technical Notes No. 46 - Maintenance of Brick Masonry; 2017.
- Z. TMS 402/602 - Building Code Requirements and Specification for Masonry Structures; 2022, with Errata (2024).
- AA. UL (FRD) - Fire Resistance Directory; Current Edition.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene a preinstallation meeting one week before starting work of this section; require attendance by all relevant installers.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data for masonry units, fabricated wire reinforcement, mortar, and masonry accessories.
- C. Samples: Submit four samples of facing brick units to illustrate color, texture, and extremes of color range.
- D. Manufacturer's Certificate: Certify that masonry units meet or exceed specified requirements.

1.05 QUALITY ASSURANCE

- A. Comply with provisions of TMS 402/602, except where exceeded by requirements of Contract Documents.
- B. Fire Rated Assemblies: Comply with applicable code for UL (FRD) Assembly No. as delineated in the plans.
- C. Manufacturer Qualifications: Company specializing in manufacturing the type of products specified in this section with minimum five years of documented experience.
- D. Installer Qualifications: Company specializing in performing work of the type specified and with at least five years of documented experience.
- E. The work of this section shall be bid and performed by a firm certified as a "North Carolina Contractors Association Certified Masonry Contractor" as described in the most current version of the NCMCA's " Guide to Masonry Contractor Certification."
 - 1. The masonry subcontractor shall at all times when work is in progress, provide an individual from its own staff designated by the North Carolina Masonry Contractors Association Masonry Certification Program as a "CMP-Certified Masonry Professional" or "CME-Certified Masonry Executive" s described in the most current version of the NCMCA's " Guide to Masonry Contractor Certification."

1.06 MOCK-UPS

- A. Construct a masonry wall as a mock-up panel sized 8 feet (2.4 m) long by 6 feet (1.8 m) high; include mortar, accessories, structural backup, and flashings (with lap joint, corner, and end dam) in mock-up.
- B. Locate where directed.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, handle, and store masonry units by means that will prevent mechanical damage and contamination by other materials.

PART 2 PRODUCTS

2.01 CONCRETE MASONRY UNITS

- A. Concrete Block: Comply with referenced standards and as follows:
 - 1. Size: Standard units with nominal face dimensions of 16 by 8 inches (400 by 200 mm) and nominal depth of 8 inches (200 mm).
 - 2. Size: Standard units with nominal face dimensions of 16 by 8 inches (400 by 200 mm) and nominal depths as indicated on drawings for specific locations.
 - 3. Special Shapes: Provide nonstandard blocks configured for corners.

4. Load-Bearing Units: ASTM C90, lightweight.
 - a. Hollow block, as indicated.
 - b. Exposed Faces: Manufacturer's standard color and texture.
5. Nonloadbearing Units: ASTM C129.
 - a. Hollow block, as indicated.
 - b. Lightweight.

2.02 BRICK UNITS

- A. Facing Brick: ASTM C216, Type FBX, Grade MW.
 1. Color and texture to match Architect's approved sample.
 2. Nominal size: As indicated on drawings.
 3. Special shapes: Molded units as required by conditions indicated, unless standard units can be sawn to produce equivalent effect.

2.03 MORTAR AND GROUT MATERIALS

- A. Mortar and Grout: As specified in Section 04 05 11.

2.04 REINFORCEMENT AND ANCHORAGE

- A. Manufacturers:
 1. Heckmann Building Products, Inc.: www.heckmannbuildingprods.com.
 2. Blok-Lok Limited: www.blok-lok.com/#sle.
 3. Hohmann & Barnard, Inc: www.h-b.com/sle.
 4. WIRE-BOND www.wirebond.com/#sle.
 5. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Reinforcing Steel: ASTM A615/A615M, Grade 40 (40,000 psi) (280 MPa), deformed billet bars; galvanized.
- C. Joint Reinforcement: Use ladder type joint reinforcement where vertical reinforcement is involved and truss type elsewhere, unless otherwise indicated.
- D. Single Wythe Joint Reinforcement: ASTM A951/A951M.
 1. Type: Ladder.
 2. Material: ASTM A1064/A1064M steel wire, mill galvanized to ASTM A641/A641M Class 3.
 3. Size: 0.1483 inch (3.8 mm) side rods with 0.1483 inch (3.8 mm) cross rods; width as required to provide not less than 5/8 inch (16 mm) of mortar coverage on each exposure.
- E. Adjustable Multiple Wythe Joint Reinforcement: ASTM A951/A951M.
 1. Type: Ladder, with adjustable ties spaced at 16 in (406 mm) on center.
 2. Material: ASTM A1064/A1064M steel wire, hot dip galvanized after fabrication to ASTM A153/A153M Class B.
 3. Size: 0.1483 inch (3.8 mm) side rods with 0.1483 inch (3.8 mm) cross rods and adjustable components of 0.1875 inch (4.8 mm) wire, width of components as required to provide not less than 5/8 inch (16 mm) of mortar coverage from each masonry face.
 4. Vertical adjustment: Not more than 1 1/4 inches (32 mm).
- F. Two-Piece Wall Ties: Formed steel wire, 0.1875 inch (4.8 mm) thick, adjustable, eye and pintle type, hot dip galvanized to ASTM A 153/A 153M, Class B, sized to provide not less than 5/8 inch (16 mm) of mortar coverage from masonry face and to allow vertical adjustment of up to 1-1/4 in (32 mm).
- G. Masonry Veneer Anchors: 2-piece anchors that permit differential movement between masonry veneer and structural backup, hot dip galvanized to ASTM A 153/A 153M, Class B.
 1. Anchor plates: Not less than 0.075 inch (1.91 mm) thick, designed for fastening to structural backup through sheathing by two fasteners; provide design with legs that penetrate sheathing and insulation to provide positive anchorage.
 2. Wire ties: Manufacturer's standard shape, 0.1875 inch (4.75 mm) thick.
 3. Vertical adjustment: Not less than 3-1/2 inches (89 mm).
- H. Provide anchoring system that complies with ACI 530.1/ASCE 6/TMS 602.

1. Anchors to Metal Studs: Barrel and screw system.
 - a. Shaft length: Sized to meet project conditions.
 - b. Screw length: Sized to meet project conditions.
2. Ties: Provide minimum 2 inches (50mm) embedment in mortar.
 - a. Wire: 3/16 inch diameter by length required for project conditions.
 - b. Material: Hot-dipped galvanized.

2.05 FLASHINGS

- A. EPDM Flashing: ASTM D4637/D4637M, Type I, 0.040 inch (1.0 mm) thick.

2.06 ACCESSORIES

- A. Backer Rod: Closed cell polyethylene; oversized 50 percent to joint width; self expanding; maximum lengths available.
- B. Joint Filler: Closed cell expanded rubber; oversized 50 percent to joint width; self expanding; maximum lengths available.
 1. Performance Characteristics:
 - a. Density: 3.5 - 5.0 p.c.f. per ASTM D 1667.
 - b. Compression deflection 25%: 1.5 - 3.0 psi per ASTM D 1056.
 - c. Tensile strength: 40 psi per ASTM D 412.
 - d. Elongation: 100% per ASTM D 412.
 - e. Water absorption: 5% maximum per ASTM D 1056.
- C. Cavity Mortar Control: Semi-rigid polyethylene or polyester mesh panels, sized to thickness of wall cavity, and designed to prevent mortar droppings from clogging weeps and cavity vents and allow proper cavity drainage.
- D. Weeps:
 1. Type: Molded PVC grilles, insect resistant and polyethelene tubing.
 2. Color(s): As selected by Architect from manufacturer's full range.
 3. Cleaning Solution: Non-acidic, not harmful to masonry work or adjacent materials.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify that field conditions are acceptable and are ready to receive masonry.
- B. Verify that related items provided under other sections are properly sized and located.
- C. Verify that built-in items are in proper location, and ready for roughing into masonry work.

3.02 PREPARATION

- A. Direct and coordinate placement of metal anchors supplied for installation under other sections.
- B. Provide temporary bracing during installation of masonry work. Maintain in place until building structure provides permanent bracing.

3.03 COLD AND HOT WEATHER REQUIREMENTS

- A. Maintain materials and surrounding air temperature to minimum 40 degrees F (5 degrees C) prior to, during, and 48 hours after completion of masonry work.
- B. Maintain materials and surrounding air temperature to maximum 90 degrees F (32 degrees C) prior to, during, and 48 hours after completion of masonry work.

3.04 COURSING

- A. Establish lines, levels, and coursing indicated. Protect from displacement.
- B. Maintain masonry courses to uniform dimension. Form vertical and horizontal joints of uniform thickness.
- C. Concrete Masonry Units:
 1. Bond: Running.
 2. Coursing: One unit and one mortar joint to equal 8 inches (200 mm).

- 3. Mortar Joints: Concave.
- D. Brick Units:
 - 1. Bond: Running.
 - 2. Coursing: Three units and three mortar joints to equal 8 inches (200 mm).
 - 3. Mortar Joints: Concave.

3.05 PLACING AND BONDING

- A. Lay solid masonry units in full bed of mortar, with full head joints, uniformly jointed with other work.
- B. Lay hollow masonry units with face shell bedding on head and bed joints.
- C. Buttering corners of joints or excessive furrowing of mortar joints is not permitted.
- D. Remove excess mortar and mortar smears as work progresses.
- E. Interlock intersections and external corners.
- F. Do not shift or tap masonry units after mortar has achieved initial set. Where adjustment must be made, remove mortar and replace.
- G. Perform job site cutting of masonry units with proper tools to provide straight, clean, unchipped edges. Prevent broken masonry unit corners or edges.
- H. Cut mortar joints flush where wall tile is scheduled or resilient base is scheduled.
- I. Isolate masonry partitions from vertical structural framing members with a control joint as indicated.

3.06 WEEPS/CAVITY VENTS

- A. Install weeps in veneer and cavity walls at 24 inches (600 mm) on center horizontally on top of through-wall flashing above shelf angles and lintels and at bottom of walls.

3.07 CAVITY MORTAR CONTROL

- A. Do not permit mortar to drop or accumulate into cavity air space or to plug weep/cavity vents.
- B. For cavity walls, build inner wythe ahead of outer wythe to accommodate accessories.
- C. Install cavity mortar diverter at base of cavity and at other flashing locations as recommended by manufacturer to prevent mortar droppings from blocking weep/cavity vents.

3.08 REINFORCEMENT AND ANCHORAGE - GENERAL, SINGLE WYTHER MASONRY, AND CAVITY WALL MASONRY

- A. Unless otherwise indicated on drawings or specified under specific wall type, install horizontal joint reinforcement 16 inches (400 mm) on center.
- B. Place masonry joint reinforcement in first and second horizontal joints above and below openings. Extend minimum 16 inches (400 mm) each side of opening.
- C. Place continuous joint reinforcement in first and second joint below top of walls.
- D. Embed longitudinal wires of joint reinforcement in mortar joint with at least 5/8 inch (16 mm) mortar cover on each side.
- E. Lap joint reinforcement ends minimum 6 inches (150 mm).

3.09 REINFORCEMENT AND ANCHORAGE - MASONRY VENEER

- A. Masonry Back-Up: Embed anchors in masonry back-up to bond veneer at maximum 2-2/3 sq ft (0.25 sq m) of wall surface per anchor. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 inches (200 mm) on center.
- B. Stud Back-Up: Secure veneer anchors to stud framed back-up and embed into masonry veneer at maximum 2-2/3 sq ft (0.25 sq m) of wall surface per anchor. Place additional anchors at perimeter of openings and ends of panels, so maximum spacing of anchors is 8 inches (200 mm) on center.

3.10 MASONRY FLASHINGS

- A. Whether or not specifically indicated, install masonry flashing to divert water to exterior at all locations where downward flow of water will be interrupted.

1. Extend flashings full width at such interruptions and at least 6 inches (152 mm), minimum, into adjacent masonry or turn up flashing ends at least 1 inch (25.4 mm), minimum, to form watertight pan at nonmasonry construction.
 2. Remove or cover protrusions or sharp edges that could puncture flashings.
 3. Seal lapped ends and penetrations of flashing before covering with mortar.
- B. Terminate flashing up 8 inches (203 mm) minimum on vertical surface of backing:
1. Install vertical leg of flashing behind water-resistive barrier sheet over backing.
- C. Install flashing in accordance with manufacturer's instructions and BIA Technical Notes No. 7.
- D. Lap end joints of flashings at least 6 inches (152 mm), minimum, and seal watertight with flashing sealant/adhesive.

3.11 LINTELS

- A. Install loose steel lintels over openings.
- B. Maintain minimum 4 inch (101 mm) bearing on each side of opening.

3.12 GROUTED COMPONENTS

- A. Lap splices minimum 48 bar diameters.
- B. Support and secure reinforcing bars from displacement. Maintain position within 1/2 inch (13 mm) of dimensioned position.
- C. Place and consolidate grout fill without displacing reinforcing.
- D. At bearing locations, fill masonry cores with grout for a minimum 12 inches (300 mm) either side of opening.

3.13 BUILT-IN WORK

- A. As work progresses, install built-in metal door frames and glazed frames and other items to be built into the work and furnished under other sections.
- B. Install built-in items plumb, level, and true to line.
- C. Bed anchors of metal door and glazed frames in adjacent mortar joints. Fill frame voids solid with grout.
1. Fill adjacent masonry cores with grout minimum 12 inches (300 mm) from framed openings.
- D. Do not build into masonry construction organic materials that are subject to deterioration.

3.14 TOLERANCES

- A. Maximum Variation from Alignment of Columns: 1/4 inch (6 mm).
- B. Maximum Variation From Unit to Adjacent Unit: 1/16 inch (1.6 mm).
- C. Maximum Variation from Plane of Wall: 1/4 inch in 10 ft (6 mm/3 m) and 1/2 inch in 20 ft (13 mm/6 m) or more.
- D. Maximum Variation from Plumb: 1/4 inch (6 mm) per story non-cumulative; 1/2 inch (13 mm) in two stories or more.
- E. Maximum Variation from Level Coursing: 1/8 inch in 3 ft (3 mm/m) and 1/4 inch in 10 ft (6 mm/3 m); 1/2 inch in 30 ft (13 mm/9 m).
- F. Maximum Variation of Mortar Joint Thickness: Head joint, minus 1/4 inch, plus 3/8 inch (minus 6.4 mm, plus 9.5 mm).
- G. Maximum Variation from Cross Sectional Thickness of Walls: 1/4 inch (6 mm).

3.15 CUTTING AND FITTING

- A. Obtain approval prior to cutting or fitting masonry work not indicated or where appearance or strength of masonry work may be impaired.

3.16 FIELD QUALITY CONTROL

- A. An independent testing agency will perform field quality control tests, as specified in Section 01 40 00 - Quality Requirements.
- B. Concrete Masonry Unit Tests: Test each variety of concrete unit masonry in accordance with ASTM C140/C140M for compliance with requirements of this specification.
- C. Mortar Tests: Test each type of mortar in accordance with ASTM C780, testing with same frequency as masonry samples.

3.17 CLEANING

- A. Remove excess mortar and mortar droppings.
- B. Replace defective mortar. Match adjacent work.
- C. Clean soiled surfaces with cleaning solution.
- D. Use non-metallic tools in cleaning operations.

3.18 PROTECTION

- A. Without damaging completed work, provide protective boards at exposed external corners that are subject to damage by construction activities.

END OF SECTION

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**SECTION 05 73 00
DECORATIVE METAL RAILINGS****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Railing systems.

1.02 REFERENCE STANDARDS

- A. AISC 201 - AISC Certification Program for Structural Steel Fabricators, Standard for Steel Building Structures; 2006.
- B. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2019.
- C. ASTM A501/A501M - Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing; 2021.
- D. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Required Hardness, Solution Hardened, and Bake Hardenable; 2024.
- E. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2023.
- F. ASTM E935 - Standard Test Methods for Performance of Permanent Metal Railing Systems and Rails for Buildings; 2021.
- G. AWS A2.4 - Standard Symbols for Welding, Brazing, and Nondestructive Examination; 2012.
- H. AWS B2.1/B2.1M - Specification for Welding Procedure and Performance Qualification; 2021, with Errata (2023).
- I. AWS D1.1/D1.1M - Structural Welding Code - Steel; 2025.
- J. IAS AC172 - Accreditation Criteria for Fabricator Inspection Programs for Structural Steel; 2018.
- K. NAAMM AMP 500-06 - Metal Finishes Manual; 2006.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene preinstallation meeting one week before starting work of this section. Attendees include:
 - 1. Contractor.
 - 2. Manufacturer's representative.
 - 3. Architect.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Submit manufacturer's product data, including description of materials, components, finishes, fabrication details, glass, anchors, and accessories.
- C. Shop Drawings: Indicate railing system elevations and sections, details of profile, dimensions, sizes, connection attachments, anchorage, size and type of fasteners, and accessories. Indicate anchor and joint locations, brazed connections, transitions, and terminations.
 - 1. Indicate welded connections using standard AWS A2.4 welding symbols. Indicate net weld lengths.
 - 2. Include design engineer's seal and signature on each sheet of shop drawings.
- D. Delegated Design Documents: Drawings and calculations sealed by Designer.
- E. Test Reports: Submit test reports from independent testing agency showing compliance with specified design and performance requirements.
- F. Manufacturer's Instructions: Indicate installation.
- G. Designer's qualification statement.

- H. Manufacturer's qualification statement.
- I. Fabricator's qualification statement.
- J. Welders' qualification statement.
- K. Installer's qualification statement.
- L. Specimen warranty.
- M. Executed warranty.

1.05 QUALITY ASSURANCE

- A. Structural Designer Qualifications: Professional Structural Engineer experienced in design of this work and licensed in the State in which the Project is located or personnel under direct supervision of engineer.
- B. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with at least three years of documented experience.
- C. Fabricator Qualifications: Certified in accordance with AISC 201 and IAS AC172.
- D. Installer Qualifications:
 - 1. Installer Qualifications: Company specializing in performing work of type specified and with at least three years of documented experience.
- E. Welder Qualifications: Welding processes and welding operators certified in accordance with AWS B2.1/B2.1M within 12 months of scheduled welding work.
- F. Templates: Supply installation templates, reinforcing, and required anchorage devices.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in factory-provided protective coverings and packaging.
- B. Protect materials against damage during transit, delivery, storage, and installation at site.
- C. Inspect materials upon delivery for damage. Replace damaged items.
- D. Prior to installation, store materials and components under cover in dry location.

1.07 FIELD CONDITIONS

- A. Ambient Conditions:
 - 1. Do not install railings until project is enclosed and ambient temperature of space is minimum 65 degrees F (18.3 degrees C) and maximum 95 degrees F (35 degrees C).
 - 2. Maintain ambient temperature of space at minimum 65 degrees F (18.3 degrees C) and maximum 95 degrees F (35 degrees C) for 24 hours before, during, and after railing installation.

1.08 WARRANTY

- A. Manufacturer's Warranty: Manufacturer's standard 1-year warranty against defects in materials, fabrication, finishes, and installation commencing on mm-dd-yyyy; complete forms in Owner's name and register with manufacturer.

PART 2 PRODUCTS

2.01 RAILING SYSTEMS

- A. General: Factory- or shop-fabricated to suit project conditions, for proper connection to building structure, and in largest sizes practical for delivery to site.
- B. Performance Requirements:
- C. Performance Requirements: Applying loads simultaneously not required; design and fabricate railings and anchorages to resist loads without failure, damage, or permanent set, including:
 - 1. Lateral Force: 75 lb (333 N) minimum, when tested in accordance with ASTM E935.
 - 2. Distributed Load: 50 lbf/ft (8756 N/m) minimum, applied vertically and horizontally at top of handrail, when tested in accordance with ASTM E935.

3. Concentrated Loads: 200 lb (888 N) minimum, applied to handrail horizontally and vertically, in accordance with ASTM E935.
- D. Assembly: Use slip-on, nonweld mechanical fittings, flanges, escutcheons, and wall brackets to join lengths, seal open ends, and conceal exposed mounting bolts and nuts.
- E. Joints: Machined smooth with hairline seams; tightly fitted and secured.
- F. Field Connections: Provide sleeves to accommodate site assembly and installation.

2.02 MATERIALS

- A. Steel Components:
 1. Sections, Shapes, Plate and Bar: ASTM A36/A36M.
 2. Tubing: ASTM A501/A501M structural tubing, round and shapes as indicated.
 3. Ungalvanized Steel Sheet: Hot- or cold-rolled; use cold-rolled where finished work is exposed to view.
 - a. Hot-Rolled Steel Sheet: ASTM A1011/A1011M, Designation CS (commercial steel).
 - b. Cold-Rolled Steel Sheet: ASTM A1008/A1008M, Designation CS (commercial steel).
 4. Welding Materials: AWS D1.1/D1.1M.

2.03 FABRICATION

- A. Welded and Brazed Joints: Make visible joints butt tight, flush, and hairline; use methods that avoid discoloration and damage of finish; grind smooth, polish, and restore to required finish.
 1. Ease exposed edges to small uniform radius.
 2. Welded Joints:
 - a. Carbon Steel: Perform welding in accordance with AWS D1.1/D1.1M.

2.04 FINISHES

- A. General: Comply with NAAMM AMP 500-06.
 1. Complete mechanical finishes before fabrication. After fabrication, finish joints, bends, abrasions, and surface blemishes to match sheet.
 2. Protect mechanical finishes on exposed surfaces from damage.
 3. Apply organic and anodic finishes to formed metal after fabrication.
 4. Appearance: Limit variations in appearance of adjacent pieces to one-half of range represented in approved samples. Noticeable variations in same piece are not acceptable. Install components within range of approved samples to minimize contrast.
- B. Steel Finishes:
 1. Primer: Compatible with organic coating; shop-applied.
 2. Color: As selected by Architect from manufacturer's full range.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that substrate and site conditions are acceptable and ready to receive work.
- B. Verify field dimensions of locations and areas to receive work.
- C. Notify Architect immediately of conditions that would prevent satisfactory installation.
- D. Do not proceed with work until detrimental conditions are corrected.

3.02 PREPARATION

- A. Review installation drawings before beginning installation. Coordinate diagrams, templates, instructions, and directions for installation of anchorages and fasteners.
- B. Clean surfaces to receive railings. Remove materials and substances detrimental to installation.

3.03 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install components plumb and level, accurately fitted, free from distortion or defects, and with tight joints, except where necessary for expansion.

- C. Anchor securely to structure.
- D. Conceal anchor bolts and screws whenever possible. Where not concealed, use flush countersunk fastenings.
- E. Isolate dissimilar materials with bituminous coating, bushings, grommets, or washers to prevent electrolytic corrosion.

3.04 TOLERANCES

- A. Maximum Variation From Plumb: 1/4 inch (6 mm) per floor level, noncumulative.
- B. Maximum Offset From True Alignment: 1/4 inch (6 mm).
- C. Maximum Out-of-Position: 1/4 inch (6 mm).

3.05 FIELD QUALITY CONTROL

- A. See Section 01 40 00 - Quality Requirements for additional requirements.
- B. Test railings for structural performance in accordance with ASTM E935.
- C. Manufacturer Services: Provide services of manufacturer's field representative to observe railing installation.

3.06 CLEANING

- A. Remove protective film from exposed metal surfaces.
- B. Metal: Clean exposed metal finishes with potable water and mild detergent in accordance with manufacturer recommendations; do not use abrasive materials or chemicals, detergents, or other substances that may damage material or finish.

3.07 PROTECTION

- A. Protect installed components and finishes from damage after installation.
- B. Repair damage to exposed, making finishes indistinguishable from undamaged areas.
- C. Replace finishes and components that have irreparable damage. Ensure damaged areas are indistinguishable from undamaged finishes and surfaces.

END OF SECTION

**SECTION 05 75 00
DECORATIVE FORMED METAL****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Interior fabrications made of formed metal sheet, secondary supports, and anchors to structure, including:
 - 1. Closures, trim, and filler panels.
 - 2. MISCELLANEOUS TRIM: CANOPY FASCIA, INTERIOR SLAB EDGE FASCIA.

1.02 REFERENCE STANDARDS

- A. ASTM D523 - Standard Test Method for Specular Gloss; 2025.
- B. ASTM D2244 - Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates; 2025.
- C. ASTM D4214 - Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films; 2023.
- D. AWS D1.1/D1.1M - Structural Welding Code - Steel; 2025.
- E. AWS D1.6/D1.6M - Structural Welding Code - Stainless Steel; 2017, with Amendment (2021).

1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data - Sheet Metal Material: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
 - 4. Specimen warranty.
- C. Product Data - Metal Composite Material (MCM) Sheets: Manufacturer's data sheets on each product to be used, including thickness, physical characteristics, and finish, and:
 - 1. Finish manufacturer's data sheet showing physical and performance characteristics.
 - 2. Storage and handling requirements and recommendations.
 - 3. Fabrication instructions and recommendations.
 - 4. Specimen warranty for finish, as specified herein.
- D. Shop Drawings: Show layout and elevations, dimensions and thickness of panels, connections, details and location of joints, sealants and gaskets, method of anchorage, number of anchors, supports, reinforcement, trim, flashings, and accessories.
 - 1. Differentiate between shop and field fabrication.
 - 2. Indicate substrates and adjacent work with which the fabrications must be coordinated.
 - 3. Include large-scale details of anchorages and connecting elements.
 - 4. Include large-scale details or schematic, exploded or isometric diagrams to fully explain _____ at a scale of not less than _____ inches per _____ inches (____ : ____).
- E. Selection Samples: For each finish product specified, color chips representing manufacturer's full range of available colors and patterns.
- F. Certificate: Certify that work results of this section meet or exceed specified requirements.
- G. Installer's Qualification Statement.
- H. Maintenance Data: Care of finishes and warranty requirements.
- I. Executed Warranty: Submit warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.04 QUALITY ASSURANCE

- A. Fabricator Qualifications: Company specializing in fabricating products specified in this section.

- B. Installer Qualifications: Company specializing in performing work of the type specified in this section.
- C. Mock-Up: Provide a mock-up for evaluation of fabrication workmanship.
 - 1. Locate where directed.
 - 2. Provide products finished as specified.
 - 3. Mock-up may remain as part of the Work.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact.
 - 1. Protect finishes by applying heavy duty removable plastic film during production.
 - 2. Package for protection against transportation damage.
 - 3. Provide markings to identify components consistently with drawings.
 - 4. Exercise care in unloading, storing and installing panels to prevent bending, warping, twisting and surface damage.
- B. Store products protected from exposure to harmful weather conditions and at temperature conditions recommended by manufacturer.
 - 1. Store in well-ventilated space out of direct sunlight.
 - 2. Protect from moisture and condensation with tarpaulins or other suitable weathertight covering installed to provide ventilation.
 - 3. Store at a slope to ensure positive drainage of accumulated water.
 - 4. Do not store in enclosed space where ambient temperature can exceed 120 degrees F (49 degrees C).
 - 5. Avoid contact with other materials that might cause staining, denting, or other surface damage.

1.06 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. MCM Sheet Manufacturer's Finish Warranty: Provide manufacturer's written warranty stating that the finish will perform as follows for minimum of 5 years:
 - 1. Chalking: No more than that represented by a No.8 rating based on ASTM D4214.
 - 2. Color Retention: No fading or color change in excess of 5 Hunter color difference units, calculated in accordance with ASTM D2244.
 - 3. Gloss Retention: Minimum of 30 percent gloss retention, when tested in accordance with ASTM D523.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Metal Composite Material Sheet Manufacturers:
 - 1. ALPOLIC Materials; _____: www.alpolic-america.com/#sle.
 - 2. ALUCOBOND by 3A Composites USA; _____: www.alucobondusa.com/#sle.
 - 3. PAC-CLAD; www.pac-clad.com/#sle.
 - 4. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Perforated Metal Panels:
 - 1. McNichols; _____: www.mcnichols.com/.com/#sle.
 - 2. AMICO Architectural Metals; _____: www.amicoarchitectural.com/.com/#sle.
 - 3. Cambridge Architectural Mesh; www.cambridgearchitectural.com/#sle.
 - 4. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 FORMED METAL FABRICATIONS - GENERAL

- A. Shop Assembly: Preassemble items to greatest extent possible. Minimize field splices and field assembly. Disassemble only as necessary for transportation and handling. Mark items clearly for assembly and installation.

- B. Coordination: Match dimensions and attachment of formed metal items to adjacent construction. Produce integrated assemblies. Closely fit joints; align edges and flat surfaces unless indicated otherwise.
- C. Forming: Profiles indicated. Maximize lengths. Fold exposed edges to form hem indicated or ease edges to radius indicated with concealed stiffener. Provide flat, flush surfaces without cracking or grain separation at bends.
- D. Reinforcement: Increase metal thickness; use concealed stiffeners, backing materials or both. Provide stretcher leveled standard of flatness and stiffness required to maintain flatness and hold adjacent items in flush alignment.
- E. Anchors: Straps, plates and anchors as required to support and anchor items to adjacent construction.
- F. Supports: Miscellaneous framing, mounting, clips, sleeves, fasteners and accessories required for installation.
- G. Welding and Brazing: Weld or braze joints continuously. Grind, fill or dress to produce smooth, flush, exposed surfaces. Do not discolor metal. Grind smooth, polish, and restore damaged finishes to required condition.
 - 1. Ease exposed edges to small uniform radius.
 - 2. Welded Joints:
 - a. Carbon Steel: Perform welding in accordance with AWS D1.1/D1.1M.
 - b. Stainless Steel: Perform welding in accordance with AWS D1.6/D1.6M.
- H. Performance Requirements:
 - 1. Corrosion: Prevent galvanic action and other forms of corrosion by isolating metals and other materials from direct contact with incompatible materials.

2.03 FORMED METAL FABRICATIONS - SHEET METAL

- A. Closures, Trim and Fill Panels:
 - 1. Form closures from type and thickness of metal indicated.
 - 2. Conceal fasteners when possible.
 - 3. Drill and tap holes for securing to other surfaces.
 - 4. Provide gaskets where indicated or needed for continuous seal at adjacent surfaces.
 - 5. Miter or cope at corners and reinforce with bent metal plate. Form tight joints.

2.04 FORMED METAL FABRICATIONS - MCM SHEET

- A. MCM Sheet Fabrications, General: Assemble metal panels, fasteners, and anchors in configurations and dimensions shown on drawings.
 - 1. Provide panel jointing using reveal joints and gaskets but no sealant.
 - 2. Anchor panels to supporting framing without exposed fasteners.
- B. Panels: One inch (25 mm) deep pans formed of metal composite material sheet by routing back edges of sheet, removing corners, and folding edges.
 - 1. Reinforce corners with riveted aluminum angles.
 - 2. Provide concealed attachment to supporting structure by adhering attachment members to back of panel; attachment members may also function as stiffeners.
 - 3. Maintain maximum panel bow of 0.8 percent of panel dimension in width and length; provide stiffeners of sufficient size and strength to maintain panel flatness without showing local stresses or read-through on panel face.
 - 4. Secure members to back face of panels using structural silicone sealant approved by MCM sheet manufacturer.
 - 5. Fabricate panels under controlled shop conditions.
 - 6. Where final dimensions cannot be established by field measurement before commencement of manufacturing, make allowance for field adjustments without requiring field fabrication of panels.
 - 7. Fabricate as indicated on drawings and as recommended by MCM sheet manufacturer.

- a. Make panel lines, breaks, curves and angles sharp and true.
- b. Keep plane surfaces free from warp or buckle.
- c. Keep panel surfaces free of scratches or marks caused during fabrication.

2.05 MATERIALS

- A. General: Provide sheet metal without pitting, seam marks, roller marks, stains, discolorations, or other imperfections exposed to view on finished units.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify dimensions, tolerances, and interfaces with other work.
- B. Verify substrate on-site to determine that conditions are acceptable for product installation in accordance with manufacturer's written instructions.
- C. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- D. Notify Architect in writing of conditions detrimental to proper and timely completion of work. Do not proceed with erection until unsatisfactory conditions have been corrected.

3.02 PREPARATION

- A. Protect adjacent work areas and finish surfaces from damage during installation.

3.03 INSTALLATION - SHEET METAL AND PLATE FABRICATIONS

- A. Locate and place decorative formed sheet metal items level and plumb; align with adjacent construction. Cut, drill and fit as required to install.
- B. Do not cut or abrade sheet metal finishes that cannot be completely restored in the field. Return such items to manufacturer or fabricator for required alterations and refinishing or provide new items.
- C. Use concealed anchorages where possible. Provide washers where needed on bolts or screws to protect metal surfaces and make weathertight connection.
- D. Form tight joints with exposed connections accurately fitted together. Provide reveals and openings for sealants and joint fillers indicated.

3.04 INSTALLATION - MCM FABRICATIONS

- A. Do not install products that are defective, including warped, bowed, dented, and broken members, and members with damaged finishes.
- B. Comply with instructions and recommendations of MCM sheet manufacturer and fabricator, and with approved shop drawings.
- C. Install securely allowing for necessary thermal and structural movement; comply with fabricator's instructions for installation of concealed fasteners.
- D. Do not handle or tool products during erection in manner that damages finish, decreases strength, or results in visual imperfection or failure in performance. Return component parts that require alteration to shop for refabrication, if possible, or for replacement with new parts.
- E. Do not form panels in field unless required by fabricator and approved by the Architect; comply with MCM sheet manufacturer's instructions and recommendations for field forming.
- F. Separate dissimilar metals; use gasket fasteners, isolation shims, or isolation tape where needed to eliminate possibility of electrolytic action between metals.
- G. Install square, plumb, straight, and true, accurately fitted, with tight joints and intersections maintaining the following installation tolerances:
 - 1. Variation From Plane or Location: 1/2 inch in 30 feet (12.7 mm in 9.1 m) of length and up to 3/4 inch in 300 feet (19 mm in 91.4 m), maximum.
 - 2. Deviation of Vertical Member From True Line: 1/8 inch in 25 feet (3.2 mm in 7.6 m) run, maximum.

3. Deviation of Horizontal Member From True Line: 1/8 inch in 25 feet (3.2 mm in 7.6 m) run, maximum.
4. Offset From True Alignment Between Two Adjacent Members Abutting End To End, In Line: 1/32 inch (0.8 mm), maximum.

H. Replace damaged products.

3.05 CLEANING

- A. Restore finishes damaged during installation and construction period. Return items that cannot be refinished in the field to manufacturer or fabricator. Refinish entire unit or provide new units.
- B. Remove protective film after installation of joint sealers, after cleaning of adjacent materials, and immediately prior to completion of work.
- C. Remove temporary coverings and protection of adjacent work areas.
- D. Clean installed products in accordance with manufacturer's instructions.

3.06 PROTECTION

- A. Protect installed products from damage during construction.

END OF SECTION

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SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. This Section includes commercial door hardware for the following:
 - 1. Swinging doors.
 - 2. Sliding doors.
 - 3. Other doors to the extent indicated.
- B. Door hardware includes, but is not necessarily limited to, the following:
 - 1. Mechanical door hardware.
 - 2. Electromechanical door hardware.
 - 3. Automatic operators.
 - 4. Cylinders specified for doors in other sections.
- C. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
 - 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
 - 2. ICC/IBC - International Building Code.
 - 3. NFPA 70 - National Electrical Code.
 - 4. NFPA 80 - Fire Doors and Windows.
 - 5. NFPA 101 - Life Safety Code.
 - 6. NFPA 105 - Installation of Smoke Door Assemblies.
 - 7. State Building Codes, Local Amendments.
- D. Standards: All hardware specified herein shall comply with the following industry standards as applicable. Any undated reference to a standard shall be interpreted as referring to the latest edition of that standard:
 - 1. ANSI/BHMA Certified Product Standards - A156 Series.
 - 2. UL10C - Positive Pressure Fire Tests of Door Assemblies.
 - 3. ANSI/UL 294 - Access Control System Units.
 - 4. UL 305 - Panic Hardware.
 - 5. ANSI/UL 437- Key Locks.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.
- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
 - 1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 - 2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
 - 3. Content: Include the following information:
 - a. Type, style, function, size, label, hand, and finish of each door hardware item.
 - b. Manufacturer of each item.
 - c. Fastenings and other pertinent information.
 - d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
 - e. Explanation of abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for door hardware.
 - g. Door and frame sizes and materials.
 - h. Warranty information for each product.
 - 4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- C. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.
- D. Informational Submittals:
 - 1. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

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

1.4 QUALITY ASSURANCE

- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.
- B. Certified Products: Where specified, products must maintain a current listing in the Builders Hardware Manufacturers Association (BHMA) Certified Products Directory (CPD).
- C. Installer Qualifications: A minimum 3 years documented experience installing both standard and electrified door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- D. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.
- E. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.
 - 1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.
- F. Each unit to bear third party permanent label demonstrating compliance with the referenced standards.
- G. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:
 - 1. Function of building, purpose of each area and degree of security required.
 - 2. Plans for existing and future key system expansion.
 - 3. Requirements for key control storage and software.
 - 4. Installation of permanent keys, cylinder cores and software.
 - 5. Address and requirements for delivery of keys.
- H. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s),

Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

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

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.
- B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
- C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.6 COORDINATION

- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.
- B. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.7 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions

of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

- B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:
 - 1. Structural failures including excessive deflection, cracking, or breakage.
 - 2. Faulty operation of the hardware.
 - 3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 4. Electrical component defects and failures within the systems operation.
- C. Standard Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.
- D. Special Warranty Periods:
 - 1. Ten years for mortise locks and latches.
 - 2. Ten years for extra heavy duty cylindrical (bored) locks and latches.
 - 3. Seven years for heavy duty cylindrical (bored) locks and latches.
 - 4. Five years for standard duty cylindrical (bored) locks and latches.
 - 5. Five years for exit hardware.
 - 6. Five years for manual overhead door closer bodies.
 - 7. Ten years for manual overhead door closer bodies.
 - 8. Fifteen years for manual overhead door closer bodies.
 - 9. Twenty five years for manual overhead door closer bodies.
 - 10. Ten years for heavy duty floor closers.
 - 11. Two years for shallow depth floor closers.
 - 12. Five years for motorized electric latch retraction exit devices.
 - 13. Two years for electromechanical door hardware, unless noted otherwise.

1.8 MAINTENANCE SERVICE

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

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

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

- B. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:
 - 1. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.
- C. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

2.2 HANGING DEVICES

- A. Hinges: ANSI/BHMA A156.1 certified butt hinges with number of hinge knuckles and other options as specified in the Door Hardware Sets.
 - 1. Quantity: Provide the following hinge quantity:
 - a. Two Hinges: For doors with heights up to 60 inches.
 - b. Three Hinges: For doors with heights 61 to 90 inches.
 - c. Four Hinges: For doors with heights 91 to 120 inches.
 - d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.
 - 2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:
 - a. Widths up to 3'0": 4-1/2" standard or heavy weight as specified.
 - b. Sizes from 3'1" to 4'0": 5" standard or heavy weight as specified.
 - 3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:
 - a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
 - b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy weight.
 - 4. Hinge Options: Comply with the following:
 - a. Non-removable Pins: With the exception of electric through wire hinges, provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for the all out-swinging lockable doors.
 - 5. Manufacturers:
 - a. HB Ives; An Allegion Group Company. (IV).

- b. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK).
 - c. Best Hinges (ST).
- B. Pivots: ANSI/BHMA A156.4, Grade 1, certified. Space intermediate pivots equally not less than 25 inches on center apart or not more than 35 inches on center for doors over 121 inches high. Pivot hinges to have oil impregnated bronze bearing in the top pivot and a radial roller and thrust bearing in the bottom pivot with the bottom pivot designed to carry the full weight of the door. Pivots to be UL listed for windstorm where applicable.
 - 1. Manufacturers:
 - a. ABH (AH).
 - b. HB Ives (IV).
 - c. Norton Rixson (RF).

2.3 POWER TRANSFER DEVICES

- A. Electrified Quick Connect Transfer Hinges: Provide electrified transfer hinges with Molex™ standardized plug connectors and sufficient number of concealed wires (up to 12) to accommodate the electrified functions specified in the Door Hardware Sets with a 1-year warranty. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.
 - 1. Manufacturers:
 - a. HB Ives; An Allegion Group Company. (IV). TW (12 wires) CON series.
 - b. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK) - QC (12 wires) Option.
 - c. Stanley Hardware (ST) – (12 wires) C Option.
- B. Electrified Quick Connect Intermediate Transfer Pivots: Provide electrified offset intermediate transfer pivot hinges with Molex™ standardized plug connectors and sufficient number of concealed wires (up to 12) to accommodate the electrified functions specified in the Door Hardware Sets. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.
 - 1. Manufacturers:
 - a. ABH (AH) -E019-EZ (12 wires).
 - b. HB Ives (IV) -7230FPT-TW-CON (12 wires).
 - c. Norton Rixson (RF) - E-M19-QC (12 wires).
- C. Concealed Quick Connect Electric Power Transfers: Provide concealed wiring pathway housing mortised into the door and frame for low voltage electrified door hardware. Furnish with Molex™ standardized plug connectors and sufficient number of concealed wires (up to 12) to accommodate the electrified functions specified in the Door Hardware Sets. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.

1. Manufacturers:

- a. ABH (AH) – PT-1000EZ Series.
- b. Securitron (SU) - EL-CEPT Series.
- c. Von Duprin EPT-10-CON series.

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

1. Provide one each of the following tools as part of the base bid contract:

- a. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK) - Electrical Connecting Kit: QC-R001.
- b. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK) - Connector Hand Tool: QC-R003.

2. Manufacturers:

- a. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK) – (12 wires) QC-C Series.
- b. Stanley Hardware (ST) – (12 wires) WH Series.
- c. Von Duprin (VD) –(12 wires) CON Series.

2.4 DOOR OPERATING TRIM

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

- 1. Flush bolts to be furnished with top rod of sufficient length to allow bolt retraction device location approximately six feet from the floor.
- 2. Furnish dust proof strikes for bottom bolts.
- 3. Surface bolts to be minimum 8” in length and U.L. listed for labeled fire doors and U.L. listed for windstorm components where applicable.
- 4. Provide related accessories (mounting brackets, strikes, coordinators, etc.) as required for appropriate installation and operation.

5. Manufacturers:

- a. HB Ives; An Allegion Group Company. (IV).
- b. Rockwood (RO).
- c. Trimco (TC).

B. Coordinators: ANSI/BHMA A156.3 certified door coordinators consisting of active-leaf, hold-open lever and inactive-leaf release trigger. Model as indicated in hardware sets.

1. Manufacturers:

- a. HB Ives; An Allegion Group Company. (IV).
- b. Rockwood (RO).
- c. Trimco (TC).

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

- 1. Push/Pull Plates: Minimum .125 inch thick, size as indicated in hardware sets, with beveled edges, secured with internal fasteners. Exposed screws are not acceptable.
- 2. Door Pull and Push Bar Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door unless otherwise indicated.
- 3. Offset Pull Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door and offset of 90 degrees unless otherwise indicated.
- 4. Fasteners: Provide manufacturer's designated fastener type as indicated in Hardware Sets.
- 5. Manufacturers:

- a. HB Ives; An Allegion Group Company. 8303/8200 push/pull, 9264 Mtg Type O offset door pull (BM).
- b. Rockwood 111x70C/70C push/pull, RM33311 Mtg Type 12XHD offset door pull (RO).
- c. Trimco 1018/1001 push/pull, AP423 Mtg Type N offset door pull (TC).

2.5 CYLINDERS AND KEYING

- A. General: Cylinder manufacturer to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.
- B. Source Limitations: Obtain each type of keyed cylinder and keys from the same source manufacturer as locksets and exit devices, unless otherwise indicated.

1. Manufacturers:

- a. Medeco X4, SFIC to match owner's existing system.

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

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

5. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
 6. Keyway: Facility Standard, owner specific X4 high security.
- D. Security Cylinders: ANSI/BHMA A156.5, Grade 1 Certified Products Directory (CPD) listed security cylinders and keys able to be used together under the same facility master or grandmaster key system. Cylinders to be factory keyed.
1. Existing key system. Key into owner's existing Medeco X4 system.
 2. Manufacturers:
 - a. Medeco X4.
 3. Supplier shall coordinate a "Keying Conference" to define and document keying system instructions and requirements to be held with owner's rep and distributor.
 4. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
 5. Existing System: Field verify and key cylinders to match Owner's existing system.
- E. Key Quantity: Provide the following minimum number of keys:
1. Change Keys per Cylinder: Three (3).
 2. Master Keys (per Master Key Level/Group): Five (5).
 3. Construction Keys (where required): Ten (10).
- F. Construction Keying: Provide construction master keyed cylinders.
- G. Construction Keying: Provide temporary keyed construction cylinders.
- H. Key Registration List (Bitting List):
1. Provide keying transcript list to Owner's representative in the proper format for importing into key control software.
 2. Provide transcript list in writing or electronic file as directed by the Owner.

2.6 MECHANICAL LOCKS AND LATCHING DEVICES

- A. Mortise Locksets, Grade 1 (Heavy Duty): ANSI/BHMA A156.13, Series 1000, Operational Grade 1 Certified Products Directory (CPD) listed. Locksets are to be manufactured with a corrosion resistant steel case and be field-reversible for handing without disassembly of the lock body.
1. Mortise locks to be certified Security Grade 1.
 2. Where specified, provide status indicators with highly reflective color and wording for "locked/unlocked" or "vacant/occupied" with custom wording options if required. Indicator to be located above the cylinder with the inside thumb-turn not blocking the

visibility of the indicator status. Indicator window size to be a minimum of 2.1" x 0.6" with a curved design allowing a 180 degree viewing angle with protective covering to prevent tampering.

3. Manufacturers:
 - a. Corbin Russwin (RU) ML2000 Series LWA.
 - b. Schlage (SC) -L9000 Series 03A.
 - c. Sargent Manufacturing (SA) - 8200 Series. LNJ.
- B. Electromechanical Mortise Locksets, Grade 1 (Heavy Duty): ANSI/BHMA A156.13, Series 1000, Operational Grade 1 Certified Products Directory (CPD) listed, subject to same compliance standards and requirements as mechanical mortise locksets, electrified locksets to be of type and design as specified below and in the hardware sets.
 1. Electrified Lock Options: Where indicated in the Hardware Sets, provide electrified options including: outside door lock/unlock trim control, latchbolt and lock/unlock status monitoring, deadbolt monitoring, and request-to-exit signaling. Support end-of-line resistors contained within the lock case. Unless otherwise indicated, provide electrified locksets standard as fail secure.
 2. Manufacturers:
 - a. Corbin Russwin (RU) ML20900 Series.
 - b. Schlage (SC) -L EL/EU Series.
 - c. Sargent Manufacturing (SA) – 8270 Series.
- C. Electromechanical Mortise Locksets, Grade 1 (Heavy Duty, High Security Monitoring): ANSI/BHMA A156.13, Series 1000, Operational Grade 1 Certified Products Directory (CPD) listed, subject to same compliance standards and requirements as mechanical mortise locksets, electrified locksets to be of type and design as specified below.
 1. Electrified Lock Options: Where indicated in the Hardware Sets, provide electrified options including: outside door lock/unlock trim control, latchbolt and lock/unlock status monitoring, deadbolt monitoring, and request-to-exit signaling. Support end-of-line resistors contained within the lock case. Unless otherwise indicated, provide electrified locksets standard as fail secure.
- D. Electromechanical Multi-Point Locks: Vertical rod locking devices designed for openings requiring multiple latching points within one locking mechanism. Rods are retracted by dual mounted outside lever trim controls available in a variety of ANSI/BHMA operational functions. Option for single top latching only eliminates the need for bottom strikes. Electromechanical options include solenoid activated trim, electric latch retraction, and inside and outside lever monitoring.
 1. Manufacturers:
 - a. Corbin Russwin Hardware (RU) MP9800 Series.
 - b. Schlage (SC) -LM9300 EL/EU Series.
 - c. Sargent Manufacturing (SA) - 7000 Series.

2.7 AUXILIARY LOCKS

- A. Mortise Deadlocks, Small Case: ANSI/BHMA A156.36, Grade 1, small case mortise type deadlocks constructed of heavy gauge wrought corrosion resistant steel. Steel or stainless steel bolts with a 1" throw and hardened steel roller pins. Deadlocks to be products of the same source manufacturer and keyway as other specified locksets.
 - 1. Manufacturers:
 - a. Corbin Russwin (RU) DL4000 Series.
 - b. Schlage (SC) -L400 Series.
 - c. Sargent Manufacturing (SA) 4800 Series.

2.8 LOCK AND LATCH STRIKES

- A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:
 - 1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
 - 2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
 - 3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.
 - 4. Double-lipped strikes: For locks at double acting doors. Furnish with retractable stop for rescue hardware applications.
- B. Standards: Comply with the following:
 - 1. Strikes for Mortise Locks and Latches: BHMA A156.13.
 - 2. Strikes for Bored Locks and Latches: BHMA A156.2.
 - 3. Strikes for Auxiliary Deadlocks: BHMA A156.36.
 - 4. Dustproof Strikes: BHMA A156.16.

2.9 ELECTRIC STRIKES

- A. Standard Electric Strikes: Electric strikes tested to ANSI/BHMA A156.31, Grade 1, for use on non-rated or fire rated openings. Strikes shall be of stainless steel construction tested to a minimum of 1500 pounds of static strength and 70 foot-pounds of dynamic strength with a minimum endurance of 1 million operating cycles. Provide strikes with 12 or 24 VDC capability, fail-secure unless otherwise specified. Where specified provide latchbolt and latchbolt strike monitoring indicating both the position of the latchbolt and locked condition of the strike.
 - 1. Manufacturers:
 - a. HES (HS) - 1500/1600 Series.
 - b. SDC (SD) -55 Series.

- c. Von Duprin (VD) -6200 Series.
- B. Surface Mounted Rim Electric Strikes: Surface mounted rim exit device electric strikes tested to ANSI/BHMA A156.31, Grade 1, and UL Listed for both Burglary Resistance and for use on fire rated door assemblies. Construction includes internally mounted solenoid with two heavy-duty, stainless steel locking mechanisms operating independently to provide tamper resistance. Strikes tested for a minimum of 500,000 operating cycles. Provide strikes with 12 or 24 VDC capability supplied standard as fail-secure unless otherwise specified. Option available for latchbolt and latchbolt strike monitoring indicating both the position of the latchbolt and locked condition of the strike. Strike requires no cutting to the jamb prior to installation.
- 1. Manufacturers:
 - a. Adams Rite (AD) -7800 Series.
 - b. HES (HS) – 9000 Series.
 - c. Von Duprin (VD) -6300 Series.

2.10 CONVENTIONAL EXIT DEVICES

- A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:
- 1. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.
 - 2. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer's catalog and template book for specific requirements.
 - 3. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.
 - 4. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is required in any case where the door light extends behind the device as in a full glass configuration.
 - 5. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty escutcheon trim with threaded studs for thru-bolts.
 - a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets.
 - b. Where function of exit device requires a cylinder, provide a cylinder (Rim or Mortise) as specified in Hardware Sets.

6. Vertical Rod Exit Devices: Where surface or concealed vertical rod exit devices are used at interior openings, provide as less bottom rod (LBR) unless otherwise indicated. Provide dust proof strikes where thermal pins are required to project into the floor.
 7. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2" wide stiles.
 8. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.
 9. Rail Sizing: Provide exit device rails factory sized for proper door width application.
 10. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.
- B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed panic and fire exit hardware devices furnished in the functions specified in the Hardware Sets. Exit device latch to be stainless steel, pullman type, with deadlock feature.
1. Manufacturers:
 - a. Corbin Russwin (RU) -ED4000/5000 Series. Wind storm rated as required.
 - b. Von Duprin (VD) -33/99 Series. Wind storm rated as required.
 - c. Sargent Manufacturing (SA) - 80 Series. Wind storm rated as required.
- C. Extruded Aluminum Removable Mullions: ANSI/BHMA A156.3 anodized, removable mullions with malleable-iron top and bottom retainers. Mullions to be provided standard with stabilizers and imbedded weatherstrip.
1. Manufacturers:
 - a. Same as exit device manufacturer.
- D. Tube Steel Removable Mullions: ANSI/BHMA A156.3 removable steel mullions with malleable-iron top and bottom retainers and a primed paint finish.
1. Provide keyed removable feature where specified in the Hardware Sets.
 2. Provide stabilizers and mounting brackets as required.
 3. Provide electrical quick connection wiring options as specified in the hardware sets.
 4. Manufacturers:
 - a. Same as exit device manufacturer.

2.11 ELECTROMECHANICAL EXIT DEVICES

- A. Electromechanical Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed panic and fire exit hardware devices subject to same

compliance standards and requirements as mechanical exit devices. Electrified exit devices to be of type and design as specified below and in the hardware sets.

1. Where conventional power supplies are not sufficient, include any specific controllers required to provide the proper inrush current.
2. Motorized Electric Latch Retraction: Devices with an electric latch retraction feature must use motors which have a maximum current draw of 600mA. Solenoid driven latch retraction is not acceptable.
3. Manufacturers:
 - a. Corbin Russwin (RU) -ED4000/5000 Series. Wind storm rated as required.
 - b. Von Duprin (VD) -33/99 Series. Wind storm rated as required.
 - c. Sargent Manufacturing (SA) – 80 Series. Wind storm rated as required.

2.12 DOOR CLOSERS

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

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

B. Door Closers, Surface Mounted (Heavy Duty): ANSI/BHMA A156.4, Grade 1 Certified Products Directory (CPD) listed surface mounted, heavy duty door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron or aluminum alloy body construction, with adjustable backcheck and separate non-critical valves for closing sweep and latch speed control. Provide non-handed units standard.

1. Manufacturers:

- a. Corbin Russwin Hardware (RU) - DC6000 Series.
- b. LCN (LC) -4040XP Series.
- c. Sargent (SA) - 281 Series.

2.13 ELECTROHYDRAULIC DOOR OPERATORS

- A. General: Provide low energy operators of size recommended by manufacturer for door size, weight, and movement; for condition of exposure; and for compliance with UL 325. Coordinate operator mechanisms with door operation, hinges, and activation devices.
 - 1. Fire-Rated Doors: Provide door operators for fire-rated door assemblies that comply with NFPA 80 for fire-rated door components and are listed and labeled by a qualified testing agency.
- B. Standard: Certified ANSI/BHMA A156.19.
- C. Performance Requirements:
 - 1. Opening Force if Power Fails: Not more than 15 lbf required to release a latch if provided, not more than 30 lbf required to manually set door in motion, and not more than 15 lbf required to fully open door.
 - 2. Entrapment Protection: Not more than 15 lbf required to prevent stopped door from closing or opening.
- D. Configuration: Surface mounted or in-ground as required. Door operators to control single swinging and pair of swinging doors.
- E. Operation: Power opening and spring closing operation capable of meeting ANSI A117.1 accessibility guideline. Provide time delay for door to remain open before initiating closing cycle as required by ANSI/BHMA A156.19. When not in automatic mode, door operator to function as manual door closer with fully adjustable opening and closing forces, with or without electrical power.
- F. Features: Operator units to have full feature adjustments for door opening and closing force and speed, backcheck, motor assist acceleration from 0 to 30 seconds, time delay, vestibule interface delay, obstruction recycle, and hold open time from 0 up to 30 seconds.
- G. Provide outputs and relays on board the operator to allow for coordination of exit device latch retraction, electric strikes, magnetic locks, card readers, safety and motion sensors and specified auxiliary contacts.
- H. Brackets and Reinforcements: Manufacturer's standard, fabricated from aluminum with nonferrous shims for aligning system components.
- I. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

1. LCN (LC) -4630 Series.
2. Norton Rixson (NO) - 6000 Series.
3. Record USA (REC) -6000/8000 Series.

2.14 SURFACE MOUNTED CLOSER HOLDERS

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

1. Manufacturers:
 - a. ABH (AH) -2300 Series.
 - b. Norton Rixson (RF) - 980/990 Series.
 - c. LCN (LC) -SEM7800 Series.

2.15 ARCHITECTURAL TRIM

- A. Door Protective Trim

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

2.16 DOOR STOPS AND HOLDERS

- A. General: Door stops and holders to be of type and design as specified below or in the Hardware Sets.
- B. Door Stops and Bumpers: ANSI/BHMA A156.16, Grade 1 certified door stops and wall bumpers. Provide wall bumpers, either convex or concave types with anchorage as indicated, unless floor or other types of door stops are specified in Hardware Sets. Do not mount floor stops where they will impede traffic. Where floor or wall bumpers are not appropriate, provide overhead type stops and holders.
 - 1. Manufacturers:
 - a. HB Ives (IV).
 - b. Rockwood (RO).
 - c. Trimco (TC).
- C. Overhead Door Stops and Holders: ANSI/BHMA A156.8, Grade 1 Certified Products Directory (CPD) listed overhead stops and holders to be surface or concealed types as indicated in Hardware Sets. Track, slide, arm and jamb bracket to be constructed of extruded bronze and shock absorber spring of heavy tempered steel. Provide non-handed design with mounting brackets as required for proper operation and function.
 - 1. Manufacturers:
 - a. ABH (AH).
 - b. Norton Rixson (RF).
 - c. Rockwood (RO).

2.17 ARCHITECTURAL SEALS

- A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.
- B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.
 - 1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.
- C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.
 - 1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and NFPA 252, Standard Methods of Fire Tests of Door Assemblies.

- D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated.
- E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.
- F. Manufacturers:
 - 1. National Guard Products (NG).
 - 2. Pemko (PE).
 - 3. Zero International. (ZE).

2.18 ELECTRONIC ACCESSORIES

- A. Key Switches: Key switches furnished standard with stainless steel single gang face plate with a 12/24VDC bi-color LED indicator. Integral backing bracket permits integration with any 1 1/4" or 1 1/2" mortise type cylinder. Key switches available as momentary or maintained action and in narrow face plate options.
 - 1. Manufacturers:
 - a. Schlage Electronics (SC) -653-1414 or 653-1415 Series.
 - b. SDC (SD) -700 Series.
 - c. Securitron (SU) - MK Series.
- B. Push-Button Switches: Industrial grade momentary or alternate contact, back-lighted push buttons with stainless-steel switch enclosures. 12/24 VDC bi-color illumination suitable for either flush or surface mounting.
 - 1. Manufacturers:
 - a. Schlage Electronics (SC) – 631AL Series.
 - b. SDC (SD) - 400 Series.
 - c. Securitron (SU) - PB Series.
- C. Touchless Switches: FCC certified microwave sensing switch used for REX or activation of various access control devices in place of a traditional wired switch. Unit to have an adjustable sensing zone from 4" to 24". At exterior locations furnish foam gaskets and weather covers. Provide single gang or double gang unit as specified in the hardware sets.
 - 1. Manufacturers:
 - a. BEA Sensors (BEA) -10MS Series.
 - b. Norton Rixson (NO) - 700 Series.
 - c. Securitron (SU) - WSS Series.
- D. Request-to-Exit Motion Sensor: Request-to-Exit Sensors motion detectors specifically designed for detecting exiting through a door from the secure area to a non-secure area. Include built-in timers (up to 60 second adjustable timing), door monitor with sounder alert, internal vertical

pointability coverage, 12VDC or 24VDC power and selectable relay trigger with fail safe/fail secure modes.

1. Manufacturers:

- a. Schlage Electronics – Scan II Series.
- b. Alarm Controls (AL) -SREX-100
- c. Securitron (SU) - XMS Series.

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

1. Manufacturers:

- a. Schlage Electronics (SC) 679-05HM/WD Series.
- b. SDC (SD) -MC-4 Series.
- c. Securitron (SU) - DPS Series.

- F. Switching Power Supplies: Provide power supplies with either single or dual voltage configurations at 12 or 24VDC. Power supplies shall have battery backup function with an integrated battery charging circuit and shall provide capability for power distribution, direct lock control and Fire Alarm Interface (FAI) through add on modules. Power supplies shall be expandable up to 16 individually protected outputs. Output modules shall provide individually protected, continuous outputs and/or individually protected, relay controlled outputs.

1. Provide the least number of units, at the appropriate amperage level, sufficient to exceed the required total draw for the specified electrified hardware and access control equipment.

2. Manufacturers:

- a. Schlage Electronics (SC) -PS902 Series.
- b. SDC (SD) – 600 Series.
- c. Securitron (SU) – AQD2 Series.

2.19 FABRICATION

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

2.20 FINISHES

- A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.
- B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware
- C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.2 PREPARATION

- A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.
- B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.3 INSTALLATION

- A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.
 - 1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.
- B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:
 - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
 - 2. DHI TDH-007-20: Installation Guide for Doors and Hardware.

3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
 4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.
- C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
- D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."
- E. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.4 FIELD QUALITY CONTROL

- A. Field Inspection (Punch Report): Reference Division 01 Sections "Closeout Procedures". Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.
1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.

3.5 ADJUSTING

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

3.6 CLEANING AND PROTECTION

- A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.
- B. Clean adjacent surfaces soiled by door hardware installation.

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

3.7 DEMONSTRATION

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

3.8 DOOR HARDWARE SETS

- A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
 - 1. Quantities listed are for each pair of doors, or for each single door.
 - 2. The supplier is responsible for handing and sizing all products.
 - 3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.
 - 4. At existing openings with new hardware the supplier shall field inspect existing conditions prior to the submittal stage to verify the specified hardware will work as required. Provide alternate solutions and proposals as needed.
 - 5. **Substitutions of products outside of the specification are not permitted, will not be considered, and will be rejected immediately.**

Door Hardware Sets:

HARDWARE SET 1

Doors: V100-1

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH957ET 630 M92 MELR CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Concealed Overhead Holder/Stop	1ADJ-336 689	Rixson
1	EA	Automatic Opener	6021 689	Norton
1	EA	Threshold	171A x 36"	Pemko
1	EA	Sweep	315CN x 36"	Pemko
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron
1	EA	Door Switch	502	Norton
1	EA	Door Switch	504	Norton

DOOR SEALS BY DOOR MFG.

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM. DURING UNLOCKED HOURS, FREE INGRESS BY WALL MOUNTED PUSH PAD. FREE EGRESS AT ALL TIMES BY EXIT DEVICE PUSH PAD.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 2

Doors: V101-1

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH950ET 630 M92 MELR	Corbin Russwin
1	EA	Concealed Overhead Holder/Stop	1ADJ-336 689	Rixson
1	EA	Automatic Opener	6021 689	Norton
1	EA	Threshold	171A x 36"	Pemko
1	EA	Sweep	315CN x 36"	Pemko
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

DOOR SEALS BY DOOR MFG.

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM. DOOR IS INTENDED FOR EGRESS ONLY, NO INGRESS. FREE EGRESS AT ALL TIMES BY EXIT DEVICE PUSH PAD AND WALL MOUNTED PUSH PAD.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 3

Doors: V100-4

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH957ET 630 M92 MELR CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 28 OWNER SPECIFIC	Medeco
1	EA	Concealed Overhead Holder/Stop	1ADJ-336 689	Rixson
1	EA	Automatic Opener	6021 689	Norton
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron
1	EA	Power Supply	AQD2-8F8R2	Securitron

DOOR SEALS BY DOOR MFG.

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM. DURING UNLOCKED HOURS, FREE INGRESS BY WALL MOUNTED PUSH PAD. FREE EGRESS AT ALL TIMES BY EXIT DEVICE PUSH PAD.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 4

Doors: V101-4

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH950ET 630 M92 MELR	Corbin Russwin
1	EA	Concealed Overhead Holder/Stop	1ADJ-336 689	Rixson
1	EA	Automatic Opener	6021 689	Norton
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron
1	EA	Door Switch	502	Norton
1	EA	Door Switch	504	Norton

DOOR SEALS BY DOOR MFG.

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM. DOOR IS INTENDED FOR EGRESS ONLY, NO INGRESS. FREE EGRESS AT ALL TIMES BY EXIT DEVICE PUSH PAD AND WALL MOUNTED PUSH PAD.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 5

Doors: V100-2, V100-3, V101-2, V101-3, V102-2, V102-3

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH950ET 630 M92 MELR	Corbin Russwin
1	EA	Surface Closer	DC6210 689 A11 M77	Corbin Russwin
1	EA	Drop Plate	597F58 689	Corbin Russwin
1	EA	Threshold	171A x 36"	Pemko
1	EA	Sweep	315CN x 36"	Pemko
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

DOOR SEALS BY DOOR MFG.

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 6

Doors: 118T, V102-1

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH957ET 630 M92 MELR CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A11 M77	Corbin Russwin
1	EA	Drop Plate	597F58 689	Corbin Russwin
1	EA	Threshold	171A x 36"	Pemko
1	EA	Sweep	315CN x 36"	Pemko
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

DOOR SEALS BY DOOR MFG.

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 7

Doors: V100-5, V100-6, V101-5, V101-6, V102-5, V102-6

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH950ET 630 M92 MELR	Corbin Russwin
1	EA	Surface Closer	DC6210 689 A11 M77	Corbin Russwin
1	EA	Drop Plate	597F58 689	Corbin Russwin
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

DOOR SEALS BY DOOR MFG.

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 8

Doors: V102-4

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH957ET 630 M92 MELR CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A11 M77	Corbin Russwin
1	EA	Drop Plate	597F58 689	Corbin Russwin
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

DOOR SEALS BY DOOR MFG.

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 9

Doors: 103-2, 206F, 210E, 210G, 306F, 310E, 310G, C-202, C-302

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3786-QC8 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Rim Exit Device	ED5200 L957ET 630 M92 MELR CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 10

Doors: 132

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3786-QC8 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Electrified Rim Exit	ED5200 D L9905ET 630 M89 CT7SB	Corbin Russwin
2	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Housing	CR1040-138 A02 7-Pin 626	Corbin Russwin
1	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE TRIM CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM. VALID CREDENTIAL REQUIRED TO OVERRIDE DELAYED EGRESS AND SHUNT ALARM. REMOTE UNLOCK FROM CONTROL CENTER. INTERCOM BY SECURITY CONTRACTOR. CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR.

HARDWARE SET 11

Doors: 131-1

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electrified Rim Exit	ED5200 D L9905ET 630 M89 CT7SB	Corbin Russwin
2	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Housing	CR1040-138 A02 7-Pin 626	Corbin Russwin
1	EA	Surface Closer	DC6210 689 A11 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Threshold	171A x 36"	Pemko
1	EA	Gasketing	2891APK x 36" x 96"	Pemko
1	EA	Sweep	315CN x 36"	Pemko
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE TRIM CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM. VALID CREDENTIAL REQUIRED TO OVERRIDE DELAYED EGRESS AND SHUNT ALARM. REMOTE UNLOCK FROM CONTROL CENTER. INTERCOM BY SECURITY CONTRACTOR. CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 12

Doors: S103-0

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 TH957ET 630 M92 MELR CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A11 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Threshold	171A x 36"	Pemko
1	EA	Gasketing	2891APK x 36" x 84"	Pemko
1	EA	Sweep	315CN x 36"	Pemko
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securiton

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 13

Doors: U-105.1

EACH TO RECEIVE:

6	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
2	EA	Electric Hinge	TA2714-QC8 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Mullion	CR908KMSM 8' M95	Corbin Russwin
1	EA	Rim Exit Device	ED5200 L950ET 630 M51 M92	Corbin Russwin
1	EA	Rim Exit Device	ED5200 L957ET 630 M51 M92 MELR CT7SB	Corbin Russwin
2	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Housing	CR1040-138 A02 7-Pin 626	Corbin Russwin
2	EA	Surface Closer	DC6210 689 A4 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Gasketing	S88BL 21'	Pemko
1	EA	Gasketing	5110BL 120"	Pemko
2	EA	Door Bottom	411ARL 36"	Pemko
2	EA	ElectroLynx Harness	QC-C200P	McKinney
2	EA	ElectroLynx Harness	QC-C1500P	McKinney
2	EA	Position Switch	DPS-M-GY	Securiton

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 14

Doors: S-102

EACH TO RECEIVE:

2	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Electric Hinge, Hvy Wt	T4A3386-QC8 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Rim Exit Device	ED5200 EO 630 M61	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Housing	CR1040-138 A02 7-Pin 626	Corbin Russwin
1	EA	Surface Closer	DC6210 689 A11 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Threshold	171A x 36"	Pemko
1	EA	Gasketing	2891APK x 36" x 84"	Pemko
1	EA	Sweep	315CN x 36"	Pemko
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron

ALARM DEVICE. SIGNAGE REQUIRED.

HARDWARE SET 15

Doors: 401

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A11 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Threshold	171A x 36"	Pemko
1	EA	Gasketing	2891APK x 36" x 96"	Pemko
1	EA	Sweep	315CN x 36"	Pemko

HARDWARE SET 16

Doors: 106B, 106B-1, 113A, 325, C-104

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Electric Strike	1500C-LMS 630	HES
1	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securitron
1	EA	Motion Sensor	XMS	Securitron

OPERATION: LOCKING/UNLOCKING OF STRIKE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.
CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 17

Doors: 106A, 108, 116-1, 211, 311

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Electric Strike	1500C-LMS 630	HES
1	EA	Surface Closer	DC6210 689 A4 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securiton
1	EA	Motion Sensor	XMS	Securiton

OPERATION: LOCKING/UNLOCKING OF STRIKE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.
CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 18

Doors: 104-2, 104-3, 104Y, 106, 110, 114E, 116, 206D, 206E, 206G, 207, 210F, 210H, 215, 217, 221, 222, 222A, 224, 224A, 306D, 306E, 306G, 310F, 310H, 313, 314, 315, 317, 321, 322, 322A, 324, 324A, 326, C-101, C-112, C-112B, C-203, C-203A, C-303, C-303A, U-101, U-102, U-106, U-203, U-303

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Electric Strike	1500C-LMS 630	HES
1	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securiton
1	EA	Motion Sensor	XMS	Securiton

OPERATION: LOCKING/UNLOCKING OF STRIKE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.
CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 19

Doors: U100

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise, Hvy Wt	T4A3386xNRP 4-1/2" x 4-1/2" US32D	McKinney
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Electric Strike	1500C-LMS 630	HES
1	EA	Surface Closer	DC6210 689 A11 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Threshold	171A x 36"	Pemko
1	EA	Gasketing	2891APK x 36" x 84"	Pemko
1	EA	Sweep	315CN x 36"	Pemko
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
1	EA	Position Switch	DPS-M-GY	Securiton
1	EA	Motion Sensor	XMS	Securiton

OPERATION: LOCKING/UNLOCKING OF STRIKE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.
CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 20

Doors: 104A, 104B, 104C, 104D, 104E, 104F, 104H, 104J, 104K, 104L, 104N, 104P, 104Q, 104R, 104T, 110A, 110C, 110D, 112A, 112C, 112D, 113B, 113C, 113F, 113H, 116A, 116B, 116C, 116D, 117C, 117D, 117E, 117G, 117H, 117J, 117L, 117M, 117N, 118A, 118B, 118C, 118D, 118E, 118F, 118G, 118H, 118J, 118K, 118L, 118M, 121, 123, 208, 209, 214, 215A, 215C, 215D, 215E, 215F, 215G, 217A, 235, 236, 308, 309, 315A, 315C, 315D, 315E, 317A, 335, 336

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Office/Entry Lock	ML2051 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 21

Doors: 117F-1

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Office/Entry Lock	ML2051 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Door Stop	482 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 22

Doors: 103C, 103D, 104U, 104V, 106C, 112B, 113D, 118P, 118Q, 122, 124, 126, 128, 213A, 213B, 215B, 215H, 218, 219, 220, 223A, 223B, 313A, 313B, 315B, 315F, 318, 319, 320, 323A, 323B

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Privacy w/ Ind.	ML2030 LWA M34 626 V21	Corbin Russwin
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 23

Doors: 132-2

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Fire Rated Rim Exit	ED5200A L955ET 630 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 24

Doors: S103-1

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Fire Rated Rim Exit	ED5200A L910ET 630 W048	Corbin Russwin
1	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 40" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 25

Doors: S-203, S-303

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Fire Rated Rim Exit	ED5200A L910ET 630	Corbin Russwin
1	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 26

Doors: S-202, S-302

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Electric Hinge	TA2714-QC8 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Fire Rated Rim Exit	ED5200A L910ET 630 M61	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Housing	CR1040-138 A02 7-Pin 626	Corbin Russwin
1	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood
1	EA	ElectroLynx Harness	QC-C200P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney

ALARM DEVICE. SIGNAGE REQUIRED.

HARDWARE SET 27

Doors: 107, 109, 203, 205, 303, 305

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Push Plate	70C-RKW US32D	Rockwood
1	EA	Pull Plate	110x70C US32D	Rockwood
1	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 28

Doors: 103, 104-1, 114, 114B, 206, 206A, 210, 306, 306A, 310

EACH TO RECEIVE:

8	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
2	EA	Surface Vert Rod Exit	ED5470 L955ET 630 M55 CT7SB	Corbin Russwin
2	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
2	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 35" US32D CSK	Rockwood
2	EA	Door Stop	482 US26D	Rockwood
2	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 29

Doors: S-201

EACH TO RECEIVE:

8	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
2	EA	Surface Vert Rod Exit	ED5470 L910ET 630 H1000 W048 M55	Corbin Russwin
2	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 47" US32D CSK	Rockwood
2	EA	Door Stop	482 US26D	Rockwood
2	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 30

Doors: C117

EACH TO RECEIVE:

6	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
2	EA	Electric Hinge, Hvy Wt	T4A3786-QC8 4-1/2" x 4-1/2" US26D	McKinney
2	EA	Surface Vert Rod Exit	ED5470 L957ET 630 M55 M92 MELR CT7SB	Corbin Russwin
2	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
2	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 35" US32D CSK	Rockwood
2	EA	Door Stop	482 US26D	Rockwood
2	EA	Silencer	608-RKW	Rockwood
2	EA	ElectroLynx Harness	QC-C200P	McKinney
2	EA	ElectroLynx Harness	QC-C1500P	McKinney
2	EA	Position Switch	DPS-M-GY	Securiton

OPERATION: LOCKING/UNLOCKING OF EXIT DEVICE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.

CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 31

Doors: U-103, U-104, U-202, U-302, U-305

EACH TO RECEIVE:

3	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A4 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 32

Doors: 103A, U100.1, U-204, U-304

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Door Stop	482 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 33

Doors: 103E

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 40" US32D CSK	Rockwood
1	EA	Door Stop	482 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 34

Doors: 112, 113, 114A, 213, 223, 302, 307, 323, U-301

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Classroom Lock	ML2055 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
1	EA	Wall Stop	400 US26D	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 35

Doors: 110B, 118N, 216, 316

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Classroom Lock	ML2055 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A4 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 34" US32D CSK	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 36

Doors: U-105

EACH TO RECEIVE:

4	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Classroom Lock	ML2055 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Surface Closer	DC6210 689 A4 M54	Corbin Russwin
1	EA	Kick Plate	K1050 8" x 40" US32D CSK	Rockwood
3	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 37

Doors: 104S, 301

EACH TO RECEIVE:

8	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	Set	Flush Bolt	2845 US26D	Rockwood
1	EA	Dummy Trim	ML2070 LWA 626	Corbin Russwin
1	EA	Classroom Lock	ML2055 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
2	EA	Concealed Overhead Holder/Stop	1ADJ-336 689	Rixson
2	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 35" US32D CSK	Rockwood
2	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 38

Doors: 104M

EACH TO RECEIVE:

8	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	Set	Flush Bolt	2845 US26D	Rockwood
1	EA	Dummy Trim	ML2070 LWA 626	Corbin Russwin
1	EA	Classroom Lock	ML2055 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
2	EA	Surface Closer	DC6210 689 A4 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 35" US32D CSK	Rockwood
2	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 39

Doors: 117B

EACH TO RECEIVE:

1	EA	Electric Hinge	TA2714-QC8 4-1/2" x 4-1/2" US26D	McKinney
7	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	Set	Flush Bolt	2845 US26D	Rockwood
1	EA	Dummy Trim	ML2070 LWA 626	Corbin Russwin
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Electric Strike	1500C-LMS 630	HES
2	EA	Concealed Overhead Holder/Stop	1ADJ-336 689	Rixson
2	EA	Surface Closer	DC6200 689 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 35" US32D CSK	Rockwood
2	EA	Silencer	608-RKW	Rockwood
1	EA	ElectroLynx Harness	QC-C300P	McKinney
1	EA	ElectroLynx Harness	QC-C1500P	McKinney
2	EA	Position Switch	DPS-M-GY	Securiton
1	EA	Motion Sensor	XMS	Securiton

OPERATION: LOCKING/UNLOCKING OF STRIKE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.
CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

HARDWARE SET 40

Doors: 118

EACH TO RECEIVE:

8	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 5" US26D	McKinney
1	Set	Flush Bolt	2845 US26D	Rockwood
1	EA	Dummy Trim	ML2070 LWA 626	Corbin Russwin
1	EA	Classroom Lock	ML2055 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
2	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
2	EA	Door Stop & Holder	491-RKW US26D	Rockwood

HARDWARE SET 41

Doors: 100A, 100B, 114D, 206C, 210A, 210B, 210C, 310A, 310B, 310C

EACH TO RECEIVE:

2	EA	Hinge, Double Acting, 1001 6" US26D Spring	McKinney
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HARDWARE SET 42

Doors: 114C, 206B, 306B

EACH TO RECEIVE:

4	EA	Hinge, Double Acting, 1001 6" US26D Spring	McKinney
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HARDWARE SET 43

Doors: 210D, 306C, 310D

EACH TO RECEIVE:

2	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
1	EA	Gate Lock	602 US26D	Rockwood

HARDWARE SET 44

Doors: 230, 231, 232, 233, 234, 330, 331, 332, 333, 334

EACH TO RECEIVE:

1	EA	All Hardware	By Others
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HARDWARE SET 45

Doors: 104X, 113G, 118S

EACH TO RECEIVE:

1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Housing	CR1040-138 A03 7-Pin 626	Corbin Russwin

ALL OTHER HARDWARE BY DOOR MFG.

