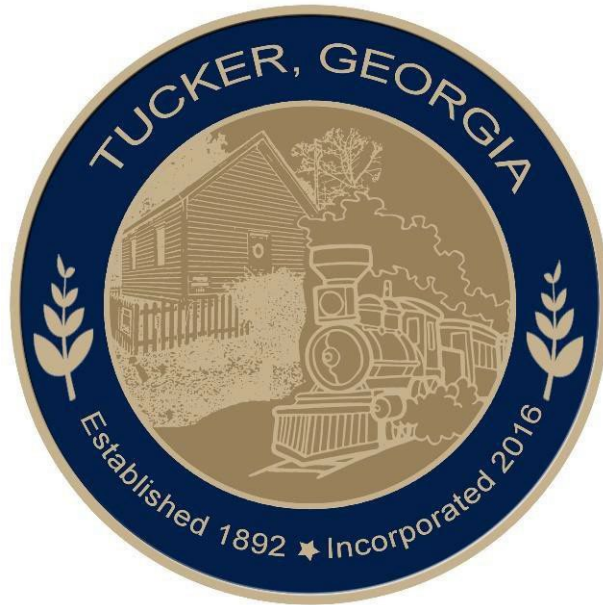


City of Tucker

Invitation to Bid

ITB # 2024-009

CITY HALL INTERIOR RENOVATION



BID MANUAL

City of Tucker
1975 Lakeside Parkway, Suite 350
Tucker, Georgia 30084

ITB #2024-009 CITY HALL INTERIOR RENOVATION

**City of Tucker Invitation to Bid
ITB #2024-009 City Hall Interior Renovation**

INVITATION: The City of Tucker, Georgia requests that interested parties submit bids for the Renovation of the Interior of City Hall. Bids will be accepted until the date and time listed below and will be awarded to the responsive and responsible bidder whose bid, conforming with all the material terms and conditions of the ITB, is the lowest in price Addenda and updates to this bid manual will be posted on the City of Tucker website, <http://tuckerga.gov/bids>, or may be requested by email to procurement@tuckerga.gov.

BID ACTIVITY SCHEDULE	
Invitation to Bid Issued	May 7, 2024
Pre-Bid Conference - Required	May 17, 2024 at 10:00 am (EST)
Deadline for Questions	May 21, 2024, at 1:00 pm (EST)
Responses to Questions Posted (Addenda)	May 24 2024
Bid Deadline	June 6, 2024, at 1:00 pm (EST)
Award at Council Meeting	July 8 2024 (Tentative)
Completion from Notice to Proceed	90 calendar days

SCOPE OF WORK: Refer to Exhibit A.

PRE-BID CONFERENCE - Required: Friday, May 17, 2024 at 10:00am. Location: City Hall Office located at 1975 Lakeside Parkway, Suite 350, Tucker, GA 30084. Email procurement@tuckerga.gov no later than Friday, May 17, 2024 at 9:00am of intent to attend.

QUESTIONS: Submit all questions in writing to procurement@tuckerga.gov with the subject line “Questions: ITB #2024-009” no later than May 21, 2024 at 1:00 pm Eastern Time.

ADDENDA: Responses to the questions received will be by addenda and will be posted on the City website www.tuckerga.gov/bids on May 24, 2024. The signed acknowledgement issued with each addendum must be submitted with the proposal. It is the vendor’s responsibility to verify if any addenda were created.

SUBMITTAL REQUIREMENTS: Vendor shall submit ITB Response electronically to procurement@tuckerga.gov no later than June 6, 2024 at 1:00 pm (EST) with the subject line “Submittal: ITB #2024-009”. The email must contain the vendor’s contact information. Submittals should be one PDF file and named <Company Name>.ITB 2024-009.Bid Submittal.pdf

BID OPENING: Bids will be publicly opened at City Hall at 1:15pm on Thursday, June 6, 2024.

BID TABULATION: Following submittal verifications, a listing of submittals will be posted on the City website: www.tuckerga.gov/bids.

ITB #2024-009 CITY HALL INTERIOR RENOVATION

DOCUMENT SUBMITTAL REQUIREMENTS:

1. Unit Price Bid Proposal Form (Exhibit B)
2. Project Schedule Proposal including Phase Approach
3. W-9 Form (Provided)
4. Certificate of Insurance
5. Contractor Affidavit (Provided)
6. Subcontractor Affidavit (Provided)
7. Bid Bond Form (Provided)
8. Contact Form (Provided)
9. Proposed List of Subcontractors
10. Related Experience and References
11. Acknowledgement of Addendum issued with each Addendum

All responses must be received electronically by the Bid Deadline. (Addenda will show any schedule updates). No bids will be received orally or by phone. Late bids will not be considered. Bids received after the bid deadline will be filed unopened. The City of Tucker reserves the right to reject any and all bids or any part, to waive any formalities to make an award and to re-advertise in the best interest of the City.

The city reserves the right to negotiate pricing and may, in its discretion, award a contract to the lowest responsible and responsive bidder submitting the proposal.

EXHIBIT A – SCOPE OF WORK
City of Tucker Invitation to Bid
ITB #2024-009 City Hall Interior Renovation

PURPOSE, INTENT AND PROJECT DESCRIPTION

The City of Tucker (City), requests that interested parties submit formal electronic bids for the renovation of the interior of the City Hall building.

The project intends to utilize existing space more efficiently in City Hall, as well as to make improvements to customer-facing portions of the building. This will include creating 5 new individual offices, improving, and expanding three shared offices, improving and/or reconfiguring customer service areas in the front lobby, and improving two customer service areas in the Municipal Court area of the building.

During construction, the City intends to keep City Hall open and functioning. To do this, the project will need to be completed in phases. City staff have identified 4 phases of this construction project. Phasing will require the contractor to reach substantial completion (aside from punch list items) in each of the phases, before moving on to the next phase. In some areas of the building, this will require the contractor to plan around city events such as Municipal Court or City Council meetings.

GENERAL CONDITIONS

The contractor shall execute the work according to and meet the requirements of the following:

- The Contract Documents including but not limited to the scope of work, plans, and specifications.
- City of Tucker ordinances and regulations
- OSHA standards and guidelines
- Any other applicable codes, laws and regulations including but not limited to Section 45-10-20 through 45-10-28 of the Official Code of Georgia Annotated, Title VI of the Civil Rights Act, Drug-Free Workplace Act, and all applicable requirements of the Americans with Disabilities Act of 1990.

The contractor will be responsible for providing all labor, materials, and equipment necessary to perform the work. This is a unit price bid. Payment will be made based on actual work completed.

The contractor shall attend a mandatory walk-through on site in order to be considered a qualified bidder. No change orders will be issued for differing site conditions. In case of discrepancies between the plans and specifications, the most stringent prevails.

The contractor shall assign a Project Manager who will be the key contact for the Contractor and shall work closely with the architect as well as Assistant to The City Manager.

A work schedule proposal shall be included in the bid. This schedule will demonstrate the contractor's understanding of how work may be phased. The City reserves the right to negotiate

ITB #2024-009 CITY HALL INTERIOR RENOVATION

and adjust the timeline prior to awarding the contract to the low bidder. A responsive and responsible bidder will be capable of phasing the project in alignment with the City's needs.

The contractor shall submit a two-week advance schedule every **Friday by 2:00p.m.**, detailing scheduled activities for the following week. A mandatory weekly planning and project status meeting will be required each week at a regular time determined by the contractor and project managers to coordinate the following week's work schedule and times.

For security purposes, the Contractor shall identify all job site workers in advance with the City's identified staff.

The materials used in the work shall meet all quality requirements of the contract. The City will inspect the work as it progresses.

The successful bidder must have verifiable experience in construction of similar projects in accordance with these specifications. The bidder shall provide at least three examples and reference information (including company name, project name, contact name, phone number and email address) demonstrating experience successfully completing projects of similar scope.

10% retainage will be withheld from the total amount due the contractor until Final Acceptance of work is issued by the City. The City will inspect the work as it progresses.

Attending the pre-bid conference is mandatory to be considered for award.

PROSECUTION AND PROGRESS

The Contractor will mobilize with sufficient forces such that all construction identified as part of this contract shall be substantially completed within 90 days of Notice to Proceed. The contractor will be considered substantially complete when all work required by this contract has been completed (excluding final punch list work).

The normal workday for this project shall be 9:00AM to 5:00PM and the normal workweek shall be Monday through Friday. **Work requiring loud constant noise will be required to be conducted after normal workday hours or on weekends.** The City will be flexible to coordinate extended workdays or weekends upon request by the Contractor on a case-by-case basis. No work will be allowed on national holidays (i.e. Memorial Day, July 4th, Labor Day, etc.).

The contractor shall provide all labor, administrative forces, equipment, materials and other incidental items to complete all required work. The City shall perform a Final Inspection upon substantial completion of the work. The contractor will be allowed to participate in the Final Inspection. All repairs shall be completed by the contractor at the contractor's expense prior to issuance of Final Acceptance.

The contractor shall be assessed liquidated damages in the amount of \$200.00 per calendar day for any contract work (excluding punch list items) that is not completed within 90 days of Notice to Proceed. Liquidated damages shall be deducted from the 10% retainage held by the City. The

ITB #2024-009 CITY HALL INTERIOR RENOVATION

contractor will also be assessed liquidated damages in the amount of \$200.00 per calendar day for not completing any required Punch List work within 30 calendar days of final inspection.

PERMITS AND LICENSES

The Contractor shall procure all permits and licenses, pay all charges, taxes and fees, and give all notices necessary and incidental to the due and lawful prosecution of the work. All fees for City permits will be waived, though Contractor shall still secure all necessary permits and licenses.

BONDING AND INSURANCE REQUIREMENTS

No bid may be withdrawn for a period of forty-five (45) days after the time has been called on the date of opening.

All bids must be accompanied by a Bid Bond of a reputable bonding company authorized to do business in the State of Georgia, in an amount equal to at least five percent (5%) of the total amount of the bid.

Upon Notice of Award, the successful contractor shall submit a Performance Bond payable to the City of Tucker in the amount of 100% of the total contract price. The successful contractor shall also submit a Payment Bond in the amount of 100% pursuant to O.C.G.A. § 36- 91-70 and 90.

Upon Notice of Award, the successful contractor shall procure and maintain a General Liability Insurance Policy with minimum limits of \$1,000,000 per person and \$ 3,000,000 per occurrence. The contractor shall provide certificates of insurance evidencing the coverage requested herein before the execution of this Agreement, and at any time during the term of this Agreement, upon the request of the City, Contractor shall provide proof sufficient to the satisfaction of the City that such insurance continues in force and effect.

The Certificate of Insurance shall have the City of Tucker 1975 Lakeside Parkway, STE 350, Tucker Ga 30084 as a plan holder.

MATERIALS

The contractor will be responsible for the quality of materials incorporated into the project. All materials will meet appropriate guidelines and requirements. The contractor will be responsible for replacing any work performed with materials that do not meet guidelines and specifications at no cost to the City.

INVOICING

The Contractor shall invoice monthly for work satisfactorily completed. Invoices need to be sent to the Assistant to the City Manager for approval. The project contract number and project issued purchase order number shall be included on all invoices submitted to the City Project Managers.

UTILITIES

The contractor shall be responsible for protecting all utilities and for coordinating any utility relocation necessary for the completion of the work with the City's onsite Project Managers.

ITB #2024-009 CITY HALL INTERIOR RENOVATION

COORDINATION

The Contractor shall keep the City's Project Managers updated on the construction schedule, daily work plans and any challenges, setbacks in a timely manner.

PREPARATION OF WORK AREA

The Contractor shall be responsible for the preservation of all areas of City Hall and shall use every precaution necessary to prevent damage or injury thereto, while conducting work for the City.

The contractor shall coordinate with City Project Managers areas to be cordoned off, proper use of necessary signage, plastic tarps, HVAC protection per OSHA requirements for construction in work environments including, mitigation of dust exposure to other work areas.

When or where any direct or indirect damage or injury is done to property by or on account of any act, omission, neglect or misconduct in the execution of the work, or in consequence of the non-execution thereof by the Contractor, he shall restore, at his/her own expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding or otherwise restoring as may be directed, or she/he shall make good such damage or injury in an acceptable manner. The Contractor shall correct all disturbed areas before retainage will be released.

SAFETY

Beginning with mobilization and ending with acceptance of work, the Contractor shall be responsible for providing a clean and safe work environment at the project site. The Contractor shall comply with all OSHA regulations as they pertain to this project.

CLEANUP

All restoration and clean-up work shall be performed daily. Operations shall be suspended if the Contractor fails to accomplish restoration and clean-up within an acceptable period. Failure to perform clean-up activities may result in suspension of the work.

Municipalities are exempt from Georgia State Sales and Federal Excise taxes. Do not include such taxes in the proposal figure. The City will furnish the successful bidder(s) with tax exemption certificates.

ITB #2024-009 CITY HALL INTERIOR RENOVATION

Exhibit B: Cost Proposal

<u>Item #</u>	<u>Item Description</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT COST</u>	<u>TOTAL COST</u>
1	Construction Waste Disposal	Dumpster			
2	Demolition – Partitions	LF			
3	Demolition – Acoustical Ceilings	SF			
4	Demolition – Gypsum Ceilings	SF			
5	Demolition - Carpet	SF			
6	Demolition – Electrical Device and Circuit	EA			
9	Demolition – Mechanical Device and Branch	EA			
10	Partition Type A	LF			
11	Partition Type B	LF			
12	Partition Type C	LF			
13	Partition Type H	LF			
14	Acoustical Ceilings	SF			
15	Gypsum Board Ceilings	SF			
16	Carpet	SF			
17	Interior Door and Frame	EA			
18	Ballistic Glass and Frame	SF			
19	Service Windows (Non-Ballistic)	SF			
20	Paint	SF			
21	Electrical – 2x2 Light Fixture	EA			
22	Electrical – 2x2 Emergency Fixture	EA			
23	Electrical – Can Light	EA			
24	Electrical – Duplex Receptacle	EA			
25	Electrical – Quad Receptacle	EA			
26	Electrical – Single Pole Switch	EA			

ITB #2024-009 CITY HALL INTERIOR RENOVATION

27	Electrical – Voice/Data	EA			
28	Electrical – Fire Strobe	EA			
29	Electrical – Replace Exit Sign	EA			
30	Mechanical – Diffuser	EA			
31	Mechanical – Transfer Grill	EA			
32	Mechanical – 6” Branch Duct	LF			
33	Mechanical – 8” Branch Duct	LF			
34	Mechanical – 10” Branch Duct	LF			
35	Mechanical – 16” Branch Duct	LF			
36	Fire Protection – Rework A1 Ceiling Plan	Area			
37	Fire Protection – Rework A2 Ceiling Plan	Area			
38	Fire Protection – Rework A3 Ceiling Plan	Area			
39	Fire Protection – Rework A4 Ceiling Plan	Area			
40	Fire Protection – Rework A4.1 Ceiling Plan	Area			
41	Specialty – ADA Push Button Bollard and Door Hardware	EA			
	TOTAL				

Company Name: _____

Address: _____

Contact Person: _____

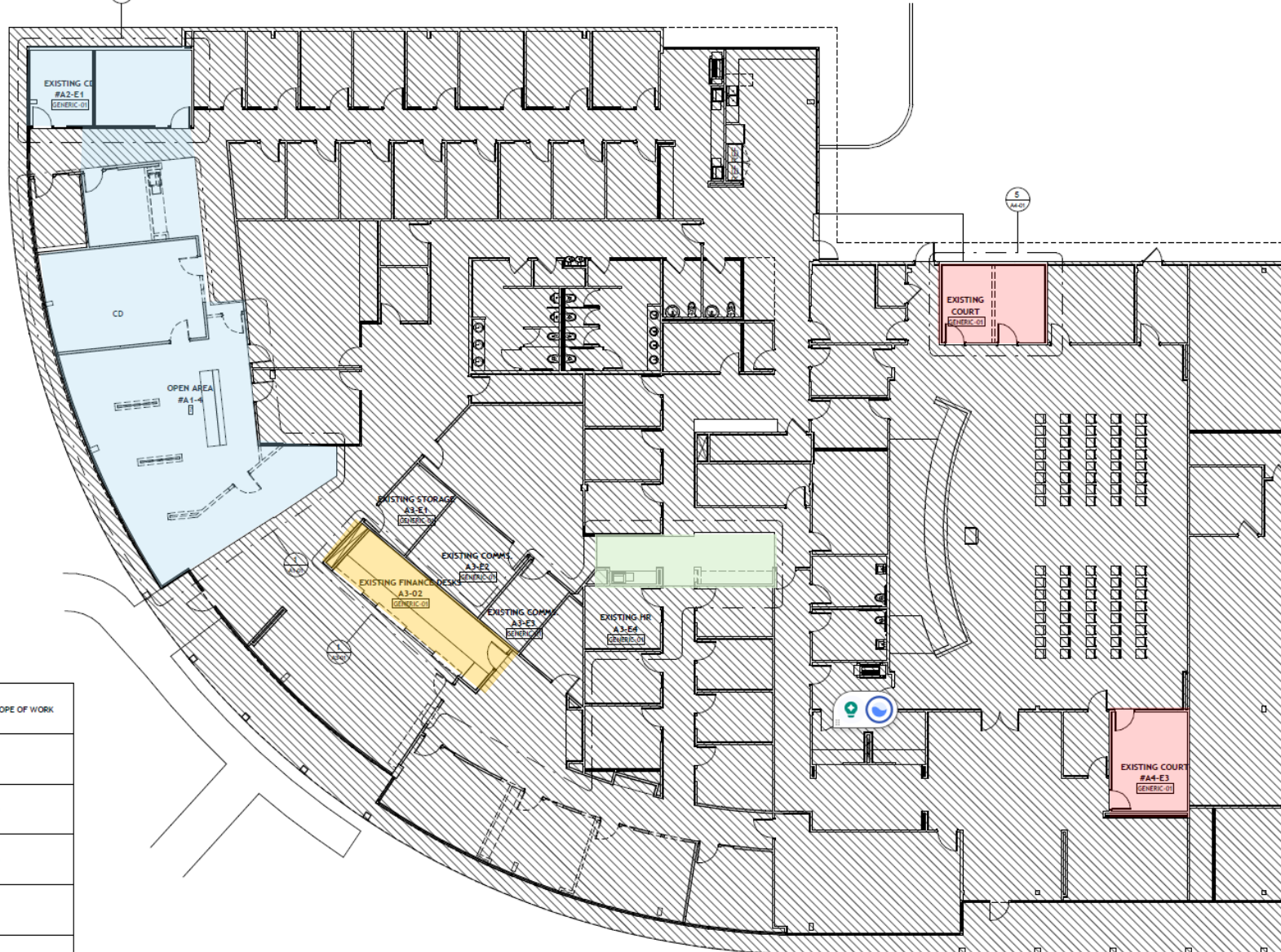
Phone Number: _____







Email Address: _____

Signature: _____

*In case of discrepancy between the unit price and the total price on the completed Bid Schedule, the unit price will prevail, and the total price will be corrected.

Construction Area Phases



	HATCHED AREA HAS NO SCOPE OF WORK
	EXISTING WALLS
	CEILING TYPE A PROPOSED
	CEILING TYPE B PROPOSED
	CEILING TYPE A EXISTING
	CEILING TYPE B EXISTING

ALL HALF TONED ELEMENTS ARE EXISTING
NOT TO BE DEMOLISHED

GENERAL NOTES:

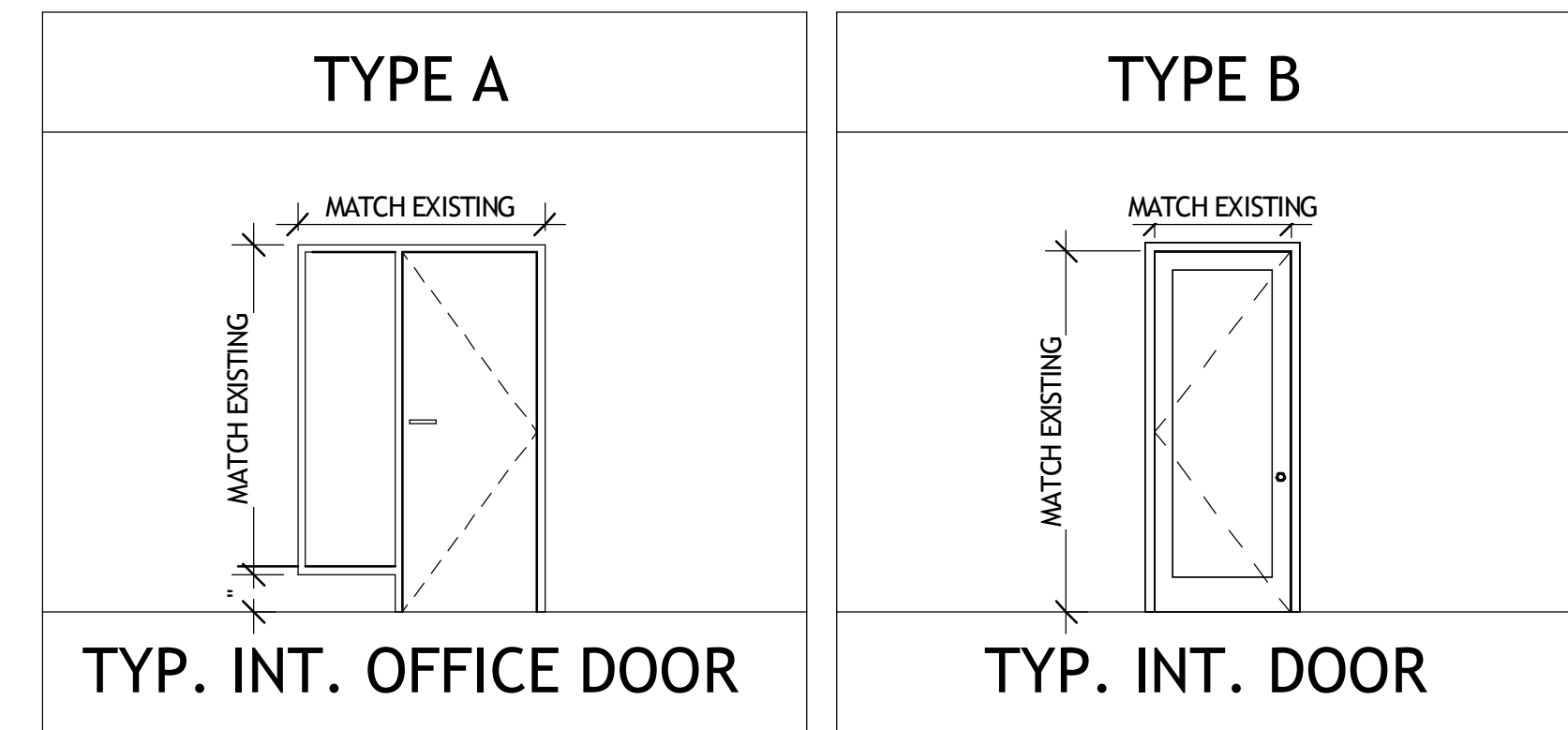
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES HAVING JURISDICTION.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH PROCEDURES SET FORTH BY THE PROPERTY MANAGEMENT. SEE BUILDING CONTRACTOR REGULATIONS.
- INSTALL ALL MANUFACTURED ITEMS, MATERIALS, AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE SUBMITTING PRICING AND PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ITEMS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT AND/OR CONSTRUCTION MANAGER BEFORE PROCEEDING WITH PRICING, WORK IN QUESTION OR RELATED WORK.
- CONTRACTOR FOR THE PROJECT SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING PERMITS.
- CONTRACTOR SHALL SUBMIT CONFIRMATIONS WITH DELIVERY DATED FOR ORDERS OF LONG LEAD ITEMS.
- CONTRACTOR SHALL SUBMIT ELECTRONIC SETS OF SHOP DRAWINGS AS REQUIRED BY THE PROJECT SPECIFICATIONS. SHOP DRAWINGS SHOULD INCLUDE DETAILS FABRICATION AND REACTION DRAWINGS, SETTING DRAWINGS, DIAGRAMATIC DRAWINGS AND MATERIAL SCHEDULES. LOCATION AND ORIENTATION OF ALL ITEMS SHALL BE CLEARLY INDICATED. BEGIN FABRICATION ONLY AFTER RECEIVING ARCHITECTS OR CONSTRUCTION MANAGERS FINAL REVIEW OF SHOP DRAWINGS.
- SUBSTITUTION REQUESTS WILL BE CONSIDERED DURING THE PRICING PERIOD AND THEREAFTER ONLY WHEN A PRODUCT BECOMES UNAVAILABLE. ALL REQUESTS FOR SUBSTITUTIONS OF ITEMS SPECIFIED SHALL BE SUBMITTED IN WRITING WITH THOROUGH PRODUCT AND ENGINEERING DATA FOR ARCHITECTS REVIEW. WILL BE CONSIDERED ONLY IF BETTER SERVICE FACILITIES, A MORE ADVANTAGEOUS DELIVERY DATE, OR A LOWER PRICE WITH CREDIT TO THE OWNER WILL BE PROVIDED WITHOUT SACRIFICING QUALITY, APPEARANCE, AND FUNCTION. UNDER NO CIRCUMSTANCE WILL THE ARCHITECT BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY TO THE PRODUCT SPECIFIED.
- ALL WORK INDICATED ON DRAWINGS AND SPECS SHALL BE INCLUDED BY CONTRACTOR UNLESS SPECIFICALLY EXCLUDED OR NOTED N.I.C. PRICING SHALL INCLUDE ALL WORK REQUIRED FOR COMPLETE, THOROUGH AND PROFESSIONAL INSTALLATION.
- "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE FINISHES IN THE SAME PLANE.
- "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS THE SAME OR REPRESENTATIVE FOR ALL SIMILAR CONDITIONS THROUGHOUT, UNO.
- ALL VERTICAL DIMENSIONS SHOWN TO FLOOR ARE TO FINISH FLOOR, UNO
- DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS.
- ALL PARTITION LOCATIONS, DIMENSIONS AND TYPES AND ALL DOOR AND WINDOW LOCATIONS SHALL BE SHOWN ON FLOOR PLANS. IN CASE OF CONFLICT, NOTIFY ARCHITECT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL CLEANING OF A JOB AFTER ITS COMPLETION. CLEANING SHALL INCLUDE INTERIOR OF THE BUILDING AND PATH OF TRAVEL TO THE JOB SITE AND SHALL INCLUDE THE PARKING LOT, ELEVATORS, LOBBIES AND CORRIDOR CARPET.
- CONTRACTOR SHALL PROVIDE RECORD DOCUMENTS AND SHALL PROVIDE SAID DOCUMENTATION TO THE ARCHITECT FOR TRANSMISSION TO THE OWNER UPON COMPLETION OF CONSTRUCTION.
- CONTRACTOR SHALL PROTECT AREA OF WORK, PUBLIC AREA IN PATH TO WORK AND ADJACENT AREAS FROM DAMAGE.
- CONTRACTOR SHALL MAINTAIN A SECURE AND LOCKABLE WORK AREA'S DURING CONSTRUCTION. COORDINATE WITH AFFECTED TENANTS AND LANDLORD TO ENSURE SECURITY.
- REQUIRED EXIT WAYS, INCLUDING STAIRS, LANDINGS, RAMPS, AND SIDEWALKS SHALL BE CLEAR OF ALL OBSTRUCTIONS.
- FOR METAL FABRICATIONS, CONTRACTOR SHALL VERIFY SCREW ANCHOR ATTACHMENTS TO EXISTING SLAB OR COLUMNS DOES NOT CUT OR DAMAGE EXISTING REINFORCEMENT OR POST TENSIONED STRANDS.

GENERAL DEMOLITION NOTES:

- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK AND TO NOTIFY OWNER OF ANY DISCREPACIES
- CONTRACTORS SHALL NOT DEMOLISH ANY COLUMNS, EXTERIOR WALLS OR CONSTRUCTION THAT WILL COMPROMISE THE STRUCTURAL INTEGRITY OF THE STRUCTURE. NOTIFY OWNER OF ANY STRUCTURAL ISSUES ARISING FROM DEMOLITION
- REMOVE AND CAP ALL EXISTING FLOOR POWER AND COMMUNICATION OUTLETS THROUGHOUT PER ELECTRICAL CODE REQUIREMENTS
- WHERE PARTITION DEMOLITION OCCURS ADJACENT TO EXISTING TO REMAIN, PATCH AND REPAIR ADJACENT CONDITIONS FOR FINAL FINISHES
- ITEMS DAMAGED DURING DEMOLITION BEYOND SCOPE OF DEMOLITION. REQUIREMENTS SHALL BE REPAIRED OR REPLACED TO LIKE NEW CONDITION AT NO ADDITIONAL COST TO OWNER
- PROTECT FROM DUST & NOISE
- WORKING HOURS
- FOLLOW NFPA 241, OSHA.

MASTER DOOR SCHEDULE						
MARK	TYPE MARK	WIDTH	HEIGHT	WITH SIDELITE	DESCRIPTION	ACCESS CARD
A3-E6	B	3'-0"	8'-0"		SOLID CORE SNGL SWING	
A1-03	B	3'-0"	8'-0"	NO	SOLID CORE SNGL SWING	YES
A1-04	B	3'-0"	8'-0"	NO	SOLID CORE SNGL SWING	YES
A1-06	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDELIGHT	NO
A1-07	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDELIGHT	NO
A1-08	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDELIGHT	NO
A1-09	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDELIGHT	NO
A1-10	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDELIGHT	NO
A3-04	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDELIGHT	NO
A3-05	B	3'-0"	8'-0"	NO	SOLID CORE SNGL SWING	NO
A5-01	B	3'-0"	8'-0"	NO	SOLID CORE SNGL SWING	NO
A5-02	B	3'-0"	8'-0"	NO	SOLID CORE SNGL SWING	NO
A5-03	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDELIGHT	NO
A5-04	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDELIGHT	NO

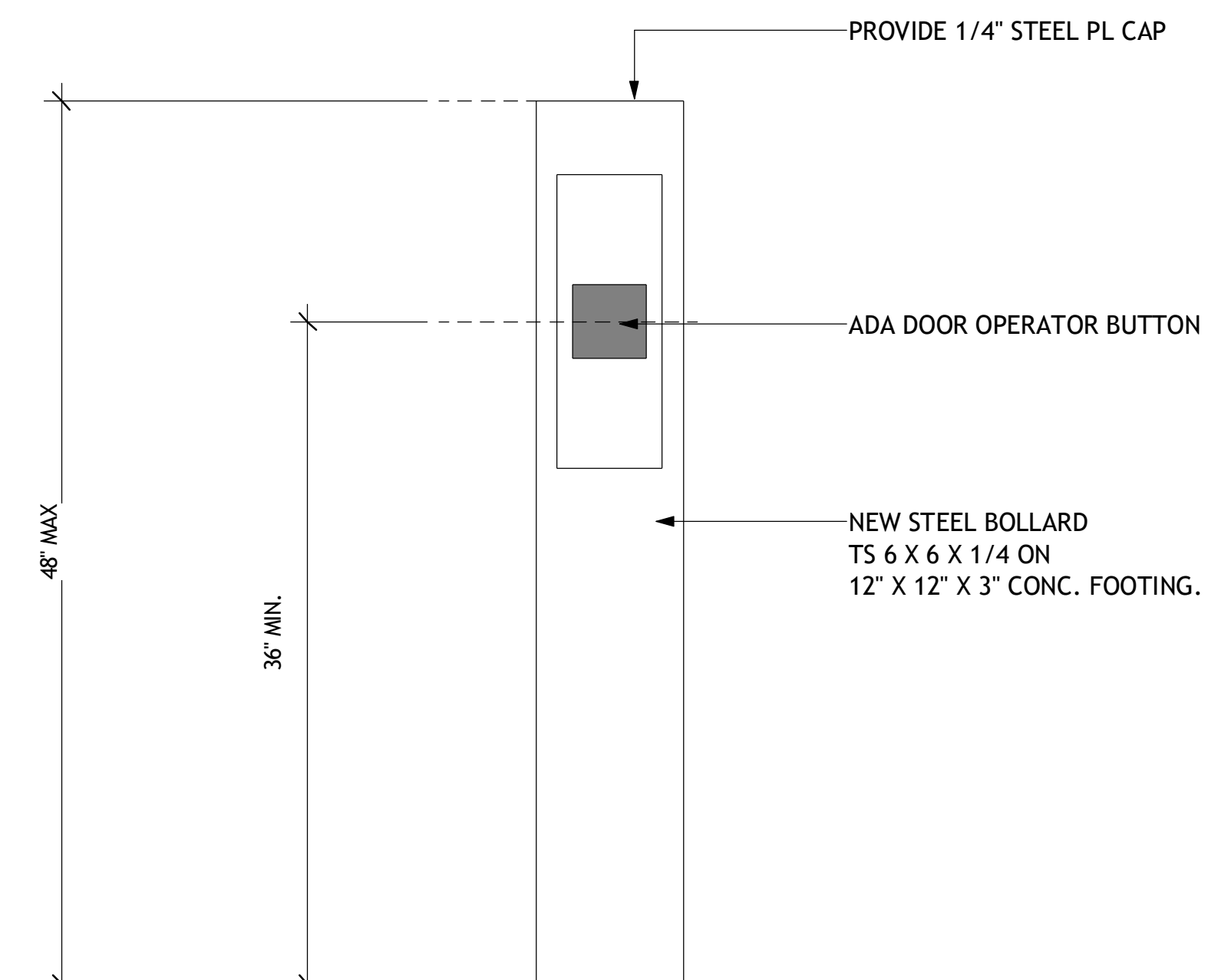
DOOR LEGEND:



SCALE 1/4" = 1'-0"

DOOR NOTES:

- BB HINGES AND CLOSERS AT OFFICE & CONF. ROOM DOORS, TYPICAL.
- THRESHOLDS AND WEATHERSTRIPING @ EXTERIOR DOORS TYP.
- COORDINATE ACCESS CONTROLS WITH OWNER
- A1-E1 - ADD CARD READER
- A1-E2 - ADD CARD READER



1 ADA DOOR OPERATOR (EXTERIOR)
A0-01 1 1/2" = 1'-0"

stamp:



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revisions

No.	Description	Date

sheet title:

**GENERAL
INFORMATION**

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A0-01

- NOT ISSUED FOR CONSTRUCTION
- ISSUED FOR CONSTRUCTION

SECTION 00 7200 - GENERAL CONDITIONS

- PERFORM CONTRACT IN ACCORDANCE OF THE REQUIREMENTS AND PROCEDURES STIPULATED IN THE GENERAL CONDITIONS THAT ARE REFERENCED IN THE OWNER-CONTRACTOR AGREEMENT.
- PERFORM WORK IN ACCORDANCE WITH APPLICABLE LOCAL CODES, ORDINANCES, AND REGULATIONS.

SECTION 01 1110 - SUMMARY OF WORK

- PROJECT CONSISTS OF INTERIOR MODIFICATIONS TO AN EXISTING TENENT SPACE. NO CHANGES TO OCCUPANCY, CONSTRUCTION TYPE OR EGRESS ARE PLANNED. NO SITE WORK IS INCLUDED.
 - PROJECT NAME: TUCKER CITY HALL
 - PROJECT LOCATION: 1975 Lakeside Pkwy Suite 350, Tucker, GA 30084
 - OWNER: CITY OF TUCKER
- WORK WILL BE CONSTRUCTED UNDER A SINGLE PRIME CONTRACT.
- COOPERATE WITH SEPARATE CONTRACTORS SO THAT WORK UNDER THOSE CONTRACTS MAY BE CARRIED OUT SMOOTHLY, WITHOUT INTERFERING WITH OR DELAYING WORK UNDER THIS CONTRACT.
- CONTRACTOR USE OF PREMISES: DURING CONSTRUCTION CONTRACTOR SHALL NOT HAVE FULL USE OF PREMISES. CONTRACTOR'S USE OF PREMISES IS LIMITED ALSO BY OWNER'S RIGHT TO PERFORM WORK OR EMPLOY OTHER CONTRACTORS ON PORTIONS OF PROJECT.
- USE OF SITE: LIMIT USE OF PREMISES TO AREAS INDICATED. DO NOT DISTURB PORTIONS OF SITE BEYOND AREAS INDICATED.
 - ALLOW FOR WORK BY SEPARATE CONTRACTORS.
 - ALLOW FOR OWNER OCCUPANCY AND USE BY PUBLIC.
 - KEEP DRIVEWAYS AND ENTRANCES CLEAR.
 - DO NOT USE THESE AREAS FOR PARKING OR MATERIAL STORAGE.
 - SCHEDULE DELIVERIES TO MINIMIZE ON-SITE STORAGE OF MATERIALS AND EQUIPMENT.
- FULL OWNER OCCUPANCY: OWNER WILL OCCUPY SITE AND EXISTING BUILDING DURING CONSTRUCTION.
 - COOPERATE WITH OWNER TO MINIMIZE CONFLICTS AND FACILITATE OWNER USAGE. DO NOT INTERFERE WITH OWNER'S OPERATIONS.
- PARTIAL OWNER OCCUPANCY: OWNER RESERVES RIGHT TO OCCUPY AND TO PLACE AND INSTALL EQUIPMENT IN COMPLETED AREAS OF BUILDING PRIOR TO SUBSTANTIAL COMPLETION. PLACING EQUIPMENT AND PARTIAL OCCUPANCY DO NOT CONSTITUTE ACCEPTANCE OF WORK.
 - OBTAIN A CERTIFICATE OF SUBSTANTIAL COMPLETION FOR EACH PORTION OF WORK PRIOR TO OWNER OCCUPANCY.
 - OBTAIN A CERTIFICATE OF OCCUPANCY FROM BUILDING OFFICIALS PRIOR TO OWNER OCCUPANCY.
 - MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE OPERATIONAL AND REQUIRED INSPECTIONS AND TESTS COMPLETED PRIOR TO PARTIAL OWNER OCCUPANCY. UPON OCCUPANCY, OWNER WILL OPERATE AND MAINTAIN SYSTEMS SERVING OCCUPIED PORTIONS OF BUILDING.
 - OWNER WILL BE RESPONSIBLE FOR MAINTENANCE AND CUSTODIAL SERVICE FOR OCCUPIED PORTIONS OF BUILDING.
 - ALLOWANCES:
 - DOOR HARDWARE:
 - CARPET:

SECTION 01 2300 - ALTERNATES

- ALTERNATE: AN AMOUNT PROPOSED BY BIDDERS AND FOR CERTAIN WORK THAT MAY BE ADDED TO OR DEDUCTED FROM THE BASE BID AMOUNT IF OWNER DECIDES TO ACCEPT A CORRESPONDING CHANGE EITHER IN THE AMOUNT OF CONSTRUCTION TO BE COMPLETED OR IN THE PRODUCTS, MATERIALS, EQUIPMENT, SYSTEMS, OR INSTALLATION METHODS DESCRIBED IN THE CONTRACT DOCUMENTS.
 - THE COST OR CREDIT FOR EACH ALTERNATE IS THE NET ADDITION TO OR DEDUCTION FROM THE CONTRACT SUM TO INCORPORATE ALTERNATE INTO THE WORK. NO OTHER ADJUSTMENTS ARE MADE TO THE CONTRACT SUM
- COORDINATION: MODIFY OR ADJUST AFFECTED ADJACENT WORK AS NECESSARY TO COMPLETELY INTEGRATE WORK OF THE ALTERNATE INTO PROJECT.
 - INCLUDE AS PART OF EACH ALTERNATE, MISCELLANEOUS DEVICES, ACCESSORY OBJECTS, AND SIMILAR ITEMS INCIDENTAL TO OR REQUIRED FOR A COMPLETE INSTALLATION WHETHER OR NOT INDICATED AS PART OF ALTERNATE.
- NOTIFICATION: IMMEDIATELY FOLLOWING AWARD OF THE CONTRACT, NOTIFY EACH PARTY INVOLVED, IN WRITING, OF THE STATUS OF EACH ALTERNATE. INDICATE IF ALTERNATES HAVE BEEN ACCEPTED, REJECTED, OR DEFERRED FOR LATER CONSIDERATION. INCLUDE A COMPLETE DESCRIPTION OF NEGOTIATED MODIFICATIONS TO ALTERNATES..
- A SCHEDULE OF ALTERNATES IS INCLUDED IN THIS SECTION. SPECIFICATION SECTIONS REFERENCED IN SCHEDULE CONTAIN REQUIREMENTS FOR MATERIALS NECESSARY TO ACHIEVE THE WORK DESCRIBED UNDER EACH ALTERNATE..
- ACCEPTANCE OF ALTERNATES WILL BE EXERCISED AT OPTION OF OWNER IN A NY ORDER OR COMBINATION.
- SCHEDULE OF ALTERNATES:
 - ALTERNATE NO. 1: PROVIDE ALL GLASS ENTRANCES IN LIEU OF FLUSH WOOD DOORS AT OPENING 405A.

SECTION 01 2500 - SUBSTITUTION PROCEDURES

- BIDS SHALL BE BASED UPON PROVIDING SPECIFIED MATERIALS, PRODUCTS, ACCEPTABLE MANUFACTURERS, ORGANIZATIONS, AND APPLICATIONS; IDENTIFIED IN THESE SPECIFICATIONS OR INDICATED ON DRAWINGS.
- REQUESTS FOR CHANGES IN PRODUCTS, MATERIALS, EQUIPMENT, AND METHODS OF CONSTRUCTION REQUIRED BY CONTRACT DOCUMENTS PROPOSED BY CONTRACTOR AFTER AWARD OF CONTRACT ARE CONSIDERED REQUESTS FOR "SUBSTITUTIONS".
- SUBMIT SEPARATE REQUEST FOR EACH PRODUCT SUBSTITUTION, SUPPORTED WITH COMPLETE DATA, TECHNICAL LITERATURE, DRAWINGS AND SAMPLES AS APPROPRIATE. BURDEN OF PROOF OF EQUALITY RESTS WITH CONTRACTOR.
- BY MAKING REQUEST FOR SUBSTITUTION, CONTRACTOR REPRESENTS THAT HE HAS PERSONALLY INVESTIGATED PROPOSED SUBSTITUTION PRODUCT AND DETERMINED THAT IT IS EQUAL TO OR SUPERIOR IN ALL RESPECTS TO THAT SPECIFIED.
- REQUESTS FOR SUBSTITUTIONS WILL BE REVIEWED WITH REASONABLE PROMPTNESS, AND CONTRACTOR, WILL BE NOTIFIED IN WRITING, OF DECISION TO ACCEPT OR REJECT REQUESTED SUBSTITUTION.
- OWNER RESERVES THE RIGHT TO ACCEPT OR REJECT PROPOSED SUBSTITUTIONS. EACH REQUEST SHALL STATE AMOUNT OF SAVINGS TO OWNER, IF SUBSTITUTION IS ACCEPTED. ACCEPTANCE OF PROPOSED SUBSTITUTION DOES NOT CONSTITUTE APPROVAL OR INCLUSION IN ARCHITECT'S AND CONSULTANT'S DOCUMENTS.
- COST OF TESTING REQUIRED FOR ANALYSIS OF PROPOSED SUBSTITUTION SHALL BE PAID FOR BY CONTRACTOR AT TESTING AGENCY SELECTED AND APPROVED BY OWNER.
- SHOULD SUBSTITUTION BE ACCEPTED, CONTRACTOR SHALL BE RESPONSIBLE, AT NO ADDITIONAL COST, FOR MAKING NECESSARY ADJUSTMENTS IN WORK WHICH MAY BE AFFECTED AS RESULT OF SUBSTITUTION.
- CONTRACTOR WARRANTS THAT SUBSTITUTED MATERIAL OR SYSTEM WILL PERFORM SAME AS ORIGINAL SPECIFIED MATERIAL OR SYSTEM WOULD HAVE PERFORMED. SHOULD ACCEPTED SUBSTITUTION FAIL TO PERFORM AS REQUIRED, CONTRACTOR SHALL REPLACE SUBSTITUTE MATERIAL OR SYSTEM WITH THAT SPECIFIED AND BEAR COSTS INCURRED THEREBY.
- WHERE SPECIFICATIONS DESCRIBE A PRODUCT OR ASSEMBLY, LISTING EXACT CHARACTERISTICS REQUIRED, WITHOUT USE OF A BRAND OR TRADE NAME, PROVIDE A PRODUCT OR ASSEMBLY THAT PROVIDES CHARACTERISTICS AND OTHERWISE COMPLIES WITH CONTRACT REQUIREMENTS.
- WHERE SPECIFICATIONS REQUIRE COMPLIANCE WITH PERFORMANCE REQUIREMENTS, PROVIDE PRODUCTS THAT COMPLY WITH THESE REQUIREMENTS, AND ARE RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED.
- WHERE SPECIFICATIONS REQUIRE COMPLIANCE WITH IMPOSED CODE, STANDARD OR REGULATION, SELECT PRODUCT THAT COMPLIES WITH STANDARDS, CODES OR REGULATIONS SPECIFIED.
- FOR PRODUCTS PROPRIETARILY SPECIFIED BY A "NAMED MANUFACTURER" AND MODEL NAME OR NUMBER, THIS IS TO ESTABLISH STANDARD OF QUALITY.
- FOR PRODUCTS SPECIFIED BY NAMING SEVERAL "ACCEPTABLE MANUFACTURERS", SELECT ONE OF PRODUCTS OR MANUFACTURERS NAMED, WHICH COMPLIES WITH CONTRACT DOCUMENTS. REQUESTS FOR MANUFACTURER'S PRODUCTS NOT LISTED MUST BE SUBMITTED AS SUBSTITUTIONS.
- FOR PRODUCTS SPECIFIED BY NAMING ONLY ONE PRODUCT OR MANUFACTURER, CONTRACTOR MUST SUBMIT REQUEST AS FOR SUBSTITUTIONS FOR PRODUCT OR MANUFACTURER NOT SPECIFICALLY NAMED.
- FOR PRODUCTS SPECIFIED BY NAMING ONLY ONE PRODUCT AND MANUFACTURER AND INDICATED AS "NO SUBSTITUTE", THERE IS NO OPTION.

SECTION 01 2600 - CONTRACT MODIFICATION PROCEDURES

- MINOR CHANGES IN WORK: ARCHITECT WILL ISSUE INSTRUCTIONS AUTHORIZING MINOR CHANGES IN WORK ON ARCHITECTS STANDARD FORM.
- PROPOSAL CHANGE REQUESTS: ARCHITECT WILL ISSUE A DESCRIPTION OF PROPOSED CHANGES IN WORK THAT REQUIRE ADJUSTMENT TO CONTRACT SUM OR TIME. DESCRIPTION MAY INCLUDE SUPPLEMENTAL OR REVISED DRAWINGS AND SPECIFICATIONS.
- CONTRACTOR-INITIATED PROPOSALS: WHEN UNFORESEEN CONDITIONS REQUIRE MODIFICATIONS, CONTRACTOR MAY SUBMIT A REQUEST FOR A CHANGE TO ARCHITECT.
 - DESCRIBE PROPOSED CHANGE.
 - INDICATE REASONS FOR CHANGE AND EFFECT OF CHANGE ON CONTRACT SUM AND TIME.
 - INCLUDE AN ITEMIZED LIST OF PRODUCTS REQUIRED AND UNIT COSTS, WITH TOTAL AMOUNT OF PURCHASES.
 - INDICATE TAXES, DELIVERY CHARGES, EQUIPMENT RENTAL, AND AMOUNTS OF TRADE DISCOUNTS.
- PROPOSED CHANGE FORM: USE ARCHITECTS STANDARD FORM.
- CONSTRUCTION CHANGE DIRECTIVE: WHEN OWNER AND CONTRACTOR DISAGREE ON TERMS OF A PROPOSED CHANGE, ARCHITECT MAY ISSUE A CONSTRUCTION CHANGE DIRECTIVE ON ARCHITECT'S STANDARD FORM INSTRUCTING CONTRACTOR TO PROCEED WITH A CHANGE. CONSTRUCTION CHANGE DIRECTIVE CONTAINS A DESCRIPTION OF CHANGE AND DESIGNATES METHOD TO BE FOLLOWED TO DETERMINE CHANGE IN CONTRACT SUM OR TIME.
- DOCUMENTATION: MAINTAIN DETAILED RECORDS ON A TIME AND MATERIAL BASIS OF WORK REQUIRED BY CONSTRUCTION CHANGE DIRECTIVE. AFTER COMPLETING CHANGE, SUBMIT AN ITEMIZED ACCOUNT AND SUPPORTING DATA TO SUBSTANTIATE CONTRACT ADJUSTMENTS.
- CHANGE ORDER PROCEDURES: UPON OWNER'S APPROVAL OF A PROPOSED CHANGE, ARCHITECT WILL ISSUE A CHANGE ORDER ON ARCHITECT'S STANDARD FORM.

SECTION 01 2900 - PAYMENT PROCEDURES

- COORDINATE SCHEDULE OF VALUES AND APPLICATIONS FOR PAYMENT WITH CONTRACTOR'S CONSTRUCTION SCHEDULE, SUBMITTAL SCHEDULE, AND LIST OF SUBCONTRACTS.
- SCHEDULE OF VALUES: COORDINATE PREPARATION OF SCHEDULE OF VALUES WITH PREPARATION OF CONTRACTOR'S CONSTRUCTION SCHEDULE.
 - CORRELATE LINE ITEMS IN SCHEDULE OF VALUES WITH OTHER REQUIRED ADMINISTRATIVE SCHEDULES AND FORMS
 - SUBMIT SCHEDULE OF VALUES AT EARLIEST POSSIBLE DATE BUT NO LATER THAN 7 DAYS BEFORE DATE SCHEDULED FOR SUBMITTAL OF INITIAL APPLICATIONS FOR PAYMENT.
- FORMAT AND CONTENT: USE SPECIFICATION SECTION NAME AND NUMBERING AS A GUIDE TO ESTABLISH FORMAT FOR SCHEDULE OF VALUES. PROVIDE AT LEAST ONE LINE ITEM FOR EACH SPECIFICATION SECTION.
- APPLICATIONS FOR PAYMENT SHALL BE CONSISTENT WITH PREVIOUS APPLICATIONS AND PAYMENTS AS CERTIFIED BY ARCHITECT AND PAID FOR BY OWNER.
- PAYMENT-APPLICATION TIMES: PAYMENT DATES ARE INDICATED IN AGREEMENT. PERIOD COVERED BY EACH APPLICATION IS PERIOD INDICATED IN AGREEMENT.
- PAYMENT-APPLICATION FORMS: USE AIA DOCUMENT G702 AND CONTINUATION SHEETS G703 AS FORM FOR APPLICATIONS FOR PAYMENT.
- APPLICATION PREPARATION: COMPLETE EVERY ENTRY, INCLUDING NOTARIZATION AND EXECUTION BY A PERSON AUTHORIZED TO SIGN ON BEHALF OF CONTRACTOR.
 - ENTRIES SHALL MATCH DATA ON SCHEDULE OF VALUES AND CONTRACTOR'S CONSTRUCTION SCHEDULE.
 - USE UPDATED SCHEDULES IF REVISIONS WERE MADE.
 - INCLUDE AMOUNTS OF CHANGE ORDERS AND CONSTRUCTION CHANGE DIRECTIVES ISSUED PRIOR TO LAST DAY OF CONSTRUCTION PERIOD COVERED BY APPLICATION

SECTION 01 3100 - PROJECT MANAGEMENT AND COORDINATION

- COORDINATION: COORDINATE CONSTRUCTION TO ASSURE EFFICIENT AND ORDERLY INSTALLATION OF EACH PART OF WORK. COORDINATE OPERATIONS THAT DEPEND ON EACH OTHER FOR PROPER INSTALLATION, CONNECTION AND OPERATION.
 - SCHEDULE OPERATIONS IN SEQUENCE REQUIRED TO OBTAIN BEST RESULTS WHERE INSTALLATION OF ONE PART DEPENDS ON INSTALLATION OF OTHER COMPONENTS BEFORE OR AFTER ITS OWN INSTALLATION.
 - COORDINATE INSTALLATION OF DIFFERENT COMPONENTS TO ASSURE MAXIMUM ACCESSIBILITY FOR MAINTENANCE, SERVICE AND REPAIR.
 - MAKE PROVISIONS TO ACCOMMODATE ITEMS SCHEDULED FOR LATER INSTALLATION.
- ADMINISTRATIVE PROCEDURES: COORDINATE SCHEDULING AND TIMING OF REQUIRED PROCEDURES WITH OTHER ACTIVITIES TO AVOID CONFLICTS AND ASSURE ORDERLY PROGRESS.
- STAFF NAMES: SUBMIT A LIST OF CONTRACTOR'S STAFF ASSIGNMENTS, INCLUDING SUPERINTENDENT AND OTHER PERSONNEL AT PROJECT SITE; IDENTIFY INDIVIDUALS, THEIR DUTIES, RESPONSIBILITIES, ADDRESSES AND TELEPHONE NUMBERS.
- REQUIRE INSTALLERS OF MAJOR COMPONENTS TO INSPECT SUBSTRATE AND CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. DO NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- COORDINATE TEMPORARY ENCLOSURES WITH INSPECTIONS AND TESTS, TO MINIMIZE NEED TO UNCOVER COMPLETED CONSTRUCTION.
- CLEAN AND PROTECT CONSTRUCTION IN PROGRESS AND ADJOINING MATERIALS IN PLACE DURING HANDLING AND INSTALLATION. APPLY PROTECTIVE COVERING TO ASSURE PROTECTION FROM DAMAGE.
- CLEAN AND MAINTAIN COMPLETED CONSTRUCTION AS NECESSARY THROUGH CONSTRUCTION PERIOD. ADJUST AND LUBRICATE OPERABLE COMPONENTS TO ASSURE OPERABILITY WITHOUT DAMAGING EFFECTS.
- SUPERVISE CONSTRUCTION TO ASSURE THAT NO PART IS SUBJECT TO HARMFUL, DANGEROUS, OR DAMAGING EXPOSURE.
- PRE-CONSTRUCTION CONFERENCE: ARCHITECT WILL SCHEDULE AND CONDUCT A PRE-CONSTRUCTION CONFERENCE AFTER "NOTICE TO PROCEED" AND PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. REVIEW RESPONSIBILITIES AND PERSONNEL ASSIGNMENTS.
- PRE-INSTALLATION CONFERENCE: CONDUCT A PRE-INSTALLATION CONFERENCE BEFORE EACH ACTIVITY THAT REQUIRES COORDINATION WITH OTHER CONSTRUCTION. INSTALLER AND REPRESENTATIVES OF MANUFACTURERS AND FABRICATORS INVOLVED IN INSTALLATION, AND COORDINATION OR INTEGRATION WITH OTHER MATERIALS AND INSTALLATIONS THAT HAVE PRECEDED OR WILL FOLLOW, SHALL ATTEND. ADVISE ARCHITECT OF SCHEDULED MEETING DATES.
- PROGRESS MEETINGS: CONDUCT PROGRESS MEETINGS AT PROJECT SITE AT REGULAR INTERVALS. NOTIFY OWNER AND ARCHITECT OF SCHEDULED DATES. COORDINATE MEETING DATES WITH PREPARATION OF PAYMENT REQUEST.
- REPORTING: NO LATER THAN 3 DAYS AFTER EACH MEETING, DISTRIBUTE COPIES OF MINUTES OF MEETING TO EACH PARTY PRESENT AND TO PARTIES WHO SHOULD HAVE BEEN PRESENT. INCLUDE A SUMMARY, IN NARRATIVE FORM, PROGRESS SINCE PREVIOUS MEETING.
- SCHEDULE UPDATING: REVISE CONTRACTOR'S CONSTRUCTION SCHEDULE AFTER EACH MEETING WHERE REVISIONS HAVE BEEN MADE. ISSUE REVISED SCHEDULE CONCURRENTLY WITH REPORT OF EACH MEETING.
- ELECTRONIC PROJECT MANAGEMENT SOFTWARE: PROJECT TO USE PROJECT MANAGEMENT SYSTEM WEB-BASED CONSTRUCTION ADMINISTRATION SOFTWARE. CONTRACTOR'S KEY PERSONNEL AND PROJECT CONSTRUCTION TEAM MEMBERS WILL BE REQUIRED TO UTILIZE THIS SYSTEM.

SECTION 01 3300 - SUBMITTAL PROCEDURES

- COORDINATE SUBMITTAL PREPARATION WITH PERFORMANCE OF CONSTRUCTION ACTIVITIES, AND WITH PURCHASING OR FABRICATION, DELIVERY, OTHER SUBMITTALS AND RELATED ACTIVITIES.
- SUBMIT A FULLY DEVELOPED, BAR-CHART TYPE CONSTRUCTION SCHEDULE, WITHIN 30 DAYS OF DATE ESTABLISHED FOR COMMENCEMENT OF WORK.
- PREPARE A DAILY CONSTRUCTION REPORT, RECORDING INFORMATION CONCERNING EVENTS AT SITE.
- UTILIZE ELECTRONIC PROJECT MANAGEMENT SOFTWARE PROGRAM TO PROCESS SUBMITTALS WHEN FEASIBLE WITH THE TYPE AND EXTENT OF SUBMITTALS. REFER TO SECTION 01-3100 "PROJECT MANAGEMENT AND COORDINATION" FOR DESCRIPTION OF ELECTRONIC PROJECT MANAGEMENT SOFTWARE.
- SUBMIT SHOP DRAWINGS, DRAWN TO ACCURATE SCALE. INDICATE DEVIATIONS FROM CONTRACT DOCUMENTS.
 - DO NOT REPRODUCE CONTRACT DOCUMENTS OR COPY STANDARD INFORMATION AS BASIS OF SHOP DRAWINGS.
- CONTINUE SUBMITTING SHOP DRAWINGS UNTIL FINAL ACCEPTANCE. WHEN REQUESTED, SUBMIT ADDITIONAL COPIES OF STRUCTURAL, MECHANICAL AND ELECTRICAL ITEMS.
- COLLECT PRODUCT DATA INTO A SINGLE SUBMITTAL FOR EACH ELEMENT OR SYSTEM. MARK EACH COPY TO SHOW APPLICABLE CHOICES AND OPTIONS. WHERE PRODUCT DATA INCLUDES INFORMATION ON SEVERAL PRODUCTS, MARK COPIES TO INDICATE APPLICABLE INFORMATION.
- CONTINUE SUBMITTING PRODUCT DATA UNTIL FINAL ACCEPTANCE. WHEN REQUESTED, SUBMIT ADDITIONAL COPIES OF STRUCTURAL, MECHANICAL AND ELECTRICAL ITEMS.
- SUBMIT FULL-SIZE SAMPLES CURED AND FINISHED AS SPECIFIED AND IDENTICAL TO PRODUCT PROPOSED.
 - MOUNT, DISPLAY, OR PACKAGE SAMPLES TO FACILITATE REVIEW.
- CONTRACTOR SHALL REVIEW AND STAMP SUBMITTALS WITH HIS APPROVAL. SUBMITTALS WHICH DO NOT BEAR CONTRACTOR'S APPROVAL STAMP WILL BE RETURNED WITHOUT REVIEW. STAMP SHALL INCLUDE STATEMENT, "THIS SUBMITTAL HAS BEEN REVIEWED FOR COMPLIANCE WITH REQUIREMENTS OF WORK AND OF CONTRACT DOCUMENTS."
- ACCEPTANCE OF SHOP DRAWINGS, SAMPLES OR PRODUCT DATA WHICH DEVIATES FROM CONTRACT DOCUMENTS DOES NOT AUTHORIZE CHANGES TO CONTRACT SUM. SUBMIT IN WRITING AT TIME OF SUBMISSION ANY CHANGES TO CONTRACT SUM AFFECTED BY SUCH SHOP DRAWINGS, SAMPLES OR PRODUCT DATA, OTHERWISE, CLAIM FOR EXTRAS WILL NOT BE CONSIDERED.
- ELECTRONIC FILE OF SUBMITTAL DOCUMENTS: PROVIDE ARCHITECT WITH AN INDEPENDENT ELECTRONIC ARCHIVE OF PROJECT SUBMITTAL DOCUMENTS USING ELECTRONIC PROJECT MANAGEMENT SOFTWARE AS DEFINED IN SECTION 01-3100 "PROJECT MANAGEMENT AND COORDINATION."

SECTION 01 3500 SPECIAL ALTERATION PROCEDURES

- OWNER WILL OCCUPY THE PREMISES DURING CONSTRUCTION PERIOD. COORDINATE WITH REQUIREMENTS OF OWNER TO MAINTAIN CONTINUITY OF OWNER'S OPERATIONS.
- EXISTING FACILITIES SHALL REMAIN IN FULL OPERATION DURING CONSTRUCTION WORK. MAINTAIN ACCESS TO BUILDING AT ALL TIMES. PREVENT INTERRUPTION IN UTILITIES OR SERVICES.
- DO NOT BLOCK REQUIRED FIRE EXITS. KEEP ENTRANCES OPEN, CLEAN AND NEAT.
- DO NOT DISCONNECT EXISTING UTILITIES UNTIL NEW ONES HAVE BEEN INSTALLED. GIVE WRITTEN NOTICE TO OWNER PRIOR TO INTERRUPTION OF EXISTING FUNCTIONING UTILITY.
- PROVIDE PROTECTION AS REQUIRED FOR PUBLIC, AND OWNER'S PERSONNEL. CONDUCT OPERATIONS TO INSURE LEAST INCONVENIENCE TO EMPLOYEES AND GENERAL PUBLIC.
- MAINTAIN PRESENT ROOFS AND WALLS IN WATERPROOF CONDITION. SEAL OPENINGS AND EXPOSED PORTIONS OF CONSTRUCTION, WATERTIGHT UNTIL NEW WORK IS IN PLACE.
- INSTALL TEMPORARY DUST TIGHT NON-COMBUSTIBLE PARTITIONS. ERECT AT ALL PLACES WHERE NECESSARY TO PROTECT PRESENT BUILDINGS FROM WEATHER AND DUST. PROVIDE ACCESS DOORS AS REQUIRED.
- MAINTAIN EXISTING FIRE PROTECTION PROVISIONS.

SECTION 01 4200 - REFERENCES

- INDICATED REFERS TO GRAPHIC REPRESENTATIONS, NOTES, OR SCHEDULES ON DRAWINGS, PARAGRAPHS OR SCHEDULES IN SPECIFICATIONS, AND SIMILAR REQUIREMENTS IN CONTRACT DOCUMENTS.
- DIRECTED, REQUESTED, AUTHORIZED, SELECTED, APPROVED, REQUIRED, AND PERMITTED MEAN DIRECTED BY ARCHITECT, REQUESTED BY ARCHITECT, AND SIMILAR PHRASES.
- APPROVED, WHEN USED IN CONJUNCTION WITH ARCHITECT'S ACTION ON SUBMITTALS, APPLICATIONS, AND REQUESTS, IS LIMITED TO ARCHITECT'S DUTIES AND RESPONSIBILITIES AS STATED IN CONDITIONS OF CONTRACT.
- REGULATIONS INCLUDE LAWS, ORDINANCES, STATUTES, AND LAWFUL ORDERS ISSUED BY AUTHORITIES HAVING JURISDICTION, AS WELL AS RULES, CONVENTIONS, AND AGREEMENTS WITHIN CONSTRUCTION INDUSTRY THAT CONTROL PERFORMANCE OF WORK.
- FURNISH MEANS SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.
- INSTALL DESCRIBES OPERATIONS AT PROJECT SITE INCLUDING UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS.
- PROVIDE MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR INTENDED USE.
- WHERE ACRONYMS OR ABBREVIATIONS ARE USED IN SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THEY MEAN RECOGNIZED NAME OF TRADE ASSOCIATION, STANDARDS-GENERATING ORGANIZATION, AUTHORITIES HAVING JURISDICTION, OR OTHER ENTITY APPLICABLE TO CONTEXT OF TEXT PROVISION.