HARDWARE SET 46

Doors: L115

EACH TO RECEIVE:

8	EA	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2" US26D	McKinney
2	EA	Surface Vert Rod Exit	ED5470 L955ET 630 M55 CT7SB	Corbin Russwin
2	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
2	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 35" US32D CSK	Rockwood
2	EA	Electromagnetic Holder	998M 689	Rixson
2	EA	Armature	900 689	Rixson
2	EA	Spacer	900-200 689	Rixson
2	EA	Silencer	608-RKW	Rockwood

HARDWARE SET 47

Doors: 117

EACH TO RECEIVE:

8	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 5" US26D	McKinney
2	EA	Surface Vert Rod Exit	ED5470 L955ET 630 M55 CT7SB	Corbin Russwin
2	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
2	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
2	EA	Kick Plate	K1050 8" x 35" US32D CSK	Rockwood
2	EA	Door Stop & Holder	491-RKW US26D	Rockwood

HARDWARE SET 48

Doors: 117F

EACH TO RECEIVE:

1	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 QC8 4-1/2" x 5" US26D	McKinney
7	EA	Hinge, Full Mortise, Hvy Wt	T4A3786 4-1/2" x 5" US26D	McKinney
1	Set	Flush Bolt	2845 US26D	Rockwood
1	EA	Dummy Trim	ML2070 LWA 626	Corbin Russwin
1	EA	Storeroom Lock	ML2057 LWA 626 CT7SB	Corbin Russwin
1	EA	Small Format Inter Core	33-7 26 OWNER SPECIFIC	Medeco
1	EA	Electric Strike	1500C-LMS 630	HES
2	EA	Surface Closer	DC6210 689 A3 M54	Corbin Russwin
2	EA	Door Stop & Holder	491-RKW US26D	Rockwood
2	EA	ElectroLynx Harness	QC-C1500P	McKinney
2	EA	Position Switch	DPS-M-GY	Securitron
1	EA	Motion Sensor	XMS	Securitron

OPERATION: LOCKING/UNLOCKING OF STRIKE CONTROLLED BY BUILDING ACCESS CONTROL SYSTEM.
CARD READER AND POWER SUPPLY BY SECURITY CONTRACTOR

END OF SECTION 087100

**SECTION 10 14 00
SIGNAGE****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Room and door signs.
- B. Interior directional and informational signs.
- C. Luminous egress path marking and other "glow-in-the-dark" signs.
- D. Dimensional letter signs.
- E. Building street number.
- F. Plaque.
- G. County seal.

1.02 REFERENCE STANDARDS

- A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.
- B. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.
- C. Shop Drawings: Submit shop drawings listing sign size, letter form and letter heights.
- D. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
 - 1. When room numbers to appear on signs differ from those on drawings, include the drawing room number on schedule.
 - 2. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
 - 3. Submit for approval by Owner through Architect prior to fabrication.
- E. Samples: Submit two samples of each type of sign, of size similar to that required for project, illustrating sign style, font, and method of attachment.
- F. Selection Samples: Where colors are not specified, submit two sets of color selection charts or chips.
- G. Verification Samples: Submit samples showing colors specified.
- H. Manufacturer's Installation Instructions: Include installation templates and attachment devices.
- I. Manufacturer's Qualification Statement.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Package signs as required to prevent damage before installation.
- B. Package room and door signs in sequential order of installation, labeled by floor or building.
- C. Store tape adhesive at normal room temperature.

1.06 FIELD CONDITIONS

- A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.
- B. Maintain this minimum temperature during and after installation of signs.

PART 2 PRODUCTS**2.01 MANUFACTURERS**

- A. Flat Signs:
 - 1. Best Sign Systems, Inc: www.bestsigns.com/#sle.
 - 2. FASTSIGNS: www.fastsigns.com/#sle.
 - 3. Inpro: www.inprocorp.com/#sle.
 - a. Boston Basis of Design or approved substitution.
 - 4. Mohawk Sign Systems, Inc: www.mohawksign.com/#sle.
 - 5. Seton Identification Products: www.seton.com/aec.
 - 6. ASI Sign Systems, Inc: www.asisignage.com.
 - 7. Gemini, Inc.: www.geminisigns.com.
 - 8. Avalis Wayfinding Solutions: www.avalisway.com.
 - 9. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Dimensional Letter Signs:
 - 1. FASTSIGNS: www.fastsigns.com/#sle.
 - 2. Inpro: www.inprocorp.com/#sle.
 - 3. Mohawk Sign Systems, Inc: www.mohawksign.com.
 - 4. Gemini Incorporated: www.geminisigns.com.
 - 5. Substitutions: See Section 01 60 00 - Product Requirements.
- C. Plaques:
 - 1. Artistic Bronze: www.artisticbronze.net.
 - 2. Franklin Bronze Plaques: www.franklinbronzeplaques.com.
 - 3. Gemini Incorporated: www.geminisignproducts.com.
 - 4. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 SIGNAGE APPLICATIONS - FLAT

- A. Accessibility Compliance: Signs are required to comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.
- B. Room and Door Signs: Provide a sign for every doorway, whether it has a door or not, not including corridors, lobbies, and similar open areas.
 - 1. Sign Type: Flat signs with bonded panel media as specified.
 - 2. Provide "tactile" signage, with letters raised minimum 1/32 inch (0.8 mm) and Grade II braille.
 - 3. Copy Position: As indicated on drawings.
 - 4. Sign Height: As necessary for compliance with ANSI/ICC A 117.1 Chapter 7.
 - 5. Classroom and Office Doors: Identify with room numbers to be determined later, not the numbers shown on the drawings; in addition, provide "window" section for replaceable occupant name.
 - a. View window: Two line.
 - 6. Conference and Meeting Rooms: Identify with room numbers to be determined later, not the numbers indicated on drawings; in addition, provide "window" section with sliding "In Use/Vacant" indicator.
 - 7. Service Rooms: Identify with room names and numbers to be determined later, not those indicated on drawings.
 - 8. Rest Rooms: Identify with pictograms, the names "MEN" and "WOMEN" room numbers to be determined later, and braille.

- a. 8" x 10" with a gender symbol and the verbal description placed directly below followed by Grade 2 braille.

2.03 INTERIOR DIRECTIONAL AND INFORMATIONAL SIGNS

- A. Sign Type: Same as room and door signs.
- B. Wording of signs is scheduled on drawings.
- C. Where suspended, ceiling mounted, or projecting from wall signs are indicated, provide two-sided signs with same information on both sides.
- D. Luminous Egress Path Marking and Other "Glow-in-the-Dark" Signs: Photoluminescent media.

2.04 BUILDING IDENTIFICATION SIGNS

- A. Use individual metal letters.
- B. Custom "Sand Blasted": As indicated on drawings.
- C. Mount on outside wall in location indicated on drawings.

2.05 BUILDING STREET NUMBER

- A. Use individual die cut vinyl numbers.
 1. Size: 10 inches.
 2. Color: As selected by Architect from manufacturer's full range.
- B. Content: As directed by owner.
- C. Location: As directed by owner.

2.06 SIGN TYPES - FLAT

- A. Flat Signs: Signage media without frame.
 1. Edges: Square.
 2. Corners: Square.
 3. Wall Mounting of One-Sided Signs: Tape adhesive.
 4. Wall and Ceiling Mounting of Two-Sided Signs: Aluminum wall bracket, powder coated, color selected from manufacturer's standard colors, attached with screws in predrilled mounting holes, set in clear silicone sealant.
 5. Suspended Mounting: Stainless steel suspension cables, cable clamps, and ceiling fastener suitable for attachment to ceiling construction indicated.
- B. Color and Font: Unless otherwise indicated:
 1. Character Font: Helvetica, Arial, or other sans serif font.
 2. Character Case: Upper case only.
 3. Background Color: As selected by Architect from manufacturer's full range.
 4. Character Color: Contrasting color, to be selected from manufacturer's full range.

2.07 TACTILE SIGNAGE MEDIA

- A. Injection Molded Panels: One-piece acrylic plastic, with raised letters and braille.
 1. Total Thickness: 1/8 inch (3 mm).
 2. Panel Edges: Square.
 3. Panel Corners: Square.
 4. Mounting: Tape Adhesive.
 5. Application: Tactile "EXIT" signs at each exit door.

2.08 PLAQUES

- A. Metal Plaques:
 1. Metal: Bronze sheet, flat, etched.
 2. Metal Thickness: 1/8 inch (3 mm), minimum.
 3. Size: As indicated on drawings.
 4. Text and Typeface:
 - a. Character Font: Helvetica, Arial, or other sans serif font.

- b. Character Case: Upper case only.
 - c. Character Color: Contrast with background color.
- 5. Border Style: As indicated on drawings.
- 6. Background Texture: Leatherette.
- 7. Surface Finish: Brushed, satin.
- 8. Painted Background Color: Black.
- 9. Protective Coating: Manufacturer's standard clear coating.
- 10. Manufacturer: International Bronze Plaque Company (Basis of Design or approved substitution).
- 11. Mounting: Blind studs.
- B. County Seal and Judicial Seal:
 - 1. Manufacturer: International Bronze Plaque Company (Basis of Design).
 - 2. Material: Single sided Bronze sheet, flat, etched on HDU polyurethane seal.
 - 3. Size: Varies - as indicated on plans.
 - 4. Border: Finish Material to wrap boarder.
 - 5. Letter Style: Custom.
 - 6. Mounting Method: Concealed mounting.
 - 7. Background Color: Same as material.
 - 8. Content: Custom as indicated on plans.

2.09 DIMENSIONAL LETTERS

- A. Metal Letters:
 - 1. Metal: Aluminum casting.
 - 2. Metal Thickness: 2 inch minimum (50 mm).
 - 3. Letter Height: As indicated on drawings.
 - 4. Text and Typeface:
 - a. Character Font: Helvetica, Arial, or other sans serif font.
 - b. Character Case: Upper case only.
 - 5. Finish: Baked enamel.
 - a. Color: To be selected by Architect from manufacturer's full range.
 - 6. Product: ASI Series LF Light Weight Fabricated Metal Dimensional Letters Basis of Design or approved substitution.
 - 7. Mounting: Projected stud.
 - 8. Content: As indicated on plans.

2.10 PHOTOLUMINESCENT MEDIA

- A. Elevator Signs: Acrylic photoluminescent square.
 - 1. Symbol: As indicated on drawings.
 - 2. Size: As indicated on drawings.
 - 3. Mounting: Peel-and-stick.

2.11 ACCESSORIES

- A. Concealed Screws: Stainless steel, galvanized steel, chrome plated, or other non-corroding metal.
- B. Tape Adhesive: Double sided tape, permanent adhesive.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify installation conditions previously established under other sections are acceptable for product installation in accordance with manufacturer's instructions.
- B. Scheduling of installation implies that substrate and conditions are prepared and ready for product installation. Proceeding with installation implies installer's acceptance of substrate and conditions.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.

- B. Install neatly, with horizontal edges level.
- C. Locate signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1.
- D. Protect from damage until Date of Substantial Completion; repair or replace damaged items.

3.03 CLEANING

- A. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance.
- B. Remove temporary coverings and protection to adjacent work areas.
- C. Repair scratches and other damage which might have occurred during installation. Replace components where repairs were made but are still visible to the unaided eye from a distance of 10 feet.

END OF SECTION

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SECTION 10 21 13.17
PHENOLIC TOILET COMPARTMENTS - ASI**PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Phenolic toilet compartments.
- B. Phenolic urinal screens.

1.02 REFERENCE STANDARDS

- A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.
- B. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2024.
- C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.
- D. NEMA LD 3 - High-Pressure Decorative Laminates; 2005.

1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements for submittal procedures.
- B. Product Data: Provide data on panel construction, hardware, accessories, and finishes.
- C. Shop Drawings:
 - 1. Indicate plans, elevations, and dimensions. Include door swings, toilet fixture centerlines, and floor drains on plans.
 - 2. Indicate details of wall, floor, and ceiling supports and attachments.
 - 3. Indicate cutouts for through-partition toilet accessories.
- D. Samples:
 - 1. For Initial Selection: Submit color charts and samples for each type of toilet compartment material.
- E. Manufacturer's qualification statement.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with at least three years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. See Section 01 74 19 - Construction Waste Management and Disposal for packaging waste requirements.
- B. Deliver, store, handle materials and products in accordance with manufacturer's instructions, recommendations, and industry standards.
- C. Do not deliver materials or begin installation until building enclosed, with complete protection from outside weather, and maintain building temperature at minimum of 60 degrees F (15.6 degrees C).
- D. Store products indoors in manufacturer's or fabricator's original containers and packaging, with labels clearly identifying product name and manufacturer. Protect from damage.
- E. Do not store where ambient temperature exceeds 120 degrees F (49 degrees C).

1.06 FIELD CONDITIONS

- A. Ambient Conditions: Maintain environmental conditions such as temperature, humidity, and ventilation within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
- B. Existing Conditions: Verify actual locations of toilet fixtures, walls, columns, ceilings, and other construction contiguous with toilet compartments by field measurements before fabrication.

1.07 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals for additional warranty requirements.

- B. Black Core or Color-Thru Phenolic Finish Warranty: Provide 25-year manufacturer warranty against delamination, breakage or corrosion of black core or color-thru phenolic material properly maintained in accordance with manufacturer's recommendations.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Basis of Design Manufacturer: ASI Accurate Partitions: www.asi-accuratepartitions.com/#sle.
- B. Bobrick; www.bobrick.com/#sle.
- C. Bradley Corp; www.bradleycorp.com/#sle.
- D. Substitutions: See Section 01 60 00 - Product Requirements.
- E. Source Limitations: Furnish products produced by single manufacturer and obtained from single supplier.

2.02 PHENOLIC TOILET COMPARTMENTS

- A. Alpaco Toilet Compartments: Color-Thru phenolic, Alpaco Classic - floor anchored, overhead braced with pedestal legs.
- B. Urinal Screens: Color-Thru phenolic, wall hung.
- C. Design Criteria:
 - 1. Accessibility: Design compartments indicated on drawings to comply with ICC A117.1 and ADA Standards.
 - 2. Color-Thru Phenolic Surface Burning Characteristics: Provide assemblies with flame spread index of 25 or less and smoke developed index of 450 or less, Class A, when tested in accordance with ASTM E84.
 - 3. Black Core Phenolic Surface Burning Characteristics: Provide assemblies with flame spread index of 75 or less and smoke developed index of 450 or less, Class B, when tested in accordance with ASTM E84.
- D. Fabrication:
 - 1. Fabricate toilet compartment components to sizes indicated.
 - 2. Coordinate requirements and provide cutouts for through-partition toilet accessories and solid blocking within panel where required for attachment of toilet accessories.
 - 3. Provide shoes and caps at pilasters and posts to conceal anchorage, supports, and leveling mechanisms.
 - 4. Provide manufacturer's standard corrosion-resistant supports, leveling mechanisms, anchors, and anchoring assemblies for pilasters and posts.
 - 5. Floor-Anchored, Overhead-Braced Units: Provide supports, leveling mechanisms, Easy-Stall shoes, and anchors at pilasters to suit floor conditions.

2.03 COMPONENTS

- A. Doors, Panels, and Pilasters: Phenolic-resin impregnated, wood-based product core with melamine-impregnated decorative surface papers and transparent, protective topcoat; NEMA LD 3 Compact Laminate.
 - 1. Finish: Matte.
 - 2. Color-Thru Phenolic Color: As selected from manufacturer's color card by Architect.
- B. Alpaco Classic Door, Panel, and Pilaster Dimensions:
 - 1. Thickness: 1/2 inch (13 mm).
 - 2. Door and Panel Height: 76-3/4 inches (1950 mm).
 - 3. Pilaster Height: 78-3/4 inches (2000 mm).
- C. Alpaco Classic and Alpaco Elegance Panel or Pilaster Pedestal Legs: Brushed stainless steel, adjustable in height plus or minus to 1 inch (25 mm) to support panel 4 inches (102 mm) above finished floor.
- D. Alpaco Classic Head Rails: Extruded aluminum headrail, octagonal in cross-section, powder - coated black.

2.04 MATERIALS

- A. Phenolic Panels: Monolithic core of phenolic resin, reinforced with cellulose fibers, manufactured under high pressure and at high temperatures, with melamine-impregnated decorative surface papers; NEMA LD 3, Compact Laminate.

2.05 HARDWARE AND ACCESSORIES

- A. Brackets:
- B. Alpaco Door Hardware:
 - 1. Hinges: Brushed stainless steel barrel hinges.
 - 2. Latch and Keeper: Brushed stainless steel latch with occupancy indicator.
 - 3. Coat Hook: Brushed stainless steel. Manufacturer's Alpaco coat hook with rubber bumper; one per compartment, mounted on door.
 - 4. Door Pull: Brushed stainless steel. Provide door pull for outswinging doors. Provide on both sides of doors designated as accessible.
 - 5. Door Bumper: Brushed stainless steel. Provide rubber-tipped door bumpers at out-swinging doors.
- C. Attachments, Screws, and Bolts: Stainless steel, tamper-resistant type.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Verify existing conditions before starting work.
- B. Verify that field measurements are as indicated.
- C. Verify correct spacing of and between plumbing fixtures.
- D. Verify correct location of built-in framing, anchorage, and bracing.

3.02 INSTALLATION

- A. Install partitions secure, rigid, plumb, and level in accordance with manufacturer's written instructions.
- B. Attach panel brackets securely to walls using anchor devices.
- C. Attach panels and pilasters to brackets. Locate head rail joints at pilaster centerlines.
- D. Field touch-up of scratches or damaged finish not permitted. Replace damaged or scratched materials with new materials.

3.03 TOLERANCES

- A. Maximum Variation from True Position: 1/4 inch (6 mm).
- B. Maximum Variation from Plumb: 1/8 inch (3 mm).

3.04 ADJUSTING

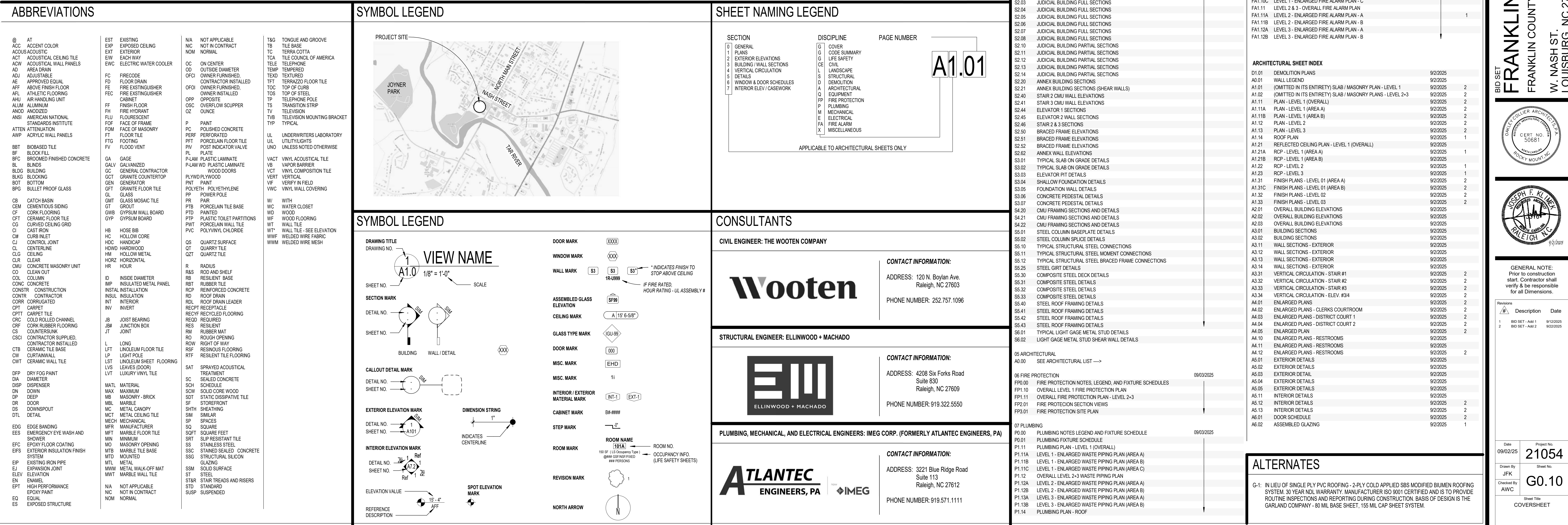
- A. Adjust and align hardware to uniform clearance at vertical edge of doors, not exceeding 3/16 inch (5 mm).
- B. Adjust adjacent components for consistency of line or plane.

3.05 CLEANING

- A. See Section 01 70 00 - Execution and Closeout Requirements for additional requirements.
- B. Clean partition and screen surfaces with materials and cleansers in accordance with manufacturer's recommendations.

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ADDRESS: W. NASH ST.
ADDRESS: LOUISBURG, NC 27549



GENERAL NOTES

1. DIMENSIONS ARE FROM:
 - A. EXTERIOR METAL STUD WALLS, EXT. SHEATHING
 - B. MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU), INTERIOR WALLS TO FACE OF STUD
 - C. CURTAINWALL: (CW) AND GLASS (G) (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENINGS AT THE PERIMETER, UNO.
 - D. DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING.
 - E. ROUGH OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING.
2. "F" DENOTES DIMENSION FROM FINISH
3. "X" DENOTES DIMENSION FROM STUD TO FINISH
4. VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
5. SEE STRUCTURAL PLANS FOR ALL DIMENSIONS.
6. SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
7. COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
8. OBTAIN PERMITS TO RECONSTRUCT.
9. SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

PLAN NOTES

1. DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
2. PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS, TYPICAL.
3. INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS.
4. INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS.
5. INTERIOR WALLS ARE ASSUMED TO BE 6" COLD-FORMED METAL STUDS, U.N.O.
6. EXTERIOR STUD WALLS ARE TO BE 8" COLD-FORMED METAL STUDS, U.N.O.

PLANS LEGEND

SYMBOL LEGEND

- S3** WALL TAG; SEE LEGEND (SHEET A0.01)

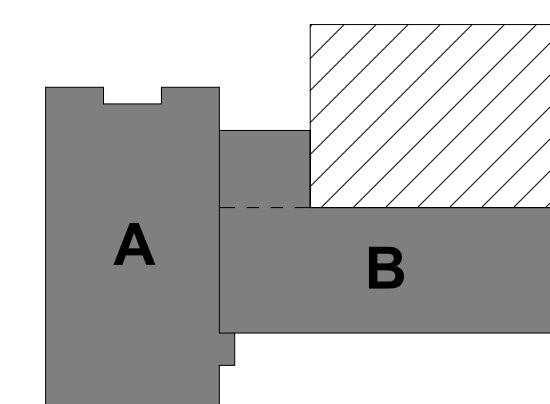
TAG MARKS

- | | |
|------|---|
| FE | FIRE EXTINGUISHER |
| FEC | FIRE EXTINGUISHER CABINET |
| FO | ELECTRICAL FLOOR OUTLET |
| DW | DISHWASHER |
| REF. | REFRIGERATOR |
| TV | TELEVISION HUNG (CENTERED ON WALL U.N.O.) |
| FS-A | FIXED SEATING (TYPE A); REFER TO INTERIOR DETAILS |
| | |
| EW | ELECTRIC WATER COOLER |
| FD | <varies> |
| FLAG | FLAGPOLE |
| MOP | MOP SINK |
| P. | PANTRY CABINETS |
| PLNT | PLANTER |
| SIGN | SITE SIGNAGE |
| V. | VENDING MACHINE; OSOI |

PLAN KEYNOTES

- 01 2.N INTERIOR EXPANSION JOINT AT VERTICAL WALLS, CEILINGS AND ROOFS:
COORD. COVERED ASSEMBLY TYPE ACCORDING TO FINISH MATERIAL AND
DETAILS.
- 02 2.N EXTERIOR EXPANSION JOINT AT VERTICAL WALL, COORD. COVERED
ASSEMBLY TYPE ACCORDING TO COATING/FINISH MATERIAL.
- 03 2.N EXPANSION JOINT, PERPENDICULAR TO WALL CONNECTION.
- 04 SHOP FABRICATED METAL GUARDRAIL
- 05 EMERGENCY EYE WASH STATION, COORDINATE W/ PLUMBING.
- 06 REFRIGERATOR
- 07 DRINKING FOUNTAINS, COORDINATE W/ PLUMBING
- 08 UNDER CABINET DISHWASHER, COORDINATE W/ PLUMBING
- 09 WALL HUNG TELEVISION, HANG CENTER OF TELEVISION @ 8'0" AFF. U.N.O.
- 10 DEDICATION PLAQUE
- 11 FERTILIZATION PLANT INSERT: NORTH CAROLINA JUDICIAL SEAL: 10" F. DIA.
HANGER DOOR OPEN BURNISH
- 12 HANOVER TYPE 2 MACHINE ROOMLESS, 3000 LBS., FRONT & REAR DOOR
HANGING DOOR OPEN BURNISH, 3000 LBS., FRONT DOOR, STRETCHER
CAPABLE THIS DOOR.
- 13 HAMBALAS AT 3'6IN. ABOVE RAMP AND STAIR TREADS, EXTEND 12"
HORIZONTALLY FROM HIRSHI AND LAST STAIR TREAD; DETENTION TYPE - TAMPER
RESISTANT THIS DOOR.
- 14 SHOP FABRICATED METAL COMPOSITE MATERIAL PANEL (DOY SEAL) AT
REQUIRED EDGE OF ROOF CANOPY: FINISH TO BE SUB-SUBSTRUCTURE AS
EXTENDED PER FULL RANGE OF PANEL SUPPORT W/ SELECTED STRUCTURE AS
REQUIRED PER PANELING AND SUBSTRUCTURE.

KEYPLAN

[illegible]

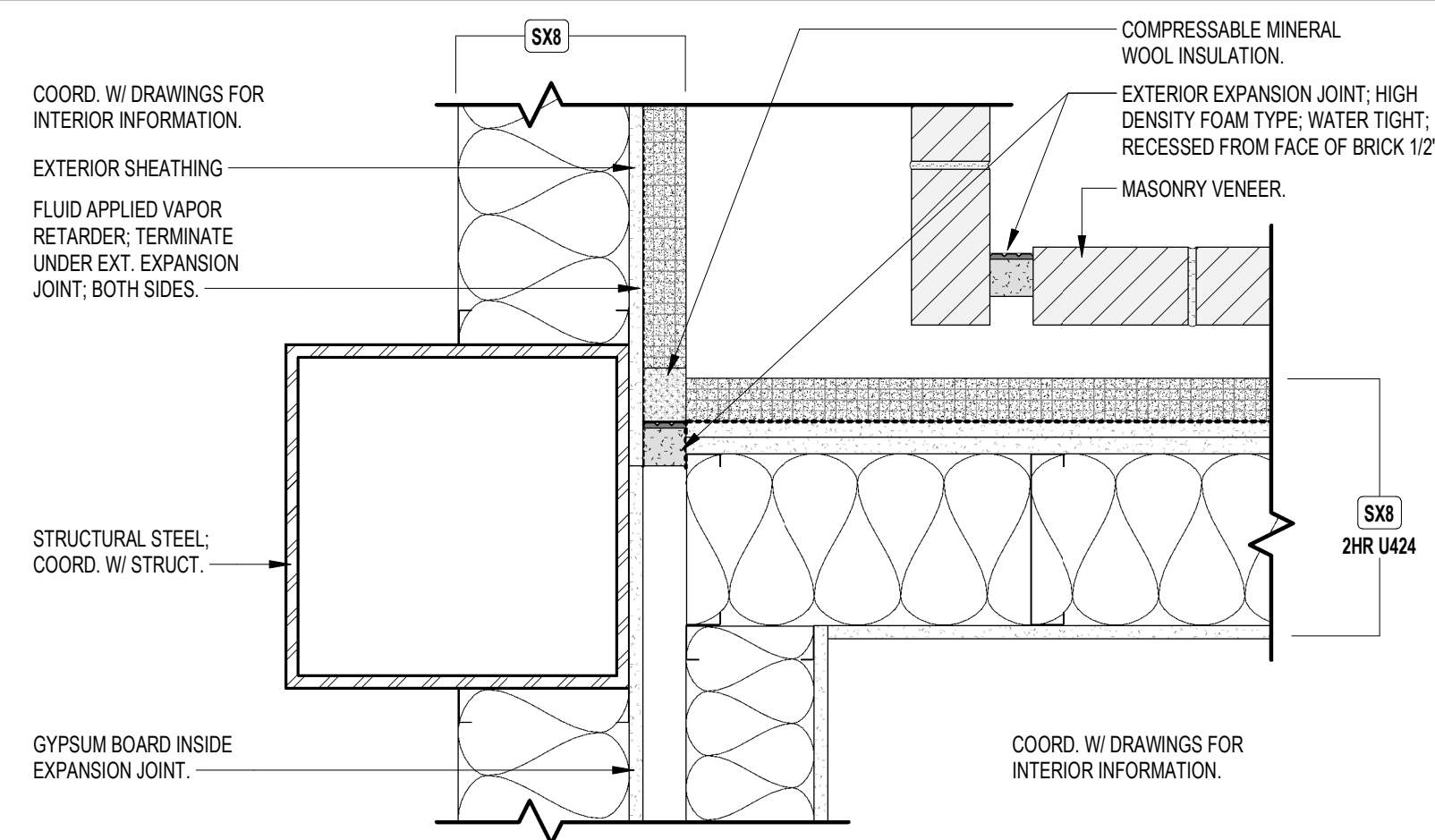
ARCHITECTURAL PLAN - LEVEL 1

A1.1

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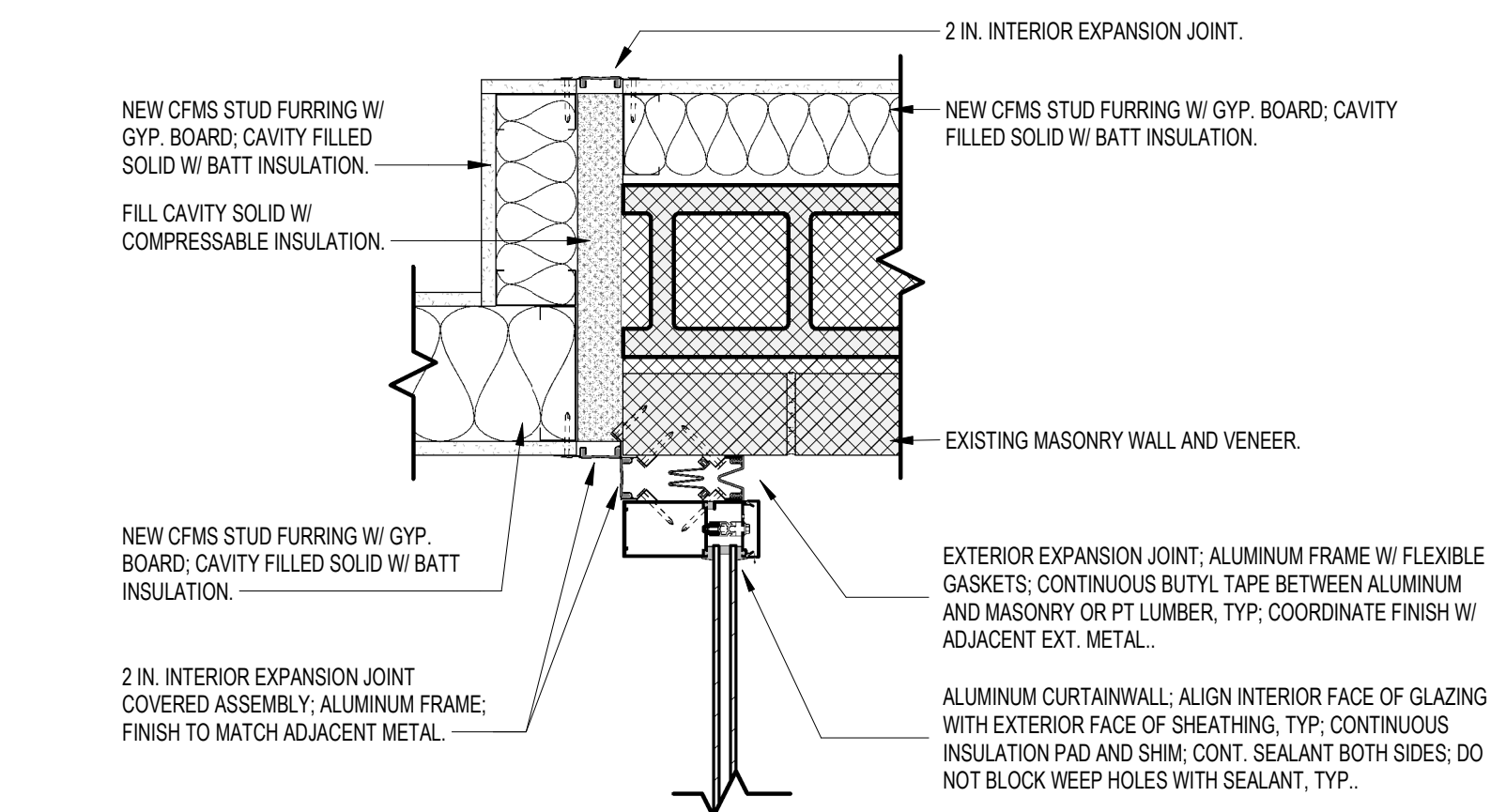
5 E.J. DETAIL (CFMS STUD W/ BRICK VENEER)

A1.11A 1 1/2" = 1'-0"



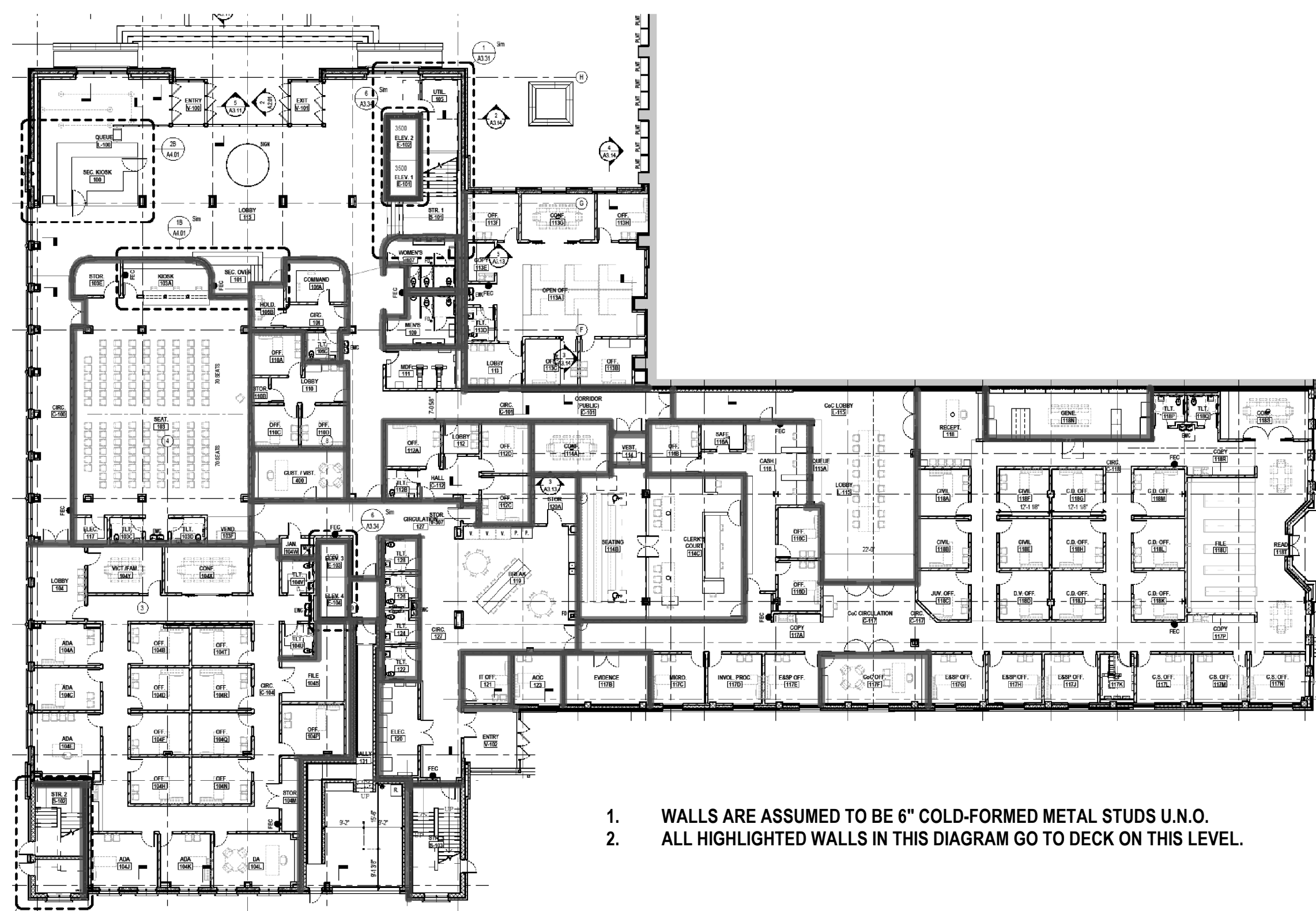
4 E.J. DETAIL (CW JAMB AT CMU/BRICK)

A1.11A 1 1/2" = 1'-0"



3 PLAN DTL - X528 2 HOUR COL. FURR

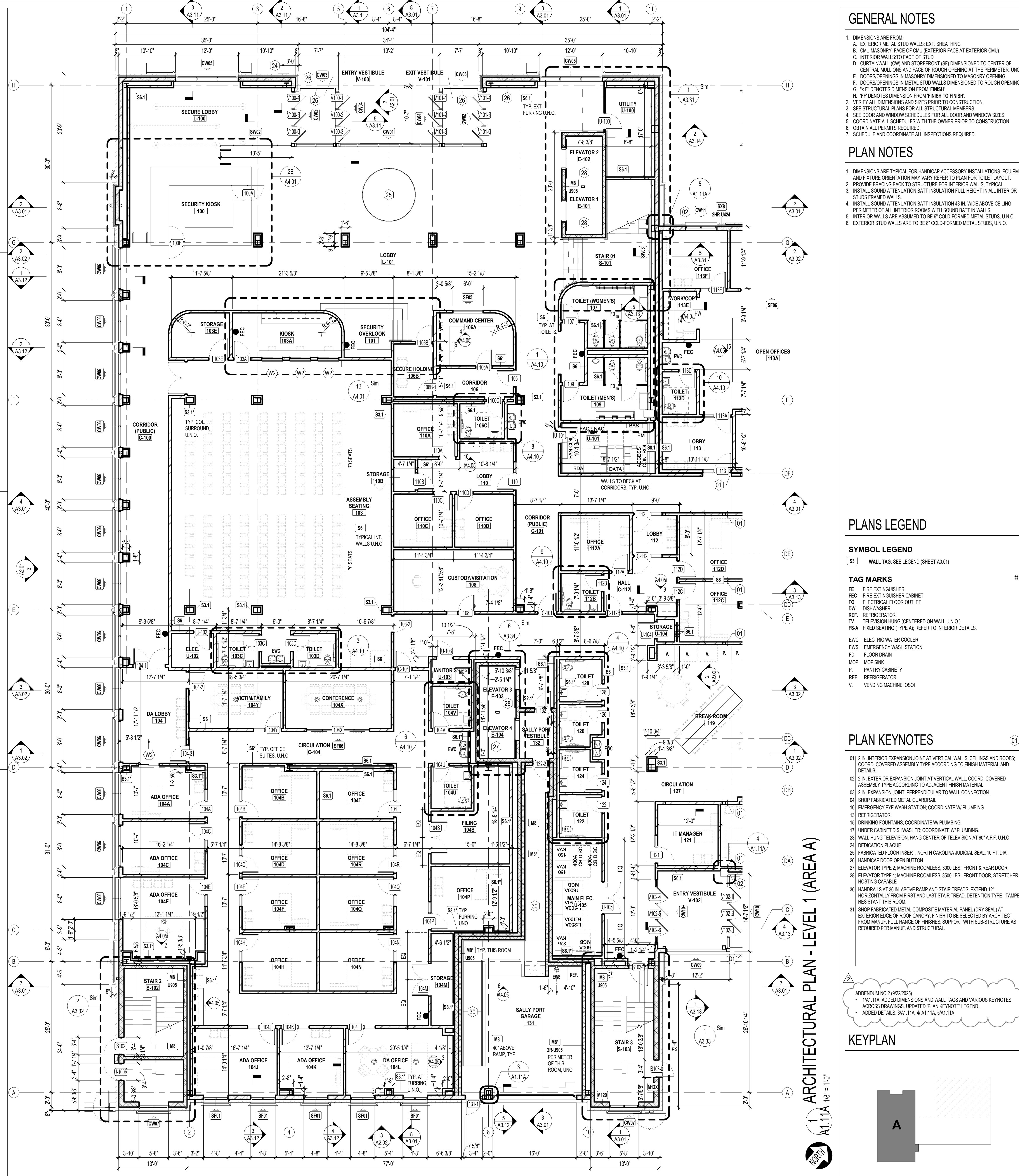
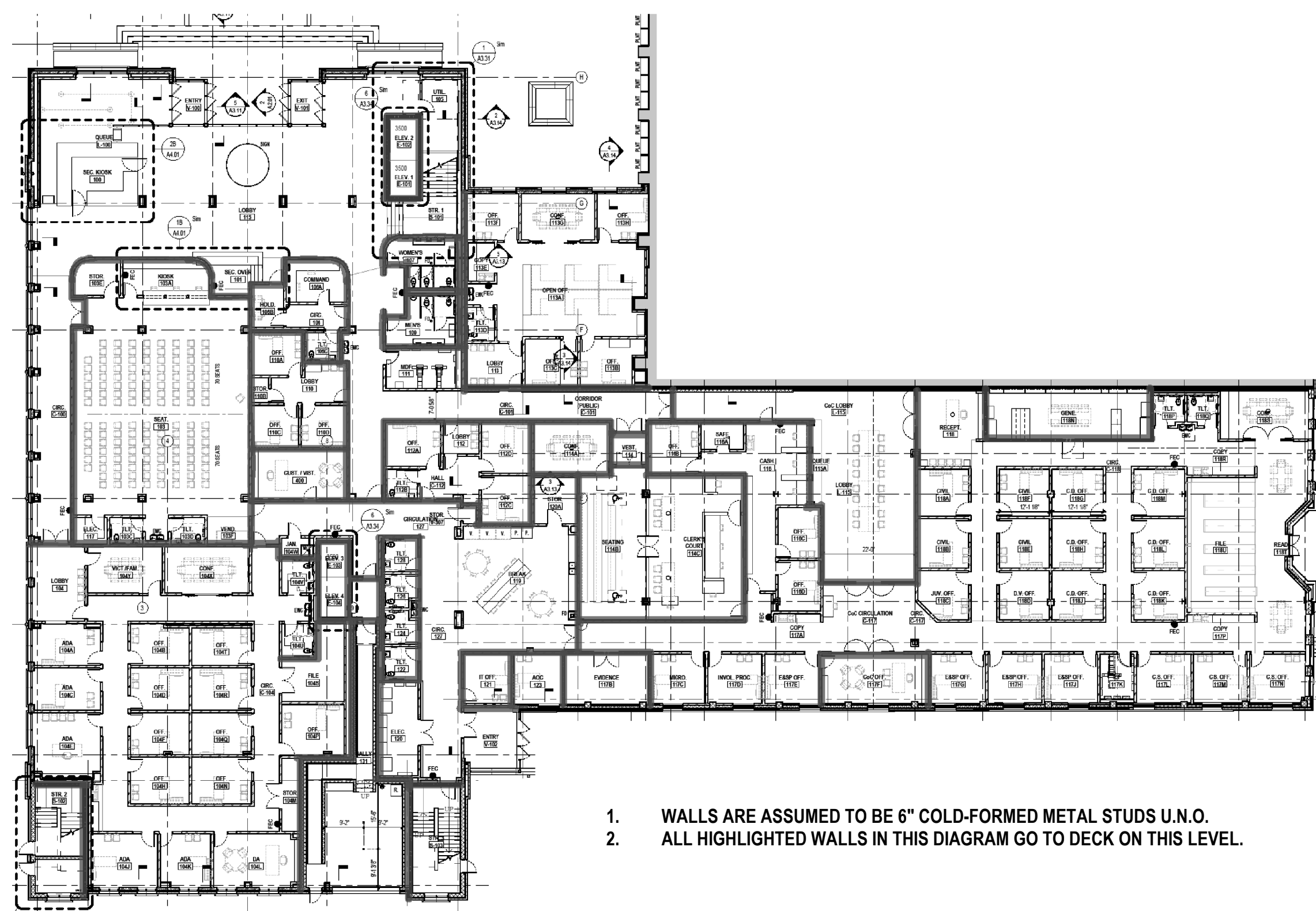
A1.11A 1 1/2" = 1'-0"



1. WALLS ARE ASSUMED TO BE 6" COLD-FORMED METAL STUDS U.N.O.
2. ALL HIGHLIGHTED WALLS IN THIS DIAGRAM GO TO DECK ON THIS LEVEL.

2 PLAN - WALLS TO DECK LEVEL 01

A1.11A N.T.S.



GENERAL NOTES

1. DIMENSIONS ARE FROM:
 - A. EXTERIOR METAL STUD WALLS: EXT. SHEATHING
 - B. CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
 - C. INTERIOR WALLS TO FACE OF STUD
 - D. CURTAINWALL (CW) AND STONEFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, U.N.O.
 - E. DOOR/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
 - F. DOOR/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING
 - G. "X" F DENOTES DIMENSION FROM FINISH
 - H. "FF" DENOTES DIMENSION FROM FINISH TO FINISH
2. VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
3. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
4. SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
5. COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
6. OBTAIN ALL PERMITS REQUIRED.
7. SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

PLAN NOTES

1. DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS: EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
2. PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS. TYPICAL.
3. INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS.
4. INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS.
5. INTERIOR WALLS ARE ASSUMED TO BE 6" COLD-FORMED METAL STUDS, U.N.O.
6. EXTERIOR STUD WALLS ARE TO BE 6" COLD-FORMED METAL STUDS, U.N.O.

PLANS LEGEND

SYMBOL LEGEND

S3 WALL TAG; SEE LEGEND (SHEET A0.01)

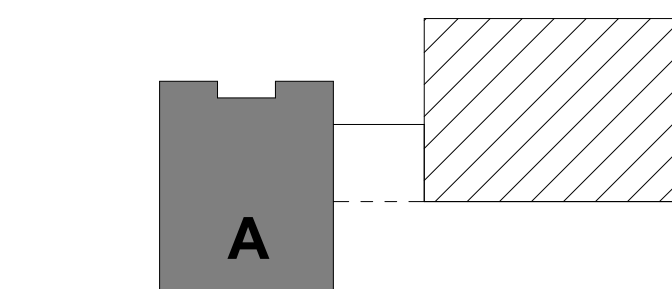
TAG MARKS

- FE FIRE EXTINGUISHER
- FEC FIRE EXTINGUISHER CABINET
- FO ELECTRICAL FLOOR OUTLET
- DW DISHWASHER
- REF. REFRIGERATOR
- TV TELEVISION HUNG (CENTERED ON WALL U.N.O.)
- FS-A FIXED SEATING (TYPE A); REFER TO INTERIOR DETAILS.
- EWC ELECTRIC WATER COOLER
- EWS EMERGENCY WASH STATION
- FD FLOOR DRAIN
- MOP MOP SINK
- P PANTRY CABINETS
- REF. REFRIGERATOR
- V VENDING MACHINE; CSOI

PLAN KEYNOTES

- 01 2 IN. INTERIOR EXPANSION JOINT AT VERTICAL WALLS, CEILINGS AND ROOFS; COORD. COVERED ASSEMBLY TYPE ACCORDING TO FINISH MATERIAL AND DETAILS.
- 02 2 IN. EXTERIOR EXPANSION JOINT AT VERTICAL WALL; COORD. COVERED ASSEMBLY TYPE ACCORDING TO ADJACENT FINISH MATERIAL.
- 03 2 IN. EXPANSION JOINT: PERPENDICULAR TO WALL CONNECTION.
- 04 SHOP FABRICATED METAL GUARDRAIL.
- 10 EMERGENCY EYE WASH STATION; COORDINATE W/ PLUMBING.
- 13 REFRIGERATOR.
- 15 DRINKING FOUNTAINS; COORDINATE W/ PLUMBING.
- 17 UNDER CABINET DISHWASHER; COORDINATE W/ PLUMBING.
- 23 WALL HUNG TELEVISION; HANG CENTER OF TELEVISION AT 60" A.F.F. U.N.O.
- 24 DEDICATION PLAQUE.
- 25 FABRICATED FLOOR INSERT; NORTH CAROLINA JUDICIAL SEAL; 10 FT. DIA.
- 26 HANDICAP DOOR OPEN BUTTON.
- 27 ELEVATOR TYPE 2; MACHINE ROOMLESS, 3000 LBS. FRONT & REAR DOOR.
- 28 ELEVATOR TYPE 1; MACHINE ROOMLESS, 3000 LBS. FRONT DOOR, STRETCHER HOSTING CAPABLE.
- 30 HANDRAILS AT 36 IN. ABOVE RAMP AND STAIR TREADS; EXTEND 12" HORIZONTALLY FROM FIRST AND LAST STAIR TREAD; DETENTION TYPE - TAMPER RESISTANT THIS ROOM.
- 31 SHOP FABRICATED METAL COMPOSITE MATERIAL PANEL (DRY SEAL) AT EXTERIOR EDGE OF ROOF CANOPY; FINISH TO BE SELECTED BY ARCHITECT FROM MANUF. FULL RANGE OF FINISHES; SUPPORT WITH SUB-STRUCTURE AS REQUIRED PER MANUF. AND STRUCTURAL.

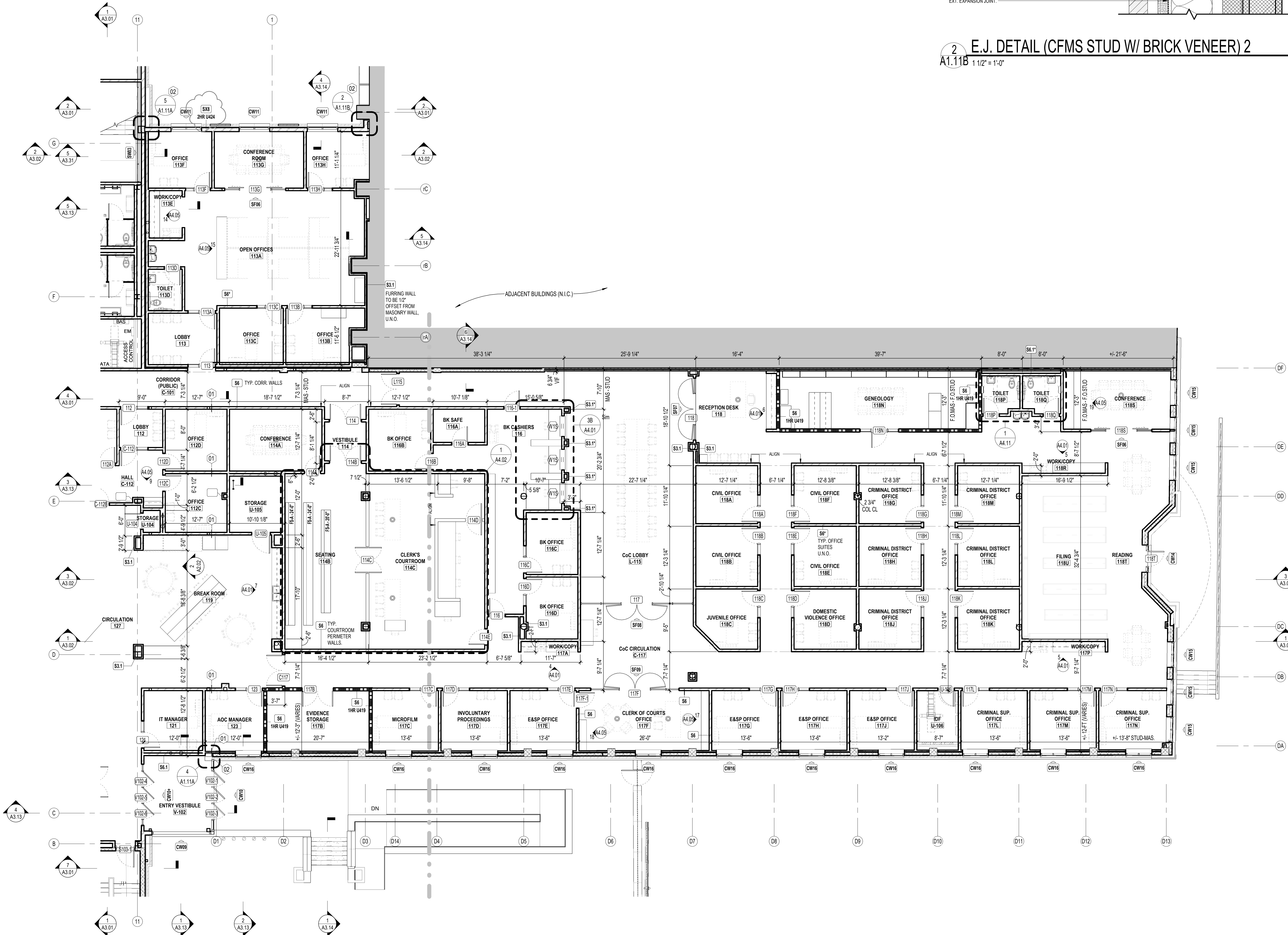
KEYPLAN

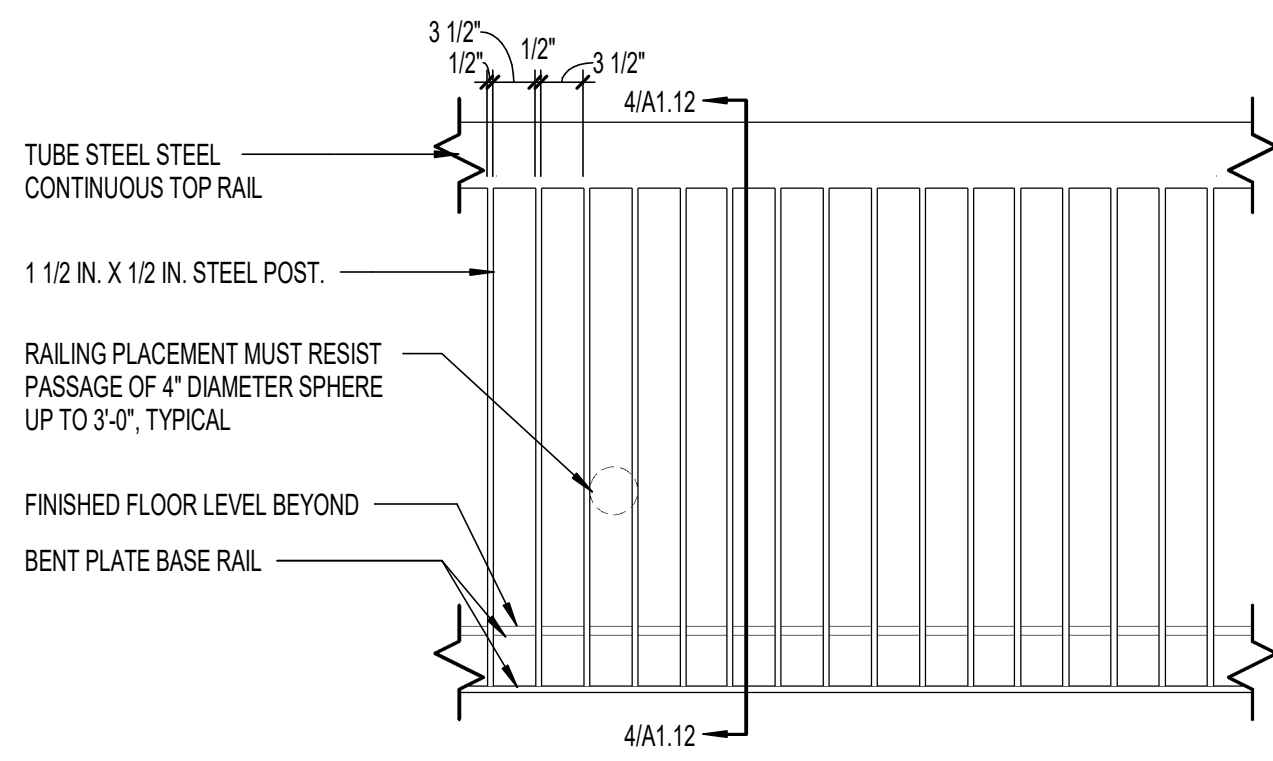




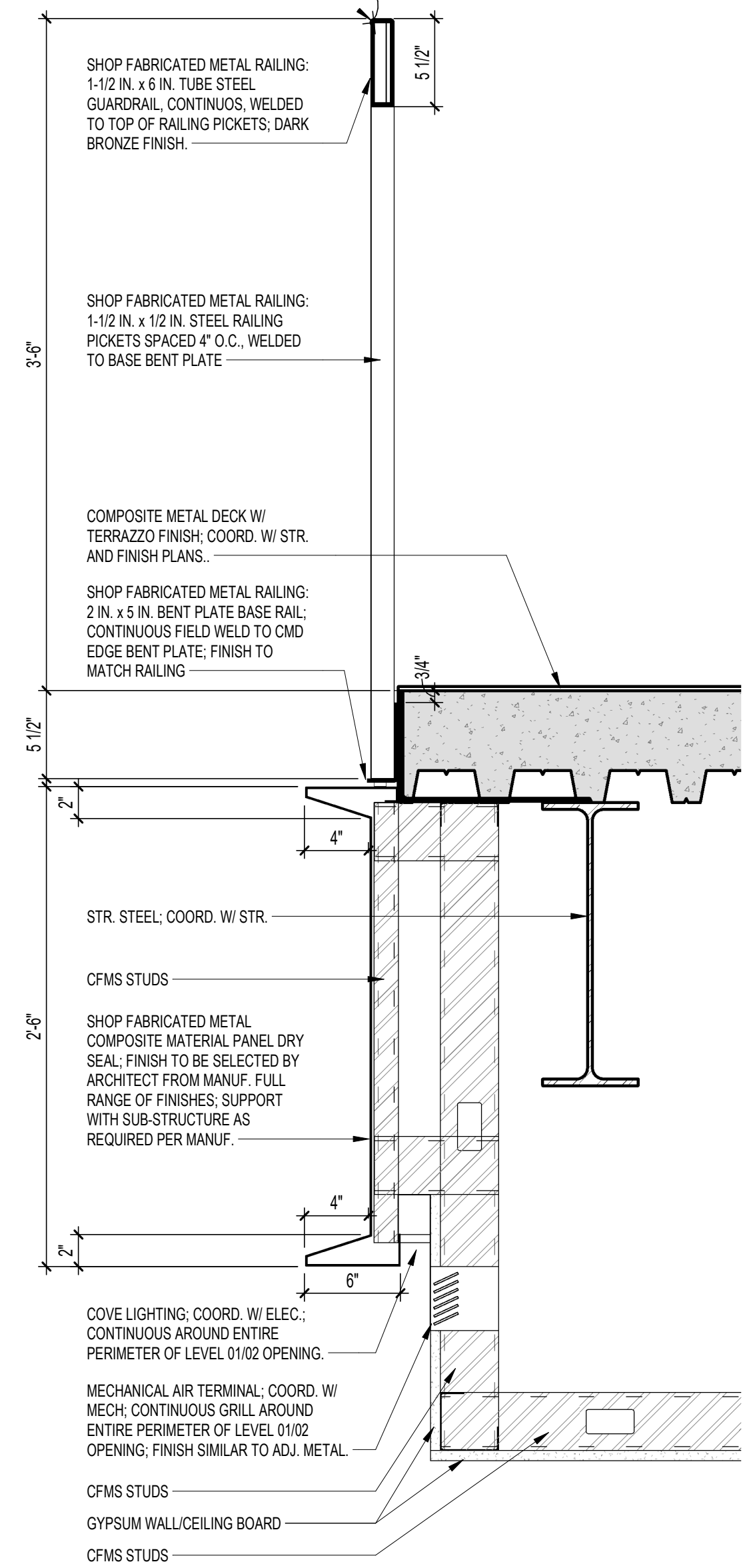
ARCHITECTURAL PLAN - LEVEL 1 (AREA B)

A1.11B 1/8" = 1'-0"

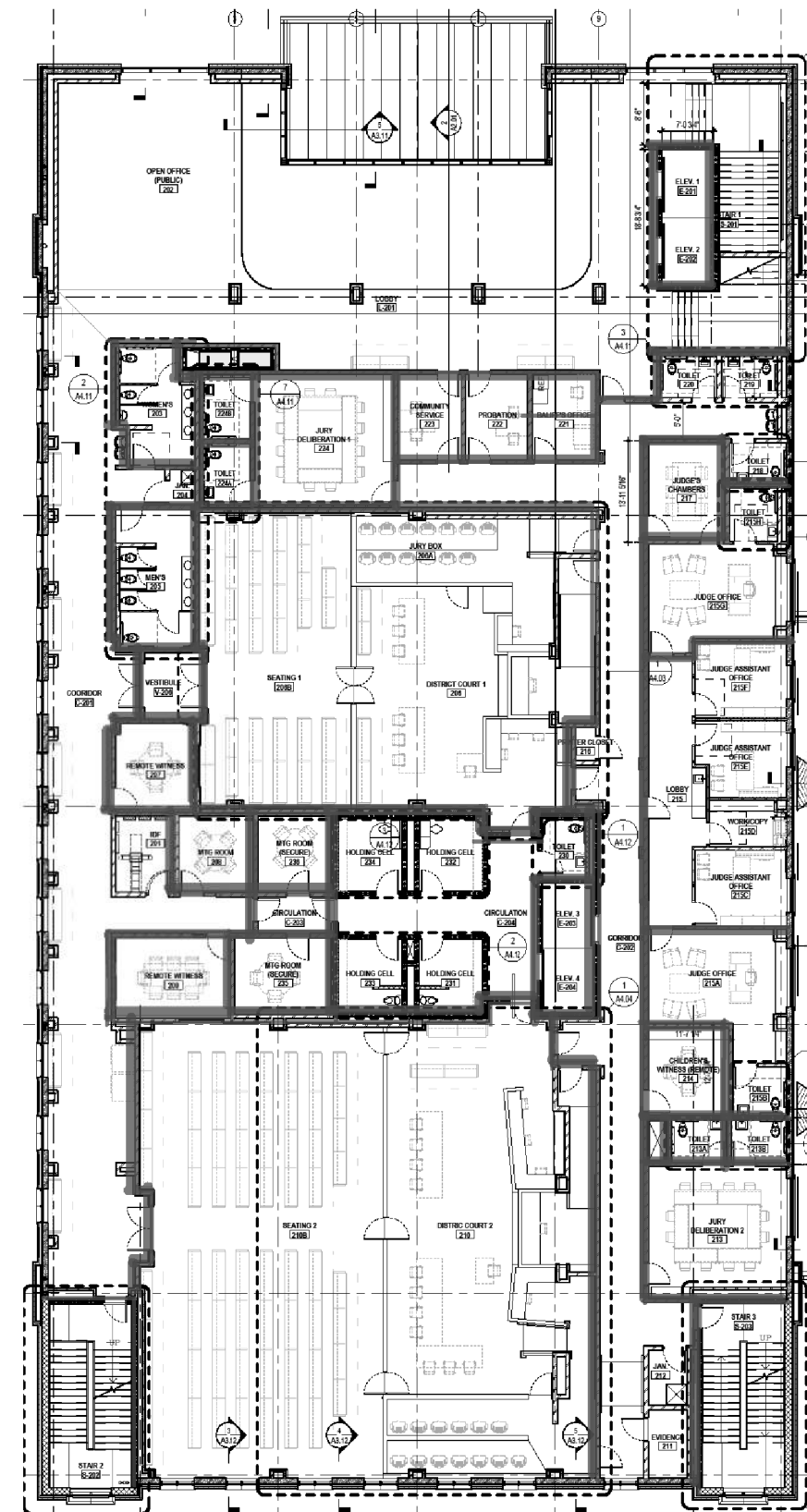




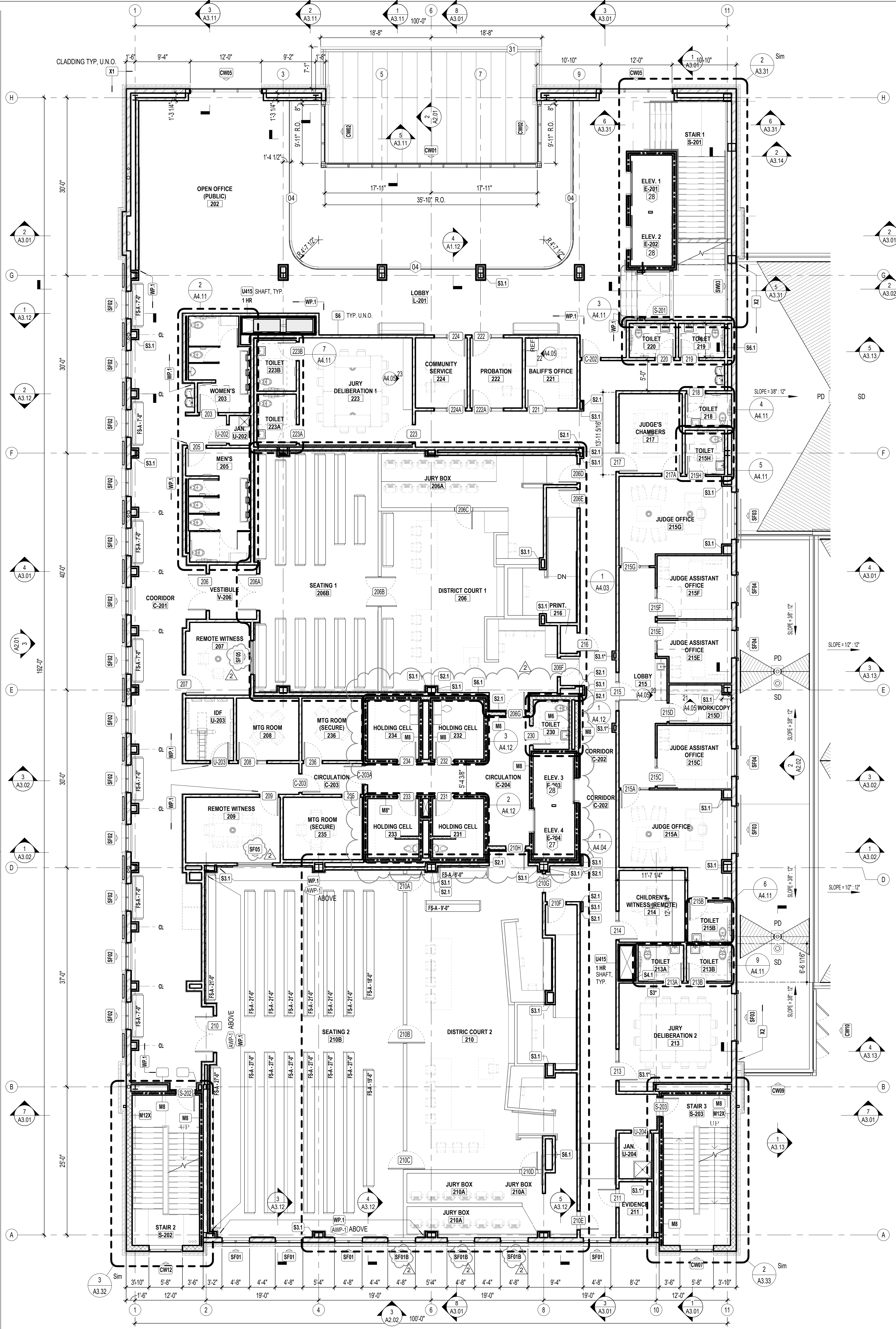
3 GUARDRAIL ELEVATION ELEVATION
A1.12 3/4" = 1'-0"



4 DETAIL - GUARDRAIL AT LOBBY
A1.12 1 1/2" = 1'-0"



2 PLAN - WALLS TO DECK LEVEL 02
A1.12 12" = 1'-0"



GENERAL NOTES

- DIMENSIONS ARE FROM:
A. EXTERIOR METAL STUD WALLS: EXT. SHEATHING
B. CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
C. INTERIOR WALLS TO FACE OF STUD
D. CURTAINWALL (CW) AND STONEWORK (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, U.N.O.
E. DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
F. DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING
G. "F" DENOTES DIMENSION FROM FINISH
H. "FF" DENOTES DIMENSION FROM FINISH TO FINISH
I. VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION
J. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS
K. SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES
L. COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION
M. OBTAIN ALL PERMITS REQUIRED
N. SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED

PLAN NOTES

- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS: EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS. TYPICAL.
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS
- INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS
- INTERIOR WALLS ARE ASSUMED TO BE 6" COLD-FORMED METAL STUDS, U.N.O.
- EXTERIOR STUD WALLS ARE TO BE 8" COLD-FORMED METAL STUDS, U.N.O.

PLANS LEGEND

SYMBOL LEGEND

- S3 WALL TAG; SEE LEGEND (SHEET A0.01)

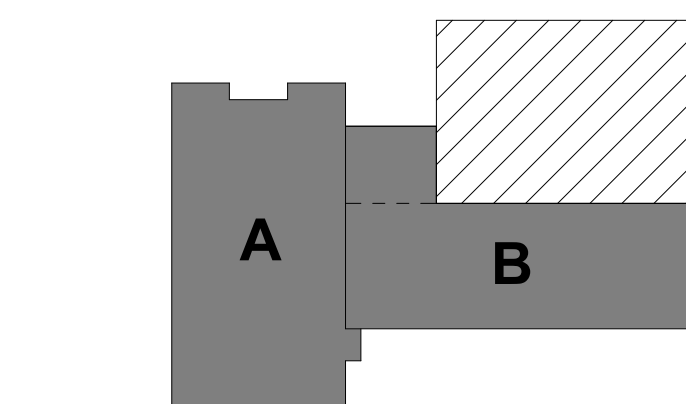
TAG MARKS

- FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FO ELECTRICAL FLOOR OUTLET
DW DISHWASHER
REF REFRIGERATOR
TV TELEVISION HUNG (CENTERED ON WALL U.N.O.)
FS-A FIXED SEATING (TYPE A); REFER TO INTERIOR DETAILS

PLAN KEYNOTES

- 2 IN. INTERIOR EXPANSION JOINT AT VERTICAL WALLS, CEILINGS AND ROOFS. COORD. COVERED ASSEMBLY TYPE ACCORDING TO FINISH MATERIAL AND DETAILS
- 2 IN. EXTERIOR EXPANSION JOINT AT VERTICAL WALL: COORD. COVERED ASSEMBLY TYPE ACCORDING TO ADJACENT FINISH MATERIAL
- 2 IN. EXPANSION JOINT: PERPENDICULAR TO WALL CONNECTION
- SHOP FABRICATED METAL GUARDRAIL
- EMERGENCY EYE WASH STATION; COORDINATE W/ PLUMBING
- REFRIGERATOR
- DRINKING FOUNTAINS; COORDINATE W/ PLUMBING
- UNDER CABINET DISHWASHER; COORDINATE W/ PLUMBING
- WALL HANG TELEVISION; HANG CENTER OF TELEVISION AT 60" A.F.F. U.N.O.
- DEDICATION PLAQUE
- FABRICATED FLOOR INSERT; NORTH CAROLINA JUDICIAL SEAL; 10 FT. DIA.
- HANDICAP DOOR OPEN BUTTON
- ELEVATOR TYPE 2; MACHINE ROOMLESS; 3000 LBS. FRONT & REAR DOOR
- ELEVATOR TYPE 1; MACHINE ROOMLESS; 3000 LBS. FRONT DOOR; STRETCHER HOSTING CAPABLE
- HANDRAILS AT 36 IN. ABOVE RAMP AND STAIR TREADS; EXTEND 12" HORIZONTALLY FROM FIRST AND LAST STAIR TREAD; DETENTION TYPE - TAMPER RESISTANT THIS ROOM
- SHOP FABRICATED METAL COMPOSITE MATERIAL PANEL (DRY SEAL) AT EXTERIOR EDGE OF ROOF CANOPY; FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF FINISHES; SUPPORT WITH SUB-STRUCTURE AS REQUIRED PER MANUFACTURER AND STRUCTURAL

KEYPLAN



1 ARCHITECTURAL PLAN - LEVEL 2
A1.12 1/8" = 1'-0"

FRANKLIN JUDICIAL CENTER

FRANKLIN COUNTY

W. NASH ST.

LOUISBURG, NC 27549

OAKLEY COLLIER ARCHITECTS
OCA ARCHITECTS

109 Candlewood Road, Rocky Mount, NC 27804 (P) 252.937.2200
203 W. Main Street, Raleigh, NC 27601



GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all dimensions.

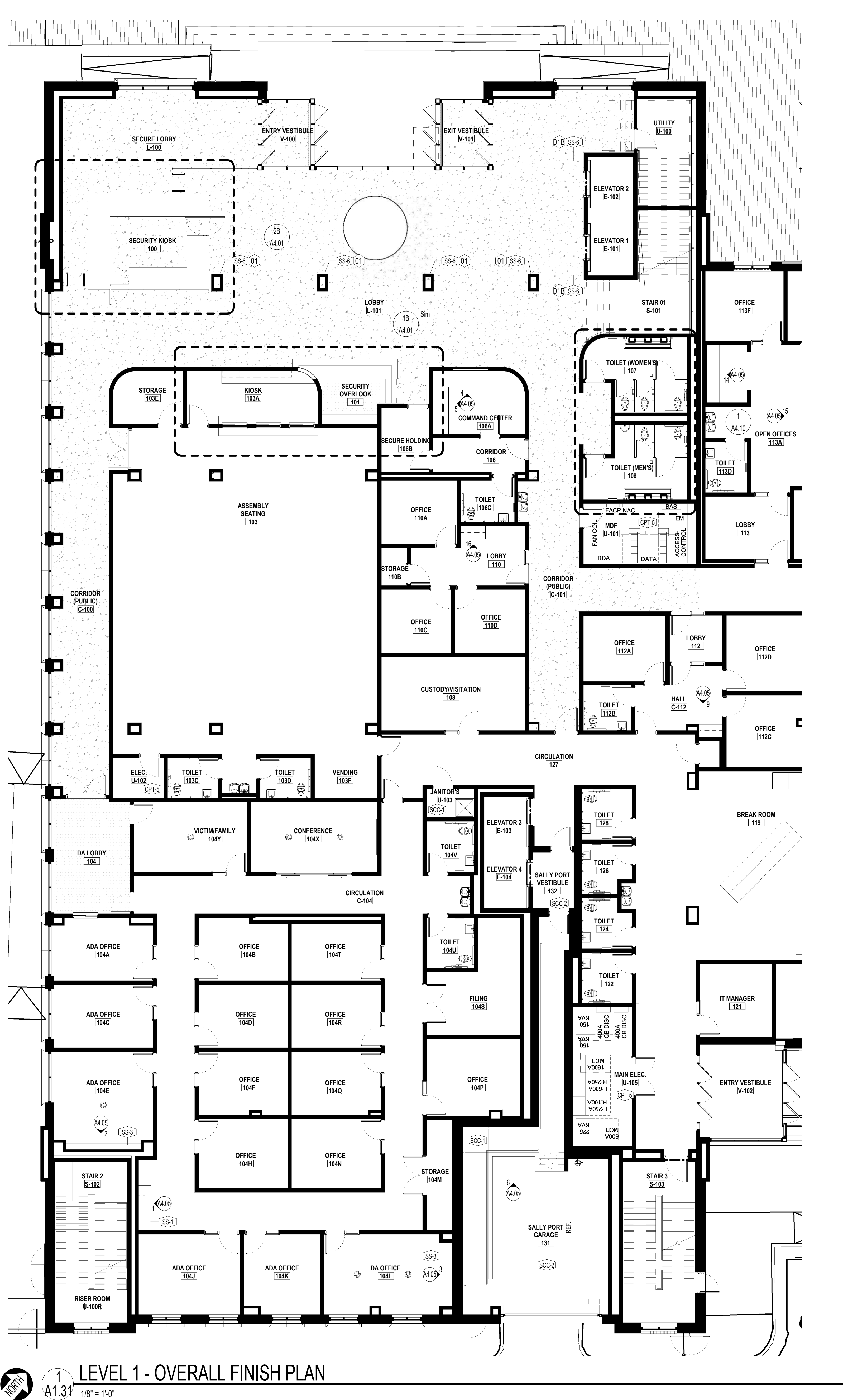
Revisions	Description	Date
2	BID SET - A01 2	9/22/2025

Date	Project No.
09/02/25	21054
Drawn By	Sheet No.
JFK	A1.12
Checked By	Sheet Title
AWC	PLAN - LEVEL 2

ROOM FINISH SCHEDULE - LEVEL 1					
ROOM NO	ROOM NAME	Finish Category	CEILING	SIGNAGE	NOTES
100	SECURITY KIOSK	PUBLIC LVL 1			
101	SECURITY OVERLOOK	PUBLIC LVL 1			
103	ASSEMBLY SEATING	OFFICE LVL 1	ACT-1		
103A	KIOSK	OFFICE LVL 1	ACT-1		
103C	TOILET	TOILET LVL 2	ACT-2		
103D	TOILET	TOILET LVL 2	ACT-2		
103E	STORAGE	OFFICE LVL 1	ACT-1		
103F	VENDING	OFFICE LVL 1	GCB-1		
104	DA LOBBY	OFFICE LVL 2	ACT-1		
104A	ADA OFFICE	OFFICE LVL 2	ACT-1		
104B	OFFICE	OFFICE LVL 2	ACT-1		
104C	ADA OFFICE	OFFICE LVL 2	ACT-1		
104D	OFFICE	OFFICE LVL 2	ACT-1		
104E	ADA OFFICE	OFFICE LVL 1	ACT-1		
104F	OFFICE	OFFICE LVL 2	ACT-1		
104J	ADA OFFICE	OFFICE LVL 2	ACT-1		
104K	ADA OFFICE	OFFICE LVL 2	ACT-1		
104L	DA OFFICE	OFFICE LVL 1	ACT-1		
104M	STORAGE	BACK OF HOUSE	ACT-1		
104N	OFFICE	OFFICE LVL 2	ACT-1		
104P	OFFICE	OFFICE LVL 2	ACT-1		
104Q	OFFICE	OFFICE LVL 2	ACT-1		
104R	OFFICE	OFFICE LVL 2	ACT-1		
104S	FILE	OFFICE LVL 2	ACT-1		
104T	OFFICE	OFFICE LVL 2	ACT-1		
104U	TOILET	TOILET LVL 2	ACT-2		
104V	TOILET	TOILET LVL 2	ACT-2		
104X	CONFERENCE	OFFICE LVL 1	ACT-1		
104Y	VICTIM/FAMILY	OFFICE LVL 2	ACT-1		
106	CORRIDOR	OFFICE LVL 2	ACT-1		
106A	COMMAND CENTER	OFFICE LVL 2	ACT-1		
106B	SECURE HOLDING	OFFICE LVL 2	ACT-1		
106C	TOILET	TOILET LVL 2	ACT-2		
107	TOILET (WOMEN'S)	TOILET LVL 1	GCB-2		
108	CUSTODY/VISITATION	OFFICE LVL 2	ACT-1		
109	TOILET (MEN'S)	TOILET LVL 1	GCB-2		
110	LOBBY	OFFICE LVL 2	ACT-1		
110A	OFFICE	OFFICE LVL 2	ACT-1		
110B	STORAGE	BACK OF HOUSE	ACT-1		
110C	OFFICE	OFFICE LVL 2	ACT-1		
110D	OFFICE	OFFICE LVL 2	ACT-1		
112	LOBBY	OFFICE LVL 1	GCB-1		
112A	OFFICE	OFFICE LVL 1	ACT-1		
112B	TOILET	TOILET LVL 2	GCB-2		
112C	OFFICE	OFFICE LVL 2	ACT-1		
112D	OFFICE	OFFICE LVL 2	ACT-1		
113	LOBBY	OFFICE LVL 1	ACT-1		
113A	OPEN OFFICES	OFFICE LVL 2	ACT-1		
113B	OFFICE	OFFICE LVL 2	ACT-1		
113C	OFFICE	OFFICE LVL 2	ACT-1		
113D	TOILET	TOILET LVL 2	ACT-2		
113E	WORKCOP	OFFICE LVL 1	ACT-1		
113F	OFFICE	OFFICE LVL 2	ACT-1		
113G	CONFERENCE ROOM	OFFICE LVL 2	ACT-1		
113H	OFFICE	OFFICE LVL 2	ACT-1		
114	VESTIBULE	PUBLIC LVL 1	GCB-1		
114A	CONFERENCE	OFFICE LVL 1	ACT-1		
114B	SEATING	SMALL COURTROOM	GCB-1		
114C	CLERK'S COURTROOM	SMALL COURTROOM	GCB-1		
115A	QUELUNG	PUBLIC LVL 1	GCB-1		
116	BK CASHIERS	OFFICE LVL 2	ACT-1		
116A	BK SAFE	OFFICE LVL 2	ACT-1		
116B	BK OFFICE	OFFICE LVL 2	ACT-1		
116C	BK OFFICE	OFFICE LVL 2	ACT-1		
116D	BK OFFICE	OFFICE LVL 2	ACT-1		
117A	WORKCOP	PUBLIC LVL 1	GCB-1		
117B	EVIDENCE STORAGE	BACK OF HOUSE	ACT-1		
117C	MICROFILM	OFFICE LVL 2	ACT-1		
117D	INVOLUNTARY PROCEEDINGS	OFFICE LVL 2	ACT-1		
117E	EASP OFFICE	OFFICE LVL 2	ACT-1		
117F	CLERK OF COURTS OFFICE	OFFICE LVL 1	ACT-1		
117G	EASP OFFICE	OFFICE LVL 2	ACT-1		
117H	EASP OFFICE	OFFICE LVL 2	ACT-1		
117J	EASP OFFICE	OFFICE LVL 2	ACT-1		
117L	CRIMINAL SUP OFFICE	OFFICE LVL 2	ACT-1		
117M	CRIMINAL SUP OFFICE	OFFICE LVL 2	ACT-1		
117N	CRIMINAL SUP OFFICE	OFFICE LVL 2	ACT-1		
117P	WORKCOP	PUBLIC LVL 2	GCB-1		
118	RECEPTION DESK	PUBLIC LVL 2	ACT-1		
118A	CIVIL OFFICE	OFFICE LVL 2	ACT-1		
118B	CIVIL OFFICE	OFFICE LVL 2	ACT-1		
118C	JUVENILE OFFICE	OFFICE LVL 2	ACT-1		
118D	DOMESTIC VIOLENCE OFFICE	OFFICE LVL 2	ACT-1		
118E	CIVIL OFFICE	OFFICE LVL 2	ACT-1		
118F	CIVIL OFFICE	OFFICE LVL 2	ACT-1		
118G	CRIMINAL DISTRICT OFFICE	OFFICE LVL 2	ACT-1		
118H	CRIMINAL DISTRICT OFFICE	OFFICE LVL 2	ACT-1		
118J	CRIMINAL DISTRICT OFFICE	OFFICE LVL 2	ACT-1		
118K	CRIMINAL DISTRICT OFFICE	OFFICE LVL 2	ACT-1		
118L	CRIMINAL DISTRICT OFFICE	OFFICE LVL 2	ACT-1		
118M	CRIMINAL DISTRICT OFFICE	OFFICE LVL 2	ACT-1		
118N	GENEOLOGY	OFFICE LVL 2	ACT-1		
118P	TOILET	TOILET LVL 2	ACT-2		
118Q	TOILET	TOILET LVL 2	ACT-2		
118R	WORKCOP	PUBLIC LVL 2	GCB-1		
118S	CONFERENCE	PUBLIC LVL 2	ACT-1		
118T	READING	PUBLIC LVL 2	ACT-1		
118U	FILE	PUBLIC LVL 2	ACT-1		
119	BREAK ROOM	PUBLIC LVL 1	ACT-1		
121	IT MANAGER	OFFICE LVL 2	ACT-1		
122	TOILET	TOILET LVL 2	ACT-2		
123	AOC MANAGER	OFFICE LVL 2	ACT-1		
124	TOILET	TOILET LVL 2	ACT-2		
126	TOILET	TOILET LVL 2	ACT-2		
127	CIRCULATION	PUBLIC LVL 1	ACT-1		
128	TOILET	TOILET LVL 2	ACT-2		
131	SALLY PORT GARAGE	CELL			
132	SALLY PORT VESTIBULE	CELL	GCB-1		
314	WORKCOP				
C-100	CORRIDOR (PUBLIC)	PUBLIC LVL 1	ACT-1		
C-101	CORRIDOR (PUBLIC)	PUBLIC LVL 1	ACT-1		
C-104	CIRCULATION	PUBLIC LVL 2	ACT-1		
C-112	HALL	OFFICE LVL 1	ACT-1		
C-117	C&C CIRCULATION	PUBLIC LVL 2	ACT-1		
C-118	C&C CIRCULATION	PUBLIC LVL 2	ACT-1		
E-101	ELEVATOR 1				
E-102	ELEVATOR 2				
E-103	ELEVATOR 3				
E-104	ELEVATOR 4				
L-100	SECURE LOBBY	PUBLIC LVL 1	GCB-1		
L-101	LOBBY	PUBLIC LVL 1	GCB-1		
L-115	C&C LOBBY	PUBLIC LVL 1	ACT-1		
S-101	STAIR 01	PUBLIC LVL 1			
S-102	STAIR 2				
S-103	STAIR 3				
U-100	UTILITY	BACK OF HOUSE			
U-10R	RISER ROOM	BACK OF HOUSE			
U-10R	MDP	BACK OF HOUSE	ACT-1		
U-102	ELEC.	BACK OF HOUSE	ACT-2		
U-103	JANITORS	BACK OF HOUSE	ACT-2		
U-104	STORAGE	BACK OF HOUSE	ACT-1		
U-105	MAIN ELEC.	BACK OF HOUSE	ACT-1		
U-105	STORAGE	BACK OF HOUSE	ACT-1		
U-106	IDF	BACK OF HOUSE	ACT-1		
V-100	ENTRY VESTIBULE	PUBLIC LVL 1	GCB-1		
V-101	EXT VESTIBULE	PUBLIC LVL 1	GCB-1		
V-102	ENTRY VESTIBULE	PUBLIC LVL 1	GCB-1		

FINISH CATEGORY SCHEDULE					
Finish Category	Wall Finish	TRIM	Floor Finish	BASE	NOTES
BACK OF HOUSE	PNT-4	PNT-4T	CPT-5 / SCC-1 *	WBR-4	
CELL	PNT-4	PNT-4T	SCC-1 / SCC-2 *	WBR-4	
JUDGES SUITE	PNT-6	PNT-6T	CPT-6	WBR-1	
LARGE COURTROOM	PNT-3 / PNT-12 *	PNT-3T	CPT-1 / CPT-2 *	WBR-1	
OFFICE LVL 1	PNT-6	PNT-6T	CPT-6	WBR-1	
OFFICE LVL 2	PNT-7	PNT-7T	CPT-7	WBR-2	
PUBLIC LVL 1	PNT-1	PNT-1T	TRZ-1	WBR-1	
PUBLIC LVL 2	PNT-2	PNT-2T	CPT-6	WBR-3	
SMALL COURTROOM	PNT-3 / PNT-13 *	PNT-3T	CPT-3 / CPT-4 *	WBR-1	
TOILET LVL 1	WT-1 / WT-2 / PNT-8 *	PNT-8T	FT-1	N/A	
TOILET LVL 2	WT-3 / WT-4 / PNT-9 *	PNT-9T	FT-2	N/A	

FINISHES WITH * INDICATE VARIABLE TYPES OF FINISHES PER FINISH CATEGORY. REFER TO PLANS AND ELEVATIONS FOR SPECIFIC FINISHES AT EACH ROOM LOCATION.



1
A1.31
1/8" = 1'-0"

GENERAL NOTES

- DIMENSIONS ARE FROM:
 - EXTERIOR METAL STUD WALLS EXT. SHEATHING
 - CMU MASONRY FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
 - INTERIOR WALLS TO FACE OF STUD
 - CURTAIN WALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER UNO.
 - DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING.
 - DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING.
 - * F DIMENITES DIMENSION FROM FINISH.
 - H, F* DIMOTES DIMENSION FROM FINISH TO FINISH.
- VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
- COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
- OBTAIN ALL PERMITS REQUIRED.
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

FINISH PLAN NOTES

- ALL EXISTING HM DOOR AND WINDOW FRAMES TO RECEIVE NEW PAINT, COLOR PER ARCHITECT.
- ALL EXISTING COVER PLATES FOR DEVICES TO BE REPLACED WITH ALL NEW SS COVER PLATES.
- SEE INTERIOR ELEVATIONS FOR FULL EXTENT OF WALL FINISHES AS KEYED IN PLANS.
- VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION OF FINISHES.
- TS = FURNISH AND INSTALL TRANSITION STRIP AT ALL FLOOR MATERIAL CHANGES AS SHOWN OR AS REQUIRED.
- HEIGHT AND PROFILE OF ALL TRANSITIONS STRIPS SHALL COMPLY WITH HANDICAP CODE.
- COLOR FOR ALL TRANSITION STRIPS SHALL BE AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- COORDINATE LOCATION OF ALL TRANSITION STRIPS WITH EXISTING AND NEW CONDITIONS, WHERE POSSIBLE. LOCATE TRANSITION STRIPS UNDER DOOR SLABS NO EXPOSED SLAB PERMITTED IN FINISHED AREAS.
- COORDINATE SIZE OF ALL TRANSITION STRIPS WITH FINISH MATERIALS.

FINISH PLANS LEGEND

SYMBOL LEGEND

SP WALL TAG. SEE LEGEND (SHEET ##/###)

TAG MARKS

FE

FINISH ABBREVIATIONS

*COORDINATE SPECIFIC FINISH TYPE WITH INTERIOR FINISH SCHEDULE.

CEILING FINISHES:
ACT-# ACOUSTICAL CEILING TILE
GCB-# GYPSUM CEILING BOARD

WALL FINISHES:
PNT-# PAINT
PNT-#W PAINT/ EPOXY TYPE
WT-# WALL TILE

WALL BASE FINISHES:
WBR-# RUBBER WALL BASE
WBT-# TILE WALL BASE
WBT-# TERRAZZO WALL BASE
WBR-# WOOD WALL BASE

MISCELLANEOUS:
AWP-# ACOUSTICAL WALL PANELING
WDP-# WOOD PANEL TYPE

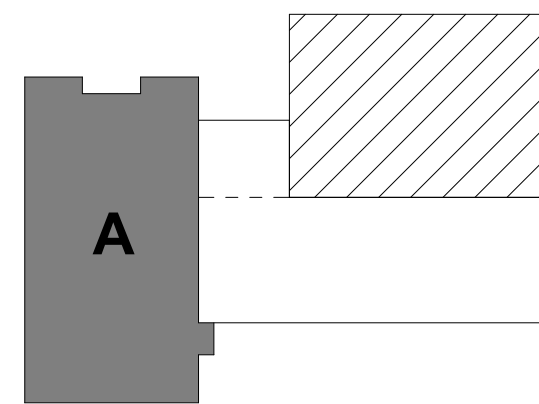
FLOOR FINISHES:
CPT-# CARPET
TRZ-# TERRAZZO
SCC-# SCALED CONCRETE

FINISH PLAN KEYNOTES

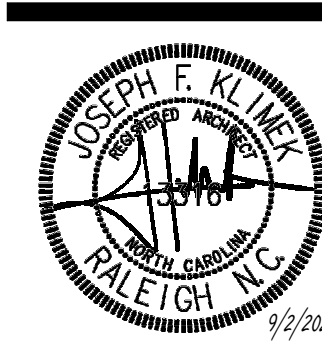
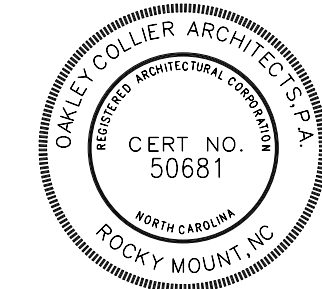
- SOLID SURFACE WALL CLADDING, DIRECTLY ADHERED TO WALL BACKER BOARD; FINISH FROM BACK TO 6 IN. ABOVE CEILING; FINISH APPLIED CONTINUOUSLY AROUND ENTIRE COLUMN PERIMETER.
- SMALLER NOTE: 01 EXCEPT AROUND ENTIRE PERIMETER OF ELEVATOR SHAFT
- WI AS VISIBLE FROM LOBBY OR STAIRWELL
- 42" HIGH BOOKSHELF SHELF - COUNTERTOP
- 34 INCH HIGH COUNTERTOP WITH BASE CABINETRY BELOW (PL-3 FINISH).
- PLACEHOLDER NOTE.
- PLACEHOLDER NOTE.

ADDENDUM NO.2:
VARIOUS MATERIAL TAGS AND ELEVATIONS

KEYPLAN



BID SET
FRANKLIN JUDICIAL CENTER
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549



9/2/2025

GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all dimensions.

Revisions	Description	Date
2	BID SET - AM 2	9/22/2025

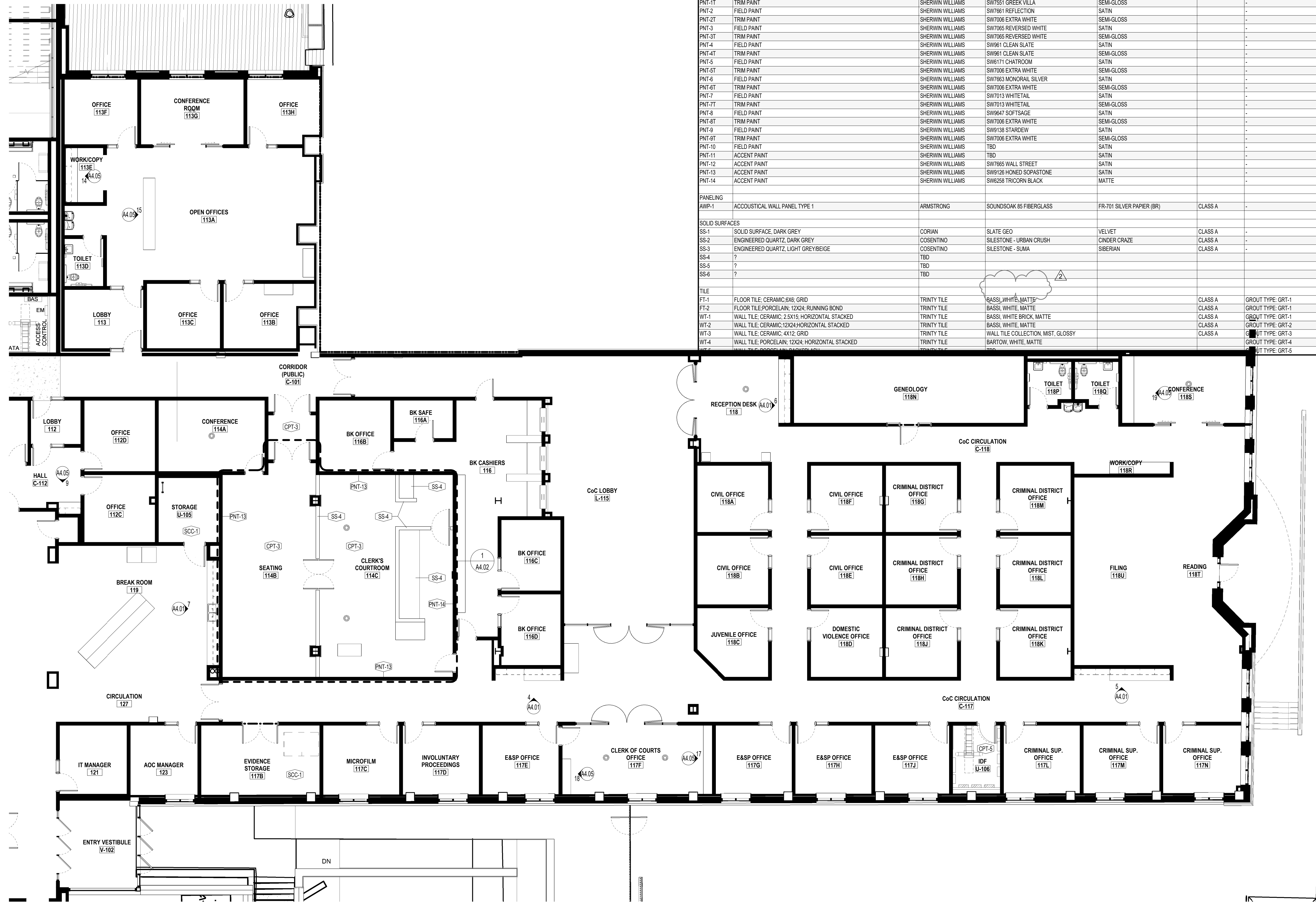
Date	Project No.
09/02/25	21054
Drawn By	Sheet No.
JFK	A1.31
Checked By	
AWC	
Sheet Title	
FINISH PLANS - LEVEL 01 (AREA A)	



A1.31C

LEVEL 1 - FINISH PLAN (AREA C)

1/8" = 1'-0"



FINISH CATEGORY SCHEDULE					
Finish Category	Wall Finish	TRIM	Floor Finish	BASE	NOTES
BACK OF HOUSE	PNT-4	PNT-4T	CPT-5 / SCC-1*	WBR-4	
CELL	PNT-4	PNT-4T	SCC-1 / SCC-2*	WBR-4	
JUDGE'S SUITE	PNT-5	PNT-5T	CPT-6	WBR-1	
LARGE COURTROOM	PNT-3 / PNT-12*	PNT-3T	CPT-1 / CPT-2*	WBR-1	
OFFICE LVL 1	PNT-7	PNT-7T	CPT-7	WBR-2	
PUBLIC LVL 1	PNT-1	PNT-1T	TR-2-1	WBR-1	
PUBLIC LVL 2	PNT-2	PNT-2T	CPT-8	WBR-3	
SMALL COURTROOM	PNT-3 / PNT-13*	PNT-3T	CPT-3 / CPT-4*	WBR-1	
TOILET LVL 1	WT-1 / WT-2 / PNT-8*	PNT-8T	FT-1	N/A	
TOILET LVL 2	WT-3 / WT-4 / PNT-9*	PNT-9T	FT-2	N/A	

FINISHES WITH * INDICATE VARIABLE TYPES OF FINISHES PER FINISH CATEGORY. REFER TO PLANS AND ELEVATIONS FOR SPECIFIC FINISHES AT EACH ROOM LOCATION.

FINISHES - INTERIOR						
MARK	DESCRIPTION	MANUFACTURER	MODEL	FINISH	CLASS	COMMENTS
CASEWORK CABINETRY						
PL-1	HIGH PRESSURE DECORATIVE LAMINATE	TBD				
PL-2	HIGH PRESSURE DECORATIVE LAMINATE	TBD				
PL-3	HIGH PRESSURE DECORATIVE LAMINATE	TBD				
CEILING						
ACT-1	ACOUSTIC CEILING TILE: 24" x 24"	ARMSTRONG	CALLA HIGH NRC	WHITE, REGULAR 15/16" PRELUDE XL GRD	CLASS A	
ACT-2	ACOUSTIC CEILING TILE: 24" x 24" MOISTURE RESISTANT	ARMSTRONG	CALLA		CLASS A	
ACT-4	ACOUSTIC CEILING TILE: 24" x 48"	ARMSTRONG	CALLA HIGH CAC	WHITE, REGULAR 9/16" SUPRAFINE GRD	CLASS A	
ACT-5	ACOUSTIC CEILING TILE: 24" x 60"	ARMSTRONG	CALLA HIGH CAC	WHITE, REGULAR 9/16" SUPRAFINE GRD	CLASS A	
ACT-6	ACOUSTIC CEILING TILE: 24" x 72"	ARMSTRONG	CALLA HIGH CAC	WHITE, REGULAR 9/16" SUPRAFINE GRD	CLASS A	
FLOORING						
CPT-1	CARPET TILE: 2x2: BRICK ASHLAR INSTALL	MOHAWK	SMART CASUAL GT351	989 CHARCOAL WASH		
CPT-2	CARPET TILE: 1X3: HERRINGBONE INSTALL	MOHAWK	DISTRESSED TWILL GT469	989 CHARCOAL		
CPT-3	CARPET TILE: 1X3: HAI FLAP INSTALL	MOHAWK	COLOR CANVAS GT484	929 CITYSCAPE		
CPT-4	CARPET TILE: 1X3: HERRINGBONE INSTALL	MOHAWK	DISTRESSED TWILL GT469	989 IRON		
CPT-5	CARPET TILE: 2X2: STATIC DISSIPATIVE: BRICK ASHLAR INSTALL	SHAW	DISCOVERY ECO - SD CARPET TILE	SHAKOILETON GREY		
CPT-6	CARPET TILE: 2x2: BRICK ASHLAR INSTALL	MOHAWK	MADE TO LAST GT350	938 ACID WASH		
CPT-7	CARPET TILE: 2x2: BRICK ASHLAR INSTALL	MOHAWK	MYCOLOOP GT355	954 CARBONNIER		
CPT-8	CARPET TILE: 2x2: BRICK ASHLAR INSTALL	MOHAWK	MYCOLOOP GT355	945 ANSEED FUNNEL		
CPT-9	CARPET TILE: 2x2: BRICK ASHLAR INSTALL	MOHAWK	MADE TO LAST GT350	938 SAND WASH		
SCC-1	SEALED CONCRETE	TBD				
SCC-2	SEALED CONCRETE, EPOXY TYPE	TBD				
TR-2-1	TERRAZZO	TBD	EPOXY 1 MARBLE AGGREGATES	DAC-CC-4		
METALS						
MTL-1	DARK BRONZE	TBD				
MTL-2	PAINTED STEEL	TBD				
MILLWORK						
WDP-1	HPL LAMINATE on 3/4" PLYWOOD PANEL BOARD	WILSONART	7099 FUSION MAPLE	60 MATTE	CLASS A	ALL EXPOSED EDGES TO BE Banded WITH SAME HPL AS FACE
WDP-2	WOOD SLAT WALL: 3/4" x 2-1/2"	ARMSTRONG	WOODWORK'S GRILLE: FORTÉ VENEERED, 3-SLAT PANELS	QUARTER SLICE WHITE MAPLE		ALL EXPOSED EDGES TO BE Banded WITH FINISH
WDS-1	SOLID HARDWOOD TRIM BOARD, STAINED IN-FIELD	-	MAPLE	CLEAR, SEMI-GLOSS STAIN		STAIN TO MATCH ADJACENT HPL PANEL BOARD
PAINT						
PNT-1	FIELD PAINT	SHERWIN WILLIAMS	SW7551 GREEK VILLA	SATIN		
PNT-1T	TRIM PAINT	SHERWIN WILLIAMS	SW7551 GREEK VILLA	SEMI-GLOSS		
PNT-2	FIELD PAINT	SHERWIN WILLIAMS	SW7601 REFLECTION	SATIN		
PNT-2T	TRIM PAINT	SHERWIN WILLIAMS	SW7606 EXTRA WHITE	SEMI-GLOSS		
PNT-3	FIELD PAINT	SHERWIN WILLIAMS	SW7065 REVERSED WHITE	SATIN		
PNT-3T	TRIM PAINT	SHERWIN WILLIAMS	SW7065 REVERSED WHITE	SEMI-GLOSS		
PNT-4	FIELD PAINT	SHERWIN WILLIAMS	SW981 CLEAN SLATE	SATIN		
PNT-4T	TRIM PAINT	SHERWIN WILLIAMS	SW981 CLEAN SLATE	SEMI-GLOSS		
PNT-5	FIELD PAINT	SHERWIN WILLIAMS	SW9171 CHATROOM	SATIN		
PNT-5T	TRIM PAINT	SHERWIN WILLIAMS	SW7006 EXTRA WHITE	SEMI-GLOSS		
PNT-6	FIELD PAINT	SHERWIN WILLIAMS	SW7663 MONORAIL SILVER	SATIN		
PNT-6T	TRIM PAINT	SHERWIN WILLIAMS	SW7006 EXTRA WHITE	SEMI-GLOSS		
PNT-7	FIELD PAINT	SHERWIN WILLIAMS	SW7013 WHITETAL	SATIN		
PNT-7T	TRIM PAINT	SHERWIN WILLIAMS	SW7013 WHITETAL	SEMI-GLOSS		
PNT-8	FIELD PAINT	SHERWIN WILLIAMS	SW9647 SOFTSAGE	SATIN		
PNT-8T	TRIM PAINT	SHERWIN WILLIAMS	SW7006 EXTRA WHITE	SEMI-GLOSS		
PNT-9	FIELD PAINT	SHERWIN WILLIAMS	SW9135 STARBOW	SATIN		
PNT-9T	TRIM PAINT	SHERWIN WILLIAMS	SW7006 EXTRA WHITE	SEMI-GLOSS		
PNT-10	FIELD PAINT	SHERWIN WILLIAMS	TBD	SATIN		
PNT-11	ACCENT PAINT	SHERWIN WILLIAMS	TBD	SATIN		
PNT-12	ACCENT PAINT	SHERWIN WILLIAMS	SW7665 WALL STREET	SATIN		
PNT-13	ACCENT PAINT	SHERWIN WILLIAMS	SW9126 HONEY SPARKSTONE	SATIN		
PNT-14	ACCENT PAINT	SHERWIN WILLIAMS	SW6228 TRICORN BLACK	MATTE		
PANELING						
AWP-1	ACOUSTICAL WALL PANEL TYPE 1	ARMSTRONG	SOUNDSOAK IS FIBERGLASS	FR-701 SILVER PAPER (BR)	CLASS A	
SOLID SURFACES						
SS-1	SOLID SURFACE, DARK GREY	CORIAN	SLATE GEO	VELVET	CLASS A	
SS-2	ENGINEERED QUARTZ, DARK GREY	COSENTINO	SILESTONE - URBAN CRUSH	CINDER CRAZE	CLASS A	
SS-3	ENGINEERED QUARTZ, LIGHT GREY/BEIGE	COSENTINO	SILESTONE - SUMA	SIBERIAN	CLASS A	
SS-4	?	TBD				
SS-5	?	TBD				
SS-6	?	TBD				
TILE						
FT-1	FLOOR TILE: CERAMIC 6X6: GRID	TRINITY TILE	BASSI, WHITE, MATTE		CLASS A	GROUT TYPE: GRT-1
FT-2	FLOOR TILE: PORCELAIN, 12X12: RUNNING BOND	TRINITY TILE	BASSI, WHITE, MATTE		CLASS A	GROUT TYPE: GRT-1
WT-1	WALL TILE: CERAMIC, 2.5X15: HORIZONTAL STACKED	TRINITY TILE	BASSI, WHITE BRICK, MATTE		CLASS A	GROUT TYPE: GRT-1
WT-2	WALL TILE: CERAMIC, 12X24: HORIZONTAL STACKED	TRINITY TILE	BASSI, WHITE, MATTE		CLASS A	GROUT TYPE: GRT-2
WT-3	WALL TILE: CERAMIC, 4X12: GRD	TRINITY TILE	WALL TILE COLLECTION, MIST, GLOSSY		CLASS A	GROUT TYPE: GRT-3
WT-4	WALL TILE: PORCELAIN, 12X24: HORIZONTAL STACKED	TRINITY TILE	BARTON, WHITE, MATTE		CLASS A	GROUT TYPE: GRT-4
WT-5	WALL TILE: CERAMIC, 12X24: HORIZONTAL STACKED	TRINITY TILE	BARTON, WHITE, MATTE		CLASS A	GROUT TYPE: GRT-5

GENERAL NOTES

- DIMENSIONS ARE FROM:
 - EXTERIOR METAL STUD WALLS: EXT. SHEATHING
 - CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
 - INTERIOR WALLS TO FACE OF STUD
 - CURTAIN WALL (CW) AND STONEFRONT (SF): DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO.
 - DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING.
 - DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING.
 - * "F" DENOTES DIMENSION FROM FINISH.
 - "F" DENOTES DIMENSION FROM FINISH TO FINISH.
- VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
- COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
- OBTAIN ALL PERMITS REQUIRED.
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

FINISH PLAN NOTES

- ALL EXISTING HM DOOR AND WINDOW FRAMES TO RECEIVE NEW PAINT, COLOR PER ARCHITECT.
- ALL EXISTING COVER PLATES FOR DEVICES TO BE REPLACED WITH ALL NEW SS COVER PLATES.
- SEE INTERIOR ELEVATIONS FOR FULL EXTENT OF WALL FINISHES AS KEYED IN PLANS.
- VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION OF FINISHES.
- TS - FURNISH AND INSTALL TRANSITION STRIP AT ALL FLOOR MATERIAL CHANGES AS SHOWN OR AS REQUIRED.
- HEIGHT AND PROFILE OF ALL TRANSITIONS STRIPS SHALL COMPLY WITH HANDICAP CODE.
- COLOR FOR ALL TRANSITION STRIPS SHALL BE AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- COORDINATE LOCATION OF ALL TRANSITION STRIPS WITH EXISTING AND NEW CONDITIONS, WHERE POSSIBLE, LOCATE TRANSITION STRIPS UNDER DOOR SLABS. NO EXPOSED SLAB PERMITTED IN FINISHED AREAS.
- COORDINATE SIZE OF ALL TRANSITION STRIPS WITH FINISH MATERIALS.

FINISH PLANS LEGEND

SYMBOL LEGEND

37 WALL TAG: SEE LEGEND (SHEET ##/##)

TAG MARKS

FE

FINISH ABBREVIATIONS

*COORDINATE SPECIFIC FINISH TYPE WITH INTERIOR FINISH SCHEDULE.

CEILING FINISHES:
ACT-# ACOUSTICAL CEILING TILE
GCB-# GYPSUM CEILING BOARD

WALL FINISHES:
PNT-# PAINT
PNT-#T PAINT, EPOXY TYPE
WT-# WALL TILE

WALL BASE FINISHES:
WBR-# RUBBER WALL BASE
WBT-# TILE WALL BASE
WBT-#T TERRAZZO WALL BASE
WBR-# WOOD WALL BASE

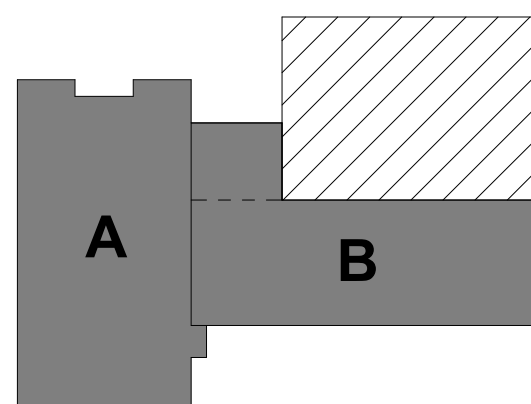
MISCELLANEOUS:
AWP-# ACOUSTICAL WALL PANELING
WDP-# WOOD PANEL TYPE

FLOOR FINISHES:
CPT-# CARPET
TR-# TERRAZZO
SCC-# SEALED CONCRETE

FINISH PLAN KEYNOTES

- SOLID SURFACE WALL CLADDING: DIRECTLY ADHERED TO WALL BACKER BOARD; FINISH FROM BACK TO 6 IN. ABOVE CEILING; FINISH APPLIED CONTINUOUS AROUND ENTIRE COLUMN PERIMETER.
- SIMILAR TO NOTE 01 EXCEPT AROUND ENTIRE PERIMETER OF ELEVATOR SHAFT B. W/AS VISIBLE FROM LOBBY OR STAIRWELL.
- 42" HIGH BOOKSHELF 2 SHELF + COUNTERTOP
- 34 INCH HIGH COUNTERTOP WITH BASE CABINETRY BELOW (PL-3 FINISH).
- PLACEHOLDER NOTE.

KEYPLAN

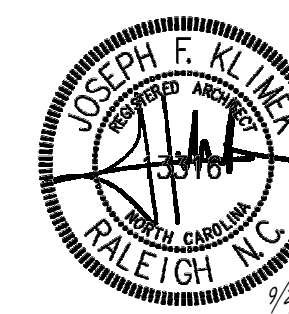


FRANKLIN JUDICIAL CENTER

FRANKLIN COUNTY

W. NASH ST.

LOUISBURG, NC 27549



GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all dimensions.

Revisions	Description	Date
2	BID SET - AM 2	9/22/2025

Date: 09/02/25
Project No.: 21054

Drawn By: JFK
Sheet No.: A1.31C

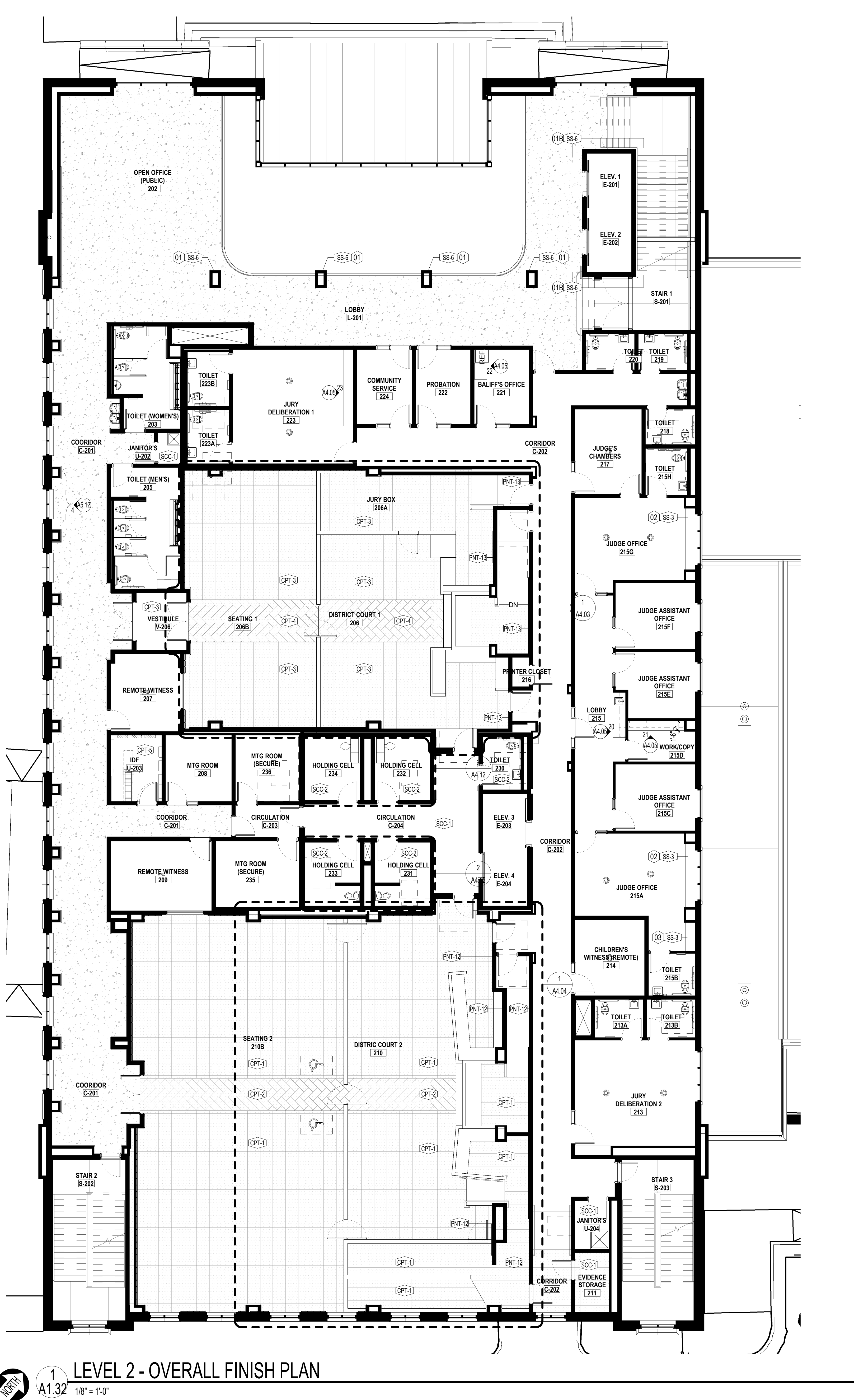
Checked By: AWC
Sheet Title: FINISH PLANS - LEVEL 01 (AREA B)

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ROOM FINISH SCHEDULE - LEVEL 2					
ROOM NO	ROOM NAME	Finish Category	Ceiling Finish	SIGNAGE	NOTES
202	OPEN OFFICE (PUBLIC)	PUBLIC LVL 1	GCB-1		
203	TOILET (WOMEN'S)	TOILET LVL 1	GCB-2		
205	TOILET (MEN'S)	TOILET LVL 1	GCB-2		
206	DISTRICT COURT 1	SMALL COURTROOM	GCB-1 / ACT-1		
206A	JURY BOX	SMALL COURTROOM	GCB-1 / ACT-1		
206B	SEATING 1	SMALL COURTROOM	GCB-1 / ACT-1		
207	REMOTE WITNESS	OFFICE LVL 2	GCB-1		
208	MTG ROOM	OFFICE LVL 2	GCB-1		
209	REMOTE WITNESS	OFFICE LVL 2	GCB-1		
210	DISTRICT COURT 2	LARGE COURTROOM	GCB-1 / ACT-3		
210A	JURY BOX	LARGE COURTROOM	GCB-1 / ACT-3		
210B	SEATING 2	LARGE COURTROOM	GCB-1 / ACT-3		
211	EVIDENCE STORAGE	BACK OF HOUSE	ACT-2		
213	JURY DELIBERATION 2	OFFICE LVL 1	ACT-1		
213A	TOILET	TOILET LVL 1	ACT-2		
213B	TOILET	TOILET LVL 1	ACT-2		
214	CHILDREN'S WITNESS (REMOTE)	OFFICE LVL 1	ACT-1		
215	LOBBY	JUDGES SUITE	GCB-1 / ACT-1		
215A	JUDGE OFFICE	JUDGES SUITE	ACT-1		
215B	TOILET	TOILET LVL 1	ACT-2		
215C	JUDGE ASSISTANT OFFICE	JUDGES SUITE	ACT-1		
215D	WORKCOPY	JUDGES SUITE	ACT-1		
215E	JUDGE ASSISTANT OFFICE	JUDGES SUITE	ACT-1		
215F	JUDGE ASSISTANT OFFICE	JUDGES SUITE	ACT-1		
215G	JUDGE OFFICE	JUDGES SUITE	ACT-1		
219H	TOILET	TOILET LVL 1	ACT-1		
216	PRINTER CLOSET	PUBLIC LVL 2	GCB-1		
217	JUDGES CHAMBERS	JUDGES SUITE	ACT-1		
218	TOILET	TOILET LVL 2	ACT-2		
219	TOILET	TOILET LVL 2	ACT-2		
220	TOILET	TOILET LVL 2	ACT-2		
221	BALIFF'S OFFICE	OFFICE LVL 2	GCB-1		
222	PROBATION	OFFICE LVL 2	GCB-1		
223	JURY DELIBERATION 1	OFFICE LVL 1	ACT-1		
223A	TOILET	TOILET LVL 1	ACT-2		
223B	TOILET	TOILET LVL 1	ACT-2		
224	COMMUNITY SERVICE	OFFICE LVL 2	GCB-1		
230	TOILET	CELL	GCB-2		
231	HOLDING CELL	CELL	GCB-2		
232	HOLDING CELL	CELL	GCB-2		
233	HOLDING CELL	CELL	GCB-2		
234	HOLDING CELL	CELL	GCB-2		
235	MTG ROOM (SECURE)	OFFICE LVL 2	GCB-1		
236	MTG ROOM (SECURE)	OFFICE LVL 2	GCB-1		
C-201	CORRIDOR	PUBLIC LVL 1	ACT-1		
C-202	CORRIDOR	PUBLIC LVL 2	GCB-1 / ACT-1		
C-203	CIRCULATION	OFFICE LVL 2	GCB-1		
C-204	CIRCULATION	CELL	GCB-1		
E-201	ELEV. 1				
E-202	ELEV. 2				
E-203	ELEV. 3				
E-204	ELEV. 4				
L-201	LOBBY	PUBLIC LVL 1	GCB-1		
S-201	STAIR 1				
S-202	STAIR 2				
S-203	STAIR 3				
U-202	JANITORS	BACK OF HOUSE	GCB-2		
U-203	IDF	BACK OF HOUSE	ACT-1		
U-204	JANITORS	BACK OF HOUSE	ACT-2		
V-206	VESTIBULE	SMALL COURTROOM	GCB-1		

FINISH CATEGORY SCHEDULE					
Finish Category	Wall Finish	TRIM	Floor Finish	BASE	NOTES
BACK OF HOUSE	PNT-4	PNT-4T	CPT-5 / SCC-1 *	WBR-4	
CELL	PNT-4	PNT-4T	SCC-1 / SCC-2 *	WBR-4	
JUDGES SUITE	PNT-5	PNT-5T	CPT-9	WBR-1	
LARGE COURTROOM	PNT-3 / PNT-12 *	PNT-3T	CPT-1 / CPT-2 *	WBR-1	
OFFICE LVL 1	PNT-6	PNT-6T	CPT-6	WBR-1	
OFFICE LVL 2	PNT-7	PNT-7T	CPT-7	WBR-2	
PUBLIC LVL 1	PNT-1	PNT-1T	TRZ-1	WBR-1	
PUBLIC LVL 2	PNT-2	PNT-2T	CPT-8	WBR-3	
SMALL COURTROOM	PNT-3 / PNT-13 *	PNT-3T	CPT-3 / CPT-4 *	WBR-1	
TOILET LVL 1	WT-1 / WT-2 / PNT-8 *	PNT-8T	FT-1	N/A	
TOILET LVL 2	WT-3 / WT-4 / PNT-9 *	PNT-9T	FT-2	N/A	

FINISHES WITH * INDICATE VARIABLE TYPES OF FINISHES PER FINISH CATEGORY. REFER TO PLANS AND ELEVATIONS FOR SPECIFIC FINISHES AT EACH ROOM LOCATION.



1
A1.32
1/8" = 1'-0"

LEVEL 2 - OVERALL FINISH PLAN

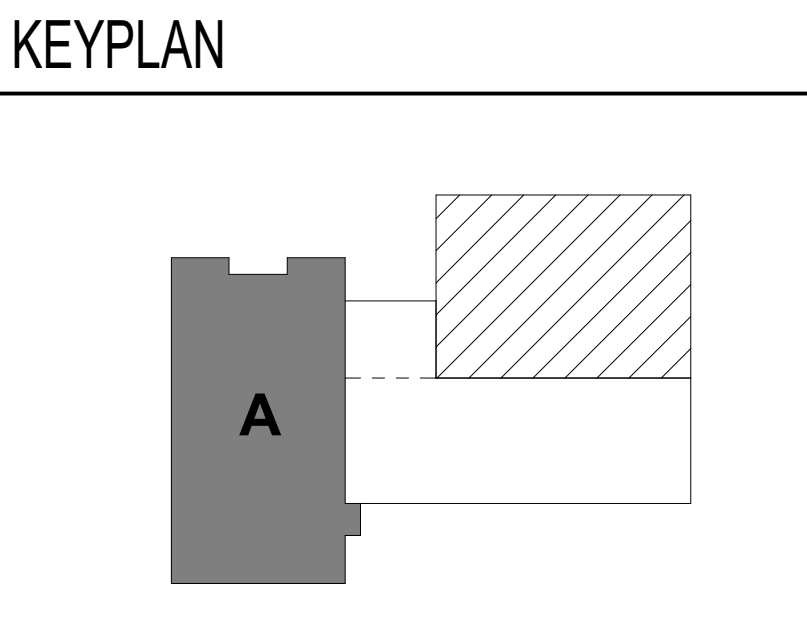
- ### GENERAL NOTES
- DIMENSIONS ARE FROM:
 - EXTERIOR METAL STUD WALLS: EXT. SHEATHING
 - CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
 - INTERIOR WALLS TO FACE OF STUD
 - CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO.
 - DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING.
 - DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENINGS.
 - * "F" DENOTES DIMENSION FROM FINISH.
 - "F" DENOTES DIMENSION FROM FINISH TO FINISH.
 - VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
 - SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
 - SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
 - COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
 - OBTAIN ALL PERMITS REQUIRED.
 - SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

- ### FINISH PLAN NOTES
- ALL EXISTING HM DOOR AND WINDOW FRAMES TO RECEIVE NEW PAINT, COLOR PER ARCHITECT.
 - ALL EXISTING COVER PLATES FOR DEVICES TO BE REPLACED WITH ALL NEW SS COVER PLATES.
 - SEE INTERIOR ELEVATIONS FOR FULL EXTENT OF WALL FINISHES AS KEYED IN PLANS.
 - VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION OF FINISHES.
 - TS = FURNISH AND INSTALL TRANSITION STRIP AT ALL FLOOR MATERIAL CHANGES AS SHOWN OR AS REQUIRED.
 - HEIGHT AND PROFILE OF ALL TRANSITIONS STRIPS SHALL COMPLY WITH HANDICAP CODE.
 - COLOR FOR ALL TRANSITION STRIPS SHALL BE AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
 - COORDINATE LOCATION OF ALL TRANSITION STRIPS WITH EXISTING AND NEW CONDITIONS, WHERE POSSIBLE, LOCATE TRANSITION STRIPS UNDER DOOR SLABS. NO EXPOSED SLAB PERMITTED IN FINISHED AREAS.
 - COORDINATE SIZE OF ALL TRANSITION STRIPS WITH FINISH MATERIALS.

- ### FINISH PLANS LEGEND
- #### SYMBOL LEGEND
- SS-# WALL TAG, SEE LEGEND (SHEET ##/###)
- #### TAG MARKS
- FE
- #### FINISH ABBREVIATIONS
- *COORDINATE SPECIFIC FINISH TYPE WITH INTERIOR FINISH SCHEDULE.
- #### CEILING FINISHES:
- ACT-# ACOUSTICAL CEILING TILE
GCB-# GYPSUM CEILING BOARD
- #### WALL FINISHES:
- PNT-# PAINT
PNT-# PAINT, EPOXY TYPE
WT-# WALL TILE
- #### WALL BASE FINISHES:
- WBR-# RUBBER WALL BASE
WBT-# TILE WALL BASE
WBT-# TERRAZZO WALL BASE
WBR-# WOOD WALL BASE
- #### MISCELLANEOUS:
- AWP-# ACOUSTICAL WALL PANELING
WDP-# WOOD PANEL TYPE
- #### FLOOR FINISHES:
- CPT-# CARPET
TRZ-# TERRAZZO
SCC-# SEALED CONCRETE

- ### FINISH PLAN KEYNOTES
- SOLID SURFACE WALL CLADDING, DIRECTLY ADHERED TO WALL BACKER BOARD; FINISH FROM BACK TO 6 IN. ABOVE CEILING; FINISH APPLIED CONTINUOUS AROUND ENTIRE COLUMN PERIMETER.
 - SIMILAR TO NOTE 01 EXCEPT AROUND ENTIRE PERIMETER OF ELEVATOR SHAFT.
 - WI AS VISIBLE FROM LOBBY OR STAIRWELL.
 - 42" HIGH BOOKSHELF 2 SHELF + COUNTERTOP.
 - 34 INCH HIGH COUNTERTOP WITH BASE CABINETRY BELOW (PL-3 FINISH).
 - PLACEHOLDER NOTE.
 - PLACEHOLDER NOTE.

2
ADDENDUM NO. 2:
- VARIOUS MATERIAL TAGS AND ELEVATIONS



OAKLEY COLLIER ARCHITECTS
OCA ARCHITECTS

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FRANKLIN JUDICIAL CENTER
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549

GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all dimensions.

Revisions	Description	Date
2	BID SET - AM 2	9/22/2025

Date	Project No.
09/02/25	21054

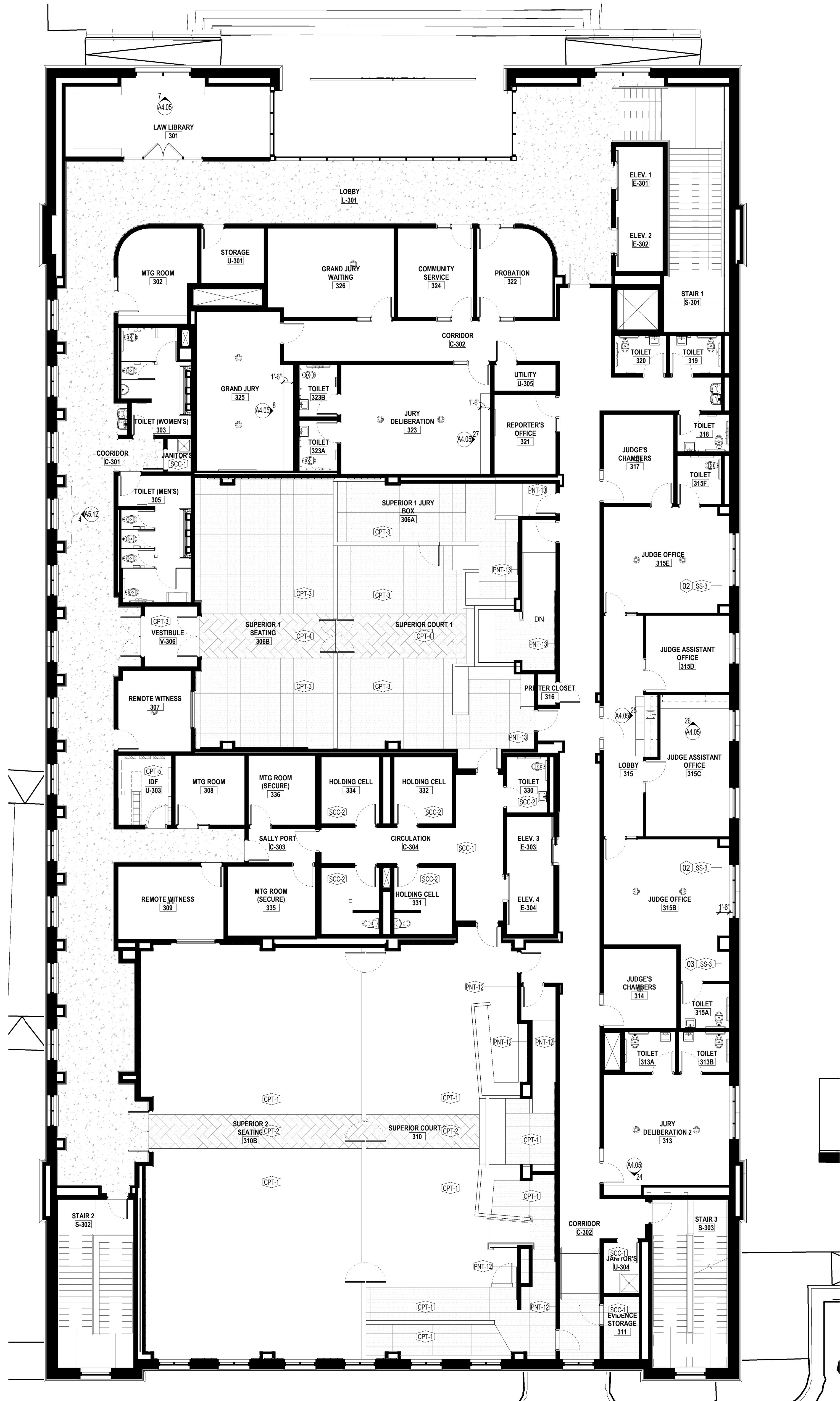
Drawn By	Sheet No.
JFK	A1.32

Checked By	Sheet Title
AWC	FINISH PLANS - LEVEL 02

ROOM FINISH SCHEDULE - LEVEL 3					
ROOM NO	ROOM NAME	Finish Category	CEILING	SIGNAGE	NOTES
301	LAW LIBRARY	PUBLIC LVL 1	GCB-1		
302	MTG ROOM	OFFICE LVL 2	GCB-1		
303	TOILET (WOMEN'S)	TOILET LVL 1	GCB-1		
304	TOILET (MEN'S)	TOILET LVL 1	ACT-2		
305	SUPERIOR COURT 1	SMALL COURTROOM	GCB-1/ACT-1		
306A	SUPERIOR 1 JURY BOX	SMALL COURTROOM	GCB-1/ACT-1		
306B	SUPERIOR 1 SEATING	SMALL COURTROOM	GCB-1/ACT-1		
307	REMOTE WITNESS	OFFICE LVL 2	GCB-1		
308	MTG ROOM	OFFICE LVL 2	GCB-1		
309	REMOTE WITNESS	OFFICE LVL 2	GCB-1		
310	SUPERIOR COURT 2	LARGE COURTROOM	GCB-1/ACT-3		
310A	JURY BOX	LARGE COURTROOM	GCB-1/ACT-3		
310B	SUPERIOR 2 SEATING	LARGE COURTROOM	GCB-1/ACT-3		
311	EVIDENCE STORAGE	BACK OF HOUSE	ACT-2		
313	JURY DELIBERATION 2	OFFICE LVL 1	ACT-1		
313A	TOILET	TOILET LVL 1	ACT-2		
313B	TOILET	TOILET LVL 1	ACT-2		
314	JUDGE'S CHAMBERS	JUDGE'S SUITE	ACT-1		
315	LOBBY	JUDGE'S SUITE	GCB-1/ACT-1		
315A	TOILET	TOILET LVL 1	ACT-2		
315B	JUDGE OFFICE	JUDGE'S SUITE	GCB-1/ACT-1		
315C	JUDGE ASSISTANT OFFICE	JUDGE'S SUITE	ACT-1		
315D	JUDGE ASSISTANT OFFICE	JUDGE'S SUITE	ACT-1		
315E	JUDGE OFFICE	JUDGE'S SUITE	ACT-1		
315F	TOILET	TOILET LVL 1	ACT-2		
316	PRINTER CLOSET	PUBLIC LVL 2	GCB-1		
317	JUDGE'S CHAMBERS	JUDGE'S SUITE	ACT-1		
318	TOILET	TOILET LVL 2	ACT-2		
319	TOILET	TOILET LVL 2	ACT-2		
320	TOILET	TOILET LVL 2	ACT-2		
321	REPORTER'S OFFICE	OFFICE LVL 2	ACT-1		
322	PROBATION	OFFICE LVL 2	ACT-1		
323	JURY DELIBERATION	OFFICE LVL 1	ACT-1		
323A	TOILET	TOILET LVL 1	ACT-2		
323B	TOILET	TOILET LVL 1	ACT-2		
324	COMMUNITY SERVICE	OFFICE LVL 2	ACT-1		
325	GRAND JURY	OFFICE LVL 1	ACT-1		
326	GRAND JURY WAITING	OFFICE LVL 1	ACT-1		
330	TOILET	CELL	GCB-2		
331	HOLDING CELL	CELL	GCB-2		
332	HOLDING CELL	CELL	GCB-2		
333	HOLDING CELL	CELL	GCB-2		
334	HOLDING CELL	CELL	GCB-2		
335	MTG ROOM (SECURE)	OFFICE LVL 2	ACT-1		
336	MTG ROOM (SECURE)	OFFICE LVL 2	ACT-1		
C-301	CORRIDOR	PUBLIC LVL 1	ACT-2		
C-302	CORRIDOR	PUBLIC LVL 2	ACT-2		
C-303	SALLY PORT	OFFICE LVL 2	GCB-1		
C-304	CIRCULATION	CELL	GCB-1		
E-301	ELEV 1				
E-302	ELEV 2				
E-303	ELEV 3				
E-304	ELEV 4				
L-301	LOBBY	PUBLIC LVL 1	GCB-1		
S-301	STAIR 1	PUBLIC LVL 1	GCB-1		
S-302	STAIR 2				
S-303	STAIR 3				
U-301	STORAGE	BACK OF HOUSE	ACT-2		
U-302	JANITORS	BACK OF HOUSE	GCB-2		
U-303	IDF	BACK OF HOUSE	ACT-1		
U-304	JANITORS	BACK OF HOUSE	ACT-2		
U-305	UTILITY	CELL	ACT-1		
V-306	VESTIBULE	SMALL COURTROOM	GCB-1		

FINISH CATEGORY SCHEDULE					
Finish Category	Wall Finish	TRIM	Floor Finish	BASE	NOTES
BACK OF HOUSE	PNT-4	PNT-4T	CPT-5 / SCC-1*	WBR-4	
CELL	PNT-4	PNT-4T	SCC-1 / SCC-2*	WBR-4	
JUDGE'S SUITE	PNT-5	PNT-5T	CPT-6	WBR-1	
LARGE COURTROOM	PNT-3 / PNT-12*	PNT-3T	CPT-1 / CPT-2*	WBR-1	
OFFICE LVL 1	PNT-6	PNT-6T	CPT-6	WBR-1	
OFFICE LVL 2	PNT-7	PNT-7T	CPT-7	WBR-2	
PUBLIC LVL 1	PNT-1	PNT-1T	TRZ-1	WBR-1	
PUBLIC LVL 2	PNT-2	PNT-2T	CPT-8	WBR-3	
SMALL COURTROOM	PNT-3 / PNT-13*	PNT-3T	CPT-3 / CPT-4*	WBR-1	
TOILET LVL 1	WT-1 / WT-2 / PNT-8*	PNT-8T	FT-1	N/A	
TOILET LVL 2	WT-3 / WT-4 / PNT-9*	PNT-9T	FT-2	N/A	

FINISHES WITH * INDICATE VARIABLE TYPES OF FINISHES PER FINISH CATEGORY. REFER TO PLANS AND ELEVATIONS FOR SPECIFIC FINISHES AT EACH ROOM LOCATION.



GENERAL NOTES

- DIMENSIONS ARE FROM:
 - EXTERIOR METAL STUD WALLS: EXT. SHEATHING
 - CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
 - INTERIOR WALLS TO FACE OF STUD
 - CURTAIN WALL: LOW AND STONEFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO.
 - DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
 - DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING.
 - * "F" DENOTES DIMENSION FROM FINISH.
 - "F" DENOTES DIMENSION FROM FINISH TO FINISH.
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- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
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- OBTAIN ALL PERMITS REQUIRED.
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

FINISH PLAN NOTES

- ALL EXISTING HM DOOR AND WINDOW FRAMES TO RECEIVE NEW PAINT, COLOR PER ARCHITECT.
- ALL EXISTING COVER PLATES FOR DEVICES TO BE REPLACED WITH ALL NEW SS COVER PLATES.
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- VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO INSTALLATION OF FINISHES.
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- COLOR FOR ALL TRANSITION STRIPS SHALL BE AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- COORDINATE LOCATION OF ALL TRANSITION STRIPS WITH EXISTING AND NEW CONDITIONS, WHERE POSSIBLE. LOCATE TRANSITION STRIPS UNDER DOOR SLABS. NO EXPOSED SLAB PERMITTED IN FINISHED AREAS.
- COORDINATE SIZE OF ALL TRANSITION STRIPS WITH FINISH MATERIALS.

FINISH PLANS LEGEND

SYMBOL LEGEND

- 32 WALL TAG. SEE LEGEND (SHEET ##/###)

TAG MARKS

FE

FINISH ABBREVIATIONS

*COORDINATE SPECIFIC FINISH TYPE WITH INTERIOR FINISH SCHEDULE.

CEILING FINISHES:

- ACT-# ACOUSTICAL CEILING TILE
GCB-# GYPSUM CEILING BOARD

WALL FINISHES:

- PNT-# PAINT
PNT-E# PAINT, EPOXY TYPE
WT-# WALL TILE

WALL BASE FINISHES:

- WBR-# RUBBER WALL BASE
WBT-# TILE WALL BASE
WBT-T# TERRAZZO WALL BASE
WBR-W# WOOD WALL BASE

MISCELLANEOUS:

- AWP-# ACOUSTICAL WALL PANELING
WDP-# WOOD PANEL TYPE

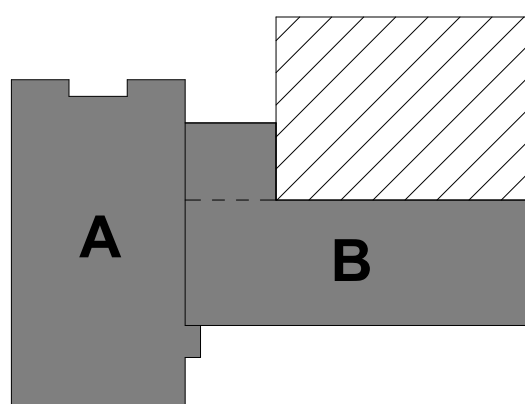
FLOOR FINISHES:

- CPT-# CARPET
TRZ-# TERRAZZO
SCC-# SEALED CONCRETE

FINISH PLAN KEYNOTES

- SOLID SURFACE WALL CLADDING: DIRECTLY ADHERED TO WALL BACKER BOARD; FINISH FROM BACK TO 6 IN. ABOVE CEILING; FINISH APPLIED CONTINUOUS AROUND ENTIRE COLUMN PERIMETER.
- SIMILAR TO NOTE 01 EXCEPT AROUND ENTIRE PERIMETER OF ELEVATOR SHAFT
- WI AS VISIBLE FROM LOBBY OR STAIRWELL
- 42" HIGH BOOKSHELF 2 SHELF + COUNTERTOP
- 34 INCH HIGH COUNTERTOP WITH BASE CABINETS BELOW (PL-3 FINISH).
- PLACEHOLDER NOTE.
- PLACEHOLDER NOTE.

KEYPLAN



1
A1.33

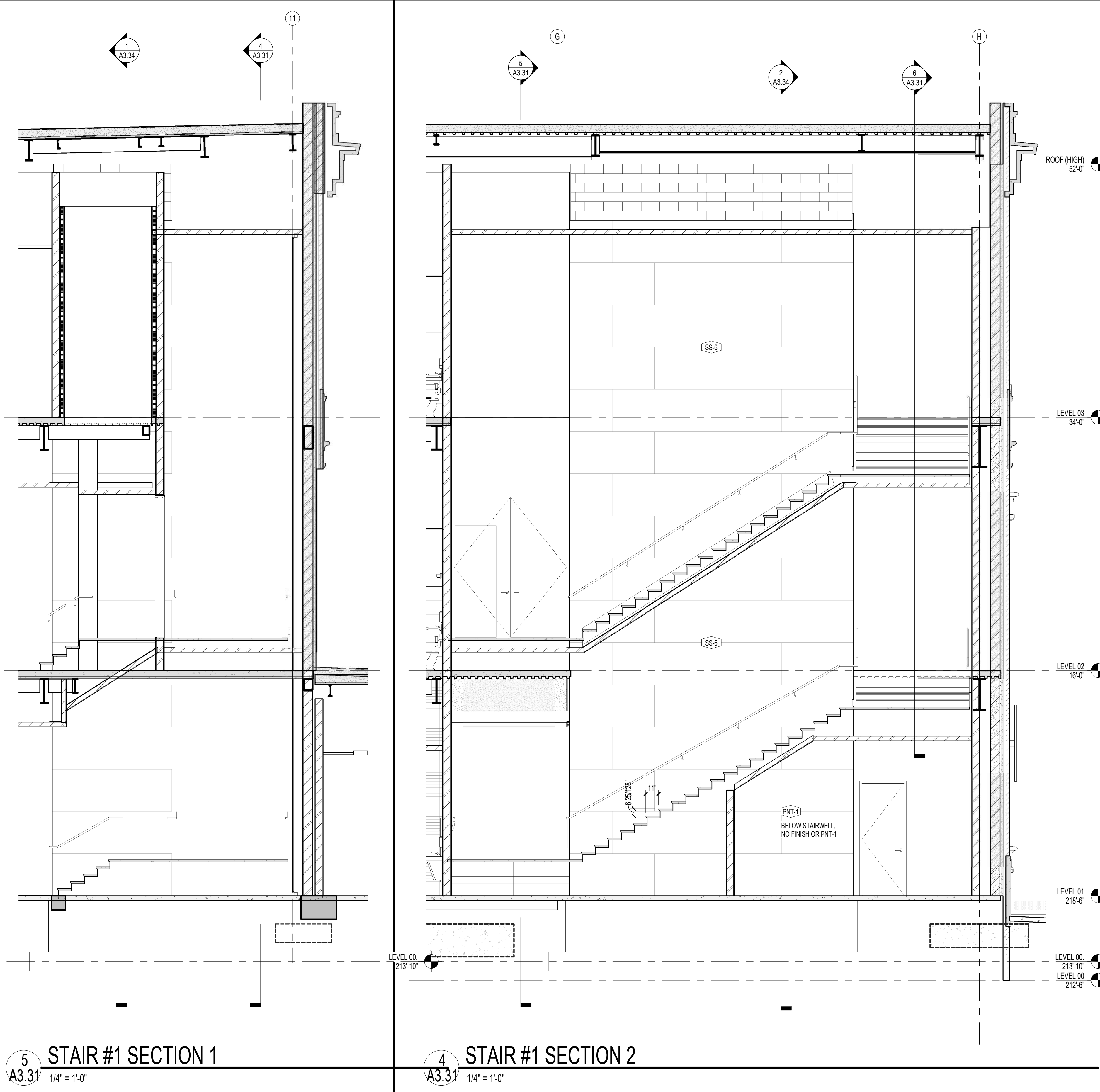
LEVEL 3 - OVERALL FINISH PLAN

1/8" = 1'-0"

GENERAL NOTE:
Prior to construction
start, Contractor shall
verify & be responsible
for all dimensions.

Revisions	Description	Date
2	BID SET - AM 2	9/22/2025

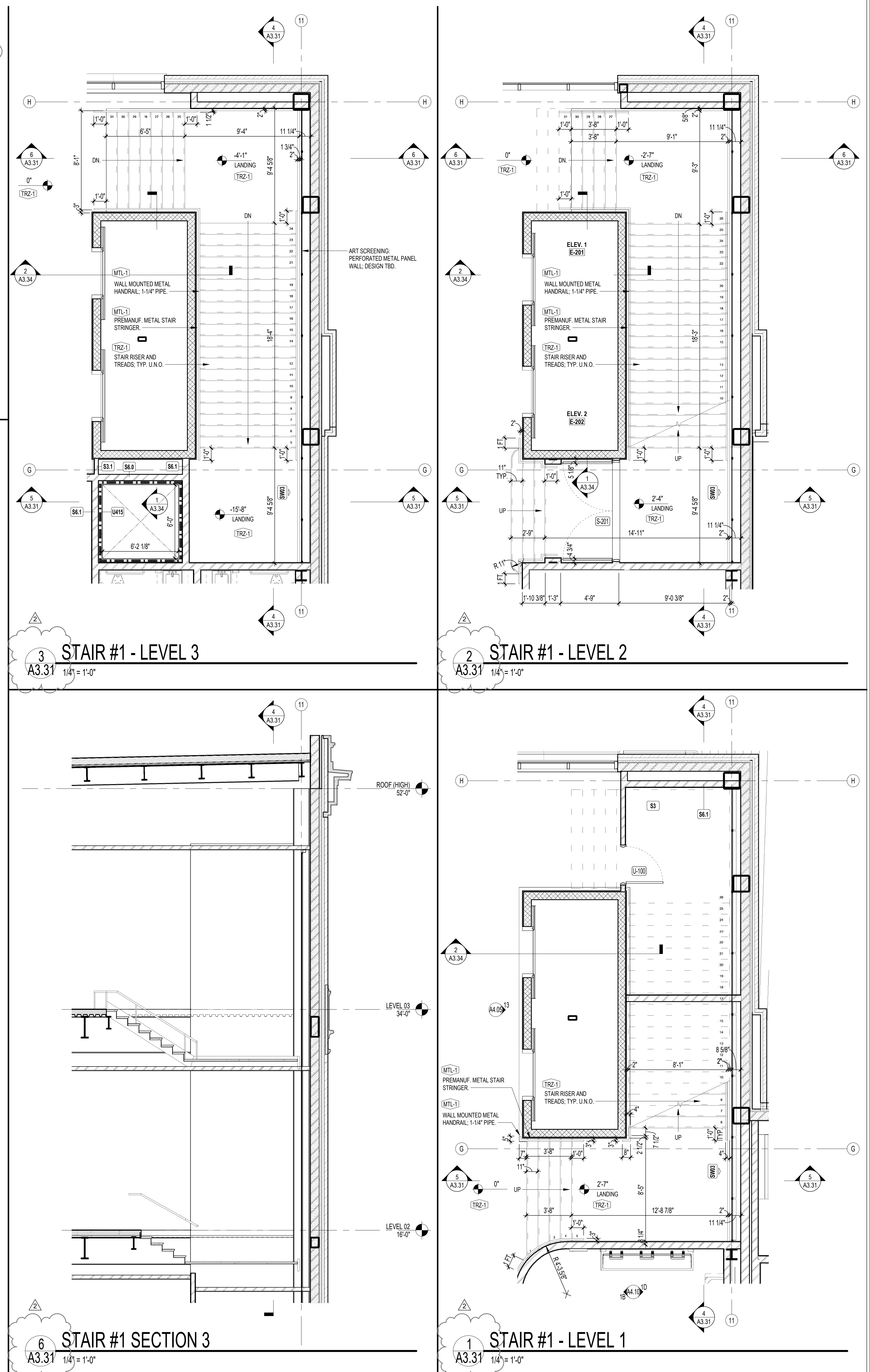
Date	Project No.
09/02/25	21054
Drawn By	Sheet No.
JFK	A1.33
Checked By	Sheet Title
AWC	FINISH PLANS - LEVEL 03



2

ADDENDUM NO.2 (9/22/2025)

- ADDED ADDITIONAL ANNOTATION, DIMENSIONS, AND DETAILS TO THIS SHEET.