- EXCEPT WHERE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE SAME FORCE AND EFFECT AS IF BOUND OR COPIED DIRECTLY INTO CONTRACT DOCUMENTS TO EXTENT REFERENCED. SUCH STANDARDS ARE MADE A PART OF CONTRACT DOCUMENTS BY REFERENCE.
 - COMPLY WITH STANDARDS IN EFFECT AS OF DATE OF CONTRACT DOCUMENTS.
 - WHERE COMPLIANCE WITH TWO OR MORE STANDARDS IS SPECIFIED REFER REQUIREMENTS TO ARCHITECT FOR DECISION BEFORE PROCEEDING.
 - QUANTITY OR QUALITY LEVEL SHOWN OR SPECIFIED SHALL BE MINIMUM PROVIDED OR PERFORMED.

SECTION 01 4500 - QUALITY CONTROL

- MAINTAIN QUALITY CONTROL OVER SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, SITE CONDITIONS, AND WORKMANSHIP, TO PRODUCE WORK OF SPECIFIED QUALITY. MATERIALS AND WORKMANSHIP NOT MEETING REQUIRED STANDARDS OR PERFORMANCE OBLIGATIONS SHALL BE REMOVED AND REPLACED AT CONTRACTOR'S EXPENSE, INCLUDING SUBSEQUENT TESTING.
- PROVIDE INSPECTIONS AND TESTS SPECIFIED OR REQUIRED BY GOVERNING AUTHORITIES, EXCEPT WHERE SPECIFIED TO BE OWNER'S RESPONSIBILITY. COSTS SHALL BE INCLUDED IN CONTRACT.
- OWNER MAY PROVIDE INSPECTIONS, TESTS AND SIMILAR QUALITY CONTROL SERVICES PERFORMED BY INDEPENDENT AGENCIES WHERE NOT SPECIFIED TO BE CONTRACTOR'S RESPONSIBILITY. COSTS FOR THESE SERVICES ARE NOT INCLUDED IN CONTRACT SUM.
- CONTRACTOR AND EACH AGENCY ENGAGED TO PERFORM INSPECTIONS AND TESTS SHALL COORDINATE SEQUENCE OF ACTIVITIES TO ACCOMMODATE SERVICES WITH A MINIMUM OF DELAY. CONTRACTOR AND EACH AGENCY SHALL COORDINATE ACTIVITIES TO AVOID REMOVING AND REPLACING CONSTRUCTION TO ACCOMMODATE INSPECTIONS AND TESTS.
- ENGAGE INSPECTION AND TESTING AGENCIES WHICH ARE PREQUALIFIED AS COMPLYING WITH "RECOMMENDED REQUIREMENTS FOR INDEPENDENT LABORATORY QUALIFICATION" BY AMERICAN COUNCIL OF INDEPENDENT LABORATORIES, AND SPECIALIZE IN TYPES OF INSPECTIONS AND TESTS TO BE PERFORMED.
- UPON COMPLETION OF INSPECTION AND TESTING REPAIR DAMAGED CONSTRUCTION AND RESTORE SUBSTRATES AND FINISHES TO ELIMINATE DEFICIENCIES.

SECTION 01 5000 - TEMPORARY FACILITIES AND CONTROLS

- COMPLY WITH APPLICABLE LAWS AND REGULATIONS.
- KEEP FACILITIES CLEAN AND NEAT. OPERATE IN A SAFE AND EFFICIENT MANNER. TAKE NECESSARY FIRE PREVENTION MEASURES. DO NOT OVERLOAD, OR PERMIT FACILITIES TO INTERFERE WITH PROGRESS. DO NOT ALLOW HAZARDOUS, DANGEROUS OR UNSANITARY CONDITIONS, OR PUBLIC NUISANCES TO DEVELOP OR PERSIST ON SITE.
- PROVIDE NEW MATERIALS AND EQUIPMENT; OR UNDAMAGED PREVIOUSLY USED MATERIALS AND EQUIPMENT IN SERVICEABLE CONDITION. PROVIDE MATERIALS AND EQUIPMENT SUITABLE FOR USE INTENDED.
- TEMPORARY HEAT: PROVIDE TEMPORARY HEAT FOR CURING OR DRYING OF COMPLETED INSTALLATIONS OR PROTECTION OF INSTALLED CONSTRUCTION FROM ADVERSE EFFECTS OF LOW TEMPERATURES OR HIGH HUMIDITY.
- FIELD OFFICES: PROVIDE INSULATED, WEATHERTIGHT FIELD OFFICES OF SIZE TO ACCOMMODATE PERSONNEL. PROVIDE HEATED AND AIR-CONDITIONED, PREFABRICATED UNITS OR SIMILAR CONSTRUCTION, ON ADEQUATE FOUNDATIONS, WITH LOCKABLE ENTRANCES, OPERABLE WINDOWS AND SERVICEABLE FINISHES.
- STORAGE AND FABRICATION SHEDS: INSTALL SHEDS, EQUIPPED TO ACCOMMODATE MATERIALS AND EQUIPMENT INVOLVED. SHEDS MAY BE OPEN SHELTERS OR ENCLOSED SPACES WITHIN BUILDING.
- TEMPORARY TOILETS: INSTALL SELF-CONTAINED SINGLE-OCCUPANT TEMPORARY TOILET UNITS OF CHEMICAL, AERATED RECIRCULATION, OR COMBUSTION TYPE, PROPERLY VENTED AND FULLY ENCLOSED WITH A GLASS FIBER REINFORCED POLYESTER SHELL OR SIMILAR NONABSORBENT MATERIAL.
- DRINKING WATER FACILITIES: PROVIDE CONTAINERIZED TAP-DISPENSER BOTTLED-WATER TYPE DRINKING WATER UNITS.
- TEMPORARY ENCLOSURES: PROVIDE TEMPORARY ENCLOSURE FOR PROTECTION OF CONSTRUCTION FROM EXPOSURE, FOUL WEATHER, OTHER CONSTRUCTION OPERATIONS AND SIMILAR ACTIVITIES.
- TEMPORARY LIFTS AND HOISTS: PROVIDE FACILITIES FOR HOISTING MATERIALS MEETING APPLICABLE SAFETY REQUIREMENTS.



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RENOVATION**

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SECTION 01 5100 - TEMPORARY UTILITIES

1. PROVIDE CONNECTIONS TO EXISTING UTILITIES, SIZE TO PROVIDE SERVICE REQUIRED; OWNER WILL PAY COSTS OF SERVICE USED.
2. OPERATE IN A SAFE AND EFFICIENT MANNER. TAKE NECESSARY FIRE PREVENTION MEASURES. DO NOT ALLOW HAZARDOUS, DANGEROUS OR PUBLIC NUISANCES TO DEVELOP OR PERSIST ON SITE.
3. PROVIDE NEW MATERIALS AND EQUIPMENT; OR UNDAMAGED PREVIOUSLY USED MATERIALS AND EQUIPMENT IN SERVICEABLE CONDITION. PROVIDE MATERIALS AND EQUIPMENT SUITABLE FOR USE INTENDED.
4. ENGAGE LOCAL UTILITY COMPANY TO INSTALL TEMPORARY SERVICE OR CONNECT TO EXISTING SERVICE.
ARRANGE FOR A TIME WHEN SERVICE CAN BE INTERRUPTED TO MAKE CONNECTIONS. PROVIDE ADEQUATE CAPACITY AT EACH STAGE OF CONSTRUCTION.
5. WATER SERVICE: INSTALL WATER SERVICE AND DISTRIBUTION PIPING OF SIZES AND PRESSURES ADEQUATE FOR CONSTRUCTION. STERILIZE WATER PIPING PRIOR TO USE.
6. ELECTRIC POWER SERVICE: PROVIDE WEATHERPROOF, GROUNDED ELECTRIC POWER SERVICE AND DISTRIBUTION SYSTEM OF SUFFICIENT SIZE, CAPACITY, AND POWER CHARACTERISTICS.
7. LIGHTING: PROVIDE TEMPORARY LIGHTING WITH LOCAL SWITCHING TO FULFILL SECURITY REQUIREMENTS AND PROVIDE ILLUMINATION FOR CONSTRUCTION OPERATIONS AND TRAFFIC CONDITIONS.
8. SEWERS AND DRAINAGE: IF SEWERS ARE AVAILABLE, PROVIDE TEMPORARY CONNECTIONS TO REMOVE EFFLUENT. IF SEWERS ARE NOT AVAILABLE OR CANNOT BE USED, REMOVE FROM PREMISE IN SEALED CONTAINERS

SECTION 01 6000 - PRODUCT REQUIREMENTS

1. DELIVER, STORE AND HANDLE PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, USING METHODS THAT WILL PREVENT DAMAGE, DETERIORATION AND LOSS.
 - SCHEDULE DELIVERY TO MINIMIZE LONG-TERM STORAGE AND PREVENT OVERCROWDING CONSTRUCTION SPACES. COORDINATE WITH INSTALLATION TO ENSURE MINIMUM HOLDING TIME.
 - DELIVER PRODUCTS IN MANUFACTURER'S ORIGINAL SEALED CONTAINER OR PACKAGING SYSTEM.
COMPLETE WITH LABELS AND INSTRUCTIONS FOR HANDLING, STORING, PROTECTING AND INSTALLING.
 - STORE PRODUCTS SUBJECT TO DAMAGE BY ELEMENTS ABOVE GROUND, UNDER COVER IN A WEATHERTIGHT ENCLOSURE, WITH VENTILATION ADEQUATE TO PREVENT CONDENSATION. MAINTAIN TEMPERATURE AND HUMIDITY WITHIN RANGE REQUIRED BY MANUFACTURER'S INSTRUCTIONS.
2. PROVIDE PRODUCTS COMPLETE WITH ACCESSORIES, TRIM, FINISH, SAFETY GUARDS AND OTHER DEVICES AND DETAILS NEEDED FOR A COMPLETE INSTALLATION AND FOR INTENDED USE AND EFFECT.
3. COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS, TO EXTENT THAT THEY ARE MORE STRINGENT THAN REQUIREMENTS IN CONTRACT DOCUMENTS.
4. INSPECT MATERIAL IMMEDIATELY UPON DELIVERY AND AGAIN PRIOR TO INSTALLATION. REJECT DAMAGED AND DEFECTIVE ITEMS.
5. PROVIDE ATTACHMENT AND CONNECTION DEVICES AND METHODS NECESSARY FOR SECURING EACH CONSTRUCTION ELEMENT. SECURE EACH CONSTRUCTION ELEMENT TRUE TO LINE AND LEVEL. ALLOW FOR EXPANSION AND BUILDING MOVEMENT.
6. INSTALL EACH COMPONENT DURING WEATHER CONDITIONS AND PROJECT STATUS THAT WILL ENSURE BEST RESULTS. ISOLATE EACH PART FROM INCOMPATIBLE MATERIAL AS NECESSARY TO PREVENT DETERIORATION.
7. HANDLE, INSTALL, CONNECT, CLEAN, CONDITION AND ADJUST PRODUCTS IN ACCORDANCE WITH SUCH INSTRUCTIONS AND IN CONFORMITY WITH SPECIFIED REQUIREMENTS.
8. PERFORM WORK IN ACCORD WITH MANUFACTURER'S INSTRUCTIONS. DO NOT OMIT ANY PREPARATORY STEP OR INSTALLATION PROCEDURE UNLESS SPECIFICALLY MODIFIED OR EXEMPTED BY CONTRACT DOCUMENTS.

SECTION 01 7329 - CUTTING AND PATCHING

1. DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN MANNER THAT WOULD REDUCE LOAD-CARRYING CAPACITY OR LOAD DEFLECTION RATIO.
2. DO NOT CUT AND PATCH EXPOSED SURFACES, IN MANNER THAT WOULD REDUCE THE BUILDING'S AESTHETIC QUALITIES, OR RESULT IN VISUAL EVIDENCE OF CUTTING AND PATCHING.
3. REPLACE, PATCH, AND REPAIR MATERIAL AND SURFACES CUT OR DAMAGED IN SUCH MANNER AS NOT TO VOID EXISTING WARRANTIES.
4. USE MATERIALS IDENTICAL TO EXISTING MATERIALS. IF NOT AVAILABLE OR CANNOT BE USED, USE MATERIALS THAT MATCH EXISTING ADJACENT SURFACES TO FULLEST EXTENT POSSIBLE. USE MATERIALS WHOSE PERFORMANCE WILL EQUAL OR SURPASS THOSE OF EXISTING MATERIALS.
5. PROTECT EXISTING CONSTRUCTION TO PREVENT DAMAGE. PROVIDE PROTECTION FROM ADVERSE WEATHER CONDITIONS FOR PORTIONS THAT MIGHT BE EXPOSED DURING CUTTING AND PATCHING OPERATIONS.
6. AVOID CUTTING EXISTING PIPE, CONDUIT OR DUCTWORK SERVING THE BUILDING, BUT SCHEDULED TO BE REMOVED OR RELOCATED UNTIL PROVISIONS HAVE BEEN MADE TO BYPASS THEM.
7. CUT EXISTING CONSTRUCTION USING METHODS THAT WILL NOT DAMAGE ELEMENTS RETAINED OR ADJOINING CONSTRUCTION.
8. RESTORE EXPOSED FINISHES OF PATCHED AREAS AND EXTEND FINISH INTO ADJOINING CONSTRUCTION IN MANNER THAT WILL ELIMINATE EVIDENCE OF PATCHING AND REFINISHING.
9. WHERE REMOVAL OF WALLS OR PARTITIONS EXTENDS FROM ONE FINISHED AREA INTO ANOTHER, PATCH AND REPAIR FLOOR AND WALL SURFACES IN NEW SPACE TO PROVIDE EVEN SURFACE OF UNIFORM COLOR AND APPEARANCE.
10. WHERE PATCHING OCCURS IN SMOOTH PAINTED SURFACE, EXTEND FINAL PAINT COAT OVER ENTIRE UNBROKEN SURFACE CONTAINING PATCH, AFTER PATCHED AREA HAS RECEIVED PRIMER AND SECOND COAT.
11. PATCH, REPAIR OR REHANG EXISTING CEILING AS NECESSARY TO PROVIDE AN EVEN PLANE SURFACE OF UNIFORM APPEARANCE.

SECTION 01 7419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL

1. IMPLEMENT A WASTE MANAGEMENT PLAN. PROVIDE HANDLING, CONTAINERS, STORAGE, SIGNAGE, TRANSPORTATION, AND OTHER ITEMS AS REQUIRED TO IMPLEMENT WASTE MANAGEMENT PLAN DURING THE ENTIRE DURATION OF THE CONTRACT.
2. SITE ACCESS AND TEMPORARY CONTROLS: CONDUCT WASTE MANAGEMENT OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, WALKWAYS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
 - DESIGNATE AND LABEL SPECIFIC AREAS ON PROJECT SITE NECESSARY FOR SEPARATING MATERIALS THAT ARE TO BE SALVAGED, RECYCLED, REUSED, DONATED, AND SOLD.
3. PREPARATION OF WASTE: PREPARE AND MAINTAIN RECYCLABLE WASTE MATERIALS ACCORDING TO RECYCLING OR REUSE FACILITY REQUIREMENTS. MAINTAIN MATERIALS FREE OF DIRT, ADHESIVES, SOLVENTS, PETROLEUM CONTAMINATION, AND OTHER SUBSTANCES DELETERIOUS TO THE RECYCLING PROCESS.
4. EXCEPT FOR ITEMS OR MATERIALS TO BE SALVAGED, RECYCLED, OR OTHERWISE REUSED, REMOVE WASTE MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN A LANDFILL OR INCINERATOR ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
 - EXCEPT AS OTHERWISE SPECIFIED, DO NOT ALLOW WASTE MATERIALS THAT ARE TO BE DISPOSED OF ACCUMULATE ON-SITE.
 - REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
5. BURNING: DO NOT BURN WASTE MATERIALS.
6. DISPOSAL: TRANSPORT WASTE MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM.

SECTION 01 7700 - CLOSEOUT PROCEDURES

1. ON RECEIPT OF A REQUEST FOR SUBSTANTIAL COMPLETION INSPECTION, ARCHITECT WILL PROCEED OR ADVISE CONTRACTOR OF UNFILLED REQUIREMENTS. ARCHITECT WILL PREPARE CERTIFICATE OF SUBSTANTIAL COMPLETION FOLLOWING INSPECTION, OR ADVISE CONTRACTOR OF CONSTRUCTION THAT MUST BE COMPLETED OR CORRECTED BEFORE CERTIFICATE WILL BE ISSUED.
2. MAINTAIN A CLEAN, UNDAMAGED SET OF REPRODUCIBLE PRINTS OF CONTRACT DRAWINGS. MARK-UP THESE DRAWINGS TO SHOW ACTUAL INSTALLATION. MARK DRAWING SHOWING CONDITIONS ACCURATELY. GIVE PARTICULAR ATTENTION TO CONCEALED ELEMENTS THAT WOULD BE DIFFICULT TO MEASURE AND RECORD AT A LATER DATE.
3. MAINTAIN ONE COPY OF PROJECT MANUAL, INCLUDING ADDENDA. MARK TO SHOW VARIATIONS IN ACTUAL WORK PERFORMED IN COMPARISON WITH SPECIFICATIONS AND MODIFICATIONS. GIVE PARTICULAR ATTENTION TO SUBSTITUTIONS, SELECTION OF OPTIONS AND SIMILAR INFORMATION ON ELEMENTS THAT ARE CONCEALED OR CANNOT BE READILY DISCERNED LATER BY DIRECT OBSERVATION.
4. MAINTENANCE MANUALS: ORGANIZE MAINTENANCE DATA INTO SETS OF MANAGEABLE SIZE. BIND IN INDIVIDUAL HEAVY-DUTY 2-INCH, 3-RING VINYL-COVERED BINDERS, WITH POCKET FOLDERS FOR FOLDED SHEET INFORMATION. MARK IDENTIFICATION ON FRONT AND SPINE OF EACH BINDER.
5. OPERATING AND MAINTENANCE INSTRUCTIONS: ARRANGE FOR INSTALLER OF EQUIPMENT THAT REQUIRES REGULAR MAINTENANCE TO MEET WITH OWNER'S PERSONNEL TO PROVIDE INSTRUCTION IN PROPER OPERATION AND MAINTENANCE.
6. ELECTRONIC FILE OF PROJECT RECORD DOCUMENTS: PROVIDE ARCHITECT WITH AN INDEPENDENT ELECTRONIC ARCHIVE OF ACCEPTED PROJECT RECORD DOCUMENTS USING ELECTRONIC PROJECT MANAGEMENT SOFTWARE AS DEFINED IN SECTION 01-3100 "PROJECT MANAGEMENT AND COORDINATION," IN ADDITION TO PRINTED DOCUMENTS DESCRIBED ELSEWHERE IN THIS SECTION.
7. FINAL CLEANING: EMPLOY EXPERIENCED WORKERS FOR FINAL CLEANING. CLEAN EACH SURFACE TO CONDITION EXPECTED IN A COMMERCIAL BUILDING CLEANING AND MAINTENANCE PROGRAM. REMOVE TEMPORARY PROTECTION AND FACILITIES.
8. COMPLY WITH REGULATIONS OF AUTHORITIES HAVING JURISDICTION AND SAFETY STANDARDS FOR CLEANING.
REMOVE WASTE MATERIALS FROM SITE AND DISPOSE OF IN A LAWFUL MANNER.

SECTION 01 7836 - WARRANTIES

1. WARRANTIES: MANUFACTURER'S DISCLAIMERS AND LIMITATIONS ON PRODUCT WARRANTIES DO NOT RELIEVE THE CONTRACTOR OF THE WARRANTY ON THE WORK THAT INCORPORATES THE PRODUCTS, NOR DOES IT RELIEVE SUPPLIERS, MANUFACTURERS, AND SUBCONTRACTORS REQUIRED TO COUNTERSIGN SPECIAL WARRANTIES WITH THE CONTRACTOR.
2. WHEN CORRECTING WARRANTED WORK THAT HAS FAILED, REMOVE AND REPLACE OTHER WORK THAT HAS BEEN DAMAGED AS A RESULT OF SUCH FAILURE OR THAT MUST BE REMOVED AND REPLACED TO PROVIDE ACCESS FOR CORRECTION OF WARRANTED WORK.
3. WHEN WORK COVERED BY A WARRANTY HAS FAILED AND BEEN CORRECTED, REINSTATE THE WARRANTY BY WRITTEN ENDORSEMENT. THE REINSTATED WARRANTY SHALL BE EQUAL TO THE ORIGINAL WARRANTY WITH AN EQUITABLE ADJUSTMENT FOR DEPRECIATION.
4. ON DETERMINATION THAT WORK COVERED BY A WARRANTY HAS FAILED, REPLACE OR REBUILD THE WORK TO AN ACCEPTABLE CONDITION COMPLYING WITH REQUIREMENTS OF CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACING OR REBUILDING DEFECTIVE WORK REGARDLESS OF WHETHER THE OWNER HAS BENEFITED FROM USE OF THE WORK THROUGH PART OF ITS USEFUL SERVICE LIFE.

5. WRITTEN WARRANTIES MADE TO THE OWNER ARE IN ADDITION TO IMPLIED WARRANTIES, AND SHALL NOT LIMIT DUTIES, OBLIGATIONS, RIGHTS AND REMEDIES OTHERWISE AVAILABLE UNDER THE LAW, NOR SHALL WARRANTY PERIODS BE INTERPRETED AS LIMITATIONS ON TIME IN WHICH THE OWNER CAN ENFORCE SUCH OTHER DUTIES, OBLIGATIONS, RIGHTS, OR REMEDIES.
6. SUBMIT WRITTEN WARRANTIES PRIOR TO THE DATE CERTIFIED FOR SUBSTANTIAL COMPLETION. IF THE CERTIFICATE OF SUBSTANTIAL COMPLETION DESIGNATES A COMMENCEMENT DATE FOR WARRANTIES OTHER THAN THE DATE OF SUBSTANTIAL COMPLETION, SUBMIT WRITTEN WARRANTIES ON REQUEST.
7. WHEN A SPECIAL WARRANTY IS TO BE EXECUTED BY THE CONTRACTOR, OR THE CONTRACTOR AND A SUBCONTRACTOR, SUPPLIER OR MANUFACTURER, PREPARE A WRITTEN DOCUMENT THAT CONTAINS APPROPRIATE TERMS AND IDENTIFICATION, READY FOR EXECUTION BY THE REQUIRED PARTIES. SUBMIT A DRAFT TO THE OWNER FOR APPROVAL PRIOR TO FINAL EXECUTION.

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1. WARRANTIES: MANUFACTURER'S DISCLAIMERS AND LIMITATIONS ON PRODUCT WARRANTIES DO NOT RELIEVE THE CONTRACTOR OF THE WARRANTY ON THE WORK THAT INCORPORATES THE PRODUCTS, NOR DOES IT RELIEVE SUPPLIERS, MANUFACTURERS, AND SUBCONTRACTORS REQUIRED TO COUNTERSIGN SPECIAL WARRANTIES WITH THE CONTRACTOR.
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6. SUBMIT WRITTEN WARRANTIES PRIOR TO THE DATE CERTIFIED FOR SUBSTANTIAL COMPLETION. IF THE CERTIFICATE OF SUBSTANTIAL COMPLETION DESIGNATES A COMMENCEMENT DATE FOR WARRANTIES OTHER THAN THE DATE OF SUBSTANTIAL COMPLETION, SUBMIT WRITTEN WARRANTIES ON REQUEST.
7. WHEN A SPECIAL WARRANTY IS TO BE EXECUTED BY THE CONTRACTOR, OR THE CONTRACTOR AND A SUBCONTRACTOR, SUPPLIER OR MANUFACTURER, PREPARE A WRITTEN DOCUMENT THAT CONTAINS APPROPRIATE TERMS AND IDENTIFICATION, READY FOR EXECUTION BY THE REQUIRED PARTIES. SUBMIT A DRAFT TO THE OWNER FOR APPROVAL PRIOR TO FINAL EXECUTION.

SECTION 02 4119 - SELECTIVE DEMOLITION

1. EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN THE OWNER'S PROPERTY, DEMOLISHED MATERIALS SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE WITH FURTHER DISPOSITION AT THE CONTRACTOR'S OPTION.
2. SUBMIT SCHEDULE INDICATING PROPOSED SEQUENCE OF OPERATIONS FOR REVIEW PRIOR TO START OF WORK. INCLUDE COORDINATION FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES AS REQUIRED, TOGETHER WITH DETAILS FOR DUST AND NOISE CONTROL.
3. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
4. OWNER WILL OCCUPY PORTIONS OF THE BUILDING IMMEDIATELY ADJACENT TO DEMOLITION AREA. CONDUCT DEMOLITION SO THAT OWNER'S OPERATIONS WILL NOT BE DISRUPTED. PROVIDE 'NOT LESS THAN 72 HOURS' NOTICE TO OWNER OF ACTIVITIES THAT WILL AFFECT OWNER'S OPERATIONS.
5. SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING DEMOLITION.
6. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
7. LOCATE, IDENTIFY, SHUT OFF, DISCONNECT, AND SEAL OR CAP OFF UTILITY SERVICES INDICATED TO BE DEMOLISHED.
8. WHERE UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE TO OTHER PARTS OF THE BUILDING BEFORE PROCEEDING WITH DEMOLITION.
9. MAINTAIN FIRE PROTECTION SERVICES DURING DEMOLITION OPERATIONS.

10. PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION WORK.
11. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH OTHER ADJACENT OCCUPIED AND USED FACILITIES.
12. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT FINISHES, FACILITIES, AND SURFACES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.

13. PROVIDE TEMPORARY WEATHER PROTECTION, ON EXTERIOR SURFACES DURING INTERVAL BETWEEN REMOVAL OF EXISTING CONSTRUCTION, AND NEW CONSTRUCTION TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO BUILDING OR INTERIOR AREAS.
14. PROTECT WALLS, CEILINGS, FLOORS, AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN AND ARE EXPOSED DURING DEMOLITION OPERATIONS.
15. ERECT AND MAINTAIN DUSTPROOF PARTITIONS AND TEMPORARY ENCLOSURES TO LIMIT DUST AND DIRT MIGRATION, AND TO SEPARATE AREAS FROM FUMES AND NOISE.
16. CLEAN ADJACENT FINISHES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION.
17. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM.

SECTION 03 0150 - CONCRETE PATCHING

1. SUBMITTALS: PRODUCT DATA TO EVIDENCE COMPLIANCE WITH THESE SPECIFICATIONS.
2. QUALITY ASSURANCE: OBSERVE MANUFACTURER'S RECOMMENDATIONS FOR TEMPERATURE AND ENVIRONMENTAL REQUIREMENTS.
3. PATCHING AND RESURFACING COMPOUND: ARDEX INC. - "K-15."
4. PRIMER: AS RECOMMENDED BY PATCHING COMPOUND MANUFACTURER.
5. AGGREGATE: ASTM C 33, 3/8 INCH; QUALITY, GRADATION AND COLOR MEETING MANUFACTURERS PRINTED REQUIREMENTS.
6. WATER: CLEAN, FRESH AND FREE FROM OIL AND VEGETABLE MATTER, ALKALIES OR OTHER IMPURITIES.
7. REMOVE LOOSE OR UNSOUND CONCRETE TO SOUND SUBSURFACE.
8. REMOVE DELETERIOUS MATERIALS WHICH MIGHT PREVENT BONDING BETWEEN SUBSTRATE AND CONCRETE.
9. ADD AGGREGATE TO MIXTURE IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS WHEN PATCHING AREAS OVER ONE-INCH DEEP.
10. PREPARE SURFACES IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED RECOMMENDATIONS.
11. INSTALL IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED REQUIREMENTS.
12. PRIME SURFACES AS RECOMMENDED BY THE MANUFACTURER.
13. APPLY SKIM COAT OVER ENTIRE HORIZONTAL AND VERTICAL CONCRETE SURFACES.
14. CURE IN ACCORDANCE WITH MANUFACTURER'S LATEST PUBLISHED REQUIREMENTS.

SECTION 05 5000 - METAL FABRICATIONS

1. SUBMITTALS: SHOP DRAWINGS FOR FABRICATION AND ERECTION INCLUDING ANCHORAGE DEVICES BUILT INTO OTHER WORK.
2. FERROUS METALS:
 - STEEL PLATES, SHAPES AND BARS: ASTM A 36.
 - STEEL TUBING: ASTM A 500, COLD-FORMED.
3. WELDING RODS AND BARE ELECTRODES: ACCORDING TO AWS FOR METAL TO BE WELDED.
4. FASTENERS:
 - BOLTS AND NUTS: REGULAR HEXAGON-HEAD BOLTS, ASTM A 307 GRADE A, WITHNUTS, ASTM A 563, AND FLAT WASHERS.
 - EXPANSION ANCHORS: CARBON STEEL, ZINC-PLATED, ASTM B 633 CLASS Fe/Zn 5, CAPABLE OF SUPPORTING LOAD 6 TIMES LOAD IMPOSED WITHOUT FAILURE.
5. FABRICATION: FORM TO SHAPES INDICATED OR AS REQUIRED FOR APPLICATION, TRUE TO LINE, LEVEL AND ACCURATE, PUNCHED HOLES, FREE OF BURRS AND ROUGH EDGES.
6. STEEL AND IRON FINISHES:
 - HOT-DIP GALVANIZE STEEL FABRICATIONS AT EXTERIOR LOCATIONS.
 - PREPARE UNCOATED FERROUS METAL SURFACES TO COMPLY WITH SSPC-SP3, "POWER TOOL CLEANING," AND PAINT WITH A RUST-INHIBITIVE PRIMER COMPLYING WITH PERFORMANCE REQUIREMENTS OF FS-TT-P-664.

SECTION 06 1053 - MISCELLANEOUS ROUGH CARPENTRY

1. LUMBER, GENERAL: COMPLY WITH PS 20 AND WITH APPLICABLE GRADING RULES; FACTORY-MARK WITH GRADE, SPECIES, MOISTURE CONTENT AT TIME OF SURFACING, AND MILL; DRESSED LUMBER, 54S, UNLESS OTHERWISE INDICATED.
2. CONCEALED DIMENSION LUMBER:
 - SPECIES: ANY WOOD SPECIES LISTED BY PS 20.
 - MOISTURE CONTENT: S-DRY, KD 19 OR MC 19 (19 PERCENT MAXIMUM MOISTURE CONTENT).
 - GRADE: NO. 2 OR STANDARD GRADE.
3. CONCEALED BOARDS:
 - SPECIES: ANY WOOD SPECIES LISTED BY PS 20.
 - MOISTURE CONTENT: S-DRY, KD 19 OR MC 19 (19 PERCENT MAXIMUM MOISTURE CONTENT).
 - GRADE: NO. 2, 2 COMMON, OR CONSTRUCTION BOARDS.
4. MISCELLANEOUS CONCEALED PLYWOOD: PS 1, C-C PLUGGED EXTERIOR, THICKNESS AS INDICATED BUT NOT LESS THAN 1/2 INCH NOMINAL.
5. ELECTRICAL/TELEPHONE BACKING PANELS: C-D PLUGGED, (VENEER PLYWOOD) EXPOSURE 1, FIRE-RETARDANT TREATED, THICKNESS AS INDICATED BUT NOT LESS THAN 15/32 INCH.
6. FASTENERS: WHERE MISCELLANEOUS CARPENTRY IS EXPOSED TO WEATHER, IN GROUND CONTACT, OR IN AREA OF HIGH RELATIVE HUMIDITY, PROVIDE FASTENERS WITH A HOT-DIP ZINC COATING PER ASTM A 153.

7. PRESERVATIVE TREATMENT: OBTAIN PRESERVATIVE-TREATED LUMBER COMPLYING WITH AWPA STANDARD C2.
MARK EACH TREATED ITEM WITH THE QUALITY MARK REQUIREMENTS OF AN INSPECTION AGENCY APPROVED BY ALSCS BOARD OF REVIEW. COAT SURFACES CUT AFTER TREATMENT TO COMPLY WITH AWPA M4.
8. FIRE-RETARDANT TREATMENT: COMPLY WITH AWPA C20 FOR LUMBER, AWPA C27 FOR PLYWOOD; INTERIOR TYPE A FOR PROTECTED ITEMS, EXTERIOR TYPE FOR ITEMS EXPOSED TO WEATHER. TREAT WOOD ITEMS CONCEALED WITHIN BUILDING INCLUDING IN EXTERIOR WALLS.
9. CUT AND FIT MISCELLANEOUS CARPENTRY ACCURATELY AND SECURELY FASTEN. INSTALL MEMBERS PLUMB AND TRUE TO LINE AND LEVEL.
10. INSTALL WOOD GROUNDS, NAILERS, BLOCKING, AND SLEEPERS WHERE SHOWN AND WHERE REQUIRED FOR SCREEDING OR ATTACHMENT OF OTHER WORK.

SECTION 06 4000 - ARCHITECTURAL WOODWORK

1. QUALITY STANDARD: COMPLY WITH "ARCHITECTURAL WOODWORK QUALITY STANDARDS" OF THE ARCHITECTURAL WOODWORK INSTITUTE.
2. SUBMITTALS: SHOP DRAWINGS; FINISHES SAMPLES.
3. WOODWORK FOR TRANSPARENT FINISH: GRADE AND SPECIES AS FOLLOWS:
 - GRADE: PREMIUM.
 - WOOD SPECIES: MATCH EXISTING.
4. FABRICATION, GENERAL: COMPLETE FABRICATION, INCLUDING ASSEMBLY AND FINISHING, BEFORE SHIPMENT TO PROJECT SITE TO MAXIMUM EXTENT POSSIBLE. WHERE NECESSARY FOR FITTING AT SITE, PROVIDE AMPLE ALLOWANCE FOR SCRIBING, TRIMMING, AND FITTING.
 - BACKOUT OR GROOVE BACKS OF FLAT TRIM MEMBERS, KEF BACKS OF OTHER WIDE, FLAT MEMBERS, EXCEPT FOR MEMBERS WITH ENDS EXPOSED IN FINISHED WORK.
 - ASSEMBLE CASINGS IN PLANT EXCEPT WHERE LIMITATIONS OF ACCESS TO PLACE OF INSTALLATION REQUIRE FIELD ASSEMBLY.
5. FINISHES:
 - PREPARE WOODWORK FOR FINISHING BY HAND SANDING AFTER MACHINE SANDING OF ACCESSIBLE SURFACES.
 - EXERCISE CARE IN MACHINE SANDING SO AS NOT TO DAMAGE ANY SHAPED TRIM OR MOULDINGS.
 - FOR TRANSPARENT FINISH: AWI SECTION 1500, SYSTEM TR-4; PREMIUM GRADE, STAIN AND SHEEN TO MATCH EXISTING.
6. INSTALLATION: AWI SECTION 1700.
 - INSTALL WOODWORK PLUMB, LEVEL, TRUE, AND STRAIGHT WITH NO DISTORTIONS. SHIM AS REQUIRED WITH CONCEALED SHIMS. INSTALL TO A TOLERANCE OF 1/8 INCH IN 96 INCHES (3 MM IN 2400 MM).
 - SCRIBE AND CUT WOODWORK TO FIT ADJOINING WORK AND REFINISH CUT SURFACES OR REPAIR DAMAGED FINISH AT CUTS.
7. STANDING AND RUNNING TRIM: INSTALL WITH MINIMUM NUMBER OF JOINTS, USING FULL-LENGTH PIECES TO THE GREATEST EXTENT POSSIBLE. STAGGER JOINTS IN ADJACENT AND RELATED MEMBERS. FILL GAPS, IF ANY, BETWEEN TOP OF BASE AND WALL WITH PLASTIC WOOD FILLER AND SAND SMOOTH.

SECTION 06 4100 - CUSTOM CABINETS

1. QUALITY STANDARD: COMPLY WITH APPLICABLE REQUIREMENTS OF AWI "QUALITY STANDARDS." SECTION 400, PREMIUM GRADE.
2. SUBMITTALS: CABINET SHOP DRAWINGS; FINISHES SAMPLES; HARDWARE LITERATURE.
3. PANEL PRODUCTS:
 - HARDBOARD: AHA A135.4, TEMPERED, SMOOTH TWO SIDES (VERTICAL DIVIDERS ONLY).
 - MEDIUM-DENSITY FIBERBOARD: ANSI A208.2, GRADE MD, MADE WITH BINDER CONTAINING NO ADDED URUE FORMALDEHYDE.
 - PARTICLEBOARD: ANSI A 208.1, GRADE M-2, EXTERIOR GLUE.
 - SOFTWOOD PLYWOOD: PS 1, MEDIUM DENSITY OVERLAY.
4. HIGH-PRESSURE DECORATIVE LAMINATE: NEMA LD3.
 - DOORS AND VERTICAL SURFACES: GENERAL PURPOSE VGS, 0.028 INCH THICK.
 - CABINET SHELVES AND HORIZONTAL SURFACES: GENERAL PURPOSE HGL, 0.039 INCH THICK.
 - COUNTERTOPS: GENERAL PURPOSE HGS, 0.048 INCH THICK.
 - CABINET LINER: CABINET LINER CLS, 0.020 INCH THICK.
 - BACKING SHEET: BKL, 0.020 INCH THICK.
 - COLORS: AS SELECTED FROM MANUFACTURERS STANDARD COLORS.
5. SOLID SURFACING MATERIAL: REFER TO DIVISION 12 SECTION "SIMULATED STONE COUNTERTOPS."

6. CABINET HARDWARE: SHELF SUPPORTS, DRAWER SLIDES, DOOR AND DRAWER LOCKS, CONCEALED DOOR HINGES, DOOR AND DRAWER WIRE PULLS, CABLE COVER GROMMETS.
7. PLASTIC LAMINATE FACED CABINETS:
 - EXPOSED SURFACES: FACE SHEET.
 - SEMI-EXPOSED SURFACES: CABINET LINER.
 - CONCEALED SURFACES: BACKING SHEET.
 - EDGES: 3MM PVC.
 - INTERIOR DRAWER BOX: CLEAR POLYURETHANE WOOD SEALER.

8. CABINET COMPONENTS:
 - BODY MEMBERS: 3/4 INCH THICK VENEER CORE PLYWOOD OR PARTICLEBOARD.
 - RAILS: 3/4 INCH THICK LUMBER OR VENEER CORE PLYWOOD.
 - SHELVES: 3/4 INCH THICK VENEER CORE PLYWOOD FOR SPANS UP TO 32 INCHES; 1 INCH FOR SPANS UP TO 42 INCHES.
 - DRAWER SIDES, BACKS AND SEMI-EXPOSED FRONTS (SUB-FRONTS): 1/2 INCH THICK HARDWOOD LUMBER OR 7-PLY HARDWOOD VENEER CORE PLYWOOD WITH NO VOIDS. CONTINUE TO NEXT PAGE...

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revisions

No.	Description	Date

sheet title:

SPECIFICATIONS

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A0-03

NOT ISSUED FOR CONSTRUCTION
 ISSUED FOR CONSTRUCTION

- DRAWER BOTTOMS: 1/4 INCH THICK HARDWOOD FACED PLYWOOD (VENEER CORE).
 - DRAWER FRONTS: 3/4 INCH THICK PARTICLE BOARD.
 - DOORS: HINGED FLUSH TYPE, 3/4 INCH THICK PARTICLEBOARD.
9. COUNTERTOPS:
- TOPS AND BACK SPLASHES: EXTERIOR GRADE VENEER CORE PLYWOOD
 - MINIMUM THICKNESS: 3/4 INCH TOPS AND 1/2 INCH BACK SPLASHES.
 - FINISHES: FACE SHEET ON EXPOSED SURFACES. BACKING SHEET ON CONCEALED SURFACES.
 - FINISHES: WHERE INDICATED, PROVIDE SOLID SURFACING COUNTERTOPS PER REQUIREMENTS OF DIVISION 12 SECTION "SIMULATED STONE COUNTERTOPS."
10. INSTALLATION: AWI SECTION 1700

SECTION 07 8116 - CEMENTITIOUS FIREPROOFING

1. PROVIDE CEMENTITIOUS FIREPROOFING (SPRAYED FIRE-RESISTIVE MATERIALS) AND ASSEMBLIES IDENTICAL TO THOSE TESTED FOR THE FOLLOWING FIRE-TEST-RESPONSE CHARACTERISTICS PER TEST METHOD INDICATED BELOW BY UL OR ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
 - FIRE-RESISTANCE RATINGS: AS INDICATED BY REFERENCE TO FIRE-RESISTIVE DESIGNS LISTED IN UL'S "FIRE RESISTANCE DIRECTORY," OR IN THE COMPARABLE PUBLICATION OF ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION, TESTED PER ASTM E 119.
 - SURFACE-BURNING CHARACTERISTICS: AS INDICATED FOR EACH SPRAYED FIRE-RESISTIVE PRODUCT REQUIRED, TESTED PER ASTM E 84.
2. PROVIDE PRODUCTS CONTAINING NO DETECTABLE ASBESTOS AS DETERMINED ACCORDING TO THE METHOD SPECIFIED IN 40 CFR, PART 763, SUBPART E, APPENDIX E, SECTION 1, "POLARIZED LIGHT MICROSCOPY."
3. CEMENTITIOUS FIREPROOFING: "LOW DENSITY, 15 LB/CU. FT., W.R. GRACE CO. AMONOKOTE MK-6."
4. AUXILIARY FIRE-RESISTIVE MATERIALS: PROVIDE MATERIALS COMPATIBLE WITH SPRAYED FIRE-RESISTIVE MATERIALS AND SUBSTRATES AND ARE APPROVED BY UL OR ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION FOR USE IN FIRE-RESISTIVE DESIGNS INDICATED.
5. CONDUCT TESTS ACCORDING TO FIRE-RESISTIVE MATERIAL MANUFACTURER'S WRITTEN RECOMMENDATIONS TO VERIFY THAT SUBSTRATES ARE FREE OF OIL, ROLLING COMPOUNDS, AND OTHER SUBSTANCES CAPABLE OF INTERFERING WITH BOND.
6. CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR BOND OF FIRE-RESISTIVE MATERIAL, INCLUDING OIL, GREASE, ROLLING COMPOUNDS, INCOMPATIBLE PRIMERS, AND LOOSE MILL SCALE.
7. COMPLY WITH FIRE-RESISTIVE MATERIAL MANUFACTURER'S WRITTEN INSTRUCTIONS FOR PRIMING SUBSTRATES, MIXING MATERIALS, APPLICATION PROCEDURES, AND TYPES OF EQUIPMENT USED TO CONVEY AND SPRAY ON FIRE-RESISTIVE MATERIAL, AS APPLICABLE TO PARTICULAR CONDITIONS OF INSTALLATION AND AS REQUIRED TO ACHIEVE FIRE-RESISTANCE RATINGS INDICATED.
8. APPLY SPRAYED FIRE-RESISTIVE MATERIAL IN THICKNESSES AND DENSITIES INDICATED, BUT NOT LESS THAN THAT REQUIRED TO ACHIEVE FIRE-RESISTANCE RATINGS DESIGNATED FOR EACH CONDITION.
9. REMOVE MATERIAL OVER-SPRAY AND FALL-OUT FROM SURFACES OF OTHER CONSTRUCTION AND CLEAN EXPOSED SURFACES TO REMOVE SOILING.
10. CURE EXPOSED CEMENTITIOUS FIRE RESISTIVE MATERIALS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS TO PREVENT PREMATURE DRYING.

SECTION 07 8400 - FIRESTOPPING

1. PROVIDE FIRESTOP SYSTEMS WITH F RATINGS NOT LESS THAN THE FIRE-RESISTANCE RATING OF THE CONSTRUCTIONS PENETRATED.
2. PROVIDE FIRESTOP SYSTEMS WITH T AND F RATINGS, AS DETERMINED PER ASTM E 814.
3. PROVIDE JOINT SEALANTS WITH FIRE-RESISTANCE RATINGS AS DETERMINED PER ASTM E 119.
4. PROVIDE PRODUCTS WITH FLAME-SPREAD VALUES OF LESS THAN 25 AND SMOKE-DEVELOPED VALUES OF LESS THAN 450, AS DETERMINED PER ASTM E 84.
5. SUBMITTALS: PRODUCT DATA FOR EACH PRODUCT PROPOSED.
6. FIRESTOPPING TESTS: PERFORMED BY QUALIFIED TESTING AND INSPECTING AGENCY, ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
7. THROUGH-PENETRATION FIRESTOP SYSTEMS: CLASSIFIED IN WARNOCK HERSEY OR UNDERWRITERS LABORATORIES (UL) FIRE RESISTANCE DIRECTORY, "SECTION XHEZ - THROUGH PENETRATION FIRESTOP SYSTEMS," AND/OR "SECTION XHHW - FILL VOID OR CAVITY MATERIALS" FOR SPECIFIC PROJECT CONDITIONS:
 - SURFACE BURNING CHARACTERISTICS (PER ASTM E84): 25 OR LESS, TESTED IN ACCORDANCE WITH UL 1479 OR ASTM E 814.
 - FREE OF ASBESTOS AND IN COMPLIANCE WITH LOCAL VOC REGULATIONS.
 - PAINTABLE MATERIALS IN THOSE AREAS WHICH ARE EXPOSED TO VIEW AND SCHEDULED TO RECEIVE PAINT FINISHES.
8. FIRE-RESISTIVE ELASTOMERIC JOINT SEALANTS: CHEMICALLY CURING, ELASTOMERIC SEALANTS COMPLYING WITH ASTM C 920.
 - SEALANT COLORS: AS SELECTED FROM MANUFACTURER'S FULL RANGE OF STANDARD COLORS.
 - SINGLE-COMPONENT, NEUTRAL-CURING SILICONE SEALANT: TYPE 5; GRADE NS; CLASS 25; WITH ADDITIONAL CAPABILITY, WHEN TESTED PER ASTM C 719, TO WITHSTAND 50 PERCENT MOVEMENT IN BOTH EXTENSION AND COMPRESSION.
9. INSTALLATION: COMPLY WITH FIRESTOP MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DRAWINGS PERTAINING TO PRODUCTS AND APPLICATIONS INDICATED.

SECTION 07 9200 - JOINT SEALANTS

1. SILICONE MILDEW RESISTANT SEALANT: (WET AREAS)
 - ASTM C 920, TYPE S, GRADE NS, CLASS 25.
 - ONE-PART SILICONE RUBBER SEALANT FORMULATED FOR NON-POROUS APPLICATIONS.
 - ACCEPTABLE MANUFACTURER AND PRODUCT: DOW CORNING; 786
 - COLOR: AS SELECTED FROM MANUFACTURER'S STANDARD COLORS.
 2. ACRYLIC-LATEX CALKING: (INTERIOR JOINTS)
 - ASTM C 834.
 - ONE-PART, NON-SAG, GENERAL PURPOSE, PAINTABLE, SILICONIZED ACRYLIC LATEX CALK. JOINT MOVEMENT CAPABILITY OF +7.5 PERCENT, -7.5 PERCENT.
 - ACCEPTABLE MANUFACTURERS AND PRODUCT: TREMCO - "TREMCO ACRYLIC LATEX."
 3. URETHANE CONSTRUCTION SEALANT:
 - ASTM C 920, TYPE M, GRADE NS, CLASS 25.
 - TWO-PART, NON-SAG, POLYURETHANE RUBBER SEALANT.
- JOINT MOVEMENT CAPABILITY OF +50 PERCENT, -50 PERCENT.
- ACCEPTABLE MANUFACTURERS AND PRODUCT: TREMCO - "DYMERIC 511."
 - COLOR: AS SELECTED FROM MANUFACTURER'S STANDARD COLORS.
4. PRIMER: AS RECOMMENDED BY SEALANT MANUFACTURER, HAVING BEEN TESTED FOR STAINING, COMPATIBILITY, PROPER FUNCTION AND ADHESION ON SAMPLES OF ACTUAL SURFACES TO BE SEALED.
 5. CLEANING AGENTS: CLEANING AGENTS RECOMMENDED BY SEALANT MANUFACTURER, WHICH WILL NOT DAMAGE OR STAIN BUILDING MATERIALS.
 6. BACKER ROD: PREFORMED OPEN-CELL POLYURETHANE FOAM OR CLOSED CELL, POLYETHYLENE FOAM, COMPATIBLE WITH SEALANT AND PRIMER, AS RECOMMENDED BY SEALANT MANUFACTURER.
 7. BOND BREAKER: PRESSURE SENSITIVE ADHESIVE POLYETHYLENE TAPE OR OTHER TYPE RECOMMENDED BY SEALANT MANUFACTURER.
 8. EXAMINE SUBSTRATES SURFACES AND DO NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
 9. COMPLY WITH MANUFACTURER'S LATEST PUBLISHED REQUIREMENTS, RECOMMENDATIONS AND SPECIFICATIONS FOR CLEANING, SURFACE PREPARATION AND PRIMING.
 10. PRIME JOINT SUBSTRATES WHERE RECOMMENDED BY JOINT SEALANT MANUFACTURER CONFINER PRIMERS TO AREAS OF JOINT SEALANT BOND.
 11. INSTALL BACK-UP AND SEALANTS IN ACCORDANCE ASTM C 1193 AND MANUFACTURER'S WRITTEN INSTRUCTIONS.
 12. INSTALL SEALANTS BY PROVEN TECHNIQUES THAT RESULT IN SEALANTS DIRECTLY CONTACTING AND FULLY WETTING JOINT SUBSTRATES, COMPLETELY FILLING RECESSES PROVIDED FOR EACH JOINT CONFIGURATION, AND PROVIDING UNIFORM, CROSS-SECTIONAL SHAPES AND DEPTHS RELATIVE TO JOINT WIDTHS THAT ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY.
 13. TOOL SEALANTS TO FORM SMOOTH, UNIFORM BEADS OF CONCAVE CONFIGURATION. REMOVE EXCESS SEALANTS FROM SURFACES ADJACENT TO JOINT. USE TOOLING AGENTS THAT ARE APPROVED BY SEALANT MANUFACTURER.

SECTION 08 1114 - INTERIOR HOLLOW METAL FRAMES

1. SUBMIT SHOP DRAWINGS SHOWING DETAILS OF EACH FRAME, DETAILS OF CONSTRUCTION, LOCATION, AND INSTALLATION REQUIREMENTS OF FINISH HARDWARE AND REINFORCEMENTS.
2. FIRE-RATED ASSEMBLIES: PROVIDE UNITS THAT COMPLY WITH NFPA 80, ASTM E 152, AND ARE LABELED AND LISTED BY UL, WARNOCK HERSEY, OR OTHER TESTING AND INSPECTING ORGANIZATION ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
3. CONFORM TO REQUIREMENTS OF HMMMA 861 AND AS SUPPLEMENTED IN THIS SECTION.
4. STEEL SHEET: STRETCHER LEVEL, COMMERCIAL QUALITY, CARBON STEEL.
 - COLD-ROLLED: ASTM A 1008.
5. SHOP-APPLIED PAINT: RUST-INHIBITIVE PRIMER, EITHER AIR-DRIED OR BAKED-ON, SUITABLE AS BASE FOR FINISH PAINT SPECIFIED.
6. FRAMES:
 - 48 INCHES WIDE OR LESS: 16 GAGE.
 - MORE THAN 48 INCHES WIDE: 14 GAGE.
7. FINISH HARDWARE REINFORCEMENT:
 - HINGES: 7 GAGE.
 - CLOSERS: 12 GAGE.
8. ACCESSORIES:
 - JAMB ANCHORS: 18-GAGE GALVANIZED STEEL. WELDED TO BACK OF FRAMES. 4 ANCHORS UP TO 7'-6" JAMB HEIGHT; 5 ANCHORS UP TO 8'-0" JAMB HEIGHT.
 - FLOOR ANCHORS: 14-GAGE GALVANIZED STEEL SHEET.
 - SPREADER BARS: REMOVABLE SPREADER BAR ACROSS BOTTOM OF FRAMES, TACK WELDED TO JAMBS AND MULLIONS.
 - RUBBER DOOR SILENCERS: 3 SILENCERS ON SINGLE-DOOR FRAMES 4 SILENCERS ON DOUBLE-DOOR FRAMES.
9. COMPLY WITH ANSI A115 SERIES FOR FRAME PREPARATION FOR HARDWARE. LOCATE IN ACCORDANCE WITH "RECOMMENDED LOCATIONS FOR BUILDER'S HARDWARE FOR CUSTOM STEEL DOORS AND FRAMES," PUBLISHED BY DOOR AND HARDWARE INSTITUTE.
10. INSTALLATION: INSTALL FRAMES IN ACCORDANCE WITH NAAMM STANDARD HMMMA 840 AND 861, SHOP DRAWINGS, AND MANUFACTURER'S INSTRUCTIONS.

SECTION 08 1216 - INTERIOR ALUMINUM FRAMES

1. PRODUCT DATA: INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS. PROFILES, AND FINISHES FOR EACH TYPE OF INTERIOR ALUMINUM FRAME INDICATED.
 2. SHOP DRAWINGS: FOR INTERIOR ALUMINUM FRAMES. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK.
 3. SAMPLES FOR VERIFICATION: 12-INCH- LONG FRAMING MEMBER WITH FACTORY-APPLIED FINISH FOR EACH TYPE OF INTERIOR ALUMINUM FRAME INDICATED.
 4. MAINTENANCE DATA: INTERIOR ALUMINUM FRAMES INCLUDE IN MAINTENANCE MANUALS.
 5. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF FOLLOWING:
 - CUSTOM COMPONENTS COMPANY.
 - DUAL LOCK PARTITION SYSTEMS, INC.
 - FRAMEWORKS MANUFACTURING.
 - MODULEX, INC.
 - RACO INTERIOR PRODUCTS, INC.
 - VERSATRAC.
 - WESTERN INTEGRATED MATERIALS, INC.
 - WILSON PARTITIONS.
 6. ALUMINUM FRAMING, GENERAL: ASTM B 221, ALLOY 6063-T5 OR ALLOY AND TEMPER REQUIRED TO SUIT STRUCTURAL AND FINISH REQUIREMENTS, NOT LESS THAN 0.062 INCH THICK.
 7. DOOR FRAMES: REINFORCED FOR HINGES AND STRIKES.
 8. CEILING TRACKS: EXTRUDED ALUMINUM.
 9. TRIM: EXTRUDED ALUMINUM, NOT LESS THAN 0.062 INCHTHICK, WITH REMOVABLE SNAP-IN DOOR STOPS WITHOUT EXPOSED FASTENERS.
 10. FASTENERS: ALUMINUM, NONMAGNETIC STAINLESS-STEEL OR OTHER NONCORROSIVE METAL FASTENERS COMPATIBLE WITH FRAMES, STOPS, PANELS, REINFORCEMENT PLATES, HARDWARE, ANCHORS, AND OTHER ITEMS BEING FASTENED.
 11. SOUND SEALS: MANUFACTURER'S STANDARD CONTINUOUS MOHAIR, WOOL PILE, OR VINYL SEALS.
 12. HARDWARE: COMPLY WITH REQUIREMENTS IN DIVISION 8 DOOR AND HARDWARE SECTIONS.
 13. MACHINE JAMBS AND PREPARE FOR HARDWARE, WITH CONCEALED REINFORCEMENT PLATES, DRILLED AND TAPPED AS REQUIRED, AND FASTENED WITHIN FRAME WITH CONCEALED SCREWS.
 14. PROVIDE CONCEALED CORNER REINFORCEMENTS AND ALIGNMENT CLIPS FOR ACCURATELY FITTED HAIRLINE JOINTS AT BUTTED OR MITERED CONNECTIONS.
 15. FABRICATE FRAMES FOR GLAZING WITH REMOVABLE STOPS TO ALLOW GLAZING REPLACEMENT WITHOUT DISMANTLING FRAME.
 16. FABRICATE ALL COMPONENTS TO ALLOW SECURE INSTALLATION WITHOUT EXPOSED FASTENERS.
 17. GENERAL: COMPLY WITH NAAMM "METAL FINISHES MANUAL FOR ARCHITECTURAL AND METAL PRODUCTS" RECOMMENDATIONS FOR APPLYING AND DESIGNATING FINISHES.
 18. FINISH DESIGNATIONS PREFIXED BY AA COMPLY WITH THE SYSTEM ESTABLISHED BY THE ALUMINUM ASSOCIATION FOR DESIGNATING ALUMINUM FINISHES.
 19. CLASS II, CLEAR ANODIC FINISH: AA-M12C22A31 (MECHANICAL FINISH: NONSPECULAR AS FABRICATED; CHEMICAL FINISH: ETCHED, MEDIUM MATTE; ANODIC COATING: ARCHITECTURAL CLASS II, CLEAR COATING 0.010 MM OR THICKER) COMPLYING WITH AAMA 611.
 20. COMPLY WITH FRAME MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
 21. INSTALL FRAMES PLUMB AND SQUARE, SECURELY ANCHORED TO SUBSTRATES.
 22. CLEAN EXPOSED FRAME SURFACES PROMPTLY AFTER INSTALLATION, USING CLEANING METHODS RECOMMENDED BY FRAME MANUFACTURER AND ACCORDING TO AAMA 609 & 610
- #### SECTION 08 1416 - PREFINISHED FLUSH WOOD DOORS
1. SUBMIT PRODUCT DATA AND SHOP DRAWINGS INDICATING LOCATION, SIZE, ELEVATION DETAILS OF CONSTRUCTION, HARDWARE BLOCKING, FIRE RATINGS, AND OTHER PERTINENT DATA.
 2. SUBMIT WARRANTY ON DOOR MANUFACTURER'S STANDARD FORM FOR LIFE OF INSTALLATION AFTER DATE OF SUBSTANTIAL COMPLETION.
 3. QUALITY STANDARD: "ARCHITECTURAL WOODWORK QUALITY STANDARDS" OF THE ARCHITECTURAL WOODWORK INSTITUTE.
 4. FIRE-RATED WOOD DOORS: PROVIDE WOOD DOORS LABELED AND LISTED BY UL, WARNOCK HERSEY, OR ANOTHER TESTING AND INSPECTION AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
 5. SOLID CORE DOORS (PARTICLEBOARD CORE): AWI 1300 CORE BONDED TO STILES AND RAILS.
 - PARTICLEBOARD: ANSI A208.1, GRADE LD-2.
 - WOOD VENEER FACED TRANSPARENT FINISH: PC-5-ME OR PC-7-ME, PREMIUM GRADE.
 - 20 MINUTE UL OR WARNOCK HERSEY LABEL WHERE SCHEDULED.
 6. FIRE-RATED SOLID CORE DOORS (MINERAL CORE): AWI 1300 CORE BONDED TO STILES AND RAILS.
 - WOOD VENEER FACED TRANSPARENT FINISH: FD-5-ME OR FD-7-ME, PREMIUM GRADE.
 - PROVIDE DOORS WITH SPECIAL REINFORCED INNER BLOCKING.
 - 1-1/2 HOUR, ONE-HOUR AND 45 MINUTE UL OR WARNOCK HERSEY LABELED, AS SCHEDULED.
 7. PLASTIC LAMINATE FACES: NEMA LD3 GENERAL PURPOSE 50 (GP50), 0.050 INCH THICK, COLOR AS SELECTED.
 8. WOOD VENEER FACES: AWI 1300 STANDARD THICKNESS, THOROUGHLY KILN DRIED AND PLATE DRIED SELECT FOR COLOR AND GRAIN. VENEERS LAID WITH GRAIN AT RIGHT ANGLES TO CROSS BAND, FACES TAPELESS SPLICED.
 - TRANSPARENT FINISH DOORS: PREMIUM GRADE, SPECIES, CUT AND FINISH TO MATCH EXISTING.
 9. LEAD-LINED WOOD DOORS: AWI 1300, CORE BONDED TO STILES AND RAILS.
 - SOLID-CORE, 5- OR 7-PLY WITH CONTINUOUS LEAD SHEETS.
 - CORE: SOLID GLUED WOOD BLOCK OR SOLID PARTICLEBOARD WITH LEAD LINING IN THE CORE OR BETWEEN THE CORE AND FACES.

- LEAD LINING: CONTINUOUS TOP TO BOTTOM AND EDGE TO EDGE WITH POURED LEAD FASTENERS OR STEEL BOLTS COVERED WITH LEAD.
- LEAD THICKNESS: SAME AS SPECIFIED FOR WALLS.
- SHIELD CUTOUTS FOR LOCKSETS WITH SHEET LEAD OF THE SAME THICKNESS USED IN THE DOOR.
- PROVIDE LEAD-LINED ASTRAGALS FOR PAIRS OF DOORS.
- 20 MINUTE UL OR WARNOCK HERSEY LABELED, WHERE SCHEDULED.

10. FABRICATION REQUIREMENTS:
 - FACTORY FIT DOORS TO COMPLY WITH CLEARANCE REQUIREMENTS OF REFERENCED QUALITY STANDARD.
 - COMPLY WITH REQUIREMENTS OF NFPA 80 FOR FIRE-RATED DOORS.
 - FACTORY MACHINE DOORS FOR HARDWARE IN ACCORDANCE WITH DHI-WDHS-3.
 - DOOR EDGES: MANUFACTURER'S STANDARD LAMINATED EDGE CONSTRUCTION WITH EDGE BANDS TO MATCH FACE SHEETS.
11. INSTALL WOOD DOORS TO COMPLY WITH MANUFACTURER'S INSTRUCTIONS AND REFERENCED QUALITY STANDARD.
12. INSTALL FIRE-RATED DOORS ACCORDING TO REQUIREMENTS OF NFPA 80.

SECTION 08 4110 - INTERIOR GLAZED ALUMINUM PARTITIONS (INTERIOR STOREFRONT)

1. SUBMITTALS: PRODUCT DATA, SHOP DRAWINGS, AND COLOR SAMPLES.
 - DOORS: INCLUDE HARDWARE SCHEDULE.
2. PRODUCT STANDARD: KAWNEER NORTH AMERICA; AN ALCOA COMPANY; TRIFAB VG 450, 1-3/4 INCH FACE, 4-1/2 INCH DEPTH, GLASS IN CENTER.
3. ACCESSIBLE ENTRANCES (DOORS): COMPLY WITH ICC/ANSI A117.1.
4. PERFORMANCE REQUIREMENTS:
 - LIMIT DEFLECTION OF FRAMING MEMBERS NORMAL TO WALL PLANE TO 1/175 OF CLEAR SPAN FOR SPANS UP TO 13 FEET 6 INCHES (4.1 M) AND TO 1/240 OF CLEAR SPAN PLUS 1/4 INCH (6.35 MM) FOR SPANS GREATER THAN 13 FEET 6 INCHES (4.1 M) OR AN AMOUNT THAT RESTRICTS EDGE DEFLECTION OF INDIVIDUAL GLAZING LITES TO 3/4 INCH (19 MM), WHICHEVER IS LESS.
 - LIMIT DEFLECTION OF FRAMING MEMBERS PARALLEL TO GLAZING PLANE TO L/360 OF CLEAR SPAN OR 1/8 INCH (3.2 MM), WHICHEVER IS SMALLER.
5. ALUMINUM: ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED; ASTM B 209 (ASTM B 209M) SHEET; ASTM B 221 (ASTM B 221M) EXTRUSIONS.
6. GLAZING: AS SPECIFIED IN DIVISION 08 SECTION "GLAZING."
7. FRAMING MEMBERS: MANUFACTURER'S STANDARD EXTRUDED-ALUMINUM FRAMING MEMBERS OF THICKNESS REQUIRED AND REINFORCED AS REQUIRED TO SUPPORT IMPOSED LOADS.
8. DOORS: 1-3/4-INCH- (44.5-MM-) THICK GLAZED DOORS WITH MINIMUM 0.125-INCH- (3.2-MM-) THICK, EXTRUDED-ALUMINUM TUBULAR RAIL AND STILE MEMBERS. MECHANICALLY FASTEN CORNERS WITH REINFORCING BRACKETS THAT ARE DEEPLY PENETRATED AND FILLET WELDED OR THAT INCORPORATE CONCEALED TIE RODS. PROVIDE SNAP-ON EXTRUDED-ALUMINUM GLAZING STOPS, AND PREFORMED GASKETS.
 - ACCESSIBLE DOORS: SMOOTH SURFACED FOR WIDTH OF DOOR IN AREA WITHIN 10 INCHES (255 MM) ABOVE FLOOR OR GROUND PLANE.
 - INTERIOR DOORS: PROVIDE ANSI/BHMA A156.16 SILENCERS, THREE ON STRIKE JAMB OF SINGLE-DOOR FRAMES AND TWO ON HEAD OF DOUBLE-DOOR FRAMES.
 - DOOR DESIGN:
 - NARROW STILE: 2-1/8-INCH (54-MM) NOMINAL WIDTH.
 - MEDIUM STILE: 3-1/2-INCH (88.9-MM) NOMINAL WIDTH.
 - WIDE STILE: 5-INCH (127-MM) NOMINAL WIDTH.
 - HARDWARE: AS SPECIFIED IN DIVISION 08 SECTION "DOOR HARDWARE."
9. FASTENERS AND ACCESSORIES: COMPATIBLE WITH ADJACENT MATERIALS, CORROSION RESISTANT, NONSTAINING, AND NONBLEEDING. USE CONCEALED FASTENERS EXCEPT FOR APPLICATION OF DOOR HARDWARE.
10. FABRICATION: FABRICATE FRAMING IN PROFILES INDICATED FOR FLUSH GLAZING (WITHOUT PROJECTING STOPS). PROVIDE SUBFRAMES AND REINFORCING OF TYPES INDICATED OR, IF NOT INDICATED, AS REQUIRED FOR A COMPLETE SYSTEM. FACTORY-ASSEMBLE COMPONENTS TO GREATEST EXTENT POSSIBLE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR SHIPMENT AND INSTALLATION.
11. DOOR FRAMING: REINFORCE TO SUPPORT IMPOSED LOADS. FACTORY ASSEMBLE DOOR AND FRAME UNITS AND FACTORY INSTALL HARDWARE TO GREATEST EXTENT POSSIBLE. REINFORCE DOOR AND FRAME UNITS FOR HARDWARE INDICATED. CUT, DRILL, AND TAP FOR FACTORY-INSTALLED HARDWARE BEFORE FINISHING COMPONENTS.
12. ALUMINUM FINISH:
 - CLASS II, CLEAR ANODIC FINISH; AA-M12C22A31; COMPLYING WITH AAMA 611.
 - CLASS II, COLOR ANODIC FINISH; AA-M12C22A32/A34; COMPLYING WITH AAMA 611.
 - BAKED-ENAMEL OR POWDER-COAT FINISH COMPLYING WITH AAMA 2603.
 - FLUOROPOLYMER TWO-COAT COATING SYSTEM COMPLYING WITH AAMA 2604.
 - FLUOROPOLYMER THREE-COAT COATING SYSTEM COMPLYING WITH AAMA 2605.
13. ISOLATION OF DISSIMILAR MATERIALS: ISOLATE METAL SURFACES IN CONTACT WITH INCOMPATIBLE MATERIALS, INCLUDING WOOD, BY PAINTING CONTACT SURFACES WITH BITUMINOUS COATING OR PRIMER, OR BY APPLYING SEALANT OR TAPE RECOMMENDED BY MANUFACTURER.
14. INSTALLATION TOLERANCES: INSTALL FRAMING COMPONENTS TRUE IN ALIGNMENT WITH ESTABLISHED LINES AND GRADES TO THE FOLLOWING TOLERANCES:
 - VARIATION FROM PLANE: LIMIT TO 1/8 INCH IN 12 FEET (3 MM IN 3.7 M); 1/4 INCH (6 MM) OVER TOTAL LENGTH.
 - ALIGNMENT: FOR SURFACES ABUTTING IN LINE, LIMIT OFFSET TO 1/16 INCH (1.5 MM). FOR SURFACES MEETING AT CORNERS, LIMIT OFFSET TO 1/32 INCH (0.8 MM).

- DIAGONAL MEASUREMENTS: LIMIT DIFFERENCE BETWEEN DIAGONAL MEASUREMENTS TO 1/8 INCH (3 MM).
- 15. DOOR INSTALLATION: INSTALL DOORS WITHOUT WARP OR RACK. ADJUST DOORS AND HARDWARE TO PROVIDE TIGHT FIT AT CONTACT POINTS AND SMOOTH OPERATION.

SECTION 08 4226 - INTERIOR ALL-GLASS ENTRANCES AND STOREFRONTS

1. PRODUCT DATA: SUBMIT CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES AND FINISHES.
2. SHOP DRAWINGS: SUBMIT FABRICATION AND INSTALLATION DETAILS, INCLUDING PLANS, ELEVATIONS, SECTIONS, GLAZING AND HARDWARE LOCATIONS.
3. SAMPLES: SUBMIT FOR EACH TYPE OF EXPOSED FINISH, 6-INCH-LONG SECTIONS OF PATCH FITTINGS, RAILS, AND HARDWARE.
4. DESIGN STANDARD: OLDCASTLE GLASS - "TYPE P", FULL RAIL TOP AND BOTTOM.
5. MATERIALS:
 - GLASS: ASTM C 1048, KIND FT, CONDITION A, TYPE I; TESTED FOR SURFACE AND EDGE COMPRESSION PER ASTM C 1048 AND FOR IMPACT STRENGTH PER 16 CFR 1201 FOR CATEGORY II MATERIALS. COMPLY WITH DIVISION 08 SECTION "INTERIOR GLAZING".
 - WHERE INTERIOR GLAZING IS INSTALLED ADJACENT TO A WALKING SURFACE, THE DIFFERENTIAL DEFLECTION OF TWO ADJACENT UNSUPPORTED EDGES SHALL NOT BE GREATER THAN THE THICKNESS OF THE PANELS WHEN A FORCE OF 50 POUNDS PER LINEAR FOOT (PLF) (730 N/M) IS APPLIED HORIZONTALLY TO ONE PANEL AT ANY POINT UP TO 42 INCHES (1067 MM) ABOVE THE WALKING SURFACE.
 - EDGES: FLAT POLISHED EXPOSED EDGES. BUTT EDGES TO BE FLAT GROUND.
 - THICKNESS: WHERE GLASS THICKNESS IS INDICATED, IT IS A MINIMUM. PROVIDE GLASS LITES IN THICKNESSES AS NEEDED TO COMPLY WITH REQUIREMENTS INDICATED AND FOR ACTUAL SIZE AND IN-SERVICE LOADS.
 - OPENING HEIGHTS LESS THAN 10 FT (3 M): 5/8 IN (15 MM).
 - OPENING HEIGHTS OF 10 FT (3 M) TO 12 FT (3.6 M): 3/4 IN (19 MM).
 - CONSULT GLASS STANDARDS FOR HEIGHTS ABOVE 12 FT (3.6 M ALUMINUM: ASTM B 221, ALLOY 6063-T5.
 - STAINLESS STEEL CLADDING: ASTM A 666, TYPE 302 OR 304; NO. 4 SATIN, DIRECTIONAL POLISH FINISH.
 - BUTT GLAZING SEALANT: SINGLE-COMPONENT, NONSAG, ACID-CURING SILICONE JOINT SEALANT: ASTM C 920, TYPE 5, GRADE NS, CLASS 25, FOR USES NT, G, AND A.
6. COMPONENTS:
 - SIDELIGHT CHANNELS: RECESSED HEAD AND SILL CHANNELS FOR CONCEALED SIDELIGHT SUPPORT.
 - RAILS: HEIGHT AS INDICATED; FLAT TOP, SQUARE PROFILE.
 - HARDWARE: MANUFACTURER'S STANDARD COMPONENTS.
 - CONCEALED FLOOR CLOSERS AND TOP PIVOTS; CENTER HUNG, BHMA A156.4, GRADE 1; SELECTIVE HOLD OPEN, 5 LBF MAXIMUM OPENING FORCE.
 - PUSH-PULL SET: ROCKWOOD "RM2200"; STAINLESS STEEL; 9'-4" LENGTH.
 - LOCKSET: BOTTOM-RAIL DEALBOLT OPERATED BY KEY OUTSIDE AND THUMB TURN INSIDE. CYLINDERS PROVIDED BY "DOOR HARDWARE" SECTION.
8. FABRICATION: PROVIDE HOLES AND CUTOUTS IN GLASS TO RECEIVE HARDWARE, FITTINGS, RAILS, AND ACCESSORIES BEFORE TEMPERING GLASS. DO NOT CUT, DRILL, OR MAKE OTHER ALTERATIONS TO GLASS AFTER TEMPERING.
- FACTORY ASSEMBLE COMPONENTS AND FACTORY INSTALL HARDWARE TO GREATEST EXTENT POSSIBLE.
9. INSTALL ALL-GLASS SYSTEMS AND ASSOCIATED COMPONENTS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS

SECTION 08 7100 - DOOR HARDWARE

1. SUBMIT FINAL HARDWARE SCHEDULE ORGANIZED BY "HARDWARE SETS" AND PRODUCT DATA FOR EACH ITEM OF DOOR HARDWARE.
2. FURNISH TEMPLATES TO EACH FABRICATOR OF DOORS AND FRAMES AS REQUIRED FOR HARDWARE PREPARATION.
3. FOR FIRE-RATED OPENINGS PROVIDE HARDWARE TESTED AND LISTED BY UL OR FM (NFPA STANDARD 80).

4. PROVIDE DOOR HARDWARE THAT COMPLIES WITH APPLICABLE REQUIREMENTS OF ADA, ANSI A117.1 AND STATE HANDICAP REQUIREMENTS.
5. BUTT HINGES: ANSI/BHMA A156.1, FULL MORTISE, SIZE AND NUMBER AS RECOMMENDED BY HINGE MANUFACTURER. BALL BEARING HINGES FOR DOORS WITH CLOSERS.
6. PIVOTS: ANSI/BHMA A156.4, GRADE 1. FULL-MORTISE, SINGLE-ACTING OR DOUBLE-ACTING, CENTER OR OFFSET, MOUNTING, LEAD-LINED.
 - TOP PIVOT: WALKING-BEAM TYPE WITH RETRACTABLE PIN AND OIL-IMPREGNATED BRONZE BEARING.
 - STANDARD INTERMEDIATE PIVOT: OIL-IMPREGNATED BRONZE BEARING.
 - BOTTOM PIVOT: THRUST BALL OR NEEDLE BEARING.
 - DESIGN STANDARD: IVES 7226 PIVOT SET

7. KEYING: REVIEW KEYING SYSTEM WITH OWNER AND PROVIDE LOCKS MASTERKEYED TO EXISTING SYSTEM.

8. CYLINDERS: EQUIP LOCKS WITH MANUFACTURER'S STANDARD 6-PIN TUMBLER CYLINDERS.

9. LOCKSETS - MORTISE TYPE - LEVER HANDLE: AHSI/BHMA A156.13 HEAVY DUTY CONSTRUCTION WITH WROUGHT CASES. SUPPLY LOCKSETS UTILIZING DEADBOLTS WITH MINIMUM 1 INCH THROW.
 - LEVER HANDLES: CAST OR FORGED BRASS, BRONZE OR STAINLESS STEEL SUPPORTED BY INTERNAL SPRING.

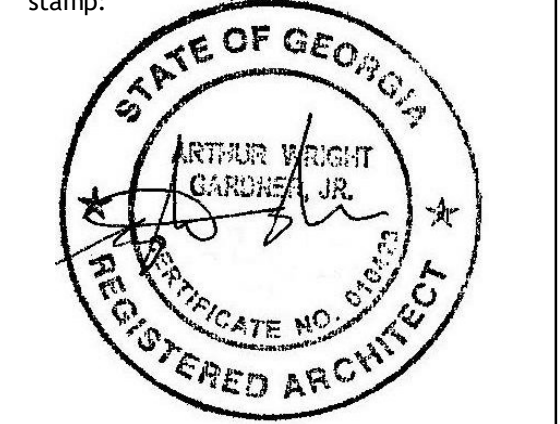
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**TUCKER CITY HALL
RENOVATION**

1975 Lakeside Pkwy Suite 350,
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SPECIFICATIONS

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scale as noted

sheet number:

A0-04

NOT ISSUED FOR CONSTRUCTION
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- SPINDLES: SQUARE, "SPLIT (WITH ALL-THREAD CONNECTOR)," SET-SCREW RECEIVER/RETAINER NOTCH.
 - FURNISH LOCKS AND LATCHES WITH WROUGHT BOX STRIKES.
 - PROVIDE LATCH STRIKE PLATES WITH MINIMUM LIP PROJECTION.
 - KNURLING: OUTSIDE TRIM OF LOCKSETS FOR EQUIPMENT ROOMS.
 - TRIM ASSEMBLY STYLE SELECTION: MATCH EXISTING.
10. LOCKSETS - CYLINDRICAL TYPE - LEVER HANDLE: ANSI/BHMA A 156.2, GRADE 1, EXCEPT CYCLE TESTING SHALL BE 2 MILLION CYCLES MINIMUM.
- LEVER HANDLES: CAST OR FORGED BRASS, BRONZE OR STAINLESS STEEL SUPPORTED BY INTERNAL SPRING.
 - SPINDLES: SQUARE, "SPLIT (WITH ALL-THREAD CONNECTOR)," SET-SCREW RECEIVER/RETAINER NOTCH.
 - PROVIDE LATCH STRIKE PLATES WITH MINIMUM LIP PROJECTION.
 - KNURLING: OUTSIDE TRIM OF LOCKSETS FOR EQUIPMENT ROOMS.
 - TRIM ASSEMBLY STYLE SELECTION: MATCH EXISTING.
11. PUSH/PULL UNITS: PROVIDE MANUFACTURER'S STANDARD FASTENERS, THRU-BOLTED FOR MATCHED PAIRS BUT NOT FOR SINGLE UNITS. TREGO P163/PP605
12. EXIT/PANIC DEVICES: ANSI/BHMA A156.3, VON DUPRIN 99 SERIES, TOUCH BAR TYPE.
- PROVIDE CONCEALED TYPE VERTICAL ROD DEVICES ON PAIRS OF HOLLOW METAL DOORS.
 - PROVIDE SURFACE MOUNTED VERTICAL ROD DEVICES ON EACH LEAF OF PAIRS OF WOOD DOORS.
 - PROVIDE RIM TYPE DEVICES ON SINGLE DOORS ONLY.
 - PROVIDE OUTSIDE TRIM AS REQUIRED AND AS SCHEDULED.
13. OVERHEAD CLOSERS: ANSI/BHMA A156.4, LCN 4010/4110 NON-SIZED, NON-HANDED WITH MINIMUM 1-1/2 INCH DIAMETER CYLINDER FULL COVER, FULL RACK AND PINION, INDEPENDENT SPEED AND LATCHING REGULATING VALVES, ADJUSTABLE BACK-CHECK FEATURE, 180 DEG. DOOR OPENING.
14. FLUSH BOLTS: ANSI/DHI A115.16. GLYNN-JOHNSON - FB6/FB6W WITH DP2 (DP1 AT THRESHOLDS).
15. AUTOMATIC FLUSH BOLTS: ANSI/DHI A115.3. GLYNN-JOHNSON - FB7/FB8 WITH DP2 (DP1 AT THRESHOLDS) UL LISTED.
16. COORDINATORS: GLYNN-JOHNSON - SERIES CR UL LISTED.
17. WALL STOP: WROUGHT OR DIE CAST BRASS, BRONZE OR STAINLESS STEEL WITH GRAY CONVEX REPLACEABLE RUBBER. GLYNN-JOHNSON; 50W.
18. FLOOR STOPS: HEAVY DUTY CAST BRASS, BRONZE OR ALUMINUM WITH GRAY REPLACEABLE RUBBER. GLYNN-JOHNSON; FB13X/FB14X.
19. OVERHEAD STAYS: SURFACE MOUNTED, MEDIUM DUTY, BRONZE, STOP ONLY AT INTERIOR; HEAVY DUTY, BRONZE, WITH HOLDOPEN AT EXTERIOR. GLYNN-JOHNSON; 360/90M.
20. DOOR SILENCERS: GRAY RUBBER. GLYNN-JOHNSON; 64/65.
21. ELECTROMAGNETIC DOOR HOLDERS: LCN 850.
22. KICK, MOP AND ARMOR PLATES: 16 GAGE, NOMINAL WIDTH OF DOOR LESS 1-1/2 INCH ON PUSH SIDE AND NOMINAL WIDTH OF DOOR LESS 1/2 INCH ON PULL SIDE.
23. WEATHERSTRIPPING AND SEALS:
- EXTERIOR THRESHOLD: PEMKO #2005AV, 5 INCHES WIDE.
 - CARPET THRESHOLD: PEMKO #2364, 4 INCHES WIDE.
 - SILL STRIP/SADDLE: ZERO #339, WITH ZERO #1672.
 - JAMBS AND HEAD WEATHERSTRIP: ZERO #328A.
 - RAIN-DRIP: ZERO #11, ALUMINUM.
 - MEETING RAIL WEATHERSTRIP: ZERO #328A.
 - AUTOMATIC DOOR BOTTOMS: ZERO #360, (NON-RATED), #361 (RATED).
 - ADJUSTABLE DOOR STOPS: ZERO #170 (NON-RATED), ZERO 475A (RATED).
 - SOUND SEAL: ZERO #328, ALUMINUM WITH NEOPRENE GASKET.
 - SMOKE SEAL: PEMKO #588, SILICONE RUBBER, UL CLASSIFIED.
 - SMOKE ASTRAGAL: PEMKO #355AS, UL CLASSIFIED.
24. FINISHES: MATCH EXISTING.
25. MOUNT HARDWARE UNITS AT HEIGHTS INDICATED IN DOOR AND HARDWARE INSTITUTE APPLICABLE PUBLICATIONS, EXCEPT AS SPECIFICALLY INDICATED OR REQUIRED TO COMPLY WITH GOVERNING REGULATIONS.
26. INSTALL EACH HARDWARE ITEM IN COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. DO NOT INSTALL SURFACE-MOUNTED ITEMS UNTIL FINISHES HAVE BEEN COMPLETED ON SUBSTRATES INVOLVED.
27. HARDWARE SCHEDULE: SCHEDULE IS NOT COMPLETE WITH RESPECT TO THICKNESSES OF DOORS, HAND AND BACKSET OF HARDWARE ITEMS, METHOD OF FASTENING AND OTHER DETAIL REQUIREMENTS. THOROUGHLY CHECK DRAWINGS AND DOOR SCHEDULE AND PROVIDE REQUIRED HARDWARE FOR OPENINGS.
- REFERENCE DOOR HARDWARE SCHEDULE ON SHEET A3.30.

SECTION 08 8020 - INTERIOR GLAZING

1. QUALITY STANDARDS: COMPLY WITH PUBLISHED RECOMMENDATIONS OF GLASS PRODUCT MANUFACTURERS, "GANA GLAZING MANUAL," AAMA, AND IGMA AS APPLICABLE TO PRODUCTS INDICATED, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED.
2. THICKNESS: WHERE GLASS THICKNESS IS INDICATED, IT IS A MINIMUM. PROVIDE GLASS LITES IN THICKNESSES AS NEEDED TO COMPLY WITH REQUIREMENTS INDICATED AND FOR ACTUAL SIZE AND IN-SERVICE LOADS.
3. MAXIMUM LATERAL DEFLECTION: FOR GLASS SUPPORTED ON ALL FOUR EDGES OR TWO EDGES, LIMIT CENTER-OF- GLASS DEFLECTION TO NOT MORE THAN 1/100 TIMES THE SHORT-SIDE LENGTH OR 1/2 IN (12 MM), WHICHEVER IS LESS, AT 10 LB/SQ FT (479 PA) LATERAL LOAD.
4. DIFFERENTIAL DEFLECTION: WHERE INTERIOR GLAZING IS INSTALLED ADJACENT TO A WALKING SURFACE, THE DIFFERENTIAL DEFLECTION OF TWO ADJACENT UNSUPPORTED EDGES SHALL NOT BE GREATER THAN THE THICKNESS OF THE PANELS WHEN A FORCE OF 50 LB/LF (730 N/M) IS APPLIED HORIZONTALLY TO ONE PANEL AT ANY POINT UP TO 42 IN (1050 MM) ABOVE THE WALKING SURFACE.
5. SAFETY GLASS: PRODUCTS COMPLYING WITH ANSI Z97.1 AND TESTING REQUIREMENTS OF 16 CFR PART 1201 FOR CATEGORY II MATERIALS.
6. FIRE-RESISTIVE GLAZING PRODUCTS: PRODUCTS IDENTICAL TO THOSE TESTED PER ASTM E 152 FOR DOORS AND ASTM E 163 FOR WINDOW ASSEMBLIES; BOTH LABELED AND LISTED BY UL OR ANOTHER TESTING AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

- MONOLITHIC CERAMIC GLAZING: CLEAR, CERAMIC FLAT GLASS; 3/16 IN (5 MM) NOMINAL THICKNESS.
- LOCATIONS: WHERE INDICATED ON DRAWINGS FOR 20-, 45-, 60-, AND 90-MINUTE RATINGS WHERE SAFETY GLAZING IS NOT REQUIRED.
- FIRE-PROTECTION-RATED LAMINATED GLASS: LAMINATED GLASS MADE FROM 2 PLIES OF CLEAR GLASS; 5/16 IN (8 MM) TOTAL NOMINAL THICKNESS; COMPLYING WITH TESTING REQUIREMENTS IN 16 CFR 1201 FOR CATEGORY II MATERIALS. LOCATIONS: WHERE INDICATED ON DRAWINGS FOR 20-, 45-, 60-, 90-, AND 120-MINUTE RATINGS WHERE SAFETY GLAZING IS REQUIRED.
7. FLOAT GLASS: ASTM C 1036, TYPE I, CLASS 1 (CLEAR) QUALITY Q3.
8. HEAT-TREATED FLOAT GLASS: UNCOATED, CLEAR, HEAT-TREATED FLOAT GLASS: ASTM C 1048, CONDITION A, TYPE I, CLASS 1, QUALITY Q3, KIND HS OR FT AS INDICATED, OR REQUIRED FOR SAFETY GLAZING.
9. WIRED GLASS: ASTM C 1036, TYPE II, CLASS 1, QUALITY Q8; 6 MM (0.23 INCH) THICK; FORM 1, MESH M2 (SQUARE) UL LABELED.
10. POLYCARBONATE SHEET: RIGID, FLAT POLYCARBONATE SHEET; THICKNESSES AS INDICATED.
- RELATIVE BURNING CHARACTERISTICS: AVERAGE EXTENT OF BURNING LESS THAN 1 INCH, WHEN TESTED PER ASTM D 635, USING THICKNESS OF MATERIAL INDICATED FOR PROJECT.
11. LAMINATED BULLET-RESISTIVE UNITS: MULTIPLE PLYS LAMINATED TOGETHER WITH INTERLAYER, USING HEAT AND PRESSURE, WITHOUT AIR POCKETS OR CONTAMINANTS BETWEEN PLYS.
- INTERLAYER FOR ALL-GLASS UNITS: POLYVINYL BUTYRAL INTERLAYER SPECIFICALLY DESIGNED FOR LAMINATION AND WITH DEMONSTRATED LONG-TERM ABILITY TO MAINTAIN PHYSICAL AND VISUAL PROPERTIES UNDER INSTALLED CONDITIONS.
 - INTERLAYER FOR POLYCARBONATE UNITS: POLYURETHANE OR OTHER MATERIAL RECOMMENDED BY GLAZING MANUFACTURER, SPECIFICALLY DESIGNED FOR LAMINATION AND WITH DEMONSTRATED LONG-TERM ABILITY TO MAINTAIN PHYSICAL AND VISUAL PROPERTIES UNDER INSTALLED CONDITIONS.
 - LEVEL OF SECURITY: ASTM F 1233, UL LEVEL 3.
12. LAMINATED ONE-WAY OBSERVATION MIRRORRED GLAZING: MANUFACTURED BY VACUUM DEPOSITING EXTREMELY THIN LAYERS OF METAL, SELECTED FOR HIGH REFLECTANCE AND DURABILITY, ONTO ONE SURFACE OF TEMPERED GLASS BY A PROCESS OF MAGNETICALLY SPUTTERED VACUUM DEPOSITION.
- MANUFACTURER AND PRODUCT: PILKINGTON; MIRROPANE T.M. TRANSPARENT MIRROR GLASS, 1/4 INCH MINIMUM THICKNESS, OR AS RECOMMENDED BY MANUFACTURER.
13. ELASTOMERIC GLAZING SEALANTS: ASTM C 920, TYPE S, GRADE NS, CLASS 25, SILICONE, COLOR AS SELECTED FROM STANDARDS COLORS.
14. GLAZING SEALANT FOR FIRE-RESISTANT GLAZING PRODUCTS: IDENTICAL TO PRODUCT USED IN TEST ASSEMBLY TO OBTAIN FIRE-RESISTIVE RATING.
15. GLAZING TAPE: AAMA 800 PREFORMED, BUTYL-BASED ELASTOMERIC TAPE, WITH OR WITHOUT SPACER ROD AS RECOMMENDED BY TAPE AND GLASS MANUFACTURERS FOR APPLICATION INDICATED.
16. MISCELLANEOUS GLAZING MATERIALS: PRODUCTS COMPLYING WITH REFERENCED GLAZING STANDARD, REQUIREMENTS OF MANUFACTURERS OF GLASS AND OTHER GLAZING MATERIALS FOR GLAZING APPLICATION INDICATED.
17. INSTALLATION: COMPLY WITH COMBINED RECOMMENDATIONS OF REFERENCED STANDARDS, MANUFACTURERS OF GLASS, SEALANTS, GASKETS, AND OTHER GLAZING MATERIALS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED.

SECTION 09 2900 - GYPSUM BOARD ASSEMBLIES

1. SOUND TRANSMISSION CHARACTERISTICS: PROVIDE ASSEMBLIES WHOSE STC RATINGS WERE DETERMINED PER ASTM E 90 AND CLASSIFIED PER ASTM E 413.
2. FIRE-TEST-RESPONSE CHARACTERISTICS: PROVIDE ASSEMBLIES TESTED FOR FIRE RESISTANCE PER ASTM E 119.
3. CEILING GRID SUSPENSION SYSTEM: ASTM C 645, HEAVY DUTY WITH INTERLOCKING MAIN BEAMS AND CROSS FURRING MEMBERS.
 - MAIN BEAMS: .024 INCH SINGLE WEB OR .020 INCH DOUBLE WEB 1-1/2" WEB AND 1-3/8" FLANGE.
 - CROSS TEES: .020 INCH, SINGLE OR DOUBLE WEB, 1-1/2" WEB AND 1-3/8" FLANGE.
 - ACCESSORIES: DESIGNED AS AN INTEGRAL PART OF GRID SYSTEM.
 - WIRE: ASTM A 641, CLASS 1, 12 GAGE GALVANIZED, SOFT ANNEALED, MILD STEEL WIRE.
4. STEEL FRAMING FOR WALLS AND PARTITIONS:
 - SIZES AND SPACINGS: ASTM C 754 UNDER MAXIMUM DEFLECTION AND LATERAL LOADING CONDITIONS OF L/240 AT 5 LBF PER SQ. FT. 16 INCH O.C. SPACING.
 - PROTECTIVE COATING: G40 HOT-DIP GALVANIZED PER ASTM A 525.
 - METAL STUDS AND RUNNERS: ASTM C 645, 22 GAGE, UNLESS OTHERWISE INDICATED.
 - METAL FURRING CHANNELS: ASTM C 645, 22 GAGE, HAT-SHAPED.
5. GYPSUM BOARD: ASTM C 36, TYPE X, TAPERED EDGE, 5/8 INCH THICK.
6. MOISTURE RESISTANT PAPERLESS GLASS-MAT GYPSUM BOARD: ASTM C 1177, TYPE X, 5/8 INCH THICK. GEORGIA- PACIFIC GYPSUM LLC; DENSARMOR PLUS FIREGUARD INTERIOR GUARD.
7. MOISTURE RESISTANT COATED GLASS-MAT GYPSUM BOARD: ASTM C 1178, TYPE X, 5/8 INCH THICK. GEORGIA- PACIFIC GYPSUM LLC; DENSISHIELD TILE BACKER.
8. MOISTURE-RESISTANT PAPER-FACED SHAFT-LINER GYPSUM BOARD: ASTM C 1396/C 1396M, TYPE X. BASIS OF DESIGN: NATIONAL GYPSUM CO.; "GOLD BOND 1" FIRE-SHIELD SHAFTLINER XP.
9. ACCESSORIES: ASTM C 1047, ZINC COATED SHEET STEEL CORNER BEADS, EDGE TRIM, AND CONTROL JOINTS.
10. JOINT TREATMENT MATERIALS: ASTM C 475 AND ASTM C 840, PAPER REINFORCING TAPE, AND ALL-PURPOSE COMPOUND FORMULATED AS BOTH TAPING AND TOPPING COMPOUND.

11. MISCELLANEOUS MATERIALS:
- LAMINATING ADHESIVES: PRODUCT RECOMMENDED BY GYPSUM BOARD MANUFACTURER.
 - STEEL DRILL SCREWS: ASTM C 1002
 - ACOUSTICAL SEALANT: ASTM C 834 MANUFACTURER'S STANDARD NONSAG, PAINTABLE, NONSTAINING LATEX SEALANT.
 - SOUND ATTENUATION BLANKETS: ASTM C 665, TYPE I, UNFACED MINERAL-FIBER BLANKET INSULATION, 3 INCH THICK.
12. INSTALL METAL FRAMING TO COMPLY WITH ASTM C 754, ASTM C 840 AND MANUFACTURERS INSTRUCTIONS. SPACE STUDS AT 16 INCHES ON CENTER.
13. INSTALL GYPSUM BOARD TO COMPLY WITH ASTM C 840 AND AS FOLLOWS:
- PROVIDE EDGE TRIM AND ACOUSTICAL SEALANT AS RECOMMENDED BY MANUFACTURER.
 - INSTALL SOUND ATTENUATION BLANKETS WITHOUT GAPS, AND SUPPORT WHERE NECESSARY.
 - INSTALL WATER-RESISTANT PAPERLESS GLASS-MAT BACKING BOARD WHERE INDICATED TO RECEIVE PAINT IN WET USE AREAS.
 - INSTALL WATER-RESISTANT COATED GLASS-MAT BACKING BOARD WHERE INDICATED TO RECEIVE THIN-SET TILE.
 - SCREW GYPSUM BOARD TO METAL SUPPORTS.
14. FINISHING: APPLY JOINT TREATMENT AT GYPSUM BOARD JOINTS, ACCESSORIES SURFACE DEFECTS, AND AS REQUIRED, TO PREPARE SURFACES FOR DECORATION AND LEVELS OF GYPSUM BOARD FINISH INDICATED.
15. LEVELS OF FINISH: GA-214, LEVEL 4 UNLESS OTHERWISE INDICATED.

SECTION 09 3000 - TILING

1. TILE STANDARDS: COMPLY WITH ANSI A137.1 STANDARD SPECIFICATION FOR CERAMIC TILE AND ANSI 108 SERIES OF TILE INSTALLATION STANDARDS INCLUDED UNDER "AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR THE INSTALLATION OF CERAMIC TILE."
2. INSTALLATION GUIDELINES: TCA "HANDBOOK FOR CERAMIC TILE INSTALLATION;" COMPLY WITH TCA INSTALLATION METHODS INDICATED.
3. SUBMITTALS: MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS.
4. GLAZED CERAMIC WALL TILE: ANSI A 137.1, FORMED BY DUST-PRESSED METHOD, CUSHION EDGES, NON- VITREOUS BODY.
5. CERAMIC MOSAIC TILE: ANSI A 137.1, DOMESTIC, FORMED BY DUST-PRESSED METHOD, PORCELAIN, IMPERVIOUS (ABSORPTION LESS THAN 0.5 PERCENT), 1/4 INCH THICK, CUSHION EDGES, FACTORY MOUNTED.
6. MARBLE THRESHOLDS: ASTM C 503 WHITE, HONED MARBLE COMPLYING WITH MIA GROUP "A" REQUIREMENTS FOR SOUNDNESS.
7. TRIM SHAPES: SAME MATERIAL, SIZE, COLOR, AND TEXTURE AS FIELD TILE.
8. SETTING MATERIALS: PROVIDE SETTING MATERIALS AS FOLLOWS:
 - PORTLAND CEMENT MORTAR: MATERIALS COMPLYING WITH ANSI A 108.1.
 - ACRYLIC LATEX ADDITIVE (WATER EMULSION) REPLACING PART OR ALL OF GAUCING WATER.
 - LATEX-PORTLAND CEMENT MORTAR: MATERIALS COMPLYING WITH ANSI A118.4, AND DRY-SET PORTLAND CEMENT MORTAR COMPLYING WITH ANSI A118.1.
 - ORGANIC TILE ADHESIVE: ANSI A136.1, TYPE I.
9. GROUTING MATERIALS: PROVIDE GROUTING MATERIALS AS FOLLOWS:
 - LATEX-PORTLAND CEMENT GROUT: ANSI A118.6 WITH ACYLIC LATEX ADDITIVE.
 - CHEMICAL-RESISTANT EPOXY GROUT: ANSI A118.3.
10. ELASTOMERIC SEALANTS:
 - WALL JOINTS: ONE-PART MILDEW-RESISTANT SILICONE SEALANTS: ASTM C 920, TYPE S, GRADE NS, CLASS 25.
 - FLOOR JOINTS: MULTIPART URETHANE SEALANTS: ASTM C 920, TYPE M, GRADE P, CLASS 25.
11. WATERPROOFING MEMBRANE: THE NOBLE COMPANY; CHLORALOY 240.
12. INSTALLATION: COMPLY WITH ANSI A108.1 AND 108.4 THROUGH A108.10, AS APPLICABLE FOR TYPE OF TILE, SETTING MATERIALS, GROUT, AND METHODS OF INSTALLATION INDICATED. COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR APPLICATION OF PROPRIETARY MATERIALS.

SECTION 09 5113 - ACOUSTICAL PANEL CEILINGS

1. SUBMIT PRODUCT DATA FOR EACH TYPE OF ACOUSTICAL PANEL AND SUSPENSION SYSTEM REQUIRED.
2. FIRE-TEST-RESPONSE CHARACTERISTICS: ASTM E 1264, CLASS A.
3. STANDARD FOR SEISMIC RESTRAINT: COMPLY WITH ASTM E 580 UNLESS MORE STRINGENT REQUIREMENTS ARE REQUIRED BY AUTHORITIES HAVING JURISDICTION.
4. ACOUSTICAL PANEL: PROVIDE MANUFACTURERS STANDARD UNITS THAT COMPLY WITH ASTM E 1264
 - FED. SPEC. SS-5-118B, CLASS A.
 - SURFACE BURNING CHARACTERISTICS (PER ASTM E 84/NFPA 255/UL723): FLAME SPREAD 25 OR LESS; SMOKE DEVELOPED 50 OR LESS.
 - SELECTION:
5. WIRE FOR HANGERS, BRACES AND TIES: ASTM A 641, CLASS 1 ZINC COATING, SOFT TEMPER, 12 GAGE DIAMETER.
6. EDGE MOLDINGS AND TRIM: MANUFACTURER'S STANDARD MOLDINGS.
 - WIDE-FACE CAPPED DOUBLE-WEB STEEL SUSPENSION SYSTEM: MAIN AND CROSS-RUNNERS ROLL-FORMED FROM PREPAINTED OR ELECTROLYTIC ZINC-COATED COLD-ROLLED STEEL SHEET, WITH PREFINISHED 15/16-INCH-WIDE METAL CAPS ON FLANGES:
 - STRUCTURAL CLASSIFICATION: INTERMEDIATE-DUTY SYSTEM.
 - END CONDITION OF CROSS-RUNNERS: OVERRIDE (STEPPED) TYPE.
 - CAP MATERIAL AND FINISH: STEEL SHEET PAINTED WHITE.
 - ACCEPTABLE MANUFACTURERS AND PRODUCT: ARMSTRONG WORLD INDUSTRIES, INC.; PRELUDE.
8. SEISMIC STRUTS: MANUFACTURER'S STANDARD COMPRESSION STRUTS DESIGNED TO ACCOMMODATE SEISMIC FORCES AND COMPLYING WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
9. SEISMIC CLIPS: MANUFACTURER'S STANDARD SEISMIC CLIPS DESIGNED AND SPACED TO SECURE ACOUSTICAL PANELS IN-PLACE AND COMPLYING WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.

10. INSTALL ACOUSTICAL CEILING SYSTEMS TO COMPLY WITH ASTM C636 MANUFACTURER'S INSTRUCTIONS AND CISCA "CEILING SYSTEMS HANDBOOK."
- SPACE STEEL MAIN RUNNERS AT 4'-0" ON CENTER.
 - LAY OUT SYSTEM IN REGULAR PATTERN PARALLEL OR PERPENDICULAR TO SURROUNDING WALLS.
 - ARRANGE SYSTEM SYMMETRICALLY ABOUT ROOM CENTERLINES IN BOTH DIRECTIONS.
 - MAKE NO BORDER LESS THAN ONE-HALF THE TILE WIDTH.
11. INSTALL HANGERS PLUMB AND FREE FROM CONTACT WITH OBJECTS WITHIN CEILING PLENUM THAT ARE NOT PART OF SUPPORTING STRUCTURAL OR CEILING SUSPENSION SYSTEM.
12. SPACE HANGERS NOT MORE THAN 4'-0" O.C. ALONG EACH MEMBER, AND PROVIDE HANGERS NOT MORE THAN 8 INCHES FROM ENDS OF EACH MEMBER.
13. INSTALL EDGE MOLDINGS AT PERIMETER OF ACOUSTICAL CEILING AREA AND WHERE NECESSARY TO CONCEAL EDGES OF ACOUSTICAL UNITS.
14. INSTALL ACOUSTICAL PANELS IN COORDINATION WITH SUSPENSION SYSTEM, WITH EDGES CONCEALED BY SUPPORT OF SUSPENSION MEMBERS. SCRIBE AND CUT PANELS TO FIT ACCURATELY AT BORDERS AND AT PENETRATIONS.

SECTION 09 6119 - MOISTURE FLOOR TREATMENT

1. PRODUCT DATA: SUBMIT COPIES OF MANUFACTURERS' TECHNICAL LITERATURE.
2. EPOXY-BASED MOISTURE FLOOR TREATMENT: HIGH-PERFORMANCE, NON-FLAMMABLE, RAPID DRYING, WATER BASED, LOW ODOR, LOW VOC, TWO-COMPONENT, PENETRATING EPOXY; FORMULATED TO REDUCE MOISTURE VAPOR TRANSMISSION AND SURFACE ALKALINITY FROM CONCRETE SUBSTRATES PRIOR TO INSTALLATION OF IMPERVIOUS GLUED-DOWN FINISH FLOORING SPECIFIED IN OTHER DIVISION 09 SECTIONS.
 - PRODUCT STANDARD: BOSTIK; EMC.
3. EXAMINE SURFACES TO RECEIVE MOISTURE FLOOR TREATMENT AND CONDITIONS UNDER WHICH WORK WILL BE INSTALLED. DO NOT PROCEED UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
4. PREPARE, APPLY, AND FINISH MOISTURE FLOOR TREATMENT ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

SECTION 09 6500 - RESILIENT FLOORING

1. SUBMITTALS: PRODUCT DATA, FOR EACH TYPE, COLOR, AND PATTERN OF RESILIENT FLOOR TILE.
2. FIRE PERFORMANCE CHARACTERISTICS: CRITICAL RADIANT FLUX: 0.45 WATTS PER SQ. CM OR MORE PER ASTM E 648. SMOKE DENSITY: LESS THAN 450 PER ASTM E 662.
3. VINYL COMPOSITION FLOOR TILE: ASTM F 1066, CLASS 2, THROUGH-PATTERN TILE, 12 INCHES X 12 INCHES X 1/8 INCH.
 - MANUFACTURER:
 - STYLE:
 - COLOR:
4. SHEET VINYL FLOOR COVERINGS: PRODUCTS COMPLYING WITH ASTM F 1303, TYPE II, GRADE 1, BACKED AND UNBACKED AS SELECTED, CLASS A IF BACKED.
 - MANUFACTURER:
 - STYLE:
 - COLOR:
5. RESILIENT BASE: FS SS-W-40, TYPE 1, 0.125 INCH THICK.
 - MATERIAL: RUBBER
 - HEIGHT: 2-1/2"
 - TYPE: COVED
 - COLOR SELECTION:
6. CONCRETE SLAB PRIMER: NONSTAINING TYPE RECOMMENDED BY FLOORING MANUFACTURER.
7. TROWELABLE UNDERLAYMENTS AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND-CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY FLOORING MANUFACTURER FOR APPLICATIONS INDICATED.
8. ADHESIVES: WATER-RESISTANT TYPE RECOMMENDED BY FLOORING MANUFACTURER TO SUIT RESILIENT FLOOR PRODUCTS AND SUBSTRATE CONDITIONS INDICATED.
 - VOC LIMIT: 50 G/L.
9. EXAMINE AREAS TO VERIFY THAT SUBSTRATES AND CONDITIONS ARE SATISFACTORY FOR INSTALLATION AND COMPLY WITH MANUFACTURERS' REQUIREMENTS. VERIFY THAT CONCRETE SLABS COMPLY WITH ASTM F 710 BEFORE BEGINNING INSTALLATION.
10. MOISTURE TESTING: PERFORM EITHER ANHYDROUS CALCIUM CHLORIDE TEST (3 LB MAX) OR RELATIVE HUMIDITY TEST (75% MAX) ON SLAB PRIOR TO INSTALLATION. DO NOT PROCEED WITHOUT ACCEPTABLE TEST RESULTS ACCEPTABLE TO FLOORING MANUFACTURER. IF TEST RESULTS ARE UNSATISFACTORY, THEN INSTALL MOISTURE FLOOR TREATMENT (BOSTIK; EMC) ACCORDING TO MOISTURE FLOOR TREATMENT MANUFACTURER'S INSTRUCTIONS.
 - GRIND DOWN HIGH POINTS WITH SANDER.
 - FILL LOW POINTS WITH UNDERLAYMENT.
 - REMOVE COATINGS AND COMPOUNDS INCOMPATIBLE WITH ADHESIVES.
12. TILE INSTALLATION: COMPLY WITH TILE MANUFACTURER'S INSTALLATION DIRECTIONS AND OTHER REQUIREMENTS INDICATED.
 - LAY OUT TILES FROM ROOM CENTER LINES SO TILE WIDTHS AT OPPOSITE EDGES ARE EQUAL AND NOT LESS THAN ONE-HALF TILE.
 - MATCH TILES FOR COLOR AND PATTERN IN SAME SEQUENCE AS MANUFACTURED AND PACKAGED.
 - LAY TILES IN BASKET WEAVE PATTERN WITH GRAIN DIRECTION ALTERNATING BETWEEN ADJACENT TILES.
 - SCRIBE, CUT, AND FIT TILES TO BUTT TIGHTLY TO VERTICAL SURFACES, PERMANENT FIXTURES, BUILT-IN FURNITURE INCLUDING CABINETS, PIPES, OUTLETS, EDGING, THRESHOLDS, AND NOSINGS

- EXTEND TILES INTO TOE SPACES, DOOR REVEALS, CLOSETS, AND SIMILAR OPENINGS.
- HAND ROLL TILES WHERE REQUIRED BY TILE MANUFACTURER.
- 13. SHEET VINYL INSTALLATION: COMPLY WITH MANUFACTURERS' INSTALLATION INSTRUCTIONS AND OTHER REQUIREMENTS INDICATED.
 - MAINTAIN UNIFORMITY OF SHEET VINYL FLOOR COVERING DIRECTION.
 - ARRANGE FOR MINIMUM NUMBER OF SEAMS AND PLACE IN INCONSPICUOUS AND LOW-TRAFFIC AREAS.
 - AVOID CROSS SEAMS.
 - MATCH EDGES OF FLOOR COVERING FOR COLOR SHADING AND PATTERN AT SEAMS. CHEMICALLY BOND SEAMS.
 - COVE SHEET VINYL UP VERTICAL SURFACES TO FORM 6 INCH INTEGRAL BASE OVER COVE SUPPORT STRIP WITH TOP EDGE COVERED BY CAP MOLDING. SEAM INSIDE AND OUTSIDE CORNERS.
 - HAND ROLL SHEET VINYL FLOOR COVERINGS IN BOTH DIRECTIONS FROM CENTER OUT TO EMBED FLOOR COVERINGS IN ADHESIVE AND ELIMINATE TRAPPED AIR.
 - INSTALL REDUCER STRIPS WHERE FLOORING TERMINATES

SECTION 09 6800 - CARPETING

1. SUBMITTALS: PRODUCT DATA FOR EACH TYPE OF CARPET AND CARPET ACCESSORY.
2. FIRE-TEST-RESPONSE CHARACTERISTICS:
 - CRITICAL RADIANT FLUX (PER ASTM E 648): CLASS I (MINIMUM 0.45 WATTS PER SQUARE CENTIMETER).
 - FLAME SPREAD: 25 OR LESS PER ASTM E 84.
 - SMOKE DENSITY: 450 OR LESS PER ASTM E 662.
3. EMISSIONS: PROVIDE CARPET THAT COMPLIES WITH TESTING AND PRODUCT REQUIREMENTS OF CRI'S "GREEN LABEL PLUS" PROGRAM.
4. CARPET ALLOWANCE: INCLUDE ALLOWANCE OF 20,00 PER SQ. YD. FOR THE PURCHASE OF CARPET. INCLUDE WASTE IN CALCULATING CARPET QUANTITIES. NO EXTRA WILL BE ALLOWED FOR WASTE OR OVERAGE ON MATERIAL. INSTALLATION OR ACCESSORIES ARE NOT INCLUDED IN ALLOWANCE.
5. SHEET CARPETING:
 - MANUFACTURER:
 - PILE: CUT
 - YARN WEIGHT: 28 OZ./SQ.YD.
 - COLOR:
6. TILE CARPETING:
 - MANUFACTURER:
 - PILE: CUT
 - YARN WEIGHT: 28 OZ./SQ.YD.
 - SIZE: 18 IN. X 18 IN.
 - COLOR:
7. CUSHION: OLIN CORPORATION "OMALON," SPEC 2, .265 THICKNESS, 4.0 LBS./CU. FT. ASTM E 84 FLAME SPREAD LESS THAN 75.
8. TACKLESS STRIPPING: WATER-RESISTANT PLYWOOD STRIPS, WITH ANGULAR PINS, DESIGNED TO GRIP AND HOLD STRETCHED CARPET AT BACKING.
9. CARPET EDGE GUARD FOR STRETCH-IN: ANODIZED ALUMINUM WITH 5/8 INCH WIDE FOLD-DOWN EDGE WITH CONCEALED GRIPPER TEETH; MINIMUM 1-1/2-INCH-WIDE PUNCHED ANCHORAGE FLANGE; HAMMERED TEXTURE FINISH.
10. CARPET EDGE GUARD FOR GLUE DOWN: EXTRUDED OR MOLDED HEAVY-DUTY VINYL OR RUBBER; MINIMUM 2-INCH-WIDE ANCHORAGE FLANGE; MANUFACTURER'S STANDARD COLORS.
11. CONCRETE-SLAB PRIMER: NONSTAINING TYPE RECOMMENDED BY THE CARPET MANUFACTURER.
12. CARPET ADHESIVE: WATER-RESISTANT, MILDEW-RESISTANT, NONSTAINING TYPE TO SUIT PRODUCTS AND SUBFLOOR CONDITIONS AND TO COMPLY WITH FLAMMABILITY REQUIREMENTS, RECOMMENDED BY THE CARPET MANUFACTURER.
 - VOC LIMIT: 50 G/L.
13. SEAMING CEMENT: HOT-MELT ADHESIVE TAPE RECOMMENDED BY CARPET MANUFACTURER.
14. MOISTURE TESTING: PERFORM EITHER ANHYDROUS CALCIUM CHLORIDE TEST (3 LB MAX) OR RELATIVE HUMIDITY TEST (75% MAX) ON SLAB PRIOR TO INSTALLATION. DO NOT PROCEED WITHOUT ACCEPTABLE TEST RESULTS ACCEPTABLE TO FLOORING MANUFACTURER. IF TEST RESULTS ARE UNSATISFACTORY, THEN INSTALL MOISTURE FLOOR TREATMENT (BOSTIK; EMC) ACCORDING TO MOISTURE FLOOR TREATMENT MANUFACTURERS' INSTRUCTIONS.
15. LEVEL SUBFLOOR WITHIN 1/4 INCH IN 10 FEET (6 MM IN 3 M), NONCUMULATIVE, IN ALL DIRECTIONS. USE LEVELING AND PATCHING COMPOUNDS TO FILL CRACKS, HOLES, AND DEPRESSIONS IN SUBFLOOR AS RECOMMENDED BY THE CARPET MANUFACTURER.
16. REMOVE SUBFLOOR COATINGS, INCLUDING CURING COMPOUNDS, AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH ADHESIVES.
17. BROOM OR VACUUM CLEAN SUBFLOORS TO BE COVERED WITH CARPET. FOLLOWING CLEANING, EXAMINE SUBFLOORS FOR MOISTURE, ALKALINE SALTS, CARBONATION, OR DUST.
18. APPLY CONCRETE-SLAB PRIMER, ACCORDING TO MANUFACTURER'S DIRECTIONS, WHERE RECOMMENDED BY THE CARPET MANUFACTURER.
19. INSTALLATION; SHEET CARPETING:
 - DIRECT GLUE-DOWN: CRI 104, SECTION 8 "DIRECT GLUE-DOWN."
 - STRETCH-IN: CRI 104, SECTION 11 "STRETCH-IN UTILIZING TACKLESS STRIP."
20. INSTALLATION; TILE CARPETING:
 - COMPLY WITH CRI 104, SECTION 13: "CARPET MODULES (TILES)" AND MANUFACTURER OF CARPET TILE RECOMMENDATIONS.
21. COMPLY WITH CARPET MANUFACTURERS' RECOMMENDATIONS FOR SEAM LOCATIONS AND DIRECTION OF CARPET; MAINTAIN UNIFORMITY OF CARPET DIRECTION AND LAY OF PILE. AT DOORWAYS, CENTER SEAMS UNDER DOOR IN CLOSED POSITION. BIND OR SEAL CUT EDGES AS RECOMMENDED BY CARPET MANUFACTURER.

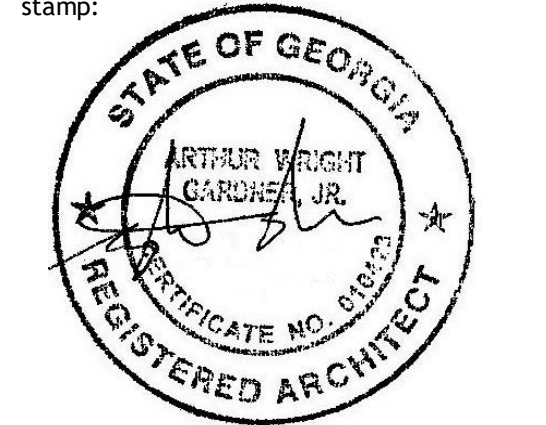


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revisions

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SECTION 09 7200 - WALL COVERINGS

- SUBMITTALS: PRODUCT DATA, SHOP DRAWINGS, FULL-WIDTH SAMPLE OF EACH WALL COVERING.
- FIRE PERFORMANCE CHARACTERISTICS: PROVIDE SURFACE BURNING CHARACTERISTICS AS DETERMINED BY ASTM E 84/NFPA 255/UL 723. IDENTIFY WALL COVERINGS WITH APPROPRIATE MARKINGS OF APPLICABLE TESTING AND INSPECTING ORGANIZATION.
 - VINYL WALL COVERING: FLAME SPREAD: 25 OR LESS. SMOKE DEVELOPED: 50 OR LESS.
 - TEXTILE WALL COVERING: FLAME SPREAD: 75 OR LESS. SMOKE DEVELOPED: 450 OR LESS
- VINYL WALL COVERING: PROVIDE INTEGRALLY PIGMENTED, OPAQUE VIRGIN VINYL CALENDARED FILM VINYL WALL COVERING MATERIAL TREATED WITH MILDEW AND ANTIMICROBIAL ADDITIVES AND LAMINATED TO SUITABLE BACKING. COMPLY WITH FS CCC-W-408A, TYPE II CLASS 1, AND CFFA W-101A.
 - MANUFACTURER:
 - STYLE:
 - COLOR SELECTION:
- TEXTILE WALL COVERINGS: PROVIDE TEXTILE WALL FABRIC AFFIXED TO SUITABLE BACKING, AND COMPLYING WITH REQUIREMENTS OF ASTM F 793, CATEGORY III, DECORATIVE WITH MEDIUM SERVICEABILITY. PROVIDE MATERIAL WHICH HAS BEEN TREATED FOR STAIN AND MILDEW RESISTANCE.
 - MANUFACTURER:
 - STYLE:
 - COLOR SELECTION:
- ADHESIVES: MANUFACTURER'S STANDARD FOR USE WITH SPECIFIC WALL COVERING AND SUBSTRATE APPLICATION. MILDEW-RESISTANT, NONSTAINING, STRIPPABLE, AND IN COMPLIANCE WITH LOCAL APPLICABLE VOC REGULATIONS.
- FOLLOW MANUFACTURER'S PRINTED INSTRUCTIONS FOR SURFACE PREPARATION. PREPARE SUBSTRATES TO ACHIEVE A SMOOTH, DRY, CLEAN SURFACE FREE OF FLAKING, UNSOUND COATINGS, CRACKS, AND DEFECTS.
- CHECK PAINTED SURFACES FOR PIGMENT BLEEDING AND TREAT SUSCEPTIBLE AREAS. SAND GLOSS, SEMI- GLOSS, AND EGGSHELL FINISHES WITH FINE SANDPAPER.
- FOLLOW MANUFACTURER'S PRINTED INSTRUCTIONS FOR INSTALLATION. INSTALL WALL COVERING WITH NO GAPS OR OVERLAPS. MATCH PATTERNS AND SHADING VARIATIONS.
- INSTALL BUTT SEAMS VERTICAL AND PLUMB AT LEAST 6 INCHES FROM OUTSIDE CORNERS AND 3 INCHES FROM INSIDE CORNERS. NO HORIZONTAL SEAMS.
- REMOVE AIR BUBBLES, WRINKLES, BLISTERS, AND OTHER DEFECTS. TRIM EDGES FOR COLOR UNIFORMITY, PATTERN MATCH, AND TIGHT CLOSURE AT SEAMS.

SECTION 09 9100 - PAINTING

- PAINT EXPOSED SURFACES EXCEPT WHERE A SURFACE OR MATERIAL IS SPECIFICALLY INDICATED NOT TO BE PAINTED. WHERE AN ITEM OR SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE SAME AS SIMILAR ADJACENT MATERIALS OR SURFACES.
- SUBMITTALS: SUBMIT PRODUCT DATA FOR EACH PAINT SYSTEM SPECIFIED, INCLUDING PRIMERS.
- PAINT MATERIALS: PROVIDE BLOCK FILLERS, PRIMERS, FINISH COAT MATERIALS, AND RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND THE SUBSTRATES UNDER CONDITIONS OF SERVICE AND APPLICATION, AS RECOMMENDED BY THE MANUFACTURER.
 - LATEX PRIMER/SEALER: S-W; PROGREEN 200 LOW ODOR INTERIOR LATEX PRIMER.
 - FERROUS METAL PRIMER: S-W; PRO INDUSTRIAL PRO-CRYL UNIVERSAL ACRYLIC PRIMER.
 - FLAT PAINT: S-W; HARMONY INTERIOR ACRYLIC LATEX, FLAT.
 - EGGSHELL ENAMEL (OR SATIN): S-W; HARMONY INTERIOR ACRYLIC LATEX, SATIN.
 - SEMI-GLOSS ACRYLIC COATING: S-W; PROCLASSIC INTERIOR WATERBASED ACRYLIC-ALKYD, SEMIGLOSS.
- EXAMINATION: EXAMINE SUBSTRATES AND CONDITIONS UNDER WHICH PAINTING WILL BE PERFORMED FOR COMPLIANCE WITH REQUIREMENTS. DO NOT BEGIN APPLICATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- SURFACE PREPARATION: CLEAN AND PREPARE SURFACES TO BE PAINTED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS FOR EACH PARTICULAR SUBSTRATE CONDITION AND AS SPECIFIED.
- APPLICATION: APPLY PAINT ACCORDING TO MANUFACTURER'S DIRECTIONS. USE APPLICATORS AND TECHNIQUES BEST SUITED FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED. DO NOT PAINT OVER DIRT, RUST, SCALE, GREASE, MOISTURE, SCUFFED SURFACES, OR CONDITIONS DETRIMENTAL TO FORMATION OF A DURABLE PAINT FILM.
- MINIMUM COATING THICKNESS: APPLY MATERIALS AT THE MANUFACTURER'S RECOMMENDED SPREADING RATE. PROVIDE THE TOTAL DRY FILM THICKNESS OF THE ENTIRE SYSTEM AS RECOMMENDED BY THE MANUFACTURER.
- PAINT SCHEDULE: PROVIDE THE FOLLOWING PAINT SYSTEMS FOR THE VARIOUS SUBSTRATES INDICATED:
 - FERROUS METAL: METAL PRIMER, TWO COATS SEMI-GLOSS ACRYLIC COATING.
 - GYPSUM BOARD: EGGSHELL FINISH: LATEX PRIMER, TWO COATS EGGSHELL ENAMEL.
 - GYPSUM BOARD: SEMI-GLOSS FINISH: LATEX PRIMER, TWO COATS SEMI-GLOSS ENAMEL.
- FIRE AND SMOKE BARRIER IDENTIFICATION: CORRIDOR PARTITIONS, SMOKESTOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES AND FIRE WALLS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS, LABELS OR STENCILS IN A MANNER ACCEPTABLE TO AUTHORITY HAVING JURISDICTION.
 - IDENTIFICATION SHALL BE ABOVE DECORATIVE CEILING AND IN CONCEALED SPACES.

SECTION 10 2613 - WALL AND CORNER GUARDS

- SUBMITTALS: MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS. SHOP DRAWINGS FOR FABRICATION AND ERECTION INCLUDING ANCHORAGE DEVICES BUILT INTO OTHER WORK.
- CRASH RAIL: NOMINAL 8-INCH-HIGH BY 1-INCH-DEEP HEAVY DUTY ASSEMBLY WITH SNAP-ON PLASTIC COVER INSTALLED OVER CONTINUOUS ALUMINUM RETAINER AND REQUIRED ACCESSORIES. CONSTRUCTION SPECIALTIES INC., MODEL SCR-64.
- BUMPER RAIL: NOMINAL 4-INCH HIGH BY 1-INCH DEEP ASSEMBLY WITH SNAP-ON COVER INSTALLED OVER CONTINUOUS ALUMINUM RETAINER, AND REQUIRED ACCESSORIES. CONSTRUCTION SPECIALTIES INC., MODEL SCR-40.
- BUMPER RAIL HANDRAILS: ASSEMBLY WITH SNAPP-ON COVER OVER CONTINUOUS ALUMINUM RETAINER AND REQUIRED ACCESSORIES. CONSTRUCTION SPECIALTIES INC., MODEL HRB-4C.
- SURFACE-MOUNTED CORNER GUARDS: NOMINAL 3 INCH BY 3 INCH ASSEMBLY WITH SNAP-ON COVER OVER CONTINUOUS ALUMINUM RETAINER AND REQUIRED ACCESSORIES. CONSTRUCTION SPECIALTIES INC., MODEL SM-20.
- STAINLESS STEEL CORNER GUARDS: MANUFACTURER'S STANDARD PAPER-COVERED SATIN FINISH, 0.059-INCH (16 GAUGE) STAINLESS STEEL SHEET CORNER GUARDS. PROVIDE 90-DEGREE TURN, AND FORMED EDGES.
- 3-1/2-INCH BY 3-1/2-INCH WINGS, 4 FEET HIGH.
- SHEET WALL COVERING: 0.060 INCH THICK CHEMICAL AND STAIN RESISTANT, SEMIRIGID, EMBOSSED, FIBER BACKED, IMPACT RESISTANT PLASTIC SHEETS WITH CLASS I FIRE RATING. PROVIDE MATCHING MOLDINGS AND TRIM. CONSTRUCTION SPECIALTIES INC. "ACROVYNN

SECTION 10 4400 - FIRE PROTECTION SPECIALTIES

- SUBMITTALS: MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS. SHOP DRAWINGS FOR FABRICATION AND ERECTION INCLUDING ANCHORAGE DEVICES BUILT INTO OTHER WORK.
- FIRE EXTINGUISHER/CABINETS:
 - FIRE EXTINGUISHER: J.L. INDUSTRIES "COSMIC 5E," 2A-10BC UL RATING, 5 LB. CAPACITY, DRY CHEMICAL.
 - CABINET: J.L. INDUSTRIES "AMBASSADOR" 1015V10 RECESSED WITH FLAT TRIM.

SECTION 10 4400 - FIRE PROTECTION SPECIALTIES

- SUBMITTALS: MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS. SHOP DRAWINGS FOR FABRICATION AND ERECTION INCLUDING ANCHORAGE DEVICES BUILT INTO OTHER WORK.
- FIRE EXTINGUISHER/CABINETS:
 - FIRE EXTINGUISHER: J.L. INDUSTRIES "COSMIC 5E," 2A-10BC UL RATING, 5 LB. CAPACITY, DRY CHEMICAL.
 - CABINET: J.L. INDUSTRIES "AMBASSADOR" 1015V10 RECESSED WITH FLAT TRIM.

SECTION 12 2113 - HORIZONTAL LOUVER BLINDS

- SUBMITTALS: MANUFACTURER'S PRODUCT DATA AND INSTALLATION INSTRUCTIONS. SHOP DRAWINGS FOR FABRICATION AND ERECTION INCLUDING ANCHORAGE DEVICES BUILT INTO OTHER WORK.
- HORIZONTAL LOUVERED BLINDS:
 - MANUFACTURER: LEVELOR CORP.
 - MODEL: RIVIERA 1" BLIND
 - LOUVERS: ALUMINUM WITH BAKED ENAMEL FINISH.
 - OPERATION: MANUAL WITH WAND.

SECTION 12 2413 - ROLLER WINDOW SHADES

- PRODUCT DATA: INCLUDE STYLES, MATERIAL DESCRIPTIONS, CONSTRUCTION DETAILS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, FEATURES, FINISHES, AND OPERATING INSTRUCTIONS.
- SPECIAL WARRANTY: PROVIDE MANUFACTURER'S STANDARD WRITTEN WARRANTY AGREEING TO REPAIR OR REPLACE COMPONENTS OF THE ROLLER SHADES THAT FAIL IN MATERIAL OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD. FABRIC FAILURE INCLUDES DETERIORATION, SAG, WARP, FADE OR WILL NOT REMAIN FIT FOR USE.
 - MANUAL OPERATING COMPONENTS: 10 YEARS.
 - SHADE CLOTH: 10 YEARS.
 - MOTORS AND ELECTRONIC COMPONENTS: 5 YEARS.
- SHADE BAND MATERIAL: PVC-COATED POLYESTER.
- ROLLERS: ELECTROGALVANIZED OR EPOXY PRIMED STEEL OR EXTRUDED-ALUMINUM TUBE OF DIAMETER AND WALL THICKNESS REQUIRED TO SUPPORT AND FIT INTERNAL COMPONENTS OF OPERATING SYSTEM AND THE WEIGHT AND WIDTH OF SHADE BAND MATERIAL WITHOUT SAGGING; DESIGNED TO BE EASILY REMOVABLE FROM SUPPORT BRACKETS; WITH MANUFACTURER'S STANDARD METHOD FOR ATTACHING SHADE MATERIAL.
- FASCIA: L-SHAPED, EXTRUDED ALUMINUM; CONTINUOUS PANEL CONCEALING FRONT AND BOTTOM OF SHADE ROLLER, BRACKETS, AND OPERATING HARDWARE AND OPERATORS; REMOVABLE DESIGN FOR ACCESS.
- EXPOSED POCKET-STYLE HEADBOX: U-SHAPED, EXTRUDED ALUMINUM; WITH A BOTTOM COVER CONSISTING OF SLOT OPENING OF MINIMUM DIMENSION TO ALLOW LOWERING AND RAISING OF SHADE AND A REMOVABLE OR OPENABLE, CONTINUOUS ACCESS PANEL CONCEALING SHADE ROLLER, BRACKETS, AND OPERATING HARDWARE AND OPERATORS WITHIN.
- CONCEALED POCKET ABOVE CEILING: SIX-SIDED BOX UNITS FOR RECESSED INSTALLATION; FABRICATED FROM FORMED-STEEL SHEET OR EXTRUDED ALUMINUM, WITH A BOTTOM CONSISTING OF SLOT OPENING OF MINIMUM DIMENSION TO ALLOW LOWERING AND RAISING OF SHADE AND A REMOVABLE OR OPENABLE, CONTINUOUS EXTRUDED ALUMINUM ACCESS PANEL CONCEALING ROLLERS, BRACKETS, AND OPERATING HARDWARE AND OPERATORS WITHIN.