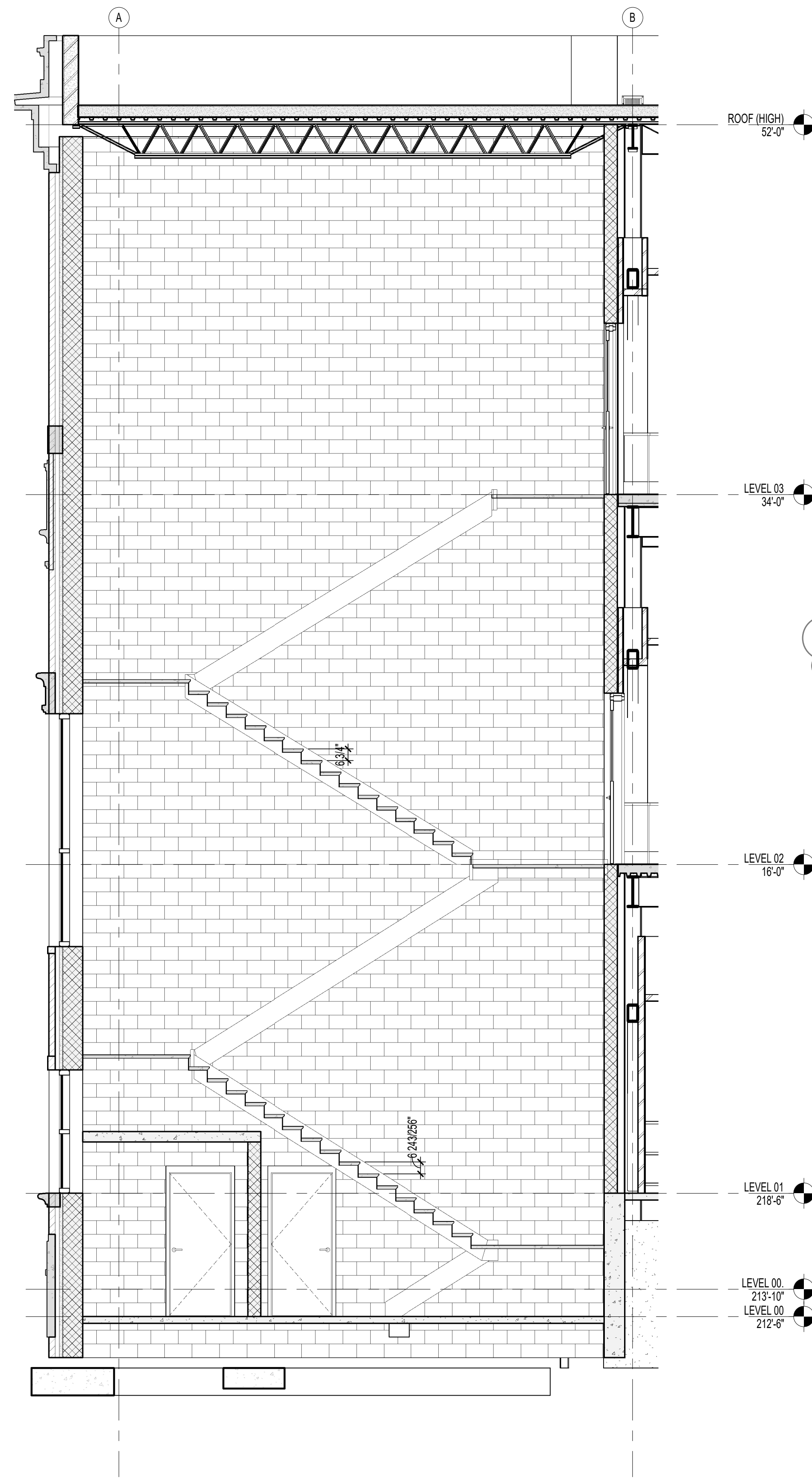


GENERAL NOTE:
Prior to construction
start, Contractor shall
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#	Description	Date
2	BID SET - Add 2	9/22/2025

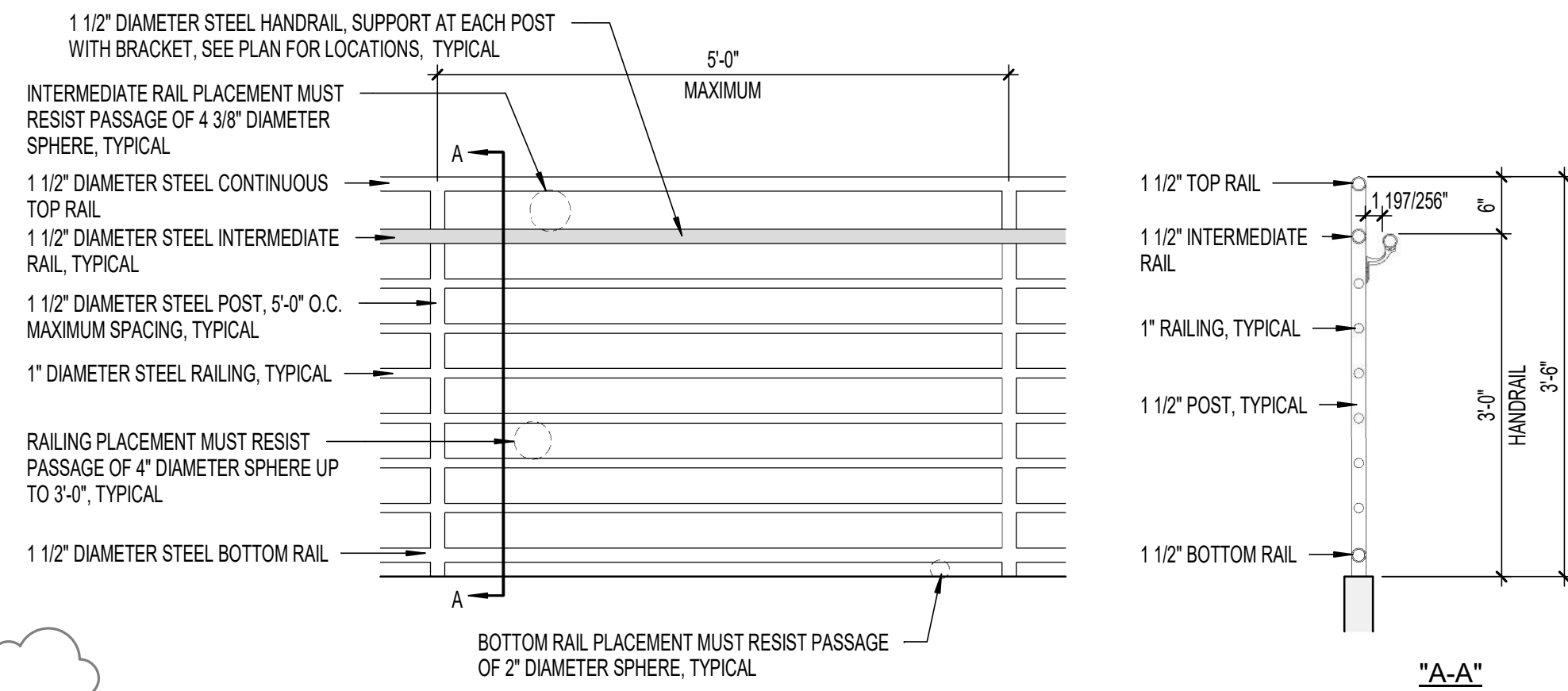
Date 09/02/25	Project No. 21054
Drawn By JFK	Sheet No. A3.31
Checked By AWC	
Sheet Title VERTICAL CIRCULATION - STAIR #1	

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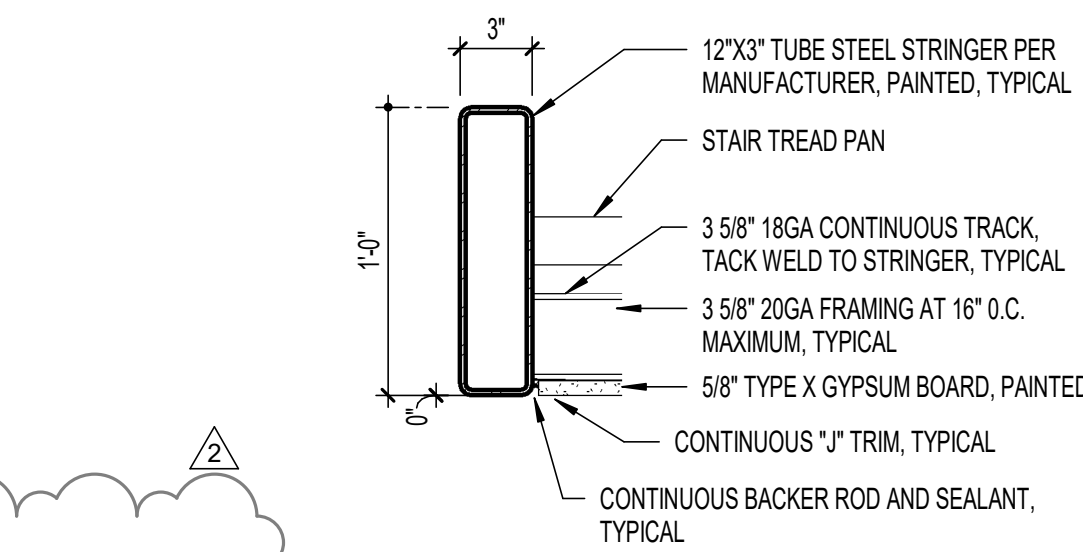


4 STAIR #2 SECTION 1
A3.32 1/4" = 1'-0"

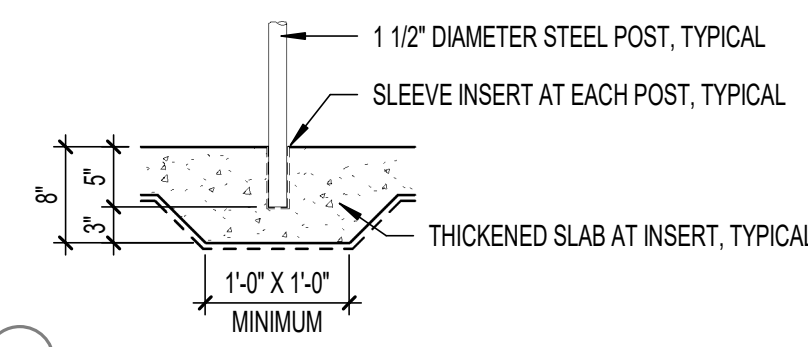
11 STAIR DETAIL (GUARDRAIL AT LANDING)
A3.32 3/4" = 1'-0"



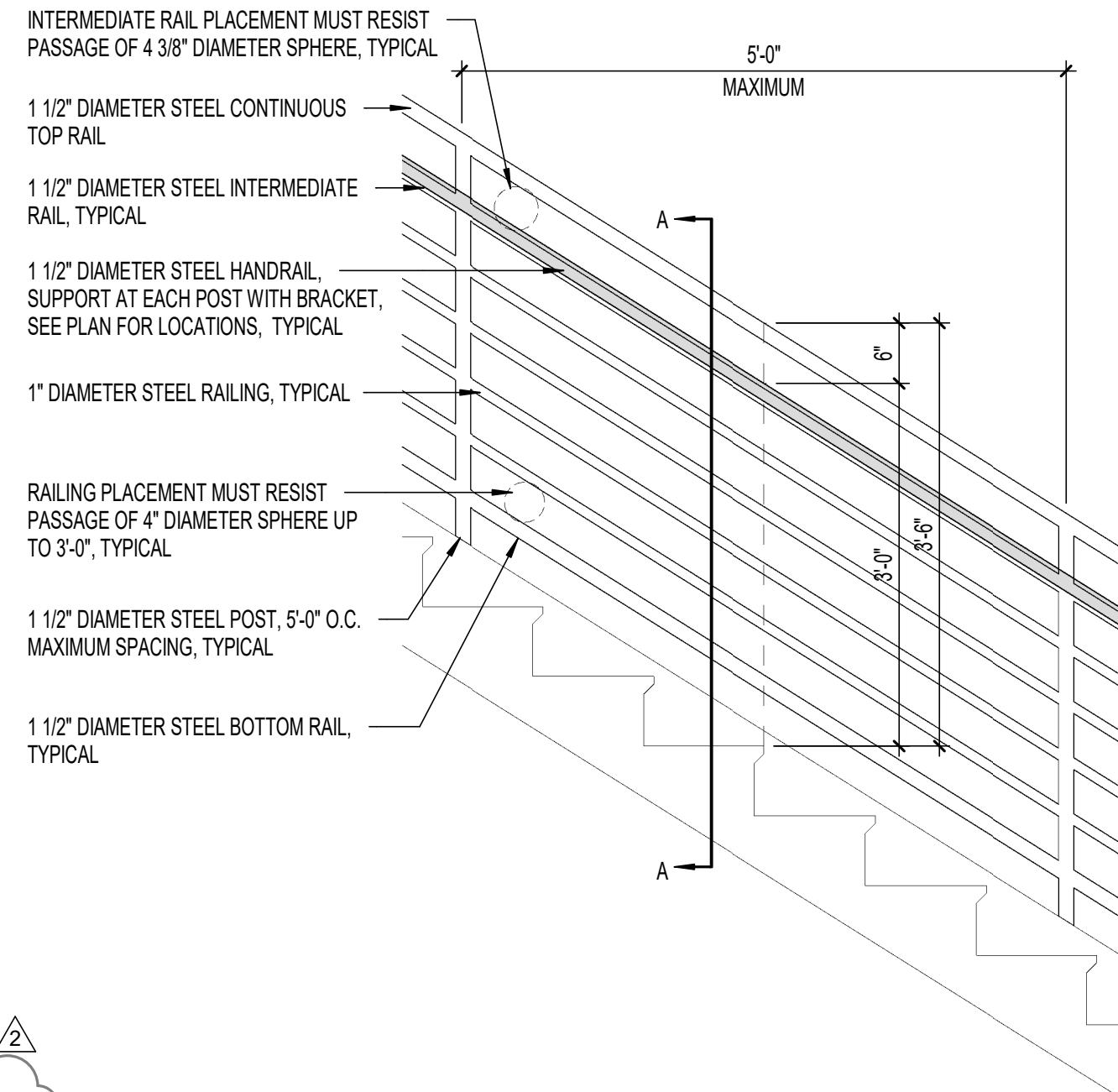
10 STAIR DETAIL (AT STRINGER)
A3.32 1 1/2" = 1'-0"



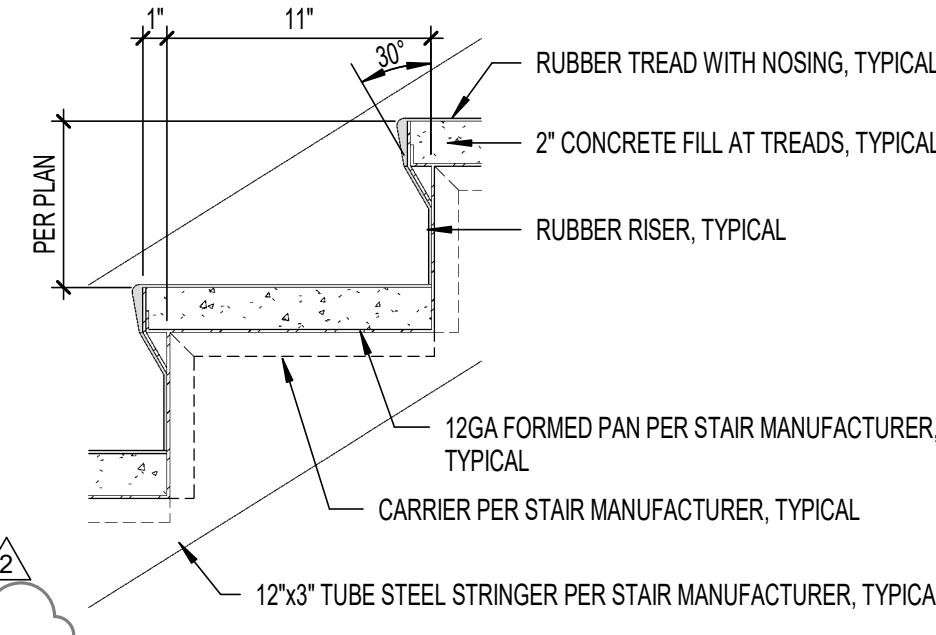
8 STAIR DETAIL (RAILING AT SOG)
A3.32 3/4" = 1'-0"



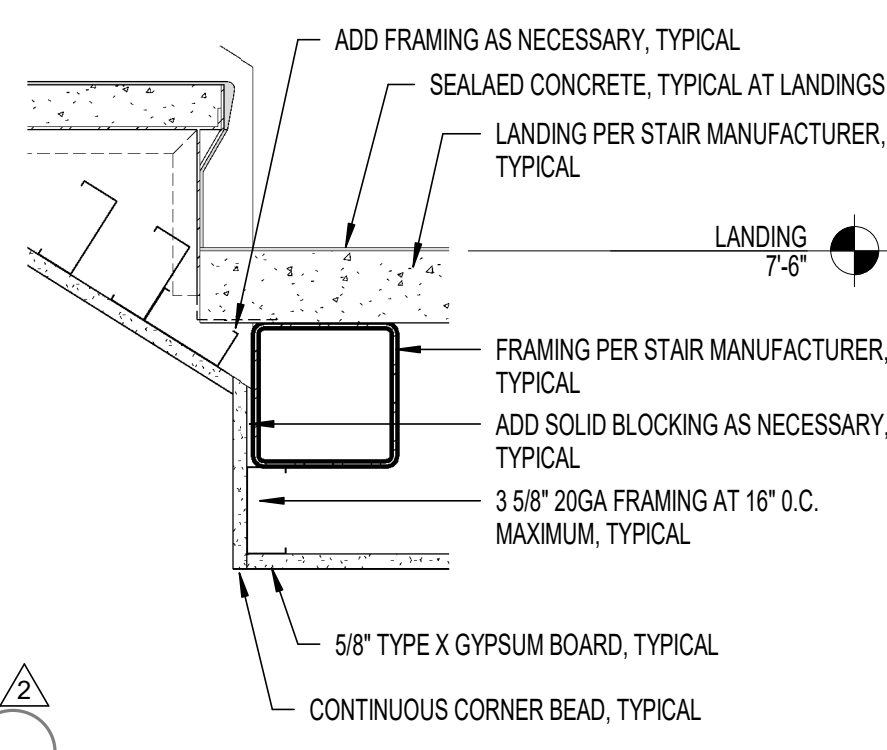
12 STAIR DETAIL (GUARDRAIL AT TREADS)
A3.32 3/4" = 1'-0"



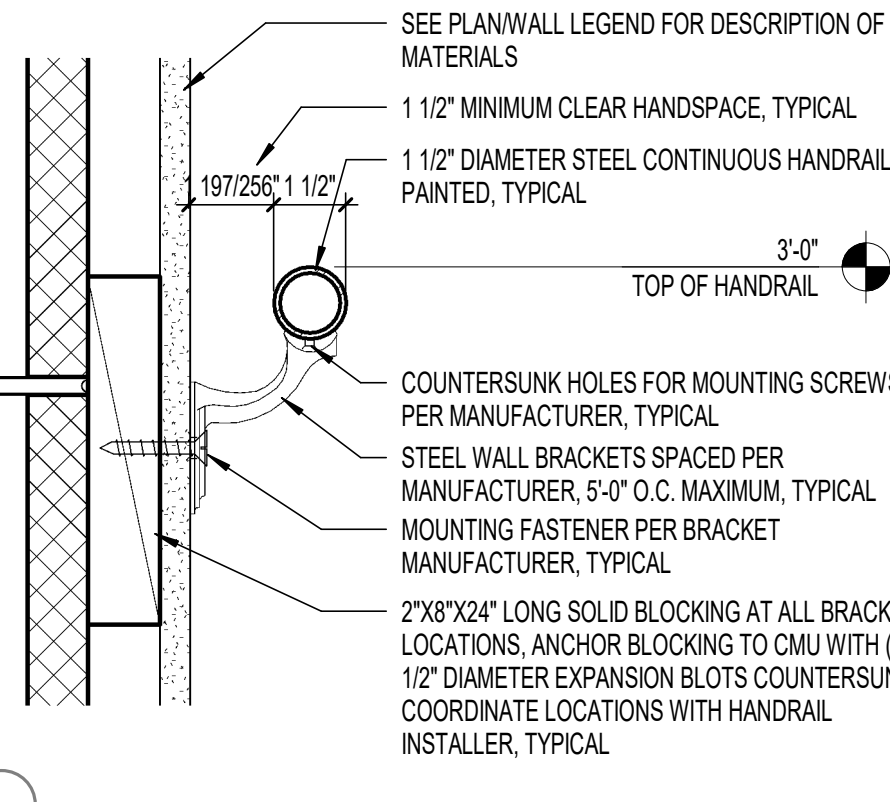
7 STAIR DETAIL (AT TREAD)
A3.32 1 1/2" = 1'-0"



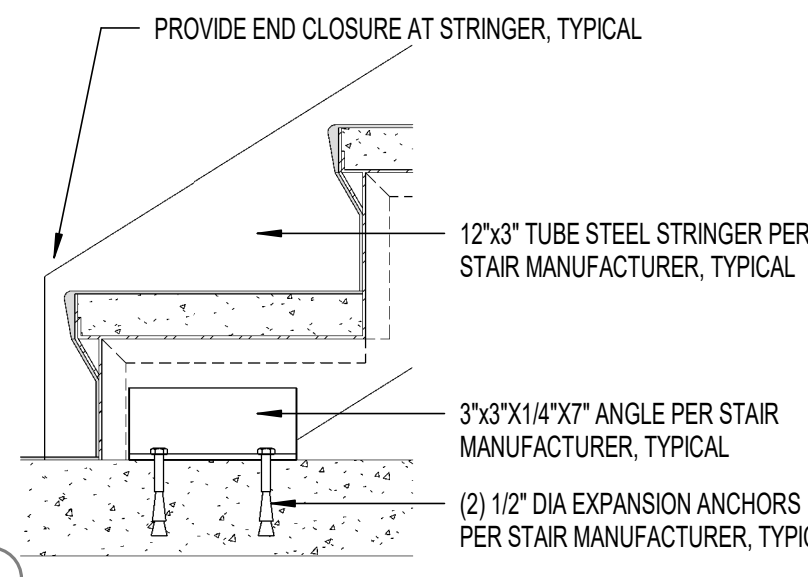
6 STAIR DETAIL (AT LANDING)
A3.32 1 1/2" = 1'-0"



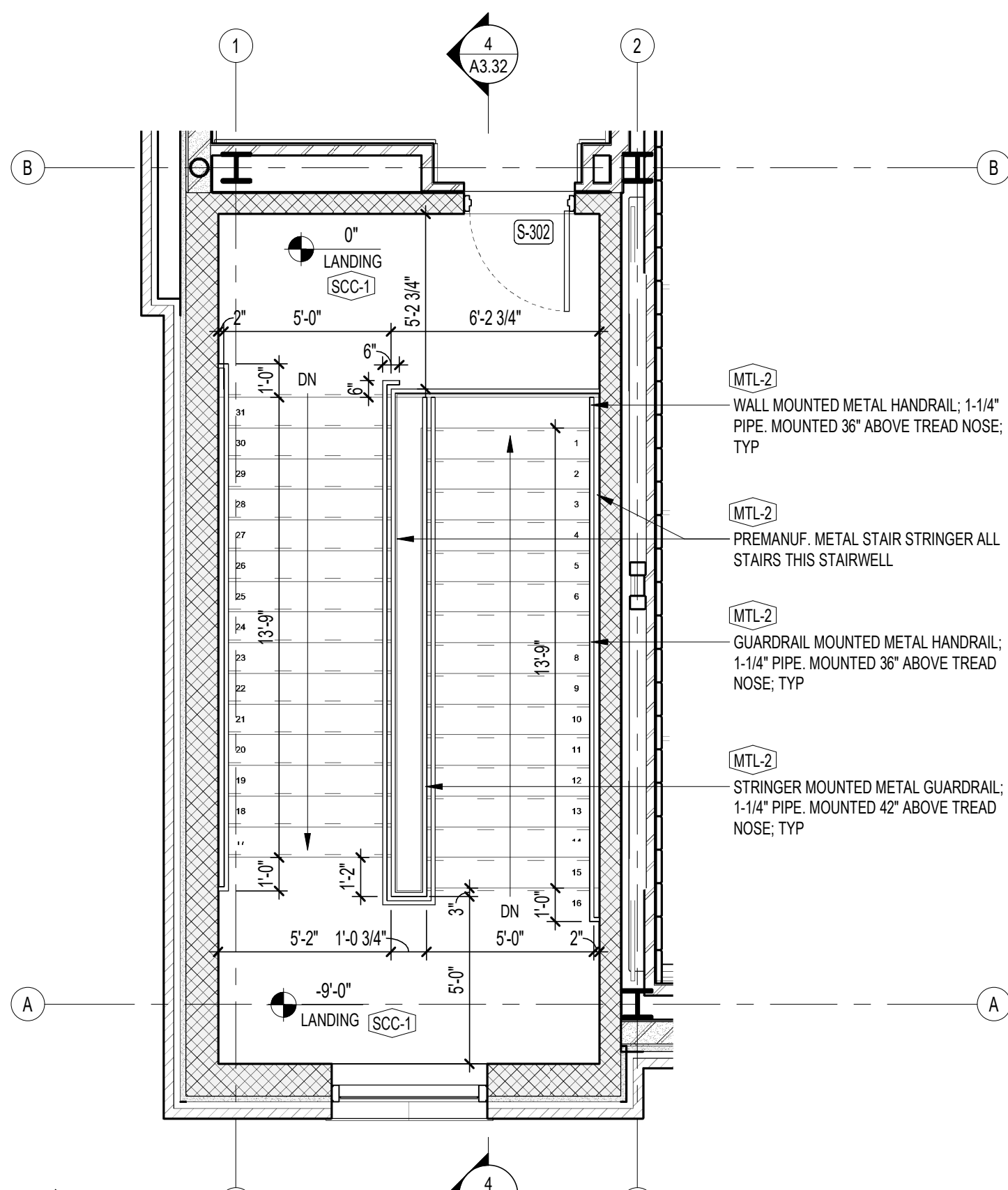
9 STAIR DETAIL (RAILING - WALL HUNG)
A3.32 3/4" = 1'-0"



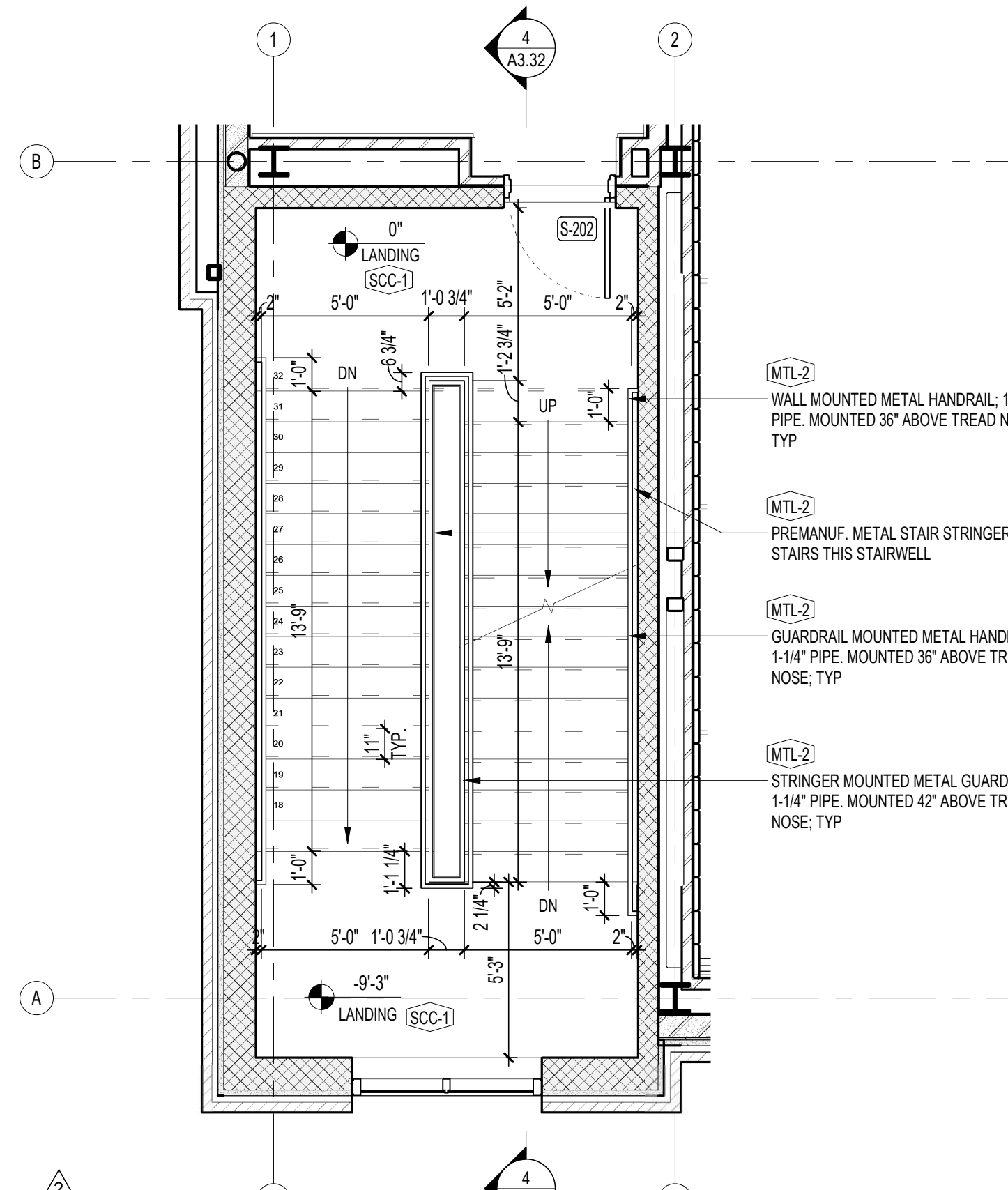
1 STAIR DETAIL (AT BASE)
A3.32 1 1/2" = 1'-0"



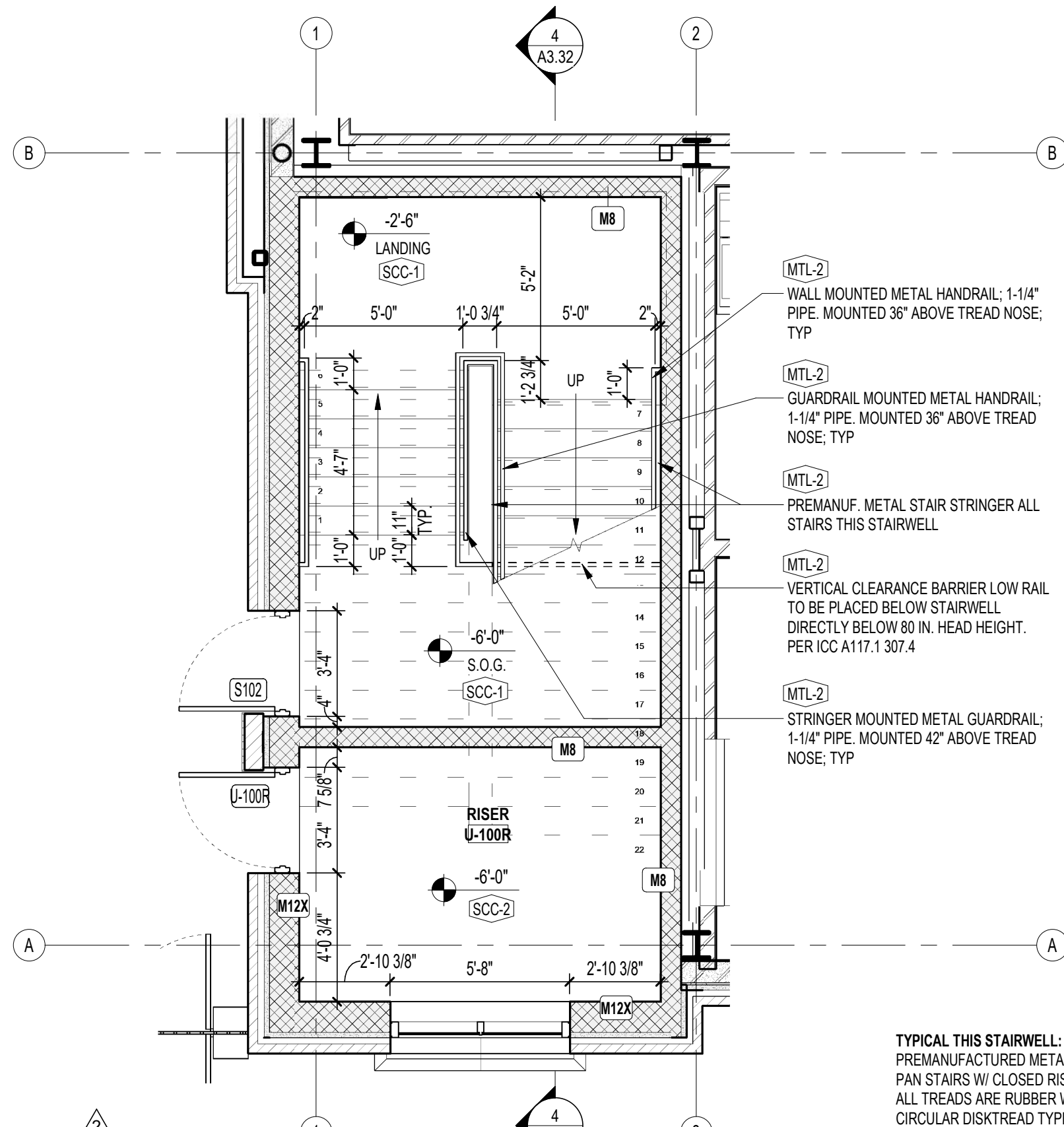
5 STAIR #2 - LEVEL 3
A3.32 1/4" = 1'-0"



3 STAIR #2 - LEVEL 2
A3.32 1/4" = 1'-0"

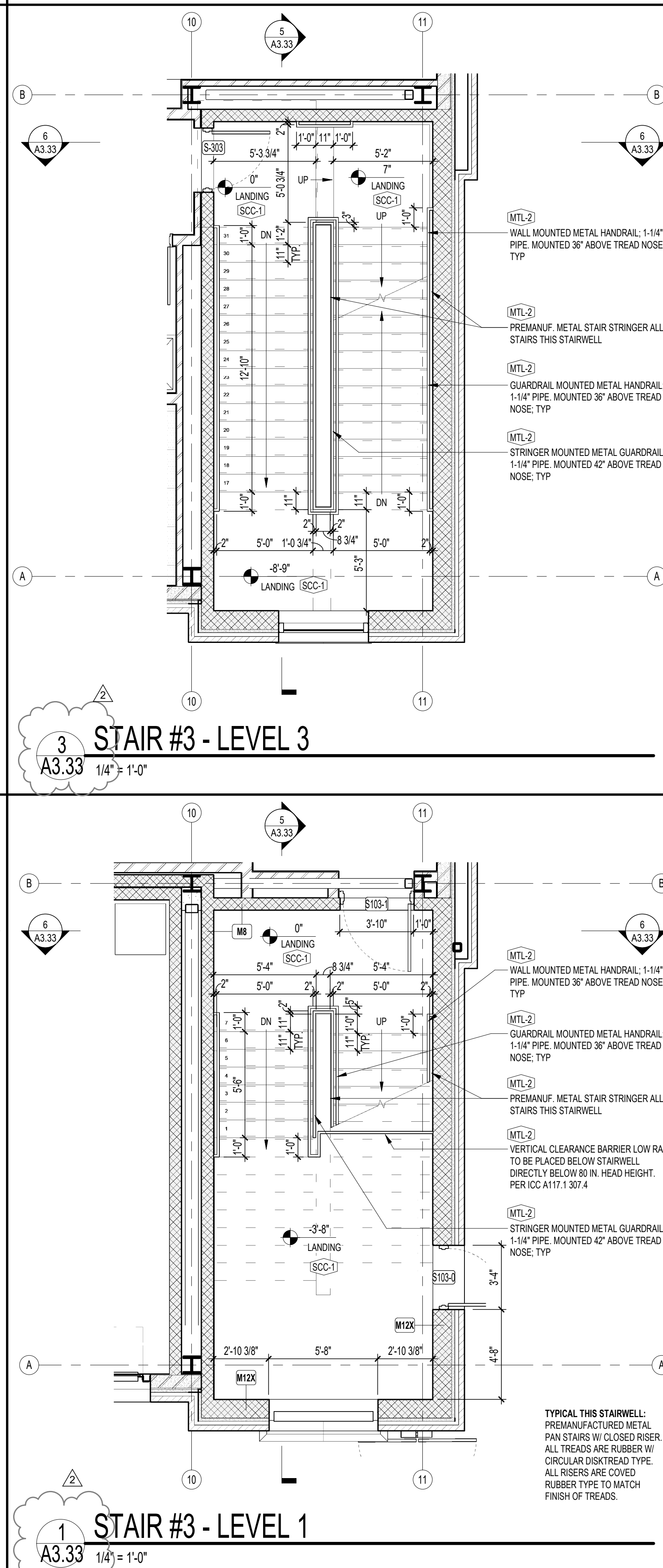
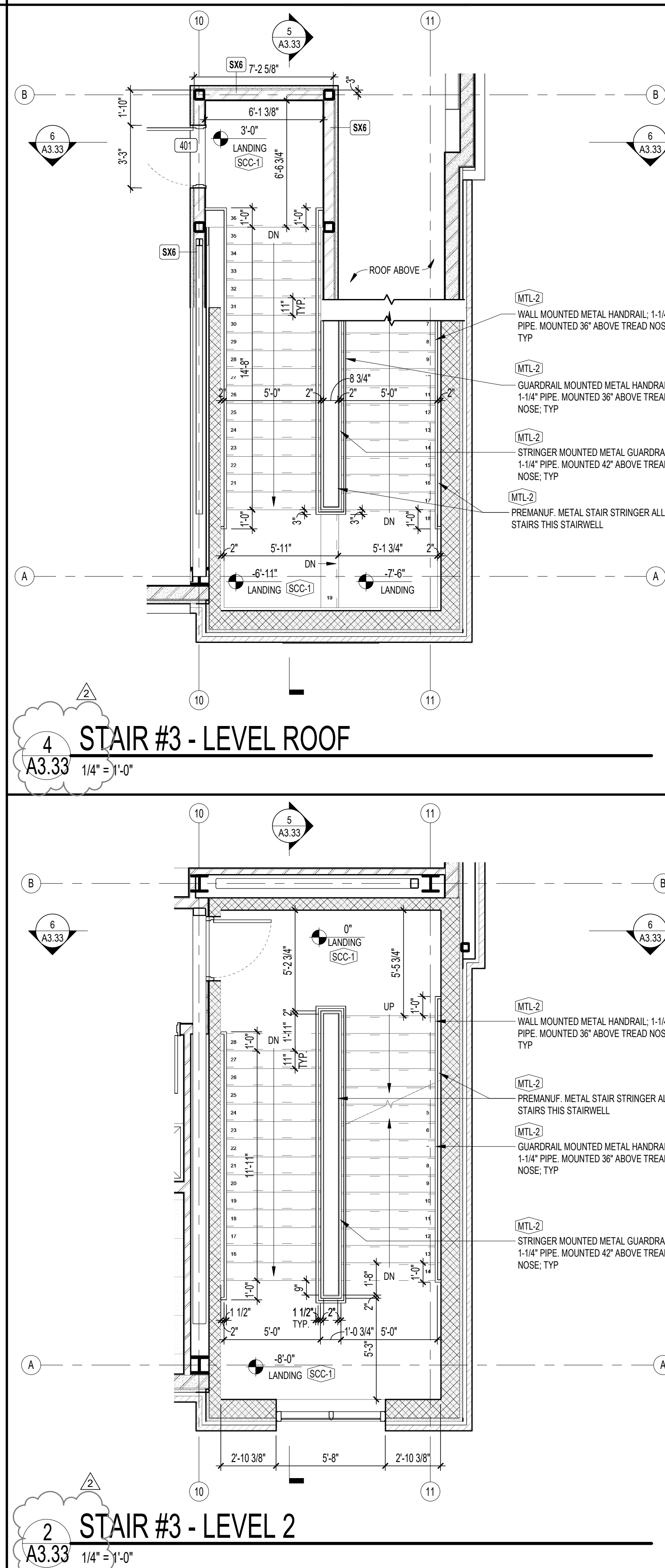
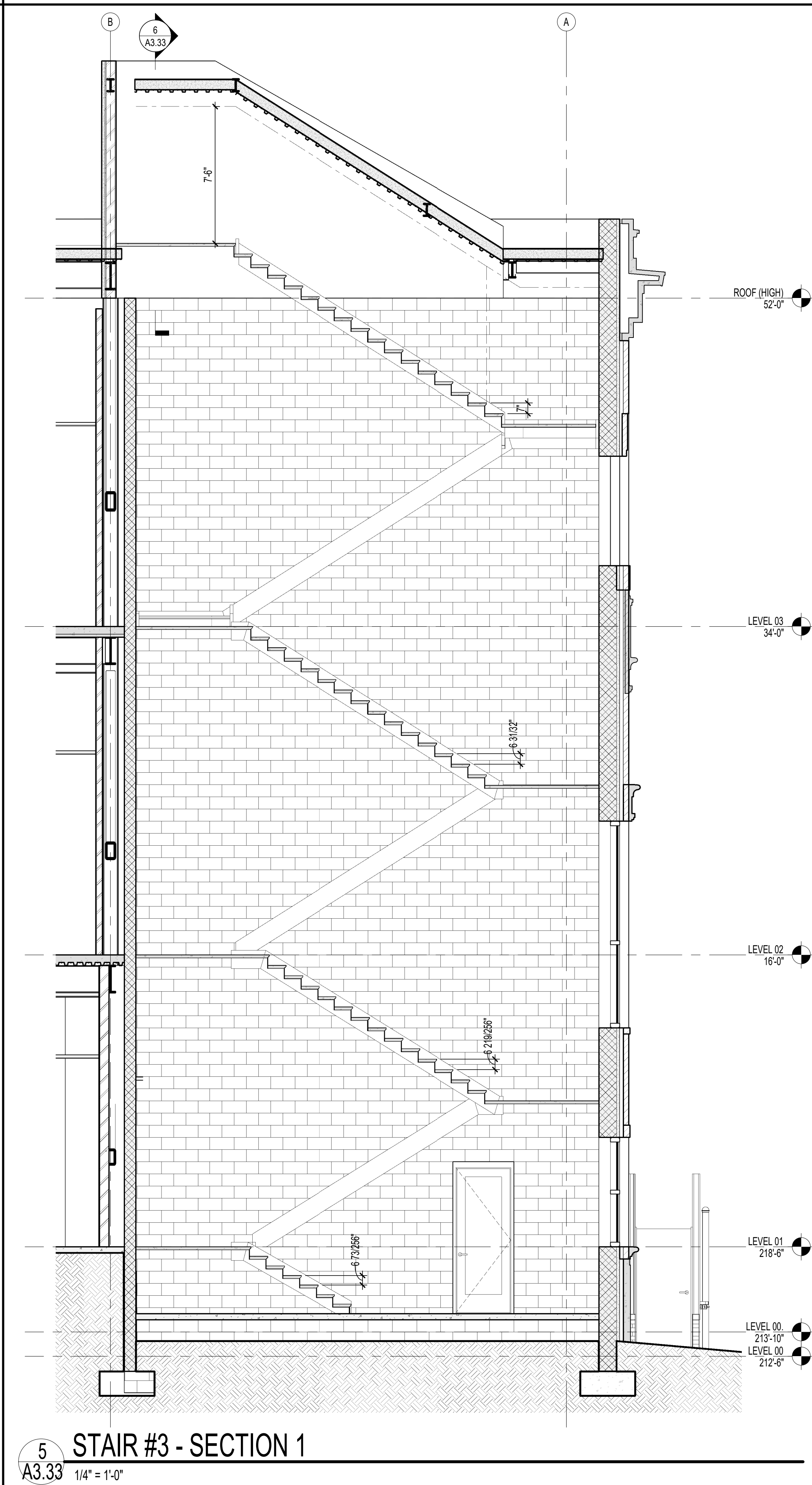
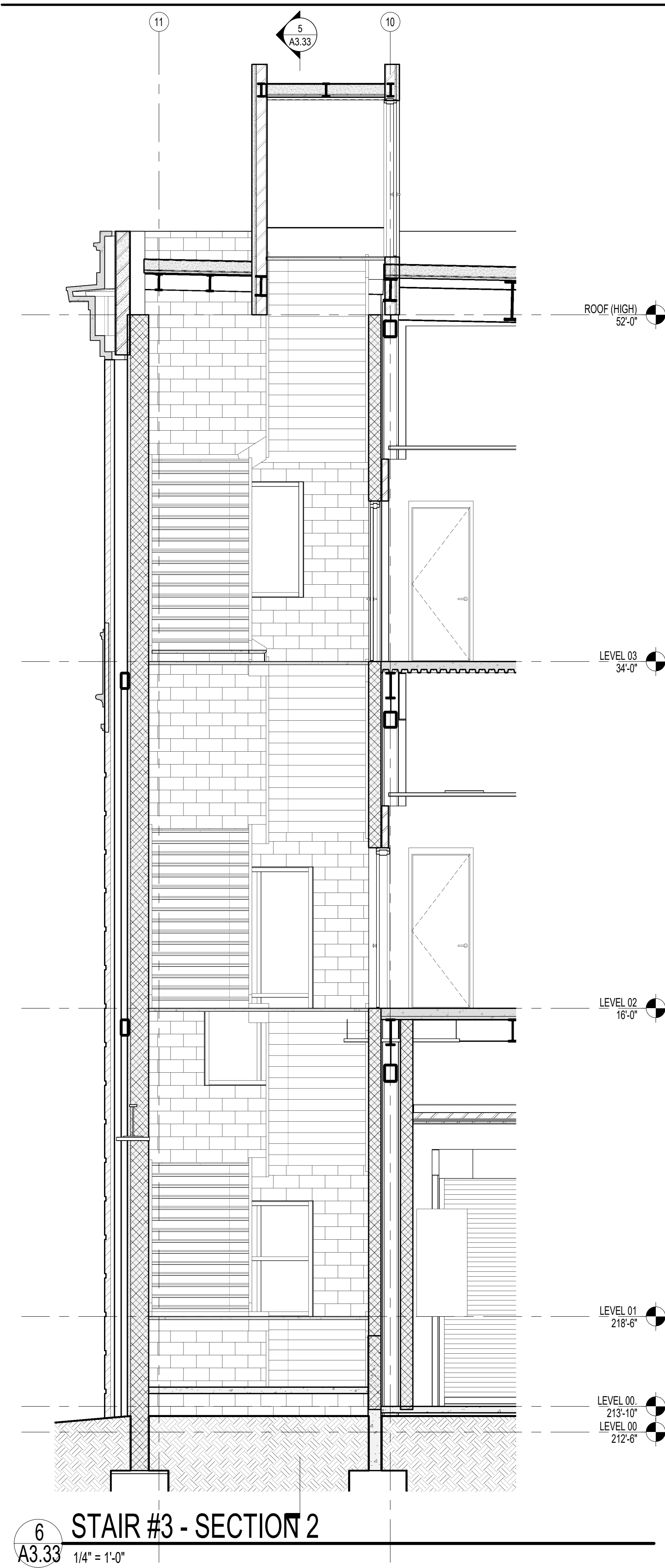


2 STAIR #2 - LEVEL 1
A3.32 1/4" = 1'-0"



RAILING NOTES

1. ALL STAIR RAILING AND VERTICAL CLEARANCE BARRIER SHALL COMPLY WITH APPLICABLE NCSCC AND ACCESSIBILITY CODES.
2. ALL COMPONENTS SHALL BE TUBE STEEL, PRIME AND PAINTED COLOR AS SELECTED BY ARCHITECT.
3. ALL FITTINGS SHALL BE WELDED. GRIND ALL WELDS SMOOTH, PRIME AND PAINT.
4. GUARDRAILS SHALL BE 1 1/2" DIAMETER AT 42" ABOVE FINISHED SURFACE.
5. HANDRAILS SHALL BE 1 1/2" DIAMETER AT 36" ABOVE FINISHED SURFACE WITH MOUNTING BRACKETS PER MANUFACTURER AND AT EACH POST ALONG GUARDRAIL.
6. HANDRAILS AT THE TOP OF STAIRS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12 INCHES MINIMUM BEGINNING DIRECTLY ABOVE THE LANDING NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD OR FLOOR.
7. HANDRAILS AT THE BOTTOM OF STAIRS SHALL EXTEND AT THE SLOPE OF THE STAIR FOR A DISTANCE EQUAL TO ONE TREAD DEPTH BEYOND THE BOTTOM TREAD NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD OR FLOOR.
8. VERTICAL CLEARANCE BARRIER SHALL BE REMOVABLE.
9. FURNISH AND INSTALL ALL COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION.

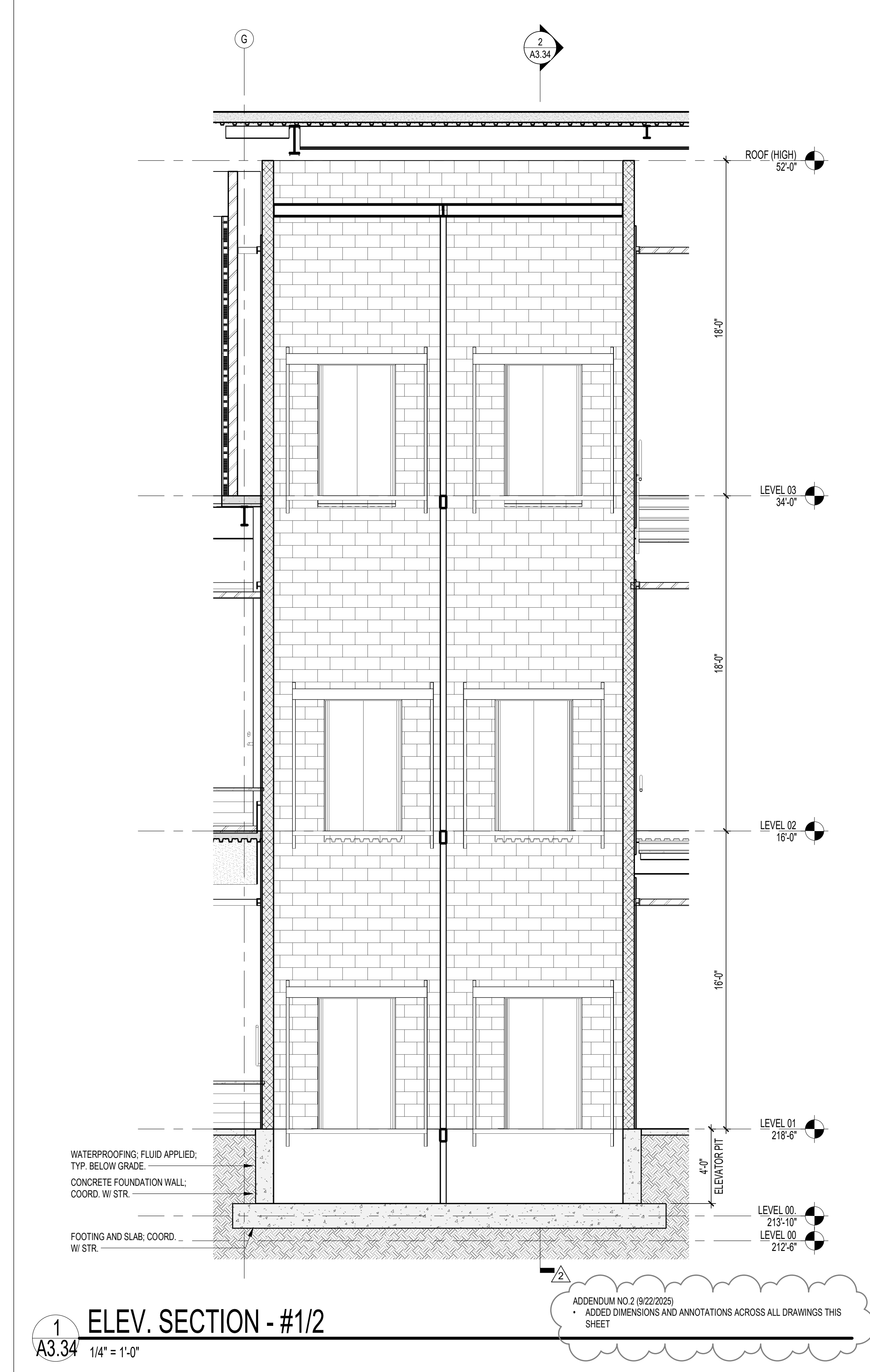
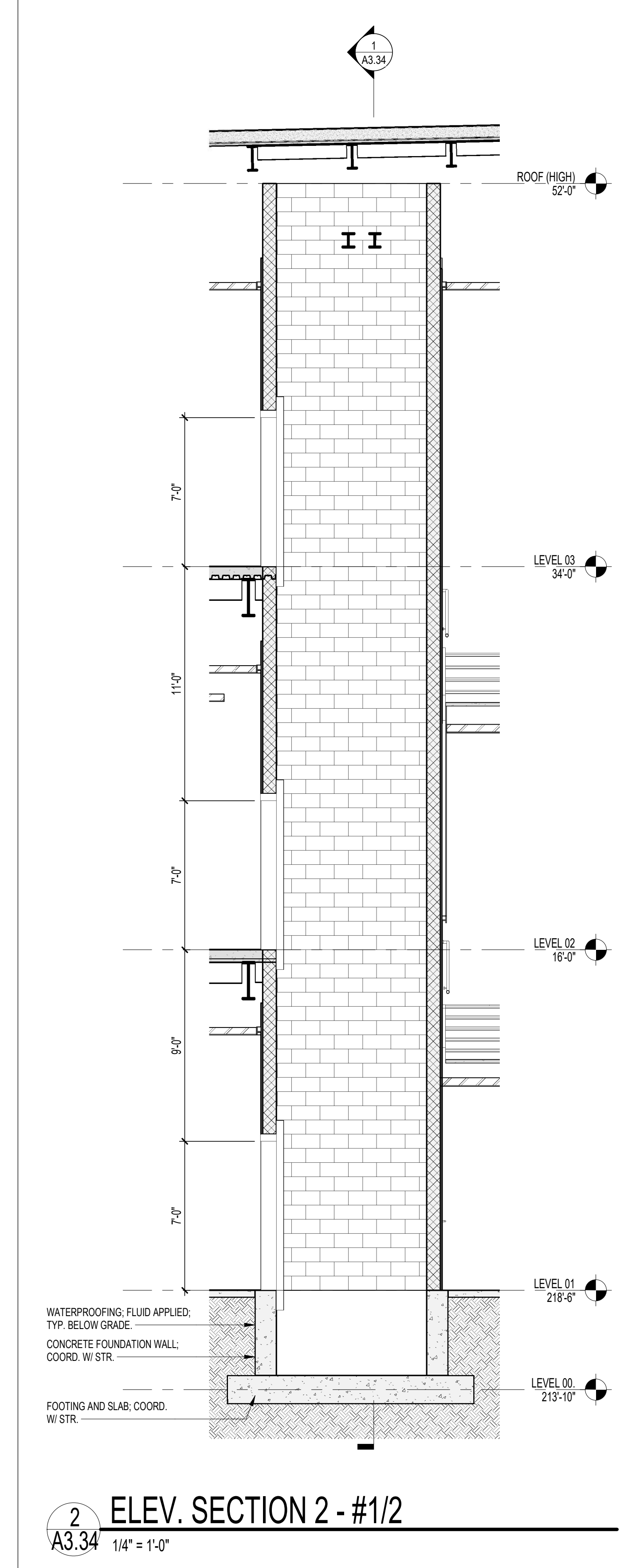
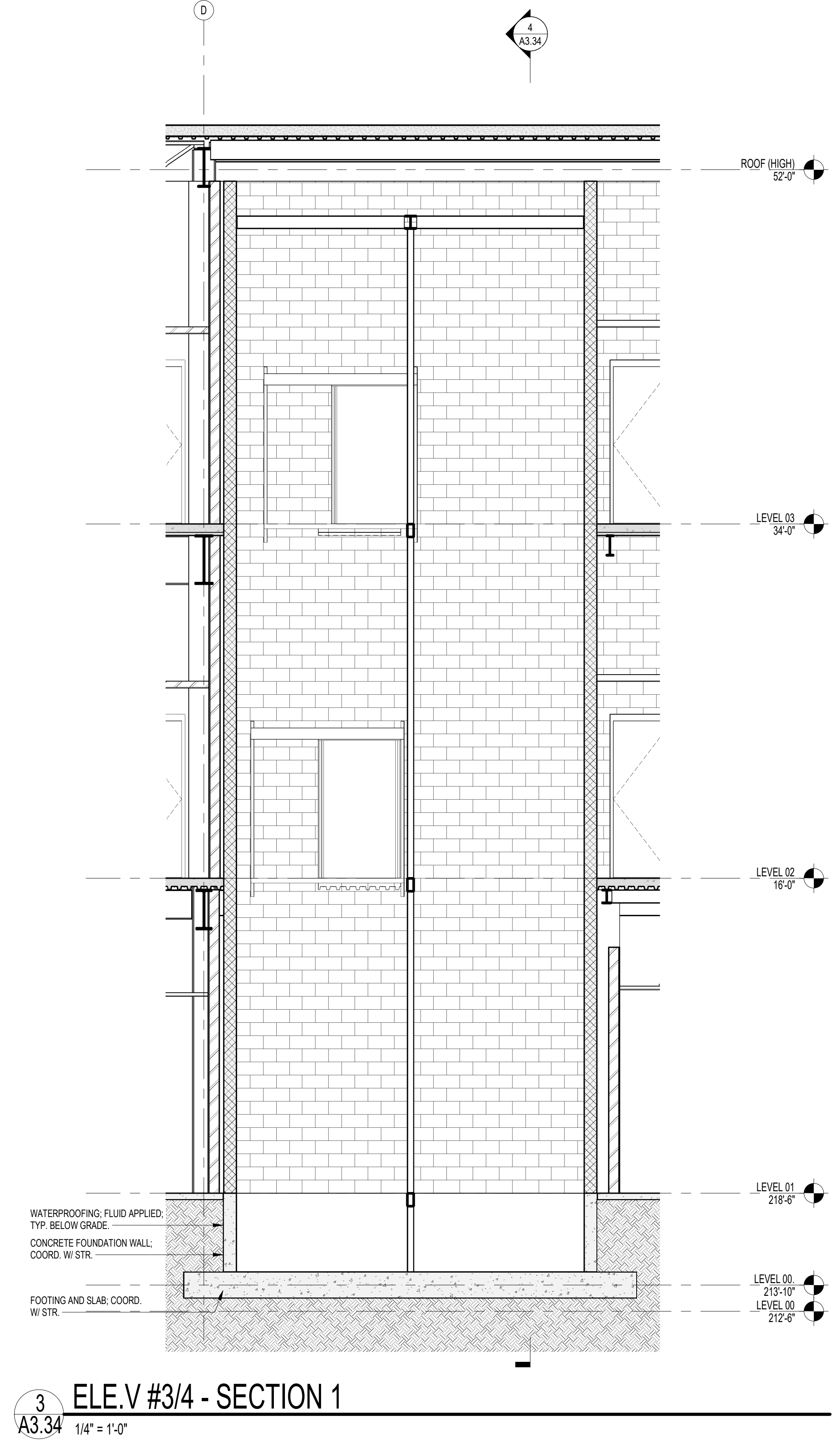
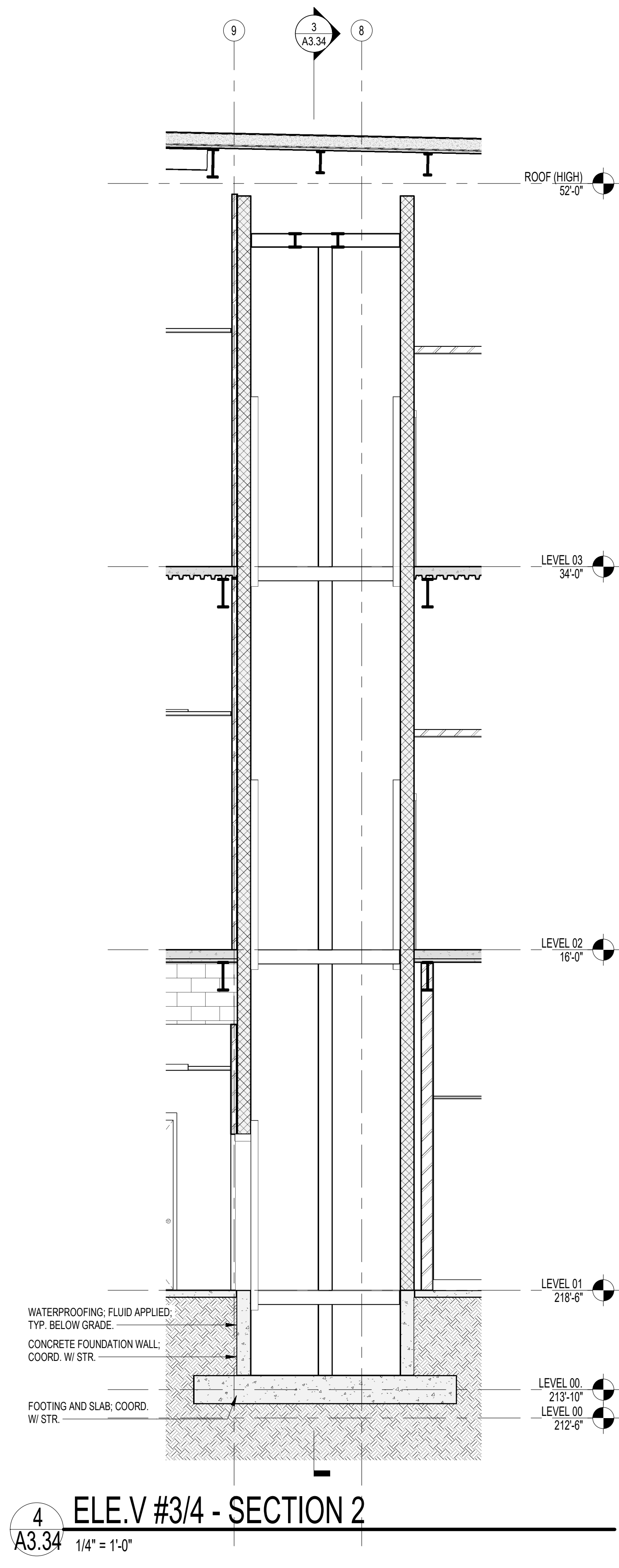
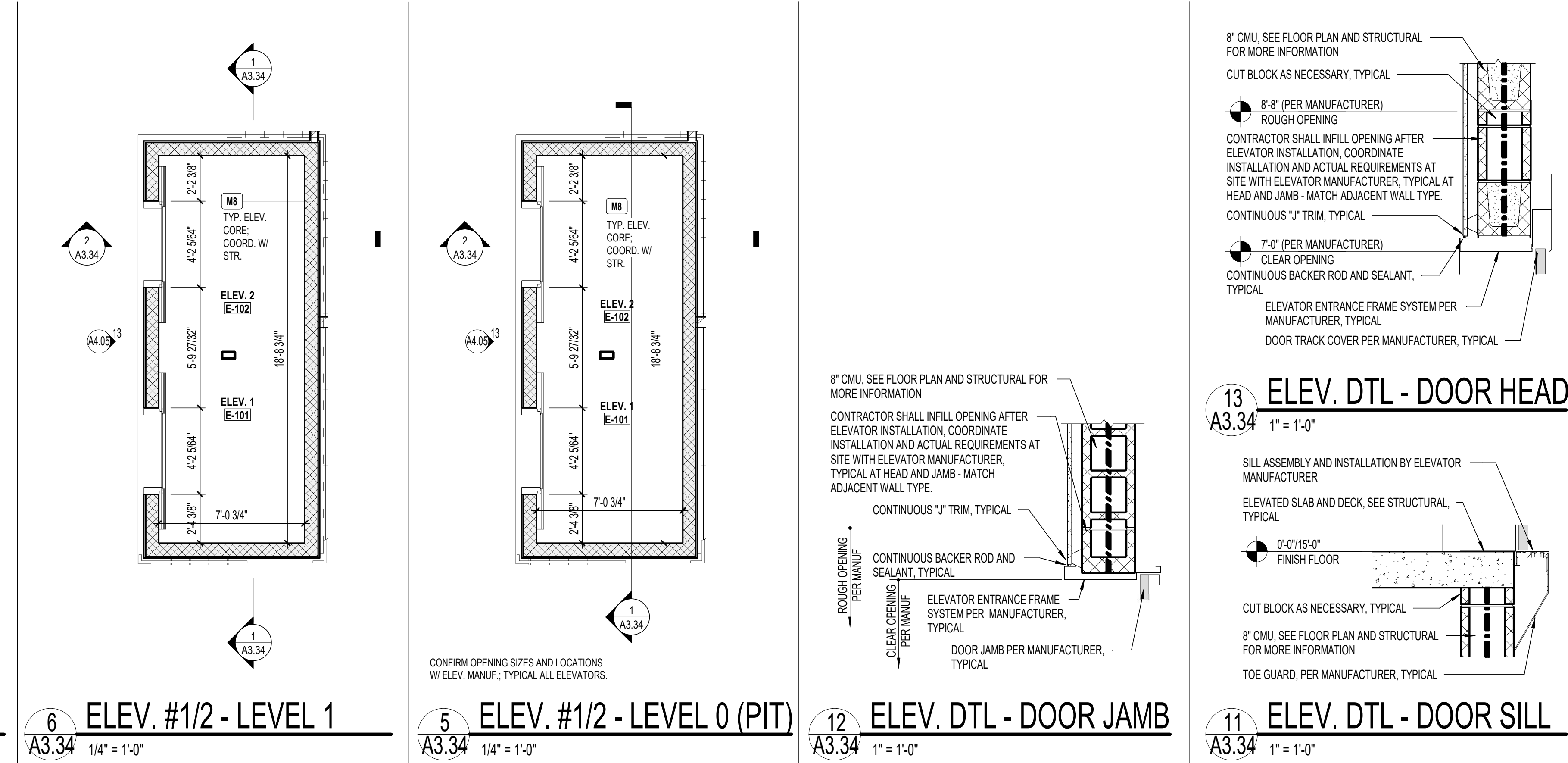
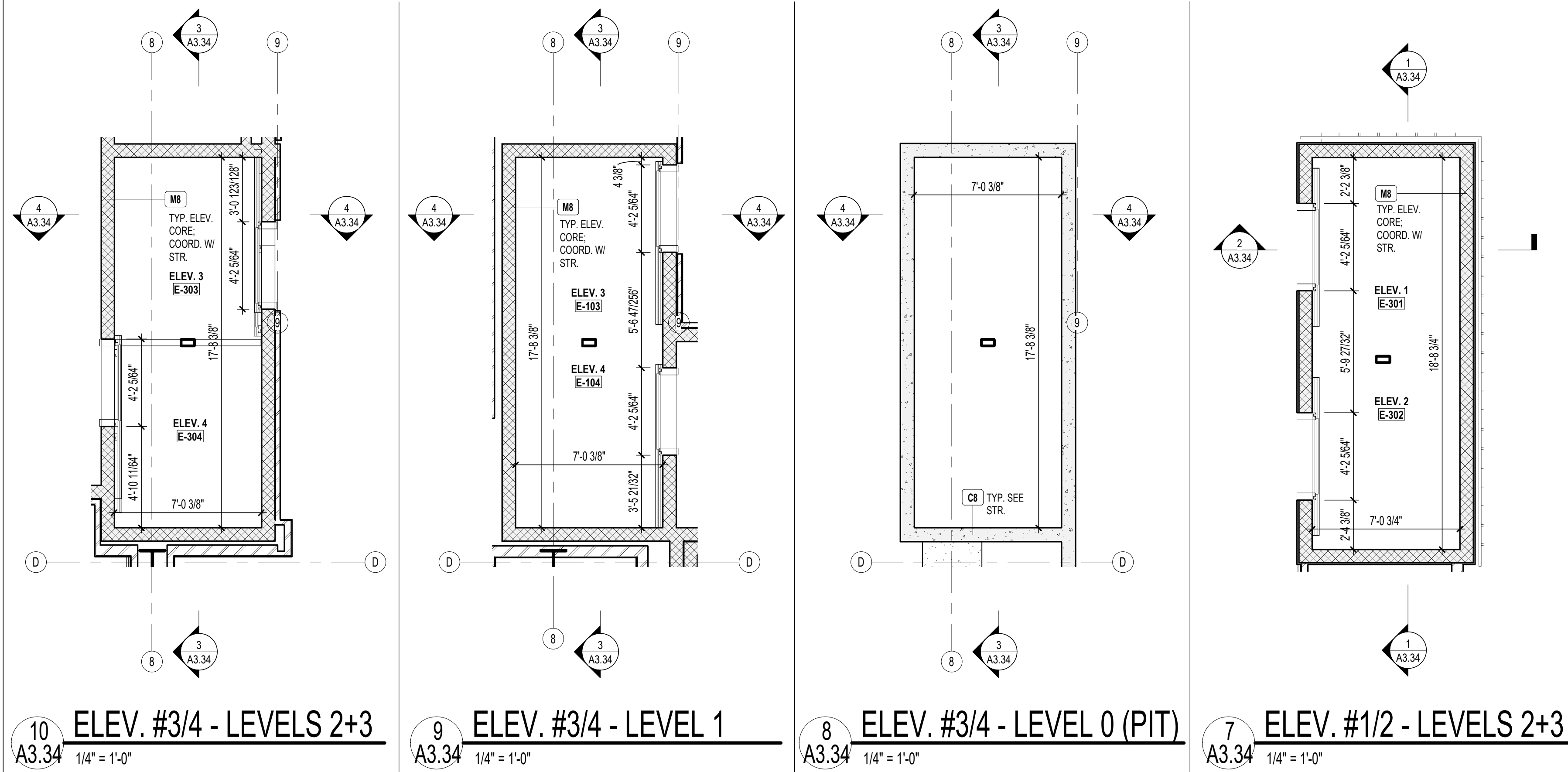


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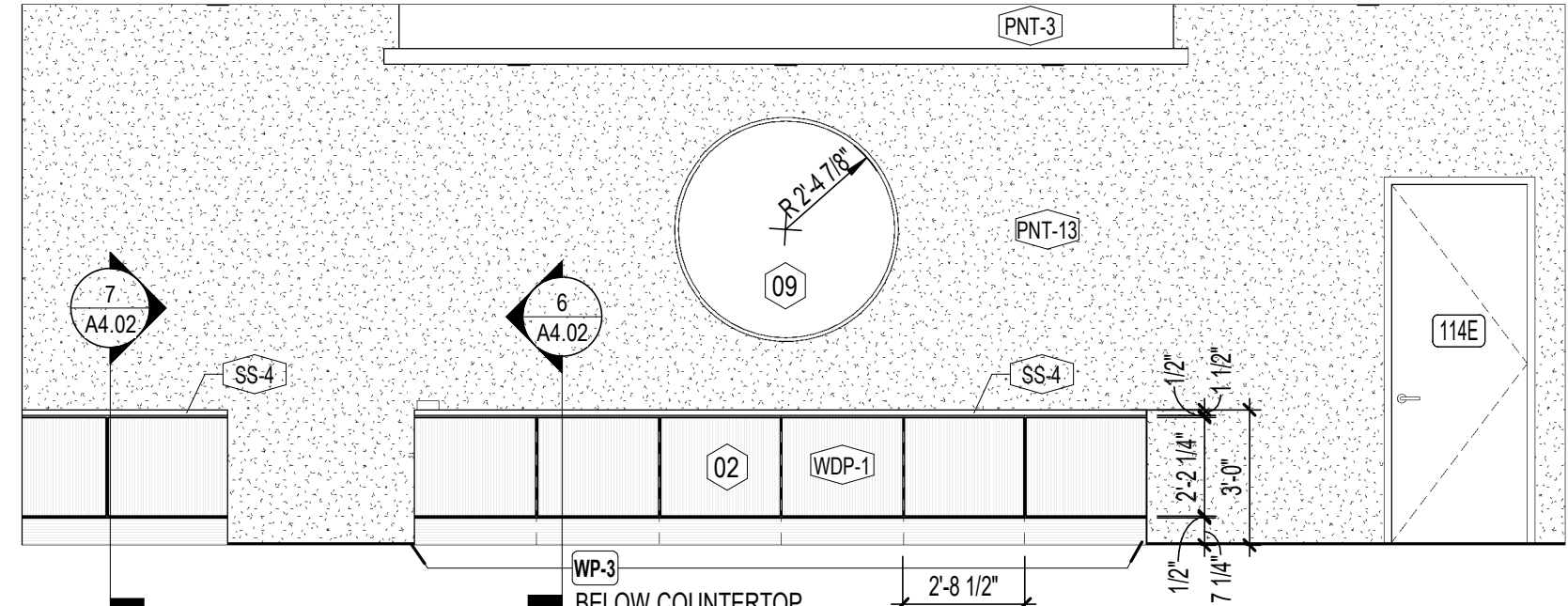
ADDENDUM NO. 2 (9/22/2025)

- ADDED ADDITIONAL ANNOTATION, DIMENSIONS, AND DETAILS TO THIS SHEET.