- BOTTOM BAR: STEEL OR EXTRUDED ALUMINUM, WITH PLASTIC OR METAL CAPPED ENDS. PROVIDE EXPOSED-TO- VIEW, EXTERNAL-TYPE BOTTOM BAR WITH CONCEALED WEIGHT BAR AS REQUIRED FOR SMOOTH, PROPERLY BALANCED SHADE OPERATION.
- AUDIOVISUAL LIGHT-BLOCKING SHADES: DESIGNED FOR ELIMINATING ALL VISIBLE LIGHT GAPS WHEN SHADES ARE FULLY CLOSED; FABRICATED FROM BLACKOUT SHADE BAND MATERIAL WITH BOTTOM BAR EXTENDED AND FORMED FOR LIGHT-TIGHT JOINTS AMONG SHADE COMPONENTS AND BETWEEN SHADE COMPONENTS AND ADJACENT CONSTRUCTION.
 - SILL CHANNEL OR ANGLE, AND PERIMETER SEALS: MANUFACTURER'S STANDARD DESIGN FOR ELIMINATING LIGHT GAPS WHEN SHADES ARE CLOSED.
 - SHADE BAND RETENTION SYSTEM: MANUFACTURER'S STANDARD DESIGN FOR GUIDING SHADE BAND MATERIAL THROUGH RANGE OF TRAVEL AND HOLDING SHADE BAND FLAT WITH EDGES OF MATERIAL WITHIN SIDE CHANNELS.
 - COMBINE SHADE ROLLER IN SAME POCKET OR BEHIND FASCIA OF STANDARD WINDOW SHADE.
- SHADE OPERATION: MOTORIZED OPERATOR.
- SHADE OPERATION: MANUAL WITH CONTINUOUS LOOP BEAD CHAIN LIFT OPERATOR.
 - CLUTCH: CAPACITY TO LIFT SIZE AND WEIGHT OF SHADE; SIZED TO FIT ROLLER OR PROVIDE ADAPTOR.
 - LOOP LENGTH: LENGTH REQUIRED TO MAKE OPERATION CONVENIENT FROM FLOOR LEVEL.
 - BEAD CHAIN: STAINLESS STEEL.
 - OPERATING FUNCTION: STOP AND HOLD SHADE AT ANY POSITION IN ASCENDING OR DESCENDING TRAVEL.
- EXAMINATION: EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES, OPERATIONAL CLEARANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED IN A MANNER ACCEPTABLE TO INSTALLER. STARTING WORK WITHIN A PARTICULAR AREA WILL BE CONSTRUED AS APPLICATOR'S ACCEPTANCE OF SURFACE CONDITIONS.
- INSTALLATION: INSTALL ROLLER SHADES LEVEL, PLUMB, SQUARE, AND TRUE ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, AND LOCATED SO SHADE BAND IS NOT CLOSER THAN 2 INCHES TO INTERIOR FACE OF GLASS. SET SHADES TO STOP 1-1/2 INCHES ABOVE SILL.

SECTION 12 3661 - SIMULATED STONE COUNTERTOPS

- SUBMIT MANUFACTURER'S TECHNICAL LITERATURE FOR EACH PRODUCT AND SYSTEM INDICATED.
- SUBMIT COMPLETE FABRICATION DETAILS AND INSTALLATION DRAWINGS.
- SHOW DETAILS, JOINTING, DIMENSIONS, SIZE AND LOCATIONS OF CUTOUTS, METHODS OF INSTALLATION AND SUPPORT, RELATION TO WORK OF OTHER TRADES, AND OTHER PERTINENT DATA AND INFORMATION.
- SUBMIT TWO 6 INCH X 6 INCH SAMPLES OF EACH COLOR/PATTERN/FINISH SPECIFIED.
 - SAMPLES SHALL REPRESENT THE COLORS, PATTERNS, TEXTURES AND FINISHES TO BE USED.
- WARRANTY: FURNISH MANUFACTURER'S STANDARD 10 YEAR WARRANTY.
- ACCEPTABLE SOLID SURFACING MANUFACTURERS:
 - AVONITE SURFACES.
 - E.I. DU PONT DE NEMOURS AND COMPANY.
 - FORMICA CORPORATION.
 - WILSONART INTERNATIONAL.
- SOLID SURFACING MATERIAL: HOMOGENEOUS SOLID SHEETS OF FILLED PLASTIC RESIN COMPLYING WITH ANSI S51, 1/2 INCH THICK
 - COLOR/PATTERN: AS SELECTED FROM MANUFACTURER'S COMPLETE COLOR CHOICES.
 - ACCESSORIES: PROVIDE ITEMS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
- PLYWOOD SUBTOP: EXTERIOR SOFTWOOD PLYWOOD, PS 1, GRADE C-C PLUGGED.
- ACCURATELY CUT HOLES AND DRILL COUNTERTOP PANELS AS NECESSARY TO RECEIVE, SOAP DISPENSERS AND OTHER ACCESSORIES. OBTAIN FIELD MEASUREMENTS PRIOR TO FABRICATION AND MAINTAIN MINIMUM CLEARANCE AT WALLS.
- EXAMINE AND VERIFY THAT RECEIVING SUBSTRATE SURFACES OF THE STRUCTURE HAVE NO DEFECTS OR ERRORS WHICH WOULD RESULT IN POOR OR POTENTIALLY DEFECTIVE APPLICATION OR CAUSE LATENT DEFECTS IN WORKMANSHIP.
- CORRECT ANY UNSATISFACTORY CONDITIONS. STARTING INSTALLATION SHALL IMPLY ACCEPTANCE OF SURFACES.
- INSTALL IN ACCORDANCE WITH MANUFACTURER'S LATEST PUBLISHED REQUIREMENTS, SPECIFICATIONS, DETAILS AND APPROVED SHOP DRAWINGS.
- CLEAN AND POLISH IN ACCORDANCE WITH CAST PLASTIC MANUFACTURER'S LATEST PUBLISHED SPECIFICATIONS.

SECTION 14 4200 - WHEELCHAIR LIFTS

- SUBMITTALS: SUBMIT PRODUCT DATA INDICATING PERFORMANCE CHARACTERISTICS, SHOP DRAWINGS, WIRING DIAGRAMS AND SAMPLES OF EXPOSED FINISHES.
- MANUFACTURERS QUALIFICATIONS: NOT LESS THAN 10 YEARS EXPERIENCE IN MANUFACTURING VERTICAL PLATFORM LIFTS.
- QUALITY STANDARDS: COMPLY WITH ASME A17.1, A18.1 AND A17.5.
 - ENCLOSED VERTICAL LIFT:
 - PRODUCT STANDARD: GRAVENTA LIFT - GVL-EN-42.
 - CAPACITY RATING: 750 POUNDS.
 - NOMINAL PLATFORM SIZE: 36 BY 54 INCHES.
 - MAXIMUM LIFTING HEIGHT: 45 INCHES.
 - PLATFORM CONFIGURATION: STRAIGHT THROUGH FRONT AND REAR ENTRY AND EXIT.
 - OPENING GATES: ALUMINUM FRAME WITH PLASTIC GLAZING AND STEEL KICK PLATES; 42 INCHES WIDE BY 42 INCHES HIGH; LOW-VOLTAGE POWERED GATE OPERATOR AT EACH LANDING, ADA COMPLIANT, OBSTRUCTION SENSITIVE

- LIFT COMPONENTS: EXTRUDED ALUMINUM LIFT TOWER; STEEL TUBING BASE FRAME; STEEL SHEET SIDE WALL PANELS.
- LEADSCREW DRIVE: SELF-LUBRICATING ASME SCREW DRIVE; TRAVEL SPEED OF 10 FEET PER MINUTE;
- 2.0 HP MOTOR; BATTERY POWERED PLATFORM LOWERING DEVICE THAT AUTOMATICALLY LOWERS LIFT TO LOWEST POSITION IN POWER FAILURE; INTEGRAL SAFETY NUT ASSEMBLY WITH SAFETY SWITCH.
- PLATFORM CONTROLS: LOW-VOLTAGE; KEYLESS OPERATION; CONSTANT PRESSURE ROCKER SWITCH DIRECTION CONTROL; ILLUMINATED EMERGENCY STOP SWITCH THAT SHUTS OFF POWER TO PLATFORM AND ACTIVATES AUDIO ALARM; ADA COMPLIANT EMERGENCY TELEPHONE.
- CALL STATION CONTROLS: LOW-VOLTAGE; KEYLESS OPERATION; WALL MOUNTED.

- FINISHES: SHOP FINISHED IN MANUFACTURERS STANDARD PAINT, COLOR AS SELECTED.

- INSTALLATION: COMPLY WITH QUALITY STANDARDS AND MANUFACTURERS INSTRUCTIONS; CONNECT TO POWER SUPPLY.
- ACCEPTANCE TESTING: PERFORM ACCORDING TO QUALITY STANDARDS AND AUTHORITIES HAVING JURISDICTION.

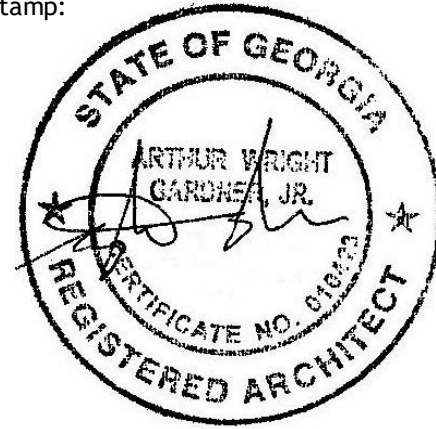
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sheet title:

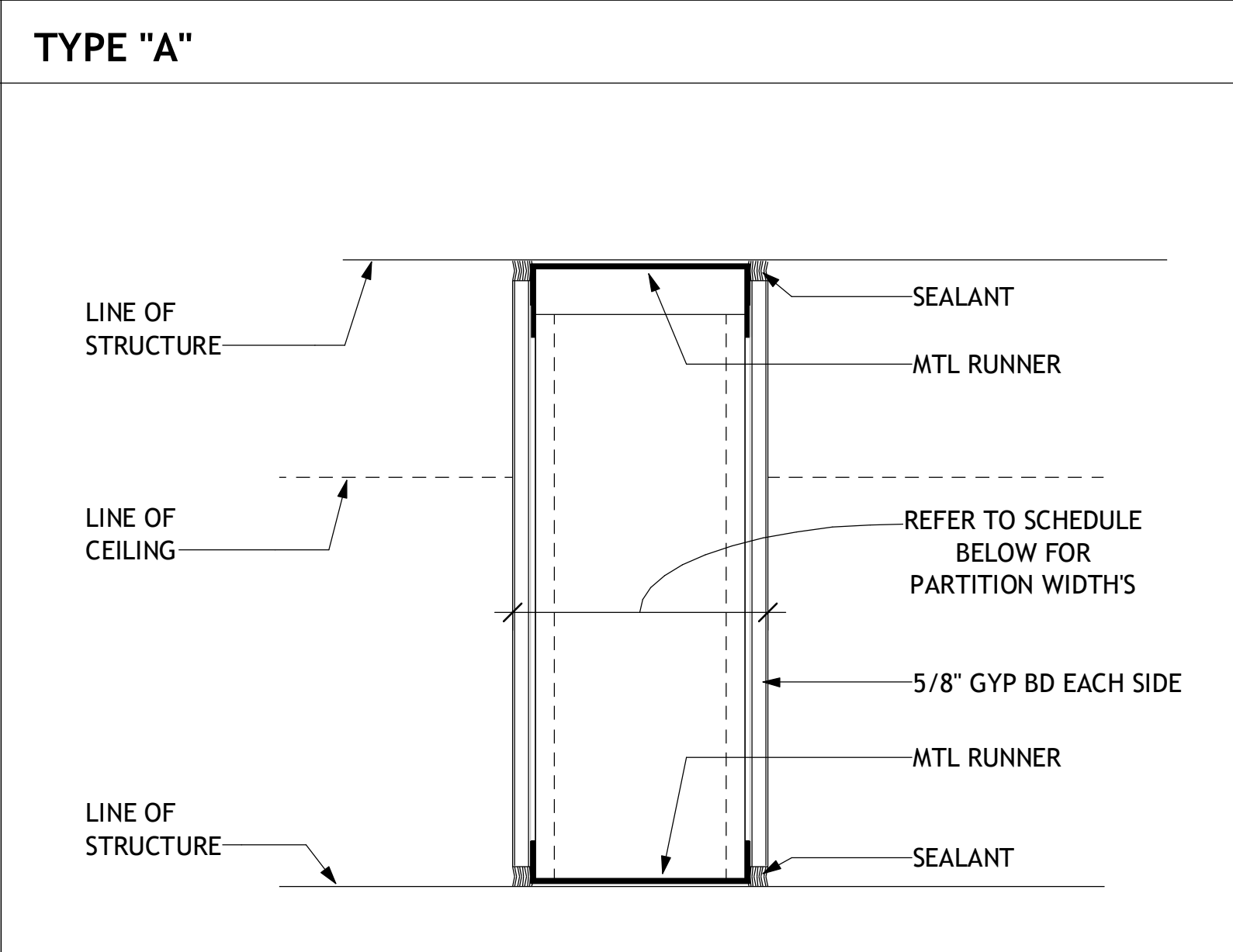
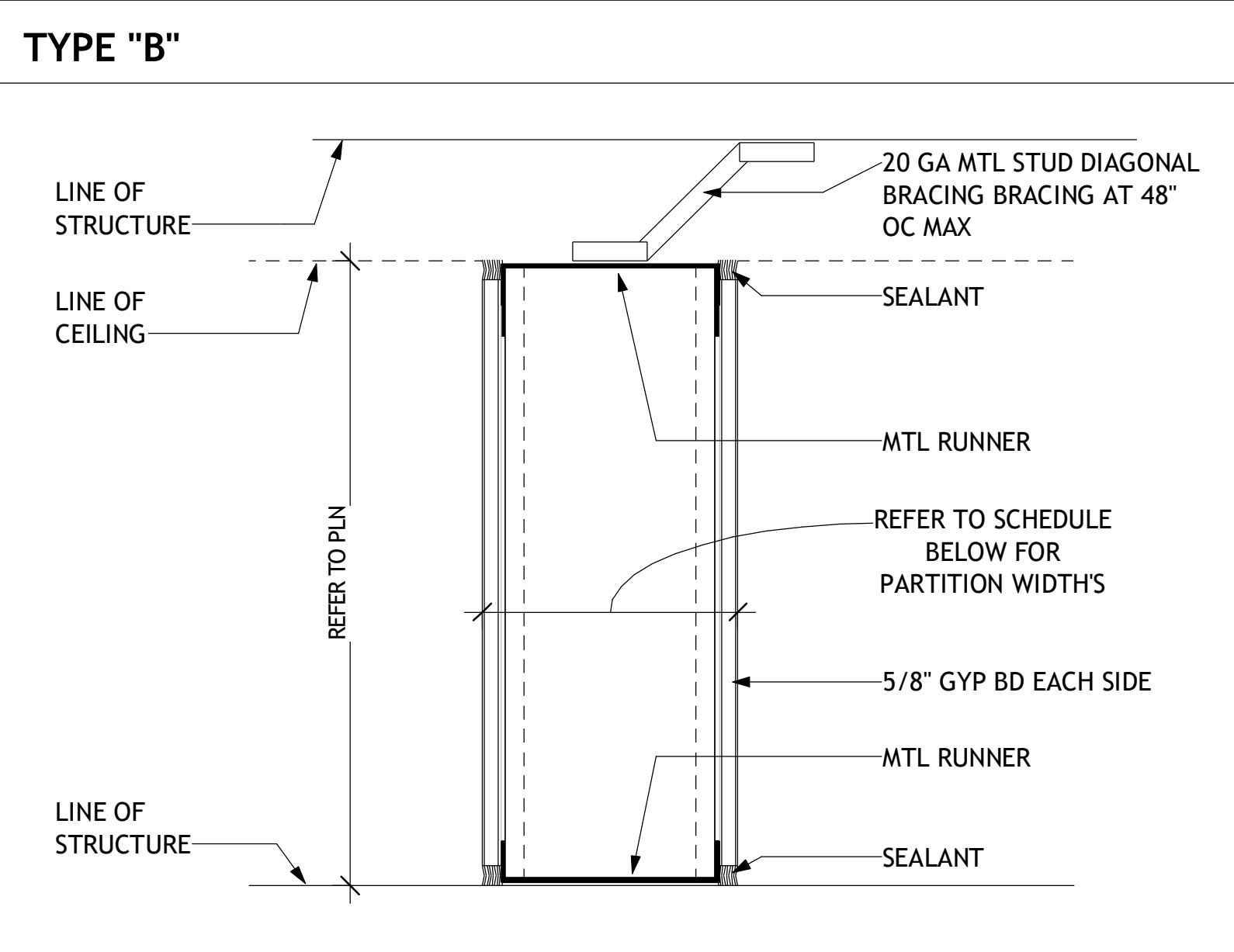
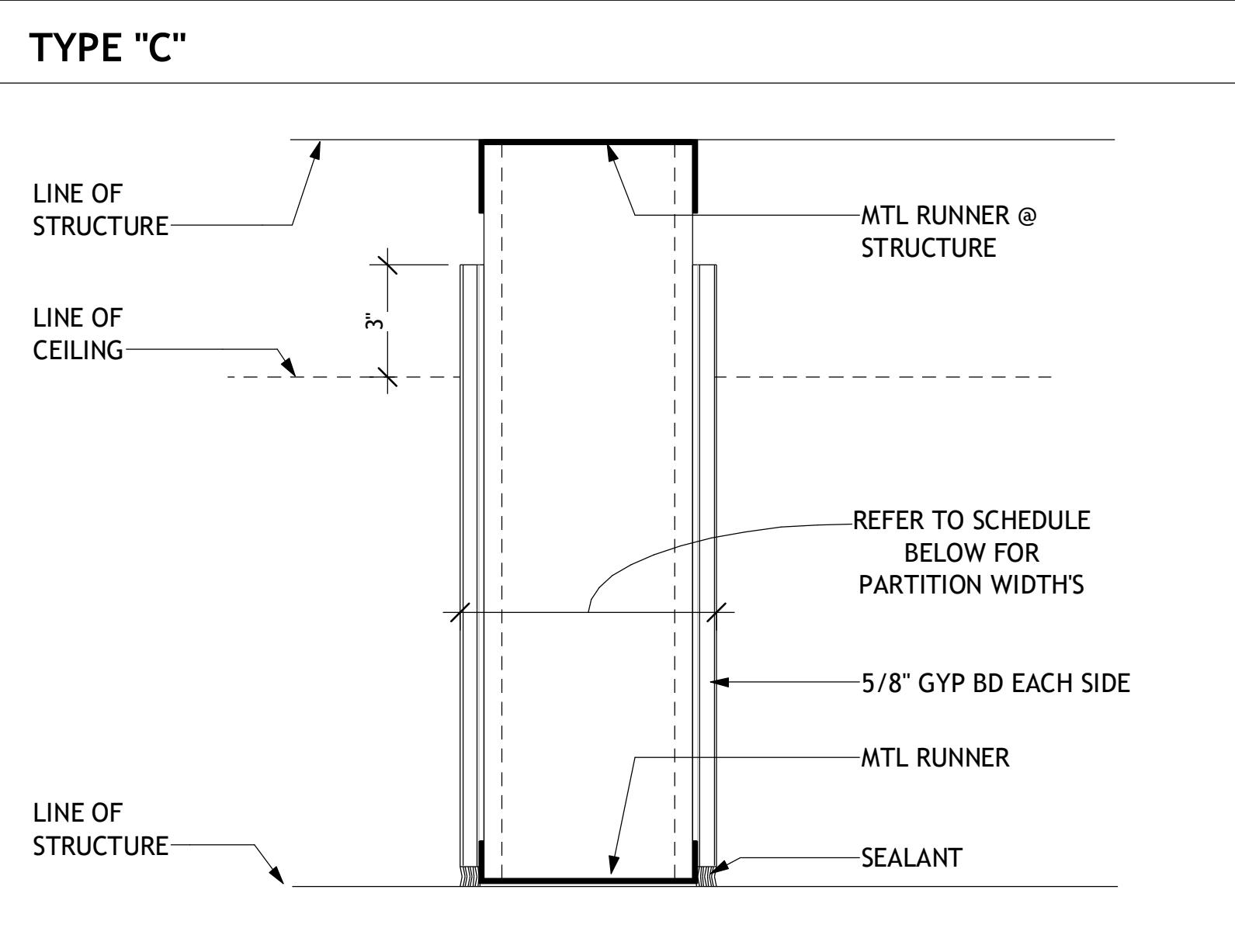
SPECIFICATIONS

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A0-06

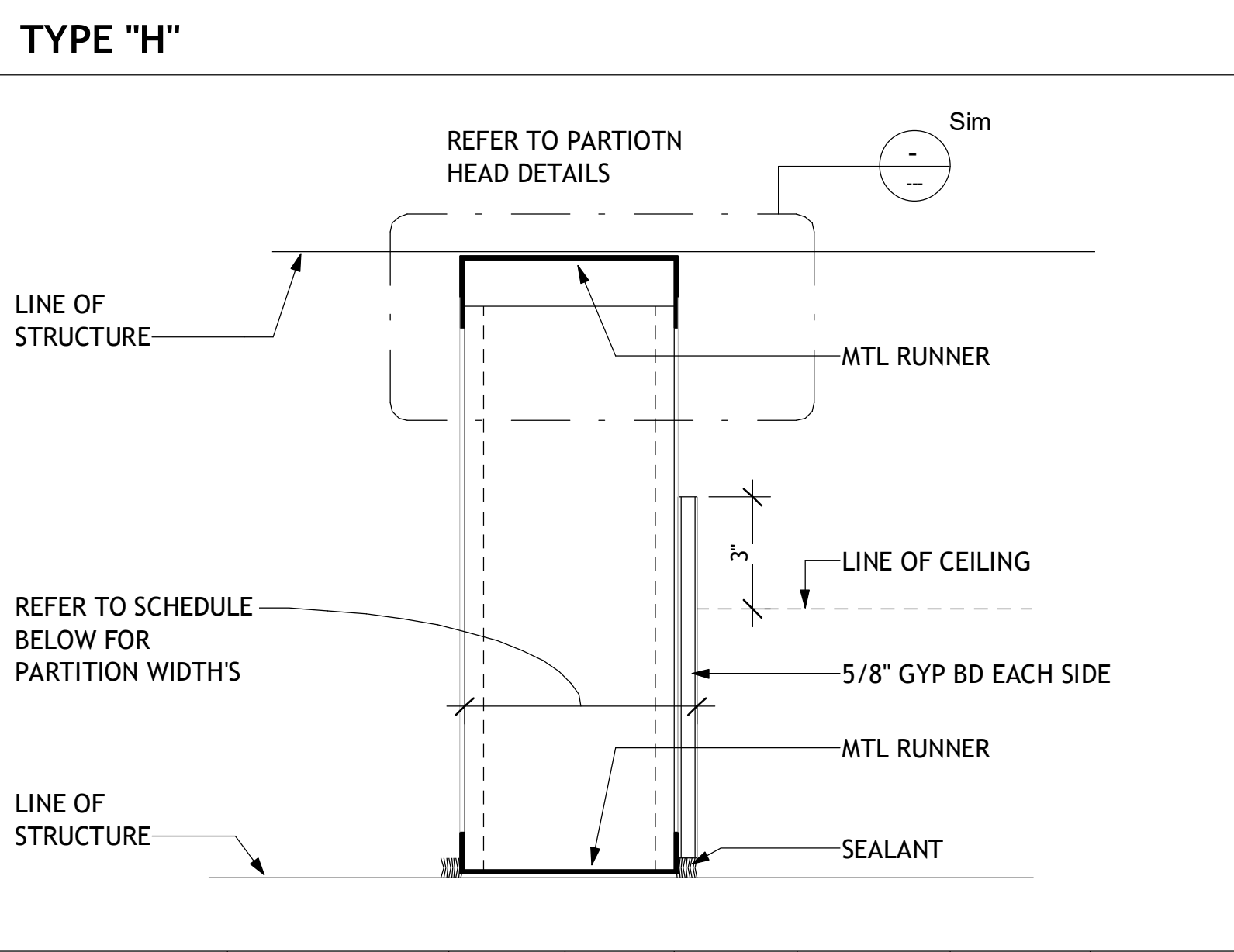
- NOT ISSUED FOR CONSTRUCTION
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FLOOR PLAN DESIGNATION NO SOUND ATTENUATION	FLOOR PLAN DESIGNATION WITH SOUND ATTENUATION	STUD SIZE	PART WIDTH	FIRE RATING	UL LISTING	SOUND TRANS CLASS	REMARKS
X3	N/A	3 5/8"	4 7/8"	NON-RATED	N/A	N/A	

FLOOR PLAN DESIGNATION NO SOUND ATTENUATION	FLOOR PLAN DESIGNATION WITH SOUND ATTENUATION	STUD SIZE	PART WIDTH	FIRE RATING	UL LISTING	SOUND TRANS CLASS	REMARKS
X3	N/A	3 5/8"	4 7/8"	NON-RATED	N/A	N/A	

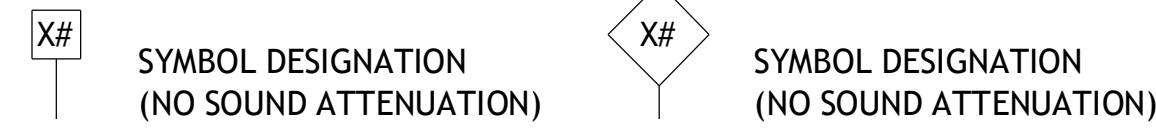
FLOOR PLAN DESIGNATION NO SOUND ATTENUATION	FLOOR PLAN DESIGNATION WITH SOUND ATTENUATION	STUD SIZE	PART WIDTH	FIRE RATING	UL LISTING	SOUND TRANS CLASS	REMARKS
A3	A3	3 5/8"	4 7/8"	NON-RATED	N/A	40 49 W/3" SAB	



FLOOR PLAN DESIGNATION NO SOUND ATTENUATION	FLOOR PLAN DESIGNATION WITH SOUND ATTENUATION	STUD SIZE	PART WIDTH	FIRE RATING	UL LISTING	SOUND TRANS CLASS	REMARKS
H2	N/A	2 1/2"	3 3/4"	NON-RATED	N/A	N/A	

NOTES:

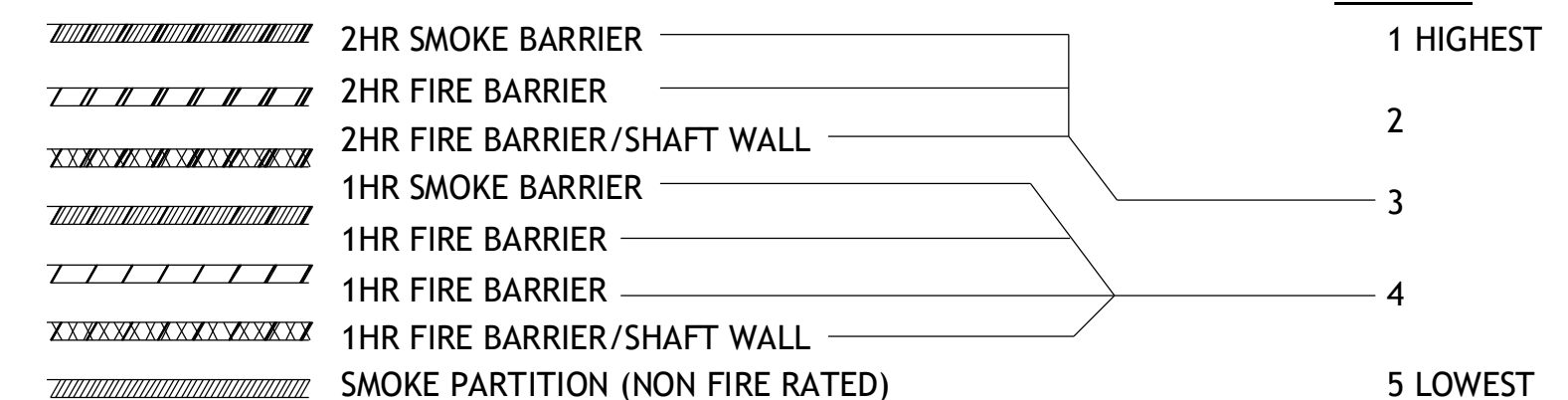
- PARTITIONS ARE DISTINGUISHED ON FLOOR PLANS BY SYMBOL DESIGNATION, GRAPHIC DESIGNATION OR A COMBINATION OF BOTH DESIGNATIONS.
- THERE ARE TWO TYPES OF SYMBOL DESIGNATIONS, ONE FOR PARTITIONS NOT REQUIRING SOUND ATTENUATION AND ANOTHER FOR PARTITIONS WHICH REQUIRE SOUND ATTENUATION. REFER TO PARTITION MATRICES FOR SOUND ATTENUATION BLANKET (SAB) MINIMUM THICKNESS FOR STC INDICATED.
- THERE ARE TWO SYMBOL DESIGNATION SYSTEMS USED. THE FIRST SYSTEM CONSISTS OF TWO AND THREE CHARACTERS, THE FIRST CHARACTER IS A LETTER INDICATING THE PARTITION TYPE. THE SECOND CHARACTER IS NUMERIC INDICATING THE STUD OR CMU WIDTH. REFER TO LEGEND. THIS SYSTEM IS USED TO DEFINE WALL TYPES: A, B, C, D, H.



NUMERIC CHARACTER	STUD WIDTH	CMU WIDTH
1	1 5/8"	
2	2 1/2"	
3	3 5/8"	
4	4"	3 5/8"
6	6"	5 5/8"
8		7 5/8"
12		8 5/8"

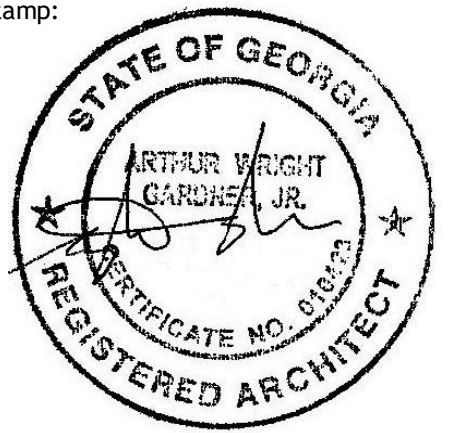
THE # CHARACTER BELOW THE LINE INDICATES THE HEIGHT OF THE SPECIFIC WALL COMPONENT. THE HEIGHT OF A SPECIFIC WALL COMPONENT. REFER TO THE LEGEND BELOW. THIS SYSTEM IS USED TO DEFINE WALL.

NUMERIC CHARACTER	CMU WIDTH
1	9'-4"
2	10'-8"
3	12'-8"
4	18'-8"
5	14'-0"



- IF NO SYMBOL DESIGNATION IS PROVIDED, THE STUD SIZE WILL BE 3 5/8".
- THE GRAPHIC DESIGNATION IS INCORPORATED FOR PARTITIONS REQUIRED TO BE SMOKE RESISTANT, FIRE RESISTANT, OR BOTH FIRE AND SMOKE RESISTANT. REFER TO NOTE 18.
- "LINE OF STRUCTURE" INDICATED FOR EACH PARTITION IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS OR GEOMETRY.
- ALL DIMENSIONS ARE FROM FACE OF GYPSUM BOARD TO FACE OF GYPSUM BOARD. REFER TO PARTITION MATRICES FOR PARTITION WIDTH DIMENSIONS UNLESS INDICATED TO BE SHOWN ON PLAN.
- SEALANT: (1) FIRE RESISTANCE RATED PARTITIONS SHALL USE RATED FIRE/SMOKE FIRE RESISTANT FILL MATERIAL IN CONJUNCTION WITH AN APPROPRIATE RATED FIRE/SMOKE FIRE STOPPING SYSTEM. (2) NON-RATED PARTITIONS AND NON-RATED SMOKE RESISTANT PARTITIONS SHALL USE ACOUSTICAL SEALANT.
- INSULATION: - HEAD CONDITIONS AT FLOOR/ROOF DECK (1) FIRE RESISTANCE RATED PARTITIONS SHALL USE MINERAL WOOL INSULATION. (2) NON-RATED PARTITIONS REQUIRING SOUND ATTENUATION SHALL USE SOUND ATTENUATION BLANKETS (SAB)
- REFER TO SPECIFICATIONS FOR MINIMUM STUD THICKNESS, MAXIMUM SPACING AND ALLOWABLE LIMITING HEIGHTS DEFLECTION CRITERIA FOR GYPSUM BOARD ASSEMBLIES.
- FOR PARTITIONS INDICATED TO RECEIVE SOUND ATTENUATION BLANKETS (SAB), EXTEND SAB TO FULL HEIGHT OF PARTITION UNLESS OTHERWISE INDICATED.
- FIRE RESISTANT AND FIRE RESISTANT SMOKE BARRIER RATINGS ARE TO SURROUND ALL OPENINGS IN RATED PARTITIONS.
- SMOKE RESISTANT, FIRE RESISTANT, AND FIRE RESISTANT SMOKE BARRIER PARTITIONS SHALL EXTEND AND SEAL TO INSIDE FACE OF EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH SOFFITS.
- EACH PARTITION SHOWN ON THE DRAWINGS TO HAVE A FIRE AND SMOKE RESISTANT RATING SHALL BE IDENTIFIED AS SUCH WITH A LABEL ABOVE THE CEILING ON EACH SEGMENT OF THE WALL AND 6'-0" OC MAX EACH SIDE.
- REFER TO THE METAL FABRICATIONS DETAILS FOR MF REFERENCES IN PARTITIONS SECTION.
- REFER TO STRUCTURAL DRAWINGS FOR REINFORCING INFORMATION.
- GRAPHIC DESIGNATION:

stamp:



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revisions

No.	Description	Date

sheet title:

**PARTITION
TYPES &
FRAMING**

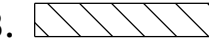
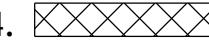
project number: 23-039
drawing date: 12-21-2023
scale: as noted

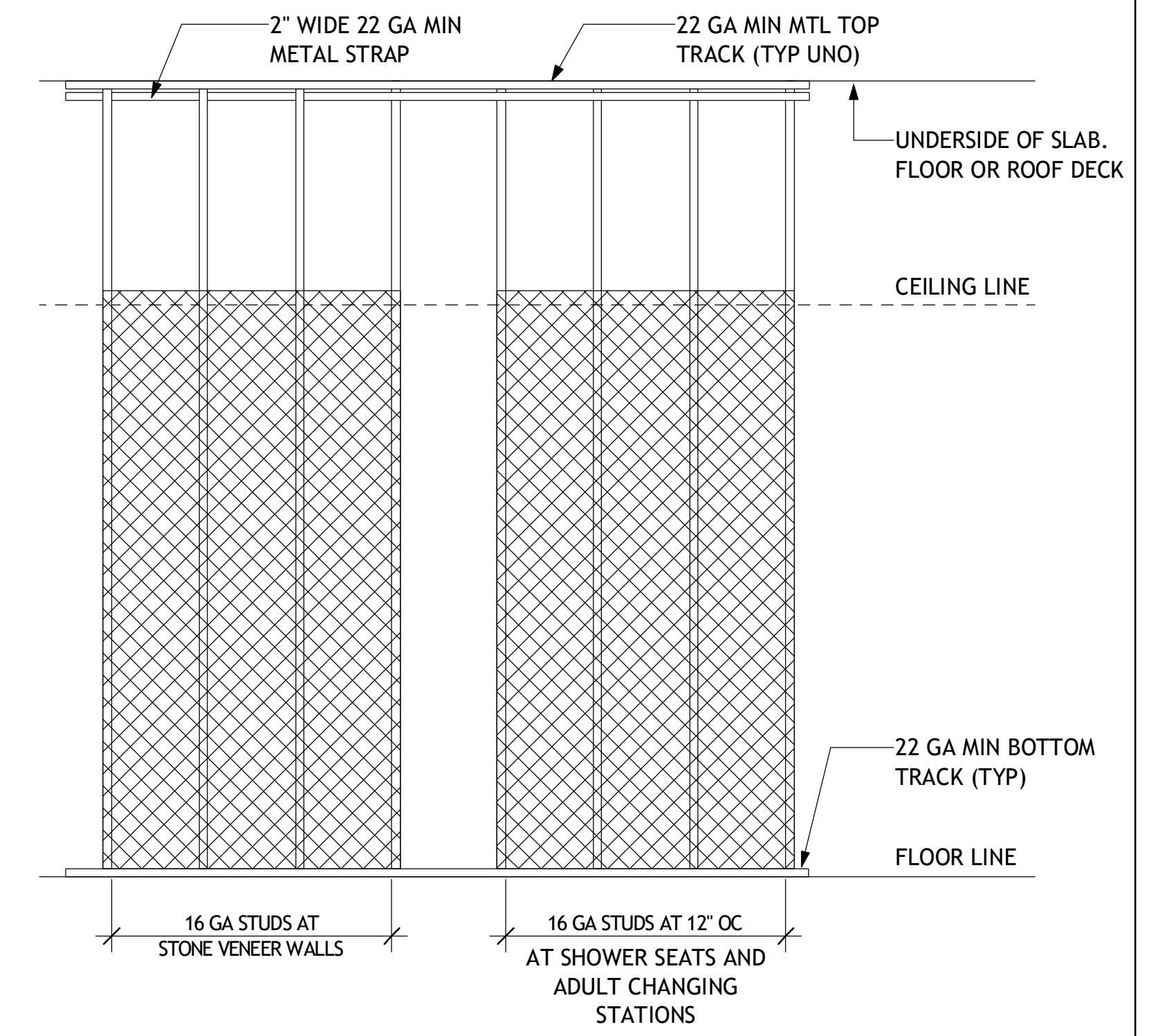
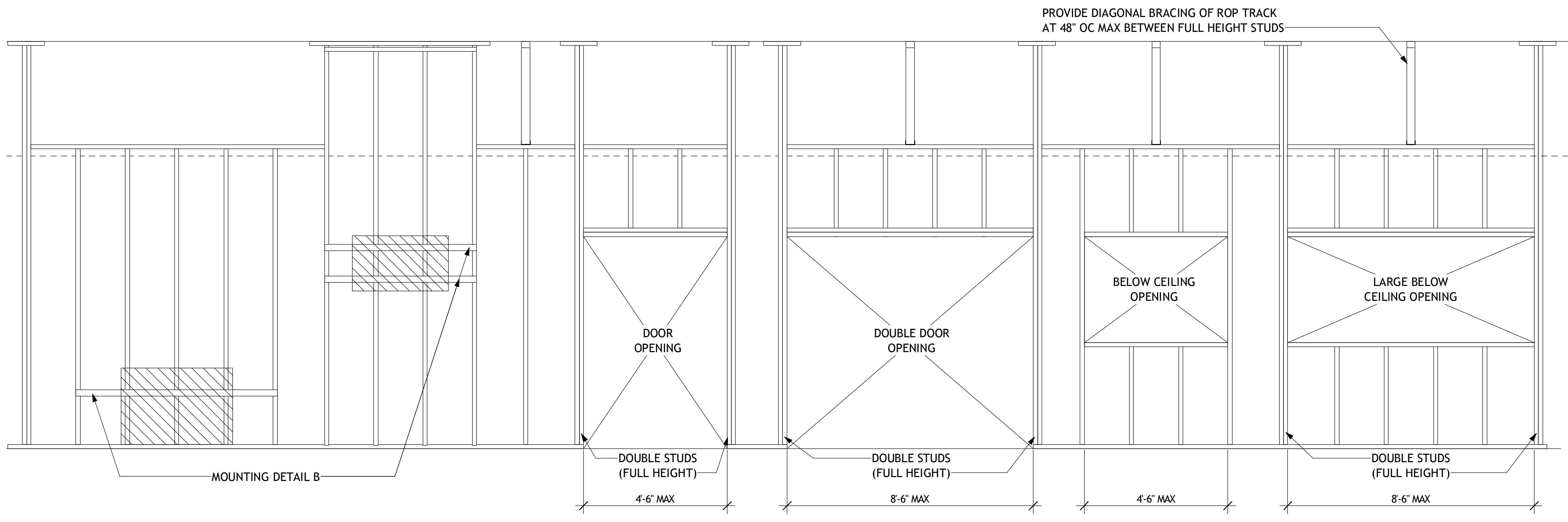
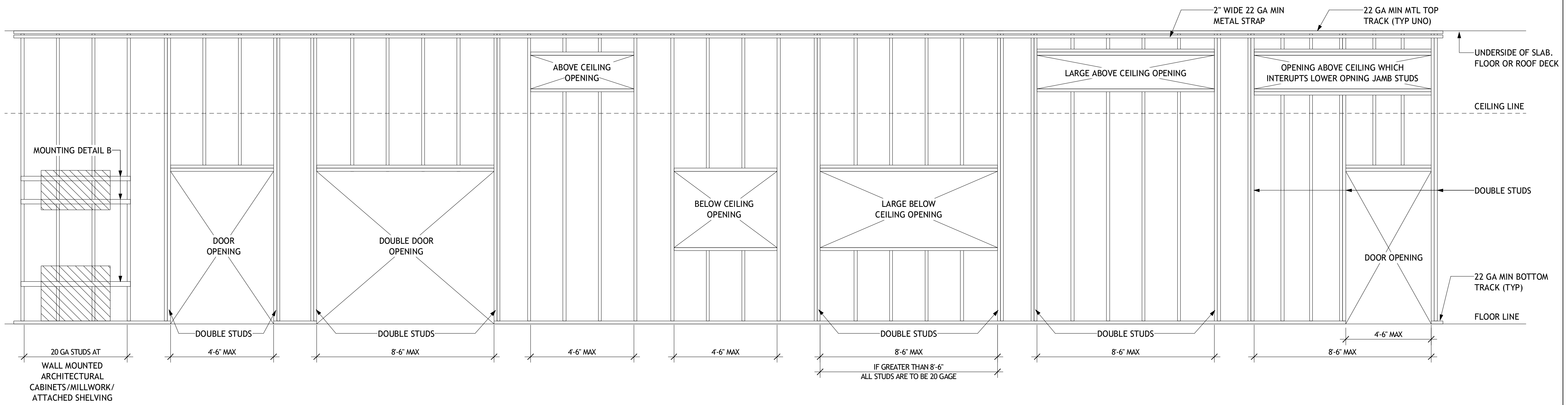
sheet number:

A0-07

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TYPICAL INTERIOR PARTITION FRAMING

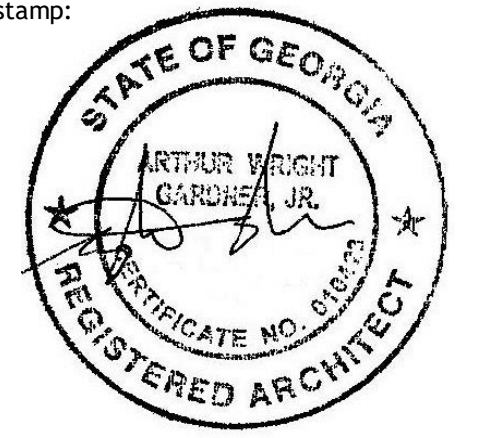
- NOTES**
1. ALL STUDS ARE SPACED 16" OC MAX.
 2. ALL STUDS SHALL BE "C" STUDS WITH 1/4" FLANGE MIN.
 3.  DENOTES SHELVING OR CABINETRY.
 4.  DENOTES STONE
 5. IN NO CASE SHALL DOUBLE STUDS AT SIDES OF OPENING BE CUT FOR DUCTWORK OR OTHER MECHANICAL SYSTEMS.
 6. AT LEAD LINED PARTITIONS STUDS SHOULD BE 20 GA.
 7. DO NOT CUT MORE THAN ONE STUD WEB TO ALLOW FOR HORIZONTAL PIPING PATH. PROVIDE STRAP AT WEB ABOVE AND BELOW PIPE IN ORDER TO RESTORE STUD INTEGRITY STRAP GAUGE TO MATCH STUD GAUGE MIN



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Atlanta, GA 30307
404-218-8460

**TUCKER CITY HALL
RENOVATION**
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Tucker, GA 30084

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No.	Description	Date

sheet title:

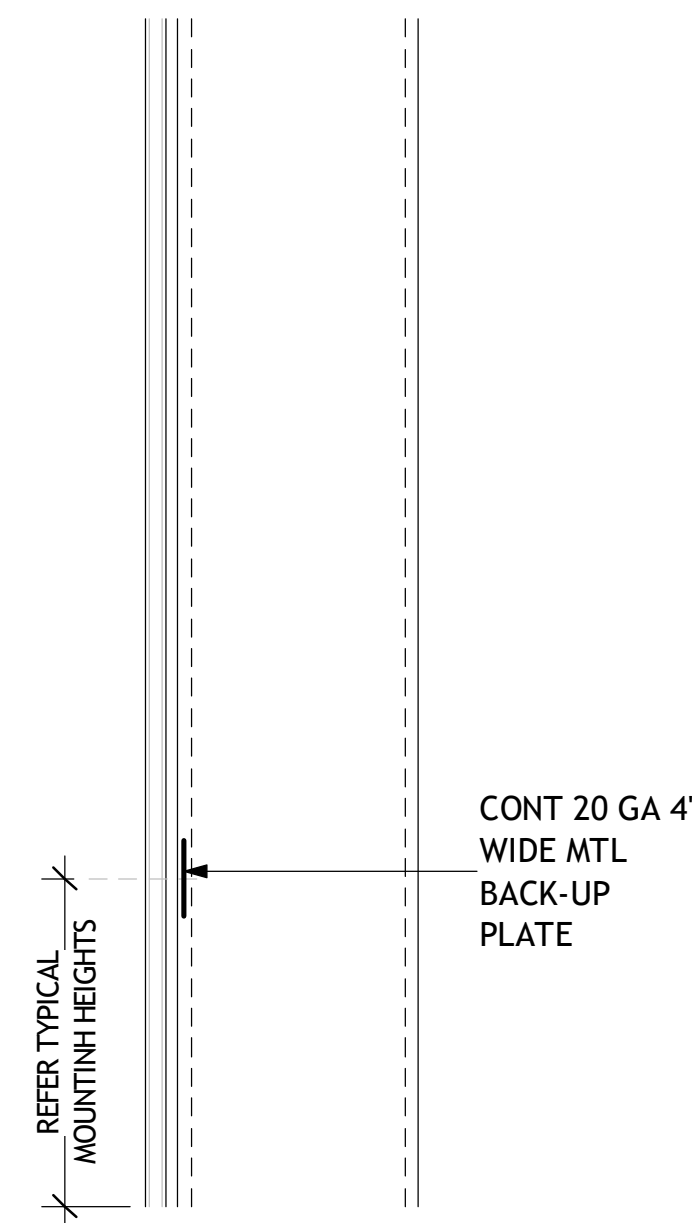
**PARTITION
TYPES &
FRAMING**

project number: 23-039
drawing date: 12-21-2023
scale: as noted

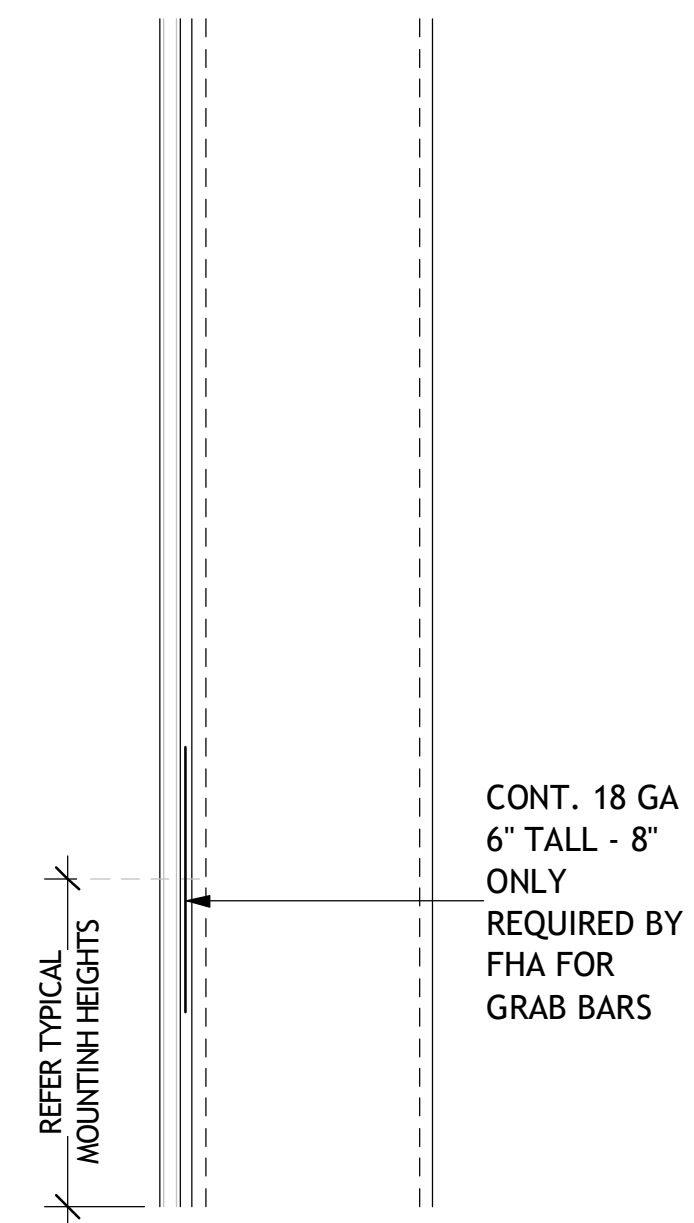
sheet number:

A0-08

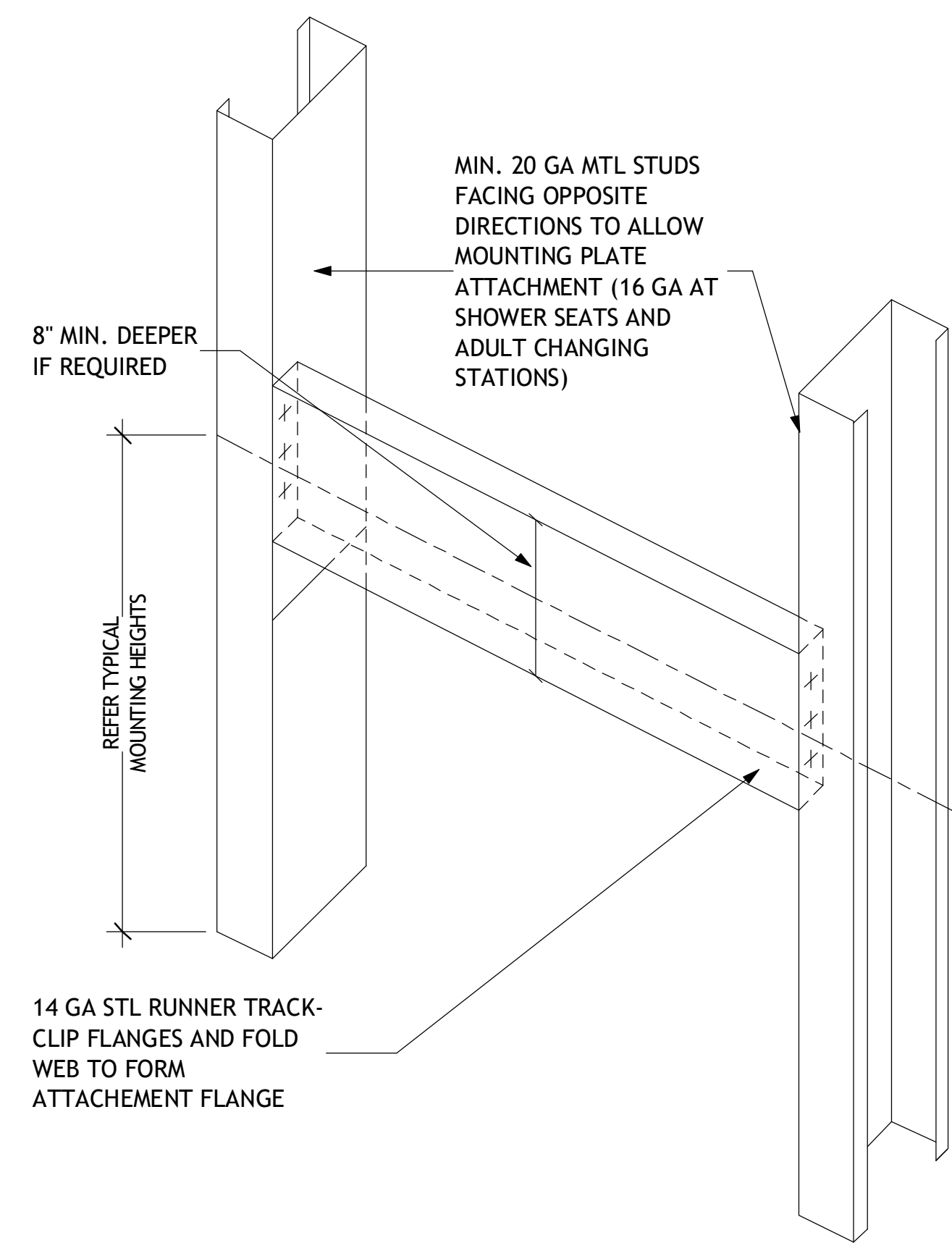
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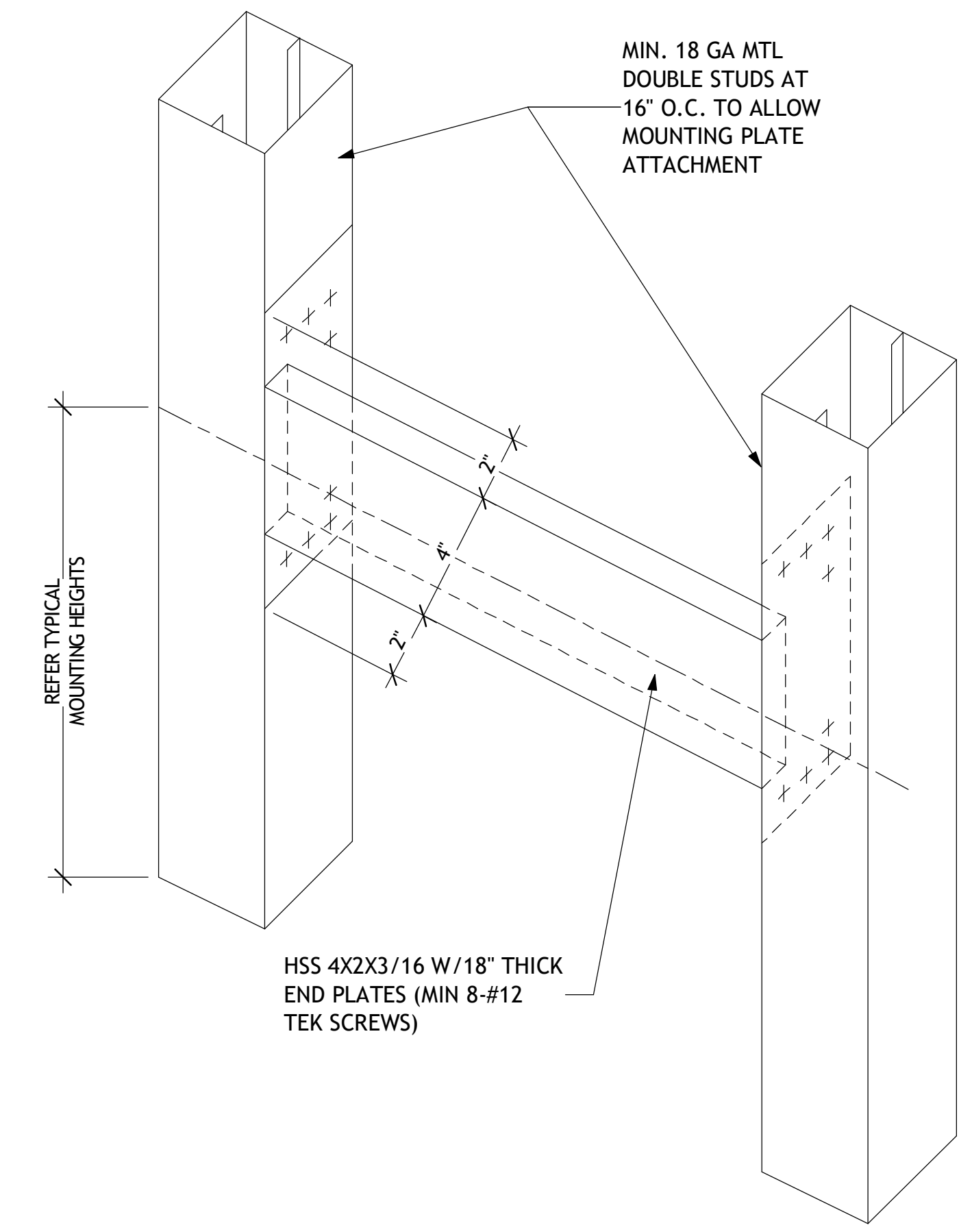
11 TYPE A
A0-09 3" = 1'-0"



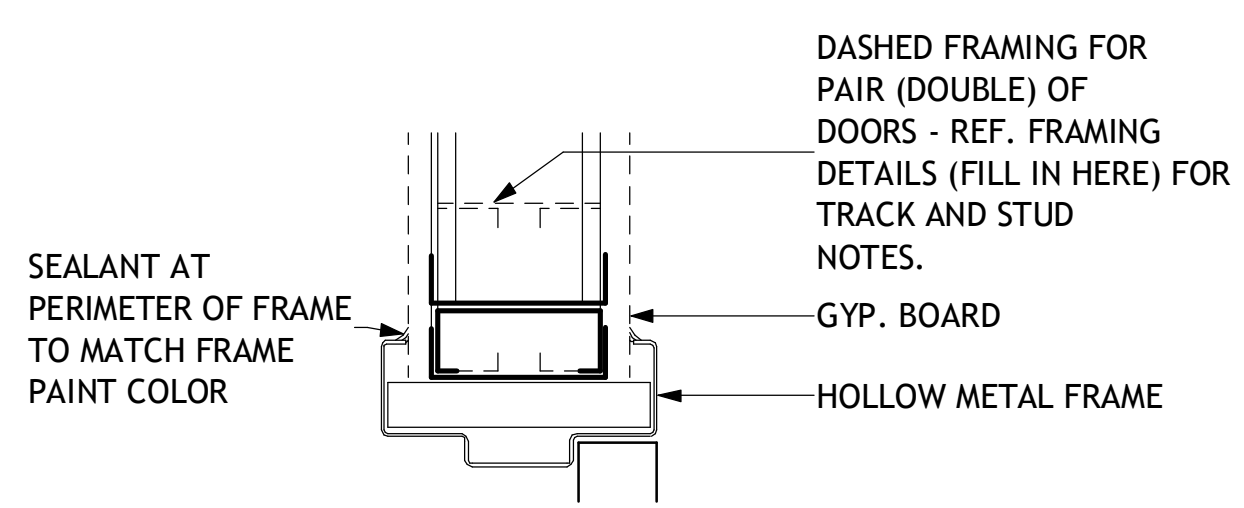
10 TYPE B
A0-09 3" = 1'-0"



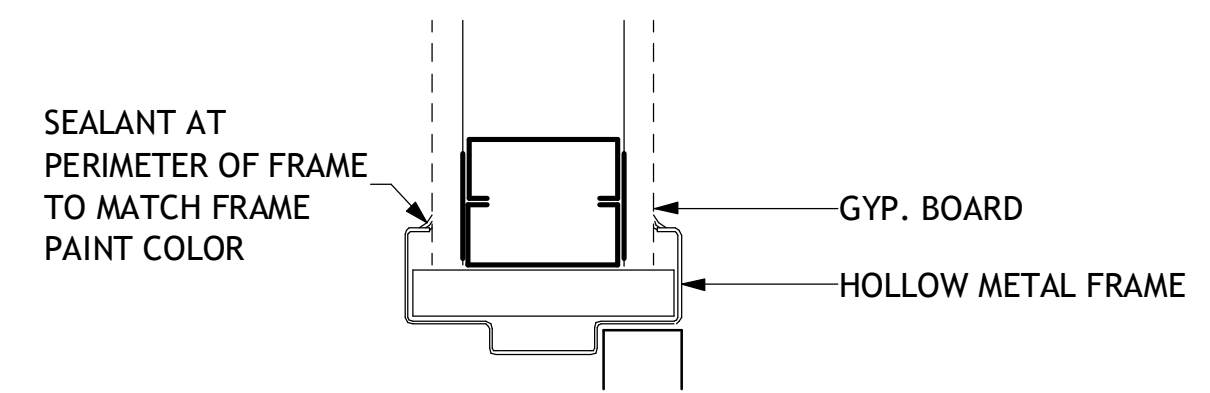
9 TYPE C
A0-09 3" = 1'-0"



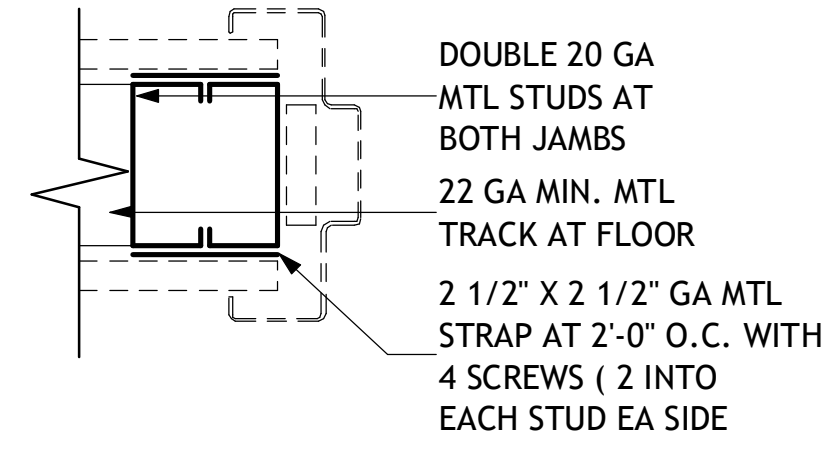
8 TYPE D BARIATRIC GRAB BAR
A0-09 3" = 1'-0"



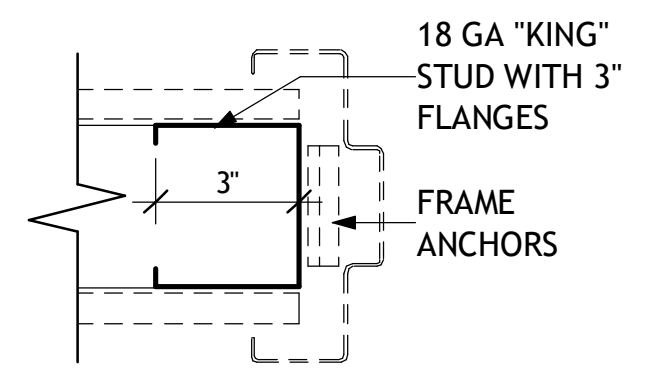
7 INTERIOR DOOR HEAD DETAIL - HOLLW METAL
A0-09 3" = 1'-0"



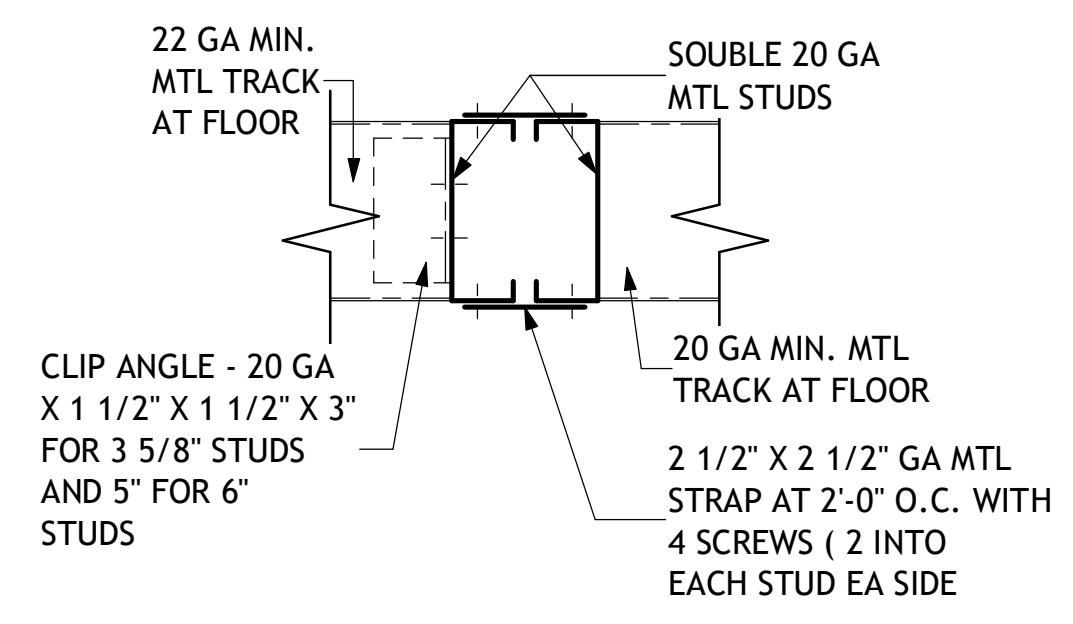
6 INTERIOR DOOR JAMB DETAIL - HOLLOW METAL
A0-09 3" = 1'-0"



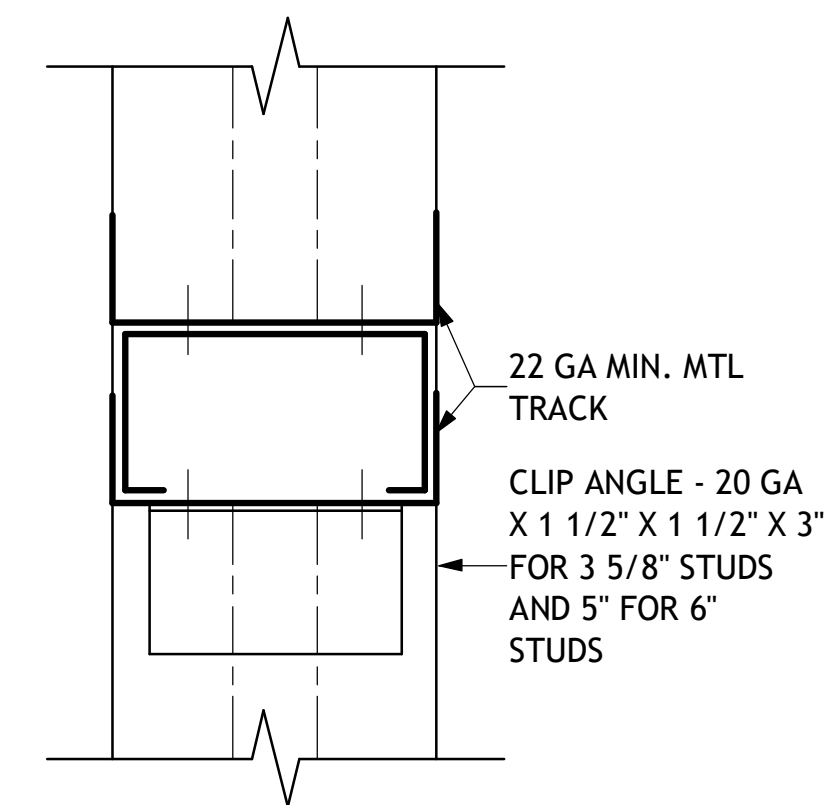
5 OPTION 2 DOOR OPENING JAMB STUDS
A0-09 3" = 1'-0"



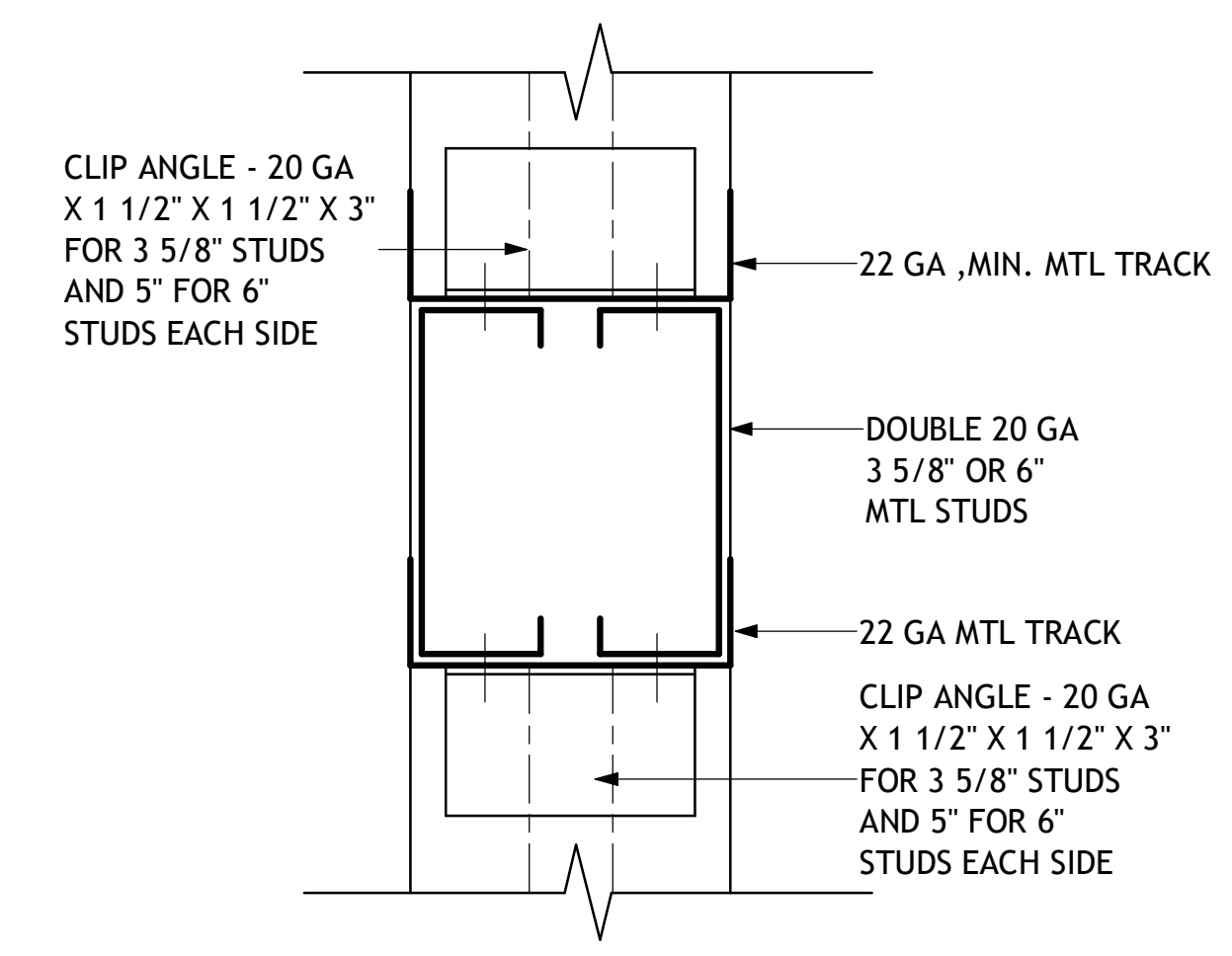
4 OPTION 1 DOOR OPENING JAMB STUDS
A0-09 3" = 1'-0"



3 LARGE OPENING JAMB STUDS
A0-09 3" = 1'-0"

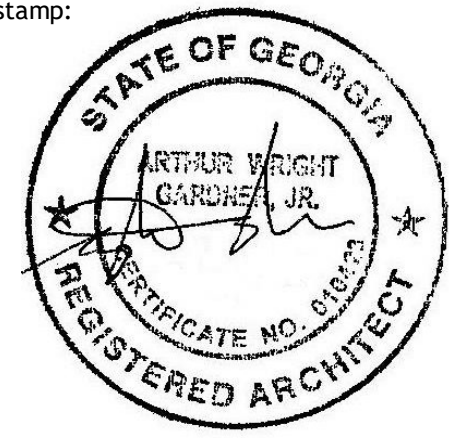


2 DOOR OPENING HEADER
A0-09 3" = 1'-0"



1 DOUBLE DOOR/LARGE OPENING HEADER
A0-09 3" = 1'-0"

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No.	Description	Date

sheet title:

**PARTITION
TYPES &
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project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A0-09

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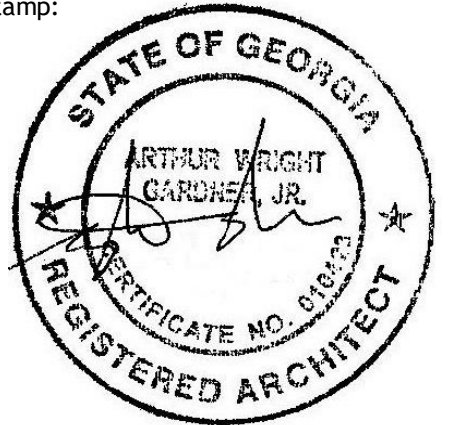
LIFE SAFETY LEGEND	
	EXIT SIGN
	FIRE EXTINGUISHER
	COMMON PATH OF TRAVEL / TRAVEL DISTANCE TO EXIT CONFORMS
	COMMON PATH OF TRAVEL / TRAVEL DISTANCE TO EXIT DOORS DOES NOT CONFORM

- GENERAL LIFE SAFETY NOTES:**
- OCCUPANCY CLASSIFICATION: BUSINESS
 - EXISTING CONSTRUCTION TYPE: IIIB SPRINKLERED
 - DEAD END CORRIDORS NOT TO EXCEED 50FT
COMMON PATH OF TRAVEL SHALL NOT EXCEED 75FT
TRAVEL DISTANCE TO EXITS SHALL NOT EXCEED 150FT
 - CLEAR DISTANCE BETWEEN FIRE EXTINGUISHERS NOT TO EXCEED 75FT
 - NUMBER OF EXISTING EXIT DOORS 5
NUMBER OF PEOPLE PER EXIT DOOR = SIZE OF DOOR/0.3
EXIT DOORS = 36" / 0.3 = 120 PEOPLE PER DOOR
NUMBER OF PEOPLE ACCOMMODATED BY EXITS = 600
OCCUPANCY = 515 (CONFORMS)
 - PER 32.3.3.6.2. WALLS SHALL HAVE A MINIMUM OF 1/2 HOUR FIRESAFETY RATING, EXISTING CORRIDOR WALLS TO REMAIN, WITH NO PROPOSED CHANGES. CORRIDOR WALLS ARE HAVE STUDS @ 16" O.C. W/ 1/2" TYPE C GYP BOARD EACH SIDE.
 - PROVIDE CARBON MONOXIDE DETECTORS PER. 32.3.3.4.9., SMOKE DETECTION SYSTEM PER. 32.3.3.4.8.3., SMOKE ALARM PER 32.3.3.4.7.

OCCUPANCY LOAD CALCULATIONS				
USE	AREA	OCCUPANT LOAD	OCCUPANCY AMOUNT	AREA KEY
ASSEMBLY (COURT ROOM) AREAS	2 781 SQFT	7 SQFT/PP	397	
BUSINESS	17 744 SQFT	150 SQFT/PP	118	
TOTAL OCCUPANCY			515	



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No.	Description	Date

sheet title:

LIFE SAFETY PLAN

project number: 23-039
drawing date: 12-21-2023
scale: as noted

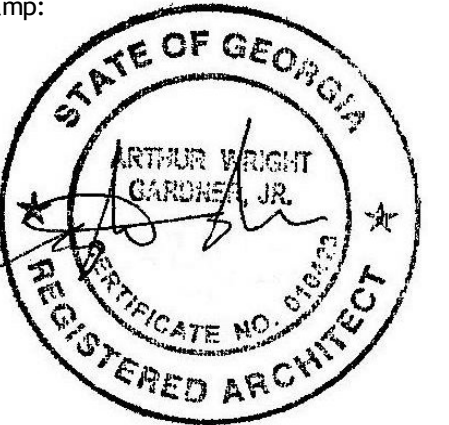
sheet number:

A0-10

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RENOVATION
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No.	Description	Date

sheet title:

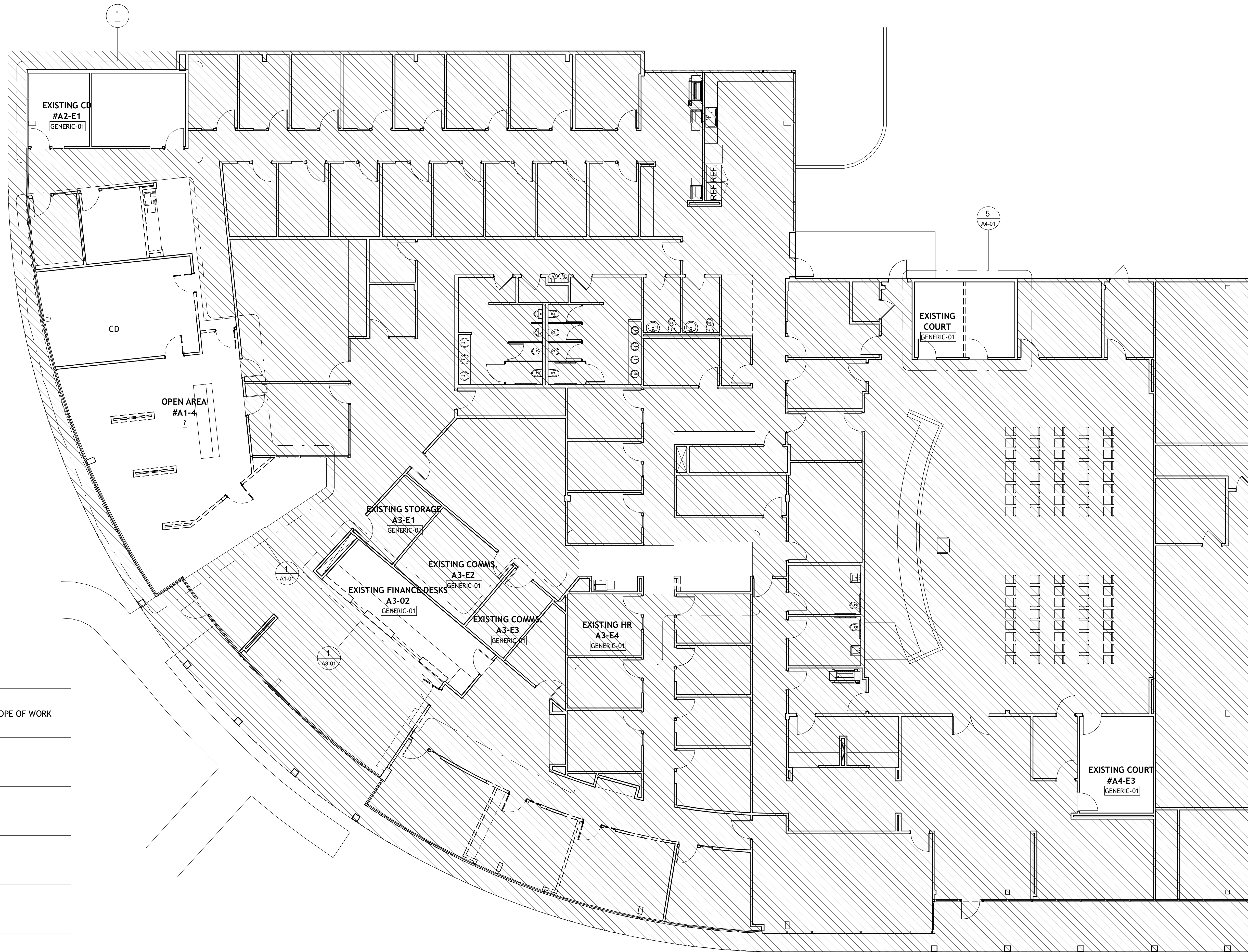
EXISTING
OVERALL FLOOR
PLAN

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A0-20

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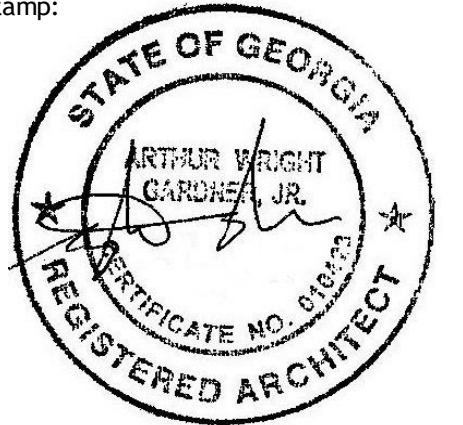
	HATCHED AREA HAS NO SCOPE OF WORK
	EXISTING WALLS
	CEILING TYPE A PROPOSED
	CEILING TYPE B PROPOSED
	CEILING TYPE A EXISTING
	CEILING TYPE B EXISTING

ALL HALF TONED ELEMENTS ARE EXISTING
NOT TO BE DEMOLISHED

1 EXISTING FLOOR PLAN
A0-20 1/8" = 1'-0"

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RENOVATION
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No.	Description	Date

sheet title:

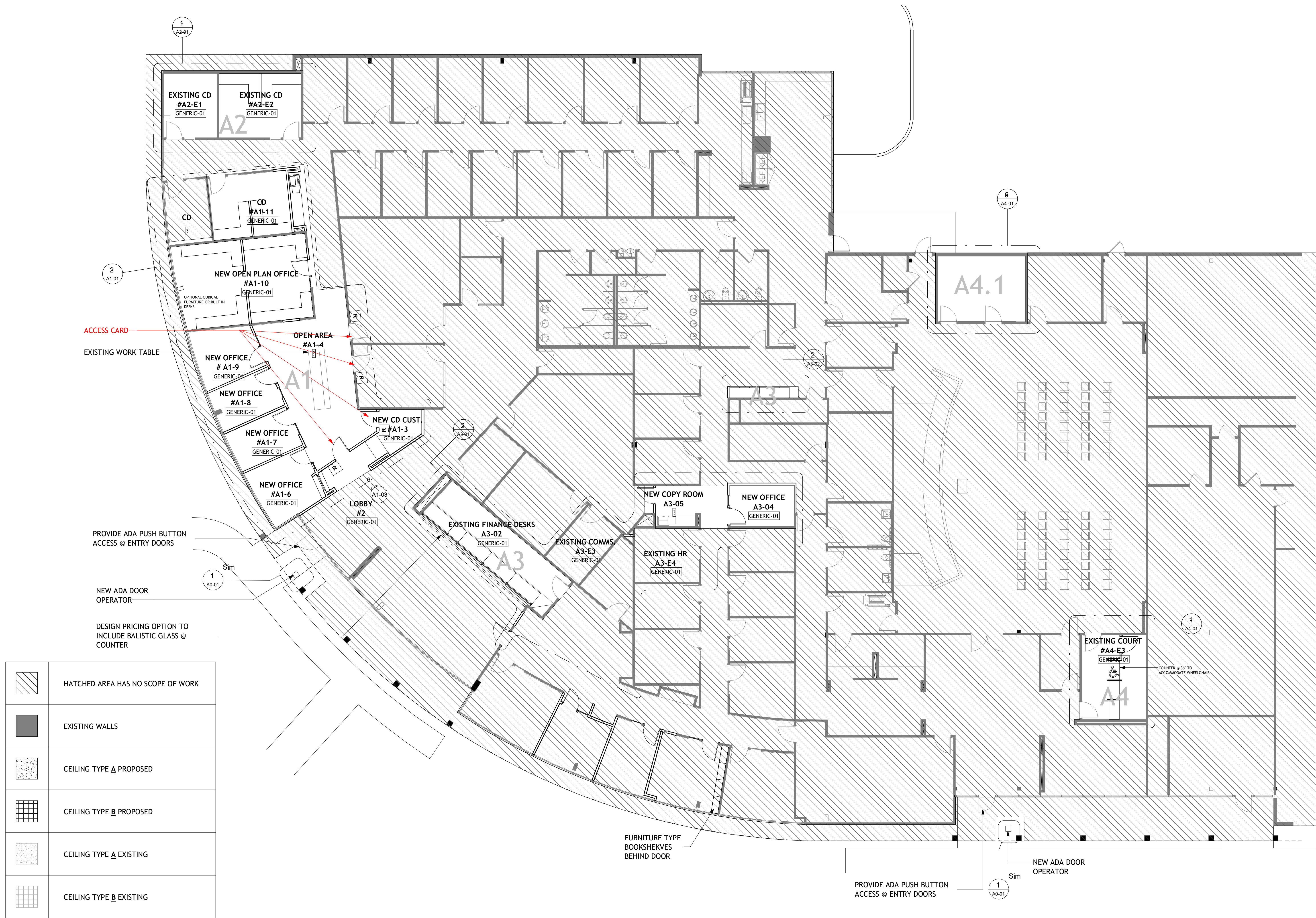
PROPOSED
OVERALL FLOOR
PLAN

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A0-30

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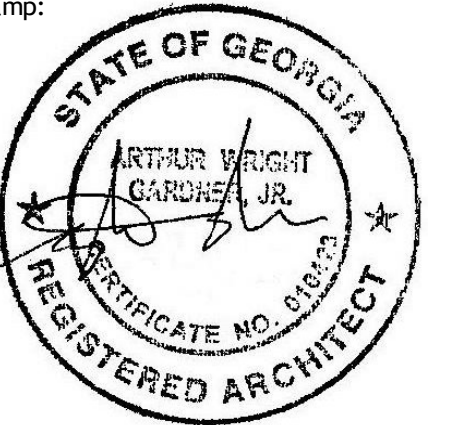
	HATCHED AREA HAS NO SCOPE OF WORK
	EXISTING WALLS
	CEILING TYPE A PROPOSED
	CEILING TYPE B PROPOSED
	CEILING TYPE A EXISTING
	CEILING TYPE B EXISTING

ALL HALF TONED ELEMENTS ARE EXISTING
NOT TO BE DEMOLISHED

1 OVERALL FLOOR PLAN
A0-30 1/8" = 1'-0"

**TUCKER CITY HALL
RENOVATION**
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No.	Description	Date

sheet title:

**OVERALL
EXISTING RCP
PLAN**

project number: 23-039
drawing date: 12-21-2023
scale: as noted

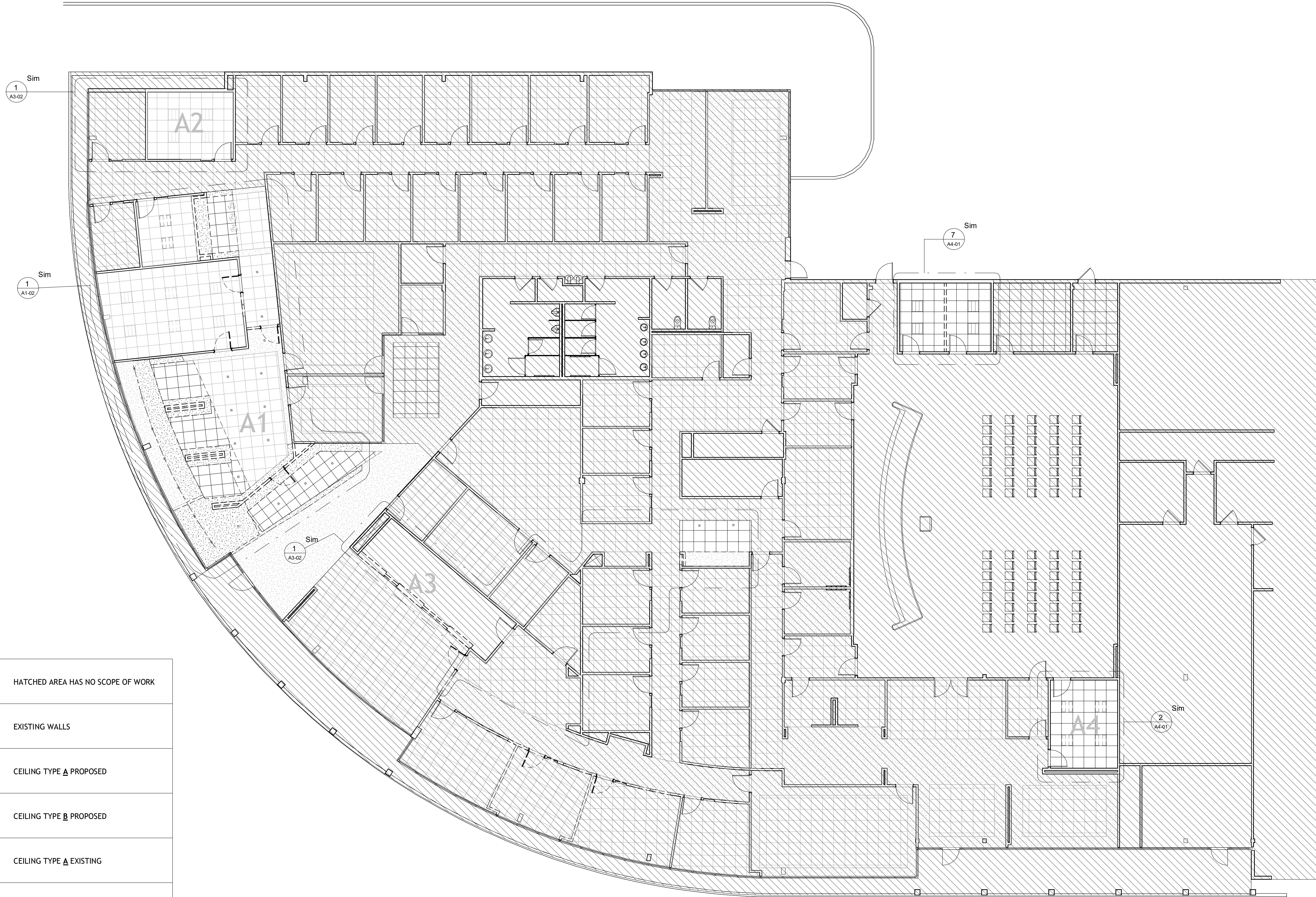
sheet number:

A0-40

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	HATCHED AREA HAS NO SCOPE OF WORK
	EXISTING WALLS
	CEILING TYPE A PROPOSED
	CEILING TYPE B PROPOSED
	CEILING TYPE A EXISTING
	CEILING TYPE B EXISTING

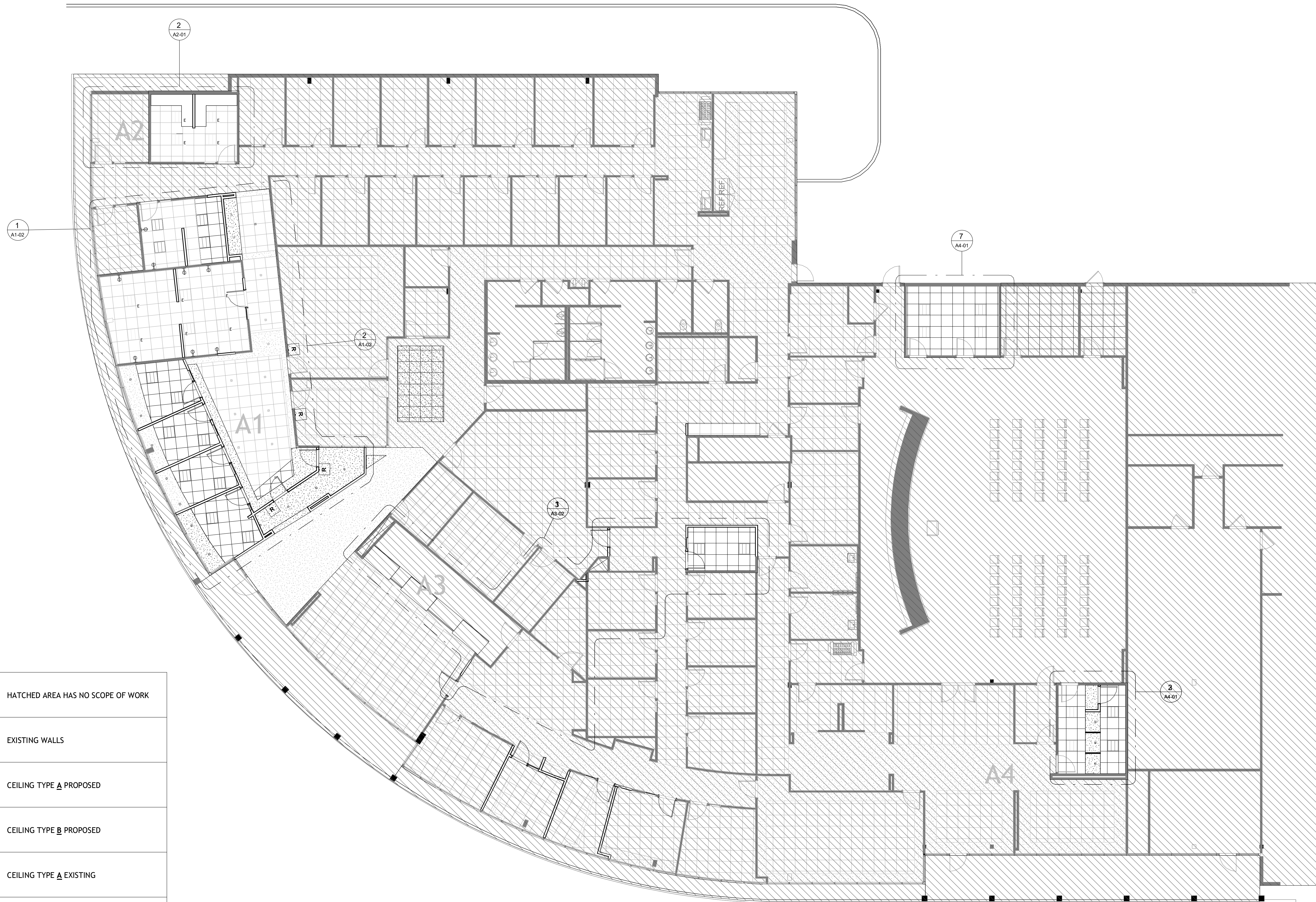
ALL HALF TONED ELEMENTS ARE EXISTING
NOT TO BE DEMOLISHED



1 EXISTING CEILING PLAN
A0-40 1/8" = 1'-0"

TUCKER CITY HALL
RENOVATION

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Tucker, GA 30084

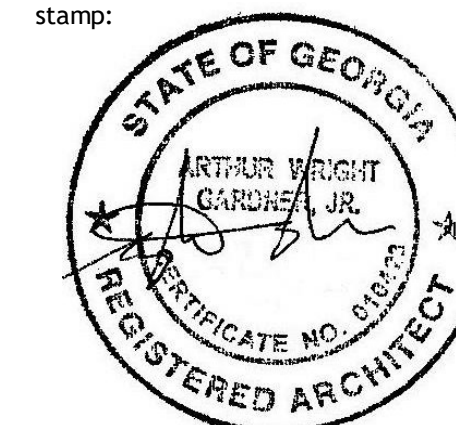


	HATCHED AREA HAS NO SCOPE OF WORK
	EXISTING WALLS
	CEILING TYPE A PROPOSED
	CEILING TYPE B PROPOSED
	CEILING TYPE A EXISTING
	CEILING TYPE B EXISTING

ALL HALF TONED ELEMENTS ARE EXISTING
NOT TO BE DEMOLISHED

1 PROPOSED OVERALL RCP
A0-50 1/8" = 1'-0"

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No.	Description	Date

sheet title:

**OVERALL
PROPOSED RCP
PLAN**

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A0-50

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A1 DOOR SCHEDULE							
MARK	TYPE MARK	WIDTH	HEIGHT	WITH SIDELITE	DESCRIPTION	ACCESS CARD	COMMENTS
A1-03	B	3'-0"	8'-0"	NO	SOLID CORE SNGL SWING	YES	
A1-04	B	3'-0"	8'-0"	NO	SOLID CORE SNGL SWING	YES	
A1-06	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDLIGHT	NO	SIDE LIGHT 1'-6"
A1-07	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDLIGHT	NO	
A1-08	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDLIGHT	NO	
A1-09	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDLIGHT	NO	
A1-10	A	3'-0"	8'-0"	YES	SNGL SWING W/SIDLIGHT	NO	

EXISTING DOORS:

A1-E1 - ADD CARD READER
A1-E2 - ADD CARD READER

DEMO. KEYNOTES A1	
NUMBER	KEYNOTE
1	EXISTING WALLS, ASSOCIATED ELECTRICAL TO BE DEMOLISHED, FINISH SMOOTH WITH ADJACENT WALL, CEILINGS AND FLOORS.
2	REMOVE EXISTING DOOR AND FRAME, SAVE FOR RE-USE, FILL IN WITH FRAMING AND FINISH SMOOTH WITH ADJACENT WALL.
3	REMOVE EXISTING DOOR AND FRAME, SAVE FOR RE-USE.



FINISH TAG LEGEND

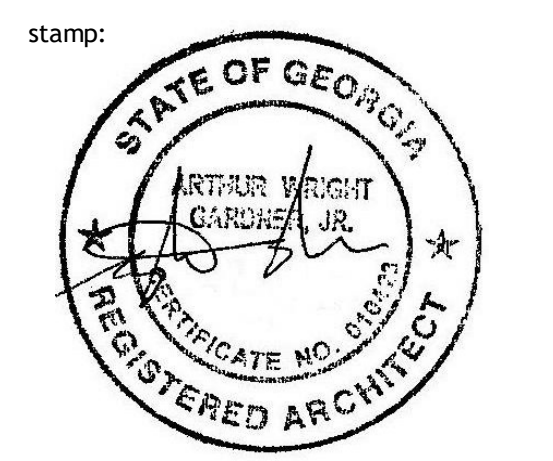
ROOM NAME	NEW OFFICE
ROOM #	#A1-1
MATERIAL NAME	GENERIC

GENERAL NOTES:

1. ALL WALLS TO BE PAINTED IPT-01, UNLESS OTHERWISE NOTED
2. ALL WALLS TO RECEIVE RB-01, UNLESS OTHERWISE NOTED
3. H.M. FRAMES TO BE PAINTED TO MATCH WALLS
4. REFER TO MILLWORK ELEVATIONS & FINISH LEGEND FOR FINISH INFORMATION AT CABINETS

154 Krog Street, #125
Atlanta, GA 30307
404-218-8460

TUCKER CITY HALL RENOVATION
1975 Lakeside Pkwy, Suite 350,
Tucker, GA 30084



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revisions

No.	Description	Date

sheet title:

ENLARGED PLANS

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A1-01

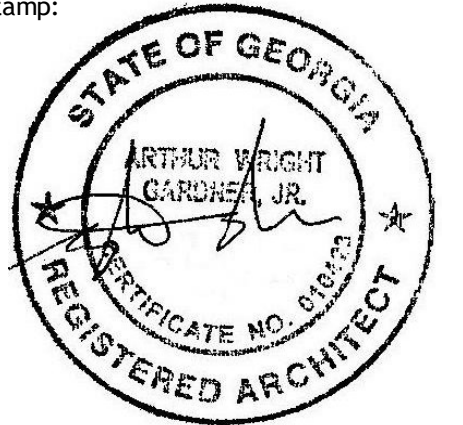
NOT ISSUED FOR CONSTRUCTION
 ISSUED FOR CONSTRUCTION

2 A1 ENLARGED PLAN
1/4" = 1'-0"

1 A1 ENLARGED DEMO PLAN
1/4" = 1'-0"

**TUCKER CITY HALL
RENOVATION**
1975 Lakeside Pkwy, Suite 350,
Tucker, GA 30084

stamp:



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revisions

No.	Description	Date

No. Description Date

	HATCHED AREA HAS NO SCOPE OF WORK
	EXISTING WALLS
	CEILING TYPE A PROPOSED
	CEILING TYPE B PROPOSED
	CEILING TYPE A EXISTING
	CEILING TYPE B EXISTING

ALL HALF TONED ELEMENTS ARE EXISTING
NOT TO BE DEMOLISHED

RCP LEGEND

	WALL MOUNTED LIGHTS
	CENTRAL LIGHT (DIRECTIONAL)
	PENDANT LIGHT
	CAN LIGHT
	EXISTING LIGHT TO REMAIN
	2 X 2 CEILING LED LIGHT FIXTURE
	2 X 2 CEILING SUPPLY DEFFUSER
	2 X 2 CEILING RETURN
	EXIST SIGN
	KEY CARD ACCESS READER
CEILING TAG.	
	TYPE MARK — HEIGHT

CEILING LEGEND:

TYPE	DESCRIPTION
A	2 X 2 ACUSTIC CEILING GRID, MATCH EXISTING GRID & PANEL OR REFURBISH IN PLACE
B	5/8" GYP BOARD WITH SUSP. GYP BD GRID SYSTEM

CEILING DEMO KEYNOTE SCHEDULE A1	
NIMBER	KEYNOTE
1	REMOVE EXISTING CEILING SYSTEM FINISH SMOOTH WITH ADJACENT CEILING.
2	REMOVE EXISTING LIGHT FIXTURE AND SMOOTH WITH WITH ADJACENT SURFACES.
3	MOVE EXISTING LIGHT FIXTURE TO NEW PROPOSED LOCATION.

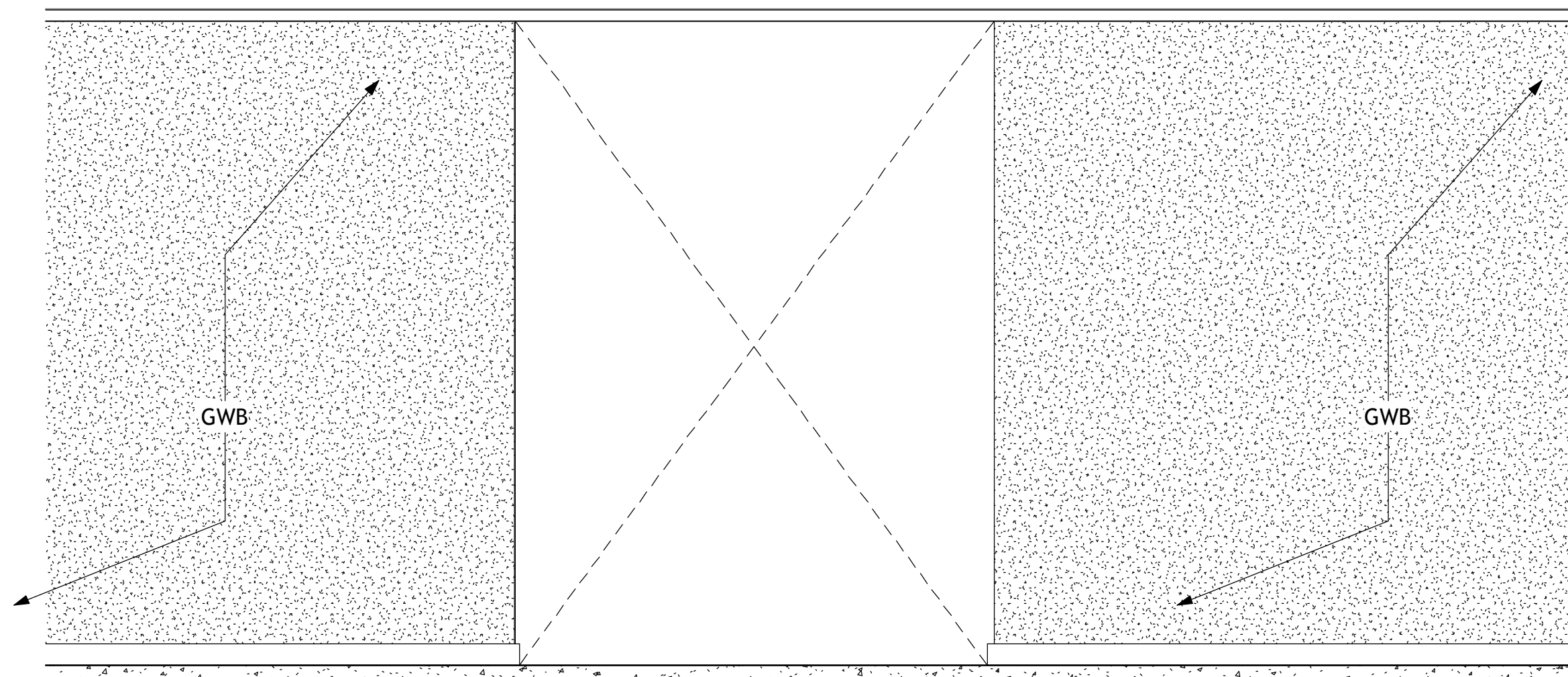


2 A1 ENLARGED RCP PROPOSED
A1-02 1/4" = 1'-0"

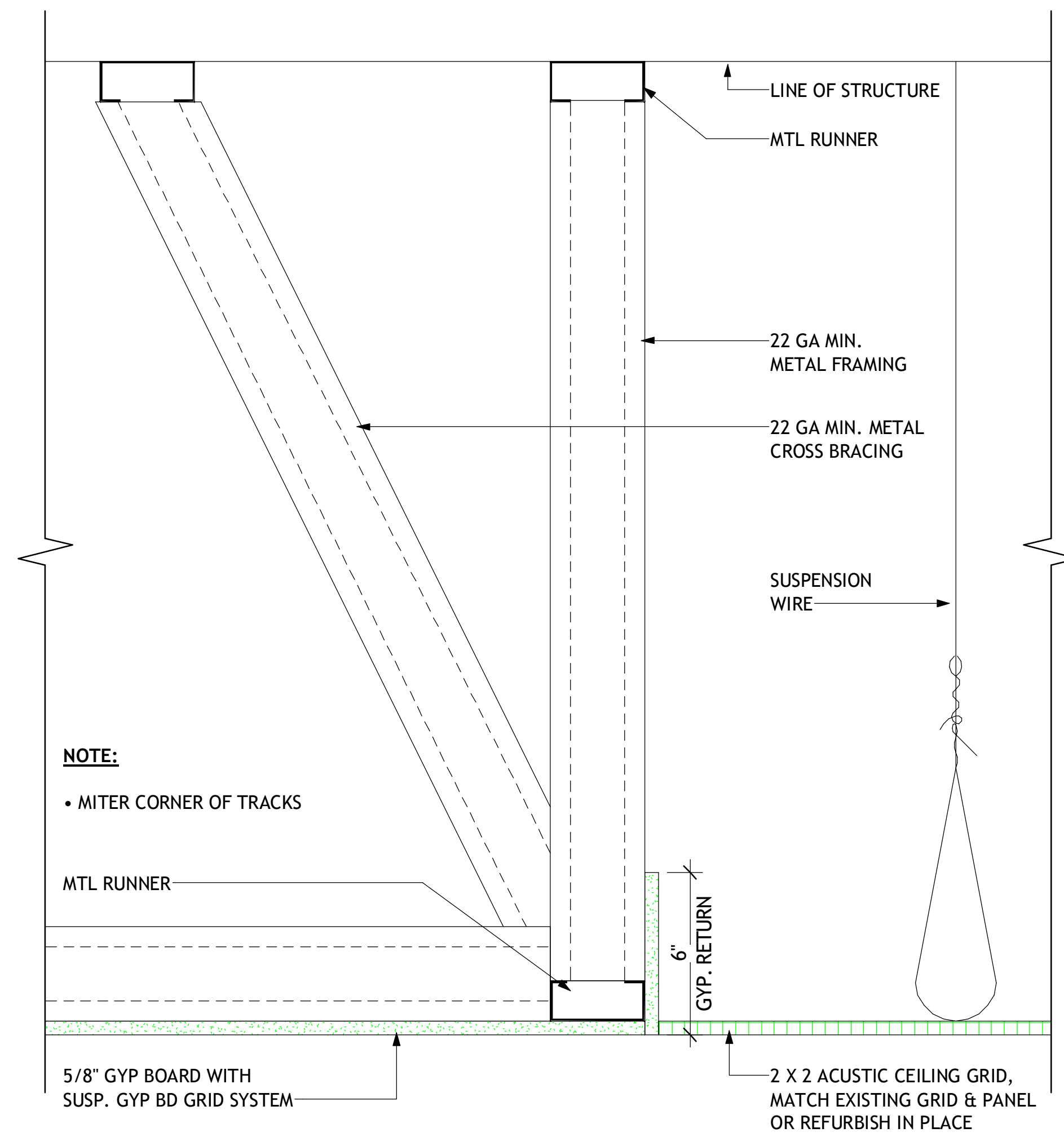
1 A1 ENLARGED RCP DEMO PLAN
A1-02 1/4" = 1'-0"

A1-02

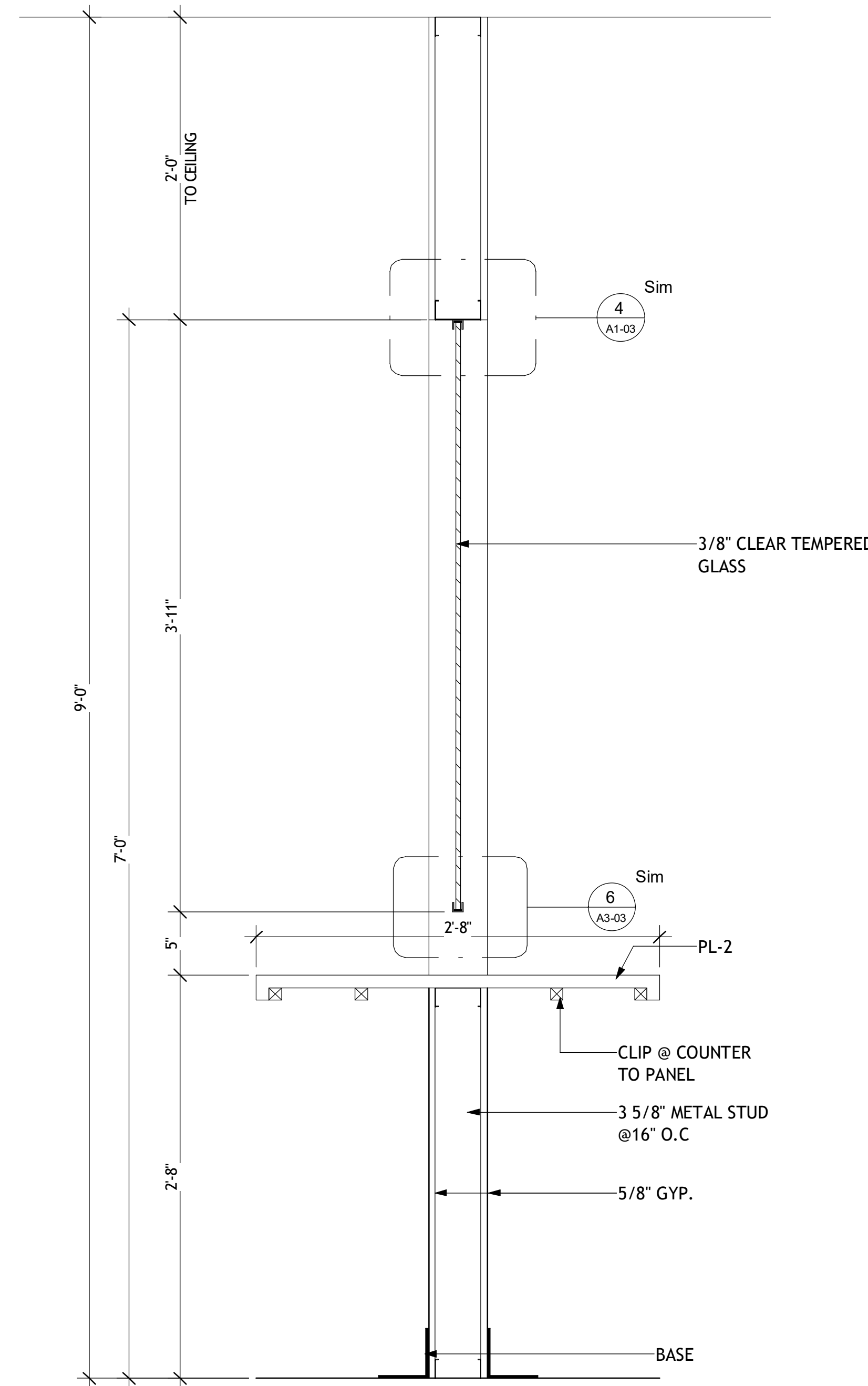
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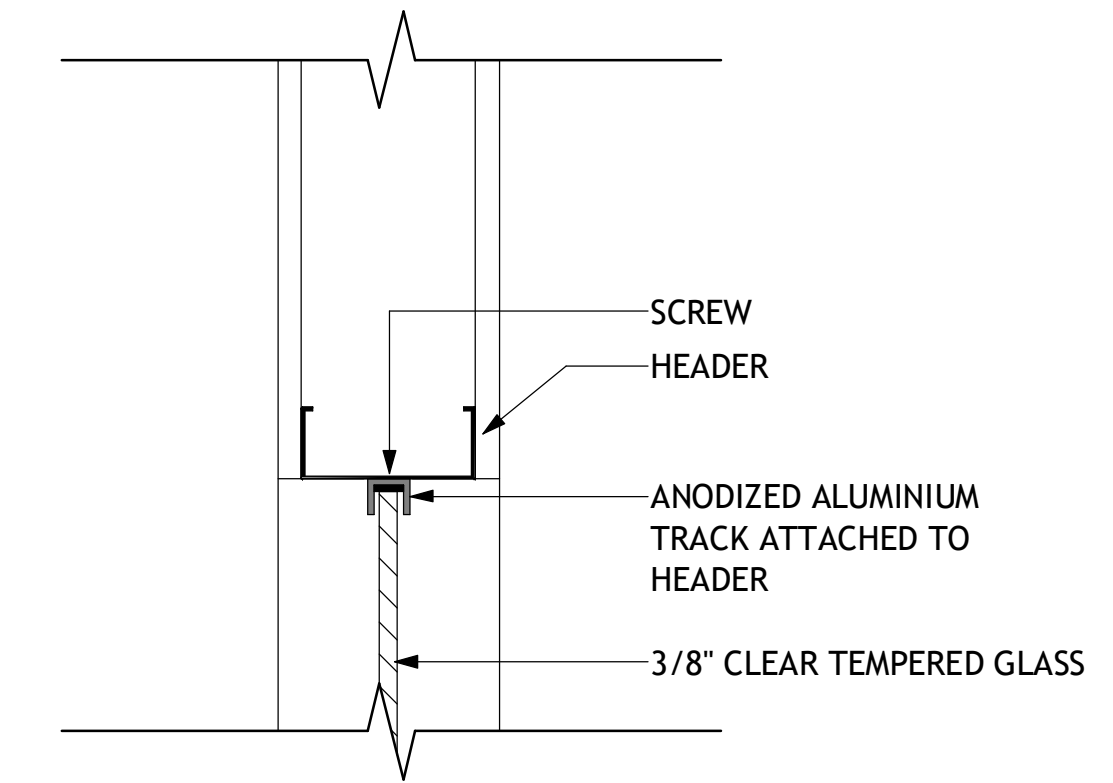
6 ELEVATION
A1-03 1/2" = 1'-0"



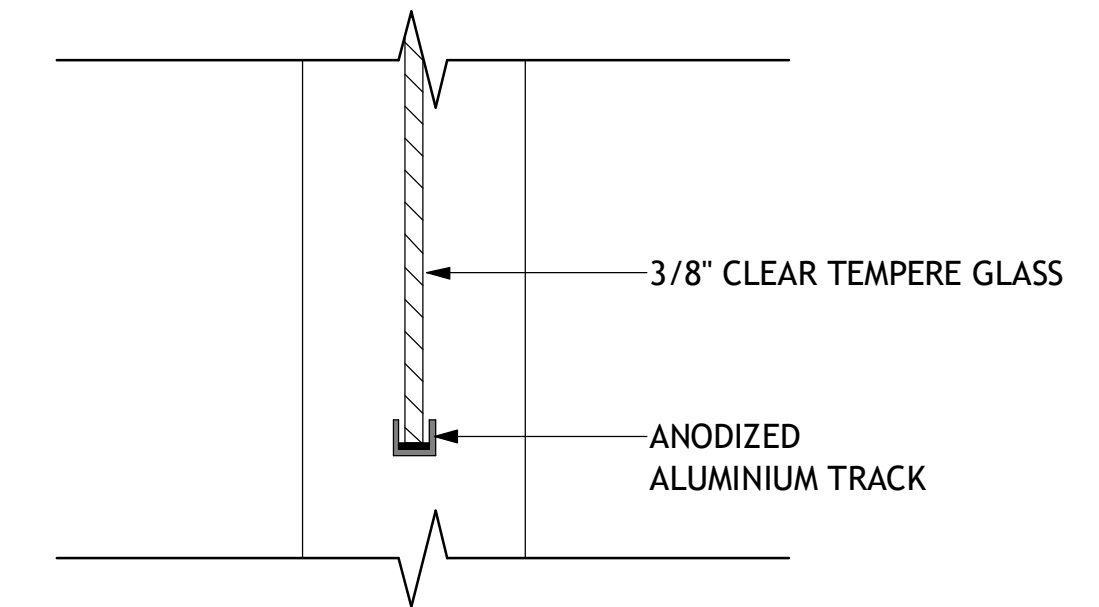
5 GYP. CEILING TRANSITION DETAIL
A1-03 3" = 1'-0"



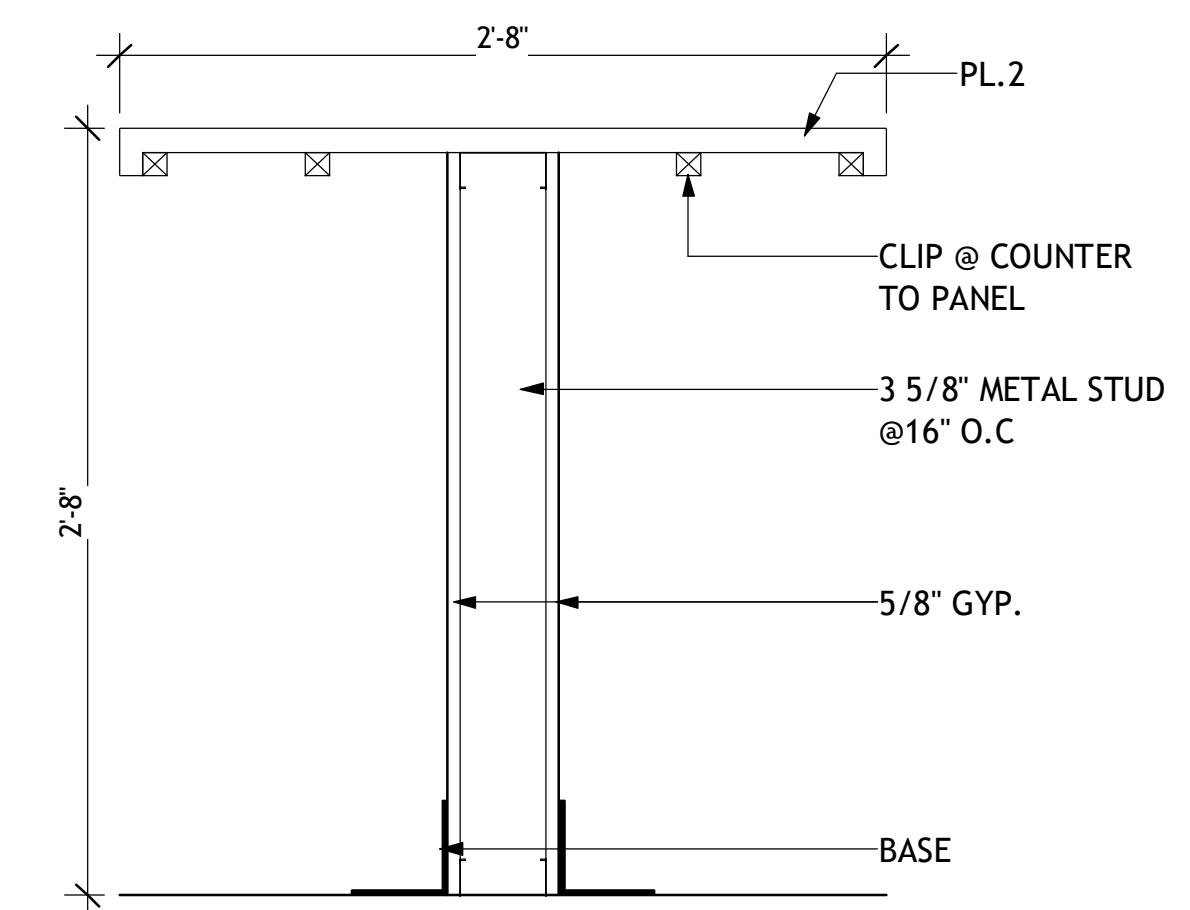
2 TRANSACTION WINDOW SECTION
A1-03 1 1/2" = 1'-0"



4 TOP OF GLASS DETAIL #1
A1-03 3" = 1'-0"

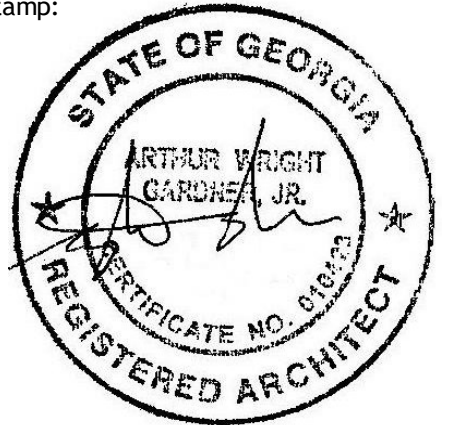


3 BOTTOM OF GLASS DETAIL #1
A1-03 3" = 1'-0"



1 TRANSACTION COUNTER SECTION
A1-03 1 1/2" = 1'-0"

stamp:



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revisions

No.	Description	Date

sheet title:

DETAILS

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A1-03

NOT ISSUED FOR CONSTRUCTION
 ISSUED FOR CONSTRUCTION

RCP LEGEND

♀	WALL MOUNTED LIGHTS
◆	CENTRAL LIGHT (DIRECTIONAL)
⊗	PENDANT LIGHT
⊠	CAN LIGHT
E	EXISTING LIGHT TO REMAIN
▯	2 X 2 CEILING LED LIGHT FIXTURE
⊠	2 X 2 CEILING SUPPLY DEFFUSER
⊠	2 X 2 CEILING RETURN
⊠	EXIST SIGN
R	KEY CARD ACCESS READER
<u>CEILING TAG.</u>	
??	TYPE MARK
??	HEIGHT

CEILING LEGEND:

TYPE	DESCRIPTION
A	2 X 2 ACUSTIC CEILING GRID, MATCH EXISTING GRID & PANEL OR REFURBISH IN PLACE
B	5/8" GYP BOARD WITH SUSP. GYP BD GRID SYSTEM

▨	HATCHED AREA HAS NO SCOPE OF WORK
■	EXISTING WALLS
▤	CEILING TYPE A PROPOSED
▥	CEILING TYPE B PROPOSED
▦	CEILING TYPE A EXISTING
▧	CEILING TYPE B EXISTING

ALL HALF TONED ELEMENTS ARE EXISTING
NOT TO BE DEMOLISHED

GENERAL NOTES - POWER/DATA

POWER/DATA SYMBOL LEGEND

⊕18	= OUTLET HEIGHT
SYMBOL	DESCRIPTION
⊕	DUPLEX
⊕	QUAD
⊕	DUPLEX EMERGENCY
⊕	QUAD EMERGENCY
⊕	DUPLEX FLOOR OUTLET
⊕	JUNCTION BOX
⊕	TELEPHONE PORT
⊕	TELEPHONE/DATA PORT
⊕	TELEPHONE/DATA PORT

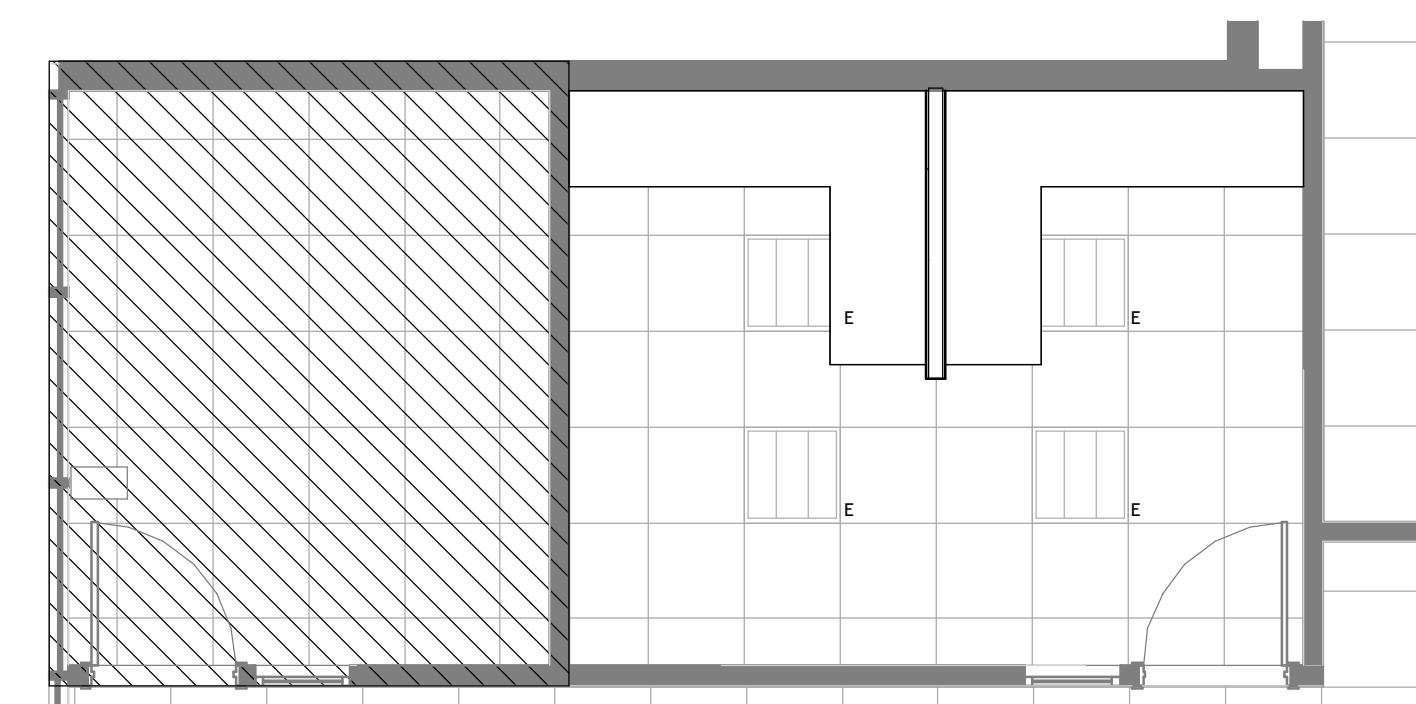
1. DEVICES SHOWN ARE ARCHITECTURALLY SIGNIFICANT. REFER TO IT/AV AND ELECTRICAL DRAWINGS FOR COMPLETE DOCUMENTATION.
2. ALL OUTLET DIMENSIONS SHOWN TO CENTERLINE OF OUTLET/BOX.
3. ALL OUTLETS SHALL BE 18" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
4. ALL SWITCHES SHALL BE 48" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
5. IN THE CASE OF MINOR DISCREPANCIES BETWEEN ARCHITECTURAL AND ELECTRICAL AND IT DOCUMENTS, THE ARCHITECTURAL POWER/DATA PLAN SHALL GOVERN. IN THE CASE OF MAJOR DISCREPANCIES, THE ARCHITECT SHALL BE NOTIFIED AS SOON AS THE DISCREPANCY IS DISCOVERED PRIOR TO PROCEEDING WITH THE WORK.
6. REFER TO SHEET XX.XX FOR OUTLET INSTALLATION DETAILS IN RATED AND ACOUSTICAL WALL ASSEMBLIES.
7. REFER TO AX SERIES INTERIOR ELEVATION DRAWINGS FOR ADDITIONAL INFORMATION AND MOUNTING HEIGHTS.
8. FF&E SHOWN IS FOR OUTLET LOCATION COORDINATION ONLY.
9. ALL OUTLETS AND COVER PLATES SHALL MATCH THE ADJACENT WALL FINISH AS BEST POSSIBLE. THE ARCHITECT SHALL BE NOTIFIED FOR UNIQUE FINISHES TO APPROVE THE COVER PLATE COLOR SELECTION.
10. REFER TO MILLWORK DETAIL DRAWINGS FOR OUTLETS OR SWITCHES MOUNTED IN SPECIALTY CONSTRUCTION.