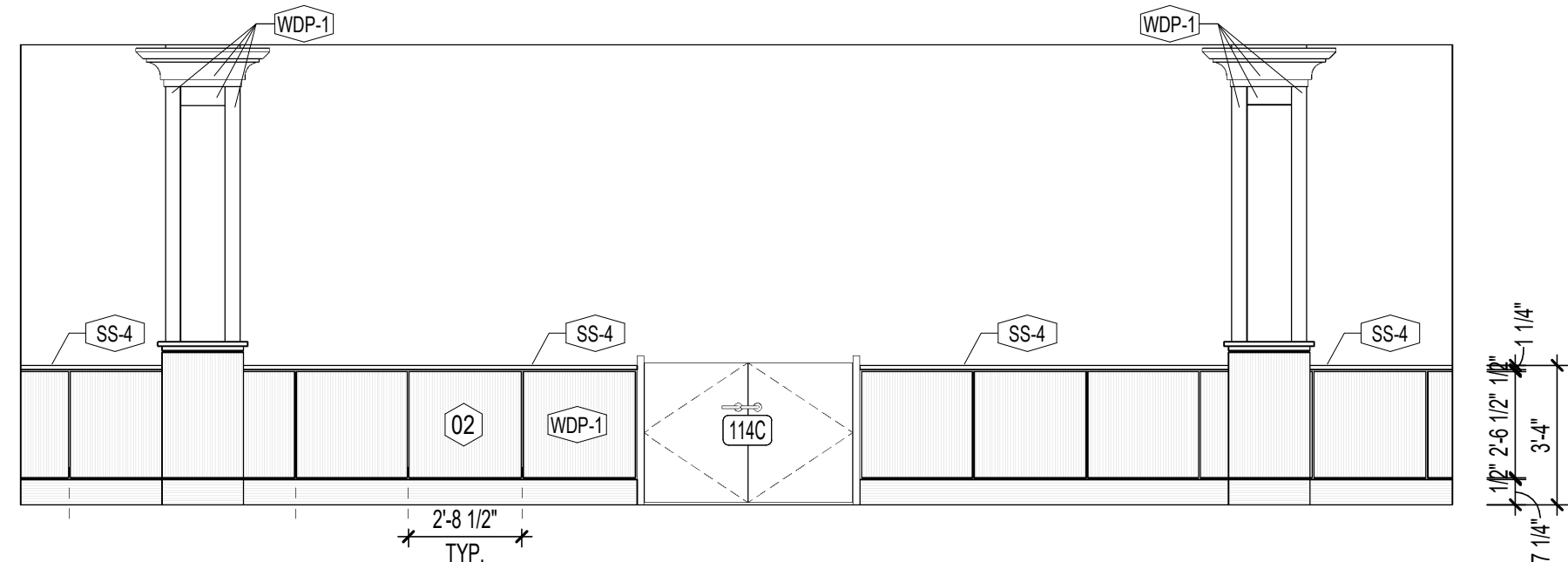
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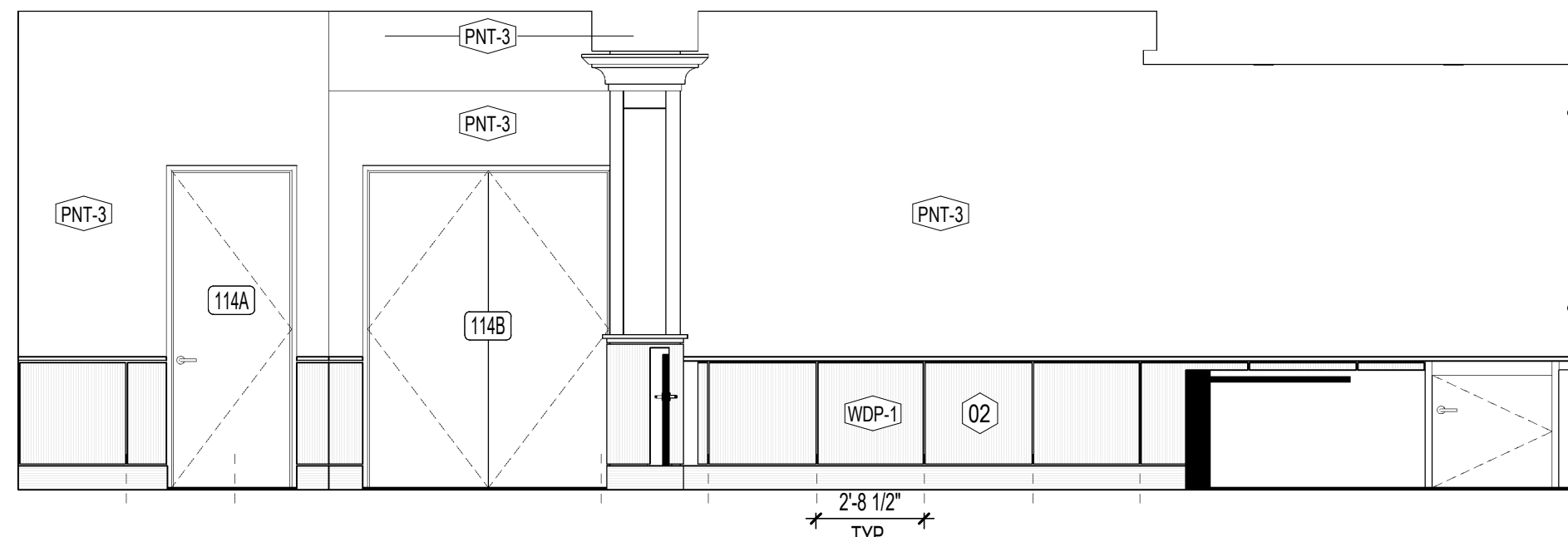
ADDITIONAL NO. 2 (8/22/2025)
ADDED DIMENSIONS AND ANNOTATIONS ACROSS ALL DRAWINGS THIS SHEET



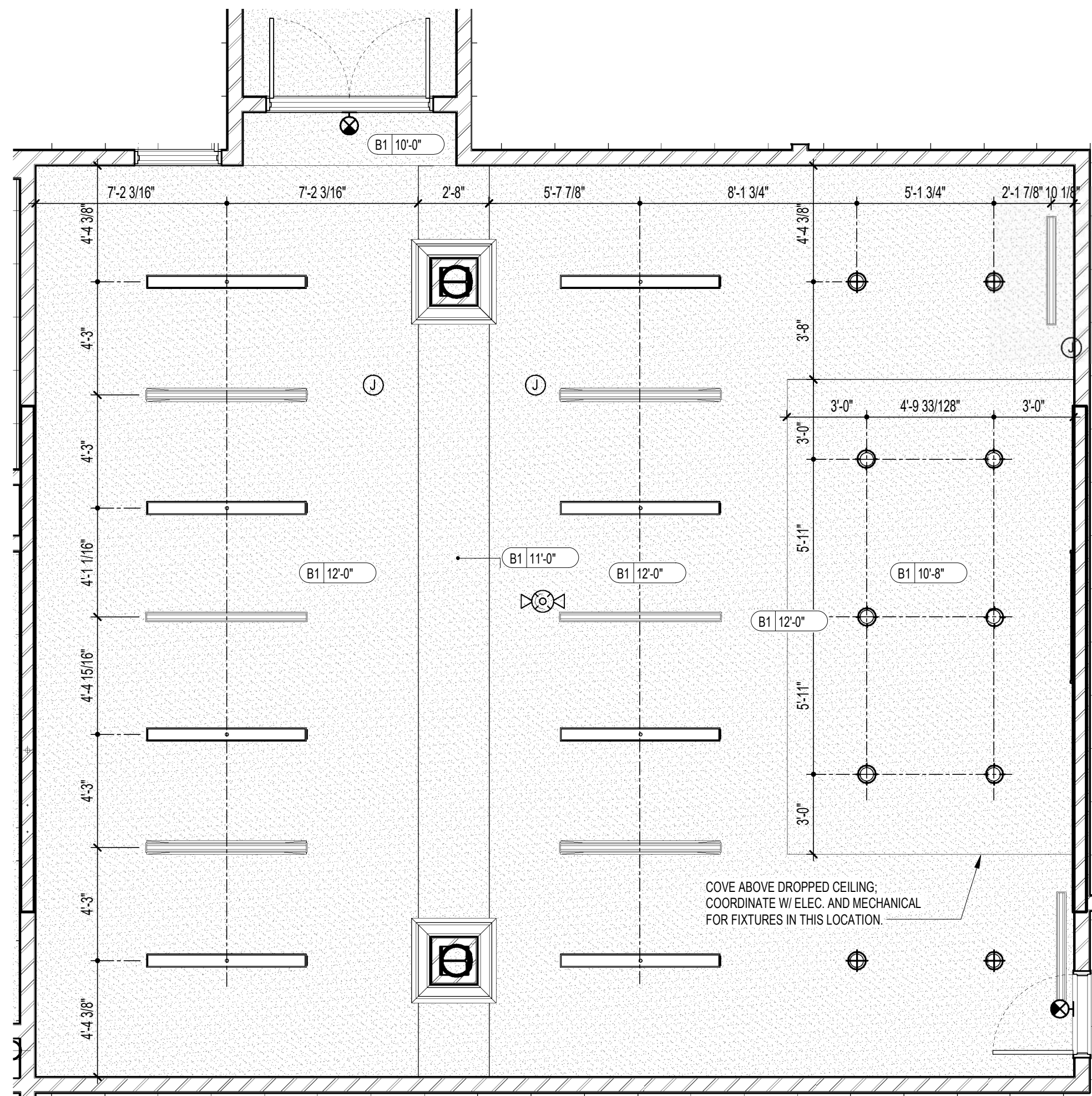
8 RM 114 ELEV. - JUDGE/WITNESS BENCH
A4.02 1/4" = 1'-0"



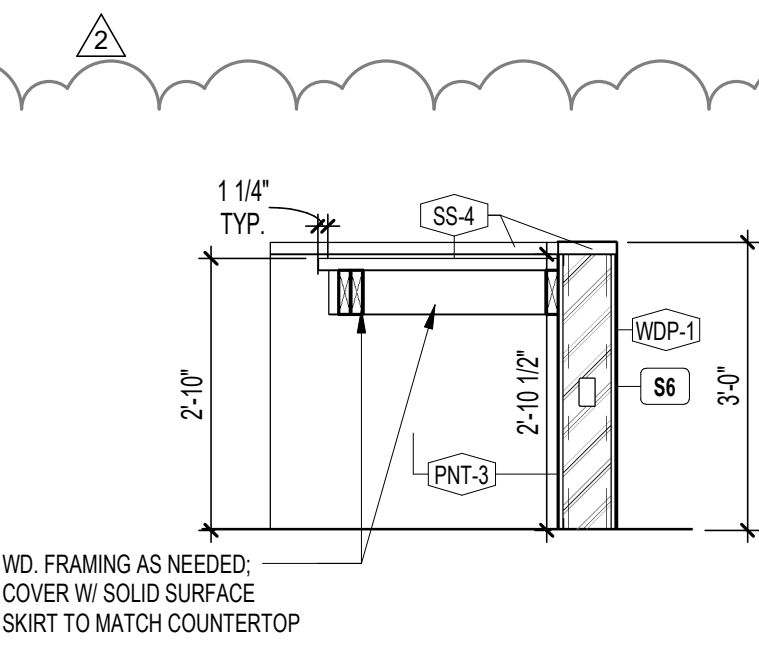
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A4.02 1/4" = 1'-0"



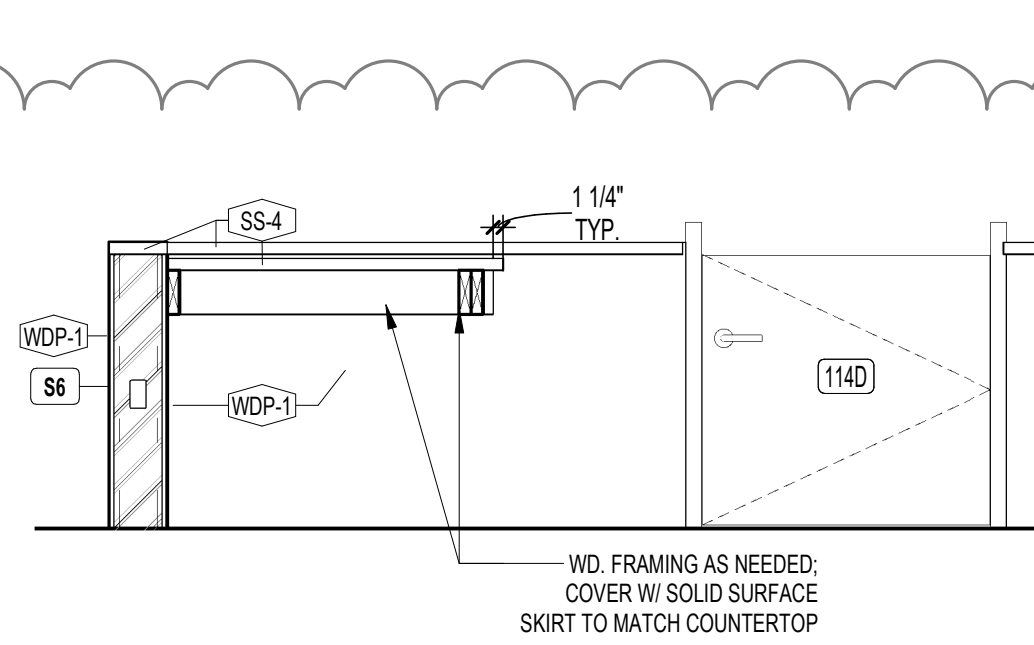
4 RM 114 ELEV. - NORTH WALL 2
A4.02 1/4" = 1'-0"



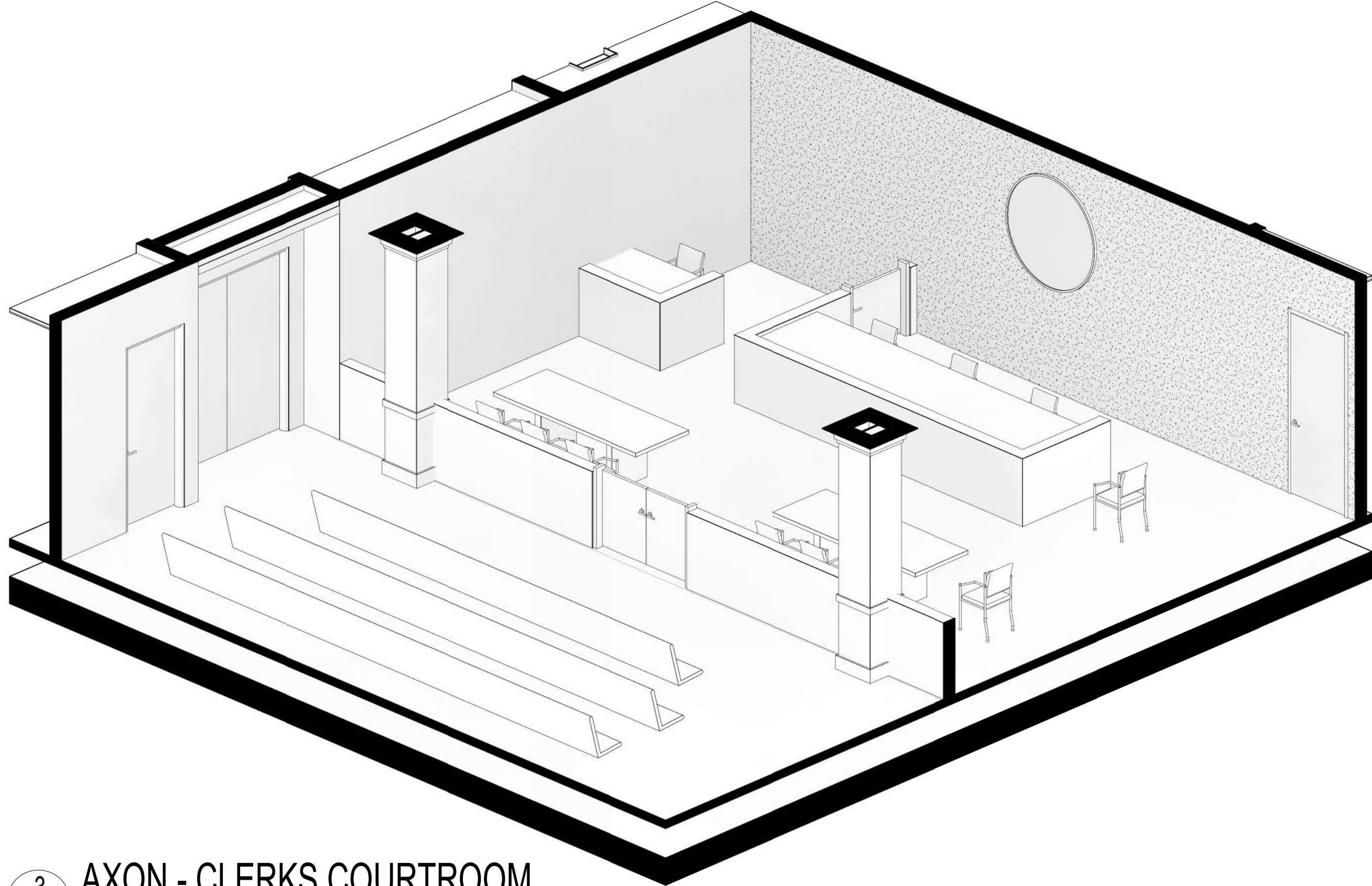
2 ENLARGED RCP - CLERKS COURTROOM
A4.02 1/4" = 1'-0"



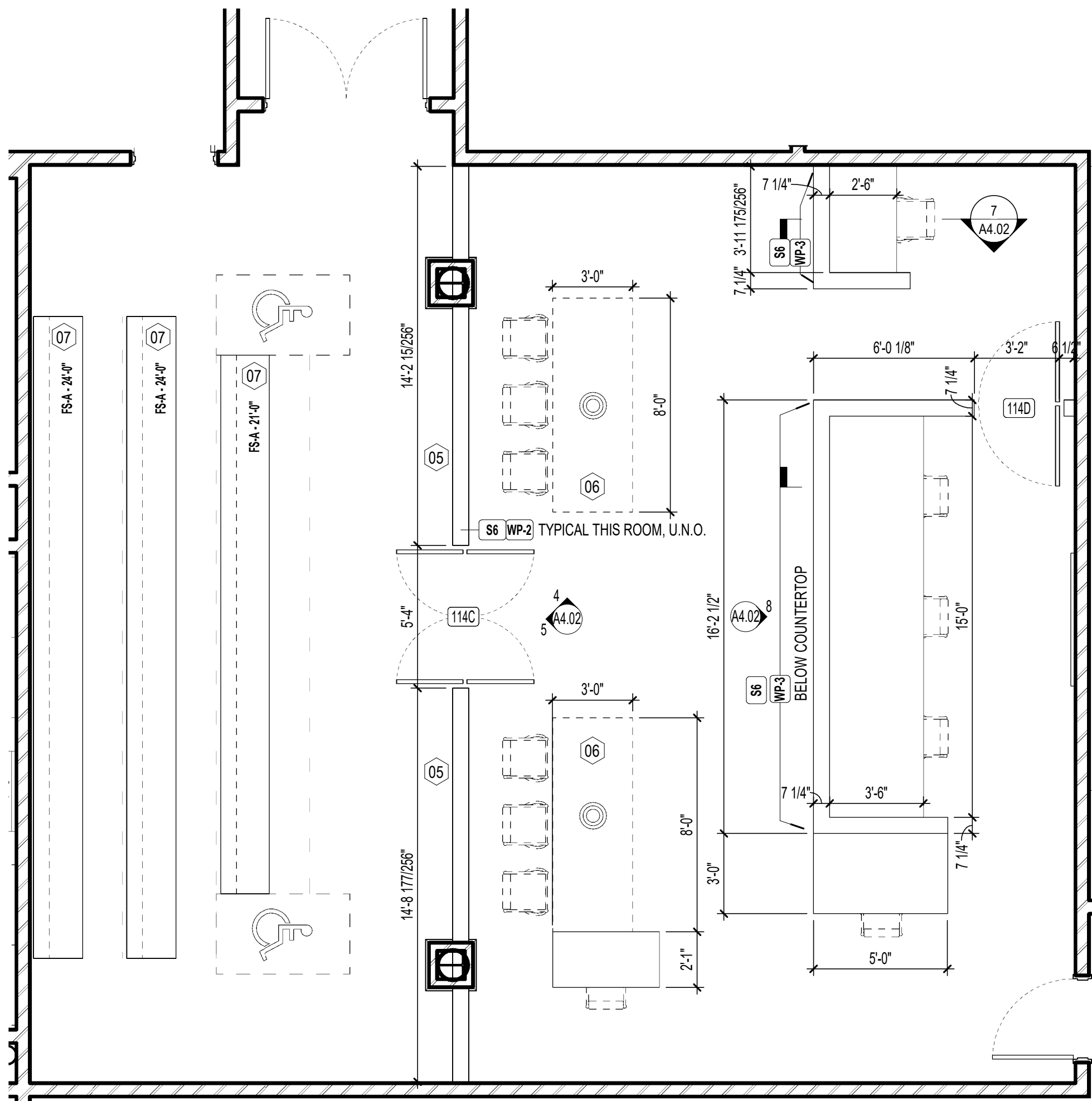
7 RM 114 SECT. (WITNESS STAND)
A4.02 1/2" = 1'-0"



6 RM 114 SECTION (JUDGE'S BENCH)
A4.02 1/2" = 1'-0"



3 AXON - CLERKS COURTROOM
A4.02



1 RM 114 PLAN - CLERK'S COURTROOM
A4.02 1/4" = 1'-0"

GENERAL NOTES

- DIMENSIONS ARE FROM:
A. EXTERIOR METAL STUD WALLS: EXT. SHEATHING
B. CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
C. INTERIOR WALLS TO FACE OF STUD
D. CURTAIN WALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO
E. DOOR/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
F. DOOR/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING
G. "X" F DENOTES DIMENSION FROM FINISH
H. "F" DENOTES DIMENSION FROM FINISH TO FINISH
I. "F" DENOTES DIMENSION FROM FINISH TO FINISH
- VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
- COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
- OBTAIN ALL PERMITS REQUIRED.
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

PLAN NOTES

- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS, TYPICAL.
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS.
- INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS.
- INTERIOR WALLS ARE ASSUMED TO BE 6" COLD-FORMED METAL STUDS, U.N.O.
- EXTERIOR STUD WALLS ARE TO BE 8" COLD-FORMED METAL STUDS, U.N.O.

FRAMING NOTES - METAL STUD

- TRUSSES SHALL BE DESIGNED BY THE TRUSS MANUFACTURER. PROVIDE SEALED SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. TRUSS PROFILES AS SHOWN ON DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY.
- MECHANICAL EQUIPMENT LOCATIONS AND DESIGN WEIGHTS SHALL BE DETERMINED AT SITE. ACTUAL WEIGHTS, LOCATIONS AND FRAMING REQUIREMENTS SHALL BE INCORPORATED INTO DESIGN OF FRAMING AND TRUSSES PRIOR TO START OF WORK.
- ALL EXTERIOR WALLS SHALL BE 6" 18 GAGE STUDS AT 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS.
- DIMENSIONS ON FRAMING PLAN ARE FROM FACE OF EXTERIOR STUDS TO CENTERLINE OF TRUSS. CENTERLINE TO CENTERLINE OF TRUSS UNLESS NOTED OTHERWISE.
- PROVIDE AND INSTALL TRUSS BRIDGING PER TRUSS MANUFACTURER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY BRACING AND SUPPORTS FOR SAFE AND PROPER INSTALLATION OF TRUSSES AS SPECIFIED BY THE TRUSS MANUFACTURER.
- ALL CONNECTORS SHALL BE DESIGNED BY THE TRUSS MANUFACTURER AND SHALL BE INCLUDED IN THE SEALED SHOP DRAWINGS FOR REVIEW.
- ALL WALLS SHALL HAVE HORIZONTAL BRIDGING AT NOT LESS THAN 48" O.C. VERTICAL.
- ALL INTERIOR WALLS SHALL BE 3" 36" 14 GAGE STEEL STUDS AT 16" O.C. WITH HORIZONTAL BRIDGING AT 48" O.C. MAXIMUM VERTICAL AT LOAD BEARING INTERIOR WALLS.
- GANG STUDS SHALL BE (4) #2 SYP STUDS (SIZE PER WALL) SPIKED TOGETHER WITH 1/2" WALLS AT 12" O.C. MAXIMUM UNLESS NOTED OTHERWISE. GANG STUDS SHALL BE LOCATED UNDER BEARING POINTS OF ALL INTERIOR BEAMS.
- BEAMS BEARING ON GANG STUDS SHALL HAVE FULL BEARING AT EACH END.
- ALL INTERIOR DOOR HEADERS SHALL CONFORM TO HEADER SCHEDULE.

PLANS LEGEND

SYMBOL LEGEND

- S3 WALL TAG: SEE LEGEND (SHEET A0.01)

TAG MARKS

- FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FO ELECTRICAL FLOOR OUTLET
DW DISHWASHER
REF. REFRIGERATOR
TV TELEVISION/RADIO (CENTERED ON WALL U.N.O.)
FS-A FIXED SEATING (TYPE A); REFER TO INTERIOR DETAILS.

CASEWORK LEGEND

*CASEWORK HEIGHT PER INTERIOR ELEVATION.

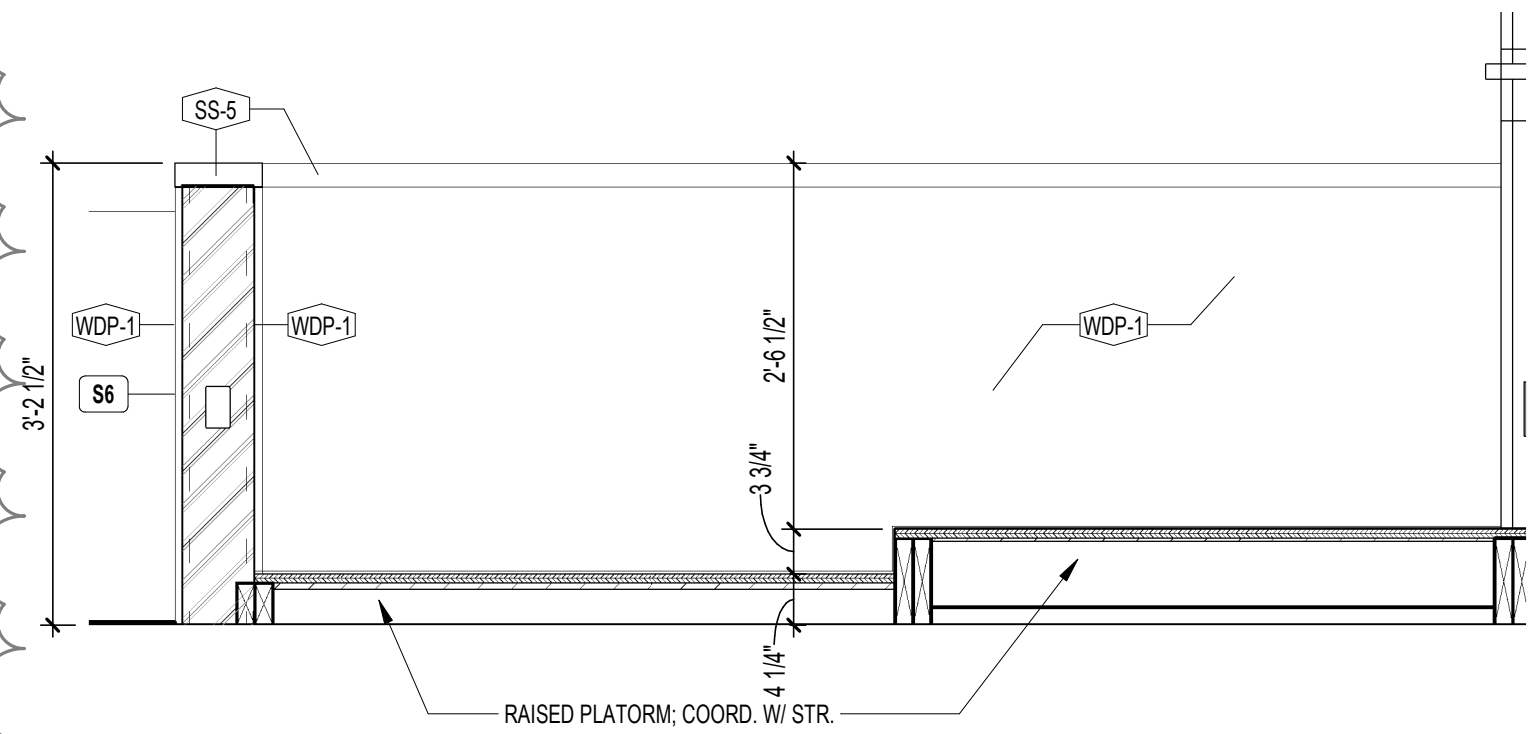
TYPE	DESCRIPTION	TYPE MARK	WIDTH/HEIGHT (INCHES)
B1	BASE ONE DOOR (SWING)	B1####	
B2	BASE TWO DOOR (SWING BOTTOM, PULL TOP)		
B3	BASE SINK		
BHC	BASE WITH ADA ACCESSIBLE WHEELCHAIR FRONT APPROACH		
W1	WALL ONE DOOR (SWING)		
W2	WALL TWO DOOR (SWING)		

CABINETY NOTES

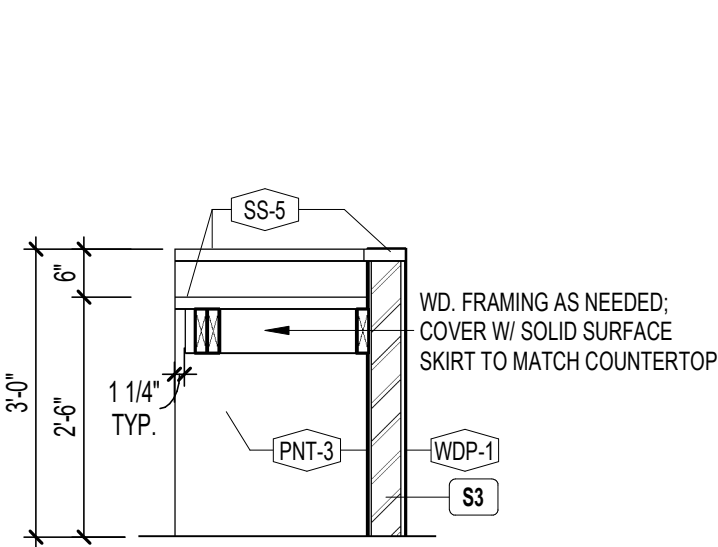
- ALL CASEWORK IS 2" DEEP UNLESS OTHERWISE NOTED.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL EXPOSED SURFACES INCLUDING DOOR AND DRAWER EDGES. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL COUNTER TOPS UNLESS NOTED OTHERWISE. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE MELAMINE FINISH ON ALL INTERIOR SURFACES AS SPECIFIED. COLOR AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE STANDARD WIRE DOOR AND DRAWER PULLS, TYPICAL.
- PROVIDE CONCEALED HINGES FOR ALL DOORS, TYPICAL.
- PROVIDE FULL EXTENSION SLIDES ON ALL DRAWERS.
- PROVIDE 3/4" MELAMINE FINISH ADJUSTABLE SHELVING FOR ALL UPPER AND BASE CABINETS AS INDICATED. TYPICAL. PRE-DRILL HOLES AT 11 1/4" O.C. AND PROVIDE METAL OR POLYCARBONATE SHELF CLIPS.
- PROVIDE 3/4" THICK DRAWER AND DOOR FACES, TYPICAL.
- FIELD VERIFY ALL DIMENSIONS, SQUARE AND PLUMB OF WALLS TO ENSURE PROPER FIT OF ALL CABINETY. TYPICAL.
- SUBMIT SHOP DRAWINGS PER SPECIFICATIONS OF ALL CABINETY AND RELATED ITEMS FOR REVIEW PRIOR TO FABRICATION. TYPICAL.
- FURNISH AND INSTALL ALL BLOCKING AS REQUIRED FOR PROPER INSTALLATION OF ALL CABINETY. COORDINATE INSTALLATION OF BLOCKING WITH CABINET SUPPLIER.
- VERIFY APPLIANCE SIZES WITH MANUFACTURER'S CUT SHEETS.
- PROVIDE FIXED VERTICAL DIVIDER IN CABINET UNITS MORE THAN 36 IN. WIDE.
- PROVIDE 1 ADJUSTABLE SHELF IN BASE CABINETS, UNO.
- PROVIDE 2 ADJUSTABLE SHELVES IN WALL CABINETS, UNLESS TALLER THAN 48 IN. PROVIDE 3 SHELVES.
- PROVIDE 4 ADJUSTABLE SHELVES IN FULL HEIGHT CABINETS, UNO.
- PROVIDE SUPPORT BRACKETS AS REQUIRED/RECOMMENDED BY MANUFACTURER.
- PROVIDE LOCKS ON CASEWORK WHERE NOTED IN ELEVATIONS.

ENLARGED PLAN KEYNOTES

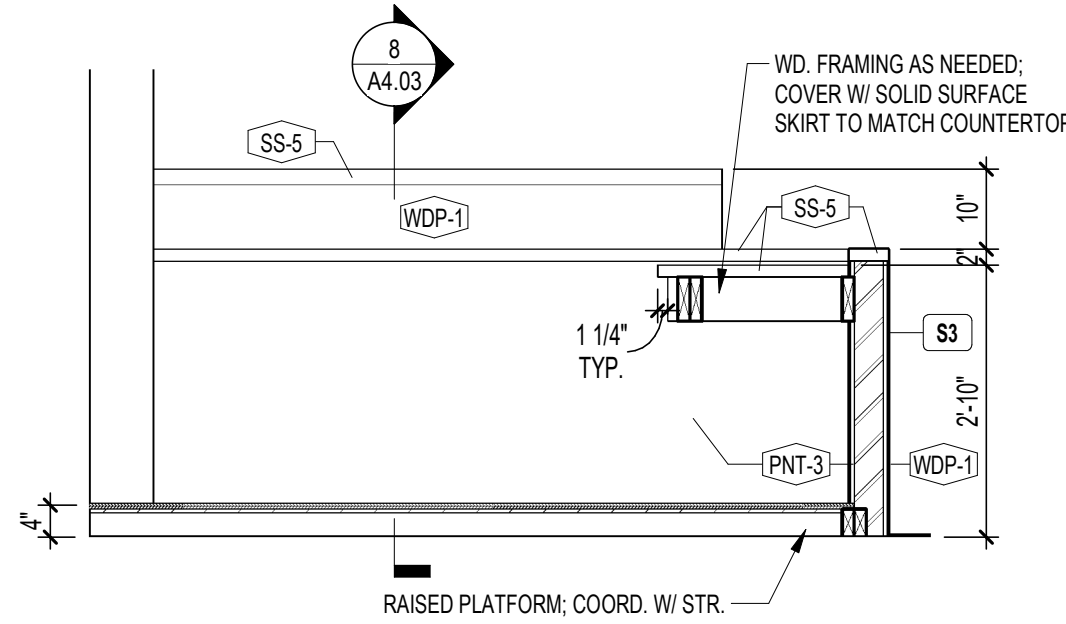
- GYPSUM FLURRED HEADER ABOVE WALL CABINETY; FACE OF GYPSUM FLUSH W/ FACE OF CABINET.
- SIMILAR TO WAINSCOTTING TYPE A REF. INTERIOR DETAILS.
- INTERMITTENT BRACKETS AS NECESSARY. CONCEAL W/ BOSS FRAMING WHERE POSSIBLE.
- OPEN SHELVING
- WDP-1 PANELING SIMILAR TO WAINSCOTTING TYPE A ON ALL HALF WALLS (BOTH SIDES) AND BELOW COUNTER WALLS (SEATING SIDE FACING ONLY) IN COURTROOMS
- SEATING AND TABLES, C.P.C.I.
- FIXED BENCH
- JURY SEATING ON A SWIVEL POST.
- NC JUDICIAL SEAL
- DIGITAL CLOCK; COORD. W/ ELEC.



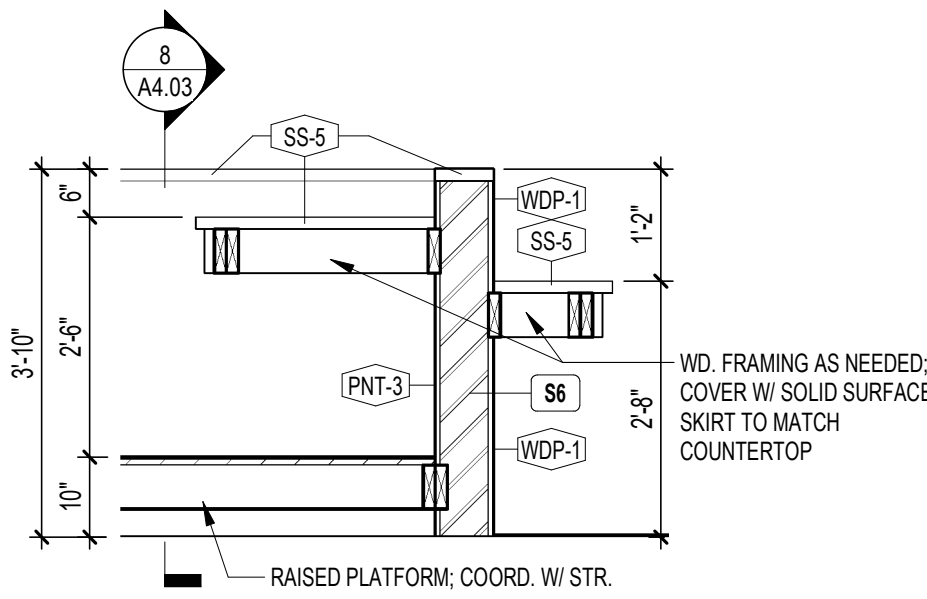
12 RM 206 SECTION (JURY BOX)
A4.03 3/4" = 1'-0"



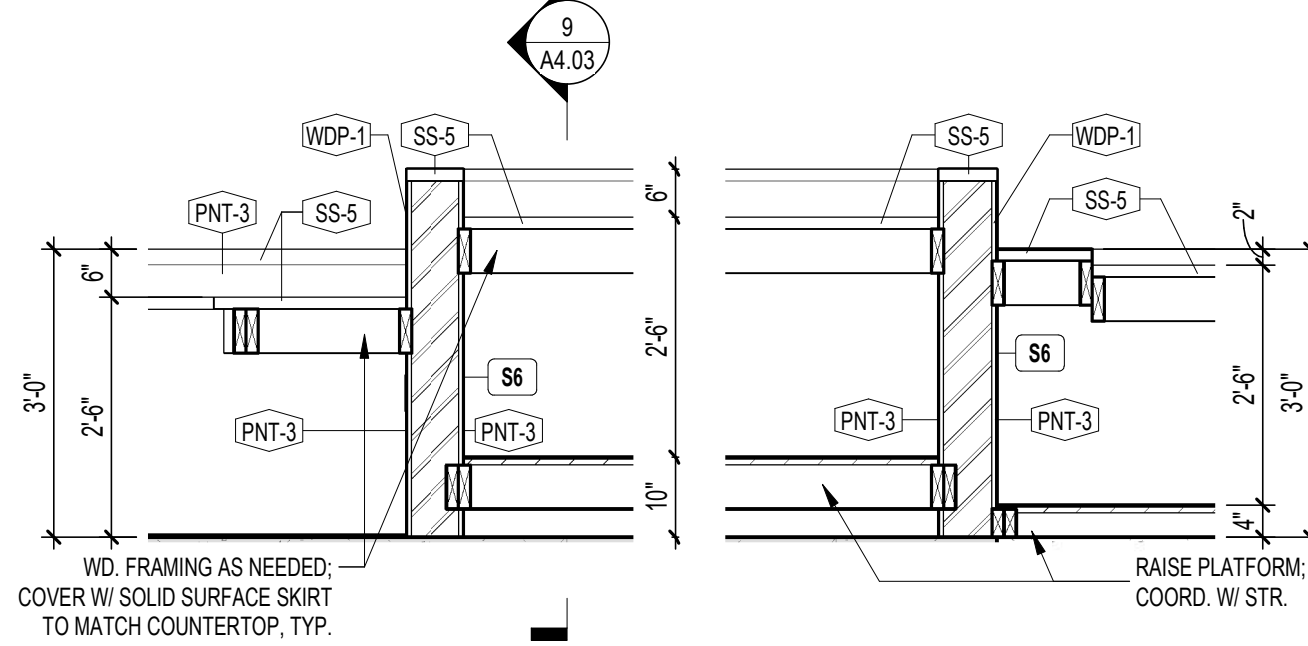
11 RM 206 SECT. (CLERK'S)
A4.03 1/2" = 1'-0"



10 RM 206 SECT. (WITNESS STAND)
A4.03 1/2" = 1'-0"



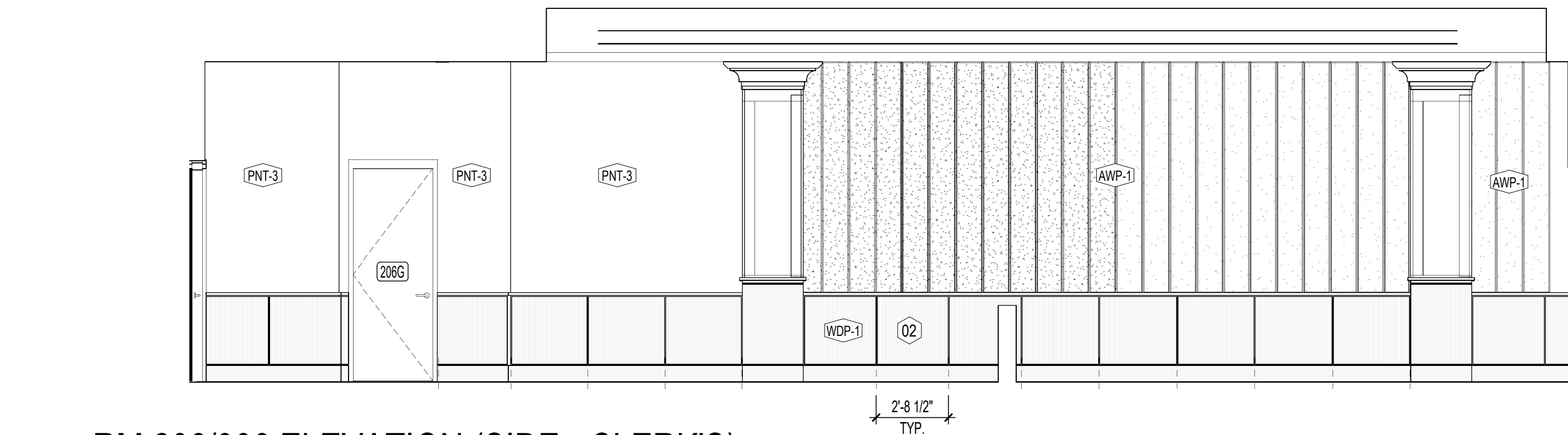
9 RM 206 SECT. (JUDGE'S)
A4.03 1/2" = 1'-0"



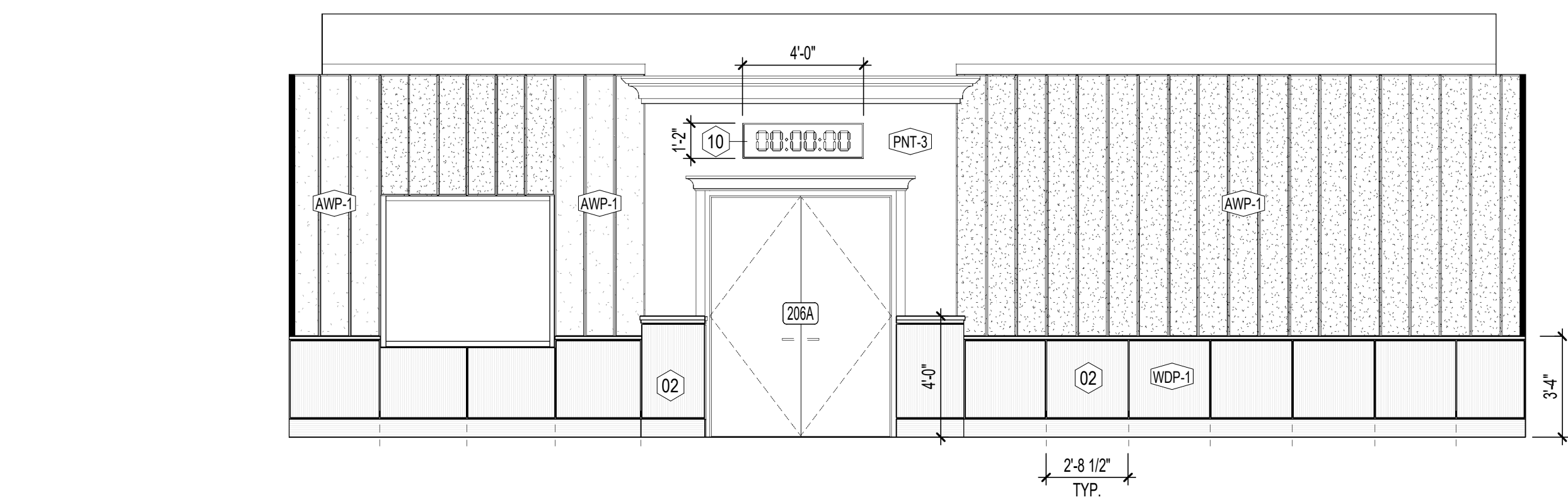
8 RM 206 SECT. (JUDGE'S SIDES)
A4.03 1/2" = 1'-0"



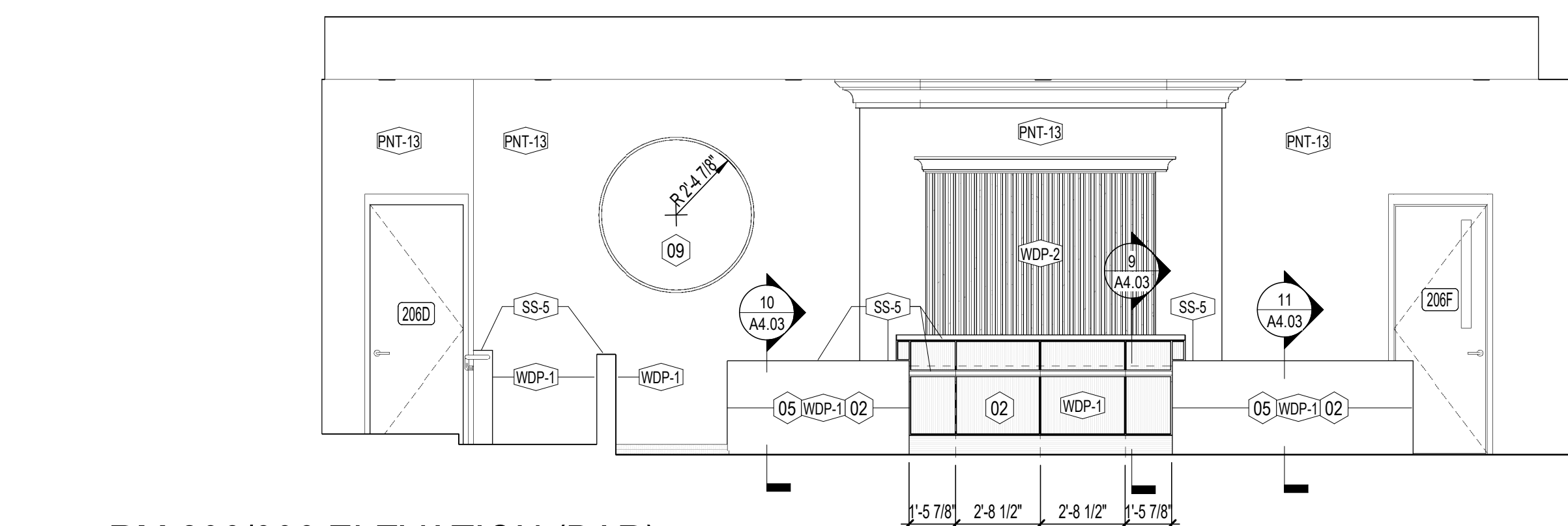
7 RM 206/306 ELEVATION (SIDE JURY)
A4.03 1/4" = 1'-0"



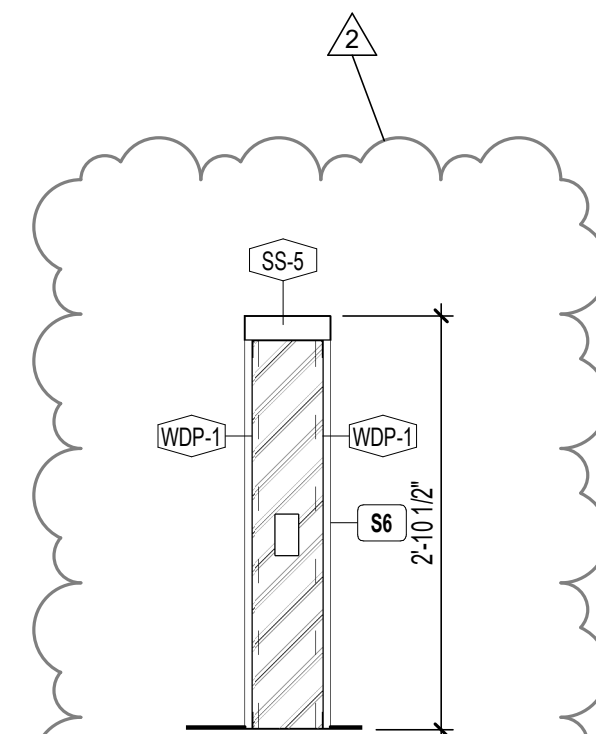
6 RM 206/306 ELEVATION (SIDE - CLERK'S)
A4.03 1/4" = 1'-0"



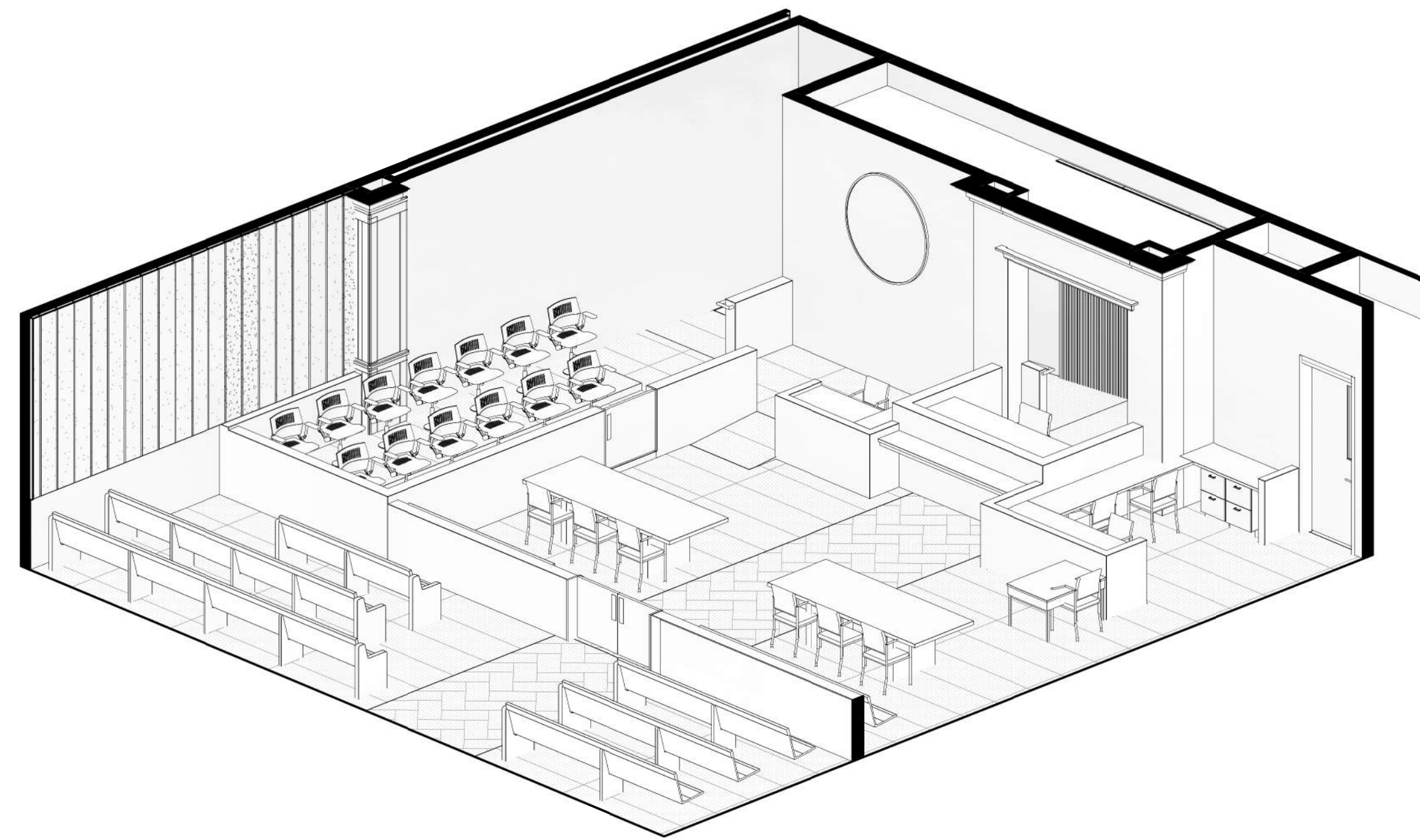
5 RM 206/306 ELEVATION (REAR)
A4.03 1/4" = 1'-0"



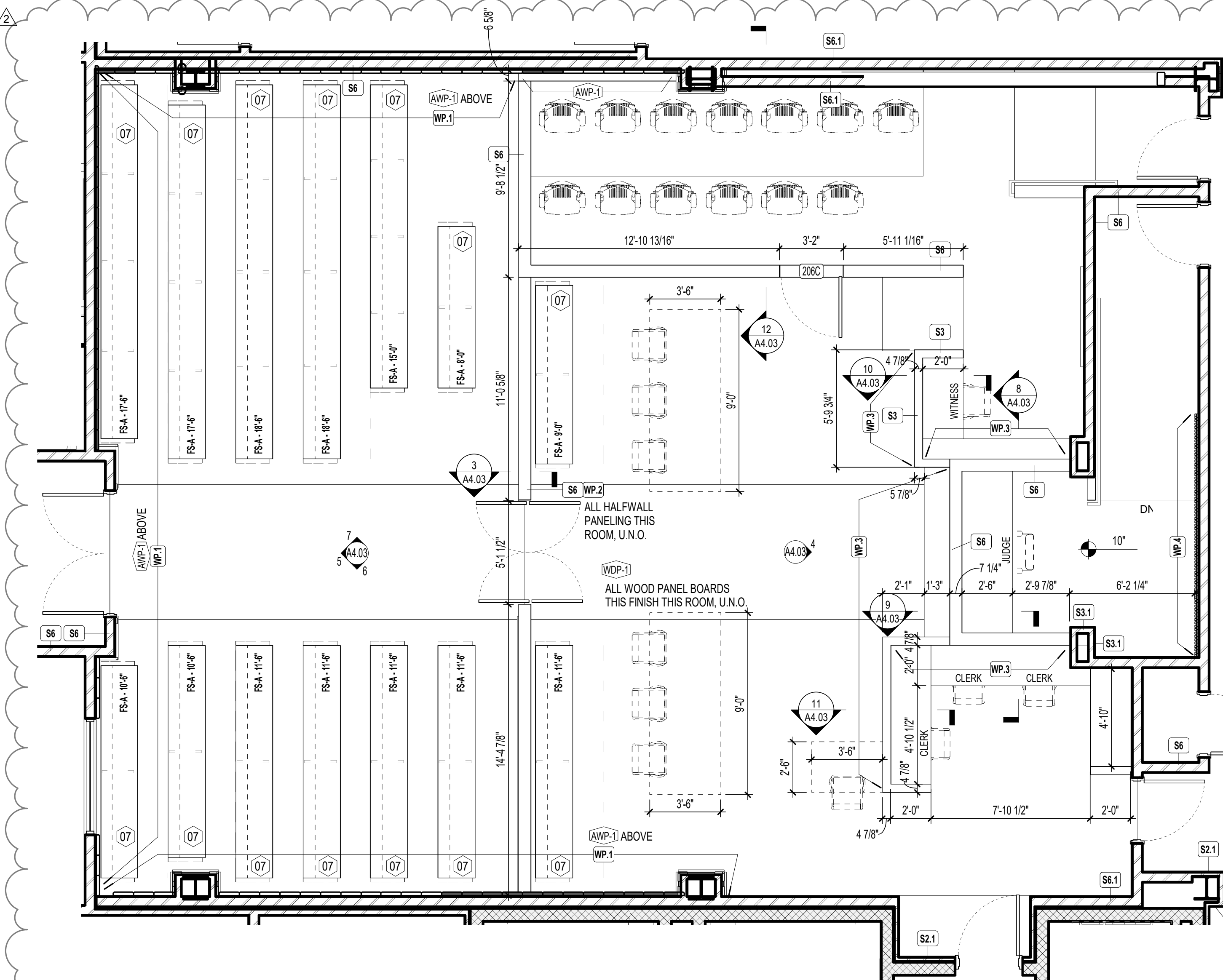
4 RM 206/306 ELEVATION (BAR)
A4.03 1/4" = 1'-0"



3 RM 206 SECTION (BAR)
A4.03 3/4" = 1'-0"



2 AXON - DISTRICT COURT 1
A4.03



1 RM 206/306 PLAN - DISTRICT COURT 1
A4.03 1/4" = 1'-0"

GENERAL NOTES

- DIMENSIONS ARE FROM:
A. EXTERIOR METAL STUD WALLS: EXT. SHEATHING
B. CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
C. INTERIOR WALLS TO FACE OF STUD
D. CURTAINWALL (CW AND STOREFRONT) (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO
E. DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
F. DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING
G. "X" F DENOTES DIMENSION FROM FINISH
H. "F" DENOTES DIMENSION FROM FINISH TO FINISH
I. VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
J. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS
K. SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES
L. COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
M. OBTAIN ALL PERMITS REQUIRED
N. SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED

PLAN NOTES

- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS, TYPICAL
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS
- INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS
- INTERIOR WALLS ARE ASSUMED TO BE 6" COLD-FORMED METAL STUDS, U.N.O.
- EXTERIOR STUD WALLS ARE TO BE 8" COLD-FORMED METAL STUDS, U.N.O.

FRAMING NOTES - METAL STUD

- TRUSSES SHALL BE DESIGNED BY THE TRUSS MANUFACTURER. PROVIDE SEALED SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. TRUSS PROFILES AS SHOWN ON DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY
- MECHANICAL EQUIPMENT LOCATIONS AND DESIGN WEIGHTS SHALL BE DETERMINED AT SITE. ACTUAL WEIGHTS, LOCATIONS AND FRAMING REQUIREMENTS SHALL BE INCORPORATED INTO DESIGN OF FRAMING AND TRUSSES PRIOR TO START OF WORK
- ALL EXTERIOR WALLS SHALL BE 6" 18 GAGE STUDS AT 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS
- DIMENSIONS ON FRAMING PLAN ARE FROM FACE OF EXTERIOR STUDS TO CENTERLINE OF TRUSS. CENTERLINE TO CENTERLINE OF TRUSS UNLESS NOTED OTHERWISE
- PROVIDE AND INSTALL TRUSS BRIDGING PER TRUSS MANUFACTURER
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY BRACING AND SUPPORTS FOR SAFE AND PROPER INSTALLATION OF TRUSSES AS SPECIFIED BY THE TRUSS MANUFACTURER
- ALL CONNECTORS SHALL BE DESIGNED BY THE TRUSS MANUFACTURER AND SHALL BE INCLUDED IN THE SEALED SHOP DRAWINGS FOR REVIEW
- ALL WALLS SHALL HAVE HORIZONTAL BRIDGING AT NOT LESS THAN 48" O.C. VERTICAL
- ALL INTERIOR WALLS SHALL BE 3" 30" 14 GAGE STEEL STUDS AT 16" O.C. WITH HORIZONTAL BRIDGING AT 48" O.C. MAXIMUM VERTICAL AT LOAD BEARING INTERIOR WALLS
- GANG STUDS SHALL BE (4) #2 SYP STUDS (SIZE PER WALL) SPIKED TOGETHER WITH 1/2" W/ALLS AT 12" O.C. MAXIMUM UNLESS NOTED OTHERWISE. GANG STUDS SHALL BE LOCATED UNDER BEARING POINTS OF ALL INTERIOR BEAMS
- BEAMS BEARING ON GANG STUDS SHALL HAVE FULL BEARING AT EACH END
- ALL INTERIOR DOOR HEADERS SHALL CONFORM TO HEADER SCHEDULE

PLANS LEGEND

SYMBOL LEGEND

- S3 WALL TAG: SEE LEGEND (SHEET A0.01)

TAG MARKS

- FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FO ELECTRICAL FLOOR OUTLET
DW DISHWASHER
REF. REFRIGERATOR
TV TELEVISION/RADIO (CENTERED ON WALL U.N.O.)
FS-A FIXED SEATING (TYPE A). REFER TO INTERIOR DETAILS

CASEWORK LEGEND

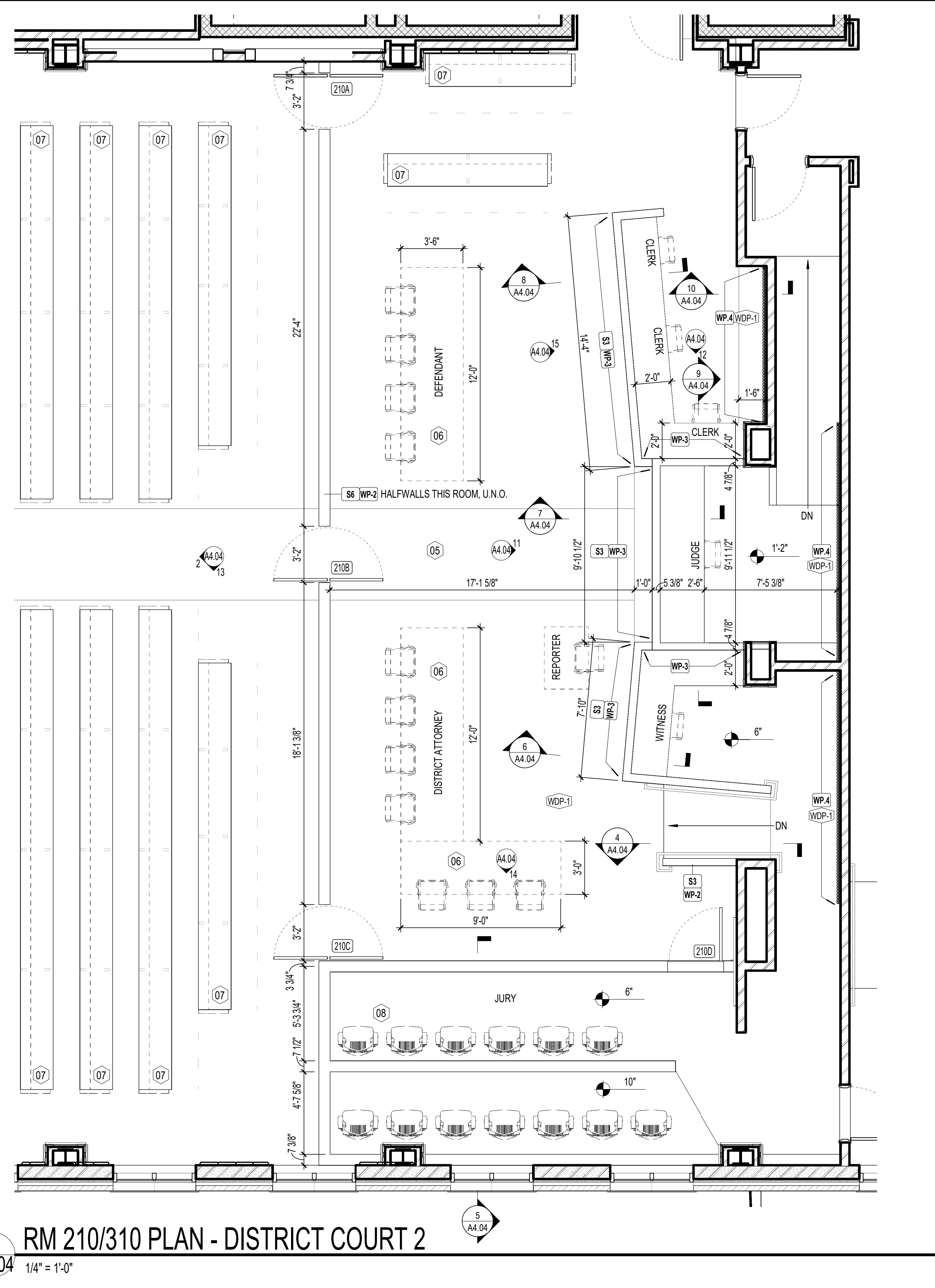
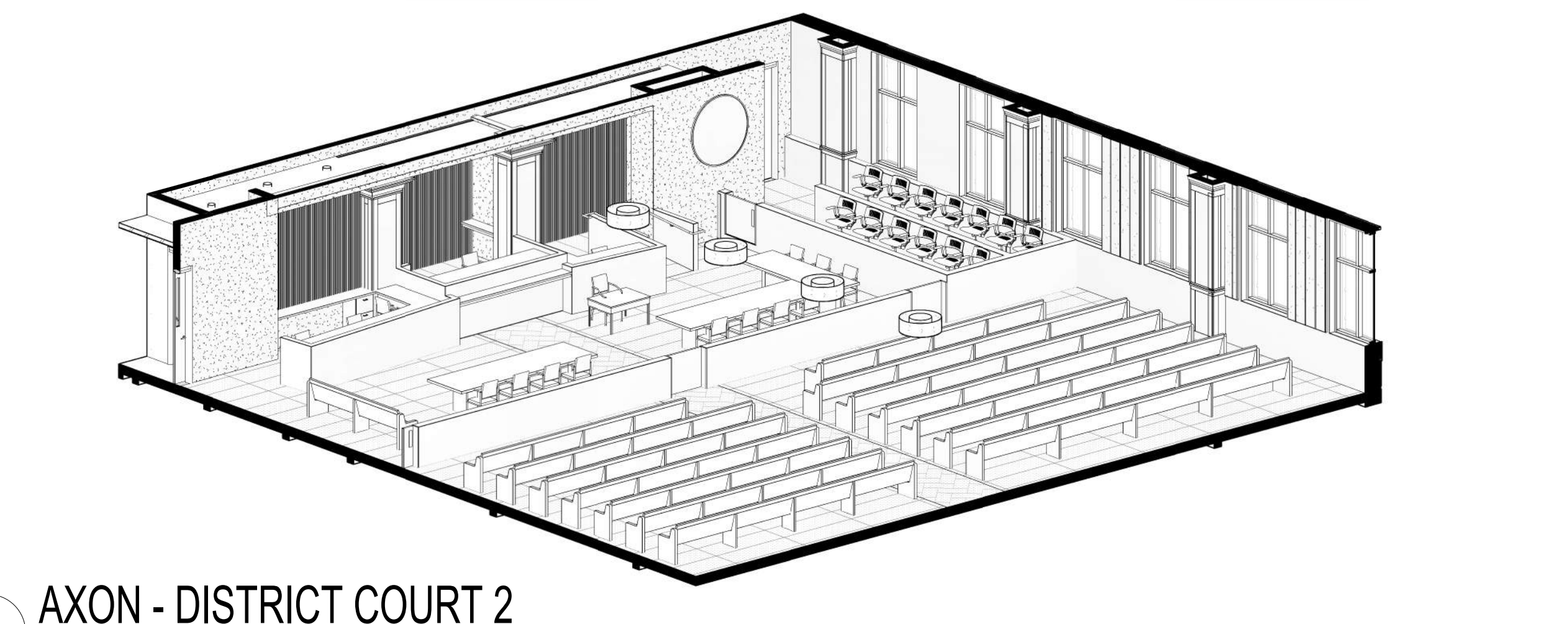
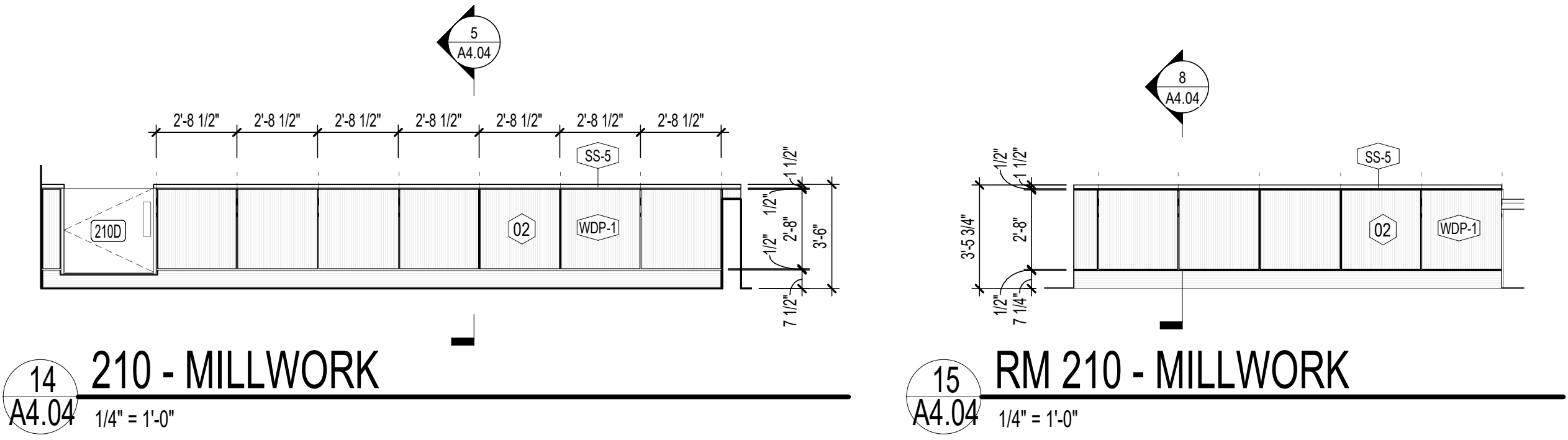
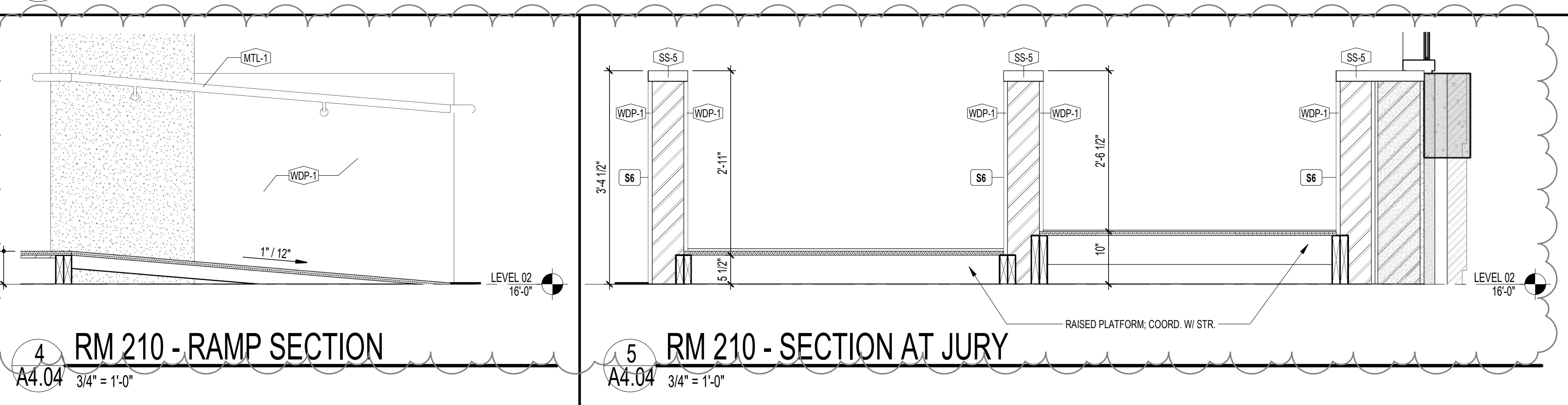
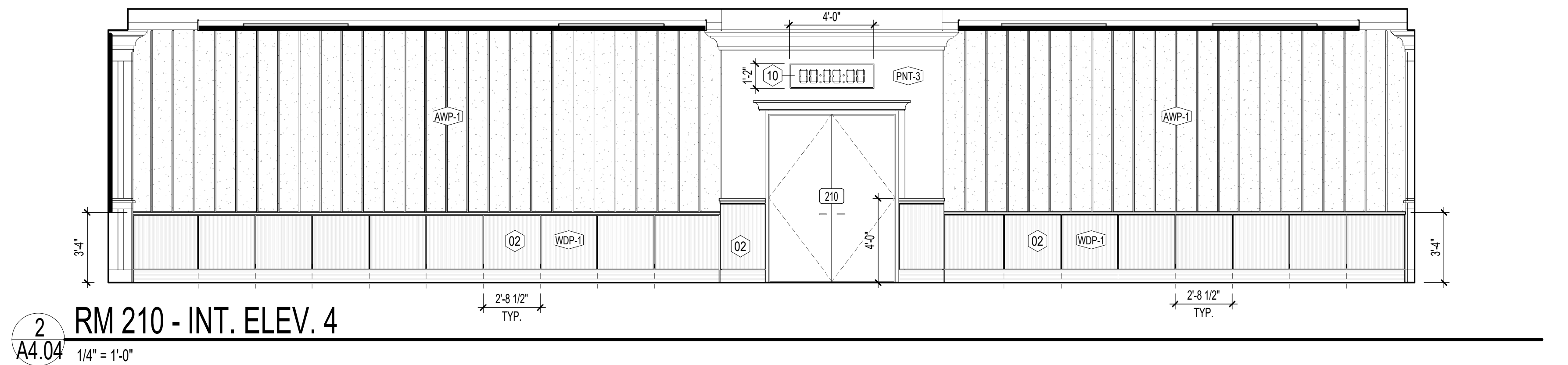
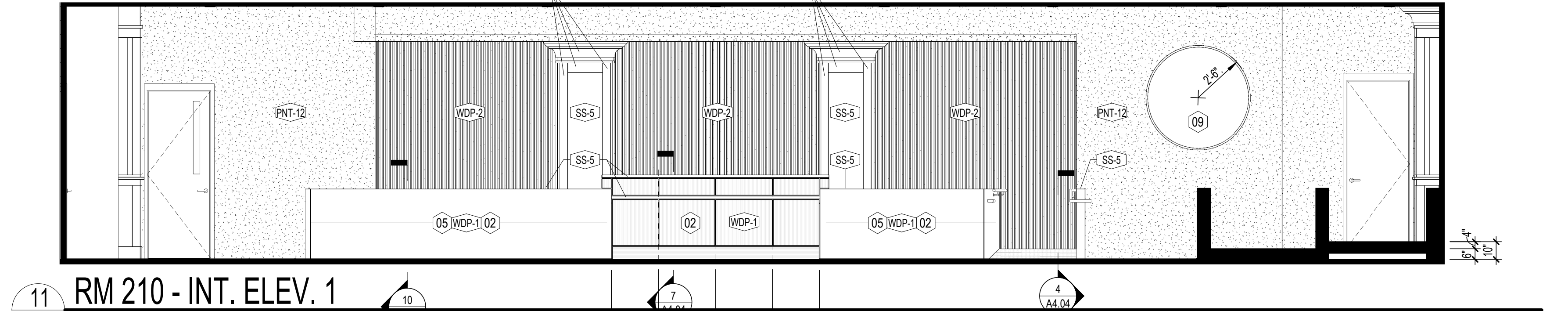
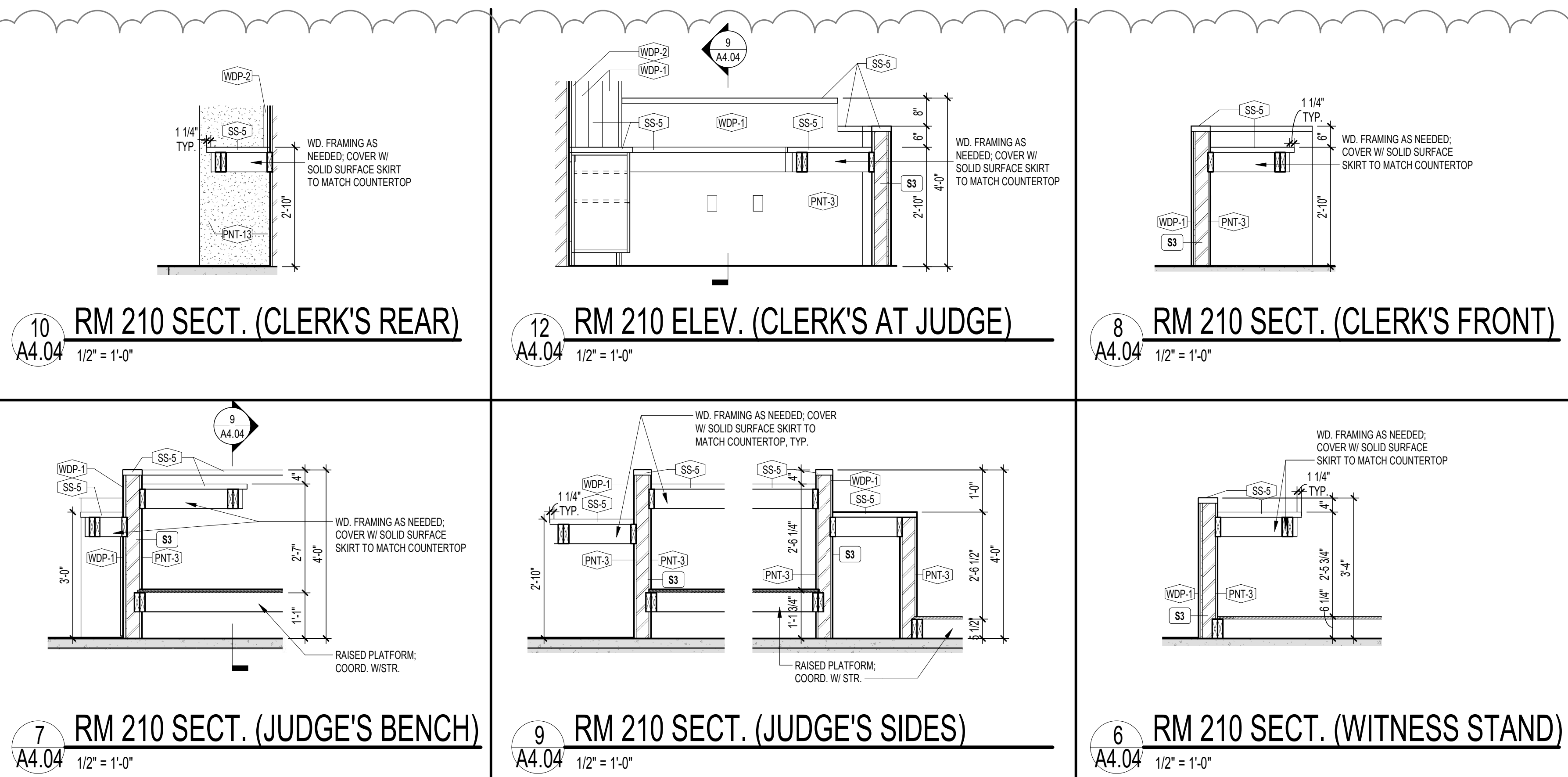
- *CASEWORK HEIGHT PER INTERIOR ELEVATION. TYPE MARK WIDTH/HEIGHT (INCHES)
- | TYPE | DESCRIPTION | WIDTH/HEIGHT (INCHES) |
|------|--|-----------------------|
| B1 | BASE ONE DOOR (SWING) | |
| B2 | BASE TWO DOOR (SWING BOTTOM, PULL TOP) | |
| B3 | BASE SINK | |
| BHC | BASE WITH ADA ACCESSIBLE WHEELCHAIR FRONT APPROACH | |
| W1 | WALL ONE DOOR (SWING) | |
| W2 | WALL TWO DOOR (SWING) | |

CABINETRY NOTES

- ALL CASEWORK IS 2" DEEP UNLESS OTHERWISE NOTED
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL EXPOSED SURFACES INCLUDING DOOR AND DRAWER EDGES. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL COUNTER TOPS UNLESS NOTED OTHERWISE. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE
- PROVIDE MELAMINE FINISH ON ALL INTERIOR SURFACES AS SPECIFIED. COLOR AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE
- PROVIDE STANDARD WIRE DOOR AND DRAWER PULLS, TYPICAL
- PROVIDE CONCEALED HINGES FOR ALL DOORS, TYPICAL
- PROVIDE FULL EXTENSION SLIDES ON ALL DRAWERS
- PROVIDE 3/4" MELAMINE FINISH ADJUSTABLE SHELVING FOR ALL UPPER AND BASE CABINETS AS INDICATED. TYPICAL. PRE DRILL HOLES AT 16" O.C. AND PROVIDE METAL OR POLYCARBONATE SHELF CLIPS
- PROVIDE 3/4" THICK DRAWER AND DOOR FACES, TYPICAL
- FIELD VERIFY ALL DIMENSIONS. SQUARE AND PLUMB OF WALLS TO ENSURE PROPER FIT OF ALL CABINETRY. TYPICAL
- SUBMIT SHOP DRAWINGS PER SPECIFICATIONS OF ALL CABINETRY AND RELATED ITEMS FOR REVIEW PRIOR TO FABRICATION. TYPICAL
- FURNISH AND INSTALL ALL BLOCKING AS REQUIRED FOR PROPER INSTALLATION OF ALL CABINETRY. COORDINATE INSTALLATION OF BLOCKING WITH CABINET SUPPLIER
- VERIFY APPLIANCE SIZES WITH MANUFACTURER'S CUT SHEETS
- PROVIDE FIXED VERTICAL DIVIDER IN CABINET UNITS MORE THAN 36 IN. WIDE
- PROVIDE 1 ADJUSTABLE SHELF IN BASE CABINETS, UNO
- PROVIDE 2 ADJUSTABLE SHELVES IN WALL CABINETS, UNLESS TALLER THAN 48 IN. PROVIDE 3 SHELVES
- PROVIDE 5 ADJUSTABLE SHELVES IN FULL HEIGHT CABINETS, UNO
- PROVIDE SUPPORT BRACKETS AS REQUIRED/RECOMMENDED BY MANUFACTURER
- PROVIDE LOOKS ON CASEWORK WHERE NOTED IN ELEVATIONS

ENLARGED PLAN KEYNOTES

- GYPSUM FURRED HEADER ABOVE WALL CABINETRY; FACE OF GYPSUM FLUSH W/ FACE OF CABINET
- SIMILAR TO WAINSCOTTING TYPE A; REFER. INTERIOR DETAILS
- INTERMITTENT BRACKETS AS NECESSARY CONCEAL W/ BOXED FRAMING WHERE POSSIBLE
- OPEN SHELVING
- WDP-1 PANELING SIMILAR TO WAINSCOTTING TYPE A ON ALL HALFWALLS (BOTH SIDES), AND BELOW COUNTER WALLS (SEATING SIDE FACING ONLY) IN COURTROOMS
- SEATING AND TABLES, C.P.C.I.
- FIXED BENCH
- JURY SEATING ON A SWIVEL POST
- NO JUDICIAL SEAT
- DIGITAL CLOCK; COORD. W/ ELEC.