FINISH TAG LEGEND

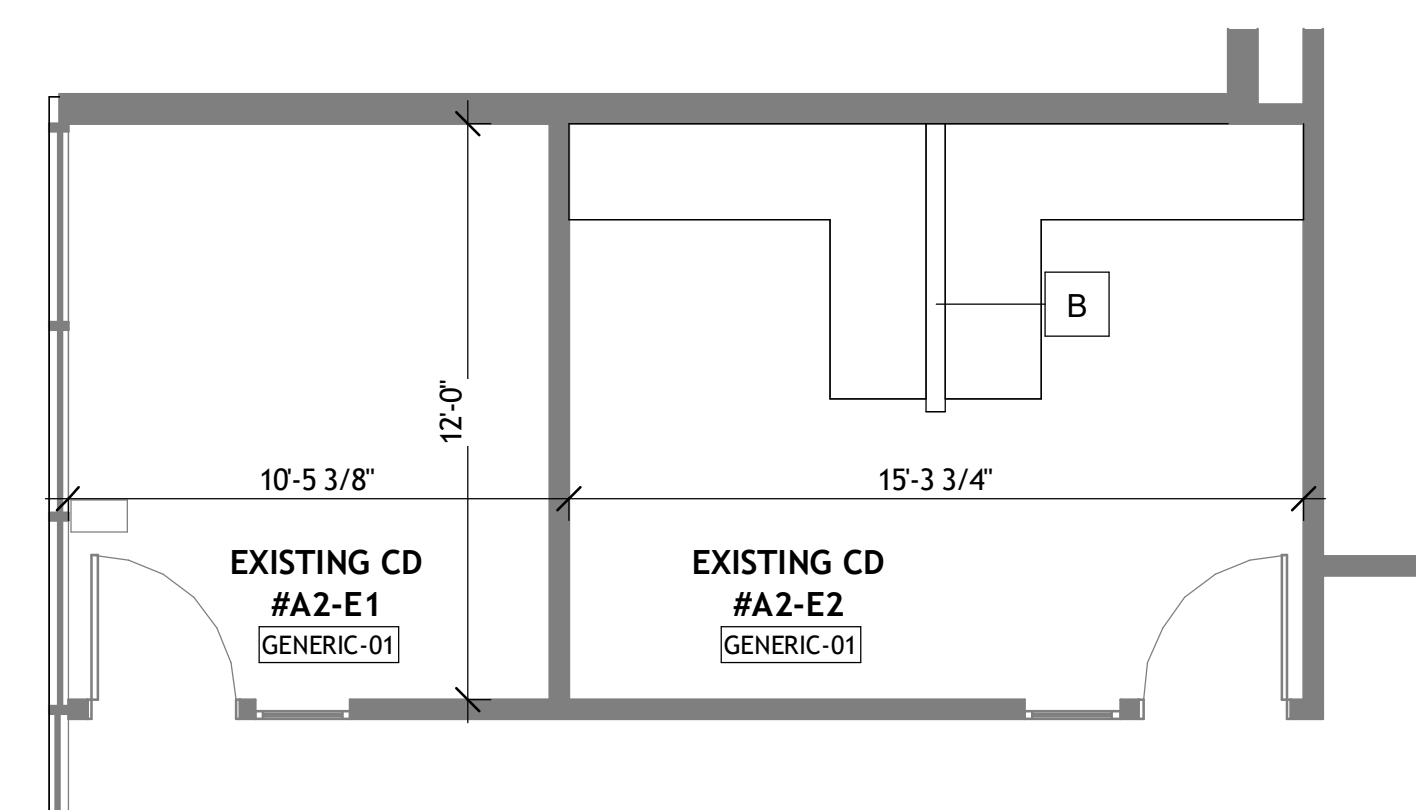
ROOM NAME	NEW OFFICE
ROOM #	#A1-1
MATERIAL NAME	GENERIC

GENERAL NOTES:

1. ALL WALLS TO BE PAINTED IPT-01, UNLESS OTHERWISE NOTED
2. ALL WALLS TO RECIEVE RB-01, UNLESS OTHERWISE NOTED
3. H.M. FRAMES TO BE PAINTED TO MATCH WALLS
4. REFER TO MILLWORK ELEVATIONS & FINISH LEGEND FOR FINISH INFORMATION AT CABINetry



2 A2 ENLARGED EXISTING RCP
1/4" = 1'-0"



1 A2 ENLARGED PLAN
1/4" = 1'-0"

stamp:



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revisions

No.	Description	Date

sheet title:

ENLARGED PLANS

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

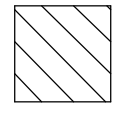
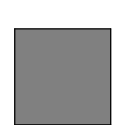
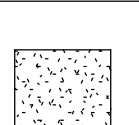
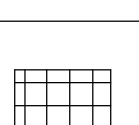
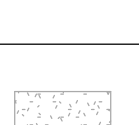

A2-01

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A3 DOOR SCHEDULE							
MARK	TYPE MARK	WIDTH	HEIGHT	WITH SIDELITE	DESCRIPTION	ACCESS CARD	COMMENTS
A3-04	A	3'-0"	8'-0"	YES	SINGL SWING W/SIDELIGHT	NO	
A3-05	B	3'-0"	8'-0"	NO	SOLID CORE SINGL SWING	NO	

GENERAL DOOR NOTES:

ALL DOORS MARKED WITH E ARE SHOWN TO BE EXISTING AND HAVE NO SCOPE OF WORK.

	HATCHED AREA HAS NO SCOPE OF WORK
	EXISTING WALLS
	CEILING TYPE A PROPOSED
	CEILING TYPE B PROPOSED
	CEILING TYPE A EXISTING
	CEILING TYPE B EXISTING

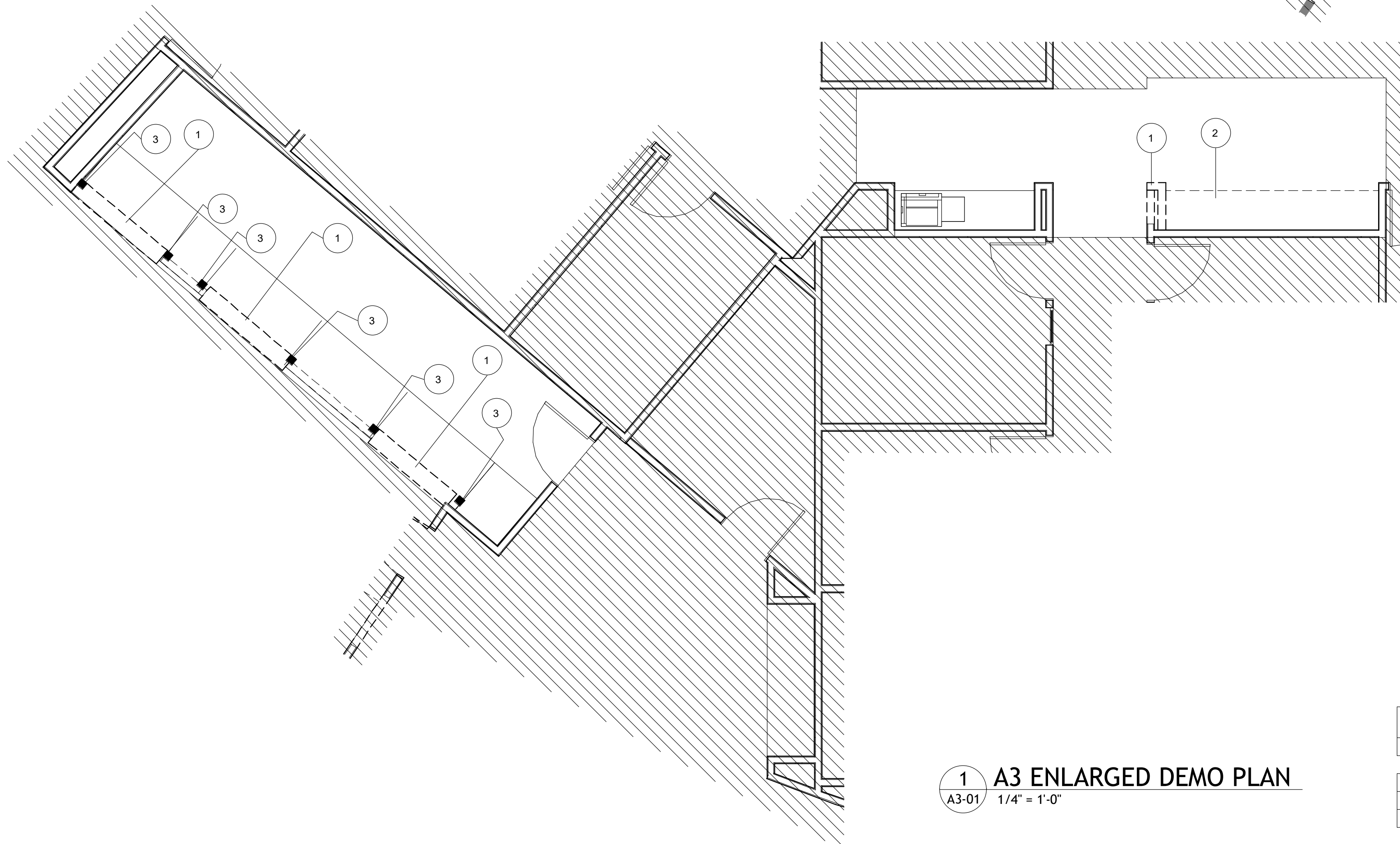
FINISH TAG LEGEND

ROOM NAME	NEW OFFICE
ROOM #	#A1-1
MATERIAL NAME	GENERIC

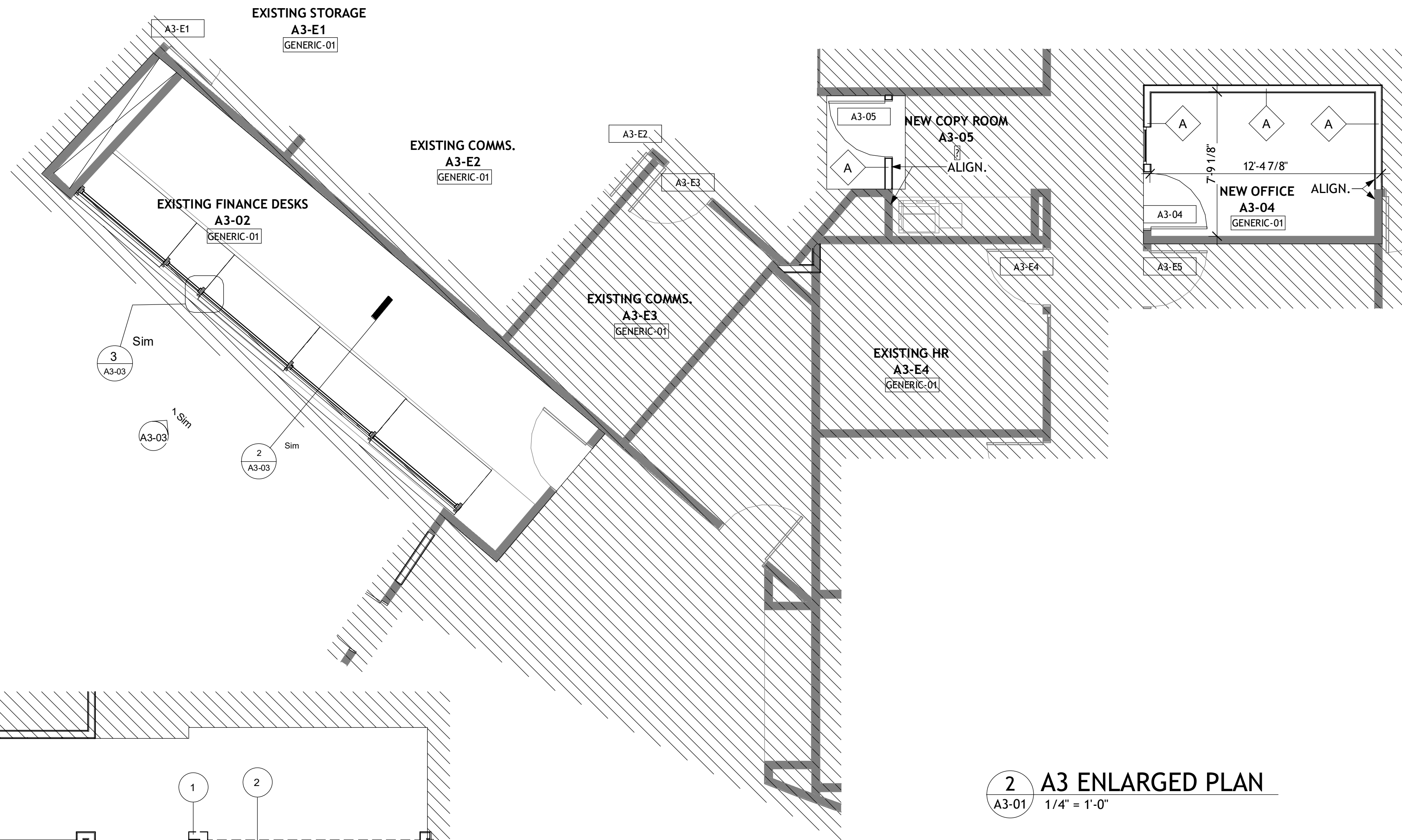
GENERAL NOTES:

1. ALL WALLS TO BE PAINTED IPT-01, UNLESS OTHERWISE NOTED
2. ALL WALLS TO RECEIVE RB-01, UNLESS OTHERWISE NOTED
3. H.M. FRAMES TO BE PAINTED TO MATCH WALLS
4. REFER TO MILLWORK ELEVATIONS & FINISH LEGEND FOR FINISH INFORMATION AT CABINERY

ALL HALF TONED ELEMENTS ARE EXISTING
NOT TO BE DEMOLISHED



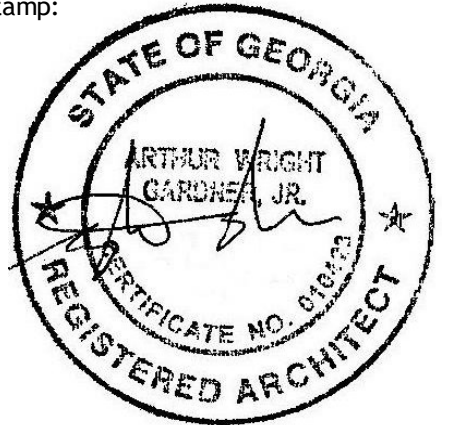
1 A3 ENLARGED DEMO PLAN
1/4" = 1'-0"



2 A3 ENLARGED PLAN
1/4" = 1'-0"

DEMO. KEYNOTES A3	
NUMBER	KEYNOTE
1	EXISTING WALLS, ASSOCIATED ELECTRICAL TO BE DEMOLISHED, FINISH SMOOTH WITH ADJACENT WALL, CEILINGS AND FLOORS.
2	EXISTING COUNTER TOPS & CABINERY TO BE REMOVED. DISCARD OR STORE PER OWNERS INSTRUCTIONS.
3	DRILL HOLES INTO EXISTING COUNTER TO ACCOMMODATE NEW STEEL COLUMNS.

stamp:



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No.	Description	Date

sheet title:

**ENLARGED
PLANS**

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A3-01

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RCP LEGEND

♀	WALL MOUNTED LIGHTS
⬠	CENTRAL LIGHT (DIRECTIONAL)
⊗	PENDANT LIGHT
□	CAN LIGHT
E	EXISTING LIGHT TO REMAIN
▨	2 X 2 CEILING LED LIGHT FIXTURE
⊠	2 X 2 CEILING SUPPLY DEFFUSER
⊞	2 X 2 CEILING RETURN
⊠	EXIST SIGN
R	KEY CARD ACCESS READER
CEILING TAG.	
??	TYPE MARK
??	HEIGHT

CEILING LEGEND:

TYPE	DESCRIPTION
------	-------------

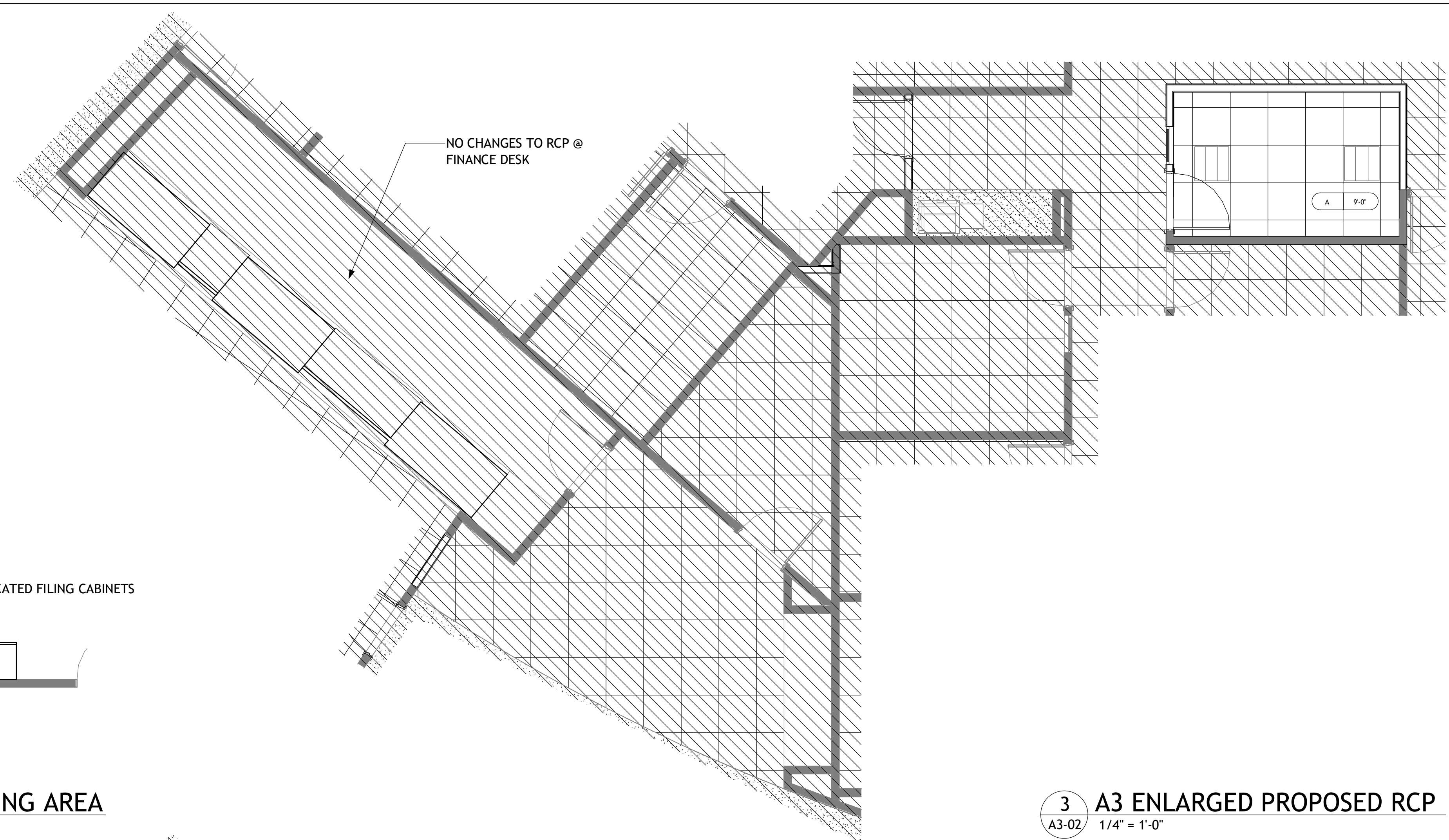
A	2 X 2 ACOUSTIC CEILING GRID, MATCH EXISTING GRID & PANEL OR REFURBISH IN PLACE
B	5/8" GYP BOARD WITH SUSP. GYP BD GRID SYSTEM

▨	HATCHED AREA HAS NO SCOPE OF WORK
■	EXISTING WALLS
▨	CEILING TYPE A PROPOSED
▨	CEILING TYPE B PROPOSED
▨	CEILING TYPE A EXISTING
▨	CEILING TYPE B EXISTING

ALL HALF TONED ELEMENTS ARE EXISTING
CEILING DEMO KEYNOTE SCHEDULE A3
NOT TO BE DEMOLISHED

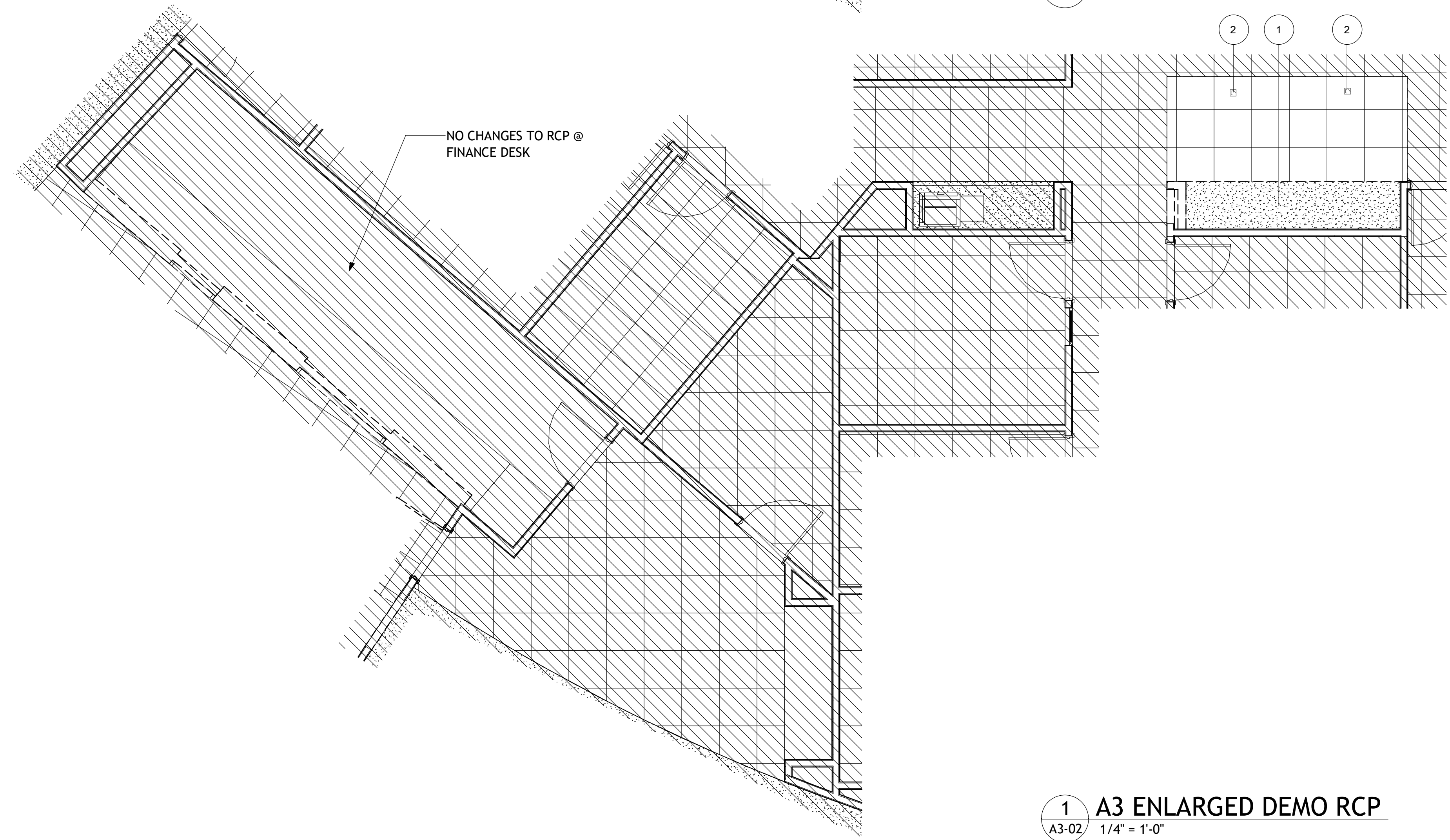
NUMBER	KEYNOTE
--------	---------

1	REMOVE EXISTING CEILING SYSTEM FINISH SMOOTH WITH ADJACENT CEILING.
2	REMOVE EXISTING LIGHT FIXTURE AND SMOOTH WITH WITH ADJACENT SURFACES.



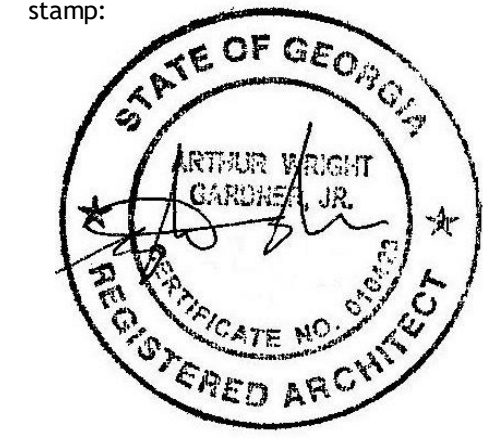
2 ENLARGED PRINTING AND FILING AREA
A3-02 1/4" = 1'-0"

3 A3 ENLARGED PROPOSED RCP
A3-02 1/4" = 1'-0"



1 A3 ENLARGED DEMO RCP
A3-02 1/4" = 1'-0"

stamp:



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revisions

No.	Description	Date

sheet title:
ENLARGED PLANS

project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:
A3-02
 NOT ISSUED FOR CONSTRUCTION
 ISSUED FOR CONSTRUCTION

stamp:



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revisions

No.	Description	Date

sheet title:

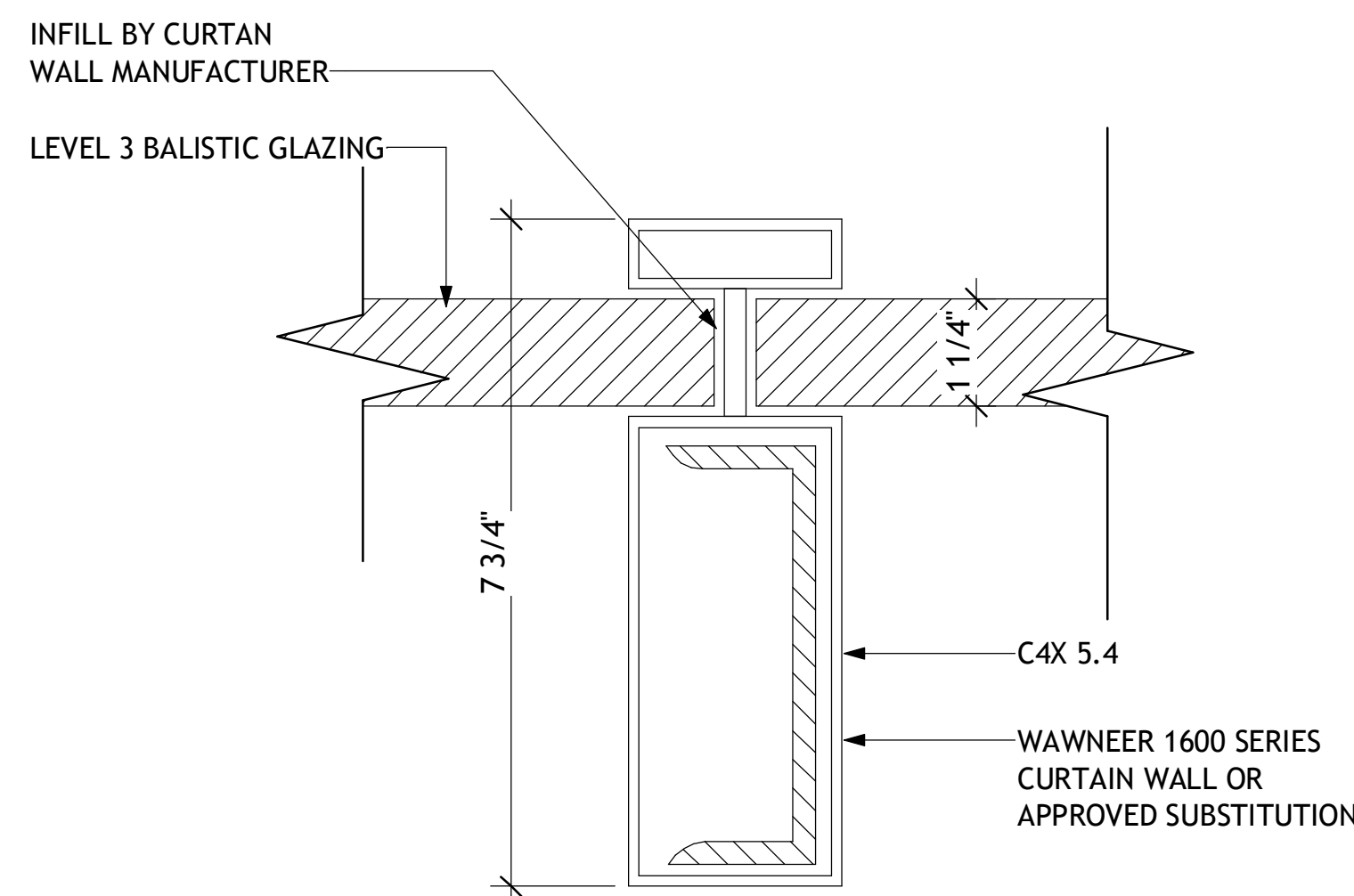
ELEVATIONS & DETAILS

project number: 23-039
drawing date: 12-21-2023
scale: as noted

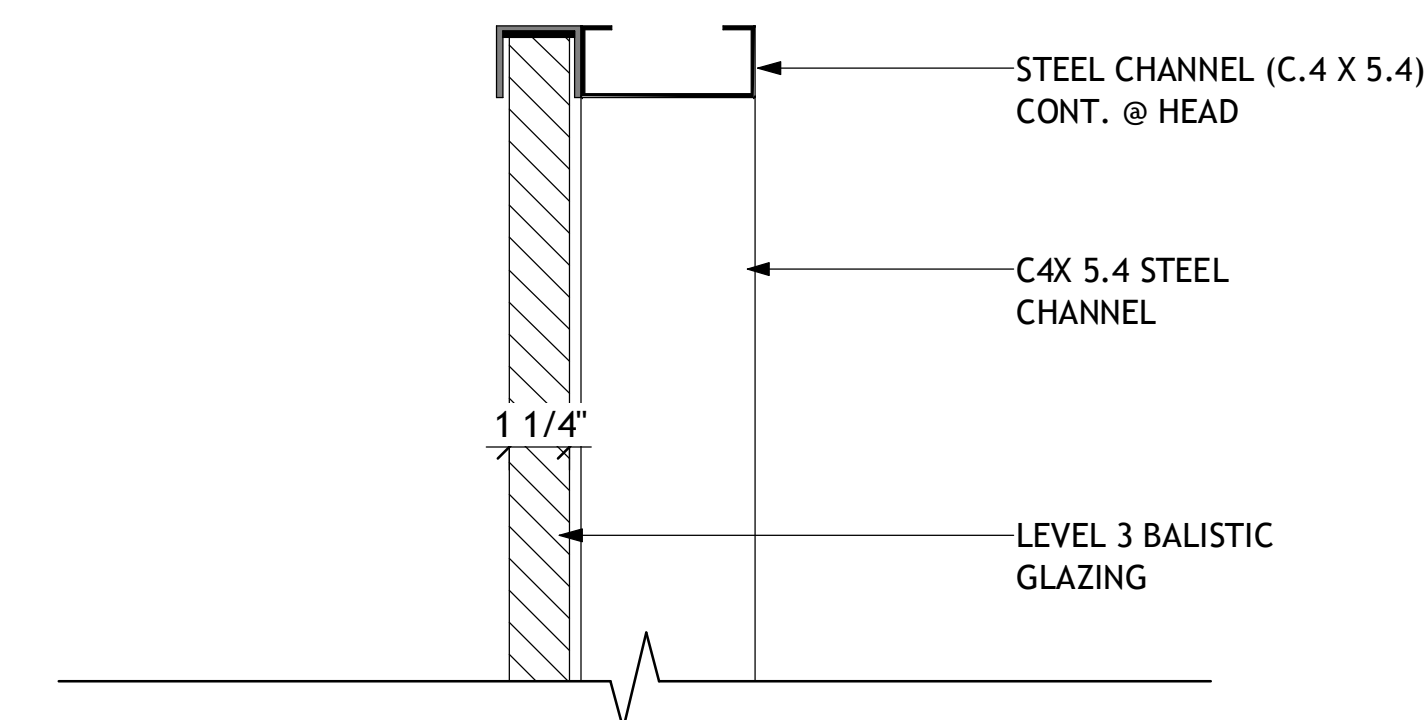
sheet number:

A3-03

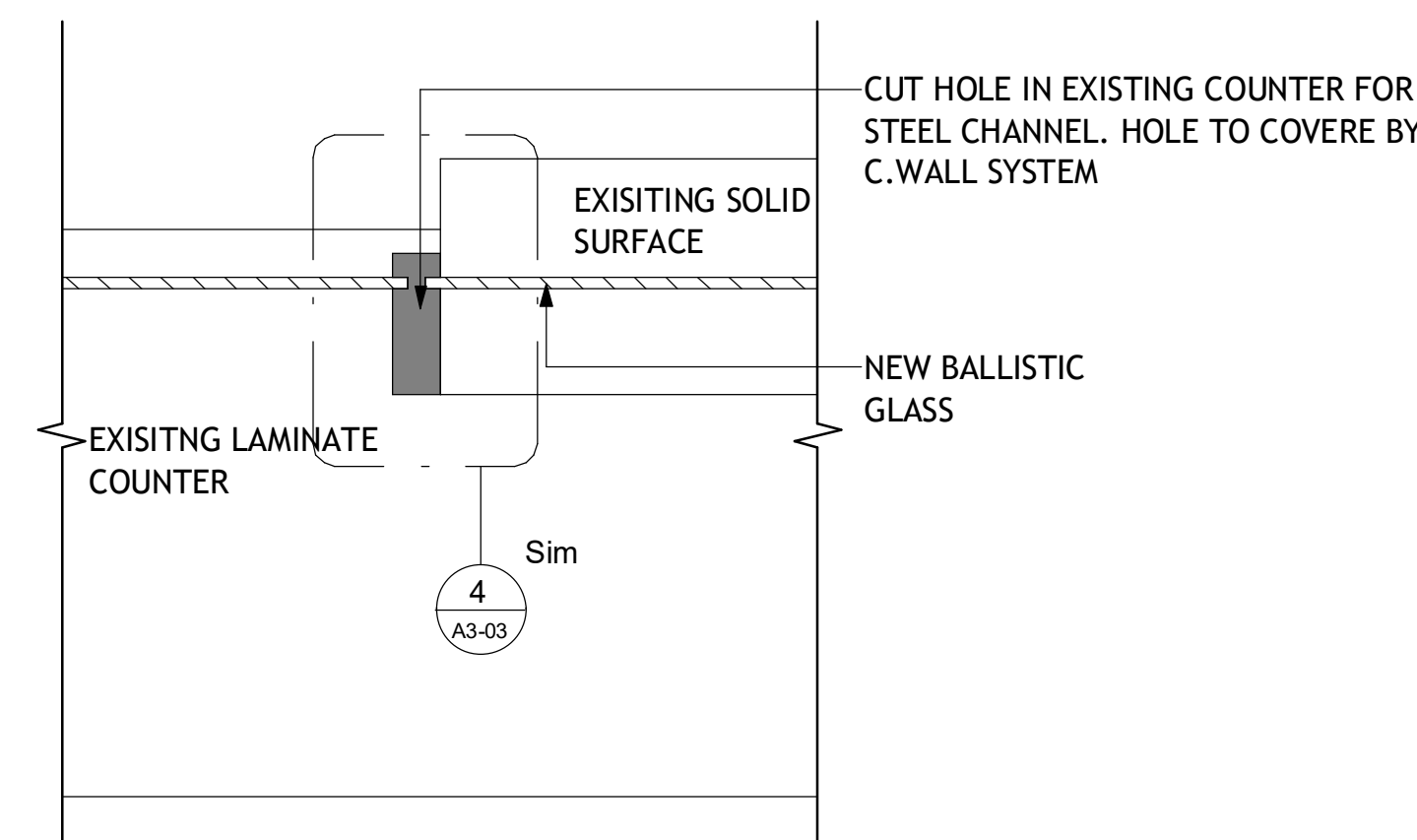
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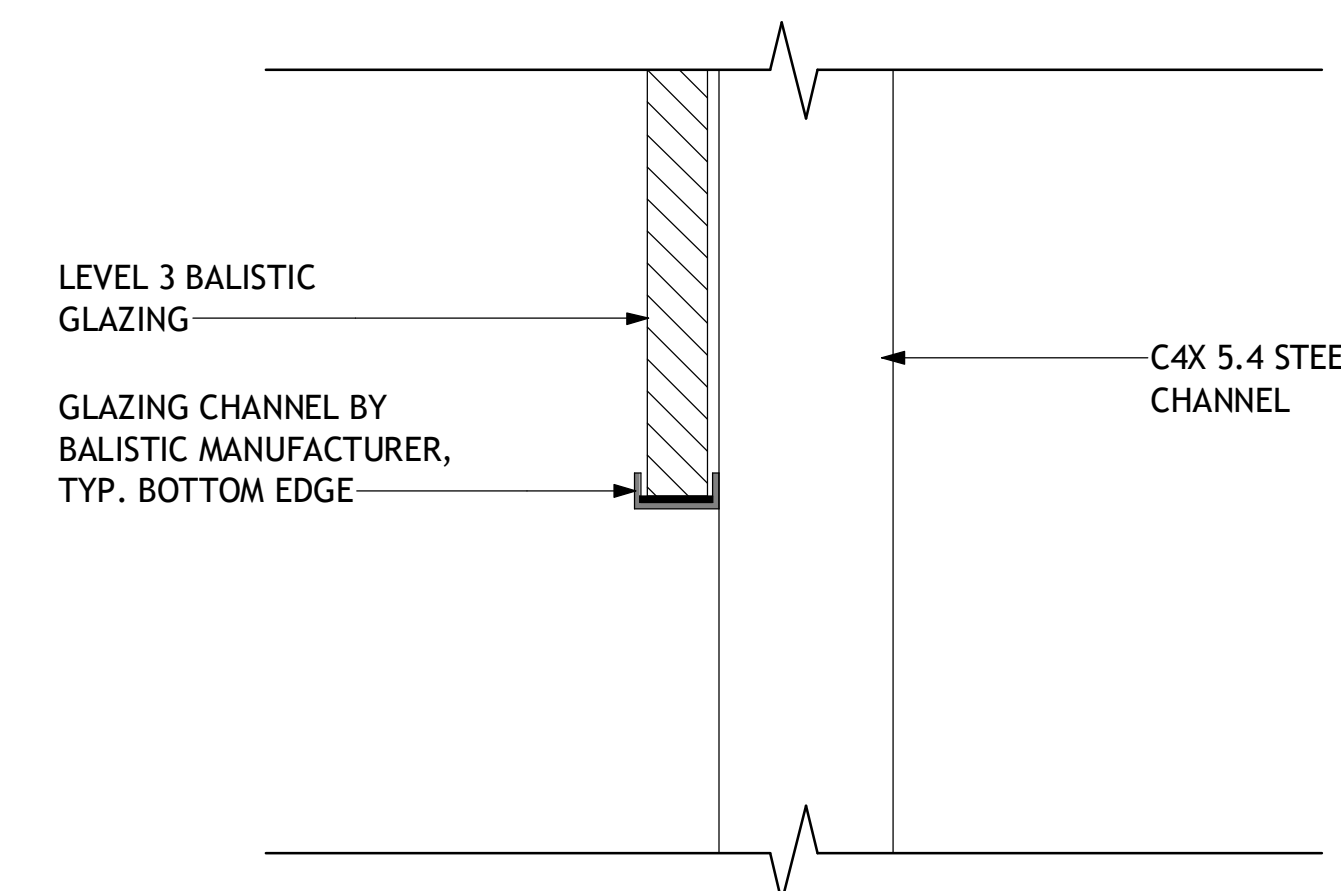
4 PLAN DETAIL @ COLUMN SUPPORT
A3-03 6" = 1'-0"



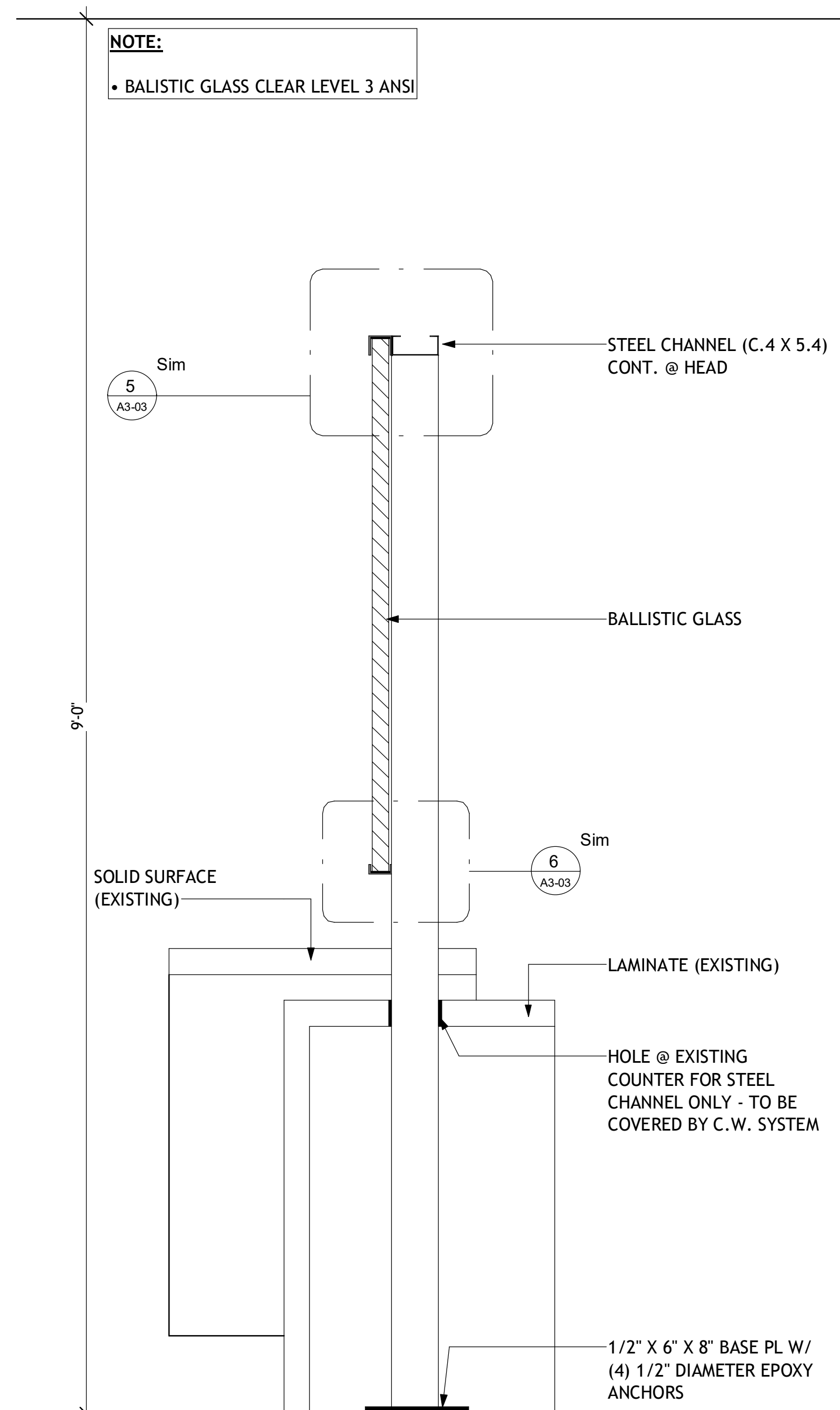
5 TOP OF BALISTIC GLASS DETAIL
A3-03 3" = 1'-0"



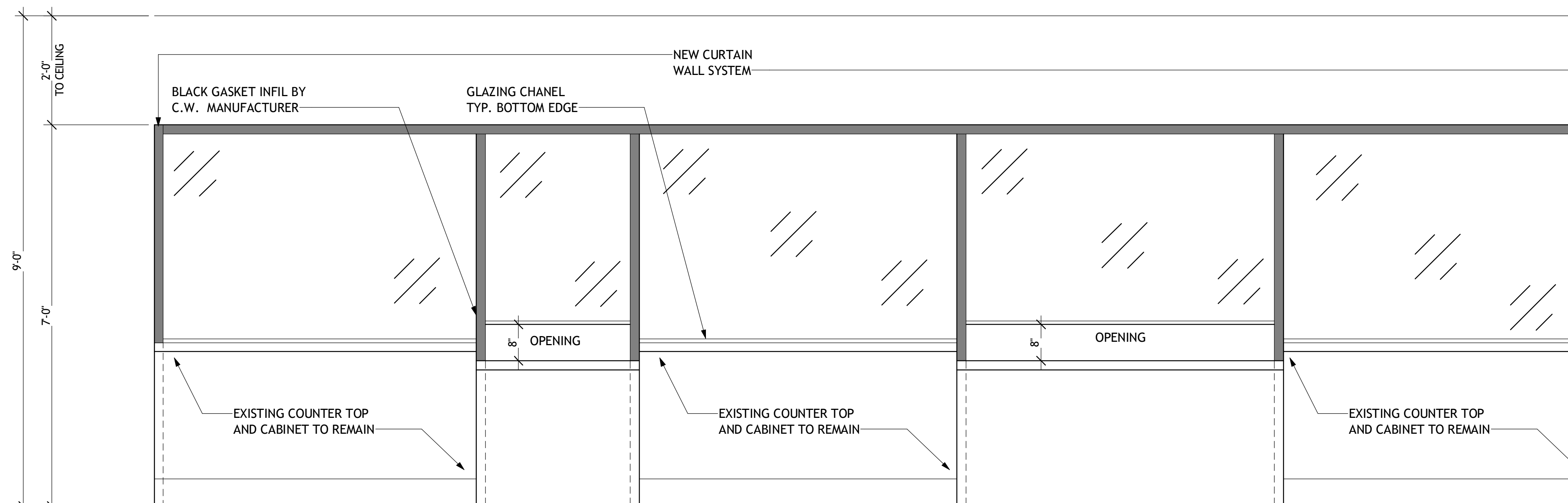
3 PLAN DETAIL @ FINANCE COUNTER
A3-03 1 1/2" = 1'-0"



6 BOTTOM OF BALISTIC GLASS DETAIL
A3-03 3" = 1'-0"



2 SECTION @ FINANCIAL COUNTER
A3-03 1 1/2" = 1'-0"



1 FINANCIAL COUNTER ELEVATION
A3-03 3/4" = 1'-0"

RCP LEGEND	
♀	WALL MOUNTED LIGHTS
⬠	CENTRAL LIGHT (DIRECTIONAL)
⊗	PENDANT LIGHT
⊠	CAN LIGHT
E	EXISTING LIGHT TO REMAIN
⊠	2 X 2 CEILING LED LIGHT FIXTURE
⊠	2 X 2 CEILING SUPPLY DEFFUSER
⊠	2 X 2 CEILING RETURN
⊠	EXIST SIGN
R	KEY CARD ACCESS READER
CEILING TAG.	
??	TYPE MARK
??	HEIGHT

GENERAL DOOR NOTES:

ALL DOORS MARKED WITH E ARE SHOWN TO BE EXISTING AND HAVE NO SCOPE OF WORK.

CEILING LEGEND:

TYPE	DESCRIPTION
A	2 X 2 ACUSTIC CEILING GRID, MATCH EXISTING GRID & PANEL OR REFURBISH IN PLACE
B	5/8" GYP BOARD WITH SUSP. GYP BD GRID SYSTEM
	HATCHED AREA HAS NO SCOPE OF WORK
	EXISTING WALLS
	CEILING TYPE A PROPOSED
	CEILING TYPE B PROPOSED
	CEILING TYPE A EXISTING
	CEILING TYPE B EXISTING

ALL HALF TONED ELEMENTS ARE EXISTING NOT TO BE DEMOLISHED

GENERAL NOTES - POWER/DATA

1. DEVICES SHOWN ARE ARCHITECTURALLY SIGNIFICANT. REFER TO IT/AV AND ELECTRICAL DRAWINGS FOR COMPLETE DOCUMENTATION.
2. ALL OUTLET DIMENSIONS SHOWN TO CENTERLINE OF OUTLET/BOX.
3. ALL OUTLETS SHALL BE 18" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
4. ALL SWITCHES SHALL BE 48" ABOVE FINISH FLOOR, UNLESS NOTED OTHERWISE.
5. IN THE CASE OF MINOR DISCREPANCIES BETWEEN ARCHITECTURAL AND ELECTRICAL AND IT DOCUMENTS, THE ARCHITECTURAL POWER/DATA PLAN SHALL GOVERN. IN THE CASE OF MAJOR DISCREPANCIES, THE ARCHITECT SHALL BE NOTIFIED AS SOON AS THE DISCREPANCY IS DISCOVERED PRIOR TO PROCEEDING WITH THE WORK.
6. REFER TO SHEET XX.XX FOR OUTLET INSTALLATION DETAILS IN RATED AND ACOUSTICAL WALL ASSEMBLIES.
7. REFER TO AX SERIES INTERIOR ELEVATION DRAWINGS FOR ADDITIONAL INFORMATION AND MOUNTING HEIGHTS.
8. FF&E SHOWN IS FOR OUTLET LOCATION COORDINATION ONLY.
9. ALL OUTLETS AND COVER PLATES SHALL MATCH THE ADJACENT WALL FINISH AS BEST POSSIBLE. THE ARCHITECT SHALL BE NOTIFIED FOR UNIQUE FINISHES TO APPROVE THE COVER PLATE COLOR SELECTION.
10. REFER TO MILLWORK DETAIL DRAWINGS FOR OUTLETS OR SWITCHES MOUNTED IN SPECIALTY CONSTRUCTION.

POWER/DATA SYMBOL LEGEND

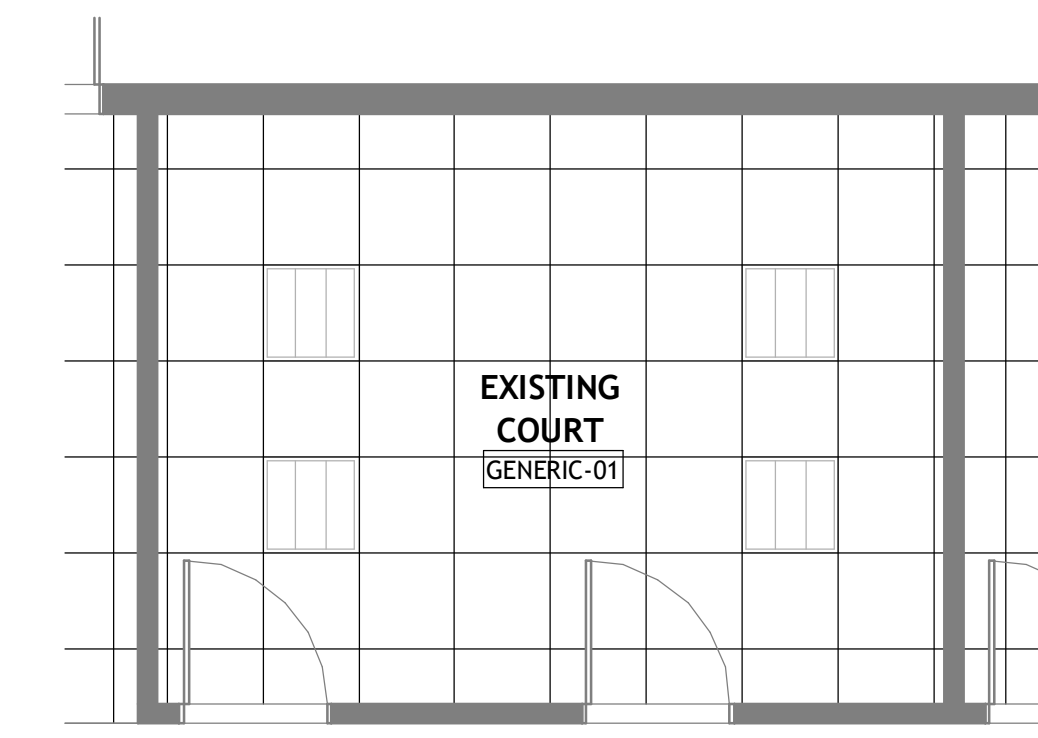
SYMBOL	DESCRIPTION
⊕ 18	OUTLET HEIGHT
⊕	DUPLEX
⊕	QUAD
⊕	DUPLEX EMERGENCY
⊕	QUAD EMERGENCY
⊕	DUPLEX FLOOR OUTLET
⊕	JUNCTION BOX
⊕	TELEPHONE PORT
⊕	TELEPHONE/DATA PORT
⊕	TELEPHONE/DATA PORT

FINISH TAG LEGEND

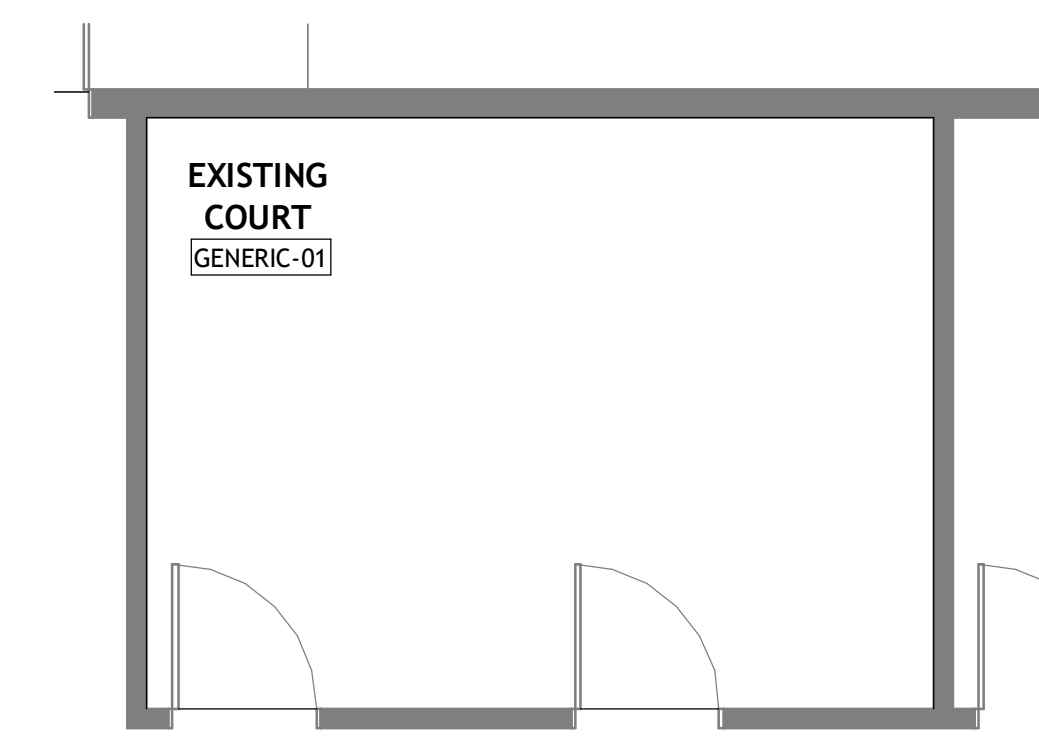
ROOM NAME	NEW OFFICE
ROOM #	#A1-1
MATERIAL NAME	GENERIC

GENERAL NOTES:

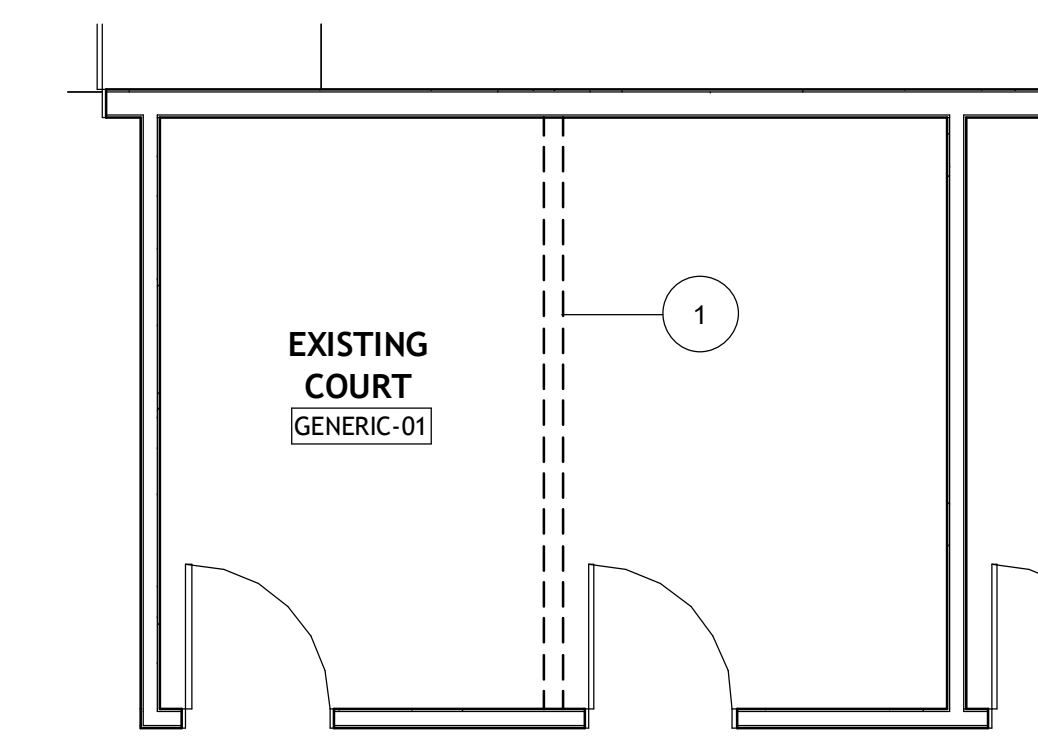
1. ALL WALLS TO BE PAINTED IPT-01, UNLESS OTHERWISE NOTED
2. ALL WALLS TO RECIEVE RB-01, UNLESS OTHERWISE NOTED
3. H.M. FRAMES TO BE PAINTED TO MATCH WALLS
4. REFER TO MILLWORK ELEVATIONS & FINISH LEGEND FOR FINISH INFORMATION AT CABINetry



7 A4.1 ENLARGED EXISTING RCP
A4-01 1/4" = 1'-0"

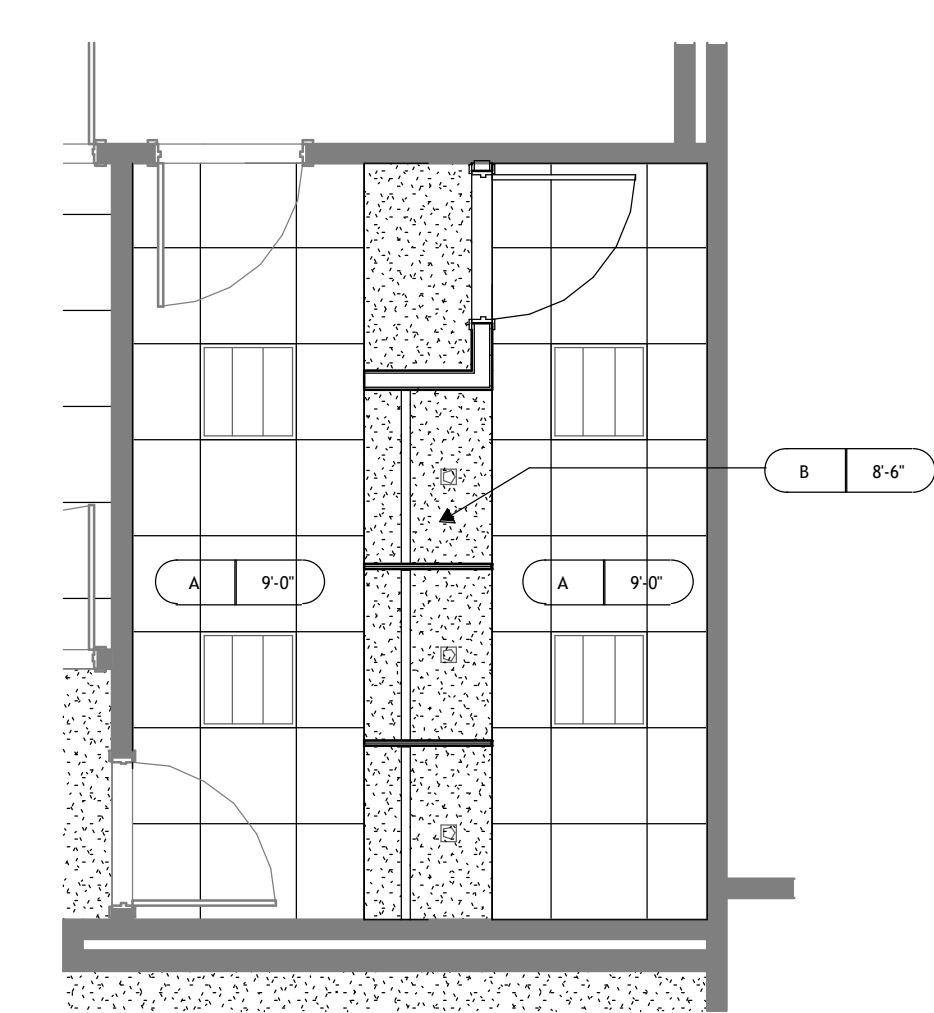


6 A4.1 ENLARGED COURT PLAN
A4-01 1/4" = 1'-0"

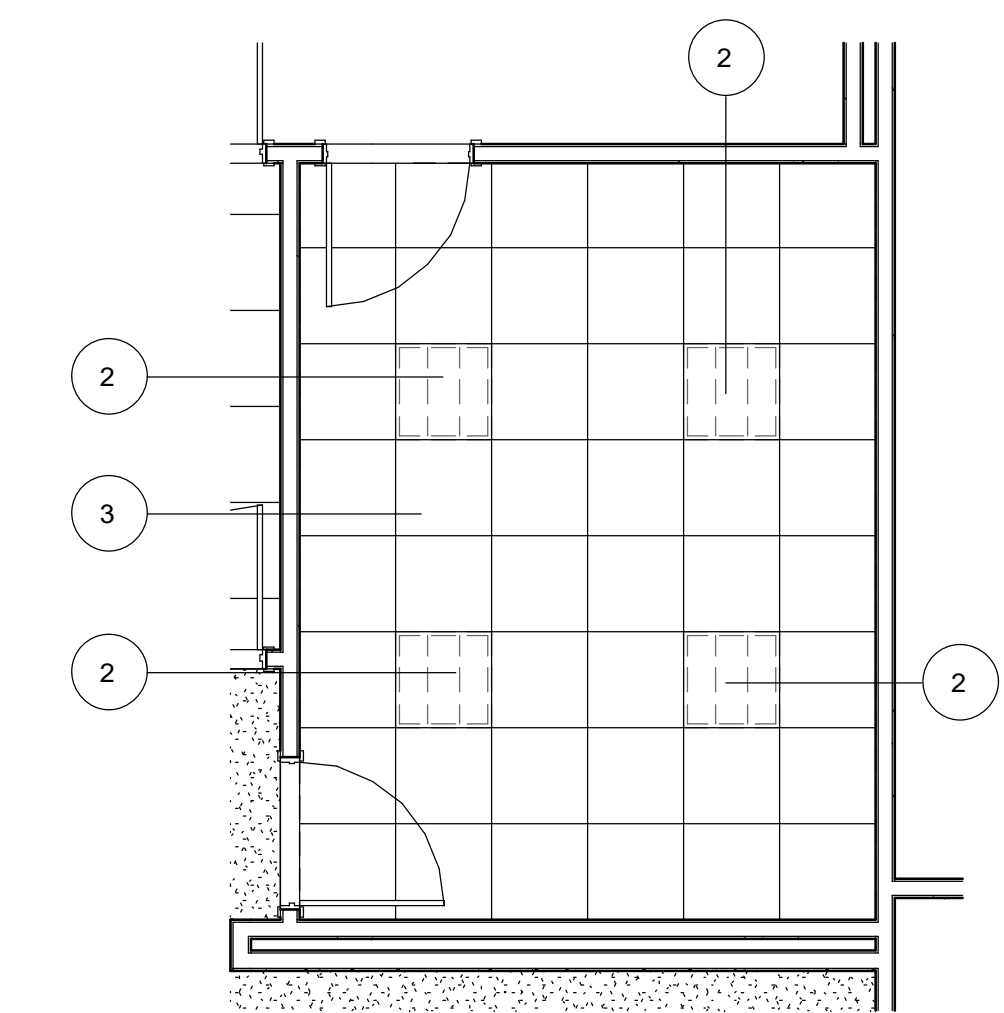


5 A4.1 ENLARGED COURT ROOM DEMO.
A4-01 1/4" = 1'-0"

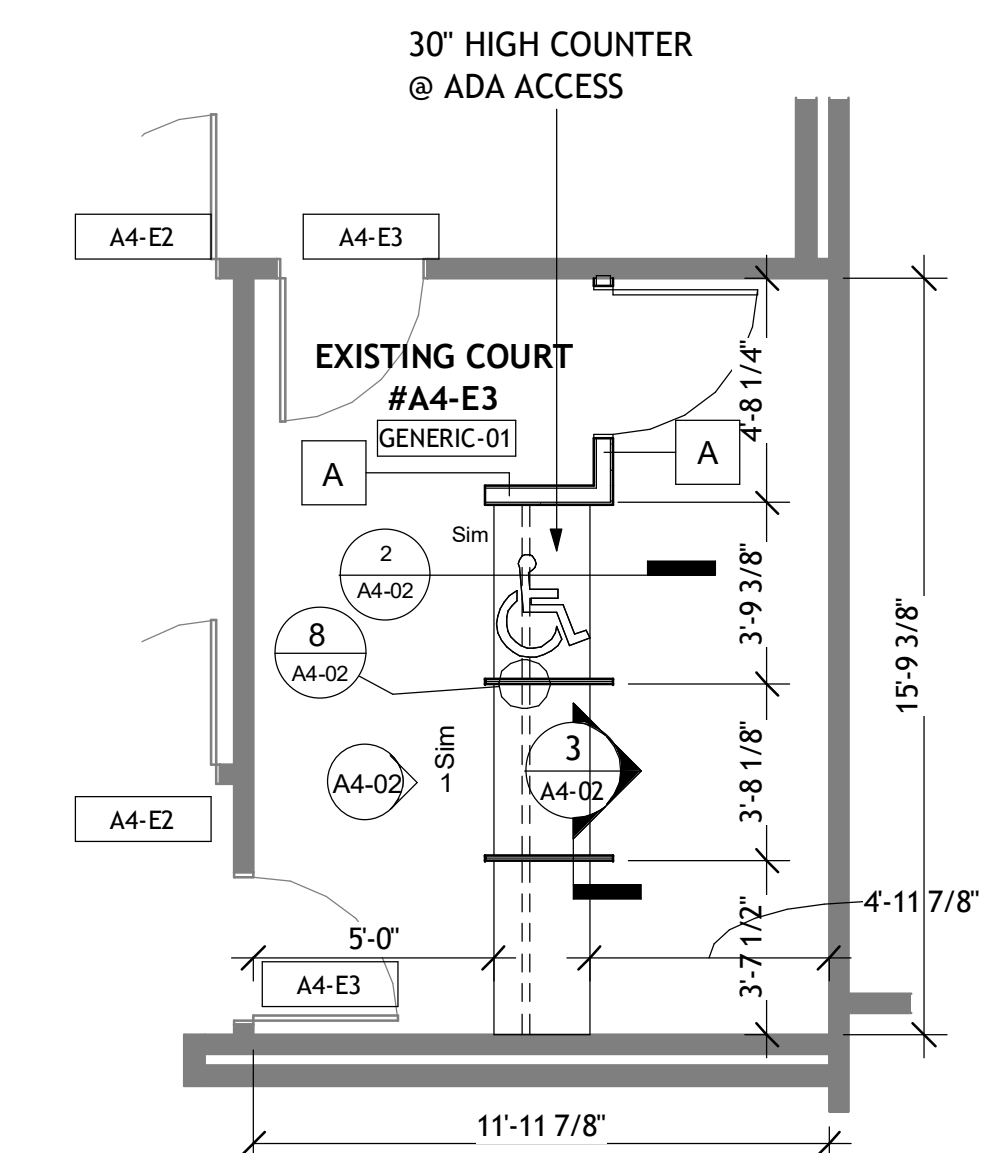
DEMO. KEYNOTES A4	
NUMBER	KEYNOTE
1	EXISTING WALLS, ASSOCIATED ELECTRICAL TO BE DEMOLISHED, FINISH SMOOTH WITH ADJACENT WALL, CEILINGS AND FLOORS.
2	REMOVE EXISTING LIGHT FIXTURE AND SMOOTH WITH WITH ADJACENT SURFACES.
3	REMOVE EXISTING CEILING SYSTEM FINISH SMOOTH WITH ADJACENT CEILING.