GENERAL NOTES

- DIMENSIONS ARE FROM:
 - EXTERIOR METAL STUD WALLS: EXT. SHEATHING
 - CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
 - CURTAINWALL (CW) AND STOREFRONT (SF) DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO
 - DOOR/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
 - DOOR/OPENINGS IN METAL STUDS DIMENSIONED TO ROUGH OPENING
 - "X" F DENOTES DIMENSION FROM FINISH
 - "H" F DENOTES DIMENSION FROM FINISH TO FINISH
- VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
- SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
- SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
- COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
- OBTAIN ALL PERMITS REQUIRED.
- SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

PLAN NOTES

- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS, TYPICAL.
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS.
- INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS.
- INTERIOR WALLS ARE ASSUMED TO BE 6" COLD-FORMED METAL STUDS, U.N.O.
- EXTERIOR STUD WALLS ARE TO BE 8" COLD-FORMED METAL STUDS, U.N.O.

FRAMING NOTES - METAL STUD

- TRUSSES SHALL BE DESIGNED BY THE TRUSS MANUFACTURER. PROVIDE SEALED SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. TRUSS PROFILES AS SHOWN ON DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY.
- MECHANICAL EQUIPMENT LOCATIONS AND DESIGN WEIGHTS SHALL BE DETERMINED AT SITE. ACTUAL WEIGHTS, LOCATIONS AND FRAMING REQUIREMENTS SHALL BE INCORPORATED INTO DESIGN OF FRAMING AND TRUSSES PRIOR TO START OF WORK.
- ALL EXTERIOR WALLS SHALL BE 6" 18 GAGE STUDS AT 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS.
- DIMENSIONS ON FRAMING PLAN ARE FROM FACE OF EXTERIOR STUDS TO CENTERLINE OF TRUSS, CENTERLINE TO CENTERLINE OF TRUSS UNLESS NOTED OTHERWISE.
- PROVIDE AND INSTALL TRUSS BRIDGING PER TRUSS MANUFACTURER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY BRACING AND SUPPORTS FOR SAFE AND PROPER INSTALLATION OF TRUSSES AS SPECIFIED BY THE TRUSS MANUFACTURER.
- ALL CONNECTORS SHALL BE DESIGNED BY THE TRUSS MANUFACTURER AND SHALL BE INCLUDED IN THE SEALED SHOP DRAWINGS FOR REVIEW.
- ALL WALLS SHALL HAVE HORIZONTAL BRIDGING AT NOT LESS THAN 48" O.C. VERTICAL.
- ALL INTERIOR WALLS SHALL BE 3" 36" 14 GAGE STEEL STUDS AT 16" O.C. WITH HORIZONTAL BRIDGING AT 48" O.C. MAXIMUM VERTICAL AT LOAD BEARING INTERIOR WALLS.
- GANG STUDS SHALL BE (4) #2 SYP STUDS (SIZE PER WALL) SPIKED TOGETHER WITH 16GA WALLS AT 17" O.C. MAXIMUM UNLESS NOTED OTHERWISE. GANG STUDS SHALL BE LOCATED UNDER BEARING POINTS OF ALL INTERIOR BEAMS.
- BEAMS BEARING ON GANG STUDS SHALL HAVE FULL BEARING AT EACH END.
- ALL INTERIOR DOOR HEADERS SHALL CONFORM TO HEADER SCHEDULE.

PLANS LEGEND

- SYMBOL LEGEND**
- S3 WALL TAG SEE LEGEND (SHEET A0.01)
- TAG MARKS**
- FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FO ELECTRICAL FLOOR OUTLET
DW DISHWASHER
REF. REFRIGERATOR
TV TELEVISION/RADIO (CENTERED ON WALL U.N.O.)
FS-A FIXED SEATING (TYPE A); REFER TO INTERIOR DETAILS.

CASEWORK LEGEND

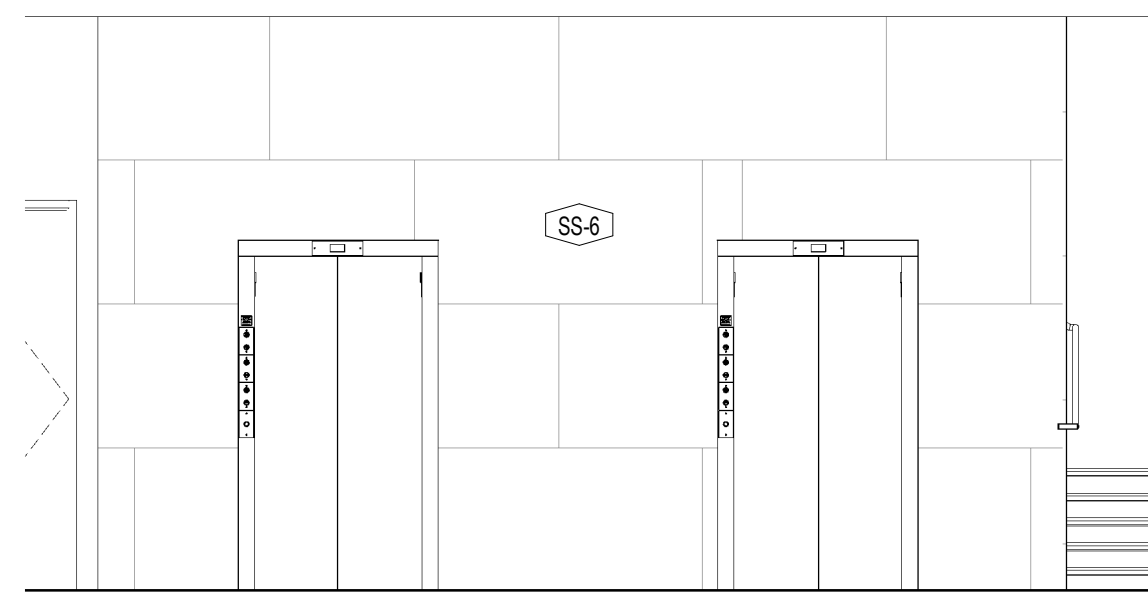
- *CASEWORK HEIGHT PER INTERIOR ELEVATION.
- | TYPE | DESCRIPTION | TYPE MARK | WIDTH/HEIGHT (INCHES) |
|------|--|-----------|-----------------------|
| B1 | BASE ONE DOOR (SWING) | B1#### | |
| B2 | BASE TWO DOOR (SWING BOTTOM, PULL TOP) | | |
| B3 | BASE SINK | | |
| BHC | BASE WITH ADA ACCESSIBLE WHEELCHAIR FRONT APPROACH | | |
| W1 | WALL ONE DOOR (SWING) | | |
| W2 | WALL TWO DOOR (SWING) | | |

CABINETY NOTES

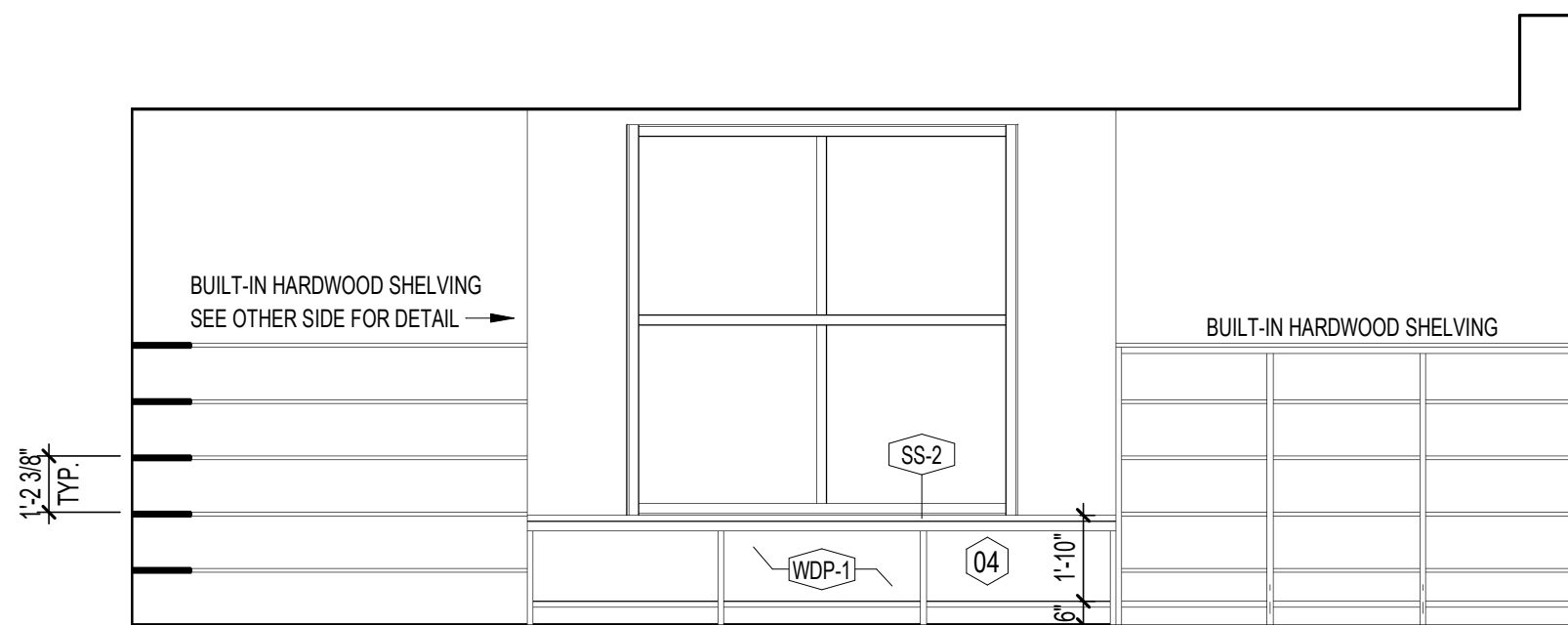
- ALL CASEWORK IS 2'-0" DEEP UNLESS OTHERWISE NOTED.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL EXPOSED SURFACES INCLUDING DOOR AND DRAWER EDGES. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL COUNTER TOPS UNLESS NOTED OTHERWISE. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE MELAMINE FINISH ON ALL INTERIOR SURFACES AS SPECIFIED. COLOR AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE STANDARD WIRE DOOR AND DRAWER PULLS, TYPICAL.
- PROVIDE CONCEALED HINGES FOR ALL DOORS, TYPICAL.
- PROVIDE FULL EXTENSION SLIDES ON ALL DRAWERS.
- PROVIDE 34" MELAMINE FINISH ADJUSTABLE SHELVING FOR ALL UPPER AND BASE CABINETS AS INDICATED, TYPICAL. PRE-DRILL HOLES AT 1 1/4" O.C. AND PROVIDE METAL OR POLYCARBONATE SHELF CLIPS.
- PROVIDE 34" THICK DRAWER AND DOOR FACES, TYPICAL.
- FIELD VERIFY ALL DIMENSIONS, SQUARE AND PLUMB OF WALLS TO ENSURE PROPER FIT OF ALL CABINETS, TYPICAL.
- SUBMIT SHOP DRAWINGS PER SPECIFICATIONS OF ALL CABINETS AND RELATED ITEMS FOR REVIEW PRIOR TO FABRICATION, TYPICAL.
- FURNISH AND INSTALL ALL BLOCKING AS REQUIRED FOR PROPER INSTALLATION OF ALL CABINETS, COORDINATE INSTALLATION OF BLOCKING WITH CABINET SUPPLIER.
- VERIFY APPLIANCE SIZES WITH MANUFACTURER'S CUT SHEETS.
- PROVIDE FIXED VERTICAL DIVIDER IN CABINET UNITS MORE THAN 36 IN. WIDE.
- PROVIDE 1 ADJUSTABLE SHELF IN BASE CABINETS, UNO.
- PROVIDE 2 ADJUSTABLE SHELVES IN WALL CABINETS, UNLESS TALLER THAN 48 IN. PROVIDE 3 SHELVES.
- PROVIDE 5 ADJUSTABLE SHELVES IN FULL-HEIGHT CABINETS, UNO.
- PROVIDE SUPPORT BRACKETS AS REQUIRED/RECOMMENDED BY MANUFACTURER.
- PROVIDE LOOKS ON CASEWORK WHERE NOTED IN ELEVATIONS.

ENLARGED PLAN KEYNOTES

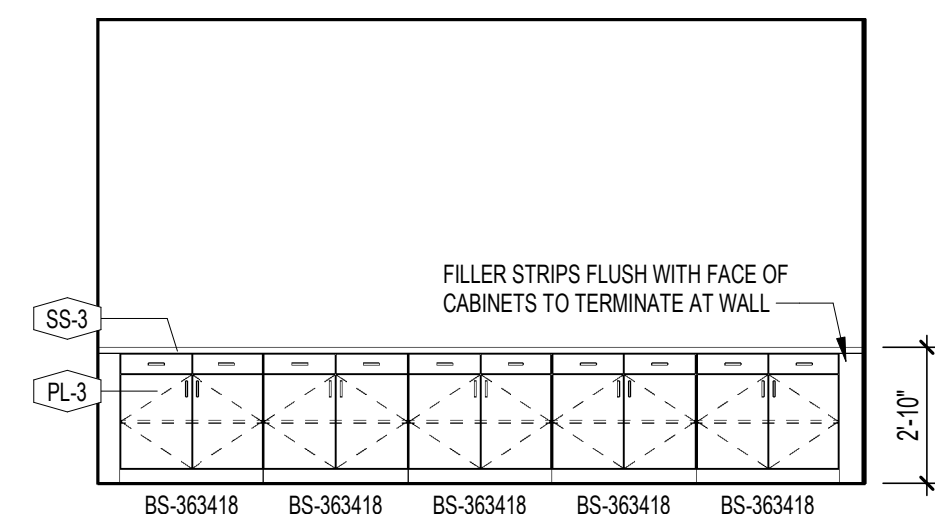
- GYPSUM FURRED HEADER ABOVE WALL CABINETS; FACE OF GYPSUM FLUSH W/ FACE OF CABINET.
- SIMILAR TO WAINSCOTTING TYPE A; REF. INTERIOR DETAILS.
- INTERMITTENT BRACKETS AS NECESSARY CONCEAL W/ BOXED FRAMING WHERE POSSIBLE.
- OPEN SHELVING.
- WDP-1 PANELING SIMILAR TO WAINSCOTTING TYPE A ON ALL HALF WALLS (BOTH SIDES), AND BELOW COUNTER WALLS (SEATING SIDE FACING ONLY) IN COURTROOMS.
- SEATING AND TABLES, C.P.C.I.
- FIXED BENCH.
- JURY SEATING ON A SWIVEL POST.
- NO JUDICIAL SEAL.
- DIGITAL CLOCK; COORD. W/ ELEC.



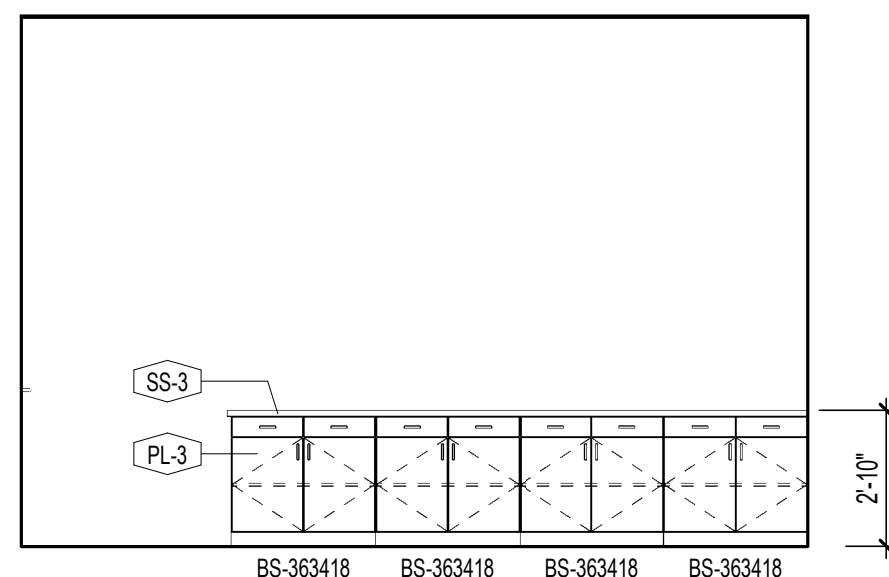
13
A4.05
ELEVATOR #1/2 - ELEVATION
1/4" = 1'-0"



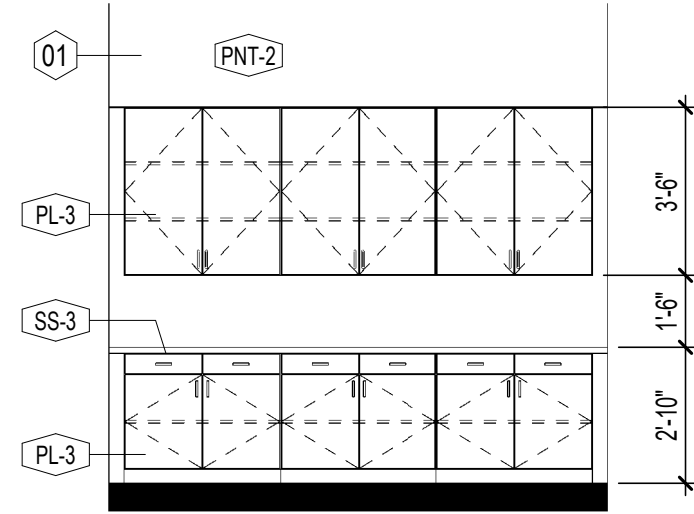
7
A4.05
RM 301 - CASEWORK
1/4" = 1'-0"



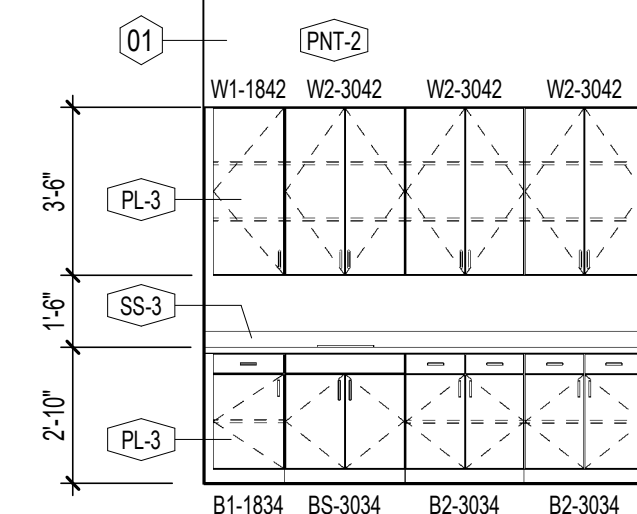
8
A4.05
RM 325 - CASEWORK
1/4" = 1'-0"



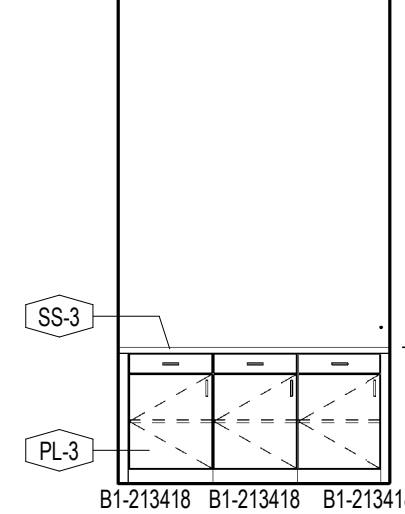
27
A4.05
RM 323 - CASEWORK
1/4" = 1'-0"



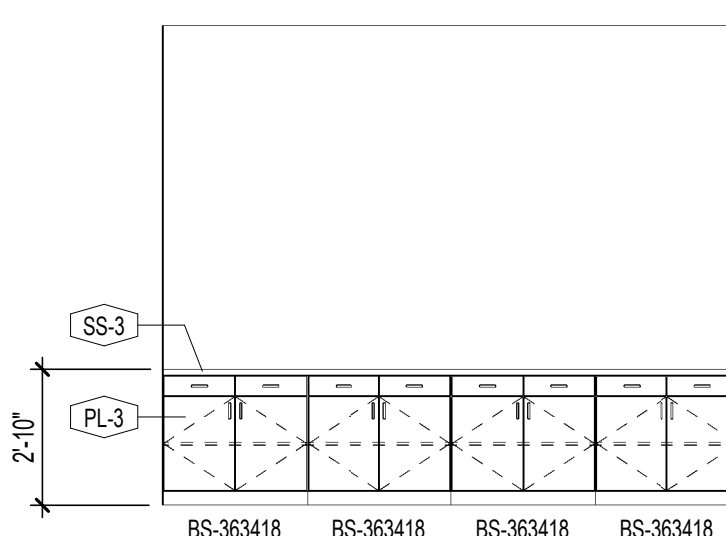
26
A4.05
RM 315C - CASEWORK
1/4" = 1'-0"



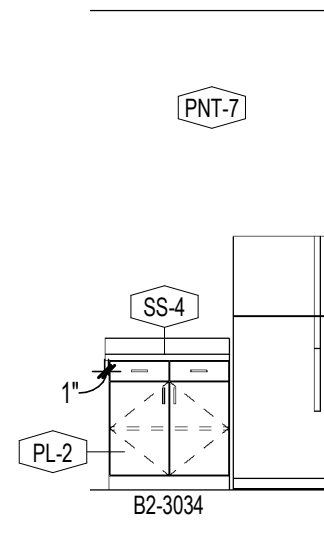
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A4.05
RM 315 - CASEWORK
1/4" = 1'-0"



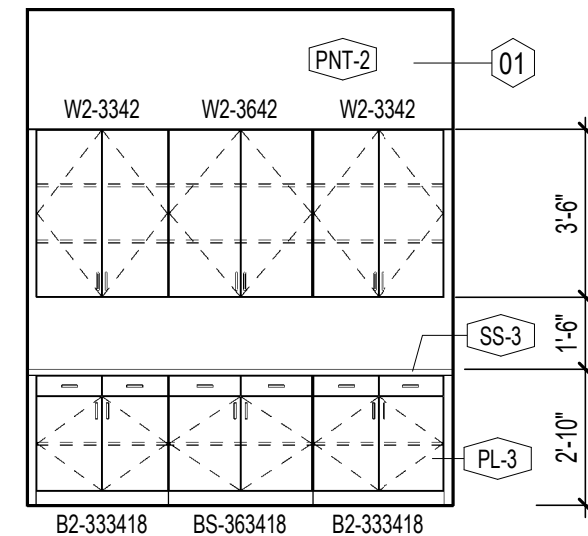
24
A4.05
RM 313 - CASEWORK
1/4" = 1'-0"



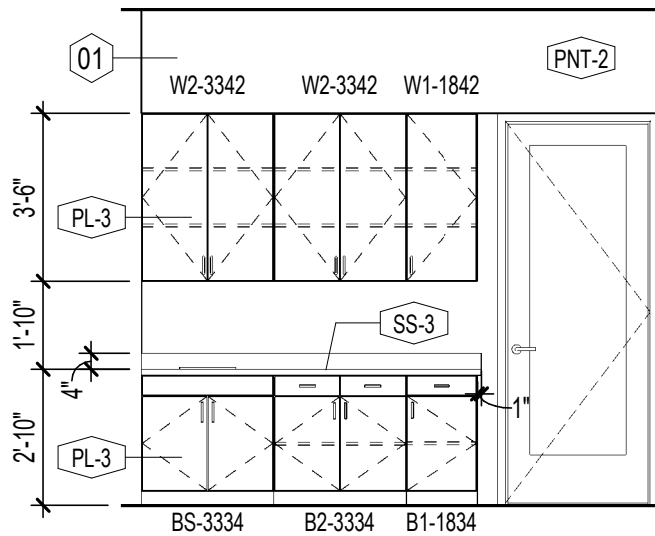
23
A4.05
RM 223 - CASEWORK
1/4" = 1'-0"



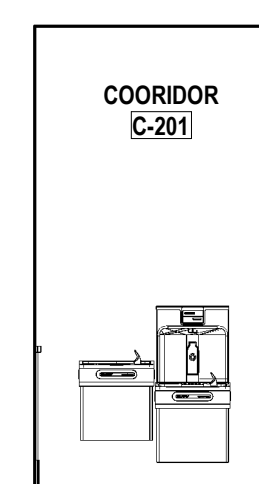
22
A4.05
RM 221 - CASEWORK
1/4" = 1'-0"



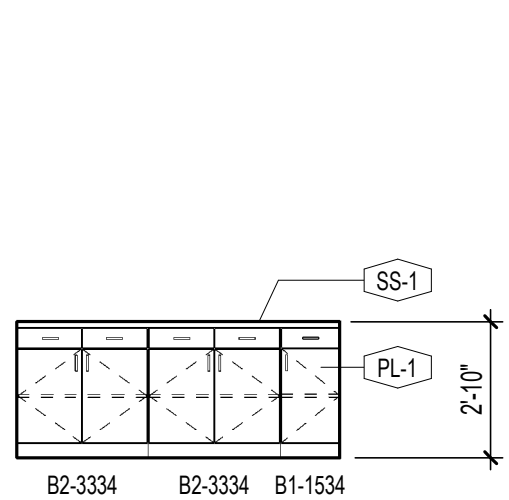
21
A4.05
RM 215D - CASEWORK
1/4" = 1'-0"



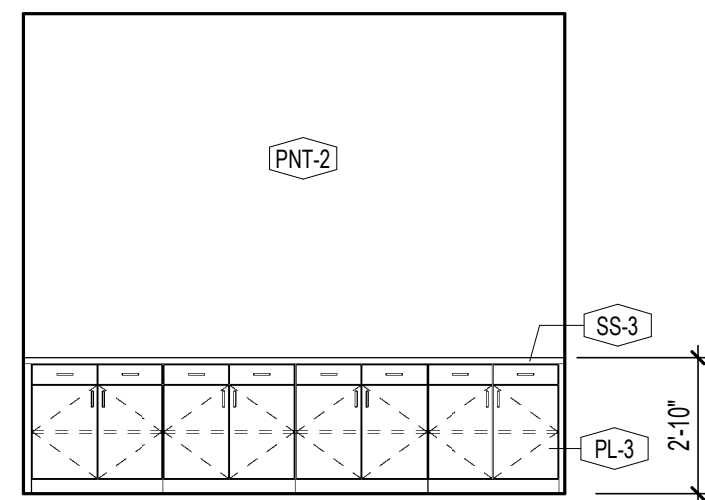
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A4.05
RM 215 - CASEWORK
1/4" = 1'-0"



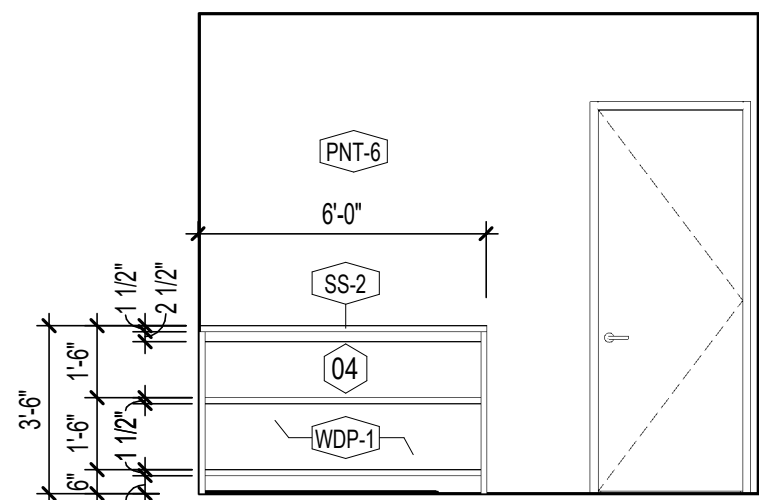
11
A4.05
DRINKING FOUNTAIN ELEV
1/4" = 1'-0"



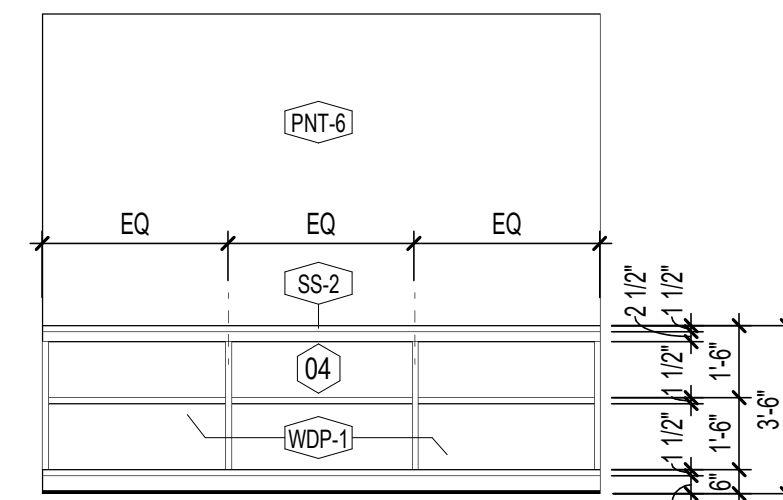
6
A4.05
RM 131 - CASEWORK
1/4" = 1'-0"



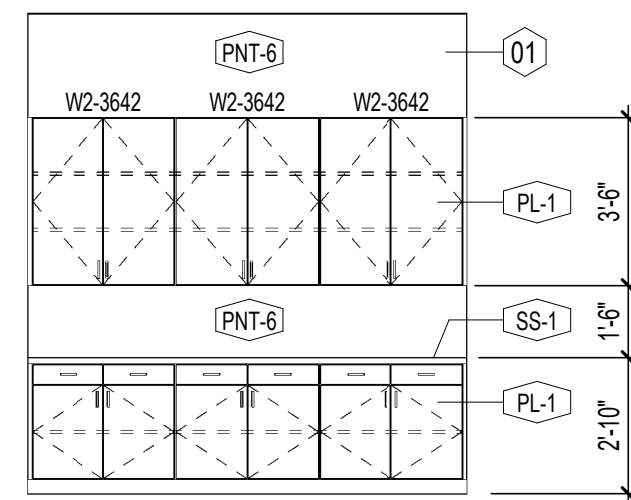
19
A4.05
RM 118S - CASEWORK
1/4" = 1'-0"



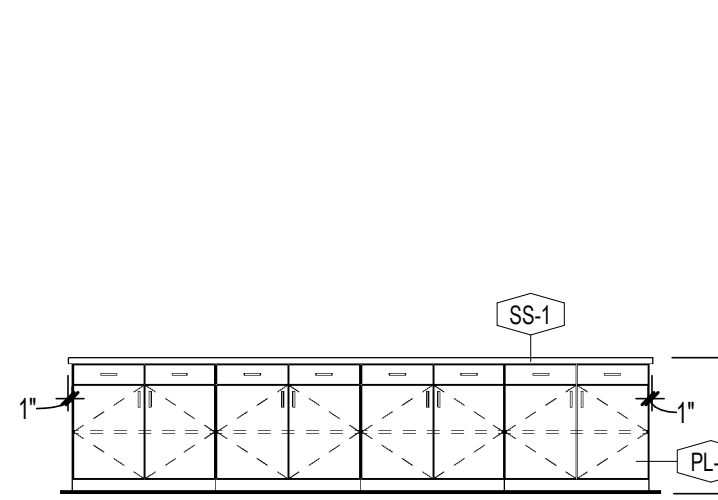
18
A4.05
RM 117F CASEWORK 2
1/4" = 1'-0"



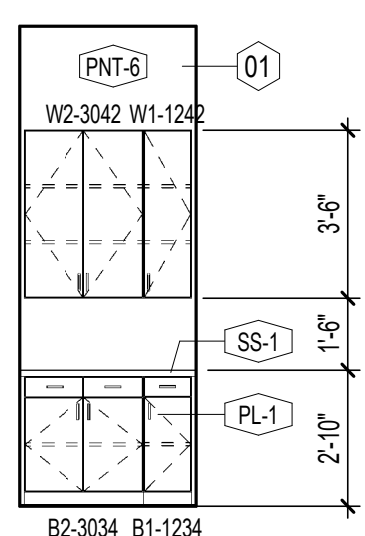
17
A4.05
RM117F CASEWORK
1/4" = 1'-0"



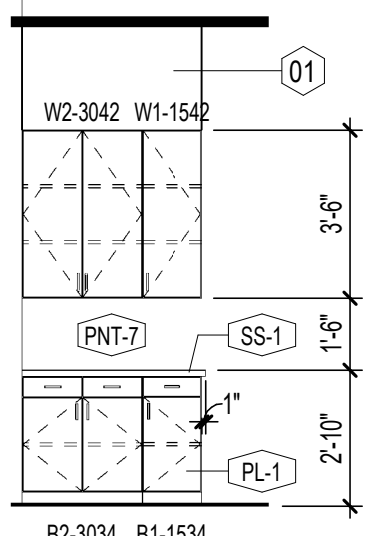
14
A4.05
RM 113E - CASEWORK
1/4" = 1'-0"



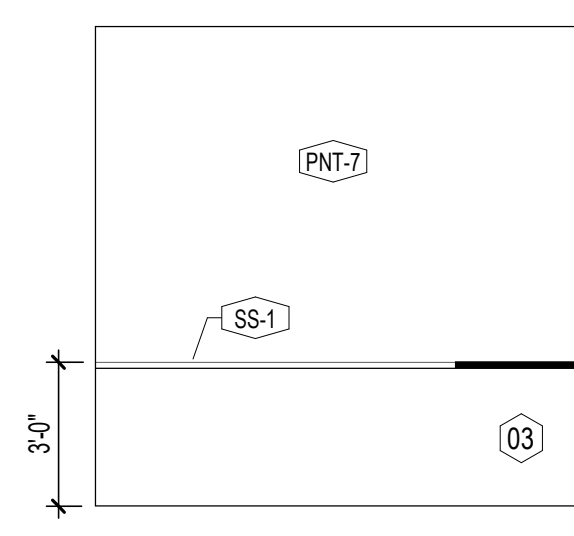
15
A4.05
RM 113A - CASEWORK
1/4" = 1'-0"



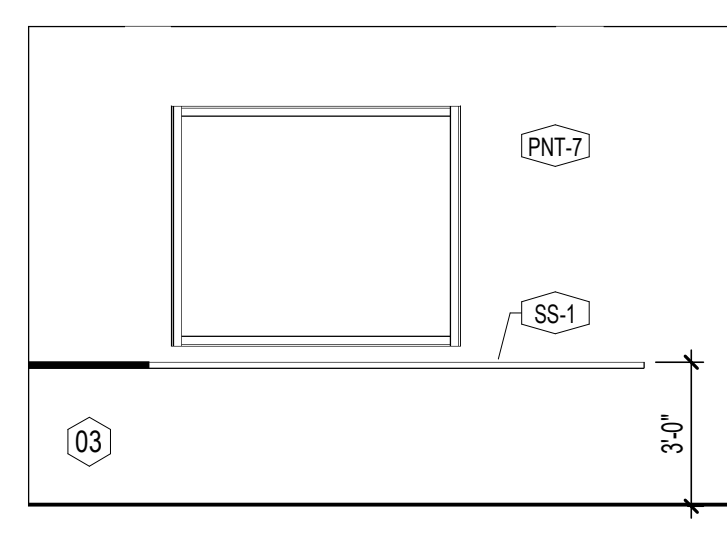
9
A4.05
C-112 - CASEWORK
1/4" = 1'-0"



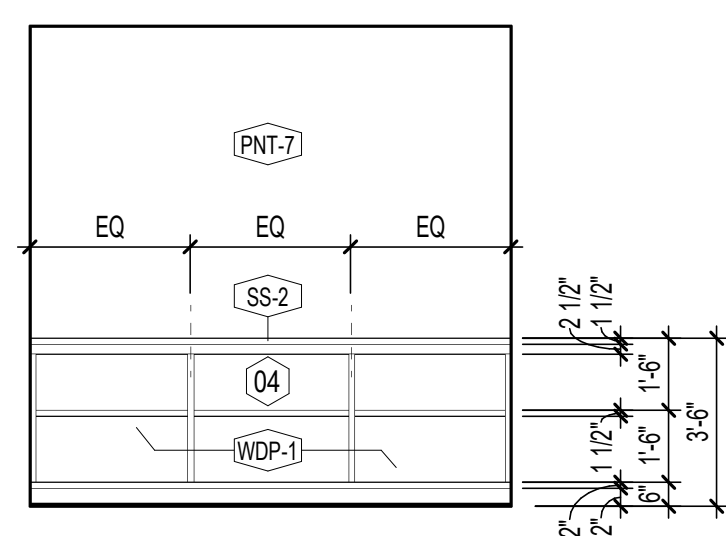
16
A4.05
RM 110 - CASEWORK
1/4" = 1'-0"



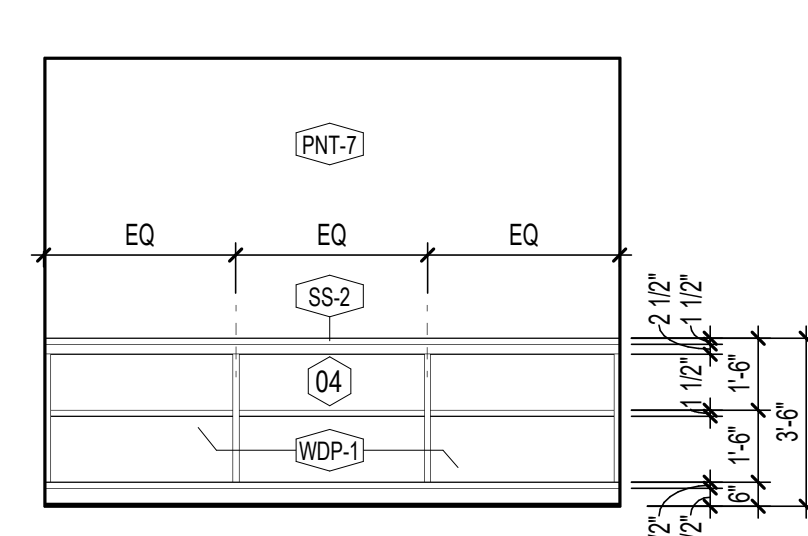
5
A4.05
CASEWORK (RM 106A) 2
1/4" = 1'-0"



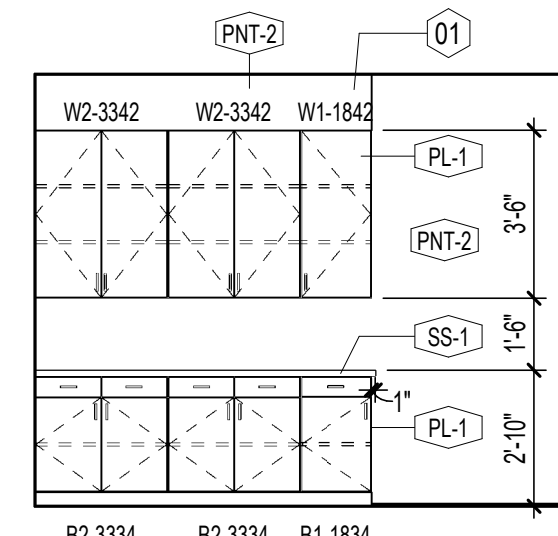
4
A4.05
CASEWORK (RM 106A)
1/4" = 1'-0"



3
A4.05
CASEWORK (RM 104L)
1/4" = 1'-0"



2
A4.05
CASEWORK (RM 104E)
1/4" = 1'-0"



1
A4.05
CASEWORK (RM 104)
1/4" = 1'-0"

GENERAL NOTES

- DIMENSIONS ARE FROM:
A. EXTERIOR METAL STUD WALLS: EXT. SHEATHING
B. CMU MASONRY: FACE OF CMU (EXTERIOR FACE AT EXTERIOR CMU)
C. INTERIOR WALLS TO FACE OF STUD
D. CURTAINWALL (CW) AND STOREFRONT (SF): DIMENSIONED TO CENTER OF CENTRAL MULLIONS AND FACE OF ROUGH OPENING AT THE PERIMETER, UNO
E. DOORS/OPENINGS IN MASONRY DIMENSIONED TO MASONRY OPENING
F. DOORS/OPENINGS IN METAL STUD WALLS DIMENSIONED TO ROUGH OPENING
G. "F" DENOTES DIMENSION FROM FINISH
H. "FP" DENOTES DIMENSION FROM FINISH TO FINISH
I. VERIFY ALL DIMENSIONS AND SIZES PRIOR TO CONSTRUCTION.
J. SEE STRUCTURAL PLANS FOR ALL STRUCTURAL MEMBERS.
K. SEE DOOR AND WINDOW SCHEDULES FOR ALL DOOR AND WINDOW SIZES.
L. COORDINATE ALL SCHEDULES WITH THE OWNER PRIOR TO CONSTRUCTION.
M. OBTAIN ALL PERMITS REQUIRED.
N. SCHEDULE AND COORDINATE ALL INSPECTIONS REQUIRED.

PLAN NOTES

- DIMENSIONS ARE TYPICAL FOR HANDICAP ACCESSORY INSTALLATIONS. EQUIPMENT AND FIXTURE ORIENTATION MAY VARY REFER TO PLAN FOR TOILET LAYOUT.
- PROVIDE BRACING BACK TO STRUCTURE FOR INTERIOR WALLS, TYPICAL.
- INSTALL SOUND ATTENUATION BATT INSULATION FULL HEIGHT IN ALL INTERIOR STUDS FRAMED WALLS.
- INSTALL SOUND ATTENUATION BATT INSULATION 48 IN. WIDE ABOVE CEILING PERIMETER OF ALL INTERIOR ROOMS WITH SOUND BATT IN WALLS.
- INTERIOR WALLS ARE ASSUMED TO BE 6" COLD-FORMED METAL STUDS, U.N.O.
- EXTERIOR STUD WALLS ARE TO BE 8" COLD-FORMED METAL STUDS, U.N.O.

FRAMING NOTES - METAL STUD

- TRUSSES SHALL BE DESIGNED BY THE TRUSS MANUFACTURER. PROVIDE SEALED SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. TRUSS PROFILES AS SHOWN ON DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY.
- MECHANICAL EQUIPMENT LOCATIONS AND DESIGN WEIGHTS SHALL BE DETERMINED AT SITE. ACTUAL WEIGHTS, LOCATIONS AND FRAMING REQUIREMENTS SHALL BE INCORPORATED INTO DESIGN OF FRAMING AND TRUSSES PRIOR TO START OF WORK.
- ALL EXTERIOR WALLS SHALL BE 6" 18 GAGE STUDS AT 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS.
- DIMENSIONS ON FRAMING PLAN ARE FROM FACE OF EXTERIOR STUDS TO CENTERLINE OF TRUSS. CENTERLINE TO CENTERLINE OF TRUSS UNLESS NOTED OTHERWISE.
- PROVIDE AND INSTALL TRUSS BRIDGING PER TRUSS MANUFACTURER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY BRACING AND SUPPORTS FOR SAFE AND PROPER INSTALLATION OF TRUSSES AS SPECIFIED BY THE TRUSS MANUFACTURER.
- ALL CONNECTORS SHALL BE DESIGNED BY THE TRUSS MANUFACTURER AND SHALL BE INCLUDED IN THE SEALED SHOP DRAWINGS FOR REVIEW.
- ALL WALLS SHALL HAVE HORIZONTAL BRIDGING AT NOT LESS THAN 48" O.C. VERTICAL.
- ALL INTERIOR WALLS SHALL BE 3 3/8" 14 GAGE STEEL STUDS AT 16" O.C. WITH HORIZONTAL BRIDGING AT 48" O.C. MAXIMUM VERTICAL AT LOAD BEARING INTERIOR WALLS.
- GANG STUDS SHALL BE (4) #2 SYP STUDS (SIZE PER WALL) SPIKED TOGETHER WITH 1/2" WALLS AT 12" O.C. MAXIMUM UNLESS NOTED OTHERWISE. GANG STUDS SHALL BE LOCATED UNDER BEARING POINTS OF ALL INTERIOR BEAMS.
- BEAMS BEARING ON GANG STUDS SHALL HAVE FULL BEARING AT EACH END.
- ALL INTERIOR DOOR HEADERS SHALL CONFORM TO HEADER SCHEDULE.

PLANS LEGEND

SYMBOL LEGEND

- (S3) WALL TAG: SEE LEGEND (SHEET A0.01)

TAG MARKS

- FE FIRE EXTINGUISHER
FEC FIRE EXTINGUISHER CABINET
FO ELECTRICAL FLOOR OUTLET
DW DISHWASHER
REF. REFRIGERATOR
TV TELEVISION/RADIO (CENTERED ON WALL U.N.O.)
FS-A FIXED SEATING (TYPE A); REFER TO INTERIOR DETAILS.

CASEWORK LEGEND

*CASEWORK HEIGHT PER INTERIOR ELEVATION.

TYPE	DESCRIPTION	WIDTH/HEIGHT (INCHES)
B1	BASE ONE DOOR (SWING)	
B2	BASE TWO DOOR (SWING BOTTOM, PULL TOP)	
BS	BASE SINK	
BHC	BASE WITH ADA ACCESSIBLE WHEELCHAIR FRONT APPROACH	
W1	WALL ONE DOOR (SWING)	
W2	WALL TWO DOOR (SWING)	

CABINETRY NOTES

- ALL CASEWORK IS 2" DEEP UNLESS OTHERWISE NOTED.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL EXPOSED SURFACES INCLUDING DOOR AND DRAWER EDGES. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE HIGH PRESSURE PLASTIC LAMINATE FINISH ON ALL COUNTER TOPS UNLESS NOTED OTHERWISE. COLOR AND PATTERN AS SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE.
- PROVIDE MELAMINE FINISH ON ALL INTERIOR SURFACES AS SPECIFIED. COLOR AS SELECTED BY OWNER FROM MANUFACTURER'S CUT SHEETS.
- PROVIDE STANDARD WIRE DOOR AND DRAWER PULLS, TYPICAL.
- PROVIDE CONCEALED HINGES FOR ALL DOORS, TYPICAL.
- PROVIDE FULL EXTENSION SLIDES ON ALL DRAWERS.
- PROVIDE 3/4" MELAMINE FINISH ADJUSTABLE SHELVING FOR ALL UPPER AND BASE CABINETS AS INDICATED, TYPICAL. PRE DRILL HOLES AT 1 1/4" O.C. AND PROVIDE METAL OR POLYCARBONATE SHELF CLIPS.
- PROVIDE 3/4" THICK DRAWER AND DOOR FACES, TYPICAL.
- FIELD VERIFY ALL DIMENSIONS, SQUARE AND PLUMB OF WALLS TO ENSURE PROPER FIT OF ALL CABINETRY, TYPICAL.
- SUBMIT SHOP DRAWINGS PER SPECIFICATIONS OF ALL CABINETRY AND RELATED ITEMS FOR REVIEW PRIOR TO FABRICATION, TYPICAL.
- FURNISH AND INSTALL ALL BLOCKING AS REQUIRED FOR PROPER INSTALLATION OF ALL CABINETRY. COORDINATE INSTALLATION OF BLOCKING WITH CABINET SUPPLIER.
- VERIFY APPLIANCE SIZES WITH MANUFACTURER'S CUT SHEETS.
- PROVIDE FIXED VERTICAL DIVIDER IN CABINET UNITS MORE THAN 36 IN. WIDE.
- PROVIDE 1 ADJUSTABLE SHELF IN BASE CABINETS, UNO.
- PROVIDE 2 ADJUSTABLE SHELVES IN WALL CABINETS, UNLESS TALLER THAN 48 IN. PROVIDE 3 SHELVES.
- PROVIDE 4 ADJUSTABLE SHELVES IN FULL HEIGHT CABINETS, UNO.
- PROVIDE SUPPORT BRACKETS AS REQUIRED/RECOMMENDED BY MANUFACTURER.
- PROVIDE LOCKS ON CASEWORK WHERE NOTED IN ELEVATIONS.

ADDENDUM NO. 2:
VARIOUS MATERIAL TAGS AND ELEVATIONS

ENLARGED PLAN KEYNOTES

- GYPSUM FURRED HEADER ABOVE WALL CABINETRY; FACE OF GYPSUM FLUSH W/ FACE OF CABINET.
- SIMILAR TO WAINSCOTTING TYPE A REF. INTERIOR DETAILS
- INTERMITTENT BRACKETS AS NECESSARY. CONCEAL W/ BOXED FRAMING WHERE POSSIBLE.
- OPEN SHELVING
- WDP-1 PANELING SIMILAR TO WAINSCOTTING TYPE A ON ALL HALF WALLS (BOTH SIDES) AND BELOW COUNTER WALLS (SEATING SIDE FACING ONLY) IN COURTROOMS
- SEATING AND TABLES, C.P.C.I.
- FIXED BENCH
- JURY SEATING ON A SWIVEL POST.
- NC JUDICIAL SEAL
- DIGITAL CLOCK; COORD. W/ ELEC.

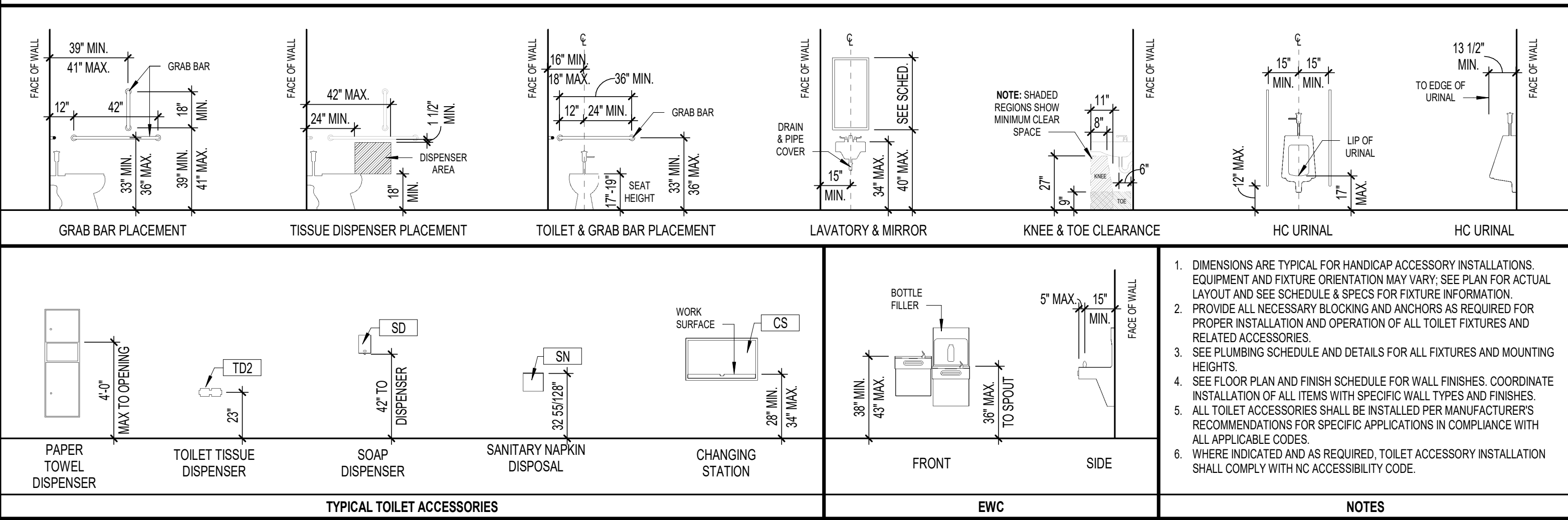
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TOILET ACCESSORIES SCHEDULE

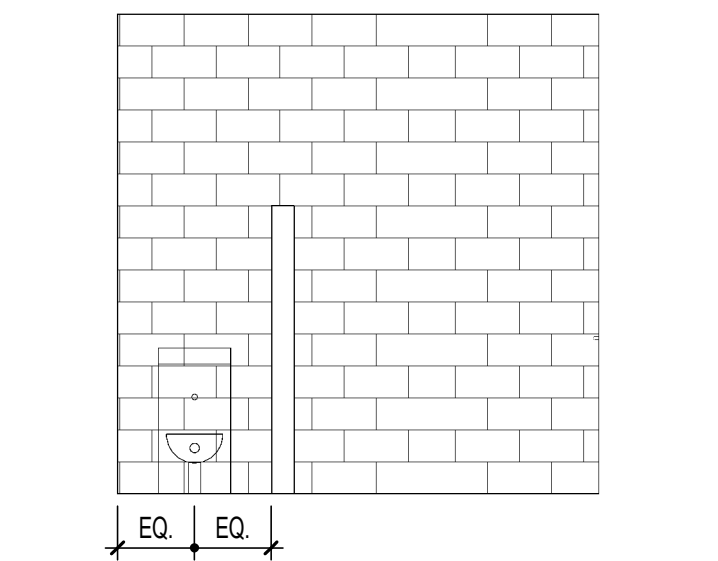
TAG	DESCRIPTION	MANUF.	MODEL NO.	MOUNTING HEIGHT
PD	PAPER TOWEL DISPENSER - SEMI RECESSED	A.S.I.	6462-2	48" TO SLOT
SD	SURFACE MOUNTED SOAP DISPENSER	A.S.I.	0347	50 7/8" TO TOP
M1	18" X 36" S.S. FRAMED MIRROR, ALL SIDES BEVELED	A.S.I.	0620-1836	40" TO BOTTOM
M2	72" X 36" S.S. FRAMED MIRROR, ALL SIDES BEVELED	A.S.I.	0620-7236	40" TO BOTTOM
TD1	JUMBO ROLL TOILET TISSUE DISPENSER	A.S.I.	0042	27" C.L.
TD2	DOUBLE ROLL TOILET TISSUE DISPENSER	A.S.I.	74022-HSSM	27" C.L.
GB36	1 1/2" DIA. X 36" S.S. GRAB BAR - PEENED	A.S.I.	3800-36P	34" C.L.
GB42	1 1/2" DIA. X 42" S.S. GRAB BAR - PEENED	A.S.I.	3800-42P	34" C.L.
GB18	1 1/2" DIA. X 18" S.S. (VERTICAL) GRAB BAR - PEENED	A.S.I.	3800-18P	39" TO BOTTOM
TS	SOLID PLASTIC TOILET PARTITION	ACCURATE	-	-
SN	S.S. SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	ASI	0852	-
CS	S.S. CHANGING STATION - RECESSED	ASI	9018	-

1. ALL TOILET ACCESSORIES SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS FOR SPECIFIC APPLICATIONS IN COMPLIANCE WITH ALL APPLICABLE CODES.
2. WHERE INDICATED AND AS REQUIRED, TOILET ACCESSORY INSTALLATION SHALL COMPLY WITH NC ACCESSIBILITY CODE.
3. FURNISH AND INSTALL ALL NECESSARY FRAMING AND BLOCKING AS REQUIRED FOR PROPER INSTALLATION AND OPERATION OF ALL ACCESSORIES.
4. MANUFACTURER AND MODEL NUMBERS INDICATED REPRESENT BASIS OF DESIGN. APPROVED EQUALS WILL BE ACCEPTED.

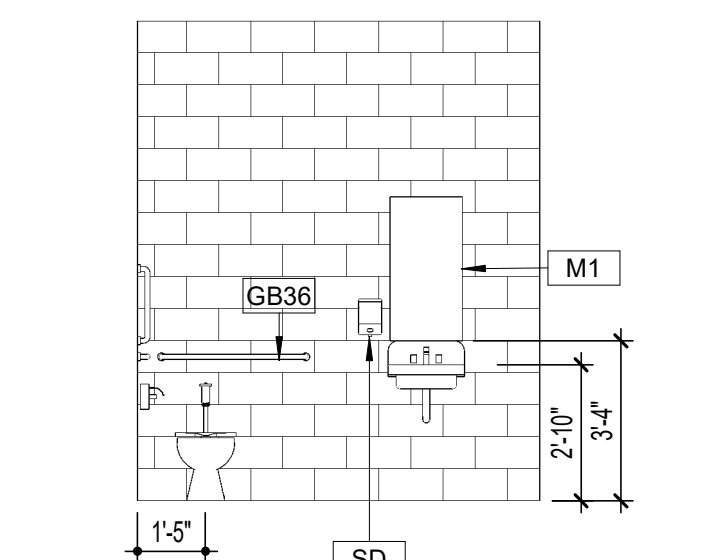
HC ACCESSORIES LEGEND



3A RM 232 INT. ELEV A.
A4.12 1/4" = 1'-0"



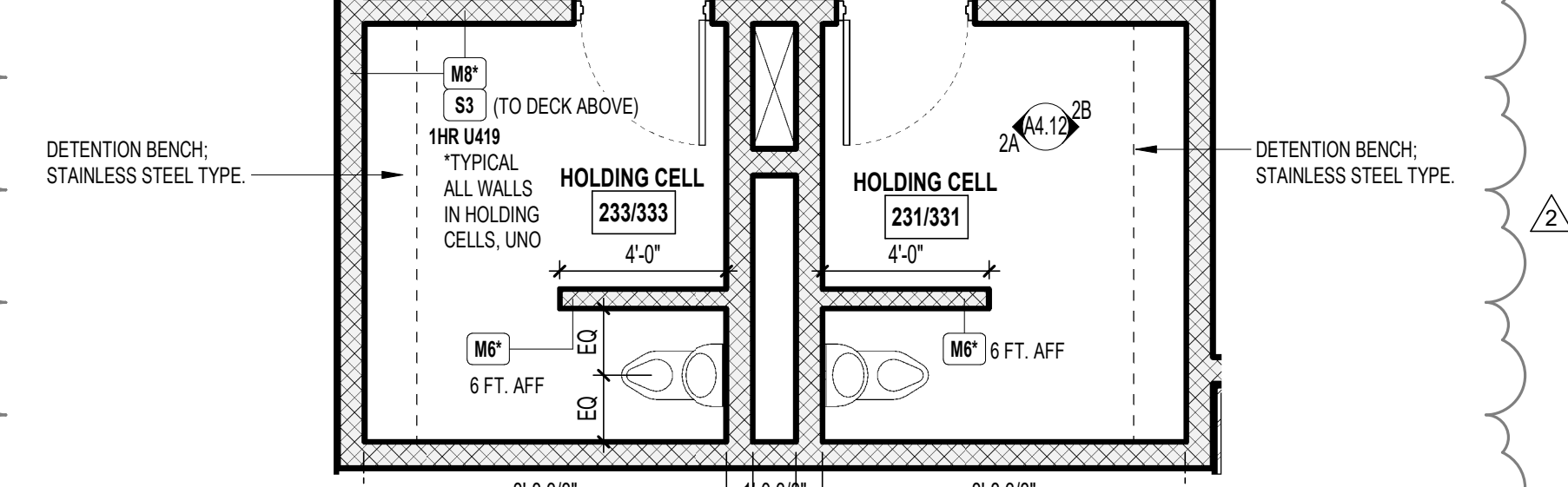
2A RM 231 INT. ELEV A.
A4.12 1/4" = 1'-0"



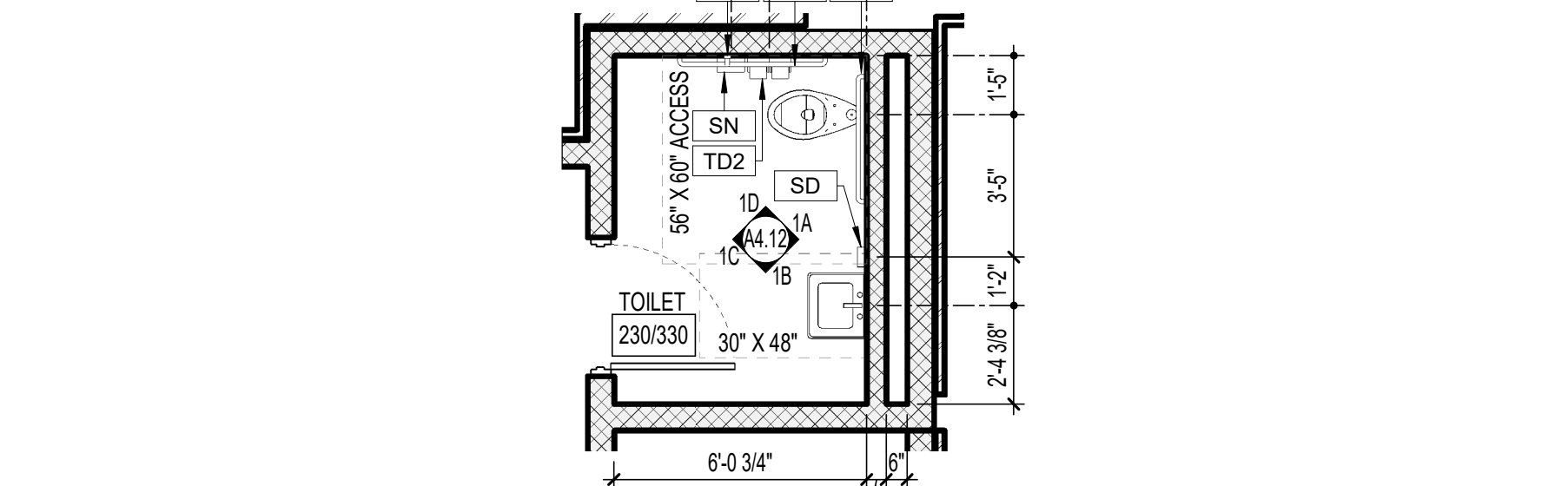
1A RM 230/330 - INT. ELEV. A
A4.12 1/4" = 1'-0"



3 TOILET PLAN - RM 232/234 + 332/334
A4.12 1/4" = 1'-0"



2 TOILET PLAN - RM 231/233 + 331/333
A4.12 1/4" = 1'-0"

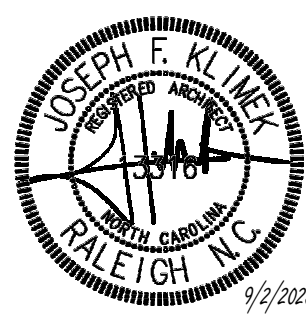


1 TOILET PLAN - RM 230/330
A4.12 1/4" = 1'-0"



FRANKLIN JUDICIAL CENTER

BID SET
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549



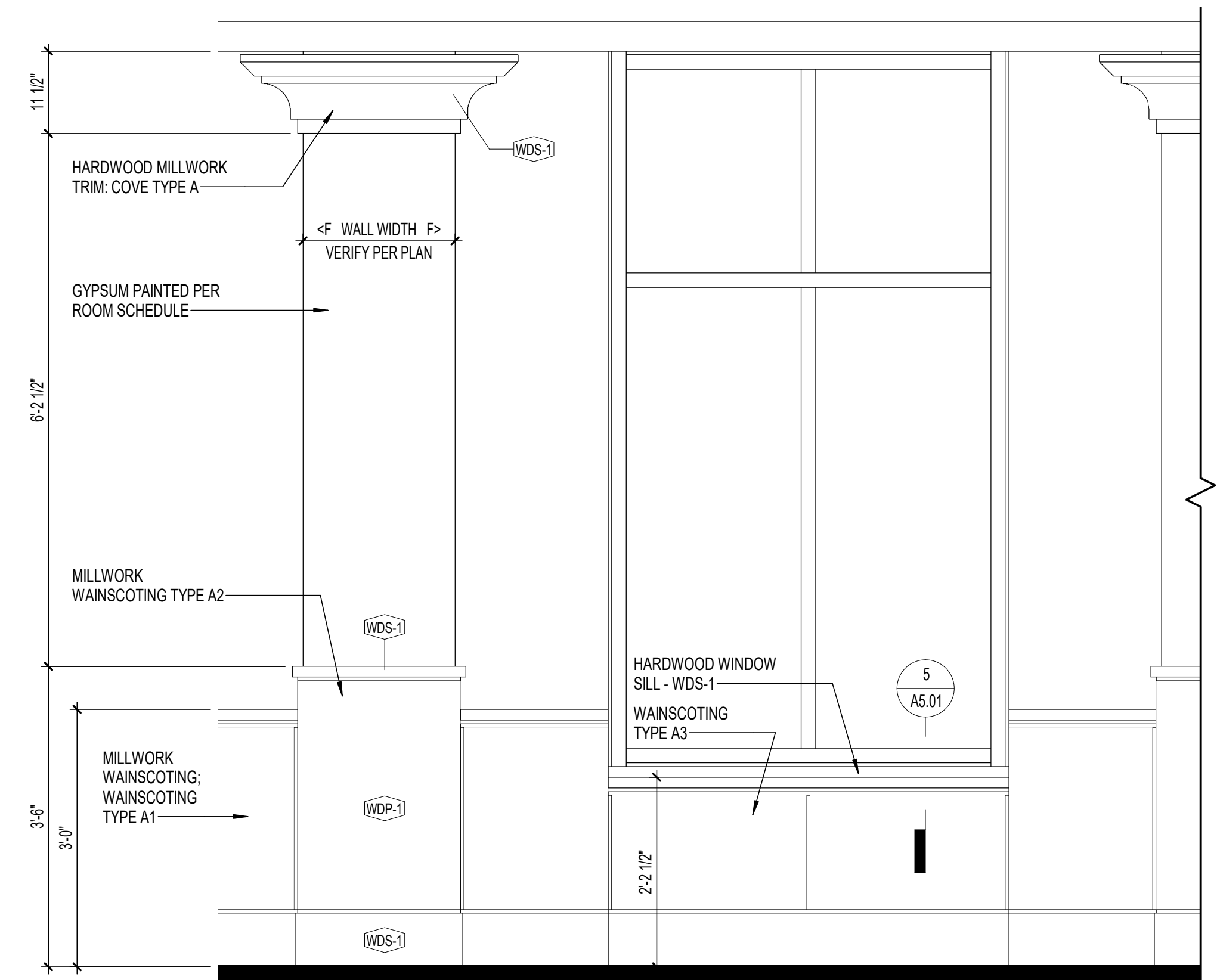
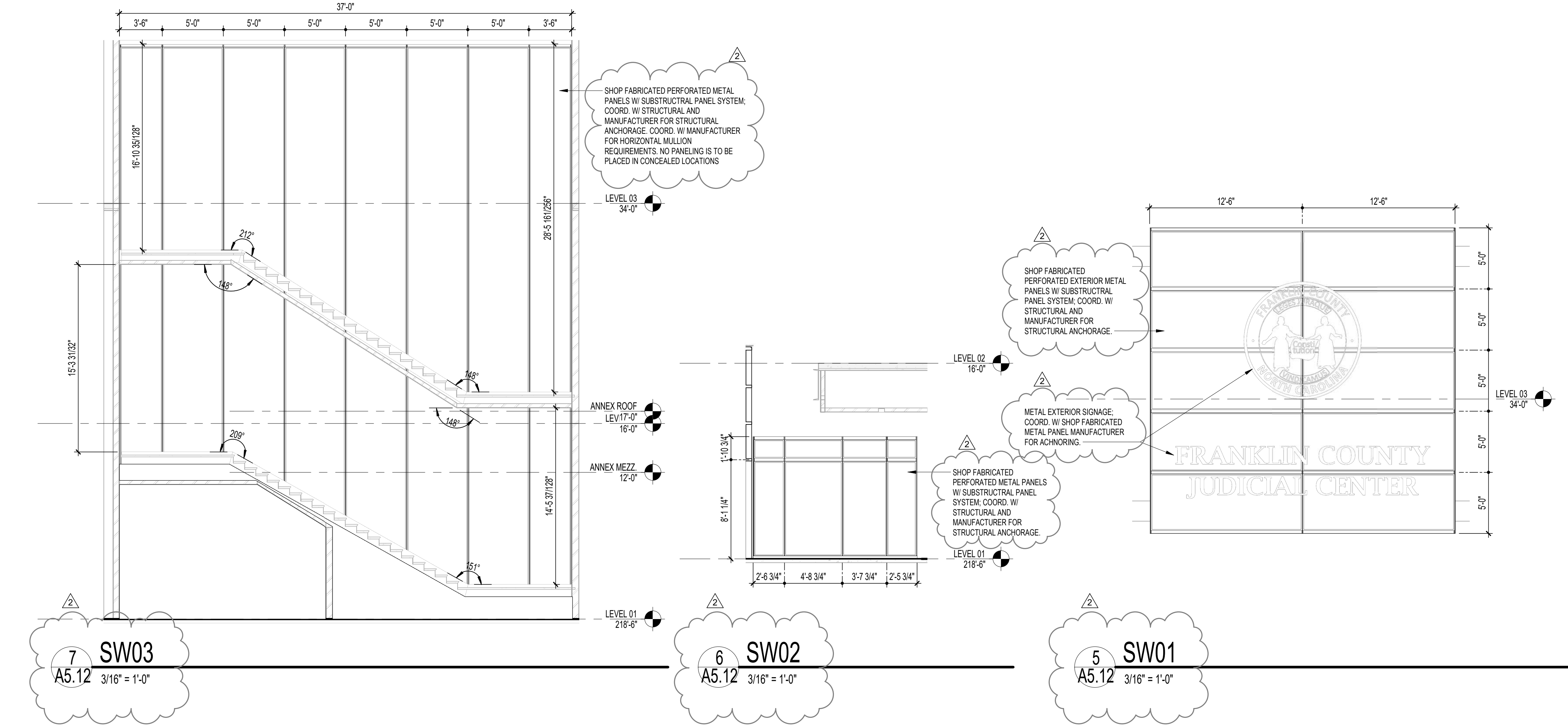
GENERAL NOTE:
Prior to construction
start, Contractor shall
verify & be responsible
for all Dimensions.

Revisions	Description	Date
2	BID SET - AM 2	9/22/2025

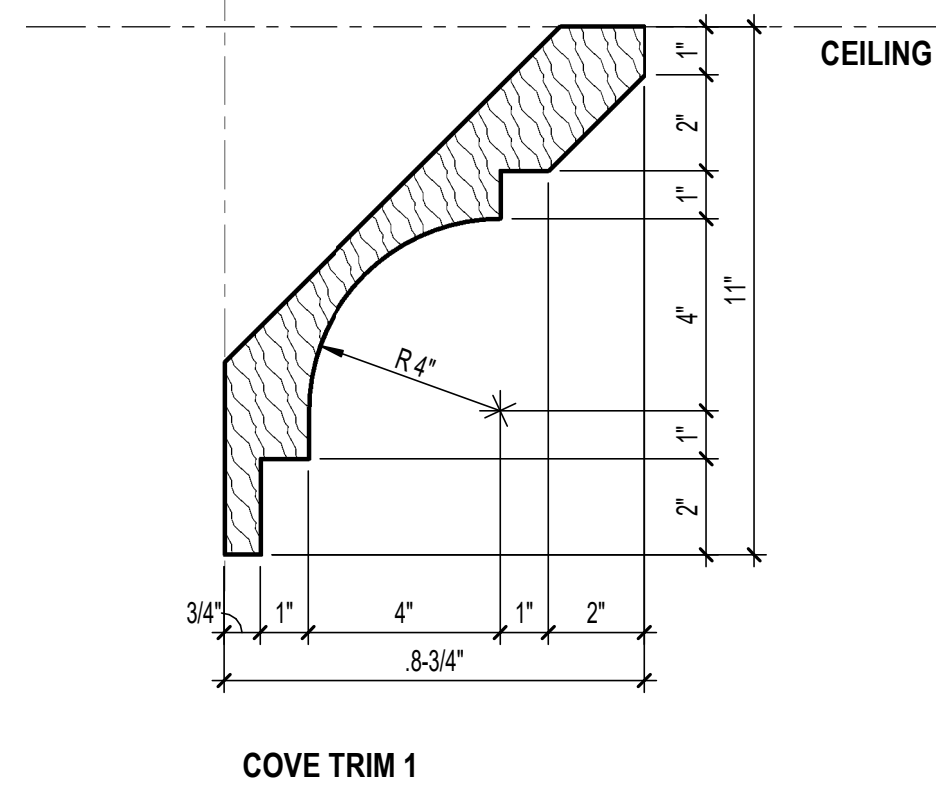
Date	09/02/25	Project No.	21054
Drawn By	JFK	Sheet No.	A4.12
Checked By	AWC	Sheet Title	ENLARGED PLANS - RESTROOMS

OAKLEY
COLLIER
ARCHITECTS
OCA
109 Cordlewood Road, Rocky Mount, NC 27804 (P) 252.937.2300
203 W. Martin Street, Raleigh, NC 27601

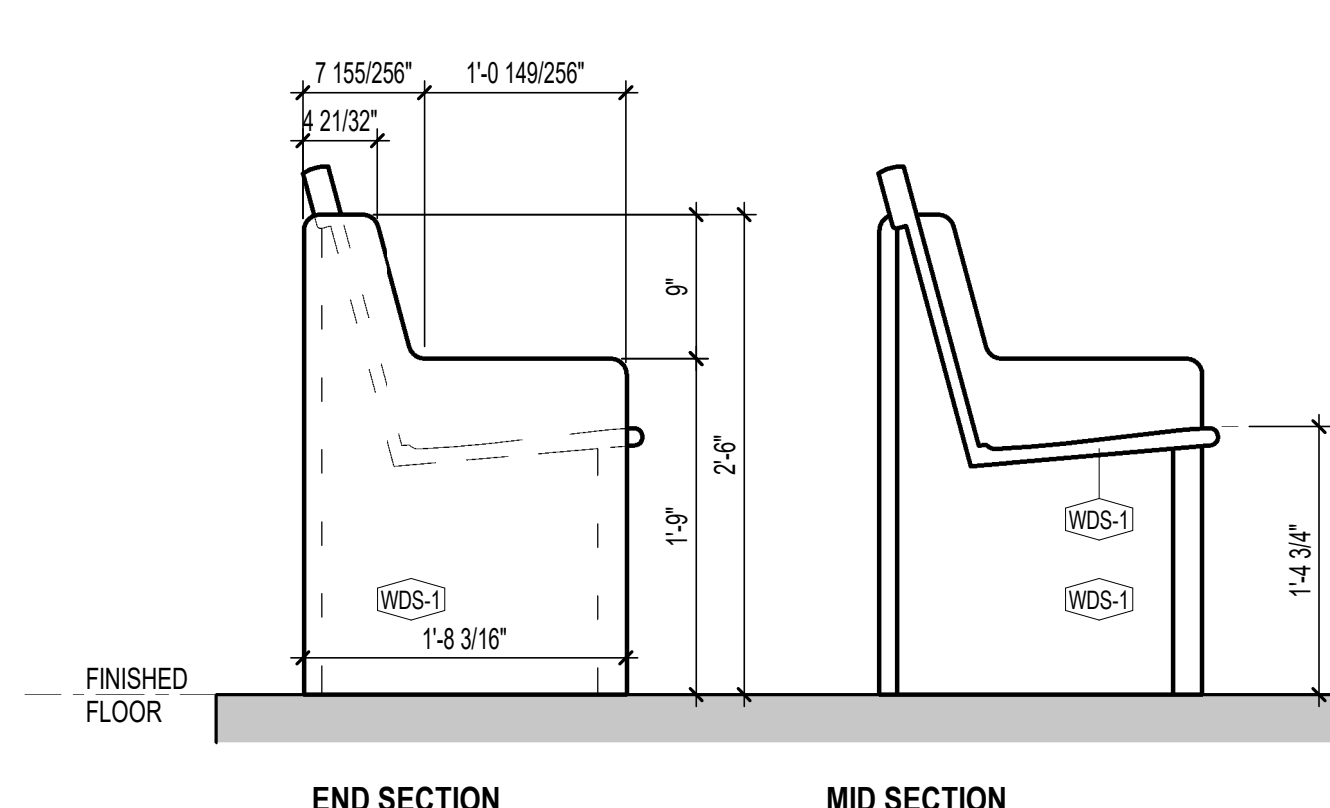
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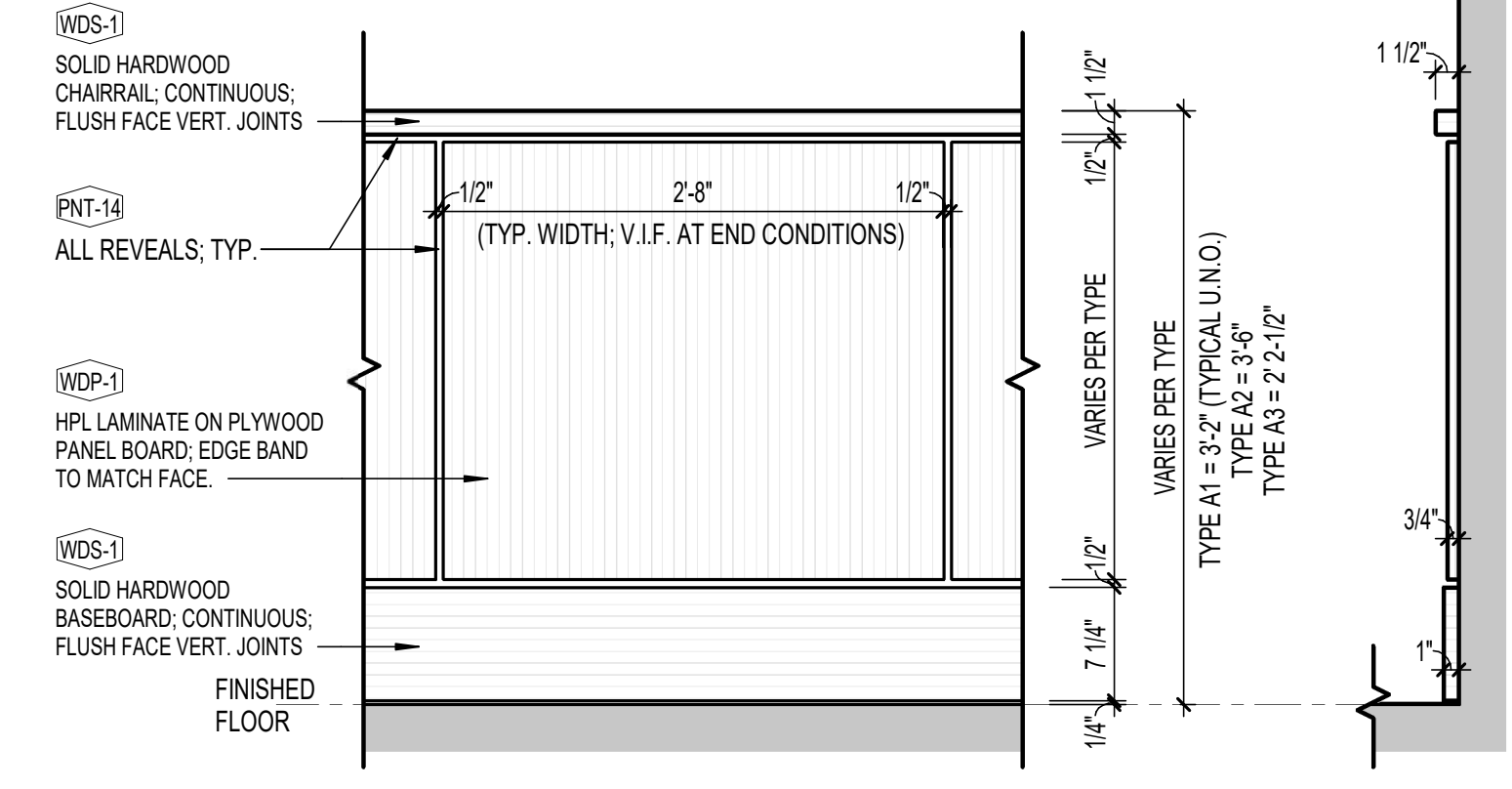
4 IE DETAIL - COLUMN ELEV. TYPE A
A5.12 3/4" = 1'-0"



3 INTERIOR TRIM PROFILES
A5.12 3" = 1'-0"



2 FIXED FURNITURE - PEW SEAT
A5.12 1" = 1'-0"

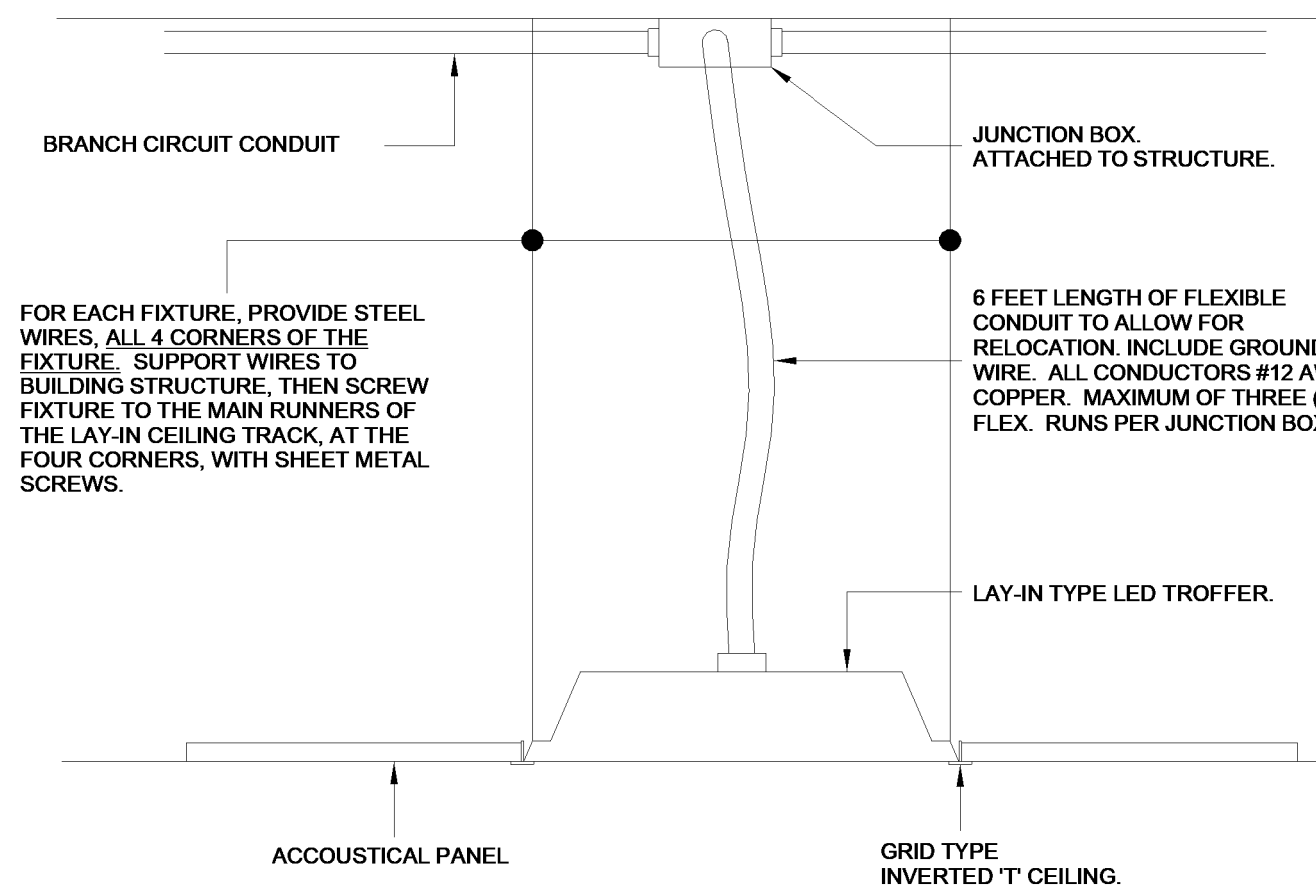


1 MILLWORK - WAINSCOTING TYPE A
A5.12 1" = 1'-0"

DOOR & FRAME SCHEDULE																
DOOR NO.	WIDTH	HEIGHT	THICK.	SIZE	PANEL	GLASS	TYPE	MATERIAL / FINISH	JAMB	HEAD	DEPTH	SIDE W.	GLASS	FIRE (MIN.)	HW SET	NOTES
LEVEL 01																
100A	3'-0"	2'-8"	1 3/4"	F	SCW / WDP-1	-		HDW / WDP-1	2"	0"				-	08	HALF DOOR FRAME
100B	3'-0"	2'-8"	1 3/4"	F	SCW / WDP-1	-		HDW / WDP-1	2"	0"				-	08	HALF DOOR FRAME
103	15'-10"	8'-0"	1 3/4"	(2) NS	SCW / WDP-1	G-1*	FM-T	HM-C / PNT-X*	2"	2"	8 1/4"				08, AST	
103-2	3'-0"	8'-0"	1 3/4"	FG	SCW / WDP-1	G-1*		HM-C / PNT*	2"	2"	8 1/4"				ACL	
103A	3'-0"	8'-0"	1 3/4"	FG	SCW / WDP-1			HM-C / PNT*	2"	2"	8 1/4"				KL, CL, SWM	
103C	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1X		FM	HM-C / PNT-X*	2"	2"	8 1/4"				02	
103E	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"				04	
104-1	6'-0"	8'-0"	1 3/4"	FG	SCW / WDP-1	G-1*	HM	HM-C / PNT*	2"	2"	8 1/4"				01B, AST	
104-2	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				ACL	
104-3	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				ACL, CL	
104-4	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104B	9'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104C	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104D	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104E	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104F	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104H	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104I	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104K	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104L	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104M	6'-0"	8'-0"	1 3/4"	FG	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"				04	
104N	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104P	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104Q	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104R	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104S	6'-0"	8'-0"	1 3/4"	FG	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"				04	
104T	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
104U	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1X		FM	HM-C / PNT-X*	2"	2"	8 1/4"				02	
104V	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1X		FM	HM-C / PNT-X*	2"	2"	8 1/4"				02	
104X	5'-11"	7'-10"	1 3/4"	FG1	ALUM		SF11								05	
104Y	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01B, ACL	
106	0	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"				01	
106A	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"				ACL, CL	
106B	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"				ACL, CL	
106B-1	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"				ACL, CL	
106C	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1X		FM	HM-C / PNT-X*	2"	2"	8 1/4"				02	
107	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"				01	
108	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"			01B	
109	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1X		FM	HM-C / PNT-X*	2"	2"	8 1/4"				14	
110	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-1*		01B	
110A	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	CRS. GS. SS. ?	2"	2"	8 1/4"				01	
110B	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	CRS. GS. SS. ?	2"	2"	8 1/4"				04	
110C	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				01	
110D	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				01	
112	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-1*		HS3, CL	
112A	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				01	
112B	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1X		FM	HM-C / PNT-X*	2"	2"	8 1/4"				01	
112C	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				01	
112D	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-1*		01	
113	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-1*		HS3, CL	
113A	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-1*		01B, ACL	
113B	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-1*		01	
113C	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	1'-6"	TG-2*		02	
113D	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				02	
113F	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	1'-6"	TG-2*		01	
113G	6'-0	14"	1 3/4"	FG1	ALUM	TG-3*	SF06								01	
113H	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	1'-6"	TG-2*		01	
114	6'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				07	
114A	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				01	
114B	6'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				01	
114C	5'-0"	3'-4 3/4"	1 3/4"	F	HDW / WDP-1			HDW / WDP-1	2"	4"					08	HALF DOOR FRAME
114D	3'-0"	2'-10 1/2"	1 3/4"	F	HDW / WDP-1			HDW / WDP-1	2"	4"					08	HALF DOOR FRAME
114E	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				09	
116	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	CRS. GS. SS. ?	2"	2"	8 1/4"				01B, ACL	
116-1	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM	HM-C / PNT*	2"	2"	8 1/4"				01B, ACL	
116A	3'-0"	8'-0"	1 3/4"	F	HM, HMI, FRP. ?		FM	CRS. GS. SS. ?	2"	2"	8 1/4"				01	
116B	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		HM-2S	HM-C / PNT*	2"	2"	8 1/4"				01	
116C	3'-0"	8'-0"	1 3/4"	F	HM, HMI, FRP. ?		FM-SL	CRS. GS. SS. ?	2"	2"	8 1/4"	2'-0"	TG-2*		01	
116D	6'-0	14"	1 3/4"	FG1	ALUM	G-1*	SF08								01B, AST, HO	PANIC
117	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"				45 MIN.	01B, AST
117C	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
117D	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
117E	6'-0	14"	1 3/4"	FG1	ALUM	TG-2*	SF09								01B, AST, HO	
117F	3'-0"	8'-0"	1 3/4"	F	HM, HMI, FRP. ?		FM	CRS. GS. SS. ?	2"	2"	8 1/4"				PL, SWM	
117G	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
117H	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
117I	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
117J	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
117L	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
117M	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
117N	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118	6'-0"	8'-0"	1 3/4"	FG1	ALUM	G-1*	SF07								01B, AST, HO	
118A	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118B	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118C	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118D	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118E	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118F	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118G	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118H	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118I	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118K	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	
118L	3'-0"	8'-0"	1 3/4"	F	SCW / WDP-1		FM-SL	HM-C / PNT*	2"	2"	8 1/4"	2'-0"	TG-2*		01	

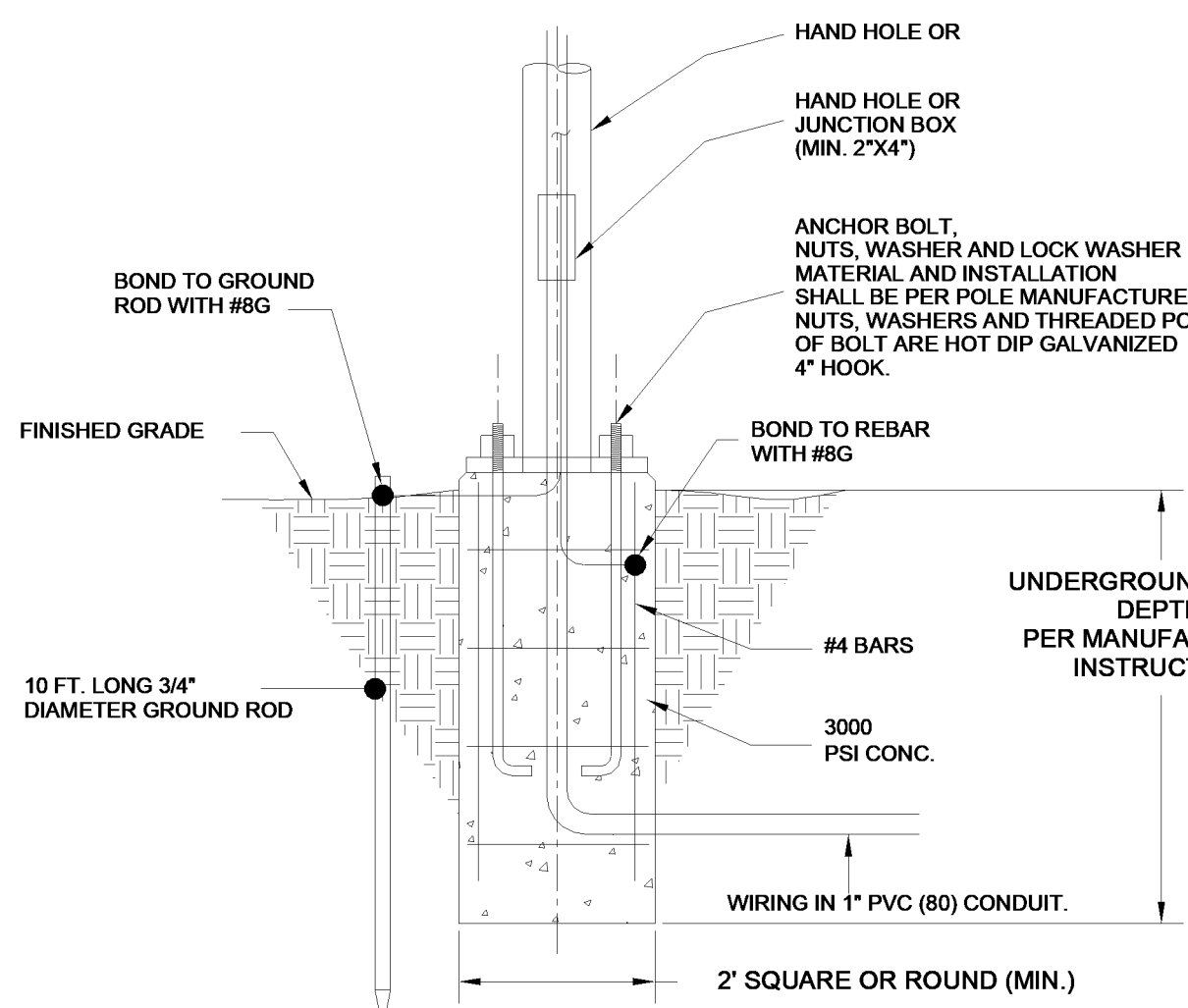
LIGHTING SEQUENCE OF OPERATIONS

- EXTERIOR:
 - ALL EXTERIOR LIGHTS SHALL BE CONTROLLED VIA PHOTOCELL FROM DUSK UNTIL DAWN.
 - ALL EXTERIOR FIXTURES, EXCEPT FOR NORMALLY OFF EMERGENCY LIGHTS, SHALL BE ZONED BY FIXTURE TYPE AND HAVE DIMMING CONTROL.
- MASTER INTERIOR CONTROLS FOR CIRCULATION (CORRIDORS), VESTIBULES:
 - ALL FIXTURES ON A TIME SCHEDULE CONTROLLED VIA THE BAS. OCCUPANCY SENSORS THROUGHOUT WILL DICTATE FIXTURE BRIGHTNESS. DURING BUSINESS HOURS, LIGHTS WILL BE SET TO FULL BRIGHTNESS WHEN THE SPACE IS OCCUPIED AND DIMMED TO 50% BRIGHTNESS WHEN UNOCCUPIED FOR 30 MINUTES. DURING OFF HOURS, LIGHTS WILL BE AT FULL BRIGHTNESS WHEN THE SPACE IS OCCUPIED AND OFF WHEN UNOCCUPIED FOR 30 MINUTES.
- LOBBIES, MONUMENTAL STAIRS:
 - ALL FIXTURES ON A TIME SCHEDULE CONTROLLED VIA THE BAS. OCCUPANCY SENSORS THROUGHOUT WILL DICTATE FIXTURE BRIGHTNESS. DURING BUSINESS HOURS, LIGHTS WILL BE SET TO A FIELD PROGRAMMED BRIGHTNESS WHEN THE SPACE AND OCCUPANCY SENSORS WILL BE DISABLED. DURING OFF HOURS, LIGHTS WILL BE SET TO A FIELD PROGRAMMED BRIGHTNESS WHEN THE SPACE IS OCCUPIED AND OFF WHEN UNOCCUPIED WITH 30 MINUTE TIMEOUT.
- ENCLOSED STAIRS:
 - INTERIOR OCCUPANCY SENSOR IN FIXTURES- ALWAYS ON. DIM TO 50% WHEN UNOCCUPIED, 100% OCCUPIED
- GANG TOILETS:
 - CEILING MOUNTED OCCUPANCY CONTROLS WITH 30 MINUTE TIMEOUT AND MANUAL SWITCH OVERRIDE
- INDIVIDUAL TOILETS:
 - WALL MOUNTED OCCUPANCY CONTROLS WITH 30 MINUTE TIMEOUT AND MANUAL SWITCH OVERRIDE
- ENCLOSED STANDARD OFFICES:
 - WALL MOUNTED VACANCY CONTROLS WITH 30 MINUTE TIMEOUT AND MANUAL SWITCH OVERRIDE
- ENCLOSED EXECUTIVE OFFICES:
 - CEILING MOUNTED VACANCY CONTROLS WITH 30 MINUTE TIMEOUT, MANUAL SWITCH OVERRIDE, AND DIMMING CONTROL
- OPEN OFFICES:
 - CEILING MOUNTED OCCUPANCY CONTROLS WITH 30 MINUTE TIMEOUT AND MANUAL SWITCH OVERRIDE AND DIMMING CONTROL
- CONFERENCE ROOMS:
 - CEILING MOUNTED VACANCY CONTROLS WITH 30 MINUTE TIMEOUT, MANUAL SWITCH OVERRIDE, AND DIMMING CONTROL. FIXTURES ZONED BY TYPE.
- WORK ROOMS:
 - OCCUPANCY CONTROLS (CEILING OR WALL MOUNTED) WITH 30 MINUTE TIMEOUT AND MANUAL SWITCH OVERRIDE.
- MAIN ELECTRICAL ROOM, MFG. DES:
 - SWITCH CONTROL ONLY
- BACK OF HOUSE, STORAGE, JANITORS:
 - WALL MOUNTED OCCUPANCY CONTROLS WITH 15 MINUTE TIMEOUT AND MANUAL SWITCH OVERRIDE.
- BREAKROOMS:
 - CEILING MOUNTED OCCUPANCY CONTROLS WITH 30 MINUTE TIMEOUT AND MANUAL SWITCH OVERRIDE
- GENEOLOGY FILES:
 - CEILING MOUNTED OCCUPANCY CONTROLS WITH 30 MINUTE TIMEOUT AND MANUAL SWITCH OVERRIDE
- COURTROOMS:
 - USER SELECTED TIME SCHEDULE ON/OFF WITH LOCAL TOUCHSCREEN CONTROL WITH 2 HOUR OVERRIDE
 - ZONES PER PLANS
 - ALL ZONES TO HAVE DIMMING CONTROL
- JURY DELIBERATION:
 - CEILING MOUNTED OCCUPANCY CONTROLS WITH 30 MINUTE TIMEOUT, MANUAL SWITCH OVERRIDE, AND DIMMING CONTROLS
- SECURE AREAS (SALLYPORT, CIRCULATION):
 - ALL FIXTURES ON A TIME SCHEDULE CONTROLLED VIA THE BAS. DURING BUSINESS HOURS, FIXTURES SHALL BE AT FULL BRIGHTNESS. AFTER HOURS, FIXTURES TO BE AT 20% BRIGHTNESS. MANUAL OVERRIDE AT THE MASTER TOUCH SCREEN CONTROL IN THE COMMAND CENTER.
- SECURE AREAS (MEETING ROOMS, HOLDING CELLS):
 - ALL FIXTURES ON A TIME SCHEDULE CONTROLLED VIA THE BAS. DURING BUSINESS HOURS, FIXTURES SHALL BE AT FULL BRIGHTNESS. AFTER HOURS, FIXTURES TO BE OFF. MANUAL OVERRIDE AT THE MASTER TOUCH SCREEN CONTROL IN THE COMMAND CENTER.



LIGHT FIXTURE INSTALLATION DETAIL

NOT TO SCALE



NOTES:

- THIS DETAIL IS A GUIDE LINE. SEE POLE MANUFACTURER INFORMATION FOR FURTHER INFORMATION. MANUFACTURER INFORMATION SHALL SUPERSEDE THE INFORMATION SHOWN ABOVE.

POLE BASE DETAIL

NOT TO SCALE

LIGHT FIXTURE SCHEDULE

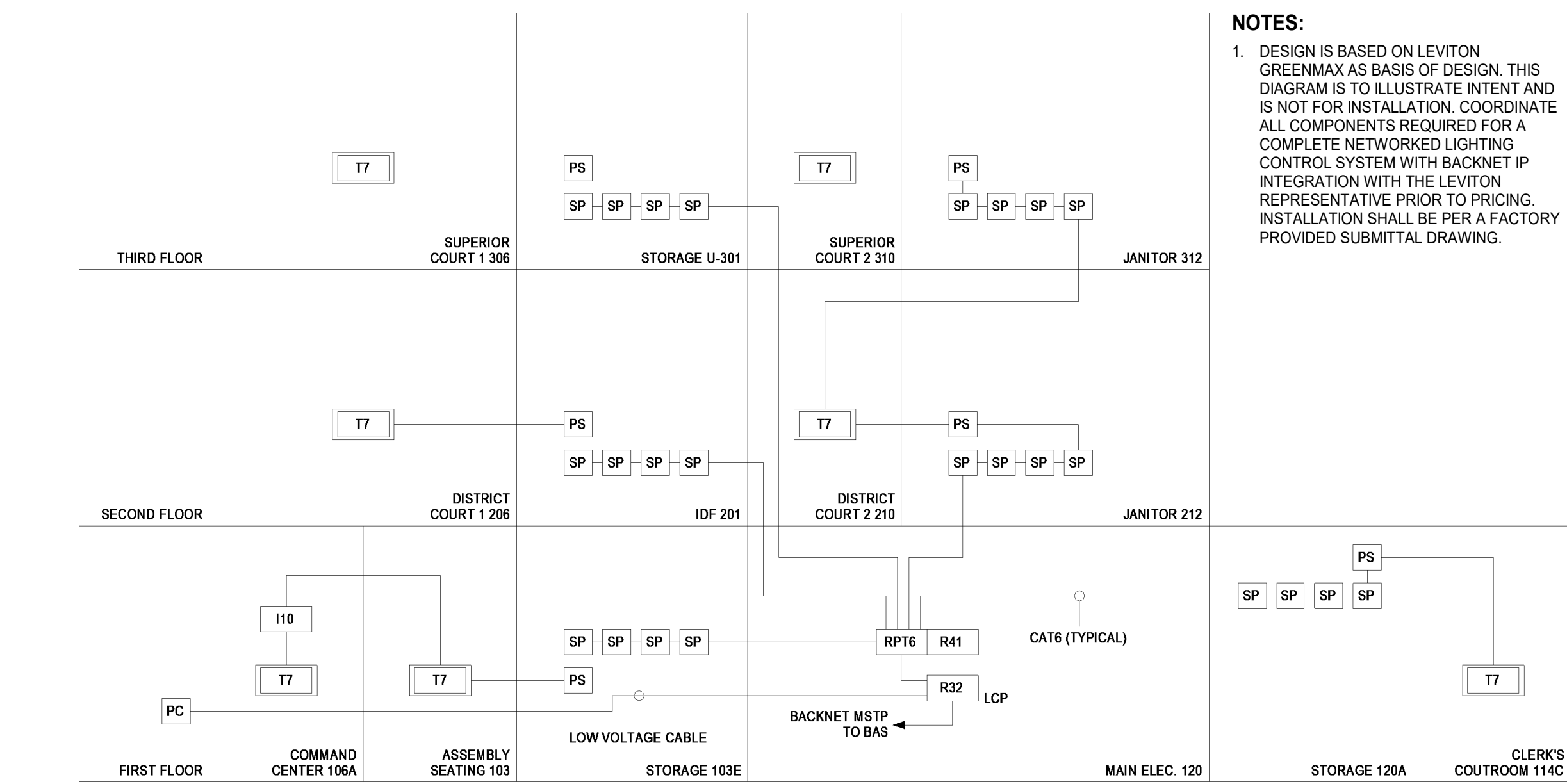
TYPE	DESCRIPTION	CATALOG	ELECTRICAL DATA	NOTES
L1	4" RECESSED LINEAR SLOT FIXTURE 4" APERTURE	ORACLE LIGHTING: OLS-R-LED-4-S-4-750L-DIM10-MVOLT-35K-85-WH	3000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 22 WATTS - 24 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L2	8" RECESSED LINEAR SLOT FIXTURE 4" APERTURE	ORACLE LIGHTING: OLS-R-LED-6-S-4-750L-DIM10-MVOLT-35K-85-WH	4500 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 33 WATTS - 37 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L3	2'x2' RECESSED FLAT PANEL LED 3000 LUMEN	ORACLE LIGHTING: 22-FLP1-LED-2000/3000/4000L-DIM10-MVOLT-3540/50K-85	3000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 31 WATTS - 34 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L4	2'x4' RECESSED FLAT PANEL LED 5000 LUMEN	ORACLE LIGHTING: 24-FLP1-LED-4000/5000/6000L-DIM10-MVOLT-3540/50K-85	5000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 53 WATTS - 59 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L5	1'x4' RECESSED LED TROFFER 3000 LUMEN	ORACLE LIGHTING: 14-OVHP-LED-2000/3000/4000L-DIM10-MVOLT-3540/50K-85	3000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 24 WATTS - 27 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L6	2'x2' RECESSED LED TROFFER 3000 LUMEN	ORACLE LIGHTING: 22-OVHP-LED-2000/3000/4000L-DIM10-MVOLT-3540/50K-85	3000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 22 WATTS - 24 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L7	2'x4' RECESSED LED TROFFER 4000 LUMEN	ORACLE LIGHTING: 24-OVHP-LED-3000/4000/5000L-DIM10-MVOLT-3540/50K-85	4000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 53 WATTS - 57 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L8	4" RECESSED CAN LIGHT 1000 LUMEN	MAXILUME LIGHTING: HH4-LED-1000/1500/2000L-DIM10-MVOLT-MD-27K/30K/35K/40K-90	1000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 12 WATTS - 13 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -EMG-LED-10W
L9	8" RECESSED CAN LIGHT 2000 LUMEN	MAXILUME LIGHTING: HH6-LED-2000/2500/3000L-DIM10-MVOLT-MD-27K/30K/35K/40K-90	2000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 25 WATTS - 28 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -EMG-LED-10W
L10	4' LED STRIP LIGHT 4000 LUMEN	ORACLE LIGHTING: 4-OC1-LED-3000/4000/5000L-DIM10-MVOLT-35K/40K/50K-85-V2	4000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 31 WATTS - 34 VA, 120-277V	PROVIDE WITH MOUNTING ACCESSORIES AS REQUIRED. WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -EMG-LED-10W
L11	4' LED STRIP LIGHT 4000 LUMEN VAPOR TIGHT	ORACLE LIGHTING: 4-OWS-LED-4000/5000/6000L-DIM10-MVOLT-35K/40K/50K-85	4000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 33 WATTS - 37 VA, 120-277V	INSTALL IN ELEVATOR SHAFT AS DIRECTED BY ELEVATOR MANUFACTURER AND ELEVATOR SHOP DRAWINGS
L12	4' LED DIRECT/INDIRECT WALL MOUNT 4000 LUMEN	ORACLE LIGHTING: 4-ASW2-LED-4000L-DIM10-MVOLT-35K-85-50U50	4000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 37 WATTS - 41 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED
L13	2' LED LINEAR VANITY LIGHT 1700 LUMEN	ELITE LIGHTING: OVL-S-LED-24-1700L-DIMTR-120V-27K/30K/35K/40K-90-BN	1700 LUMEN LED, 3500K ELECTRONIC DRIVER 24 WATTS - 27 VA, 120V	SEE ARCHITECT INTERIOR ELEVATIONS FOR MOUNTING HEIGHT
L14	4' LED VANDAL RESISTANT WRAP 5000 LUMEN	ORACLE LIGHTING: 4-OV2R-LED-5000L-DIM10-MVOLT-35K-85	5000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 40 WATTS - 44 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L15	4" VANDAL RESISTANT RECESSED CAN LIGHT 1500 LUMEN	CERTOLUX: BDL4-FSS-SS-WD-8-35K-015L-UNV	1500 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 15 WATTS - 17 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -B39
L16	LED COVE LIGHT	CORONET: EZ-C-K-35-MED-UNV-DB-W-COVE-WAO	560 LUMEN PER FOOT LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 7 WATTS PER FOOT - 8 VA, 120-277V	PROVIDE LENGTHS AND SECTIONS AS INDICATED ON PLANS. SUBMIT SHOP DRAWINGS TO ARCHITECT AND EOR PRIOR TO PURCHASE
L17	8' LINEAR PENDANT 5000 LUMEN	CORONET: LS2-LVR-8-35-HIGH-UNV-DB-W-AC-FL	5000 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 60 WATTS - 67 VA, 120-277V	
L18	MEDIUM DECORATIVE PENDANT	SELECTED BY ARCHITECT. PROVIDE \$700 ALLOWANCE	40 WATT MAX, 120-277V	FIELD COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN
L19	LOW VOLTAGE LED TAPE LIGHT WET LOCATION LISTED	QLLS: 2"-M-1-L-3-E-1-L-A-D-3V-H-2"	175 LUMEN/FT LED, 3000K 0-10V DIMMING ELECTRONIC DRIVER 2.5 WATTS/FT - 3 VA/FT, 24V DC	PROVIDE WITH COMPATIBLE DRIVER AND INSTALL IN WET LOCATION LISTED ENCLOSURE IN LANDSCAPE PLANTERS. FIELD COORDINATE EXACT LOCATION AND INSTALLATION WITH ARCHITECT PRIOR TO ROUGH-IN
L20	LINEAR LED FIXTURE RECESSED MOUNTED	CORONET: PG2-X-35-HIGH-UNV-DB-W-NT-4	674 LUMEN PER FOOT LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 7.5 WATTS PER FOOT - 8.3 VA, 120-277V	PROVIDE LENGTHS AND SECTIONS AS INDICATED ON PLANS. SUBMIT SHOP DRAWINGS TO ARCHITECT AND EOR PRIOR TO PURCHASE
L21	CURVED LED FIXTURE RECESSED MOUNTED	CORONET: LSR2-CURVE-X-35-MED-UNV-DB-W-NT-FL	520 LUMEN PER FOOT LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 5.5 WATTS PER FOOT - 6.1 VA, 120-277V	PROVIDE LENGTHS AND SECTIONS AS INDICATED ON PLANS. SUBMIT SHOP DRAWINGS TO ARCHITECT AND EOR PRIOR TO PURCHASE
L22	5' RECESSED LINEAR SLOT FIXTURE 4" APERTURE WITH BLADE BAFFLE	ORACLE LIGHTING: OLS-R-LED-4-HC-TL-S-5-750L-BLR-8K-DIM10-MVOLT-35K-85-WH	3750 LUMEN LED, 3500K 0-10V DIMMING ELECTRONIC DRIVER 28 WATTS - 31 VA, 120-277V	WHERE LABELED TO BE USED AS EMERGENCY FIXTURE, PROVIDE OPTION: -0-EMG-LED-10W
L23	TALL TUBE SCENCE WET LOCATION LISTED 2500 LUMEN	JUSTICE DESIGN GROUP: PNA-7616W-WAVE-NCKL	2500 LUMEN LED, 3000K ELECTRONIC DRIVER 32 WATTS - 36 VA, 120-277V	SEE ARCH ELEVATIONS FOR MOUNTING HEIGHT
L24	4' EXTERIOR LINEAR WALL WASH WET LOCATION LISTED	TSLC LIGHTING: H63014R-48-30K-120-AC-D-7	2268 LUMEN LED, 3000K 0-10V DIMMING ELECTRONIC DRIVER 28 WATTS - 31 VA, 120-277V	FIXTURE TO BE MOUNTED AND AIMED TO WASH BUILDING SEAL. FIELD COORDINATE EXACT LOCATION AND AIMING
L25	EXTERIOR LIGHT BEAM FIXTURE WET LOCATION LISTED	IGUZZINI: ITRC-S-BO-JB-830-BL360-UNV-02	150 LUMEN LED, 3000K ELECTRONIC DRIVER 7 WATTS - 8 VA, 120-277V	INSTALL AT WINDOW SILL TO LIGHT WINDOW FRAME
L26	SMALL UP/DOWN WALL SCENCE WET LOCATION LISTED	IGUZZINI: S3952-930-NF-UNV-14-D-10	1190 LUMEN LED, 3000K 0-10V DIMMING ELECTRONIC DRIVER 14 WATTS - 16 VA, 120-277V	SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT
L27	EXTERIOR WALL SCENCE FIXTURE WET LOCATION LISTED	ASTRO: 1333018	600 LUMEN LED, 3000K ELECTRONIC DRIVER 9 WATTS - 10 VA, 120-277V	SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT
L28	EXTERIOR WALL PACK 6000 LUMEN, T3 DISTRIBUTION WET LOCATION LISTED	NLS LIGHTING: NV-W-T3-16L-1-30K-UNV	6000 LUMEN LED, 3000K 0-10V DIMMING ELECTRONIC DRIVER 55 WATTS - 61 VA, 120-277V	SUGGESTED MOUNTING HEIGHT AT 15' A.F.F. CONFIRM WITH ARCHITECT PRIOR TO ROUGH-IN. WHERE INDICATED FOR USE AS EMERGENCY LIGHT PROVIDE WITH OPTION: -EMCP
L29	EXTERIOR WALL PACK 6000 LUMEN, T4 DISTRIBUTION WET LOCATION LISTED	NLS LIGHTING: NV-W-T4-16L-1-30K-UNV	6000 LUMEN LED, 3000K 0-10V DIMMING ELECTRONIC DRIVER 55 WATTS - 61 VA, 120-277V	SUGGESTED MOUNTING HEIGHT AT 15' A.F.F. CONFIRM WITH ARCHITECT PRIOR TO ROUGH-IN. WHERE INDICATED FOR USE AS EMERGENCY LIGHT PROVIDE WITH OPTION: -EMCP
L30	LANTERN STYLE POLE MOUNT AREA LIGHT 5000 LUMEN, T3 DISTRIBUTION WET LOCATION LISTED	NLS LIGHTING: BV-1-T3-32L-53-30K-UNV	5000 LUMEN LED, 3000K 0-10V DIMMING ELECTRONIC DRIVER 54 WATTS - 60 VA, 120-277V	MOUNT FIXTURE AT 15' A.F.F. PROVIDE WITH POLE TO MATCH FIXTURE. CONFIRM POLE AND FIXTURE EPA IS ACCEPTABLE FOR PROJECT LOCATION WIND RATING.
L31	LANTERN STYLE POLE MOUNT AREA LIGHT 5000 LUMEN, T5 DISTRIBUTION WET LOCATION LISTED	NLS LIGHTING: BV-1-T5-32L-53-30K-UNV	5000 LUMEN LED, 3000K 0-10V DIMMING ELECTRONIC DRIVER 54 WATTS - 60 VA, 120-277V	MOUNT FIXTURE AT 15' A.F.F. PROVIDE WITH POLE TO MATCH FIXTURE. CONFIRM POLE AND FIXTURE EPA IS ACCEPTABLE FOR PROJECT LOCATION WIND RATING.
L32	IN-GROUND FLOOD LIGHT 200 LUMEN WET LOCATION LISTED	IGUZZINI: ESF73-X491.13-500MA	200 LUMEN LED, 3000K ELECTRONIC DRIVER 4 WATTS - 5 VA, 120-277V	PROVIDE WITH COMPATIBLE REMOTE DRIVER AND FIELD COORDINATE INSTALLATION IN WEATHER PROOF IN-GROUND ENCLOSURE IN PLANT BED. FIELD COORDINATE FIXTURE LOCATIONS WITH ARCHITECT.
L33	FLAG POLE LIGHT 5000 LUMEN WET LOCATION LISTED	NLS: NV-F1-55-16L-45W-30K7-UNV	5000 LUMEN LED, 3000K 0-10V DIMMING ELECTRONIC DRIVER 45 WATTS - 50 VA, 120-277V	FIELD COORDINATE EXACT FIXTURE LOCATION AND AIMING WITH ARCHITECT PRIOR TO ROUGH-IN. PROVIDE WITH MOUNTING ACCESSORIES AS REQUIRED FOR FULL INSTALLATION.

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	CATALOG	ELECTRICAL DATA	NOTES
EX	EDGE LIT EXIT SIGN 1 SIDED - RED LETTERING WITH BATTERY BACKUP	ISOLITE: ELT2-EM-R-1C-AG-BA-**-AN	2.5 WATTS - 3 VA, 120-277V	PROVIDE MOUNTING TYPE TO MATCH FIXTURE AS SHOWN ON PLANS. PROVIDE DIRECTIONAL ARROW AS SHOWN ON PLANS
EX2	EDGE LIT EXIT SIGN 2 SIDED - RED LETTERING WITH BATTERY BACKUP	ISOLITE: ELT2-EM-R-2W-AG-BA-**-AN	2.5 WATTS - 3 VA, 120-277V	PROVIDE MOUNTING TYPE TO MATCH FIXTURE AS SHOWN ON PLANS. PROVIDE DIRECTIONAL ARROW AS SHOWN ON PLANS
EX/TR	EXIT LIGHT WITH WIREGUARD WITH TAMPER RESISTANT SCREWS 1 SIDED WITH RED LETTERING WITH BATTERY BACKUP	ISOLITE: RL-EM-R-U-WH-MTEB-SD WIREGUARD: WG-16.0LX11.0WX3.0D	2.5 WATTS - 3 VA, 120-277V	PROVIDE MOUNTING TYPE TO MATCH FIXTURE AS SHOWN ON PLANS. PROVIDE DIRECTIONAL ARROW AS SHOWN ON PLANS
EG	EMERGENCY LIGHT WITH BATTERY BACKUP	ISOLITE: BUG-6W-WHOMB-SD	8 WATTS - 7 VA, 120-277V	INSTALL AT 7.5' A.F.F.

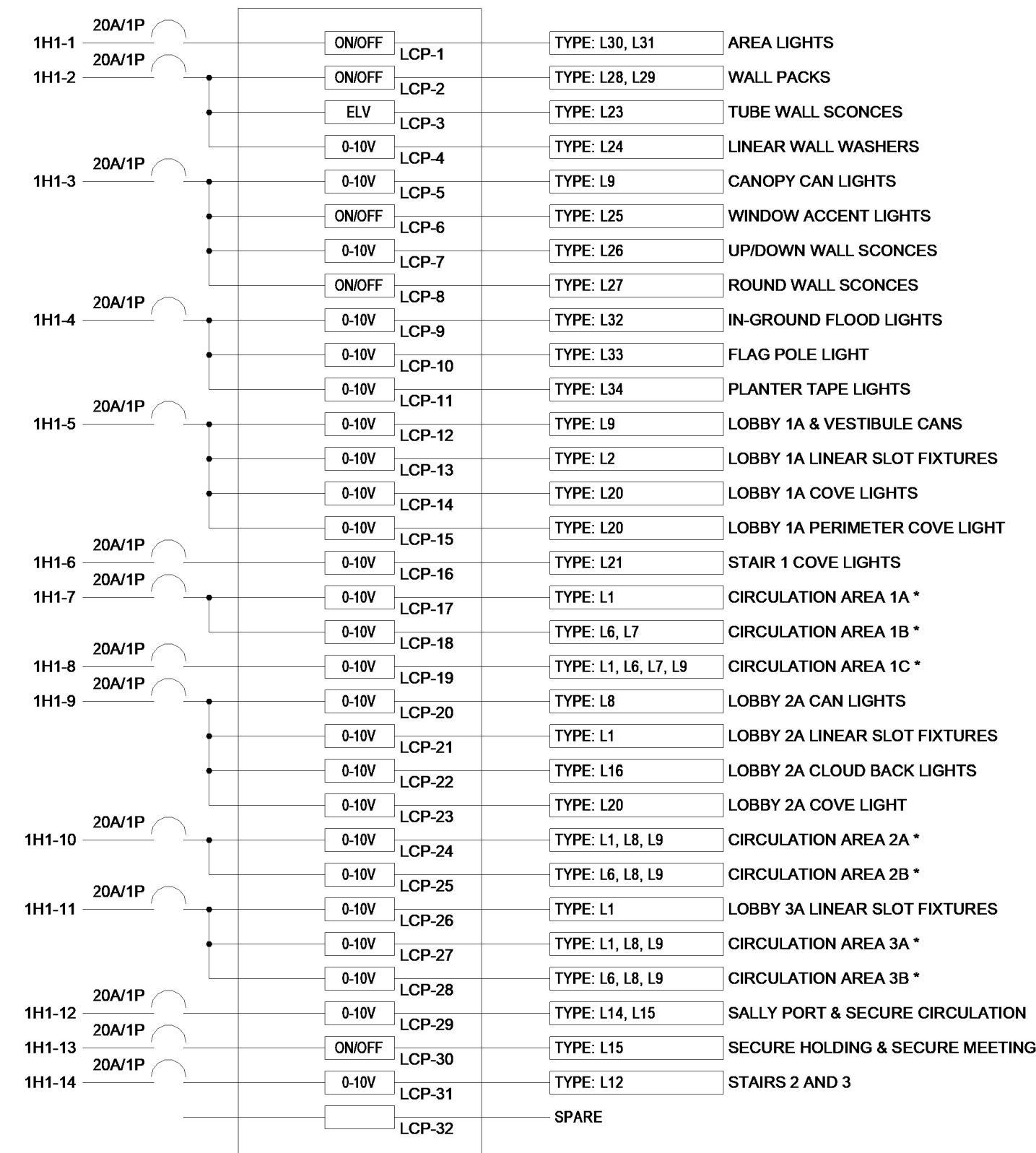
NOTES:

- SEE ARCHITECTURAL PLANS FOR MOUNTING LOCATIONS AND HEIGHTS. FIELD COORDINATE MOUNTING HEIGHT WITH ARCHITECT IF NOT SHOWN ON ARCHITECTURAL PLAN.
- E.C. SHALL SUBMIT CATALOG TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING. FINISH, COLOR, TRIM, ETC. ARE SUBJECT TO CHANGE PER ARCHITECT.
- LED COLOR:
 - INTERIOR: 3500K UNLESS OTHERWISE NOTED.
 - EXTERIOR: 3000K UNLESS OTHERWISE NOTED.
 - VERIFY LED COLOR TEMPERATURE WITH ARCHITECT PRIOR TO ORDERING.
- EQUAL FIXTURES ARE ACCEPTABLE AT THE DISCRETION OF THE ARCHITECT AND EOR. SUBMIT PROPOSED EQUALS FOR APPROVAL PRIOR TO BID PER PROJECT MANUAL.
- REFERENCES TO ABOVE FINISHED FLOOR SHALL BE TAKEN FROM THE REFERENCED PLAN LEVEL. FOR EXTERIOR FIXTURES, CONFIRM ALL MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.



LIGHTING CONTROL SYSTEM RISER

NOT TO SCALE



NOTES:

- DESIGN IS BASED ON LEVITON GREENMAX AS BASIS OF DESIGN. THIS DIAGRAM IS TO ILLUSTRATE INTENT AND IS NOT FOR INSTALLATION. COORDINATE ALL COMPONENTS REQUIRED FOR A COMPLETE NETWORKED LIGHTING CONTROL SYSTEM WITH BACKNET IP INTEGRATION WITH THE LEVITON REPRESENTATIVE PRIOR TO PRICING. INSTALLATION SHALL BE PER A FACTORY PROVIDED SUBMITTAL DRAWING.
- VERIFY DIMMING COMPATIBILITY WITH FIXTURE TYPES CONTROLLED PRIOR TO PURCHASING DIMMING RELAYS.
- * AREAS DO NOT CORRESPOND TO SHEET NAMING CONVENTION. SEE PLANS FOR DETAILS.

LIGHTING CONTROL PANEL DETAIL

NOT TO SCALE

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1
E1.00

ELECTRICAL SITE PLAN

1" = 20'-0"

S. CHURCH STREET

NEW ENTRY PLAZA

W. NASH STREET

107

105

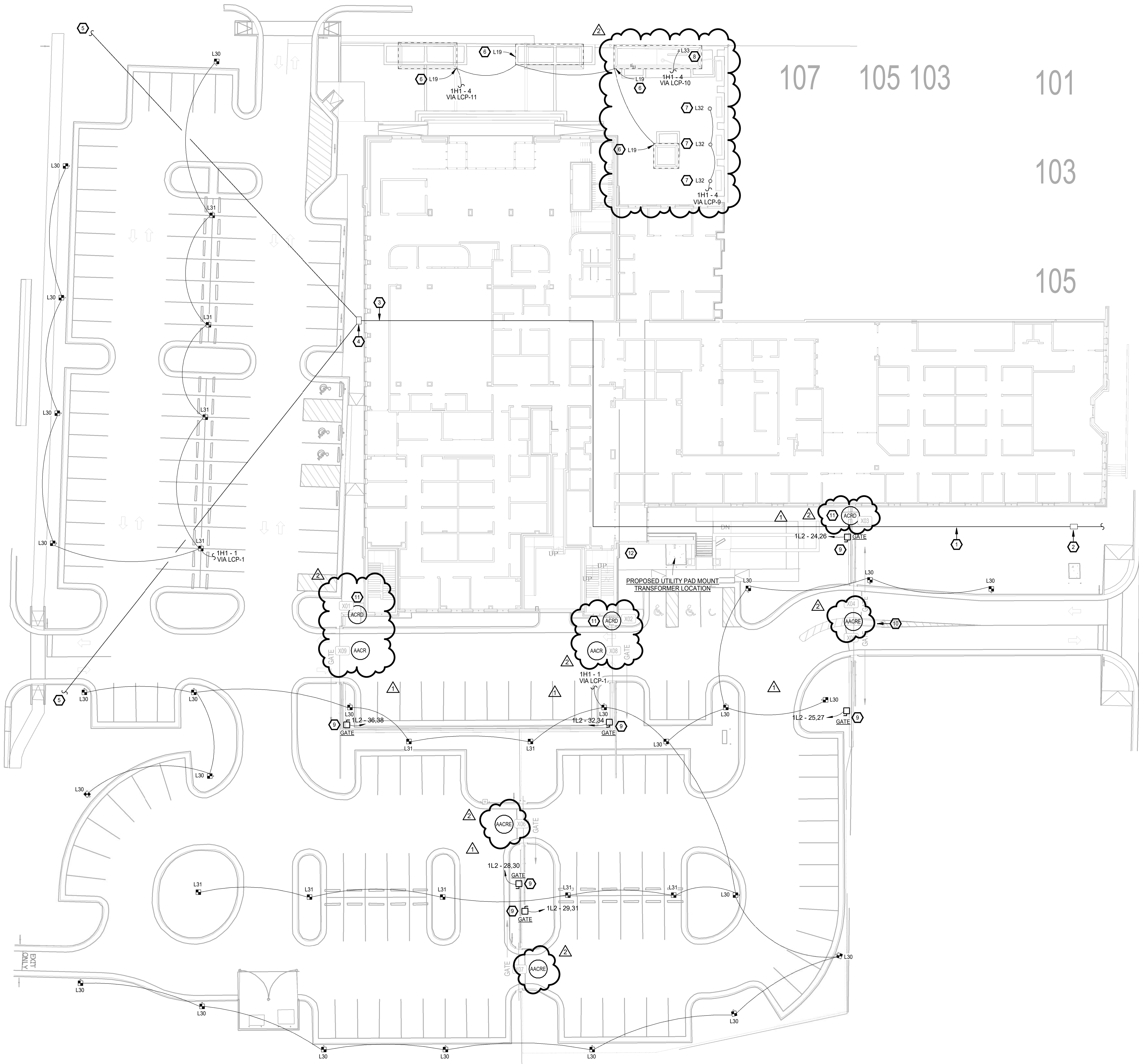
103

101

103

105

S. MAIN STREET



NOTES:

- ALL WORK ASSOCIATED WITH THE INSTALLATION OF THE NEW PRIVATE FIBER CIRCUIT BETWEEN THE NEW JUDICIAL ANNEX AND THE EXISTING HISTORIC COURTHOUSE SHALL BE COORDINATED AHEAD OF TIME WITH THE RESPONSIBLE PARTIES AT FRANKLIN COUNTY INCLUDING BUT NOT LIMITED TO:
A. TROY POWELL - CAPITAL PROJECT MANAGER, (919)-760-5763
B. RYAN MURRAY - TOWN OF LOUISBURG ELECTRIC DEPARTMENT SUPERINTENDENT, (919)-495-7626

KEY NOTES E1.00

- E.C. TO PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
- PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
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- NEW IN-GROUND FIBER PULLBOX FOR NEW TELECOMMUNICATION SERVICES. FIELD COORDINATE EXACT LOCATION WITH ARCHITECT, OWNER, AND SERVICE PROVIDER PRIOR TO ROUGH-IN.
- PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
- PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
- PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
- PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
- PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
- PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
- PROVIDE (1) 1/4" CONDUIT WITH NEW FIBER OPTIC CABLE AS REQUIRED FOR NEW FIBER CIRCUIT FROM THE EXISTING HISTORIC COURTHOUSE TO THE NEW JUDICIAL ANNEX ADDITION MDF ROOM. ROUTE CONDUIT UNDERGROUND TO SOUTH MAIN STREET AND DIRECTIONALLY BORE ACROSS MAIN STREET TO EXISTING UTILITY POLE. ROUTE NEW FIBER OPTIC CABLE UP UTILITY POLE AND FOLLOW EXISTING OVERHEAD FIBER CIRCUIT ROUTING BACK TO EXISTING HISTORIC COURTHOUSE. ONCE NEW FIBER CIRCUIT HAS BEEN INSTALLED AND IS ONLINE, THE EXISTING FIBER OPTIC LINE SHALL BE DEMOLISHED. COORDINATE INSTALLATION WITH OWNER, ARCHITECT, SITE CONTRACTOR, AND TOWN OF LOUISBURG ELECTRIC UTILITY. SEE E1.01 FOR DETAILS.
- COORDINATE THE INSTALLATION OF THE NEW ELECTRICAL SERVICE ENTRANCE CONDUCTORS WITH THE LOCAL UTILITY PROVIDER AND THE GC PRIOR TO ROUGH-IN. COORDINATE WITH GC TO RAISE LOWER FOOTINGS IN THIS AREA FOR CONDUIT INSTALLATION.

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North Carolina Engineering Registration #E-1507
PROJECT NUMBER

BID SET
FRANKLIN JUDICIAL CENTER
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549

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ENGINEER
JAMES C. BRYAN
MECHANICAL
N.C.

SEAL
048828
ENGINEER
JAMES C. BRYAN
MECHANICAL
N.C.

GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions		
#	Description	Date
1	ADDENDUM #1	09/12/25
2	ADDENDUM #2	09/22/25

Date
09/02/25

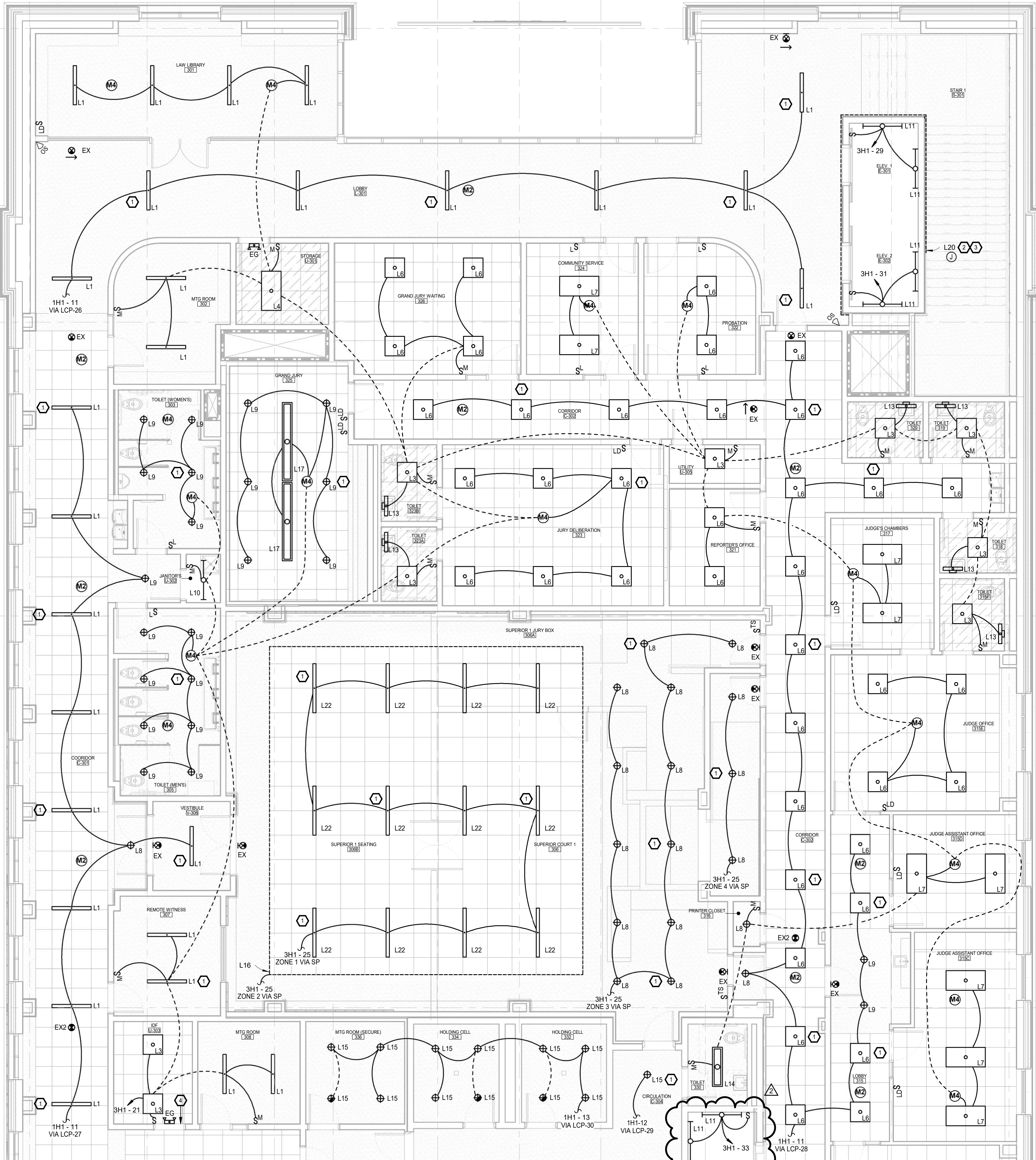
Project No.
21054

Drawn By
MCB

Sheet No.
E1.00

Checked By
MCB

Sheet Title
ELECTRICAL SITE PLAN



1
E1.12A

1. FIXTURE TO BE USED AS EMERGENCY LIGHT. CONNECT BATTERY BACKUP UNSWITCHED AHEAD OF NORMAL CONTROL. FIXTURE TO RETURN TO FULL BRIGHTNESS ON LOSS OF NORMAL POWER WHEN AVAILABLE.
2. FIXTURE TO BE USED AS EMERGENCY LIGHT. CONNECT EMERGENCY LIGHTING INVERTER AHEAD OF NORMAL CONTROL. UNSWITCHED FIXTURE TO RETURN TO FULL BRIGHTNESS UPON LOSS OF NORMAL POWER.
3. CONTINUOUSLY LIFT COVE LIGHT AROUND THE PERIMETER OF THE ELEVATOR SHAFT. SEE 1E/1.11A FOR CONTINUATION. REFER TO ARCHITECTURAL PLANS AND FIELD COORDINATE INSTALLATION WITH ARCHITECT PRIOR TO ROUGH-IN.
4. PROVIDE 1-10V SMART PAK DIMMING CONTROLLERS AND ALL ASSOCIATED DEVICES AND CABLES TO MEET SEQUENCE OF OPERATIONS FOR 4 ZONES OF CONTROL. PROVIDE 1-10V DIMMING EQUIPMENT WALL MOUNTED ABOVE DOOR OR READILY ACCESSIBLE ABOVE CEILING IN THIS ROOM. SEE 3E/3.02 FOR DETAILS.

[illegible]

LEVEL 3 - ENLARGED
LIGHTING PLAN

MCB	Sheet Title
	LEVEL 3 - ENLARGED LIGHTING PLAN

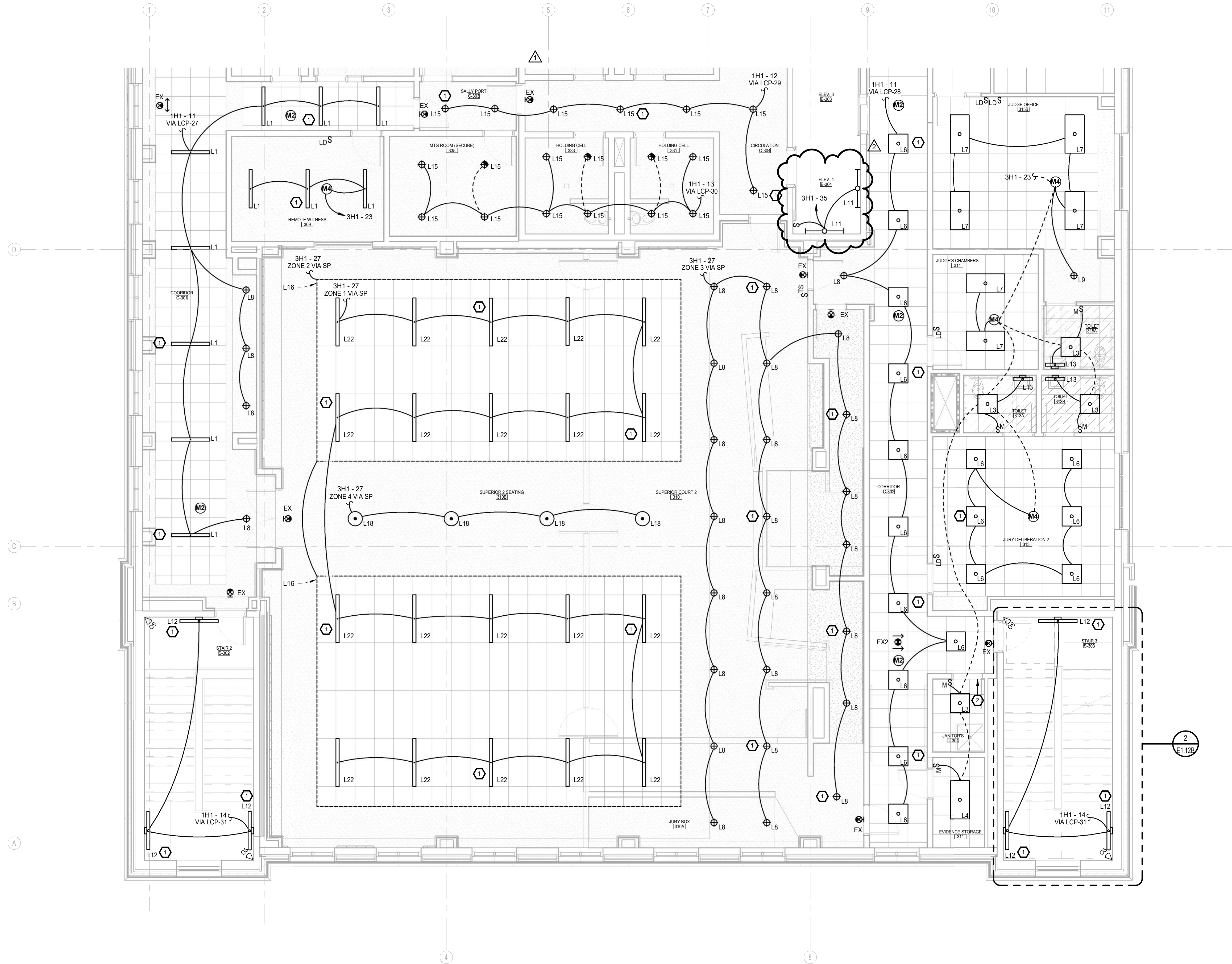
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1
E1.12B

LEVEL 3 - ENLARGED LIGHTING PLAN - B

3/16" = 1'-0"



KEY NOTES E1.12B

1. FIXTURE TO BE USED AS EMERGENCY LIGHT. CONNECT BATTERY BACKUP UNWITHTHED AHEAD OF NORMAL CONTROL. FIXTURE TO RETURN TO FULL BRIGHTNESS ON LOSS OF NORMAL POWER WHERE APPLICABLE.
2. PROVIDE 0-10V SMART PACK DIMMING CONTROLLERS AND ALL ASSOCIATED DEVICES AND CABLES TO MEET SEQUENCE OF OPERATIONS FOR 4 ZONES OF CONTROL IN SUPERIOR COURT 2. LOCATE EQUIPMENT WALL MOUNTED ABOVE DOOR OR READILY ACCESSIBLE ABOVE CEILING IN THIS ROOM. SEE 3E0.02 FOR DETAILS.

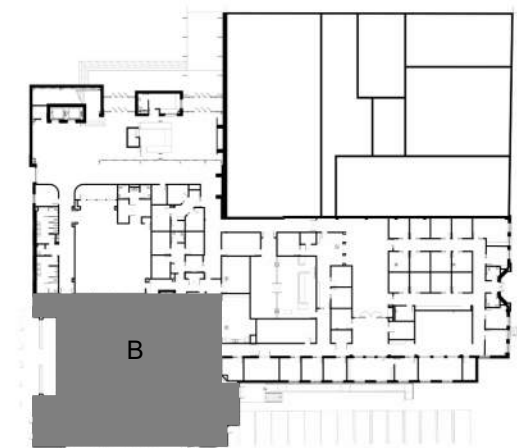
NOTES:

1. PROVIDE LOW VOLTAGE CABLE AND CONTROL WIRE AS REQUIRED FOR LIGHTING CONTROLS. SEE SYMBOL LEGEND ON E0.00 AND LIGHTING CONTROLS RISER ON E0.02 FOR DETAILS.
2. CONNECT EXIT LIGHTS TO THE LOCAL LIGHTING CIRCUIT UNWITHTHED.
3. INSTALL LIGHTING CONTROLS EQUIPMENT IN ACCESSIBLE CEILING SPACE UNLESS OTHERWISE NOTED. DO NOT INSTALL ABOVE HARD CEILINGS UNLESS ACCESSIBLE BY ACCESS PANEL. COORDINATE ACCESS PANEL LOCATIONS WITH ARCHITECT PRIOR TO EQUIPMENT ROUGH-IN.
4. CONTRACTOR TO SUBMIT A SITE SPECIFIC LIGHTING CONTROLS DIAGRAM FOR APPROVAL.
5. ALL FIXTURES AND ZONES CONTROLLED BY TOUCHSCREEN CONTROLS SHALL HAVE DIMMING CAPABILITIES AS INDICATED BY THE PLANS AND/OR THE SEQUENCE OF OPERATIONS.
6. SEE SEQUENCE OF OPERATIONS FOR CONTROL INTENT. PROVIDE LIGHTING CONTROLS AS REQUIRED TO IMPLEMENT DESIGN INTENT.
7. CEILING SENSORS AND POWERPACKS HAVE BEEN SHOWN FOR INTENT ONLY. ACTUAL QUANTITIES AND LOCATIONS SHALL BE VERIFIED BY THE CONTROLS MANUFACTURER/MANUFACTURERS REPRESENTATIVE. E.C. IS RESPONSIBLE FOR ALL DEVICES REQUIRED FOR RECOMMENDED COVERAGE IN EACH SPACE. OPEN OFFICE, FILE ROOMS, AND CONFERENCE ROOM AREAS SHALL HAVE SENSOR QUANTITIES BASED ON HAND MOTION ("SMALL MOTION") WITH A 20% OVERLAP IN COVERAGE.
8. IN ROOMS CONTAINING MULTIPLE FIXTURE TYPES, ZONE BY FIXTURE TYPE UNLESS SHOWN OTHERWISE.

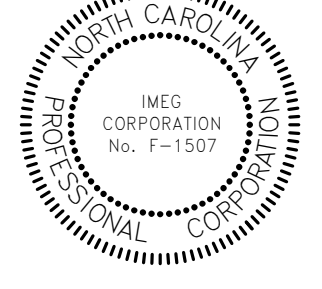
2 ROOF LIGHTING PLAN - STAIR 3

3/16" = 1'-0"

KEY PLAN



BID SET
FRANKLIN JUDICIAL CENTER
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549



GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	#	Description	Date
1	ADDENDUM #1	08/12/25	
2	ADDENDUM #2	08/22/25	

Date
09/02/25

Project No.
21054

Drawn By
MCB

Sheet No.
E1.12B

Checked By
MCB

Sheet Title
LEVEL 3 - ENLARGED LIGHTING PLAN

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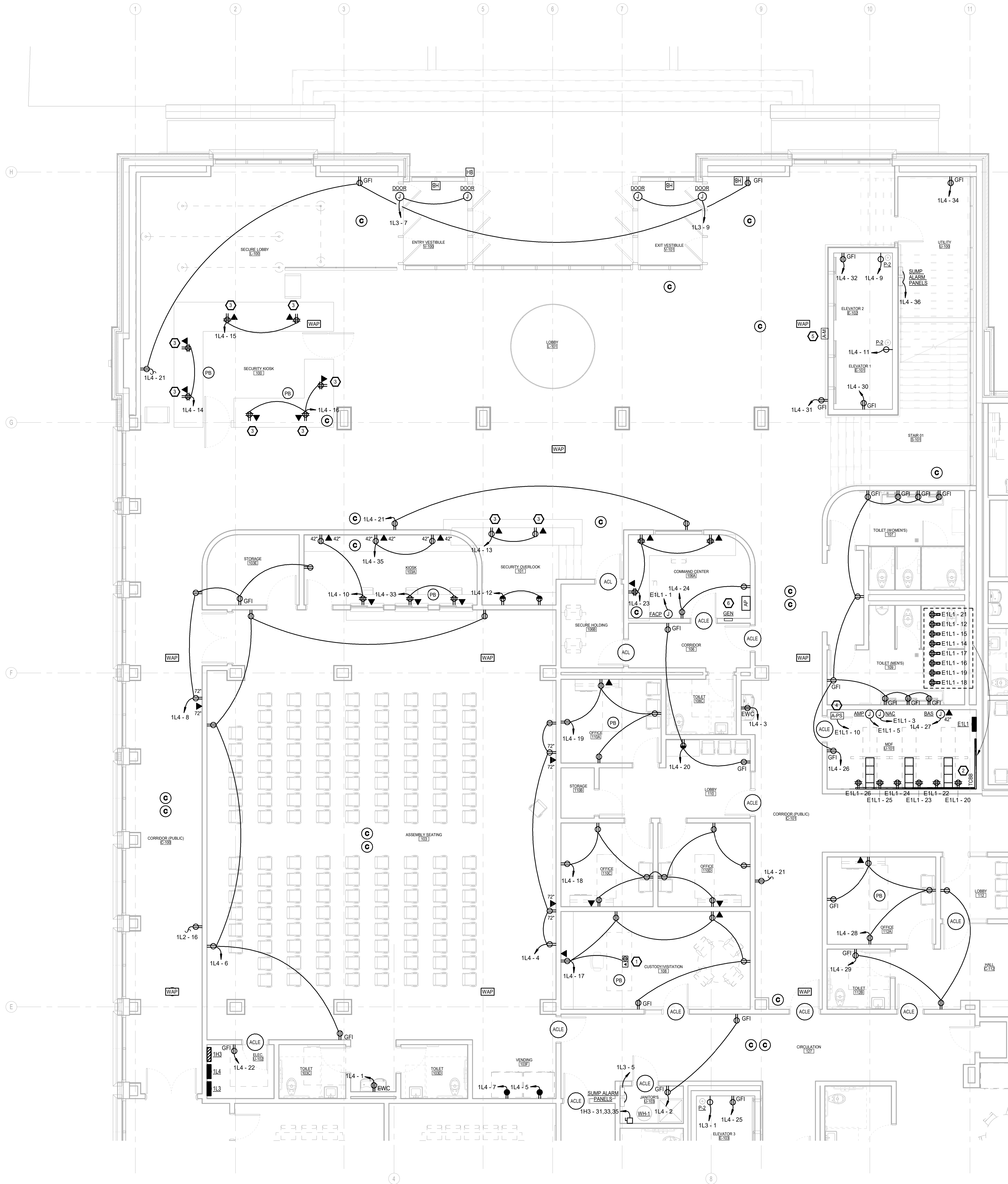
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North Carolina Engineering Registration #E-507
PROJECT NUMBER



1
E1.20A

LEVEL 1 - ENLARGED POWER PLAN - A

3/16" = 1'-0"



ADDENDUM 2 CHANGES:

1. ADDED ACCESS CONTROL LOCATIONS THROUGHOUT.
2. ADDED PANIC BUTTONS THROUGHOUT.
3. ADDED ALARM PANEL IN COMMAND CENTER 106.

ADDENDUM 1 CHANGES:

1. ADDED CAMERA LOCATIONS THROUGHOUT.
2. ADDED NOTE 6 UNDER NOTES.
3. ADDED DISPLAY HEIGHT RECEPTACLE AND DATA OUTLET IN CORRIDOR C-100 OUTSIDE OF ASSEMBLY SEATING 103.

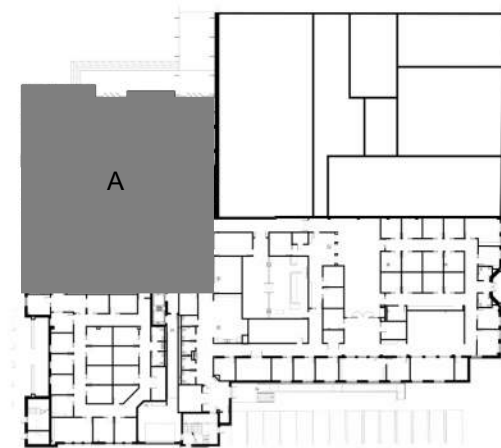
KEY NOTES E1.20A

1. FLUSH TO FLOOR BOX WITH RECEPTACLE(S) AND/OR DATA OUTLET(S). ROUTE CONDUIT(S) TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. ROUTE CAT6 CABLES TO PATCH PANEL IN NEAREST MDF/IDF ROOM. SEE SYMBOL LEGEND FOR ADDITIONAL DETAILS.
2. PROVIDE 8' TALL FIREPROOFED PLYWOOD TELECOMMUNICATION BACKBOARD AS INDICATED ON PLANS. PROVIDE (4) 1/4" EMPTY CONDUITS WITH PULL WIRE TO PROPERTY LINES FOR NEW TELECOMMUNICATION SERVICES. FIELD COORDINATE EXACT STUB OUT LOCATIONS, TERMINATION POINTS, AND CONDUIT ROUTING WITH SERVICE PROVIDER, OWNER, ARCHITECT, AND OTHER TRADES PRIOR TO ROUGH-IN. SEE 112.03 FOR COMMUNICATION RISER. SEE 112.01 FOR SERVICE GROUND DETAIL AND PROVIDE GROUND BAR AND CONDUCTORS AS DIRECTED. SEE 112.10 FOR ELECTRICAL SITE PLAN FOR PROPOSED CONDUIT ROUTING. INSTALL RECEPTACLES ON BOARD AS DIRECTED BY OWNER AND OWNER'S VENDORS TO POWER EQUIPMENT.
3. RECEPTACLE AND/OR DATA OUTLET TO BE INSTALLED AT CASEWORK. FIELD COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN. ROUTE CONDUITS UNDER SLAB TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE.
4. SEE 560.01 FOR DETAILS. LOCATE RELAY AND POWER SUPPLY CABINETS FOR TWO-WAY EMERGENCY COMMUNICATION SYSTEM IN ACCESSIBLE CEILING SPACE IN THIS AREA.
5. SEE 560.01 FOR DETAILS. MASTER STATION FOR TWO-WAY EMERGENCY COMMUNICATION SYSTEM. FIELD COORDINATE INSTALLATION WITH FIRE MARSHAL AND ARCHITECT PRIOR TO ROUGH-IN.
6. INSTALL GENERATOR REMOTE ANNUNCIATOR FLUSH MOUNTED IN THIS AREA. FIELD COORDINATE EXACT LOCATION WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. PROVIDE ANNUNCIATOR WIRING AS REQUIRED.