3 A4 ENLARGED PROPOSED RCP
A4-01 1/4" = 1'-0"



2 A4 ENLARGED DEMO RCP
A4-01 1/4" = 1'-0"



1 A4 ENLARGED PLAN
A4-01 1/4" = 1'-0"

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revisions

No.	Description	Date

sheet title:

ENLARGED PLANS

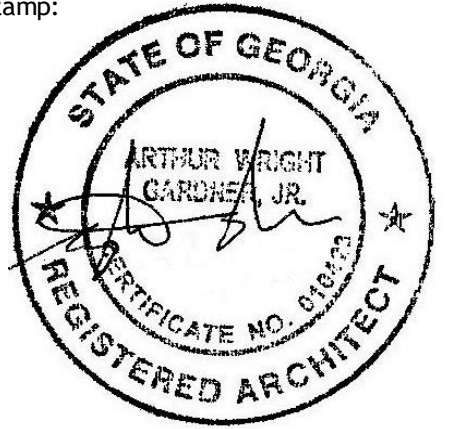
project number: 23-039
drawing date: 12-21-2023
scale: as noted

sheet number:

A4-01

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revisions

No.	Description	Date

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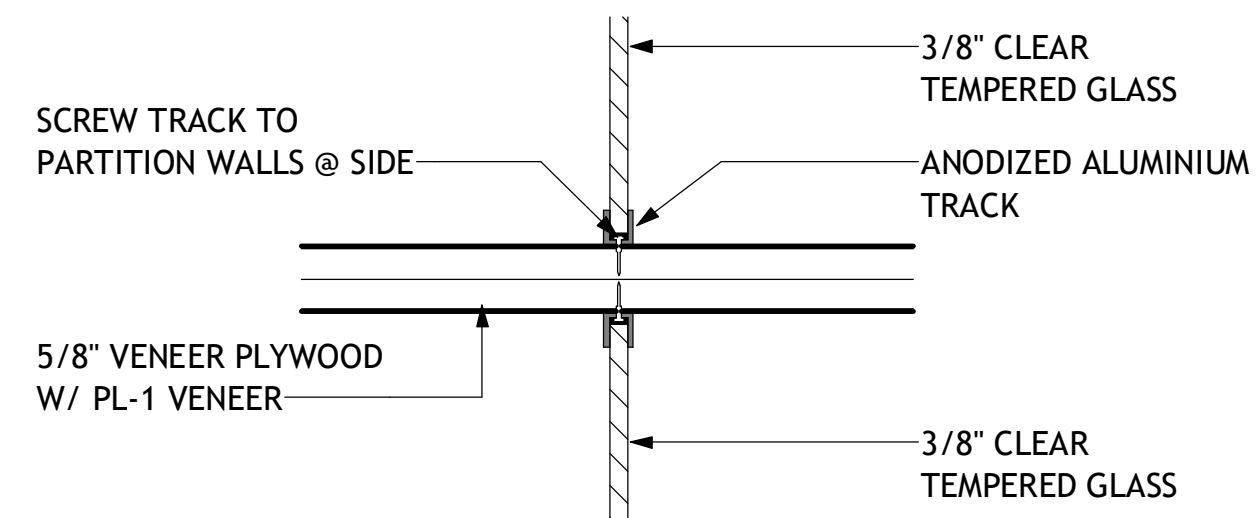
DETAILS

project number: 23-039
drawing date: 12-21-2023
scale: as noted

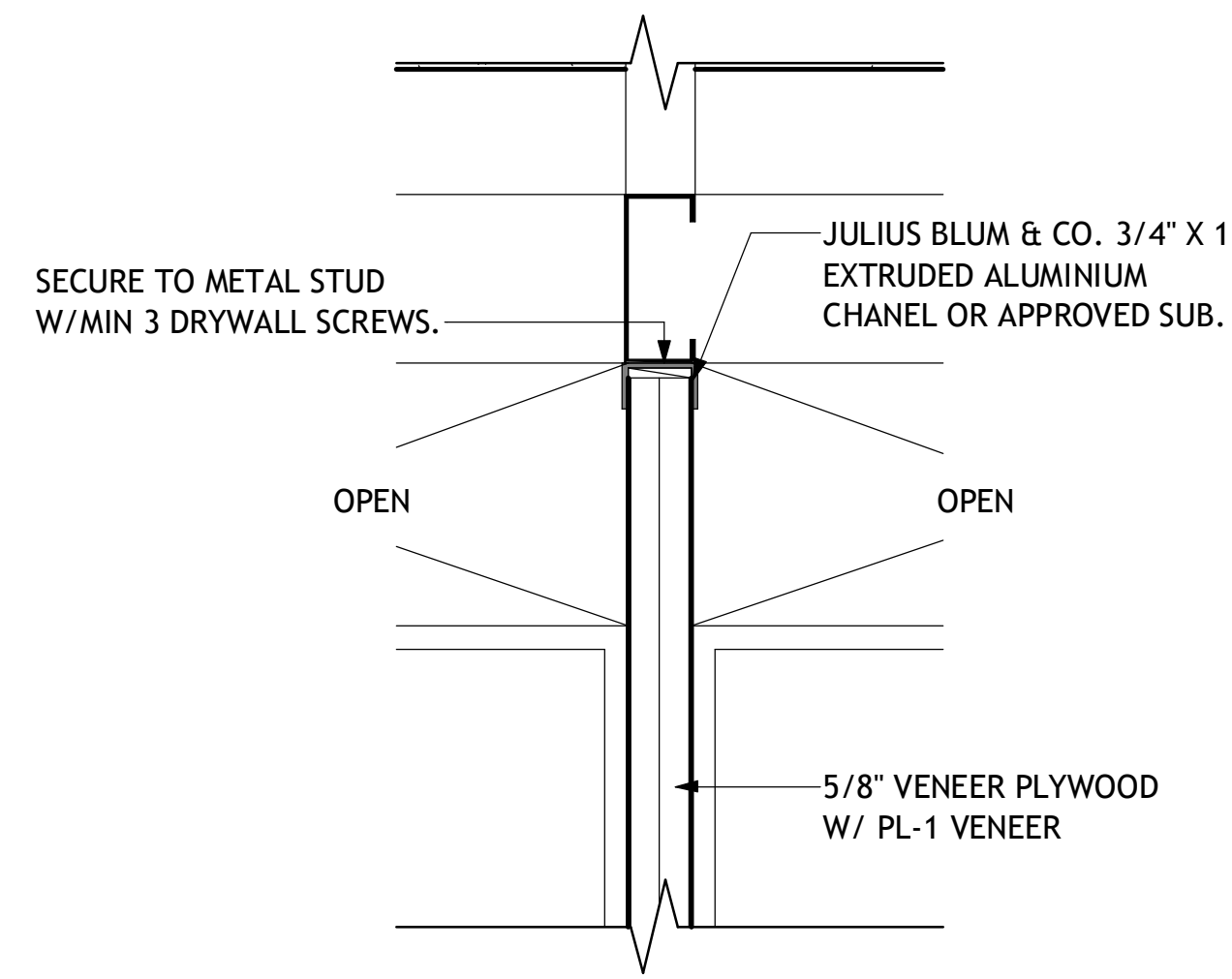
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A4-02

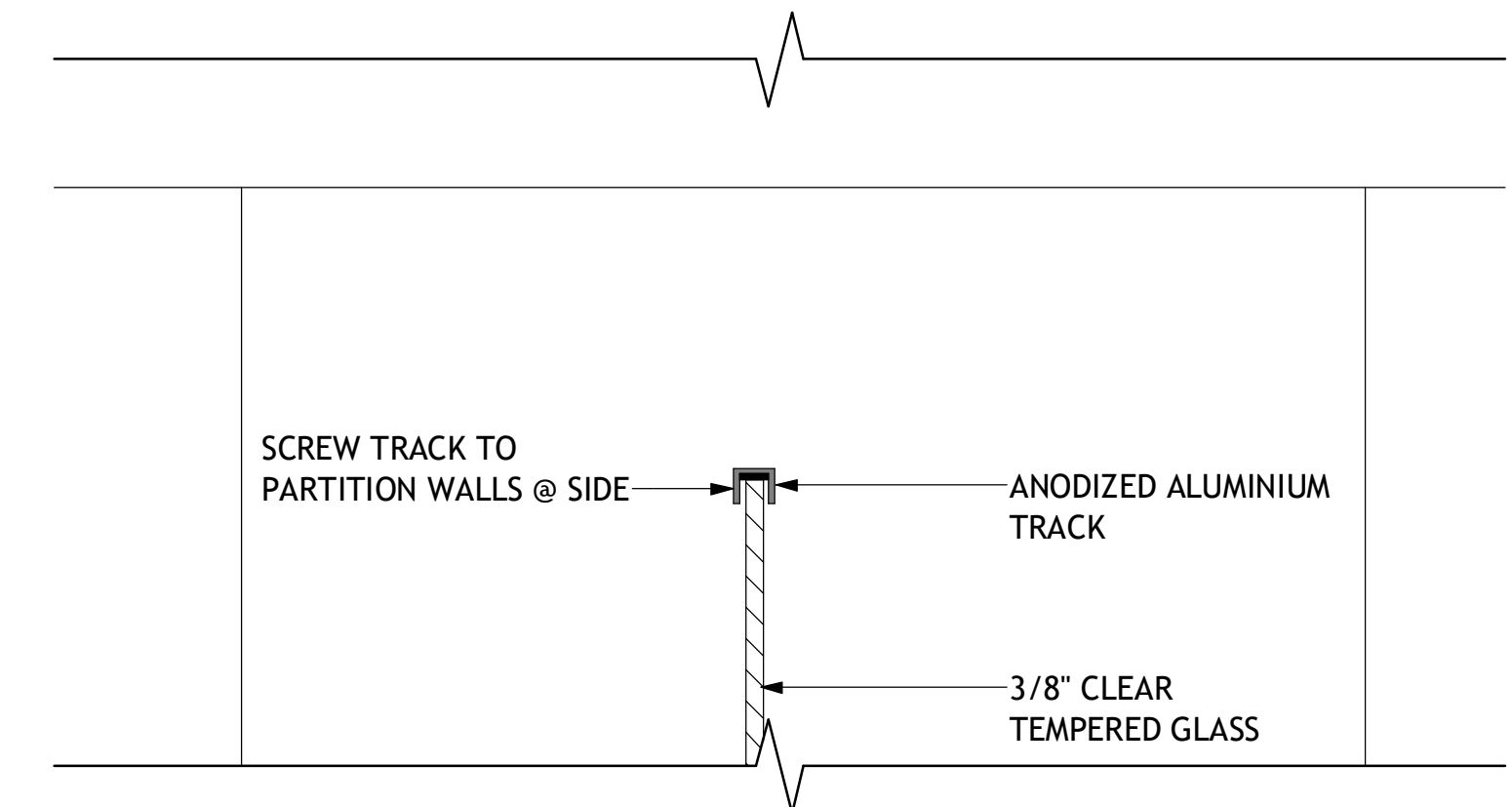
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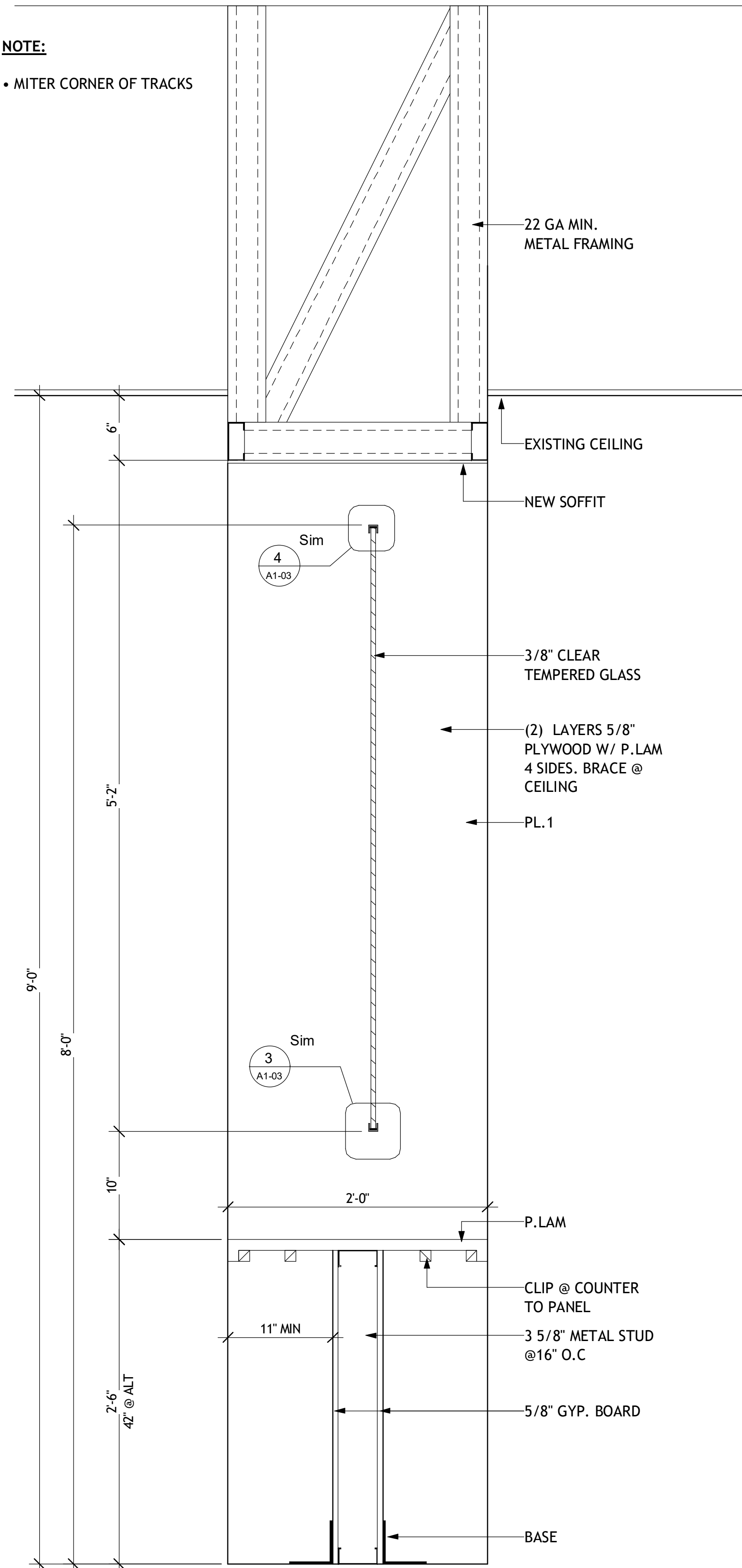
8 CUBICAL WALL DETAIL #3
A4-02 3" = 1'-0"



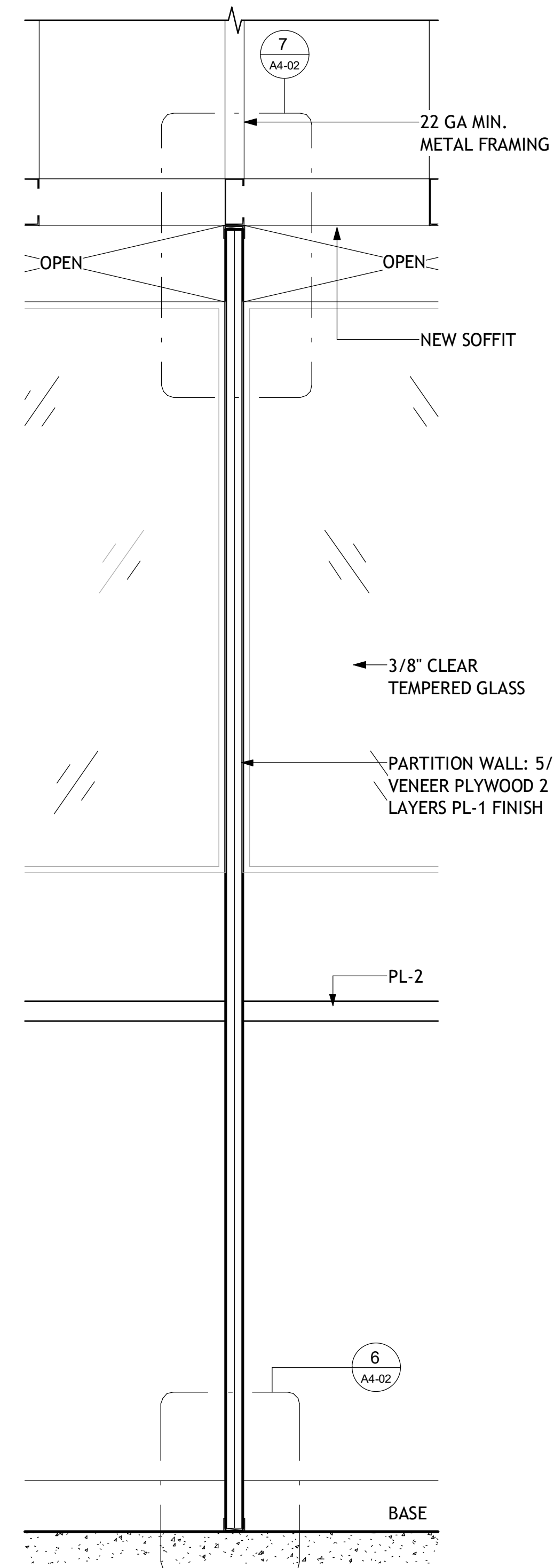
7 CUBICAL WALL DETAIL #2
A4-02 3" = 1'-0"



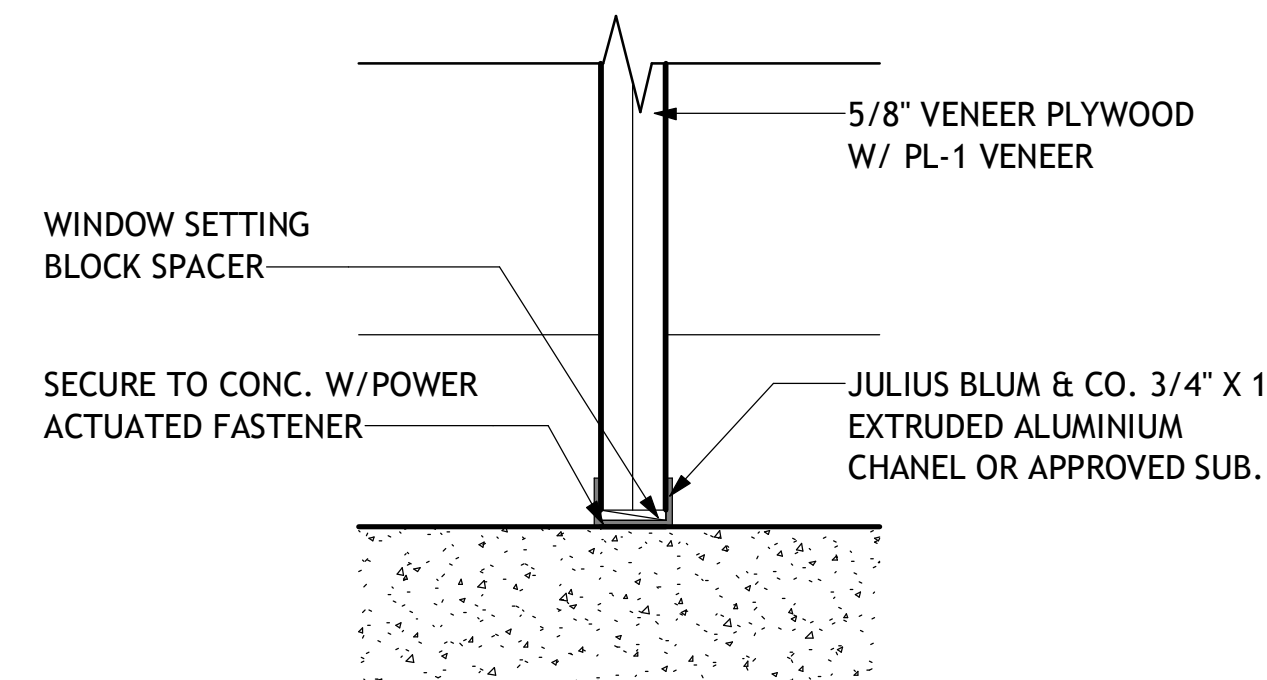
4 TOP OF GLASS DETAIL #2
A4-02 3" = 1'-0"



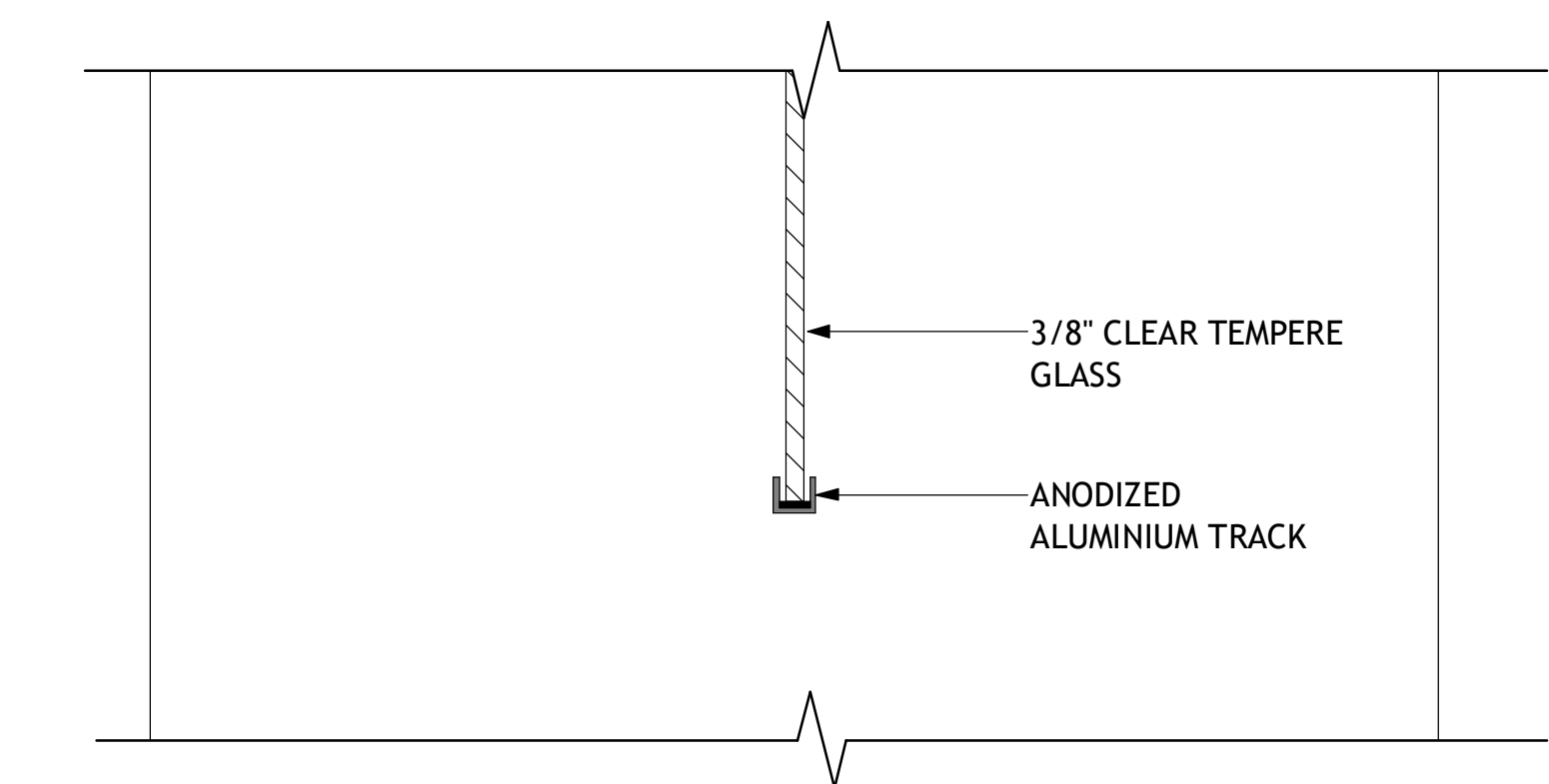
2 SECTION @ COUNTER / ADA
A4-02 1 1/2" = 1'-0"



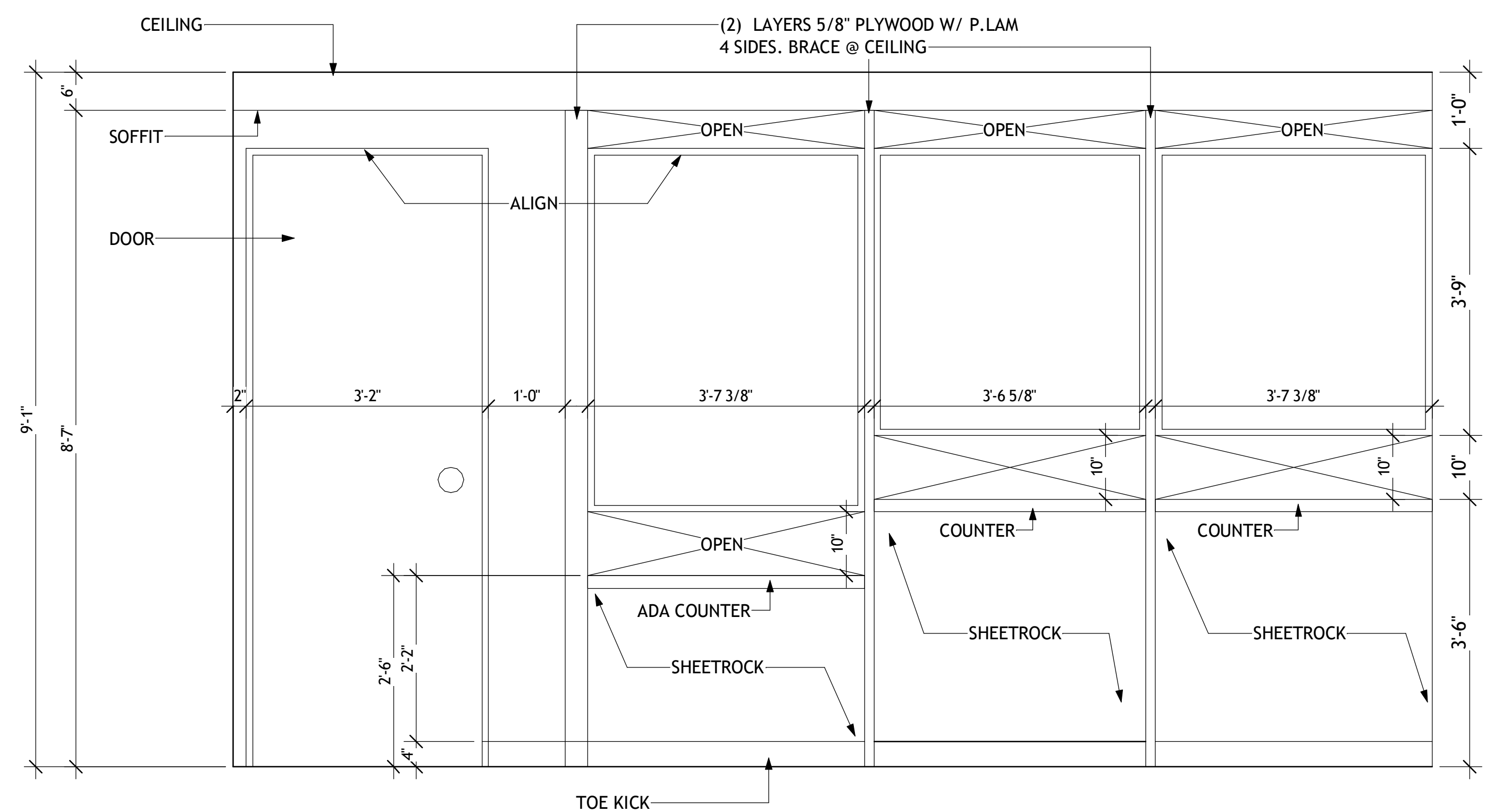
3 CUBICAL PARTITION WALL DETAIL
A4-02 1 1/2" = 1'-0"



6 CUBICAL WALL DETAIL #1
A4-02 3" = 1'-0"



5 BOTTOM OF GLASS DETAIL #2
A4-02 3" = 1'-0"



1 ELEVATION @ COUNTER
A4-02 3/4" = 1'-0"

NOTE:

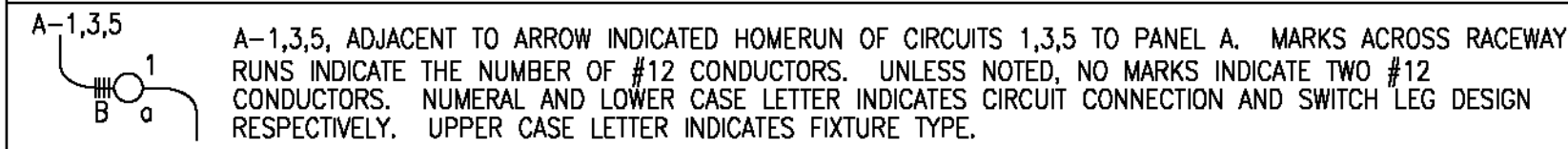
- MITER CORNER OF TRACKS

ELECTRICAL ABBREVIATIONS

ABBREVIATION/DEFINITION		ABBREVIATION/DEFINITION	
A	AMPERE, AMMETER	LV	LOW VOLTAGE
AFF	ABOVE FINISHED FLOOR	MB	MAIN BREAKER
AIC	AMPERE, AMMETER	MCC	MOTOR CONTROL CENTER
C	CONDUIT	MLO	MAIN LUGS ONLY
CU	COPPER	NIC	NOT IN CONTRACT
E	EXISTING	NTS	NOT TO SCALE
EMER	EMERGENCY	OC	OVER COUNTER
G,GND	GROUND	P	POLE, PHASE
GFI	GROUND FAULT INTERRUPTER	P,P.NL	PANELBOARD
HP	HORSEPOWER	R	RELOCATE
HZ	HERTZ	TYP	TYPICAL
IG	ISOLATED GROUND	UG	UNDERGROUND
J	JUNCTION BOX	UNO	UNLESS NOTED OTHERWISE
KVA	KILOVOLT-AMPERES	V	VOLT
KW	KILOWATTS	WP	WEATHERPROOF
LC	LIGHTING CONTACTOR	XFMR	TRANSFORMER
LTG	LIGHTING		

NOTE: THESE ARE STANDARD ABBREVIATIONS, ALL ABBREVIATIONS SHOWN ABOVE MAY NOT APPEAR ON DRAWINGS.

ELECTRICAL LEGEND



- INFORMATION NOTES:
- ALL DIMENSIONS INDICATED IN LEGEND ARE TO CENTERLINE OF OUTLET OR EQUIPMENT AND SHALL BE THE DIMENSIONS USED UNLESS SPECIFICALLY INDICATED OTHERWISE ON THE DRAWINGS.
 - ALL SYMBOLS INDICATED IN THIS LEGEND MAY NOT BE USED ON THE PLANS.
 - DEVICE PLATES FOR RECEPTACLES AND SWITCHES SHALL BE SELECTED BY ARCHITECT.
 - REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF LIGHTING FIXTURES.
 - MOUNTING HEIGHTS FOR LIGHT SWITCHES, RECEPTACLES, FIRE ALARM BREAK-GLASS STATIONS, ETC., AND AUDIO-VISUAL ALARM DEVICES COMPLY WITH A.D.A. DO NOT VARY THESE DIMENSIONS.
 - ALL RECEPTACLES WITHIN 6' OF A SINK SHALL BE GFI TYPE.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
S	SINGLE POLE TOGGLE SWITCH 48" AFF	○ ○	CEILING OR WALL OUTLET AND FIXTURE
S ₃	THREE-WAY TOGGLE SWITCH 48" AFF	● ● ●	WITH EMERGENCY BATTERY BALLAST
S _D	SINGLE POLE DIMMER SWITCH 48" AFF (****)	↔	WALL MOUNTED EMERGENCY FIXTURE
S _w	MOTOR RATED SWITCH W/ OVERLOAD PROTECTION	□	OUTLET AND FLUORESCENT FIXTURE
S _{oc}	WALL MOUNTED VACANCY SWITCH 48" AFF (MANUAL ON/OFF) LUTRON #MS-A102-V OR EQUAL	□	CEILING OUTLET AND FLUORESCENT FIXTURE
⊙	CEILING MOUNTED OCCUPANCY SWITCH WATTSTOPPER DI-355	⊙ ○	WITH EMERGENCY BATTERY BALLAST
⊕	DUPLEX RECEPTACLE 18" AFF (NEMA-5-20R)	↑ ↓	CEILING OR WALL MOUNTED EXIT SIGN (ARROWS DENOTE DIRECTION OF EGRESS)
⊕	DUPLEX SWITCHED RECEPTACLE 18" AFF	⊕ ⊙	CEILING OR WALL MOUNTED JUNCTION BOX
⊕	DOUBLE DUPLEX RECEPTACLE 18" AFF	⊕	SPECIAL RECEPTACLE AS NOTED 18" AFF
+XX ⊕	DUPLEX 20A RECEPTACLE - XX" AS NOTED ON PLANS. "OC" DESIGNATES OUTLETS TO BE INSTALLED ABOVE COUNTER TOPS. INSTALL SUCH DEVICES HORIZONTALLY 4" ABOVE COUNTER TOP TO CENTER OF OUTLET BOX, OR AS INDICATED ON ARCHITECTURAL DRAWINGS. "USB" INDICATES DUPLEX REC. WITH 2 USB	▽	VOICE/DATA OUTLET 18" AFF (*)
⊕	LEGRAND RFB SERIES FLOOR BOX WITH REC. SHOWN AND DATA AS REQUIRED. REFER TO ARCH FOR COLOR.	▽	TELEPHONE OUTLET 18" AFF (*)
⊕	FIRE ALARM SYSTEM PULL STATION 48" AFF	TV	TELEVISION OUTLET 18" AFF (*)
⊕	FIRE ALARM SYSTEM STROBE-ONLY SIGNAL (**)	⊕	FIRE ALARM CONTROL PANEL
⊕	FIRE ALARM SYSTEM HORN/STROBE SIGNAL (**)	⊕	FIRE ALARM ANNUNCIATOR PANEL
⊕	PANELBOARD (FLUSH OR SURFACE MOUNTED)	⊕	FIRE ALARM DOOR HOLD OPEN DEVICE (***)
⊕	FLEXIBLE METALLIC RACEWAY (6' MAXIMUM LENGTH)	⊕	WALL/CEILING MOUNTED SMOKE DETECTOR (***)
⊕	RACEWAY INSTALLED CONCEALED IN WALLS AND/OR ABOVE CEILING	⊕	DUCT MOUNTED SMOKE DETECTOR- COORDINATE WITH MECHANICAL ENGINEER (***)
⊕	TERMINATE CONDUIT ABOVE CEILING (PROVIDE INSULATED THROAT BUSHING)	⊕	WALL/CEILING MOUNTED HEAT DETECTOR (***)
⊕	MOTOR	⊕	SPRINKLER FLOW SWITCH (***)

- * PROVIDE 4"x4" BOX, PLASTER RING, AND 3/4" (OR SIZE AS INDICATED ON THE DRAWINGS) CONDUIT FROM OUTLET ABOVE CEILING AREA WITH PULLSTRING WIRE FOR CABLING BY OWNER'S VENDOR.
- ** 80" AFF OR 6" BELOW FINISHED CEILING. ALIGN WITH WALL SWITCH WHERE APPLICABLE.
- *** TIE INTO FIRE ALARM PANEL.
- **** COORDINATE AND VERIFY THAT LIGHTING FIXTURE PACKAGE IS COMPATIBLE WITH DIMMING DEVICE BEING PROVIDED.

ELECTRICAL SPECIFICATIONS:

1. THE PLANS ACCOMPANYING THESE SPECIFICATIONS ARE GENERALLY DIAGRAMMATIC AND DO NOT SHOW ALL DETAILS REQUIRED FOR THE COMPLETE WORK. ESTABLISH DETAILS OF THE WORK AS NECESSARY TO PROVIDE FOR THE COMPLETE INSTALLATION OF SYSTEMS AND MATERIALS. ARRANGE THE WORK SO AS TO AVOID INTERFERENCE WITH OTHER BUILDING COMPONENTS OR SYSTEMS AS ACTUALLY INSTALLED. LAY OUT THE WORK AND BE RESPONSIBLE FOR LOCATIONS, LEVELS, GRADES, AND ARCHITECTURAL OR STRUCTURAL FEATURES SUCH AS BEAMS, FIRE BARRIERS, CEILING TYPES AND HEIGHTS, SLAB OR WALL THICKNESS, CABINET HEIGHTS, OR DOOR SWINGS. DO NOT SCALE THE PLANS FOR ANY DIMENSION. VERIFY DIMENSIONS BEFORE STARTING WORK AND REPORT ANY DISCREPANCY OR INTERFERENCE TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION.

2. PROVIDE A LICENSED MASTER ELECTRICIAN TO DEVELOP DETAILS OF THE WORK FOR EACH SYSTEM, AND IF REQUIRED TO CERTIFY SAID WORK TO BUILDING OFFICIALS. PERFORM WORK ON A SCHEDULE AS NECESSARY TO INTERFACE WITH OTHER TRADES.

3. WORK SHALL BE FURNISHED AND INSTALLED AS A MINIMUM IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS AND RECOMMENDATIONS OF THE LATEST LOCALLY ADOPTED EDITION OF THE FOLLOWING CODES AND STANDARDS:

- NATIONAL ELECTRICAL CODE (NEC), NFPA-70.
- OTHER NFPA STANDARDS APPLICABLE TO THIS PROJECT
- NEMA, IEEE, AND ANSI STANDARDS APPLICABLE TO THIS PROJECT.
- UL, STANDARDS AND LISTING REQUIREMENTS.
- FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, CODES, AND RULINGS OF BUILDING OFFICIALS HAVING JURISDICTION, INCLUDING BUT NOT LIMITED TO THE STATE BUILDING CODE.

9. MATERIALS FURNISHED SHALL BE NEW. MATERIALS SHALL BE MANUFACTURER'S STANDARD ESTABLISHED PRODUCT LINE, AND SHALL BE LISTED AND LABELED FOR THE APPLICATION BY UNDERWRITER'S LABORATORIES (UL), OR SHALL BE CERTIFIED BY OTHER APPROVED LABORATORY OR BY THE BUILDING OFFICIAL HAVING JURISDICTION.

10. CONDUCTORS FOR BRANCH CIRCUITS SHALL BE COPPER WITH 600V TYPE THWN INSULATION. CONDUCTORS SHALL BE STRANDED FOR SIZES #8 AND LARGER; SOLID FOR SIZES #10 AND SMALLER. BRANCH CIRCUIT CONDUCTORS SHALL BE #12 MINIMUM SIZE. CONDUCTORS SHALL BE COLOR CODED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE REQUIREMENTS. LIGHTING AND POWER WIRING FOR CIRCUITS LESS THAN 100 FEET SHALL BE #12 AWG, UNLESS NOTED, WIRE SIZES SHALL BE #10 FOR CIRCUITS GREATER THAN 100 FEET. CONTRACTOR SHALL FIELD COORDINATE EXACT DISTANCES AND ADJUST WIRE SIZES AS NECESSARY IN ORDER TO MAINTAIN MAXIMUM NEC RECOMMENDED VOLTAGE DROP OF 3%. NOT MORE THAN (3) LIGHTING OR CONVENIENCE OUTLET CIRCUITS IN ONE CONDUIT UNLESS OTHERWISE NOTED.

11. WHERE REQUIRED, CONDUITS SHALL BE ELECTRICAL METALLIC TUBING (EMT) EXCEPT FOR THE FOLLOWING CONDITIONS:

- CONDUITS WHICH PENETRATE THE BUILDING ROOF OR EXTERIOR SHALL BE GALVANIZED RIGID STEEL (GRS) OR INTERMEDIATE METAL CONDUIT (IMC).
- CONDUITS INSTALLED WITHIN CONCRETE SLABS SHALL BE GRS, IMC, OR SCHEDULE 40 HEAVY WALL PVC. WHERE TRANSITION IS MADE FROM RACEWAY IN SLAB TO ANY TYPE OF RACEWAY OUT OF SLAB, MAKE TRANSITION WITH A RIGID GALVANIZED ELBOW.
- CONDUITS INSTALLED IN DIRECT CONTACT WITH EARTH SHALL BE SCHEDULE 40 PVC.
- TYPE MC CABLE SHALL BE ALLOWED WITHIN WALLS TO RECEPTACLES AND NOT BE USED ABOVE CEILING FOR ANY BRANCH CIRCUIT WORK EXCEPT FOR FINAL CONNECTIONS TO LIGHT FIXTURES IN LENGTHS OF 6' OR LESS. MAINTAIN GROUND CONTINUITY THROUGH FLEXIBLE CONDUIT WITH A GREEN EQUIPMENT GROUNDING CONDUCTOR. LIQUID-TIGHT FLEXIBLE CONDUIT SHALL BE USED IN EXTERIOR INSTALLATIONS, AND IN KITCHEN AND LAUNDRY AREAS.

15. EMT CONDUIT COUPLINGS AND CONNECTORS SHALL BE STEEL RAIN-TIGHT TYPE. ALL EMT CONNECTORS SHALL BE INSULATED THROAT TYPE. GRS AND IMC FITTINGS SHALL BE STANDARD THREADED COUPLINGS, LOCKNUTS, BUSHINGS, AND ELBOWS. ALL GRS AND IMC FITTINGS SHALL BE STEEL OR MALLEABLE IRON; SET SCREW OR NON-THREADED FITTINGS ARE NOT PERMITTED. NON-METALLIC CONDUIT FITTINGS SHALL BE OF THE SAME MATERIAL AS THE CONDUIT FURNISHED AND SHALL BE THE PRODUCT OF THE SAME MANUFACTURER.

12. FOR GENERAL WIRING IN ORDINARY LOCATIONS FOR POWER AND LIGHTING CIRCUITS, CONDUCTORS SHALL BE RATED 60 HERTZ, 600 VOLTS, WITH 75°C OR 90°C INSULATION AS FOLLOWS:

- WET LOCATIONS: THW, THWN, OR XHHW.
- DRY LOCATIONS: THW, THWN, XHHW, OR THHN.
- CONDUCTORS FOR CIRCUITS REQUIRING 90°C OR HIGHER RATING, SHALL BE OF THHN OR XHHW AS APPLICABLE, OR OTHER APPROVED TYPE.

LIGHTING AND POWER WIRING FOR CIRCUITS LESS THAN 100 FEET SHALL BE #12 AWG, UNLESS NOTED, WIRE SIZES SHALL BE #10 FOR CIRCUITS GREATER THAN 100 FEET. CONTRACTOR SHALL FIELD COORDINATE EXACT DISTANCES AND ADJUST WIRE SIZES AS NECESSARY IN ORDER TO MAINTAIN MAXIMUM NEC RECOMMENDED VOLTAGE DROP OF 3%.

13. INSULATION RATED FOR 90°C SHALL BE USED WHERE NECESSARY DUE TO THE TEMPERATURE RATING OF CONNECTED EQUIPMENT, THE AMBIENT SPACE, THE GROUPING OF

CONDUCTORS, OR OTHER REASON. JOINTS ON CONDUCTORS RATED ABOVE 75°C SHALL BE INSTALLED CONCEALED, OR MADE-UP WITH MATERIALS HAVING A SUITABLE HIGH TEMPERATURE RATING.

14. RACEWAYS AND CABLE SHALL BE INSTALLED CONCEALED, EXCEPT THAT RACEWAYS DESIGNED ONLY FOR SURFACE MOUNTING.

15. JUNCTION OR PULL BOXES SHALL BE PROVIDED WHERE INDICATED OR WHERE NECESSARY TO AVOID EXCESSIVE RUNS OR TOO MANY BENDS BETWEEN OUTLETS.

16. EXPOSED RACEWAYS SHALL BE PARALLEL OR PERPENDICULAR TO STRUCTURAL MEMBERS OR ARCHITECTURAL FEATURES. CONCEALED CONDUIT RACEWAYS SHALL BE RUN IN A DIRECT MANNER WITH AS FEW BENDS AS FEASIBLE, AND SHALL BE COORDINATED WITH STRUCTURAL, MECHANICAL AND ARCHITECTURAL REQUIREMENTS.

17. RACEWAY OR CABLE, ETC. THAT PENETRATES A FIRE BARRIER, SUCH AS FIRE OR SMOKE RATED SLAB, WALL, CEILING, OR OTHER ELEMENT, SHALL BE INSTALLED WITH MATERIALS AND METHODS APPROVED FOR THE APPLICATION BY LOCAL BUILDING OFFICIALS. BE RESPONSIBLE FOR IDENTIFYING EACH FIRE BARRIER FROM THE ARCHITECTURAL PLANS, AND FOR SECURING APPROVAL OF MATERIALS AND METHODS TO BE USED FOR EACH TYPE PENETRATION.

18. ELECTRICAL SYSTEMS, EQUIPMENT, AND SUPPORTING STRUCTURES SHALL BE EFFECTIVELY GROUNDED. BONDING JUMPERS SHALL BE PROVIDED WHERE NECESSARY. PROVIDE INSULATED GROUNDING CONDUCTORS IN ALL CONDUITS.

RENOVATION AND DEMOLITION WORK - ADDITIONAL REQUIREMENTS:

19. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH EXISTING CONDITIONS, FIELD VERIFY DEVICE AND EQUIPMENT LOCATIONS, CONDUIT ROUTING, ETC. BEFORE SUBMITTING A BID. ANY DISCREPANCIES SHALL BE REPORTED IN WRITING TO THE ARCHITECT PRIOR TO BID.

20. EXISTING CIRCUITS (BOTH POWER AND SIGNALLING SYSTEMS) INDICATED ARE DIAGRAMMATIC ONLY, AND ARE BASED ON OWNERS' AS-BUILT DRAWINGS, VISUAL OBSERVATION, AND/OR BEST AVAILABLE INFORMATION. FIELD VERIFY EXACT ROUTING OF EXISTING CONDUITS, QUANTITIES OF CONDUCTORS, AND CIRCUIT CONNECTIONS. REGARDLESS OF EXISTING CONDITIONS SHOWN ON THE DRAWINGS, PROVIDE ADDITIONAL CONDUITS/CONDUCTORS AS NECESSARY TO ACCOMPLISH DESIGN INTENT.

21. FIELD VERIFY LOCATIONS AND OPERATIONAL CONDITIONS OF EXISTING EXIT SIGNS, EGRESS LIGHTING FIXTURES, AND FIRE ALARM SYSTEMS. WHERE EXISTING EXIT/EGRESS LIGHTING SYSTEM FIXTURES AND THEIR ASSOCIATED BATTERY BACKUP SYSTEMS DO NOT PROVIDE ILLUMINATION REQUIRED BY NFPA-101 (LIFE SAFETY CODE), UPGRADE FIXTURES AS REQUIRED. VERIFY THAT FIRE ALARM SYSTEM IS OPERATING PER NFPA-101 (LIFE SAFETY CODE), UPGRADE SYSTEM IF REQUIRED.

22. ALL EXISTING CIRCUIT BREAKERS SERVING EMERGENCY CIRCUITS SHALL BE FIELD VERIFIED, LOCATED, AND EQUIPPED WITH A RED HANDLE LOCKING DEVICE. EACH SUCH BREAKER SHALL BE LABELED IN THE PANEL DIRECTORY "EMERGENCY - DO NOT TURN OFF".

23. UPDATE DIRECTORIES IN ALL EXISTING PANELS TO REFLECT CHANGES, DELETIONS AND ADDITIONS BY THIS RENOVATION.

24. ANY ELECTRICAL DEVICES LEFT WITHOUT POWER DUE TO THIS RENOVATION SHALL BE RECONNECTED TO SAME SIZE CIRCUIT(S) AS PREVIOUSLY SERVED, UNLESS OTHERWISE SHOWN ON THE DRAWINGS. NO ELECTRICAL DEVICES OR EQUIPMENT TO REMAIN SHALL BE LEFT WITHOUT POWER CONNECTION.

FIRE ALARM SYSTEM

25. EXISTING FIRE ALARM EQUIPMENT (PULL STATION, SMOKE DETECTORS, WARDEN STATIONS, ETC.) SHALL REMAIN OR RELOCATE TO NEARBY LOCATIONS TO ACCOMMODATE NEW CONDITIONS. CONTRACTOR SHALL PROVIDE DESIGN TO MODIFY AND ADD TO EXISTING FIRE ALARM SYSTEM AS NECESSARY. ALL WORK SHALL BE COORDINATED WITH BUILDING AUTHORITIES. FINAL CONNECTIONS TO BUILDING FIRE ALARM SYSTEM TO BE DONE BY BUILDING APPROVED CONTRACTOR. INSTALL NEW FIRE ALARM DEVICES AS INDICATED ON FLOOR PLANS. VERIFY PROPER COVERAGE OF DEVICES SHOWN AND PROVIDE ADDITIONAL DEVICES AS NECESSARY AS PART OF THEIR DESIGN.

26. THE BASE BUILDING FIRE ALARM CONTROL PANEL SHALL BE UPGRADED AS REQUIRED TO HANDLE THE NEW VISUAL ALARM SIGNAL DEVICES SHOWN ON THE PLANS. UPGRADE EXISTING BUILDING SYSTEM AS REQUIRED INCLUDING (BUT NOT LIMITED TO) NEW POWER SUPPLIES, BATTERIES, AMPLIFIERS, CABINETS, ZONE MODULES, ETC. PROVIDE VOICE EVACUATION SYSTEM AS REQUIRED BY THE BUILDING OCCUPANCY AND LOCAL AUTHORITY HAVING JURISDICTION.

27. ALL WORK AFFECTING THE EXISTING BUILDING ALARM SYSTEM MUST BE PERFORMED IN STRICT ACCORDANCE WITH BUILDING RULES AND REGULATIONS. ALL DEVICES SHALL MEET A.D.A. CRITERIA. REPLACE EXISTING DEVICES IF THEY DO NOT MEET A.D.A. CRITERIA.

28. CONTRACTOR SHALL SUBMIT COMPLETE DOCUMENTATION SHOWING THE TYPE, SIZE, RATING, STYLE, CATALOG NUMBER, MANUFACTURERS' NAMES, PHOTOS, AND/OR CATALOG DATA SHEETS FOR ALL ITEMS TO ENSURE COMPLIANCE WITH THESE SPECIFICATIONS.

29. ONLY EQUIPMENT DEVICES HAVE BEEN SHOWN ON THE CONTRACT DRAWINGS. ANY SPECIFIC WIRING BETWEEN EQUIPMENT SHOWN IS NOT FOR CONSTRUCTION PURPOSES. CONTRACTOR SHALL SUBMIT FOR APPROVAL THE COMPLETE LAYOUT OF THE ENTIRE SYSTEM, SHOWING WIRING AND ALL EQUIPMENT.

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	WATTS	MAKE: MODEL
A	RECESSED 2x2, 0-10V DIMMING	30W	LITE CONTROL SAE-301-D-22-SGL-CL-35K-D030-D01-UNV
AE	SAME AS TYPE A WITH EM BATTERY		
B	RECESSED LED DOWNLIGHT, 0-10V DIM	16W	PRESCOLITE LTR-4RD-H-SL-15L-DM1/LTR-4RD-T-SL-35K-WD-VSS
BE	SAME AS TYPE B WITH EM BATTERY		
X	UNIVERSAL MTD EDGE-LIT, EM BATTERY	3W	MATCH EXISTING BUILDING EXIT SIGNS

THE ABOVE FIXTURES LISTED ARE THE BASIS OF DESIGN. ANY ALTERNATE MANUFACTURER MUST BE EQUAL OR BETTER THAN THE BASIS OF DESIGN FIXTURES WITH RESPECT TO CONSTRUCTION, AESTHETICS, AND PHOTOMETRIC VALUES, WHERE NOT DEEMED EQUAL BY THE ENGINEER AND/OR ARCHITECT, THE BASIS OF DESIGN FIXTURES SHALL BE SUPPLIED AND INSTALLED. FOR EMERGENCY FIXTURES CONNECT UNSWITCHED CIRCUIT TO BATTERY-INVERTER UNIT AND SWITCHED CIRCUIT TO FIXTURE BALLAST. VERIFY UNSWITCHED NIGHT LIGHT REQUIREMENTS WITH OWNER.

154 Krog Street, #125
Atlanta, GA 30307
404-218-8460



5256 Peachtree Rd.
Suite 160
Atlanta, GA 30341
404-355-9334 main

TUCKER CITY HALL RENOVATION

1975 Lakeside Pkwy Suite 350,
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revisions

No.	Description	Date

sheet title: MECHANICAL REQUIREMENTS

project number: 23-039
drawing date: 04.09.2024
scale: as noted

sheet number:

E0-01

- NOT ISSUED FOR CONSTRUCTION
- ISSUED FOR CONSTRUCTION

MECHANICAL ABBREVIATIONS

ABBREVIATION/DEFINITION		ABBREVIATION/DEFINITION	
A/C	ABOVE CEILING	IN. WC	INCHES WATER COLUMN
AFF	ABOVE FINISHED FLOOR	L	WALL LOUVER
AHU	AIR HANDLING UNIT	LAT	LEAVING AIR TEMPERATURE (°F)
CFM	CUBIC FEET PER MINUTE	MBH	1000 BRITISH THERMAL UNITS PER HOUR
CHP	CHILLED WATER PUMP	MD	MANUAL DAMPER
CHR	CHILLED WATER RETURN	MOD	MOTOR OPERATED DAMPER
CHS	CHILLED WATER SUPPLY	MU	MAKE-UP WATER
C.T.E.	CONNECT TO EXISTING	OA	OUTSIDE AIR
CWP	CONDENSER WATER PUMP	PD	PRESSURE DROP
D	CONDENSATE DRAIN	PRV	PRESSURE REDUCING VALVE
DB	DRY BULB TEMPERATURE (°F)	RA	RETURN AIR
EAT	ENTERING AIR TEMPERATURE (°F)	RH	ROOF HOOD
EF	EXHAUST FAN	SB	SECURITY BARS
ESP	EXTERNAL STATIC PRESSURE	SMD	SMOKE DAMPER
FD	FIRE DAMPER	SPS	DUCT MOUNTED STATIC PRESSURE SENSOR
HP	HEAT PUMP	SPD	SPLITTER DAMPER
HWC	HOT WATER COIL	VFD	VARIABLE FREQUENCY DRIVE
HWP	HOT WATER PUMP	WB	WET BULB TEMPERATURE (°F)
HWR	HOT WATER RETURN	W.O.	WALL OPENING
HWS	HOT WATER SUPPLY		

NOTE: THESE ARE STANDARD ABBREVIATIONS, ALL ABBREVIATIONS SHOWN ABOVE MAY NOT APPEAR ON DRAWINGS.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
			THERMOSTAT OR TEMPERATURE SENSOR
			HUMIDISTAT OR HUMIDITY SENSOR
			WALL MOUNTED SWITCH
			FLEXIBLE DUCTWORK
	EQUIPMENT DESIGNATION		MANUAL DAMPER
			FIRE DAMPER
	AIR DISTRIBUTION TAG A. TYPE B. SIZE C. CFM		DUCT WITH LINER
	DUCT SIZE - RECTANGULAR (INCHES)		DUCT TRANSITION
	DUCT SIZE - ROUND (INCHES)		SQUARE TO ROUND DUCT TRANSITION
			DUCT MOUNTED STATIC PRESSURE SENSOR
	DIFFUSER		DUCT MOUNTED SMOKE DETECTOR
			WALL OPENING
	RETURN AIR DISTRIBUTION DEVICE		SECURITY BARS
			WALL LOUVER
	EXHAUST AIR DISTRIBUTION DEVICE		SMOKE DAMPER
	DUCTWORK (POSITIVE PRESSURE)		MOTOR OPERATED DAMPER
			SPLITTER DAMPER
	DUCTWORK (NEGATIVE PRESSURE)		SUPPLY AIR ARROW
			RETURN AIR ARROW
	CONNECT TO EXISTING		
	DUCTWORK - EXISTING TO REMAIN		REMOVE EXISTING DUCTWORK

NOTE: THIS IS A STANDARD LEGEND. ALL ITEMS SHOWN MAY NOT APPEAR ON DRAWINGS.

GENERAL NOTES

- COORDINATE WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
- INSTALL SPACE THERMOSTATS AND SENSORS 48" ABOVE FINISHED FLOOR.
- DUCT SIZES SHOWN ARE INSIDE CLEAR DIMENSIONS.
- PROVIDE DUCT ACCESS DOORS FOR ACCESS TO FIRE DAMPERS, DUCT MOUNTED SMOKE DETECTORS, AND CONTROL DEVICES. PROVIDE CEILING ACCESS DOORS DIRECTLY BELOW DUCT ACCESS DOORS WHERE DEVICES ARE LOCATED ABOVE INACCESSIBLE CEILINGS.
- CEILING DIFFUSERS SHALL BE 4-WAY BLOW UNLESS NOTED OTHERWISE. PROVIDE TWO-WAY PATTERN WHERE AIRFLOW ARROWS ARE SHOWN ON FLOOR PLANS.