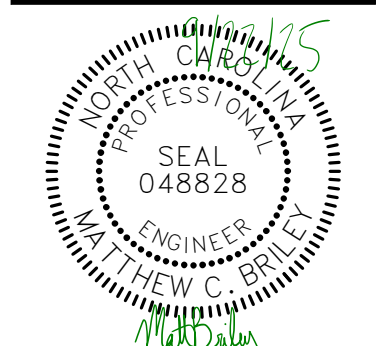
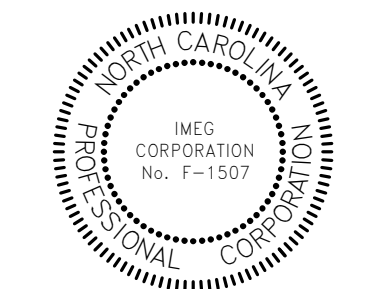
NOTES:

1. PROVIDE LOW VOLTAGE CABLE AND CONTROL WIRE AS REQUIRED FOR ALL DATA DROPS, AV EQUIPMENT, SECURITY AND ACCESS CONTROL EQUIPMENT INDICATED OR IMPLIED BY THESE PLANS. SEE SYMBOL LEGEND ON E0.00 AND COMMUNICATION AND SECURITY RISERS ON E2.03 FOR ADDITIONAL DETAILS.
2. ROUTE CAT6 CABLE OVERHEAD ON J-HOOKS EVERY 6' BACK TO PATCH PANEL IN NEAREST MDF/IDF ROOM. IN AREAS WITH EXPOSED CEILING, PROVIDE CONDUIT AS REQUIRED FOR LOW VOLTAGE CABLE.
3. FIELD COORDINATE THE INSTALLATION OF AV, SECURITY, AND ACCESS CONTROL DEVICE ROUGH-INS WITH THE OWNER, ARCHITECT, AND OWNER'S THIRD PARTY VENDORS PRIOR TO ROUGH-IN. LOCATIONS AND DETAILS INDICATED ON VENDOR SHOP DRAWINGS, IF PROVIDED, SHALL SUPERSEDE THESE PLANS.
4. DISCONNECTS SHOWN FOR PLUMBING EQUIPMENT ON THESE PLANS ARE PROVIDED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE 112.00 FOR TYPICAL WIRING DETAIL.
5. THE E.C. SHALL FIELD COORDINATE THE EXACT LOCATION OF ALL FLOORBOXES WITH THE ARCHITECT PRIOR TO ROUGH-IN. DO NOT INSTALL OR DIMENSION PER THESE PLANS.
6. WHERE ELECTRICAL PANELS ARE LOCATED IN OTHER THAN DEDICATED ELECTRICAL ROOMS (MDF AND IDF ROOMS), THE ELECTRICAL CONTRACTOR SHALL PAINT OR TAPE THE MINIMUM REQUIRED NEC 110.26(A)(1)&(2) WORKING SPACE ON THE FLOOR. COORDINATE WITH ARCHITECT.

KEY PLAN



BID SET
FRANKLIN JUDICIAL CENTER
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549



GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	#	Description	Date
1	ADDENDUM #1		09/02/25
2	ADDENDUM #2		09/02/25

Date	Project No.
09/02/25	21054
Drawn By	Sheet No.
MCB	E1.20A
Checked By	Sheet Title
MCB	LEVEL 1 - ENLARGED POWER PLAN

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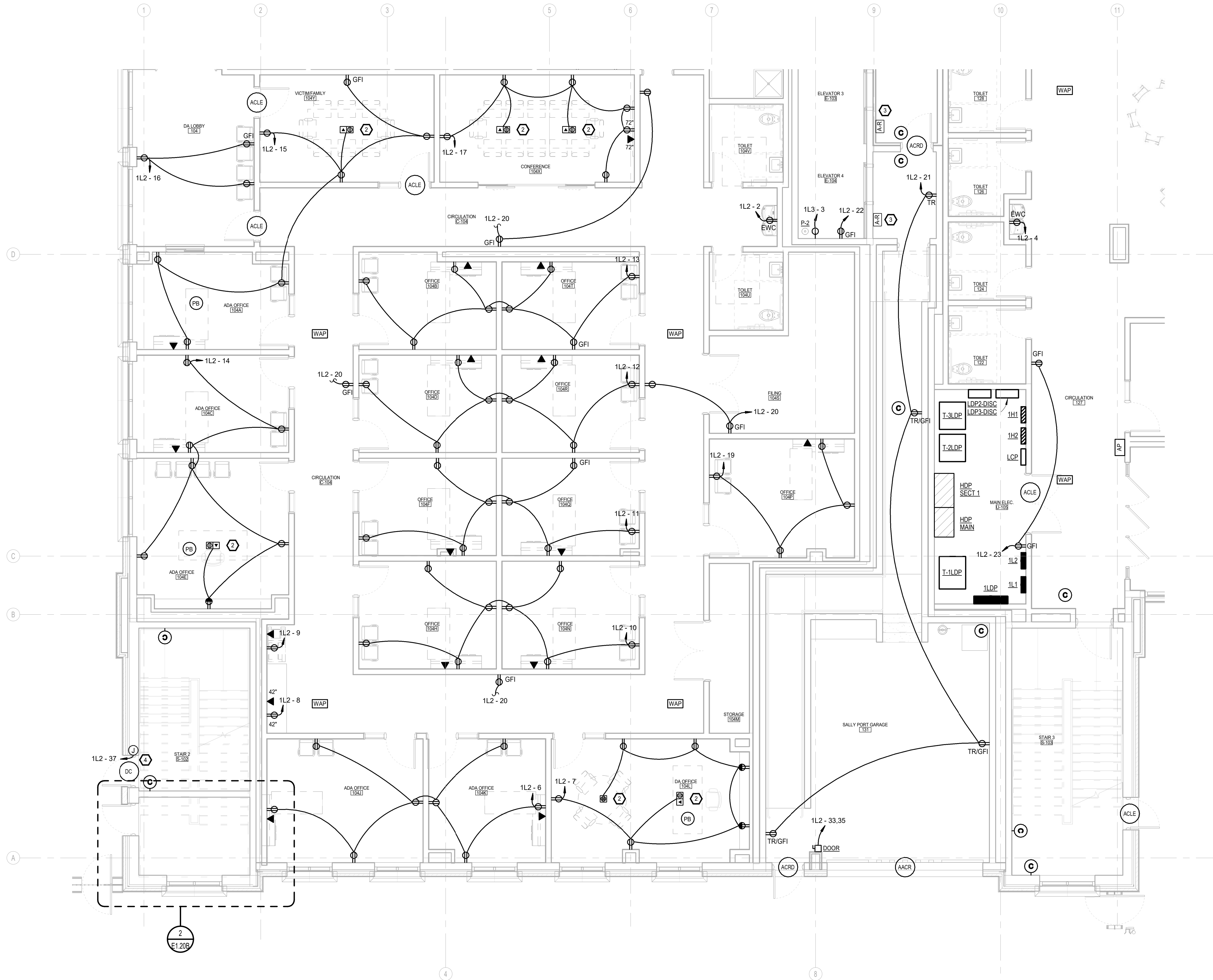
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North Carolina Engineering Registration #E-5307
P-99271111
PROJECT NUMBER
REF. SCALE IN INCHES
1" = 1'-0"



1
E1.20B

LEVEL 1 - ENLARGED POWER PLAN - B

3/16" = 1'-0"



ADDENDUM 2 CHANGES:

- ADDED ACCESS CONTROL LOCATIONS THROUGHOUT.
- ADDED PANIC BUTTONS THROUGHOUT.
- POWER ADDED TO OVERHEAD DOOR AT SALLY PORT GARAGE 131.
- REMOVED CAMERA SHOWN IN RISER ROOM IN 2/E1.20B.

ADDENDUM 1 CHANGES:

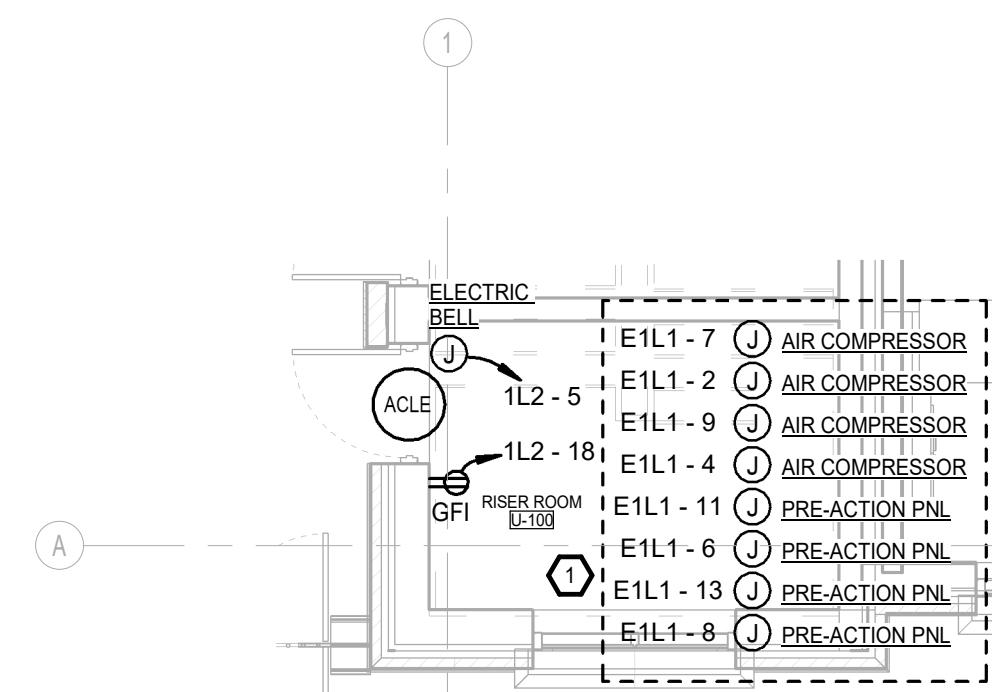
- ADDED CAMERA LOCATIONS THROUGHOUT.
- ADDED NOTE 6 UNDER NOTES.
- ADDED POWER FOR OVERHEAD DOOR AT SALLY PORT GARAGE 131.
- REMOVED CAMERA SHOWN IN RISER ROOM IN 2/E1.20B.

KEY NOTES E1.20B

- FIELD COORDINATE EXACT LOCATION OF ALL EQUIPMENT IN RISER ROOM WITH SPRINKLER CONTRACTOR PRIOR TO ROUGH-IN.
- FLUSH TO FLOOR BOX WITH RECEPTACLE(S) AND/OR DATA OUTLET(S). ROUTE CONDUIT(S) TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. ROUTE CAT6 CABLES TO PATCH PANEL IN NEAREST MDF/IDF ROOM. SEE SYMBOL LEGEND FOR ADDITIONAL DETAILS.
- SEE WE01 FOR DETAILS. REMOTE STATION FOR TWO-WAY EMERGENCY COMMUNICATION SYSTEM. FIELD COORDINATE INSTALLATION WITH FIRE MARSHAL AND ARCHITECT PRIOR TO ROUGH-IN.
- E.C. TO PROVIDE LOW VOLTAGE POWER FOR PANIC HARDWARE AT THIS LOCATION. PROVIDE ROUGH-IN AND LOW VOLTAGE CABLE FOR DOOR CONTACTS BACK TO THE NEAREST SECURITY CONTROLLER. FIELD COORDINATE INSTALLATION WITH DOOR HARDWARE VENDOR, ARCHITECT, AND OWNER'S SECURITY CONTRACTOR PRIOR TO ROUGH-IN.

NOTES:

- PROVIDE LOW VOLTAGE CABLE AND CONTROL WIRE AS REQUIRED FOR ALL DATA DROPS, AV EQUIPMENT, SECURITY AND ACCESS CONTROL EQUIPMENT INDICATED OR IMPLIED BY THESE PLANS. SEE SYMBOL LEGEND ON E0.00 AND COMMUNICATION AND SECURITY RISERS ON E2.00 FOR ADDITIONAL DETAILS.
- ROUTE CAT6 CABLE OVERHEAD ON J-HOOKS EVERY 6' BACK TO PATCH PANEL IN NEAREST MDF/IDF ROOM. IN AREAS WITH EXPOSED CEILING, PROVIDE CONDUIT AS REQUIRED FOR LOW VOLTAGE CABLE.
- FIELD COORDINATE THE INSTALLATION OF AV, SECURITY, AND ACCESS CONTROL DEVICE ROUGH-INS WITH THE OWNER, ARCHITECT, AND OWNER'S THIRD PARTY VENDOR(S) PRIOR TO ROUGH-IN. LOCATIONS AND DETAILS INDICATED ON VENDOR SHOP DRAWINGS, IF PROVIDED. SHALL SUPERSEDE THESE PLANS.
- DISCONNECTS SHOWN FOR PLUMBING EQUIPMENT ON THESE PLANS ARE PROVIDED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE 1E0.00 FOR TYPICAL WIRING DETAIL.
- THE E.C. SHALL FIELD COORDINATE THE EXACT LOCATION OF ALL FLOORBOXES WITH THE ARCHITECT PRIOR TO ROUGH-IN. DO NOT INSTALL OR DIMENSION PER THESE PLANS.
- WHERE ELECTRICAL PANELS ARE LOCATED IN OTHER THAN DEDICATED ELECTRICAL ROOMS (MDF AND IDF ROOMS), THE ELECTRICAL CONTRACTOR SHALL PAINT OR TAPE THE MINIMUM REQUIRED NEC 110.26(A)(1)(A)(2) WORKING SPACE ON THE FLOOR. COORDINATE WITH ARCHITECT.



LEVEL 0 - POWER PLAN - RISER RM

3/16" = 1'-0"

KEY PLAN



BID SET
FRANKLIN JUDICIAL CENTER
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549



GENERAL NOTE:
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Revisions	#	Description	Date
1	ADDENDUM #1	08/10/25	
2	ADDENDUM #2	08/20/25	

Date: 09/02/25
Project No: 21054

Drawn By: MCB
Checked By: MCB
Sheet No: E1.20B

Sheet Title:
LEVEL 1 - ENLARGED POWER PLAN

OAKLEY COLLIER ARCHITECTS
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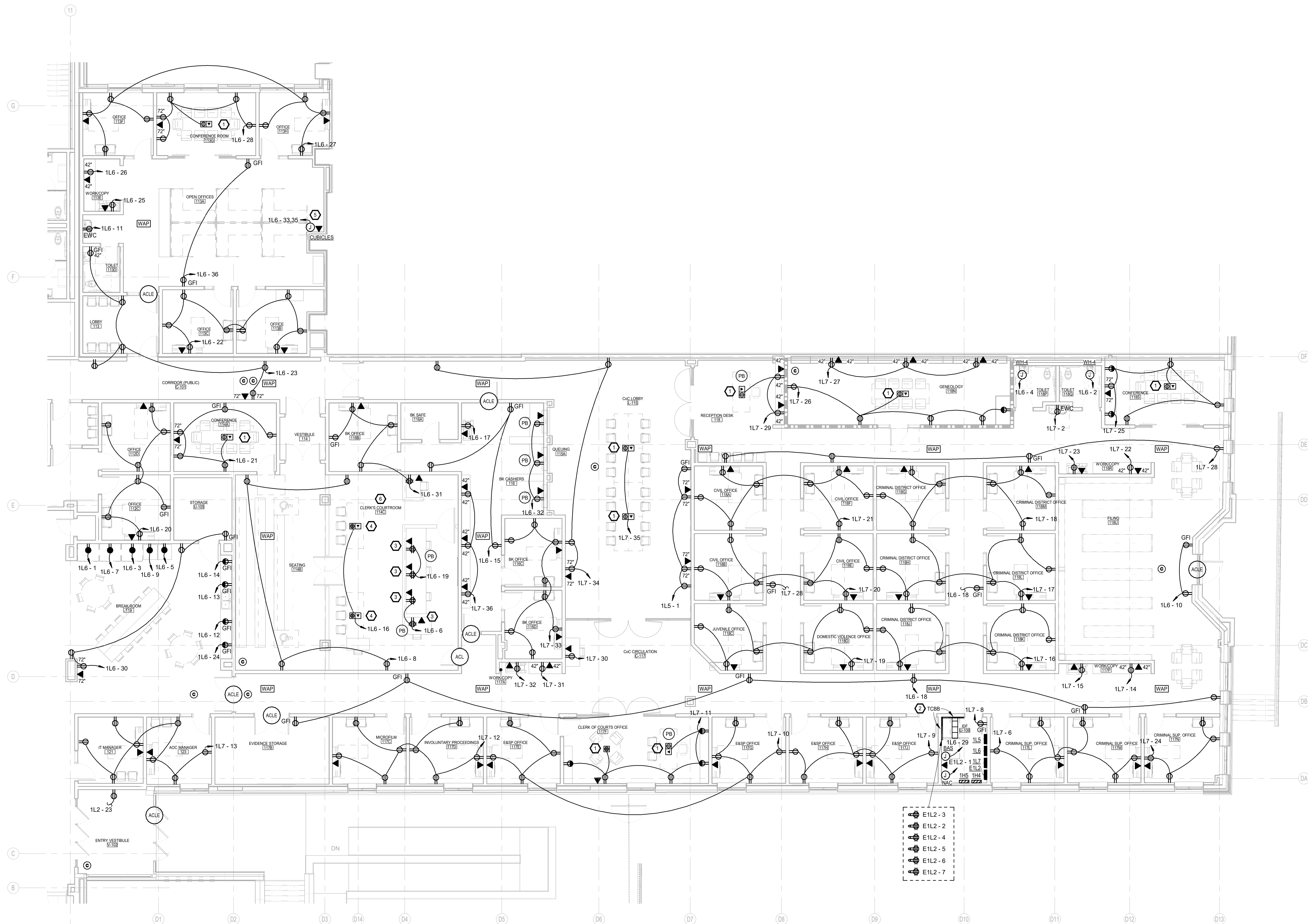
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North Carolina Engineering Registration #E-1507
PROJECT NUMBER
REF. SCALE IN INCHES



1
E1.200

LEVEL 1 - ENLARGED POWER PLAN - C

1/8" = 1'-0"



ADDENDUM 2 CHANGES:

1. ADDED ACCESS CONTROL LOCATIONS THROUGHOUT.
2. ADDED PANIC BUTTONS THROUGHOUT.
3. ADDED ALARM PANEL AT REAR ENTRY.
4. ADDED CRAVE AV SYSTEM KEY NOTE.

ADDENDUM 1 CHANGES:

1. ADDED CAMERA LOCATIONS THROUGHOUT.
2. ADDED NOTE UNDER NOTES.
3. ADDED DISPLAY HEIGHT RECEPTABLES AND DATA OUTLETS IN CORRIDOR C-101 OUTSIDE OF CLERK'S COURTROOM 114C, IN C&C LOBBY L-115, AND IN BREAKROOM 119.
4. CHANGED STANDARD RECEPTACLE TO GFI RECEPTACLE IN STORAGE U-105.

KEY NOTES E1.20C

1. FLUSH TO FLOOR BOX WITH RECEPTACLE(S) AND/OR DATA OUTLET(S). ROUTE CONDUIT(S) TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. CUT AND PATCH SLAB AS REQUIRED. ROUTE CAT6 CABLES TO PATCH PANEL IN NEAREST MDF/IDF ROOM. SEE SYMBOL LEGEND FOR ADDITIONAL DETAILS.
2. PROVIDE 8' TALL PRE-PROTECTED FLYWOOD TELECOMMUNICATION BACKBOARD AS INDICATED ON PLANS. PROVIDE NEW FIBER CABLE OVERHEAD TO MDF U-101. SEE COMMUNICATIONS RISER 11E2.03 FOR DETAILS. INSTALL RECEPTABLES ON BOARD AS DIRECTED BY OWNER AND OWNER'S VENDORS TO POWER EQUIPMENT. PROVIDE GROUND BAR AND GROUNDING ELECTRODE CONDUCTOR AS DIRECTED ON 11E0.01.
3. RECEPTACLE AND/OR DATA OUTLET TO BE INSTALLED AT CASEWORK. FIELD COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN. ROUTE CONDUITS UNDER SLAB TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. CUT AND PATCH EXISTING SLAB AS REQUIRED.
4. FLUSH TO FLOOR BOX WITH RECEPTABLE(S), DATA OUTLET(S), AND/OR AV DEVICES. ROUTE CONDUIT(S) TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. CUT AND PATCH SLAB AS REQUIRED. ROUTE CAT6 CABLES TO PATCH PANEL IN NEAREST MDF/IDF ROOM. ROUTE AV CABLES TO CRAVE SYSTEM IT RACK PER OWNER INSTRUCTION. SEE SYMBOL LEGEND FOR ADDITIONAL DETAILS.
5. E.C. TO MAKE FINAL CONNECTIONS TO CUBICLES PER MANUFACTURER INSTRUCTION. PROVIDE FURNITURE FEED BOX COVERS AND WHIPS AS REQUIRED TO CONNECT TO CUBICLES.
6. COURTROOM TO RECEIVE CRAVE AV SYSTEM. THE EC SHALL PROVIDE ALL ROUGH-INS, POWER AND LOW VOLTAGE CABLING REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. FIELD COORDINATE THE INSTALLATION WITH THE OWNER'S VENDOR. SEE UNIT PRICES FOR REQUIRED ROUGH-INS.

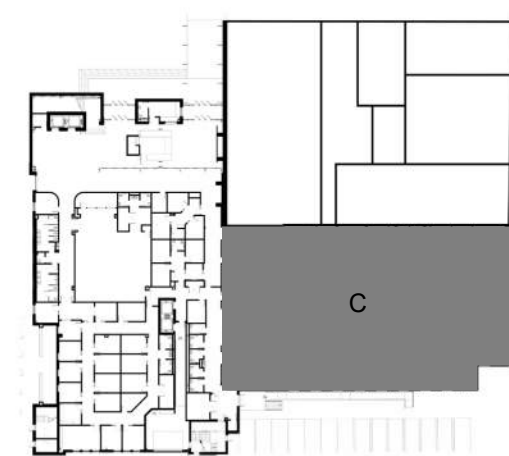
DEMOLITION NOTES:

1. THE EXISTING SINGLE STORY ANNEX ELECTRICAL SERVICE IS TO REMAIN ONLINE AND OPERATIONAL UNTIL THE 3-STORY ADDITION IS COMPLETE AND OPERATIONS ARE RELOCATED TO THE ADDITION. ONCE THE EXISTING SINGLE STORY BUILDING HAS BEEN VACATED, THE ELECTRICAL CONTRACTOR SHALL DEMOLISH THE EXISTING SINGLE STORY ANNEX ELECTRICAL SYSTEM IN ITS ENTIRETY. THE EXISTING SINGLE STORY ANNEX WILL THEN BE RENOVATED AND ALL NEW EQUIPMENT TIED INTO THE 3-STORY ADDITION'S ELECTRICAL SERVICE. REFER TO ARCHITECTURAL PLANS FOR PHASING DIAGRAMS AND GENERAL NOTES ON E0.00 FOR PHASING AND DEMOLITION NOTES AND DETAILS. COORDINATE DEMOLITION WITH THE OWNER, ARCHITECT, GENERAL CONTRACTOR, AND OTHER TRADES.

NOTES:

1. PROVIDE LOW VOLTAGE CABLE AND CONTROL WIRE AS REQUIRED FOR ALL DATA DROPS, AV EQUIPMENT, SECURITY AND ACCESS CONTROL. EQUIPMENT INDICATED OR IMPLIED BY THESE PLANS. SEE SYMBOL LEGEND ON E0.00 AND COMMUNICATION AND SECURITY RISERS ON E2.03 FOR ADDITIONAL DETAILS.
2. ROUTE CAT6 CABLE OVERHEAD ON J-HOOKS EVERY 6' BACK TO PATCH PANEL IN NEAREST MDF/IDF ROOM. IN AREAS WITH EXPOSED CEILING, PROVIDE CONDUIT AS REQUIRED FOR LOW VOLTAGE CABLE.
3. FIELD COORDINATE THE INSTALLATION OF AV, SECURITY, AND ACCESS CONTROL DEVICE ROUGH-INS WITH THE OWNER, ARCHITECT, AND OWNER'S THIRD PARTY VENDORS PRIOR TO ROUGH-IN. LOCATIONS AND DETAILS INDICATED ON VENDOR SHOP DRAWINGS, IF PROVIDED. SHALL SUPERSEDE THESE PLANS.
4. DISCONNECTS SHOWN FOR PLUMBING EQUIPMENT ON THESE PLANS ARE PROVIDED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE 11E0.00 FOR TYPICAL WIRING DETAIL.
5. THE E.C. SHALL FIELD COORDINATE THE EXACT LOCATION OF ALL FLOORBOXES WITH THE ARCHITECT PRIOR TO ROUGH-IN. DO NOT INSTALL OR DIMENSION PER THESE PLANS.
6. WHERE ELECTRICAL PANELS ARE LOCATED IN OTHER THAN DEDICATED ELECTRICAL ROOMS (MDF AND IDF ROOMS), THE ELECTRICAL CONTRACTOR SHALL PAINT OR TAPE THE MINIMUM REQUIRED NEC 110.26(A)(1)(2) WORKING SPACE ON THE FLOOR. COORDINATE WITH ARCHITECT.

KEY PLAN



Revisions	#	Description	Date
1	ADDENDUM #1	08/10/25	
2	ADDENDUM #2	08/20/25	

Date
09/02/25

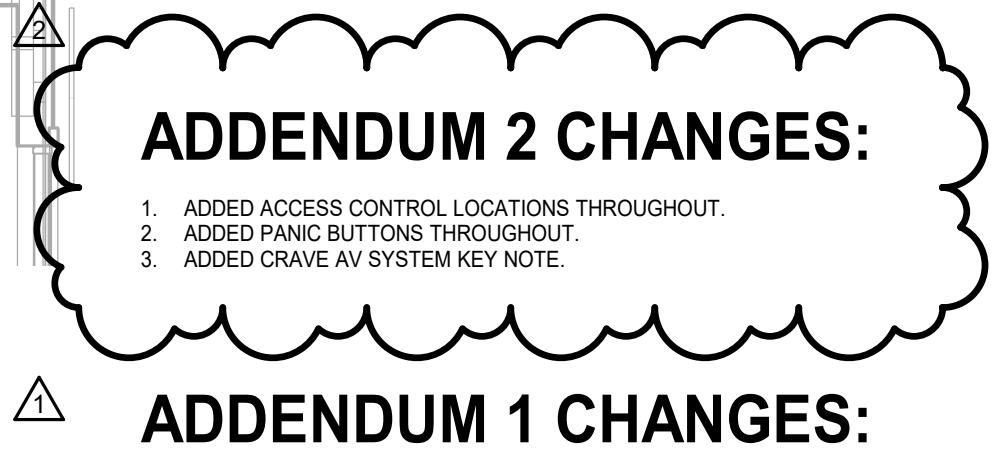
Project No.
21054

Drawn By
MCB

Sheet No.
E1.20C

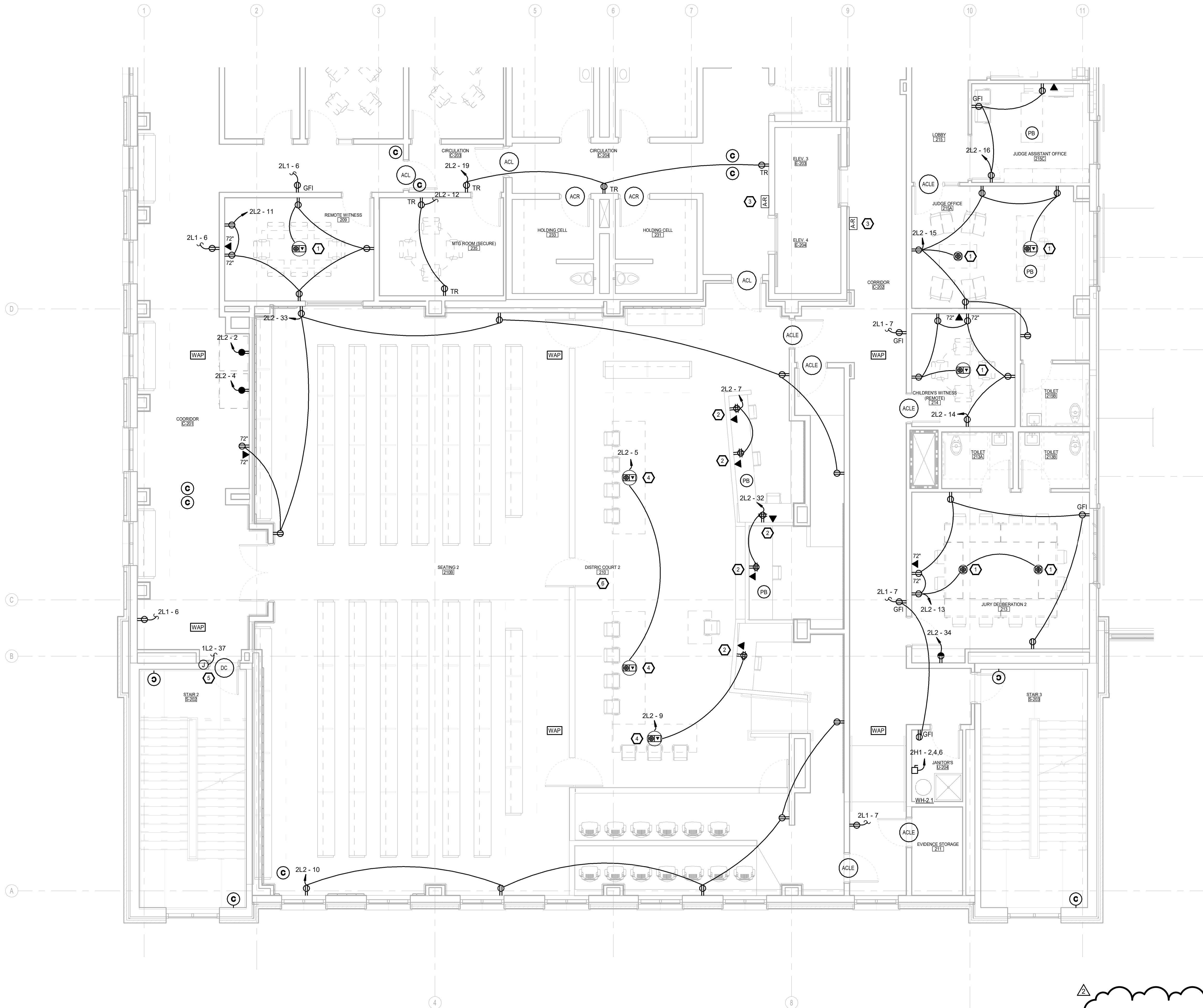
Checked By
MCB

Sheet Title
LEVEL 1 - ENLARGED
POWER PLAN



1. ADDED ACCESS CONTROL LOCATIONS THROUGHOUT
2. ADDED PANIC BUTTONS THROUGHOUT.
3. ADDED CRAVE AV SYSTEM KEY NOTE.

1. ADDED CAMERA LOCATIONS THROUGHOUT.
2. ADDED NOTE 6 UNDER NOTES.
3. ADDED RECEPTACLE AND/OR DATA OUTLET IN PRINTER CLOSET 216 AND JANITOR'S CLOSET U-202.
4. RELOCATED RECEPTACLE AND/OR DATA OUTLET IN WORK/COFFY 215D AND JUDGE'S OFFICE 215G.
5. ADDED DISPLAY HEIGHT RECEPTABLES AND DATA OUTLETS IN CORRIDOR C-201 OUTSIDE OF DISTRICT COURT 1 206, REMOTE WITNESS 207, MTG ROOM 208, JUDGE'S CHAMBERS 217, AND JURY DELIBERATION 1 223.
6. MOVED COUNTERTOP RECEPTABLES IN JURY DELIBERATION 1 223, AND RECEPTABLES IN REMOTE WITNESS 207 TO SEPARATE CIRCUIT.



ADDENDUM 2 CHANGES:

1. ADDED ACCESS CONTROL LOCATIONS THROUGHOUT.
2. ADDED PANIC BUTTONS THROUGHOUT.
3. POWER ADDED TO DOOR HARDWARE ON STAIRWELL 2.
4. ADDED CRAVE AV SYSTEM KEY NOTE.

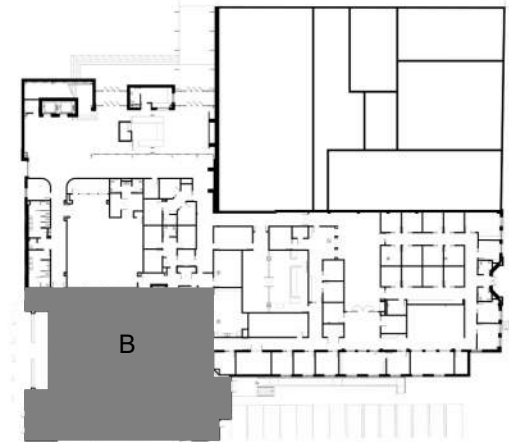
ADDENDUM 1 CHANGES:

1. ADDED CAMERA LOCATIONS THROUGHOUT.
2. ADDED NOTE 6 UNDER NOTES.
3. ADDED GFCI RECEPTACLE IN JANITORS U-204.
4. ADDED DISPLAY HEIGHT RECEPTABLES AND DATA OUTLETS IN REMOTE WITNESS 206, CORRIDOR C-201 OUTSIDE OF DISTRICT COURT 2 210, CHILDREN'S WITNESS (REMOTE) 214, AND JURY DELIBERATION 2 213 TO SEPARATE CIRCUIT.
5. MOVED COUNTERTOP RECEPTACLE IN JURY DELIBERATION 2 213 TO SEPARATE CIRCUIT.

KEY NOTES E1.21B

1. FLUSH TO FLOOR POKE THROUGH WITH RECEPTACLE(S) AND/OR DATA OUTLET(S). CORE DRILL FLOOR AS REQUIRED. ROUTE CONDUIT(S) TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. ROUTE CAT6 CABLES TO PATCH PANEL IN NEAREST MOD/IDF ROOM. SEE SYMBOL LEGEND FOR ADDITIONAL DETAILS.
2. RECEPTACLE AND/OR DATA OUTLET TO BE INSTALLED AT CASEWORK. FIELD COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN. ROUTE CONDUITS UNDER FLOOR IN LOWER FLOORS ACCESSIBLE CEILING SPACE TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE.
3. SEE 901 FOR DETAILS. REMOTE STATION FOR TWO-WAY EMERGENCY COMMUNICATION SYSTEM. FIELD COORDINATE INSTALLATION WITH FIRE MARSHAL AND ARCHITECT PRIOR TO ROUGH-IN.
4. FLUSH TO FLOOR POKE THROUGH WITH RECEPTABLE(S), DATA OUTLET(S), AND/OR AV DEVICE(S). ROUTE CONDUIT(S) TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. CORE DRILL FLOOR AS REQUIRED. ROUTE CAT6 CABLES TO PATCH PANEL IN NEAREST MOD/IDF ROOM. ROUTE AV CABLES TO CRAVE SYSTEM IT RACK PER OWNER INSTRUCTION. SEE SYMBOL LEGEND FOR ADDITIONAL DETAILS.
5. E.C. TO PROVIDE 120V POWER FOR PANIC HARDWARE AT THIS LOCATION. PROVIDE ROUGH-IN AND LOW VOLTAGE CABLE FOR DOOR CONTACTS BACK TO THE NEAREST SECURITY CONTROLLER. FIELD COORDINATE INSTALLATION WITH DOOR HARDWARE VENDOR, ARCHITECT, AND OWNERS SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
6. COURTROOM TO RECEIVE CRAVE AV SYSTEM. THE EC SHALL PROVIDE ALL ROUGH-INS, POWER, AND LOW VOLTAGE CABLEING REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. FIELD COORDINATE THE INSTALLATION WITH THE OWNERS VENDOR. SEE UNIT PRICES FOR REQUIRED ROUGH-INS.

KEY PLAN

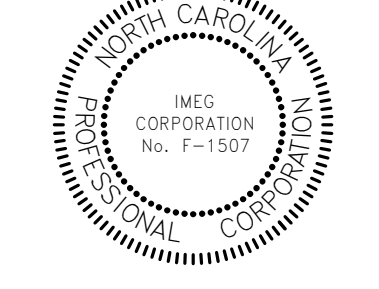


1
E1.21B

LEVEL 2 - ENLARGED POWER PLAN - B

3/16" = 1'-0"

BID SET
FRANKLIN JUDICIAL CENTER
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549



GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

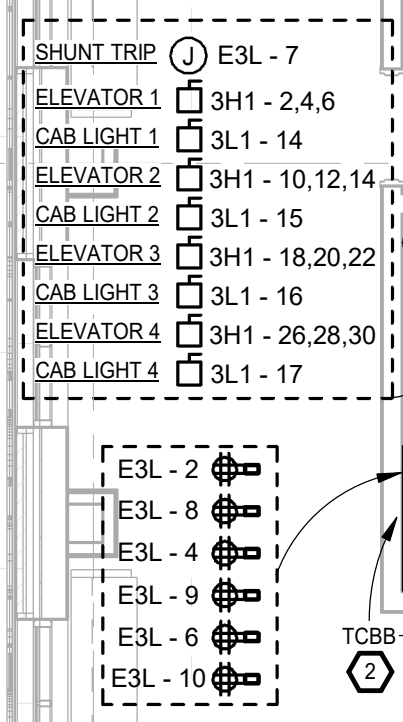
Revision	#	Description	Date
1	ADDENDUM #1	09/02/25	
2	ADDENDUM #2	09/02/25	

Date: 09/02/25
Project No: 21054
Drawn By: MCB
Sheet No: E1.21B
Checked By: MCB
Sheet Title: LEVEL 2 - ENLARGED POWER PLAN

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North Carolina Engineering Registration #E-507
PROJECT NUMBER



ADDENDUM 1 CHANGES:

1. ADD ACCESS CONTROL LOCATIONS THROUGHOUT.
2. ADD PANG BUCKETS THROUGHOUT.
3. ADD CHAIRS AND SYSTEM KEY NOTE.
- ADDENDUM 1 CHANGES:**
1. ADD CAMERA LOCATIONS THROUGHOUT.
2. ADD NOTE # 6 UNDER NOTES.
3. ADD RECEPTIONIST AND DATA OUTLETS IN PRINTER CLOSET 316, LOBBY 315, JURY DELIBERATION 325, JURY DELIBERATION 326, AND JANITORS CLOSET 1 X 302.
4. ADD RECEPTIONIST AND DATA OUTLETS IN CORRIDOR C-301 OUTSIDE OF SUPERIOR COURT 1 306. REMOVE WITNESS 307, MTE ROOM 308.
5. ADD CHAIRS 117, JURY DELIBERATION 325, GRAND JURY 325, AND GRAND JURY WAITING 326.
6. ADD RECEPTIONIST RECEPTIONIST IN JURY DELIBERATION 325 AND GRAND JURY 325 TO SEPARATE CIRCUIT.

KEY NOTES E.1.22A

1. FLUSH TO FLOOR POKE-THROUGH WITH RECEPTABLES) AND/OR DATA OUTLETS). CORE DRILL FLOOR AS REQUIRED. ROUTE CONDUITS TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. ROUTE GUY CABLES TO PATCH PANELS IN NEAREST MIDDLE RISE. SEE SYMBOL, LEGEND FOR ADDITIONAL DETAILS.
2. PROVIDE 100% FREQUENCY COMMUNICATION BACKBOARD AS INDICATED ON PLANS. PROVIDE NEW FIBER CABLE TO IDF 200'S FOR COMMUNICATIONS RISER TO IDF FOR DETAILS. INSTALL RECEPTABLES ON BOARD AS DIRECTED BY OWNER AND OWNER'S VENDORS TO POWER EQUIPMENT. PROVIDE GROUND BAR AND GROUNDING ELECTRODE CONDUCTOR AS DIRECTED ON E20.01
3. RECEPTABLE AND/OR DATA OUTLET TO BE INSTALLED AT CASEWORK. FLOOR COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT. STUB UP TO ROUGH-IN. ROUTE CONDUITS UNDER FLOOR IN LOWER FLOORS ACCESSIBLE CEILING SPACE TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE.
4. SEE E20.01 FOR DETAILS. REMOTE STATION FOR TWO-WAY EMERGENCY COMMUNICATION. FLOOR COORDINATE INSTALLATION WITH ARCHITECT. AND/OR DATA OUTLETS). CORE DRILL FLOOR AS REQUIRED. ROUTE CONDUITS TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. ROUTE GUY CABLES TO PATCH PANELS IN NEAREST MIDDLE RISE. ROUTE DATA CABLES TO CABLE SYSTEM IF RACK PER OWNER INSTRUCTION. SEE SYMBOL, LEGEND FOR ADDITIONAL.
6. COURTROOM TO RECEIVE CABLE AV SYSTEM. THE ECH SHALL PROVIDE ALL ROUGH-INS, POWER AND LOW VOLTAGE CABLING REQUIRED FOR A FULL FUNCTIONALITY SYSTEM. FLOOR COORDINATE THE INSTALLATION WITH THE OWNER'S VENDOR. SEE UNIT PRICES FOR

PROVIDE LOW VOLTAGE CABLE AND CONTROL WIRE AS REQUIRED FOR ALL DATA DRPS; AV EQUIPMENT; SECURITY AND ACCESS CONTROL EQUIPMENT INDICATED OR IMPLIED BY THESE PLANS. SEE SYMBOL LEGEND ON E.O. AND COMMUNICATION AND SECURITY SCHEDULES FOR ADDITIONAL INFORMATION.

ROUTING CABLE OVERHEAD ON HOOKS EVERY 8' BACK TO PATCH PANEL IN NEAREST MD/RD AREA. IN AREAS WITH EXPOSED STRUCTURAL STEEL, PROVIDE A MINIMUM OF TWO (2) HOOKS PER LINE. PROVIDE THE FOLLOWING:

- A. FIELD COORDINATE THE INSTALLATION OF AV, SECURITY AND ACCESS CONTROL DEVICES ROUGHINGS WITH THE OWNER, ARCHITECT AND ELECTRICAL CONTRACTOR PRIOR TO PROCEEDING TO RIGGING.
- B. PROVIDE SHALL SUPERSEDE THESE PLANS.

DISCREPANCIES BETWEEN THESE PLANS AND ANY OTHER DOCUMENTS ON THESE PLANS ARE PROVIDED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE 1/E000 FOR TYPICAL WIRING DETAIL.

C. FIELD COORDINATE THE LOCATION OF ALL CONDUITS AND CABLE TRAYS WITH THE ARCHITECT PRIOR TO ROUGH-IN. DO NOT INSTALL OR DIMENSION PER THESE PLANS.

D. PROVIDE ALL PIPING AND DRAINAGE IN OTHER THAN NON-DEDICATED TECHNICAL ROOMS (MDF AND IDF ROOMS), ELECTRICAL CONTROL SHAFT, PAINT OR TAPE THE MINIMUM REQUIRED IN SD 116.02(A)(1)(X2) WORKING SPACE ON THE FLOOR. COORDINATE

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0 1 2 3
REF SCALE IN FEET
PROJECT #A0409

North Carolina Design Registration #F-1507

Revisions		
#	Description	Date
1	ADDENDUM #1	09/12/25
2	ADDENDUM #2	09/22/25
Date		Project No.
09/02/25		21054
Drawn By MCB		Sheet No.
Checked By MCB		E1.22A
Sheet Title		
LEVEL 3 - ENLARGED POWER PLAN		

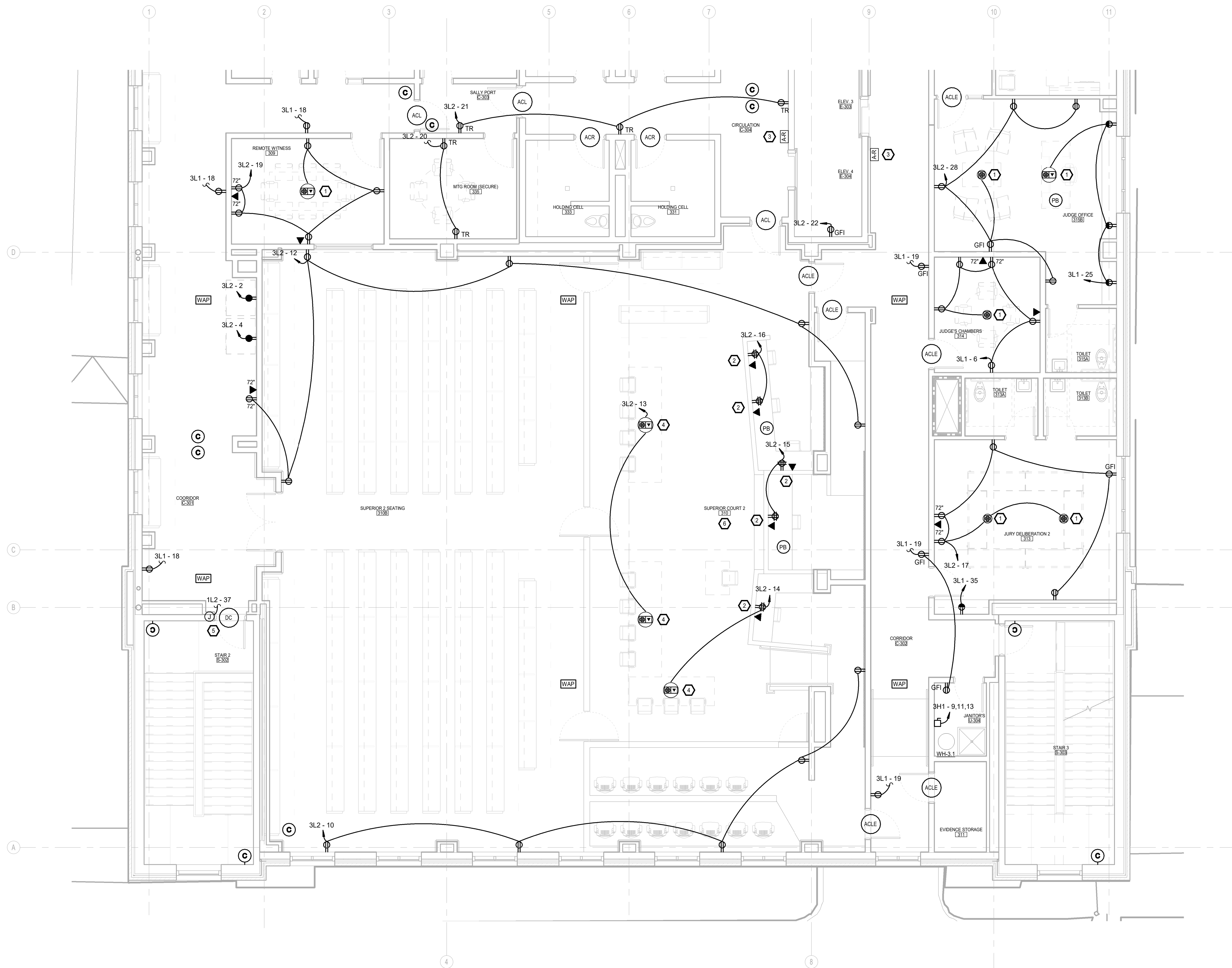
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1
E1.22B

LEVEL 3 - ENLARGED POWER PLAN - B

3/16" = 1'-0"



ADDENDUM 2 CHANGES:

1. ADDED ACCESS CONTROL LOCATIONS THROUGHOUT.
2. ADDED PANIC BUTTONS THROUGHOUT.
3. ADDED POWER AT STAIR 2 DOORS FOR DOOR HARDWARE.
4. ADDED CRAVE AV SYSTEM KEY NOTE.

ADDENDUM 1 CHANGES:

1. ADDED CAMERA LOCATIONS THROUGHOUT.
2. ADDED NOTE 6 UNDER NOTES.
3. ADDED GFCI RECEPTACLE IN JANITORS U-304.
4. ADDED DISPLAY HEIGHT RECEPTACLES AND DATA OUTLETS IN REMOTE WITNESS 309, CORRIDOR C-301 OUTSIDE OF SUPERIOR COURT 2 310, JURY DELIBERATION 2 313, AND JUDGE'S CHAMBERS 314.
5. MOVED COUNTERTOP RECEPTACLE IN JURY DELIBERATION 2 313 TO SEPARATE CIRCUIT.
6. SPLIT RECEPTACLE CIRCUIT IN JUDGE'S OFFICE 315B INTO TWO CIRCUITS.

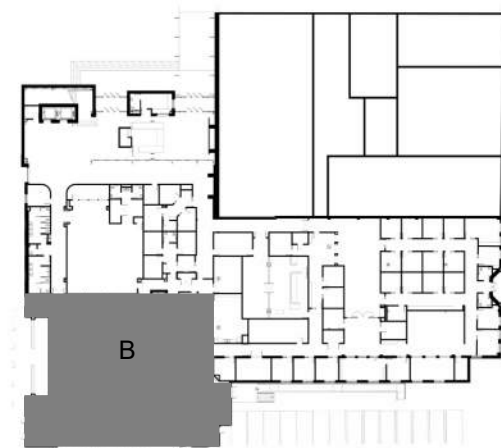
KEY NOTES E1.22B

1. FLUSH TO FLOOR POKE-THROUGH WITH RECEPTACLE(S) AND/OR DATA OUTLET(S). CORE DRILL FLOOR AS REQUIRED. ROUTE CONDUIT(S) TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. ROUTE CAT6 CABLES TO PATCH PANEL IN NEAREST MDF/IDF ROOM. SEE SYMBOL LEGEND FOR ADDITIONAL DETAILS.
2. RECEPTACLE AND/OR DATA OUTLET TO BE INSTALLED AT CASEWORK. FIELD COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN. ROUTE CONDUITS UNDER FLOOR IN LOWER FLOOR'S ACCESSIBLE CEILING SPACE TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE.
3. SEE 560.01 FOR DETAILS. REMOTE STATION FOR TWO-WAY EMERGENCY COMMUNICATION SYSTEM. FIELD COORDINATE INSTALLATION WITH FIRE MARSHAL AND ARCHITECT PRIOR TO ROUGH-IN.
4. FLUSH TO FLOOR POKE-THROUGH WITH RECEPTACLE(S), DATA OUTLET(S), AND/OR AV DEVICE(S). ROUTE CONDUIT(S) TO NEAREST WALL AND STUB UP TO ACCESSIBLE CEILING SPACE. CORE DRILL FLOOR AS REQUIRED. ROUTE CAT6 CABLES TO PATCH PANEL IN NEAREST MDF/IDF ROOM. ROUTE AV CABLES TO CRAVE SYSTEM IT RACK PER OWNER INSTRUCTION. SEE SYMBOL LEGEND FOR ADDITIONAL DETAILS.
5. E.C. TO PROVIDE 120V POWER FOR PANIC HARDWARE AT THIS LOCATION. PROVIDE ROUGH-IN AND LOW VOLTAGE CABLE FOR DOOR CONTACTS BACK TO THE NEAREST SECURITY CONTROLLER. FIELD COORDINATE INSTALLATION WITH DOOR HARDWARE VENDOR, ARCHITECT, AND OWNER'S SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
6. COURTROOM TO RECEIVE CRAVE AV SYSTEM THE EC SHALL PROVIDE ALL ROUGH-INS, POWER, AND LOW VOLTAGE CABLING REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. FIELD COORDINATE THE INSTALLATION WITH THE OWNER'S VENDOR. SEE UNIT PRICES FOR REQUIRED ROUGH-INS.

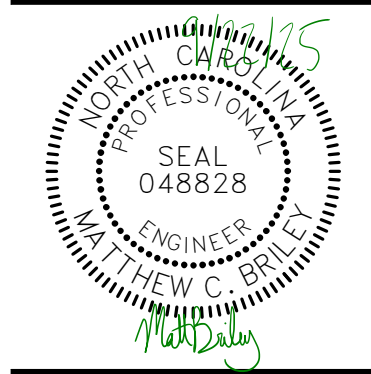
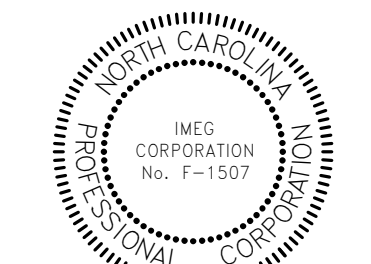
NOTES:

1. PROVIDE LOW VOLTAGE CABLE AND CONTROL WIRE AS REQUIRED FOR ALL DATA DROPS, AV EQUIPMENT, SECURITY AND ACCESS CONTROL EQUIPMENT INDICATED OR IMPLIED BY THESE PLANS. SEE SYMBOL LEGEND ON E0.00 AND COMMUNICATION AND SECURITY RISERS ON E2.00 FOR ADDITIONAL DETAILS.
2. ROUTE CAT6 CABLE OVERHEAD ON J-HOOKS EVERY 6" BACK TO PATCH PANEL IN NEAREST MDF/IDF ROOM. IN AREAS WITH EXPOSED CEILINGS, PROVIDE CONDUIT AS REQUIRED FOR LOW VOLTAGE CABLE.
3. FIELD COORDINATE THE INSTALLATION OF AV, SECURITY, AND ACCESS CONTROL DEVICE ROUGH-INS WITH THE OWNER, ARCHITECT, AND OWNER'S THIRD PARTY VENDOR(S) PRIOR TO ROUGH-IN. LOCATIONS AND DETAILS INDICATED ON VENDOR SHOP DRAWINGS, IF PROVIDED, SHALL SUPERSEDE THESE PLANS.
4. DISCONNECTS SHOWN FOR PLUMBING EQUIPMENT ON THESE PLANS ARE PROVIDED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SEE 110.00 FOR TYPICAL WIRING DETAIL.
5. THE E.C. SHALL FIELD COORDINATE THE EXACT LOCATION OF ALL FLOORBOXES WITH THE ARCHITECT PRIOR TO ROUGH-IN. DO NOT INSTALL OR DIMENSION PER THESE PLANS.
6. WHERE ELECTRICAL PANELS ARE LOCATED IN OTHER THAN DEDICATED ELECTRICAL ROOMS (MDF AND IDF ROOMS), THE ELECTRICAL CONTRACTOR SHALL PAINT OR TAPE THE MINIMUM REQUIRED NEC 110.26(A)(1)(2) WORKING SPACE ON THE FLOOR. COORDINATE WITH ARCHITECT.

KEY PLAN



BID SET
FRANKLIN JUDICIAL CENTER
FRANKLIN COUNTY
W. NASH ST.
LOUISBURG, NC 27549



GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all Dimensions.

Revisions	#	Description	Date
1	ADDENDUM #1		09/10/25
2	ADDENDUM #2		09/20/25

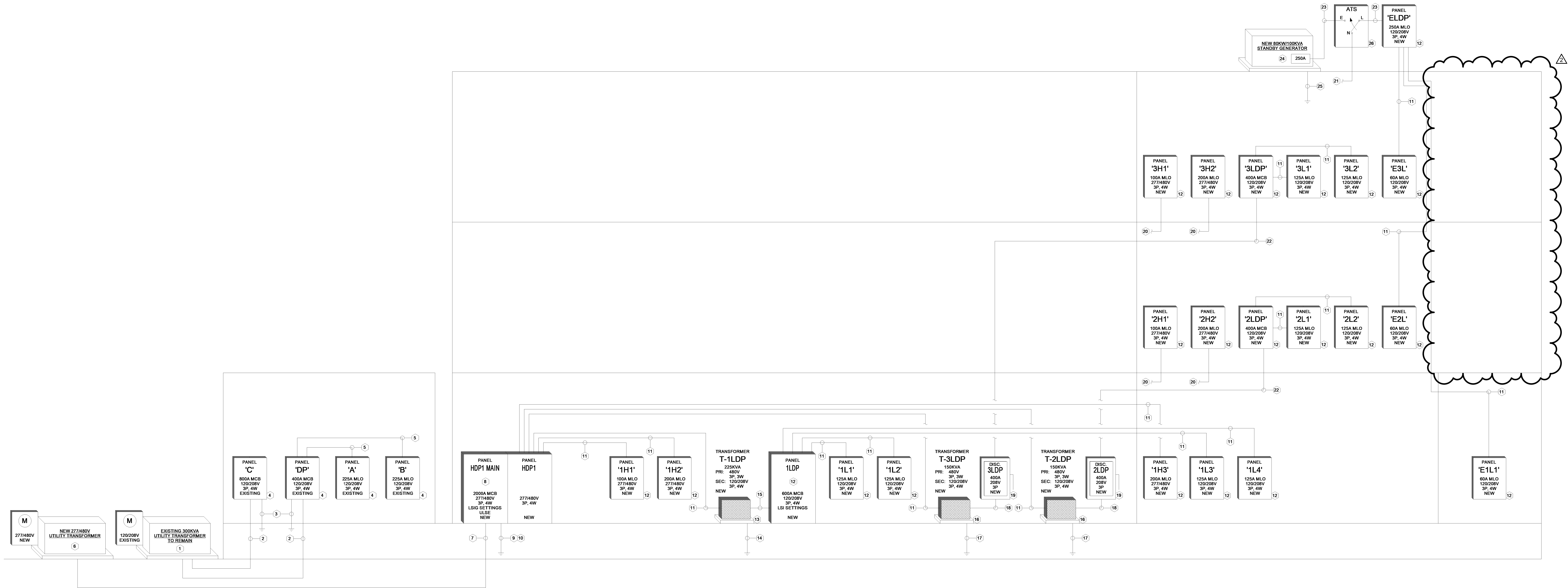
Date	Project No.
09/02/25	21054
Drawn By	Sheet No.
MCB	E1.22B
Checked By	Sheet Title
MCB	LEVEL 3 - ENLARGED POWER PLAN

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North Carolina Engineering Registration #E-1507
PROJECT NUMBER
24049
SCALE IN INCHES
1" = 1'-0"

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KEY NOTES:

- EXISTING PAD MOUNTED, UTILITY TRANSFORMER AND METER TO REMAIN.
- EXISTING SERVICE ENTRANCE CONDUCTORS TO REMAIN.
- EXISTING GROUNDING ELECTRODE CONDUCTORS TO REMAIN.
- EXISTING PANEL BOARD TO REMAIN. NO WORK SHOWN FOR REFERENCE.
- EXISTING FEEDER TO REMAIN.
- NEW PAD MOUNTED, UTILITY TRANSFORMER AND METER, E.C. TO PROVIDE PAD AND METER BASE IN ACCORDANCE WITH LOCAL UTILITY.
- NEW SERVICE ENTRANCE CONDUCTORS.
 - 5 SETS OF 4-#600 KCMIL IN 4" CONDUITS
- NEW 2000A MAIN SWITCHBOARD. SEE PANEL SCHEDULES FOR DETAILS.
 - PROVIDE WITH 2000A MAIN CIRCUIT BREAKER WITH LSI SETTINGS.
 - PROVIDE WITH INTEGRAL TYPE 2 SURGE PROTECTIVE DEVICE
 - 1 MAIN SECTION AND 2 DISTRIBUTION SECTIONS. FRONT ACCESS ONLY.
 - E.C. SHALL FIELD VERIFY THE MAXIMUM AVAILABLE FAULT CURRENT WITH THE LOCAL UTILITY AND PROVIDE A LABEL INDICATING THE CURRENT ON THE SERVICE DISCONNECT PER NEC 110.24(A).
- GROUNDING ELECTRODE CONDUCTORS PER NEC 250.
 - 1-#50G CU IN 1" CONDUIT TO BUILDING STEEL, CM AND SPRINKLER MAIN.
 - 1-#4G CU IN 1/2" CONDUIT TO REINFORCING STEEL AT CONCRETE FOOTER.
 - 1-#4G CU IN 1/2" CONDUIT TO DOWN RODS.
- BOND PER NEC 250.
 - 1-#4G CU IN 1" CONDUIT TO GAS PIPE.
- NEW FEEDER FROM PANEL SCHEDULE FOR DETAILS.
- NEW PANELBOARD. SEE PANEL SCHEDULE FOR DETAILS.
- NEW 225KVA, 480V DELTA PRIMARY, 120/208V WYE SECONDARY, DRY-TYPE, STEP-DOWN TRANSFORMER.
 - E.C. SHALL PROVIDE HOUSEKEEPING PAD PER MANUFACTURER INSTRUCTION.
- GROUNDING ELECTRODE CONDUCTORS PER NEC 250.
 - 1-#20G CU IN 3/4" CONDUIT TO BUILDING STEEL.
- 2 SETS OF 4-#350 KCMIL, 1-#20G IN 3" CONDUITS.
- NEW 150KVA, 480V DELTA PRIMARY, 120/208V WYE SECONDARY, DRY-TYPE, STEP-DOWN TRANSFORMER.
 - E.C. SHALL PROVIDE HOUSEKEEPING PAD PER MANUFACTURER INSTRUCTION.
- GROUNDING ELECTRODE CONDUCTORS PER NEC 250.
 - 1-#2G CU IN 1/2" CONDUIT TO BUILDING STEEL.
- 2 SETS OF 4-#350, 1-#20G IN 2 1/2" CONDUITS.
- NEW 400A, 250V, 3-POLE, HEAVY DUTY DISCONNECT.
 - FUSE AT 400A WITH CURRENT LIMITING FUSES WITH A MAXIMUM PEAK LET THROUGH CURRENT OF 22KAIC.
 - THE SECONDARY CONDUCTOR SHALL NOT BE LONGER THAN 10'.
 - LABEL DISCONNECT PER NEC 110.22(A).
- FEEDER ORIGINATES FROM MAIN. SEE PANEL SCHEDULE FOR DETAILS.
- FEEDER ORIGINATES FROM 1LDP. SEE PANEL SCHEDULE FOR DETAILS.
- 2 SETS OF 4-#30, 1-#3G IN 2 1/2" CONDUITS.
- 4-#250 KCMIL, 1-#4G IN 3" CONDUIT
- NEW UL2200 LISTED, OPTIONAL NATURAL GAS GENERATOR PER NEC 702.
 - GENERATOR 80KW OR EQUAL.
 - 80KW/100KVA, 120/208V, 3-Ø, 4W.
 - 250A MAIN BREAKER.
 - DO NOT BOND NEUTRAL TO GROUND BAR.
 - ALUMINUM, NEMA 3R, LEVEL 2 SOUND ATTENUATED ENCLOSURE.
 - PROVIDE WITH MOUNTING DUNNAGE AND SPRING VIBRATION ISOLATORS. COORDINATE INSTALLATION WITH STRUCTURAL ENGINEER AND GENERATOR MANUFACTURER PRIOR TO ROUGH-IN.
 - INSTALL GENERATOR A MINIMUM OF 12" ABOVE THE ROOF FOR CLEARANCE FROM COMBUSTIBLE MATERIALS. PROVIDE WITH RODENT GUARD.
 - PROVIDE WITH 120V JACKET HEATER AND 120V BATTERY CHARGER.
 - PROVIDE EMERGENCY SHUTDOWN SWITCH ON EXTERIOR OF GENERATOR ENCLOSURE. CONFIRM PROPOSED LOCATION WITH AHP PRIOR TO ROUGH-IN. LABEL GENERATOR EMERGENCY SHUTDOWN.
 - PROVIDE WITH REMOTE ANNUNCIATOR LOCATED INSIDE BUILDING. SEE PLAN FOR REMOTE ANNUNCIATOR LOCATION.
- GROUNDING ELECTRODE CONDUCTORS PER NEC 250.
 - 1-#2G CU BOND FROM GROUND BAR TO GENERATOR CHASSIS.
 - 1-#2G CU FROM GROUND BAR TO BUILDING STEEL.
- NEW UL1008 LISTED, AUTOMATIC TRANSFER SWITCH.
 - 250A, 3-POLE, 120/208V, MINIMUM OF 22KAIC RATED.
 - WALL MOUNTED, NEMA 3R ENCLOSURE.
 - FRONT ACCESS ONLY.

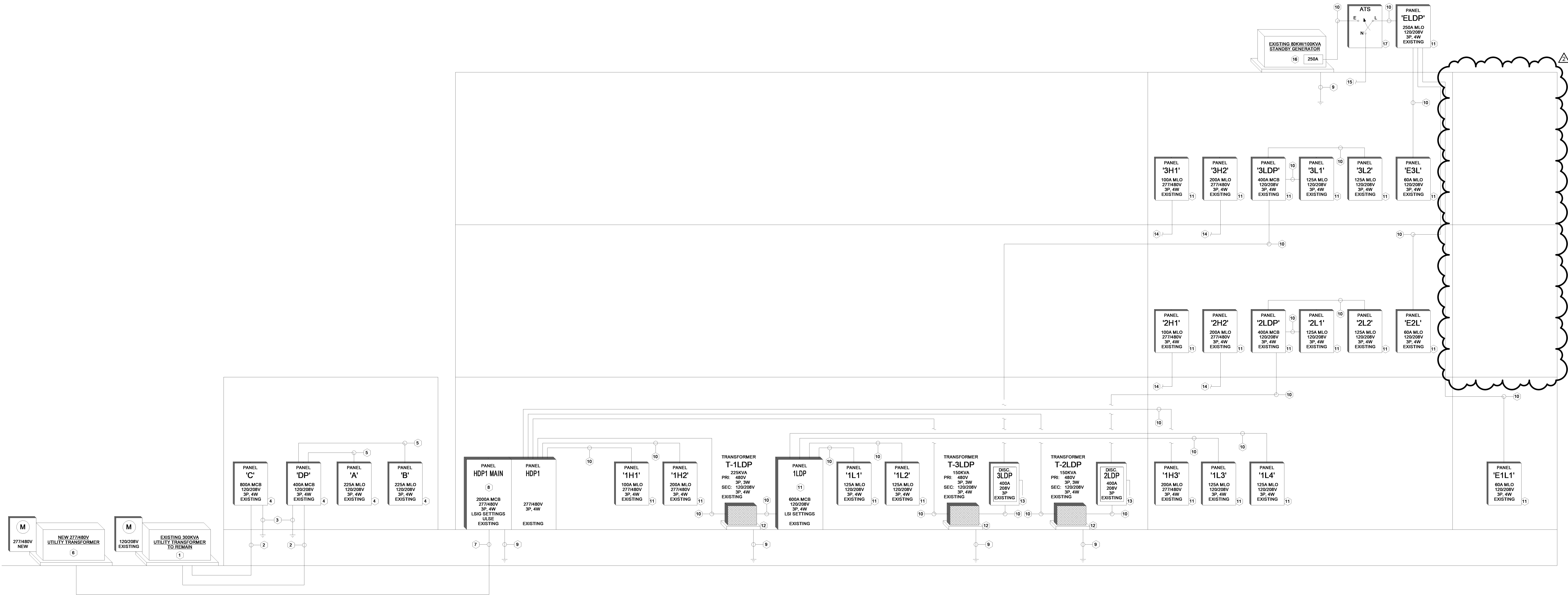
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E2.00
POWER RISER - PHASE 1
NOT TO SCALE

GENERAL NOTE:
Prior to construction start, Contractor shall verify & be responsible for all dimensions.

Revisions			
#	Description	Date	
1	ADDENDUM #1	09/12/25	
2	ADDENDUM #2	09/22/25	

Date	Project No.
09/02/25	21054
Drawn By	Sheet No.
MCB	E2.00
Checked By	
MCB	
Sheet Title	
POWER RISER - PHASE 1	

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KEY NOTES:

- EXISTING PAD MOUNTED, UTILITY TRANSFORMER AND METER TO BE DEMOLISHED.
- EXISTING SERVICE ENTRANCE CONDUCTORS TO BE DEMOLISHED.
- EXISTING GROUNDING ELECTRODE CONDUCTORS TO BE DEMOLISHED.
- EXISTING PANEL BOARD TO BE DEMOLISHED.
- EXISTING FEEDER TO BE DEMOLISHED.
- EXISTING PAD MOUNTED, UTILITY TRANSFORMER AND METER TO REMAIN.
- EXISTING SERVICE ENTRANCE CONDUCTORS TO REMAIN.
- EXISTING SWITCHBOARD TO REMAIN.
- EXISTING GROUNDING ELECTRODE CONDUCTORS TO REMAIN.
- EXISTING FEEDER TO REMAIN.
- EXISTING PANELBOARD TO REMAIN.
- EXISTING TRANSFORMER TO REMAIN.
- EXISTING DISCONNECT TO REMAIN.
- EXISTING FEEDER ORIGINATING FROM HDP1 TO REMAIN.
- EXISTING FEEDER ORIGINATING FROM 1LDP TO REMAIN.
- EXISTING OPTIONAL STANDBY GENERATOR TO REMAIN.
- EXISTING AUTOMATIC TRANSFER SWITCH TO REMAIN.

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DEMOLITION POWER RISER - PHASE 2

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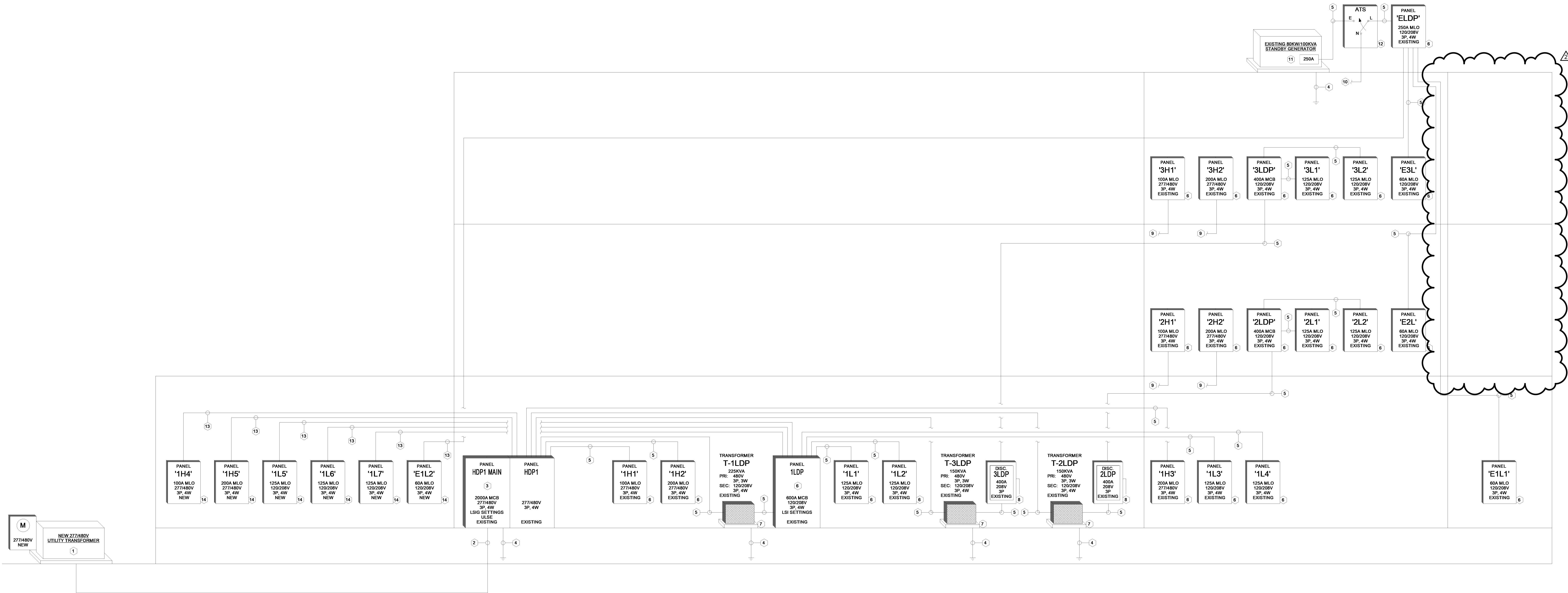
KEY NOTES:

- 1 EXISTING PAD MOUNTED, UTILITY TRANSFORMER AND METER TO REMAIN.
- 2 EXISTING SERVICE ENTRANCE CONDUCTORS TO REMAIN.
- 3 EXISTING SWITCHBOARD TO REMAIN.
- 4 EXISTING GROUNDING ELECTRODE CONDUCTORS TO REMAIN.
- 5 EXISTING FEEDER TO REMAIN.
- 6 EXISTING PANELBOARD TO REMAIN.
- 7 EXISTING TRANSFORMER TO REMAIN.
- 8 EXISTING DISCONNECT TO REMAIN.
- 9 EXISTING FEEDER ORIGINATING FROM HDP1 TO REMAIN.
- 10 EXISTING FEEDER ORIGINATING FROM 1LDP TO REMAIN.
- 11 EXISTING OPTIONAL STANDBY GENERATOR TO REMAIN.
- 12 EXISTING AUTOMATIC TRANSFER SWITCH TO REMAIN.
- 13 NEW FEEDER. SEE PANEL SCHEDULE FOR DETAILS.
- 14 NEW PANEL BOARD. SEE PANEL SCHEDULE FOR DETAILS.

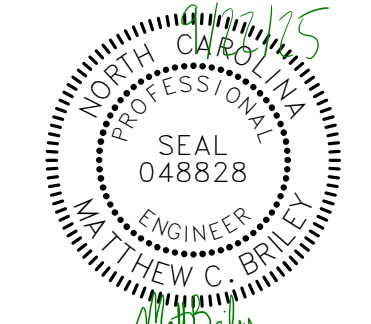
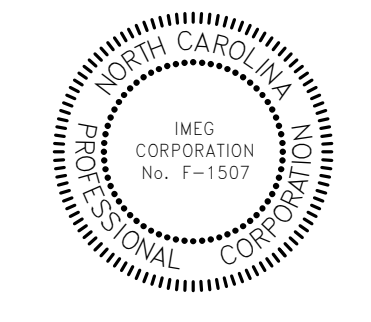
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POWER RISER - PHASE 2

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GENERAL NOTE:
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Revisions	#	Description	Date
	2	ADDendum #2	06/22/25

Date	09/02/25	Project No.	21054
Drawn By	MCB	Sheet No.	E2.02
Checked By	MCB		
Sheet Title	POWER RISER - PHASE 2		

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North Carolina Engineering Registration #E-5307
PROJECT NUMBER
REF. SCALE IN INCHES
1" = 10'-0"

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1

 $\triangle 1$ $\triangle 1$

PANEL 1L2

120/208V, 3Ø, 4W

DKT	CIRCUIT DESCRIPTION	TRIP	POLE	A	B	C	POLE	TRIP	CIRCUIT DESCRIPTION					
1	TOXIC GAS PANEL	20	1	0.5	0.5		1	20	REC EVC - NOTE 1					
3	CONDENSATE PUMPS	20	1		0.2	0.2		1	REC EVC - NOTE 1					
5	ELECTRIC BELL	20	1			0.5	1.4	1	REC 104L, 104K					
7	REC-104L	20	1	1.8	0.2			1	REC C-104					
9	PRINTER C-104	20	1		1.0	1.4		1	REC 104H, 104GN					
11	REC 104F, 104J	20	1			1.4	1.4	1	REC 104D, 104R					
13	REC 104B, 104T	20	1	1.4	1.6			1	REC 104C, 104E					
15	REC 104A, 104Y	20	1		1.8	1.3		1	REC C-100					
17	REC 104X	20	1			1.8	0.2	1	REC RISER ROOM					
19	REC 104P	20	1	0.7	1.1			1	REC 104S, C-104					
21	REC 131	20	1		0.7	0.2		1	REC E-104					
23	REC 120, 127	20	1				0.5	0.9	2	SITE GATE - NOTE 2				
25		20	2	0.9	0.9				2					
27	SITE GATE - NOTE 2	20	2		0.9	0.9		0.9	0.9	2	SITE GATE - NOTE 2			
29		20	2											
31	SITE GATE - NOTE 2	20	2	0.9	0.9					2	HIGH SECURITY SITE GATE - NOTE 2			
33		20	2							2	HIGH SECURITY SITE GATE - NOTE 2			
35	SAL. PANIC OVER THE DOOR	20	1		0.9	0.9		0.9	0.9	2				
37	PANIC HARDWARE STAIR 2	20	1	0.3	0.3		0.9	0.9	2	HIGH SECURITY SITE GATE - NOTE 2				
39	SPARE	20	1		0.0	0.0			1	SPARE				
41	SPARE	20	1				0.0	0.0	1	SPARE				
TOTAL LOAD:		12.7 kVA	10.4 kVA				11.9 kVA							
TOTAL AMPS:		108 A	87 A				101 A							
LOAD CLASSIFICATION		CONNECTED LOAD	DEMAND LOAD	TOTAL LOAD				PANEL INFORMATION						
MOTOR/COOLING	12992 VA	100.55%	13450 VA	CONNECTED LOAD:	35 kVA	LOCATION: SUPPLY FROM: MAIN LEAD, U-105	MOUNTING: ENCLOSURE Surface	BUS SIZE: 250 A	ALC MATING: 22KA	UL SERVICE				
EQUIPMENT	1304 VA	100.00%	1304 VA											
RECEPTACLE	20780 VA	74.08%	15380 VA	DEMAND LOAD:		30 kVA		FEED-THRU: ISOLATED GND:						
				DEMAND:		84 A								

NOTES:

1. E.G. TO PROVIDE GFCI BREAKER

2. UPSHIRE WIRE TO #10 FOR VOLTAGE DROP.



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<p>Revisions</p> <table border="1"> <thead> <tr> <th>#</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ADDENDUM #1</td> <td>09/12/25</td> </tr> <tr> <td>2</td> <td>ADDENDUM #2</td> <td>09/22/25</td> </tr> </tbody> </table>			#	Description	Date	1	ADDENDUM #1	09/12/25	2	ADDENDUM #2	09/22/25
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<p>Drawn By</p> <p>MCB</p>		<p>Sheet No.</p> <p>E2.04</p>									
<p>Checked By</p> <p>MCB</p>											
<p>Sheet Title</p> <p>PANEL SCHEDULES</p>											