SPECIFICATIONS

- REFER TO OTHER DRAWINGS AND SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLICABLE PROVISIONS THEREIN.
- FURNISH AND INSTALL NECESSARY LABOR AND MATERIALS FOR A COMPLETE SYSTEM. ANY APPLIANCES OR MATERIALS OBVIOUSLY A PART OF THE SYSTEM AND NECESSARY FOR ITS PROPER OPERATION, ALTHOUGH NOT SPECIFICALLY MENTIONED HEREIN, SHALL BE FURNISHED AND INSTALLED AS IF CALLED FOR IN DETAIL.
- WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING STATE AND LOCAL CODES: THE INTERNATIONAL BUILDING CODE, 2018 EDITION WITH GEORGIA AMENDMENTS THE INTERNATIONAL MECHANICAL CODE, 2018 EDITION WITH GEORGIA AMENDMENTS THE INTERNATIONAL PLUMBING CODE, 2018 EDITION WITH GEORGIA AMENDMENTS THE INTERNATIONAL FUEL GAS CODE, 2018 EDITION WITH GEORGIA AMENDMENTS THE INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION WITH GEORGIA AMENDMENTS
- OBTAIN AND PAY FOR REQUIRED PERMITS AND FEES.
- DRAWINGS ARE GENERALLY DIAGRAMMATIC AND DO NOT NECESSARILY SHOW EVERY FITTING AND DETAIL. INSTALL DUCTS, EQUIPMENT AND CONTROLS IN A NEAT WORKMANLIKE MANNER, AND IN ACCORDANCE WITH GOOD PRACTICE FOR A COMPLETE WORKABLE INSTALLATION. AVOID CONFLICT WITH OTHER WORK, MAKE ADEQUATE PROVISIONS FOR PREVENTING NOISE AND VIBRATION. ARRANGE EQUIPMENT INTO THE AVAILABLE SPACE IN A MANNER TO MAKE WORKING PARTS ACCESSIBLE FOR MAINTENANCE AND SERVICE.
- MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED AGAINST DEFECTS FOR ONE YEAR. PROVIDE ADDITIONAL FOUR-YEAR WARRANTY ON COMPRESSORS.
- PROTECT MATERIALS AND EQUIPMENT FROM DAMAGE DURING CONSTRUCTION.
- EQUIPMENT AND MATERIALS SHALL BE NEW, UNLESS OTHERWISE SPECIFIED.
- CONSTRUCT AIR DUCTS IN ACCORDANCE WITH SMACNA DUCT MANUALS LATEST EDITION. DUCTWORK MATERIALS SHALL BE GALVANIZED SHEET METAL AS MADE BY ARMO OR EQUAL.
- FOR ROUND DUCT TAKE-OFF FROM RECTANGULAR SHEET METAL DUCTS, USE JER-AIR MODEL S-3, FITTING WITH DAMPER. FOR ROUND DUCT TAKE-OFF FROM ROUND DUCTS, USE JER-AIR MODEL RBD-38, FITTING WITH DAMPER
- FLEXIBLE DUCTWORK SHALL BE GENEFLEX TYPE GSL OR APPROVED EQUAL.
- FLEXIBLE DUCT RUNOUTS TO CEILING DIFFUSERS SHALL BE INSTALLED FREE OF KINKS AND SAGS. BRANCH DUCTWORK SHALL BE SIZED TO MATCH THE INLET OF THE DIFFUSERS SERVED. MAXIMUM LENGTH - 8 FEET.
- COMPLETION AND TESTS SHALL INCLUDE CLEANING AND LUBRICATION OF EQUIPMENT, AND ADJUSTMENTS FOR PROPER OPERATION. ADJUST DAMPERS, REGISTERS AND DIFFUSERS FOR PROPER AIR DISTRIBUTION. CHECK SYSTEM UNDER ACTUAL OPERATING CONDITIONS AND MAKE ADJUSTMENTS FOR A UNIFORM TEMPERATURE THROUGH THE CONDITIONED SPACE.
- LOCATIONS SHOWN FOR EQUIPMENT ARE APPROXIMATE LOCATIONS. CONTRACTOR SHALL COORDINATE WITH THE FIELD CONDITIONS FOR THE EXACT LOCATION AND CONFIGURATION, AND MODIFY DUCT SYSTEM ACCORDINGLY.
- CONTRACTOR SHALL FIELD VERIFY AVAILABLE SPACE FOR DUCTWORK BEFORE FABRICATING. CONTRACTOR SHALL MODIFY DUCTWORK TO FIT AVAILABLE FIELD CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.
- SHEET METAL DUCTWORK SHOWN AS BEING INTERNALLY LINED SHALL BE LINED WITH 1" THICK, 1-1/2 LB/CU.FT. DENSITY DUCT LINER, MANVILLE LINACOUSTIC OR EQUAL.
- INSULATE UNLINED SUPPLY, RETURN, AND OUTSIDE AIR DUCTS WITH U.L. LISTED GLASS FIBER BLANKET NOT LESS THAN 3/4 LB. DENSITY, R-6 INSULATED VALUE, WITH HEAVY ALUMINUM FOIL VAPOR BARRIER JACKET. SECURE WITH ANNEALED STAINLESS STEEL WIRE AT NOT OVER 12" ON CENTER. SEAL JOINTS AND PUNCTURES IN JACKET.
- PRIOR TO INSTALLATION AND ORDERING, SUBMIT FOR REVIEW IN PDF FORMAT SHOP DRAWINGS ON EQUIPMENT, AIR DISTRIBUTION DEVICES, AND CONTROLS.
- INTERRUPTION OF SERVICE: THE DRAWINGS ARE BELIEVED TO BE A FAIRLY ACCURATE REPRESENTATION OF THE EXISTING WORK. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ON SITE INVESTIGATIONS TO DETERMINE THE ACCURACY OF THE EXISTING CONDITION DRAWINGS. NO ATTEMPT HAS BEEN MADE TO SHOW ON THE DRAWINGS MECHANICAL WORK WHICH IS NOT CONSIDERED TO BE RELEVANT TO THIS PROJECT. IN PERFORMANCE OF THE WORK, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXISTING CONDITIONS AND THE EFFECT THAT THE WORK SHOWN ON THE DRAWINGS WILL HAVE ON THE EXISTING SERVICES. SHOULD THE ACTUAL CONDITIONS BE DIFFERENT FROM THOSE SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER FOR FURTHER INSTRUCTIONS PRIOR TO THE DISRUPTION OF THE EXISTING SERVICES.
- THE CONTRACTOR SHALL HAVE AN INDEPENDENT A.A.B.C. OR N.E.B.B. CERTIFIED TEST AND BALANCE COMPANY PERFORM AIR AND HYDRONIC BALANCING, AND SUBMIT A TEST AND BALANCE REPORT IN PDF FORMAT. REPORT SHALL BE COMPLETE PRIOR TO ARCHITECTS FINAL PUNCH LIST. REPORTS FROM TEST AND BALANCE COMPANIES THAT ARE NOT CERTIFIED AS STATED HERE WILL NOT BE REVIEWED.

AIR DISTRIBUTION DEVICE			
MARK	BASIS OF DESIGN (MAKE & MODEL)	DESCRIPTION	NOTES
D	TITUS TMS	DIFFUSER, CONE FACE 24x24 FACE, LAY IN	1, 2, 3
T	TITUS 50F	EGGCRATE GRILLE	2, 3

NOTES:

- PROVIDE WITH BALANCING DAMPER
- PROVIDE RIGID CEILING ADAPTER OR FRAME AS REQUIRED FOR NON-GRID CEILINGS.
- OR EQUAL: METALAIRE, KRUEGER, OR PRICE.

wright gardner architect llc

154 Krog Street, #125
Atlanta, GA 30307
404-218-8460



5256 Peachtree Rd.
Suite 160
Atlanta, GA 30341
404-355-9334 main

**TUCKER CITY HALL
RENOVATION**

1975 Lakeside Pkwy Suite 350,
Tucker, GA 30084

stamp:



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revisions

No.	Description	Date

sheet title:

MECHANICAL REQUIREMENTS

project number: 23-039
drawing date: 04.09.2024
scale: as noted

sheet number:

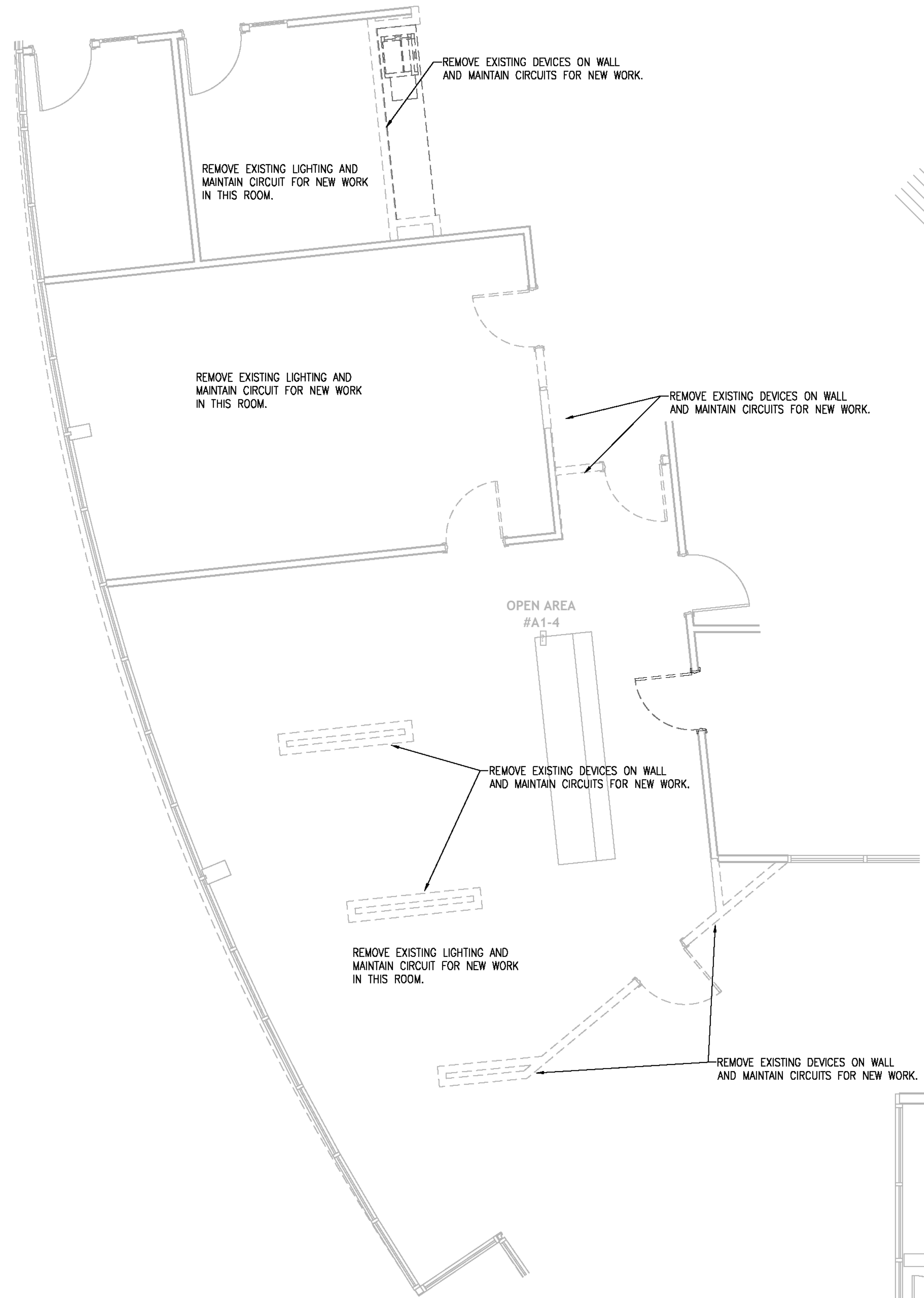
M0-01

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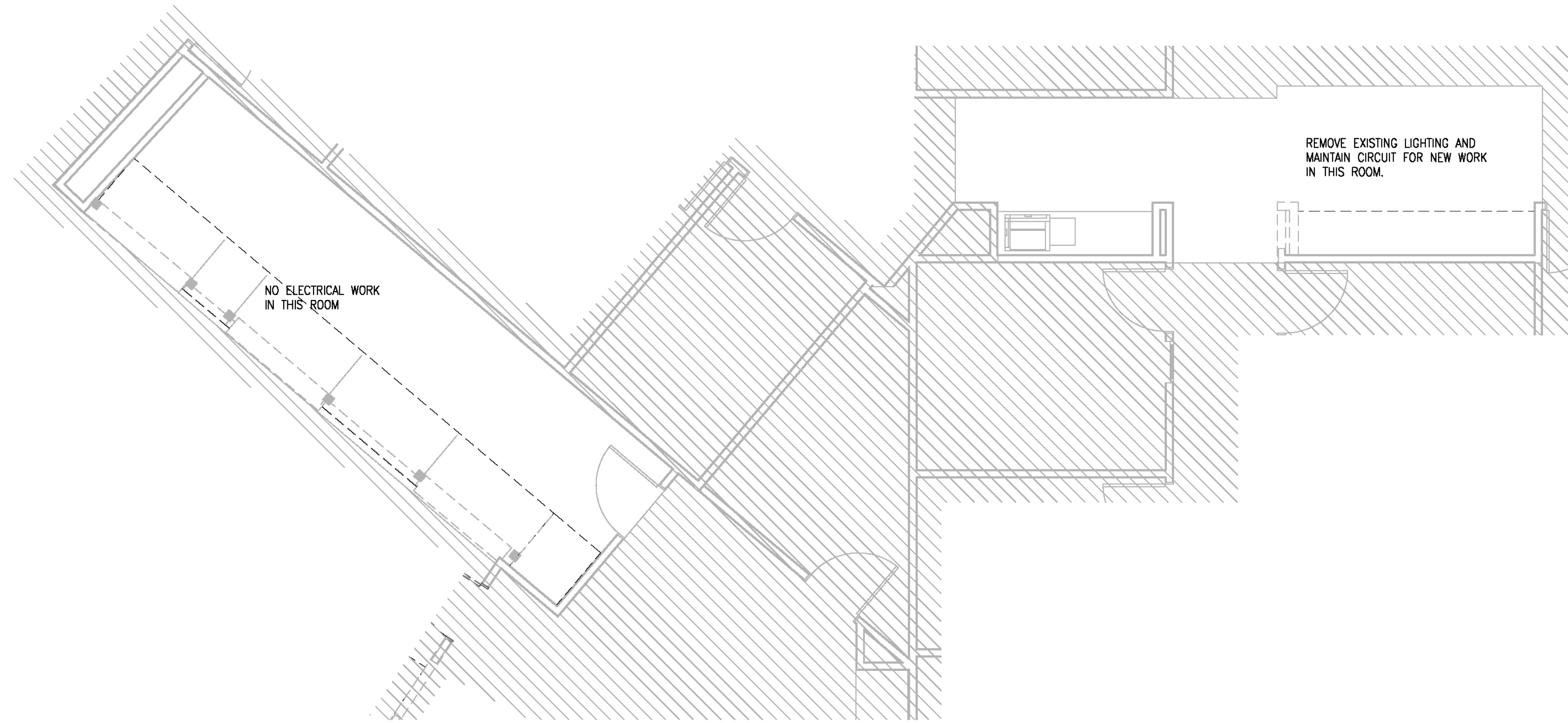
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**TUCKER CITY HALL
RENOVATION**

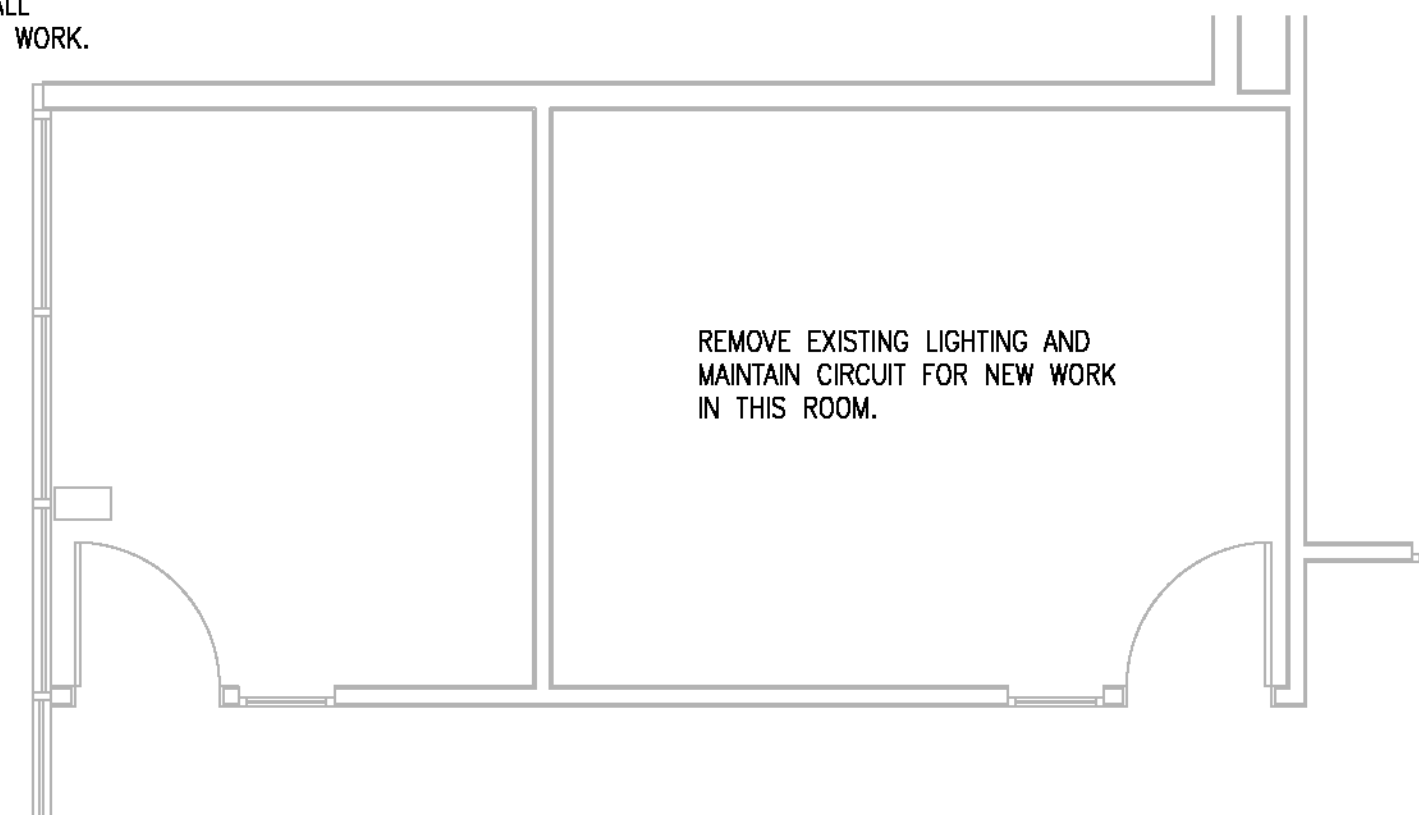
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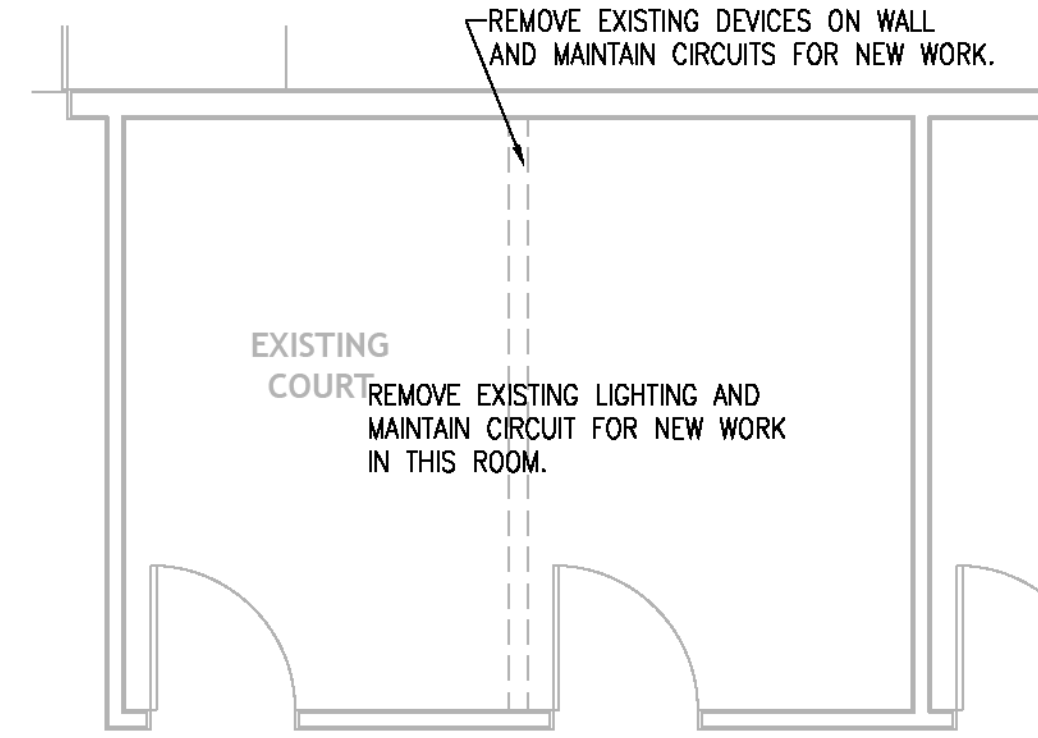
① A1 DEMOLITION PLAN
Scale: 1/4" = 1'-0"



③ A3 DEMOLITION PLAN
Scale: 1/4" = 1'-0"



② A2 DEMOLITION PLAN
Scale: 1/4" = 1'-0"



③ A4.1 DEMOLITION PLAN
Scale: 1/4" = 1'-0"

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revisions

No.	Description	Date

sheet title:

**MECHANICAL
DEMOLITION
PLANS**

project number: 23-039
drawing date: 04.09.2024
scale: as noted

sheet number:

E1-01

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No.	Description	Date

sheet title:

**MECHANICAL
NEW WORK
PLANS**

project number: 23-039
drawing date: 04.09.2024
scale: as noted

sheet number:

E2-01

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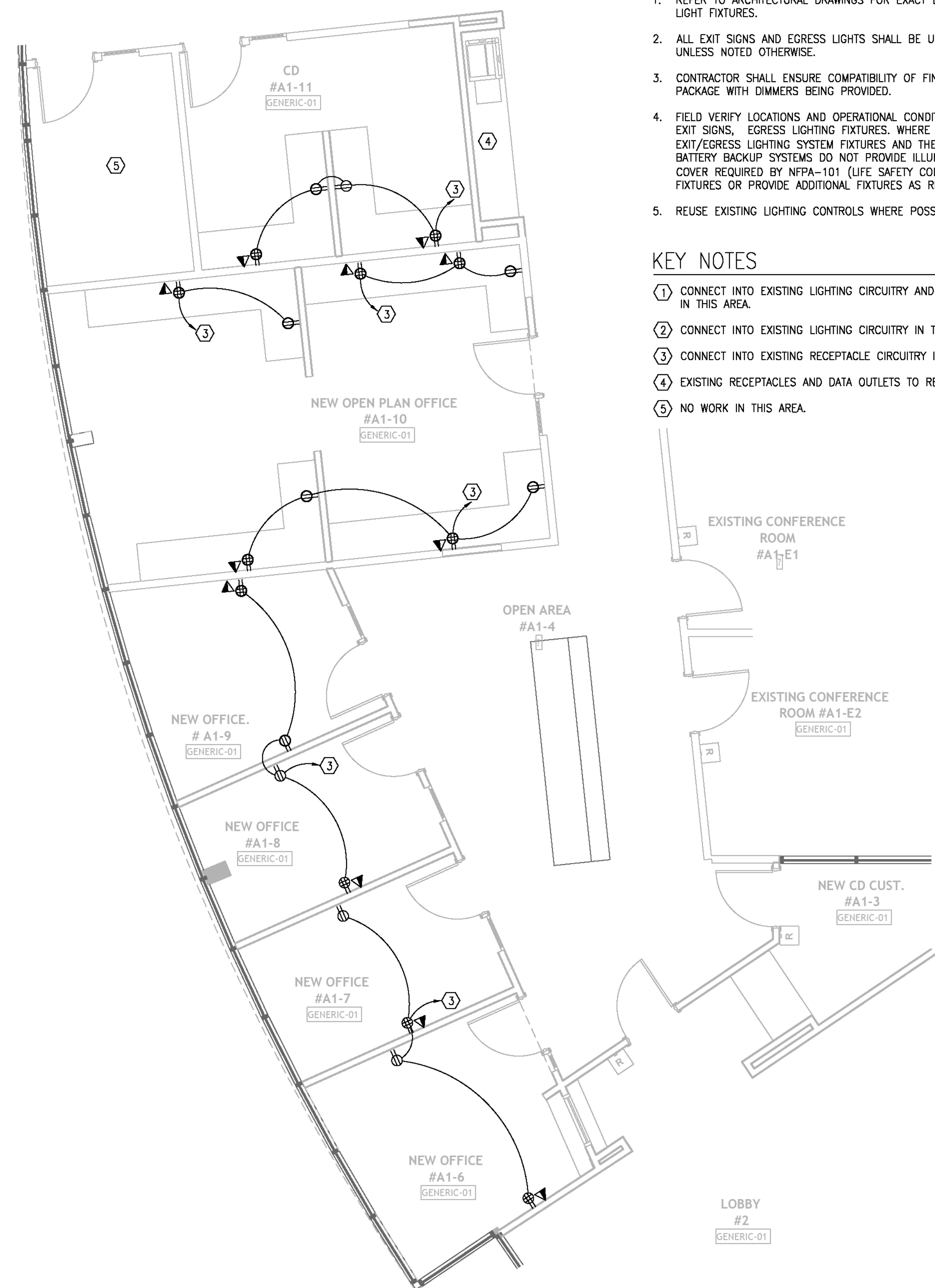
FOR CONSTRUCTION

GENERAL NOTES:

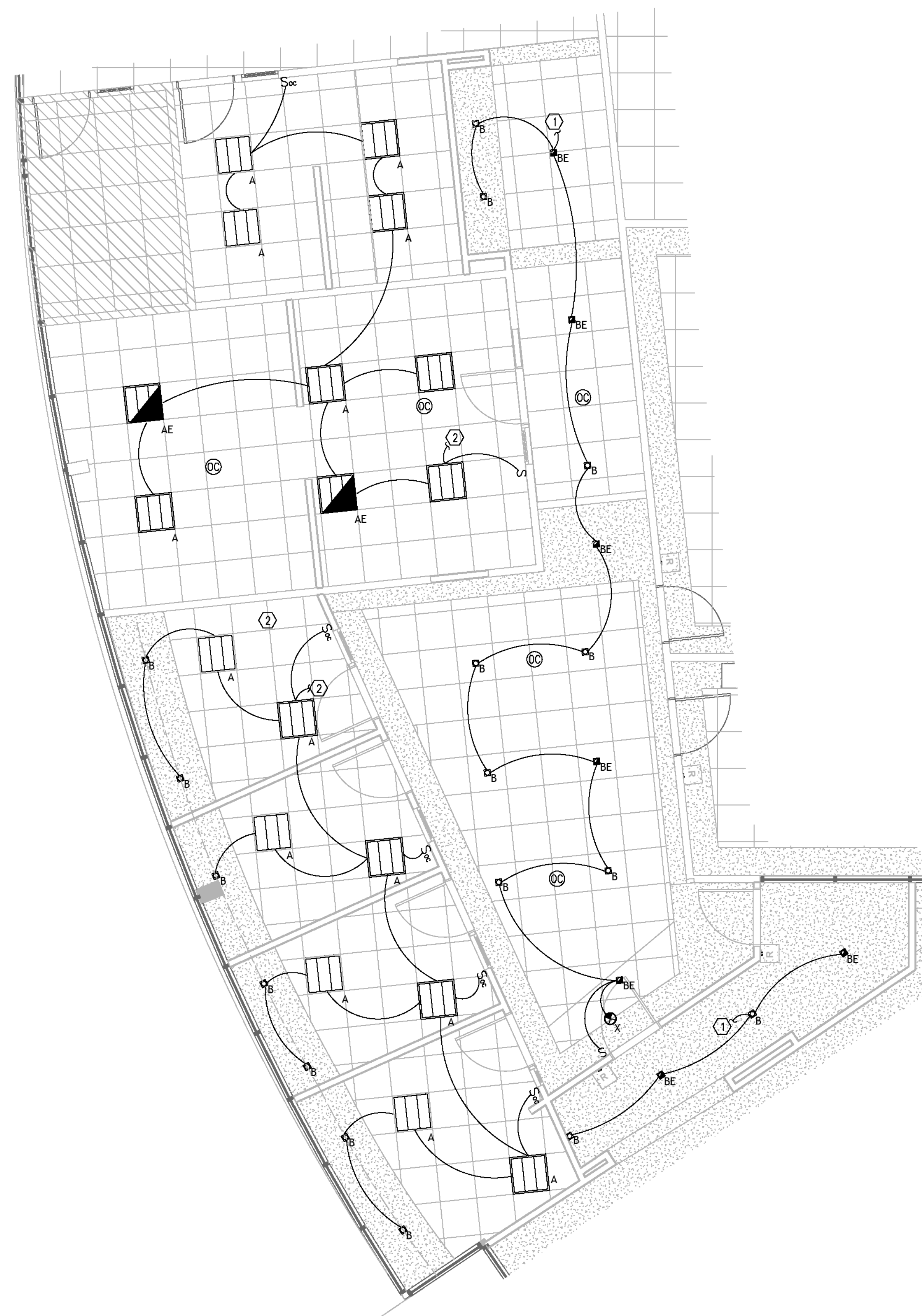
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.
2. ALL EXIT SIGNS AND EGRESS LIGHTS SHALL BE UNSWITCHED UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL ENSURE COMPATIBILITY OF FINAL FIXTURE PACKAGE WITH DIMMERS BEING PROVIDED.
4. FIELD VERIFY LOCATIONS AND OPERATIONAL CONDITIONS OF EXISTING EXIT SIGNS, EGRESS LIGHTING FIXTURES. WHERE EXISTING EXIT/EGRESS LIGHTING SYSTEM FIXTURES AND THEIR ASSOCIATED BATTERY BACKUP SYSTEMS DO NOT PROVIDE ILLUMINATION OR COVER REQUIRED BY NFPA-101 (LIFE SAFETY CODE), UPGRADE FIXTURES OR PROVIDE ADDITIONAL FIXTURES AS REQUIRED.
5. REUSE EXISTING LIGHTING CONTROLS WHERE POSSIBLE.

KEY NOTES

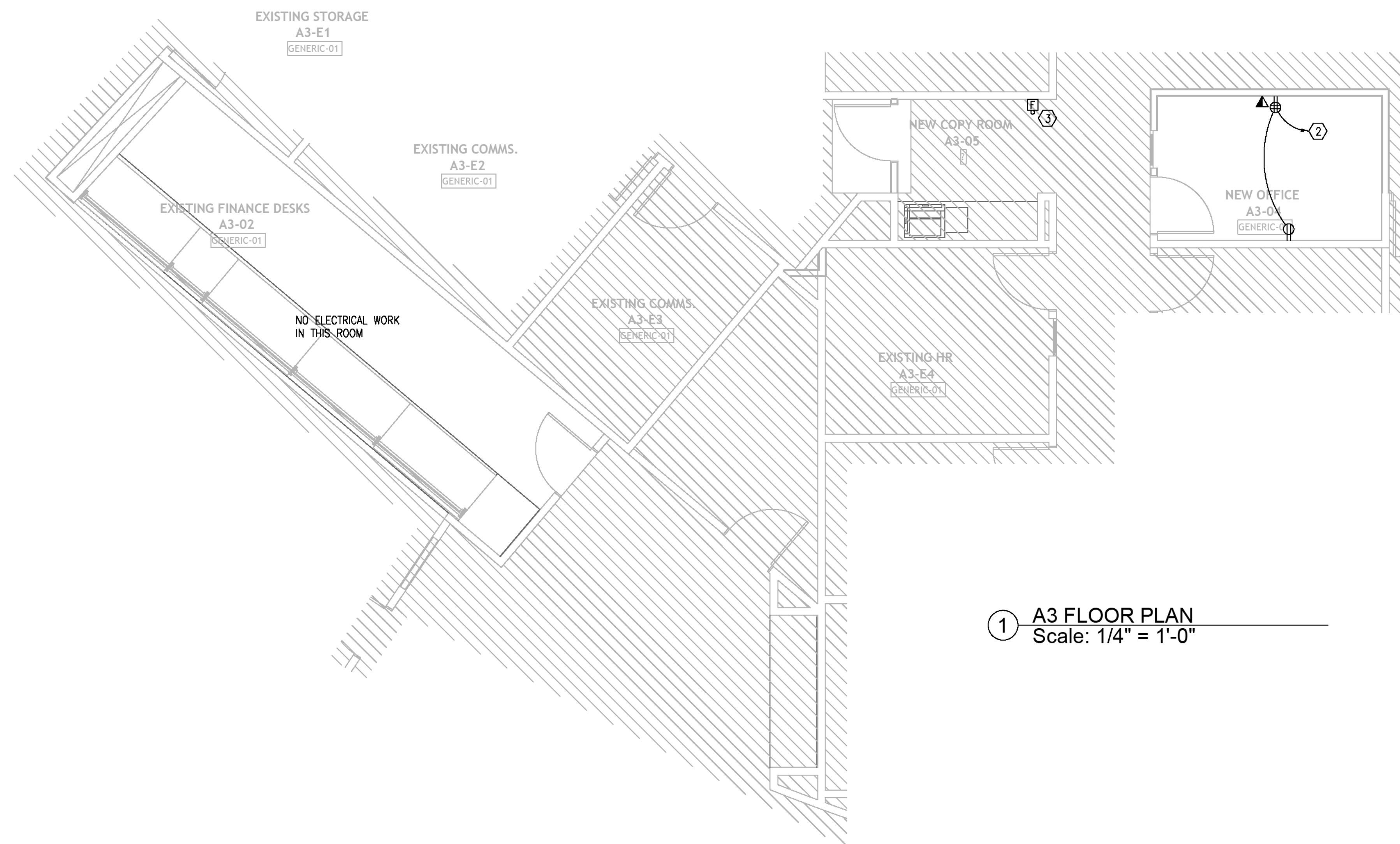
- ① CONNECT INTO EXISTING LIGHTING CIRCUITRY AND LIGHTING CONTROLS IN THIS AREA.
- ② CONNECT INTO EXISTING LIGHTING CIRCUITRY IN THIS AREA.
- ③ CONNECT INTO EXISTING RECEPTACLE CIRCUITRY IN THIS AREA.
- ④ EXISTING RECEPTACLES AND DATA OUTLETS TO REMAIN AS IS.
- ⑤ NO WORK IN THIS AREA.



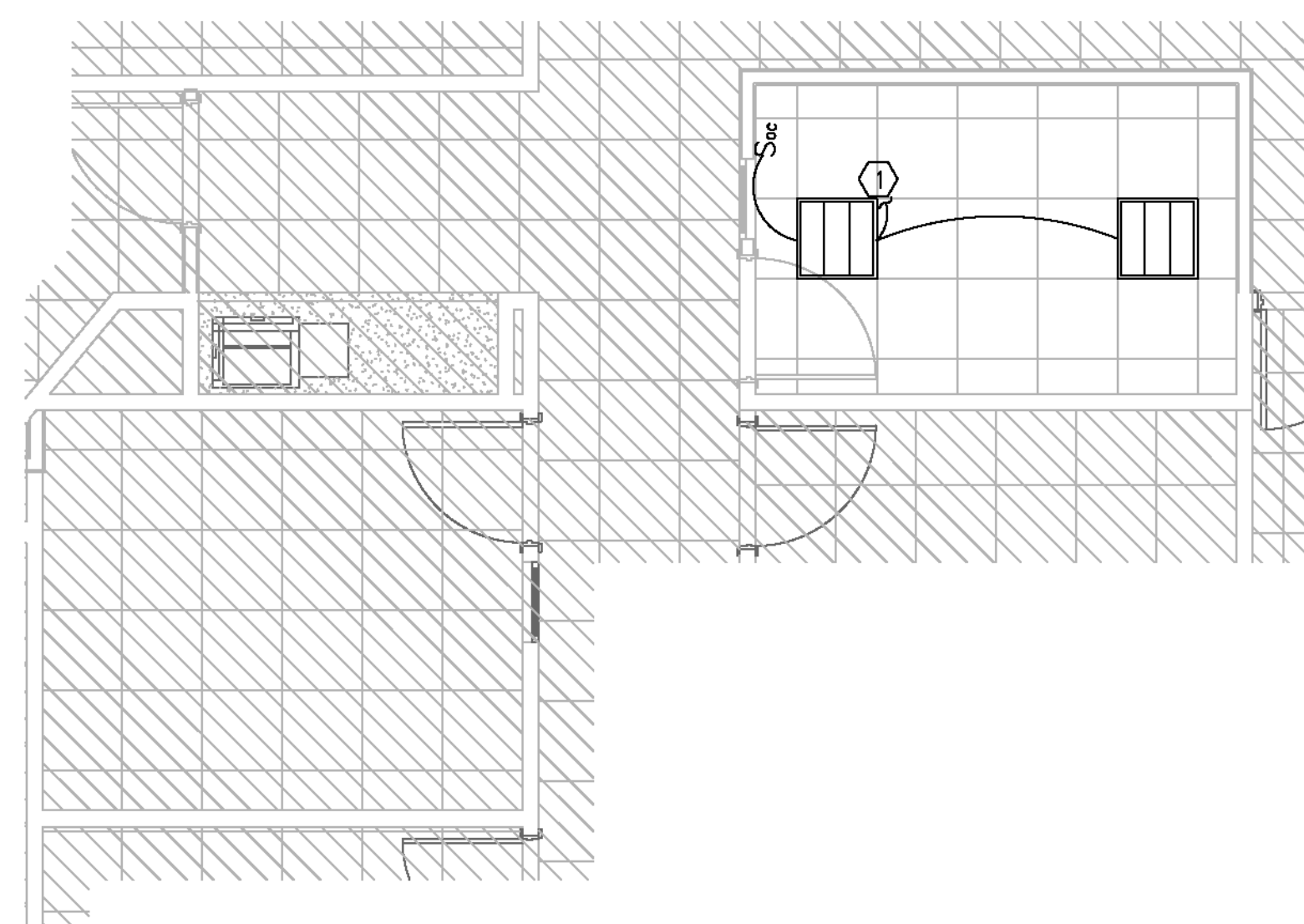
① A1 FLOOR PLAN
Scale: 1/4" = 1'-0"



② A1 CEILING PLAN
Scale: 1/4" = 1'-0"



① A3 FLOOR PLAN
Scale: 1/4" = 1'-0"



② A3 CEILING PLAN
Scale: 1/4" = 1'-0"

GENERAL NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.
- ALL EXIT SIGNS AND EGRESS LIGHTS SHALL BE UNSWITCHED UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL ENSURE COMPATIBILITY OF FINAL FIXTURE PACKAGE WITH DIMMERS BEING PROVIDED.
- FIELD VERIFY LOCATIONS AND OPERATIONAL CONDITIONS OF EXISTING EXIT SIGNS, EGRESS LIGHTING FIXTURES. WHERE EXISTING EXIT/EGRESS LIGHTING SYSTEM FIXTURES AND THEIR ASSOCIATED BATTERY BACKUP SYSTEMS DO NOT PROVIDE ILLUMINATION OR COVER REQUIRED BY NFPA-101 (LIFE SAFETY CODE), UPGRADE FIXTURES OR PROVIDE ADDITIONAL FIXTURES AS REQUIRED.
- REUSE EXISTING LIGHTING CONTROLS WHERE POSSIBLE.

KEY NOTES

- CONNECT INTO EXISTING LIGHTING CIRCUITRY IN THIS AREA.
- CONNECT TO NEAREST 120/208V PANEL WITH SPARE 20A/1P BREAKER.
- NEW FIRE ALARM HORN STROBE. CONNECT INTO FIRE ALARM SYSTEM.

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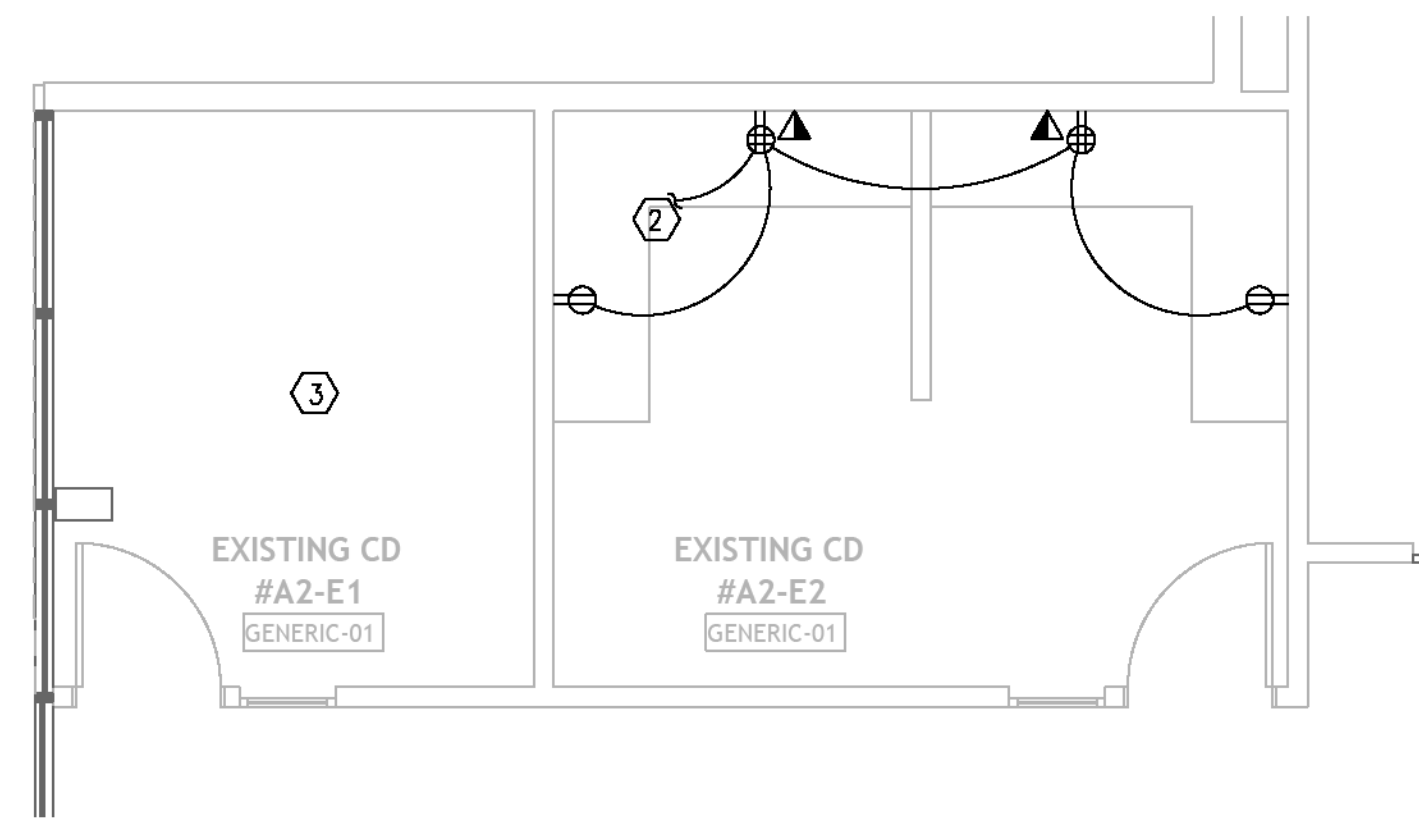
ELECTRICAL
NEW WORK
PLANS

project number: 23-039
drawing date: 04.09.2024
scale: as noted

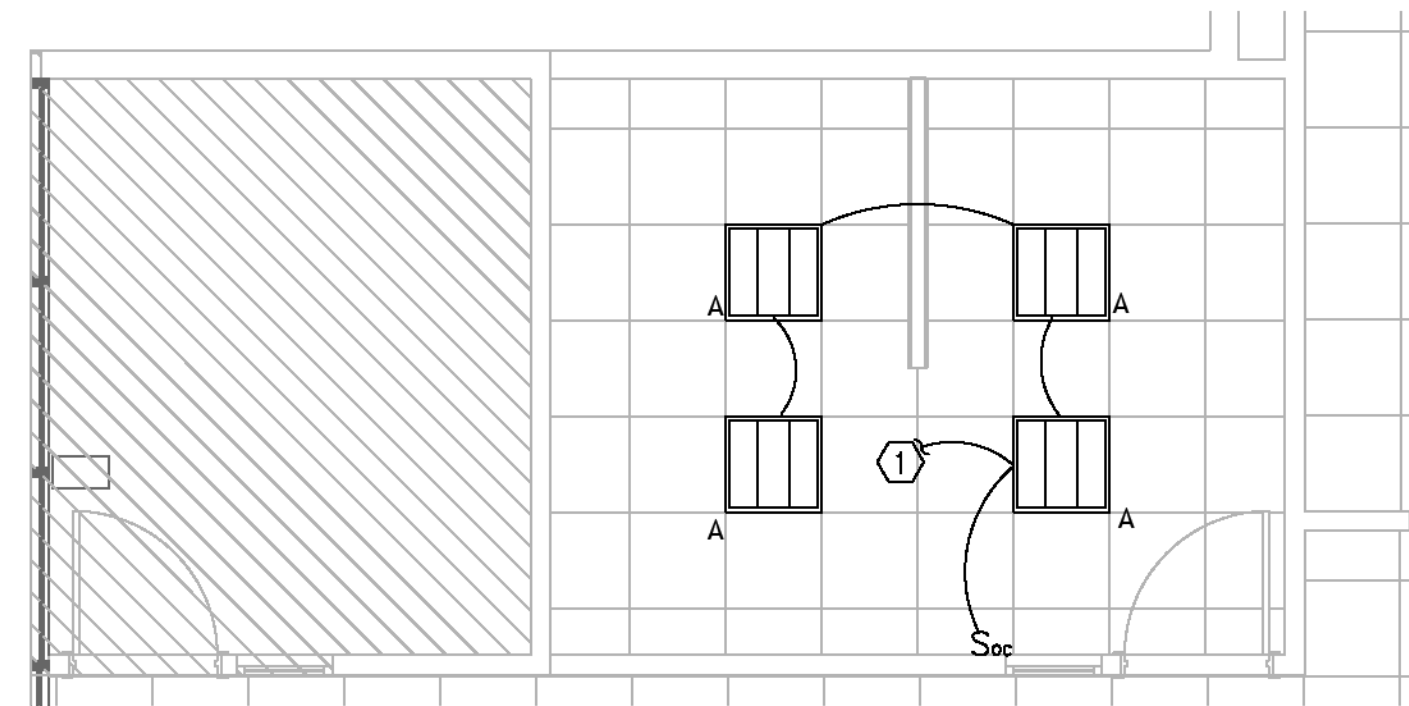
sheet number:

E2-02

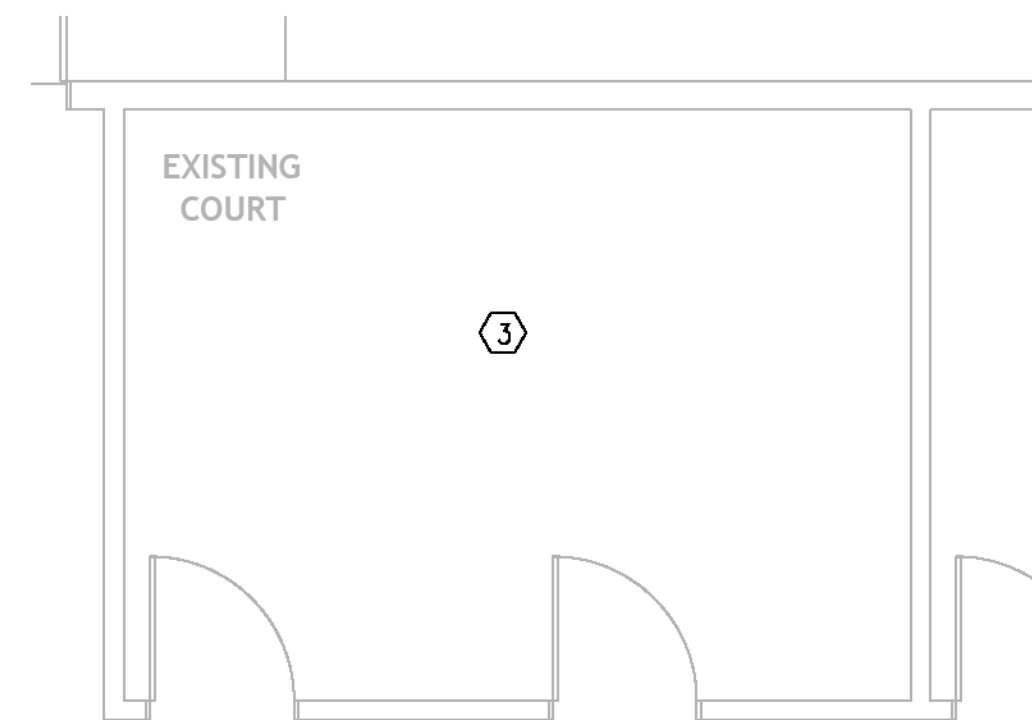
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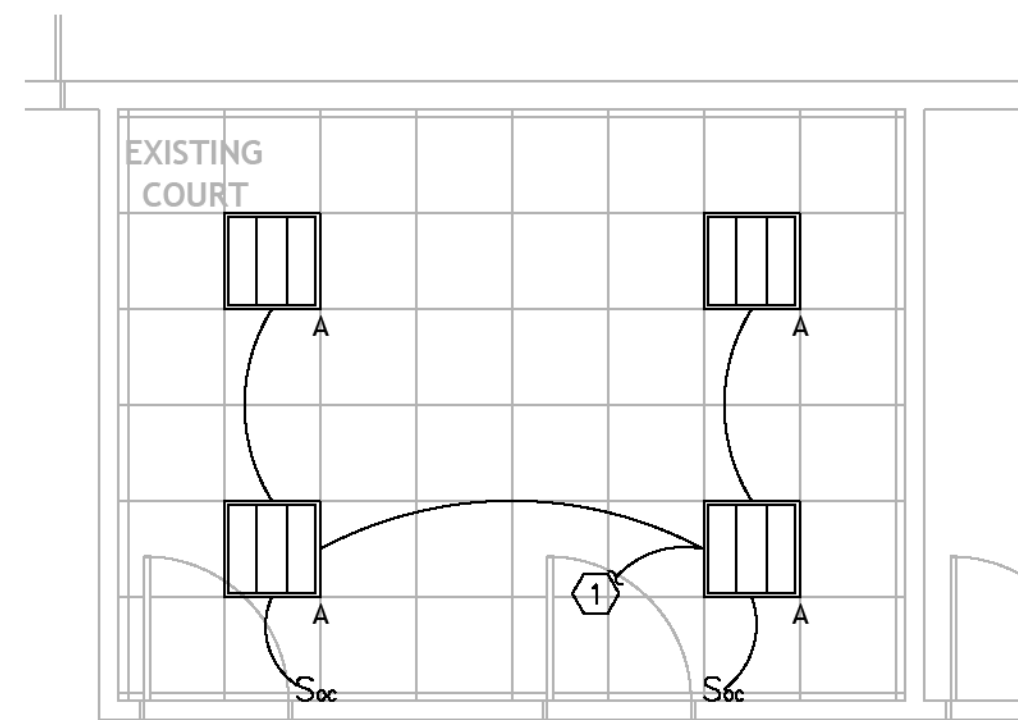
① **A2 FLOOR PLAN**
Scale: 1/4" = 1'-0"



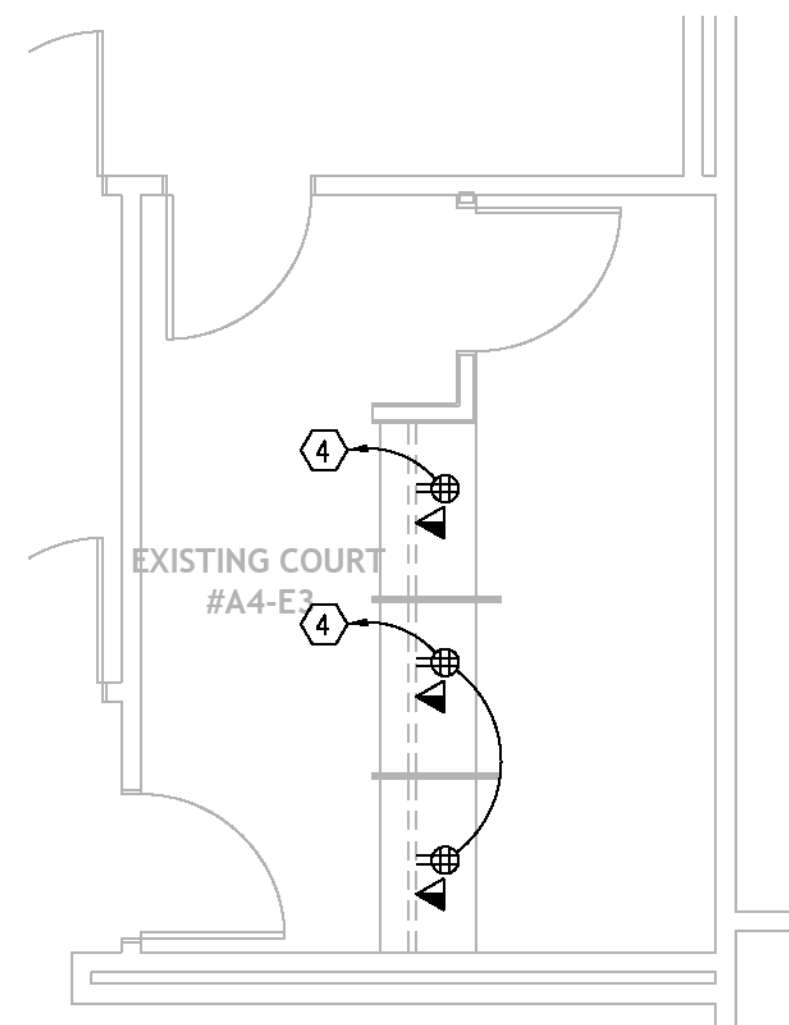
② **A2 CEILING PLAN**
Scale: 1/4" = 1'-0"



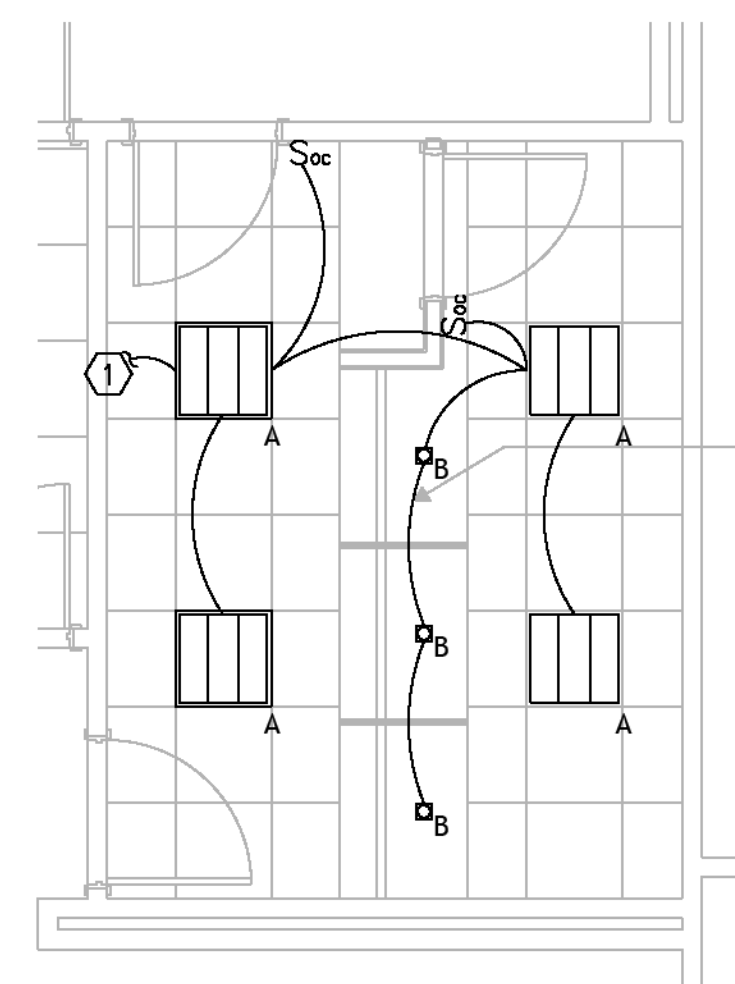
③ **A4.1 FLOOR PLAN**
Scale: 1/4" = 1'-0"



④ **A4.1 CEILING PLAN**
Scale: 1/4" = 1'-0"



⑤ **A4 FLOOR PLAN**
Scale: 1/4" = 1'-0"



⑥ **A4 CEILING PLAN**
Scale: 1/4" = 1'-0"

GENERAL NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES.
2. ALL EXIT SIGNS AND EGRESS LIGHTS SHALL BE UNSWITCHED UNLESS NOTED OTHERWISE.
3. CONTRACTOR SHALL ENSURE COMPATIBILITY OF FINAL FIXTURE PACKAGE WITH DIMMERS BEING PROVIDED.
4. FIELD VERIFY LOCATIONS AND OPERATIONAL CONDITIONS OF EXISTING EXIT SIGNS, EGRESS LIGHTING FIXTURES, WHERE EXISTING EXIT/EGRESS LIGHTING SYSTEM FIXTURES AND THEIR ASSOCIATED BATTERY BACKUP SYSTEMS DO NOT PROVIDE ILLUMINATION OR COVER REQUIRED BY NFPA-101 (LIFE SAFETY CODE), UPGRADE FIXTURES OR PROVIDE ADDITIONAL FIXTURES AS REQUIRED.
5. REUSE EXISTING LIGHTING CONTROLS WHERE POSSIBLE.

KEY NOTES

- ① CONNECT INTO EXISTING LIGHTING CIRCUITRY IN THIS AREA.
- ② CONNECT INTO EXISTING RECEPTACLE CIRCUITRY IN THIS AREA.
- ③ NO NEW WORK.
- ④ ROUTE TO NEAREST 120/208V PANEL WITH EXISTING 20A/1P SPARE BREAKER.

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No.	Description	Date

sheet title:

**ELECTRICAL
NEW WORK
PLANS**

project number: 23-039
drawing date: 04.09.2024
scale: as noted

sheet number:

E2-03

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revisions

No.	Description	Date

sheet title:

**FIRE
PROTECTION
NEW WORK
PLANS**

project number: 23-039
drawing date: 04.09.2024
scale: as noted

sheet number:

FP2-01

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FIRE PROTECTION SPECIFICATIONS

FIRE PROTECTION GENERAL

PROVIDE LABOR AND MATERIAL NECESSARY EQUIPMENT AND SERVICES TO MODIFY THE EXISTING AUTOMATIC WET-PIPE SPRINKLER SYSTEM.

DESCRIPTION: AUTOMATIC WET-PIPE SPRINKLER FIRE PROTECTION SYSTEM CONSISTING OF DISTRIBUTION PIPING AND NEW SPRINKLER HEADS.

LAYOUT AND HYDRAULICALLY CALCULATE SYSTEM. BASIS OF DESIGN TO BE PER CURRENT EDITION OF NFPA NO. 13.

WIRING OF ALARMS PROVIDED UNDER ELECTRICAL DIVISION.

INTERFACE WITH EXISTING BUILDING FIRE ALARM SYSTEM.

QUALITY ASSURANCE

DESIGN AND INSTALLATION TO CONFORM TO LOCAL BUILDING CODES AND NFPA NO. 13.

EQUIPMENT AND COMPONENTS: BEAR UL LABEL OR MARKING.

REGULATORY REQUIREMENTS

HYDRAULIC CALCULATIONS, PRODUCT DATA, AND SHOP DRAWINGS: BEAR STAMP OF APPROVAL OF AUTHORITY HAVING JURISDICTION, FIRE MARSHAL, AND OWNER'S FIRE INSURANCE.

SUBMITTALS

INDICATE HYDRAULIC CALCULATIONS, DETAILED PIPE LAYOUT, HANGER AND SUPPORTS, COMPONENTS AND ACCESSORIES.

SUBMIT SHOP DRAWINGS, PRODUCT DATA, AND HYDRAULIC CALCULATIONS TO AUTHORITY HAVING JURISDICTION, FIRE MARSHAL, AND OWNER'S INSURANCE UNDERWRITER FOR APPROVAL PRIOR TO SUBMISSION TO ARCHITECT.

PRODUCTS

PIPING: 2" & SMALLER - STANDARD WEIGHT SCHEDULE 40 BLACK STEEL PIPE, ASTM A120.
2-1/2" & LARGER - SCHEDULE 10 BLACK STEEL WITH ROLLED GROOVE.

FITTINGS: CAST IRON FITTINGS, ANSI/ASME B16, FLANGES AND FITTINGS OR B16.4, SCREWED FITTINGS.

SPRINKLER HEADS: AREAS WITH FINISHED CEILINGS: CENTRAL SPRINKLER CORP. OR TYCO.
HEAD TYPE: CONCEALED WITH WHITE COVER PLATE.

SPRINKLER HEAD: UNFINISHED AREAS: PROVIDE HEADS EQUAL TO EXISTING, COORDINATE LOCATIONS WITH DUCTWORK, LIGHTS, ETC.

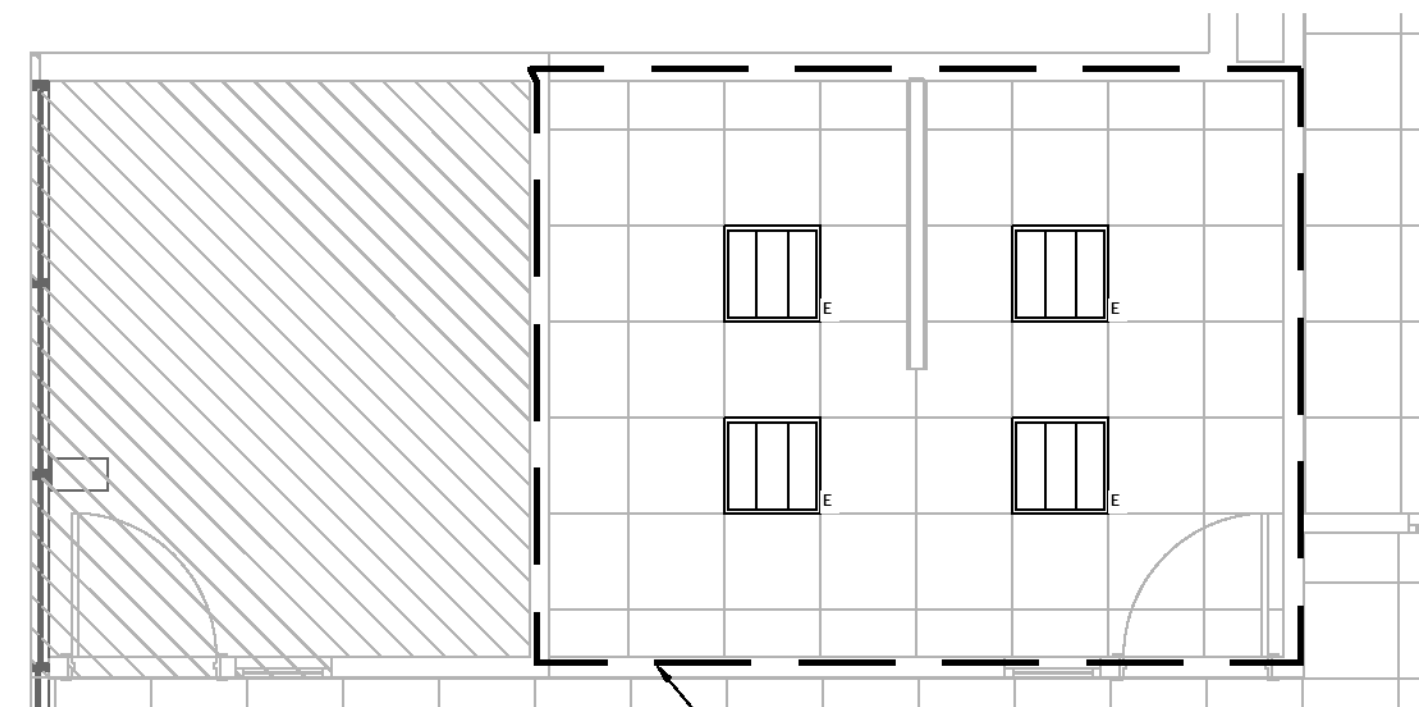
EXECUTION

COORDINATE WORK OF THIS SECTION WITH OTHER AFFECTED WORK.

SPRINKLER SYSTEM COMPATIBLE WITH ARCHITECTURAL LAYOUTS AND AVOID INTERFERENCE WITH STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING WORK. DUCTWORK HAS RIGHT OF WAY.

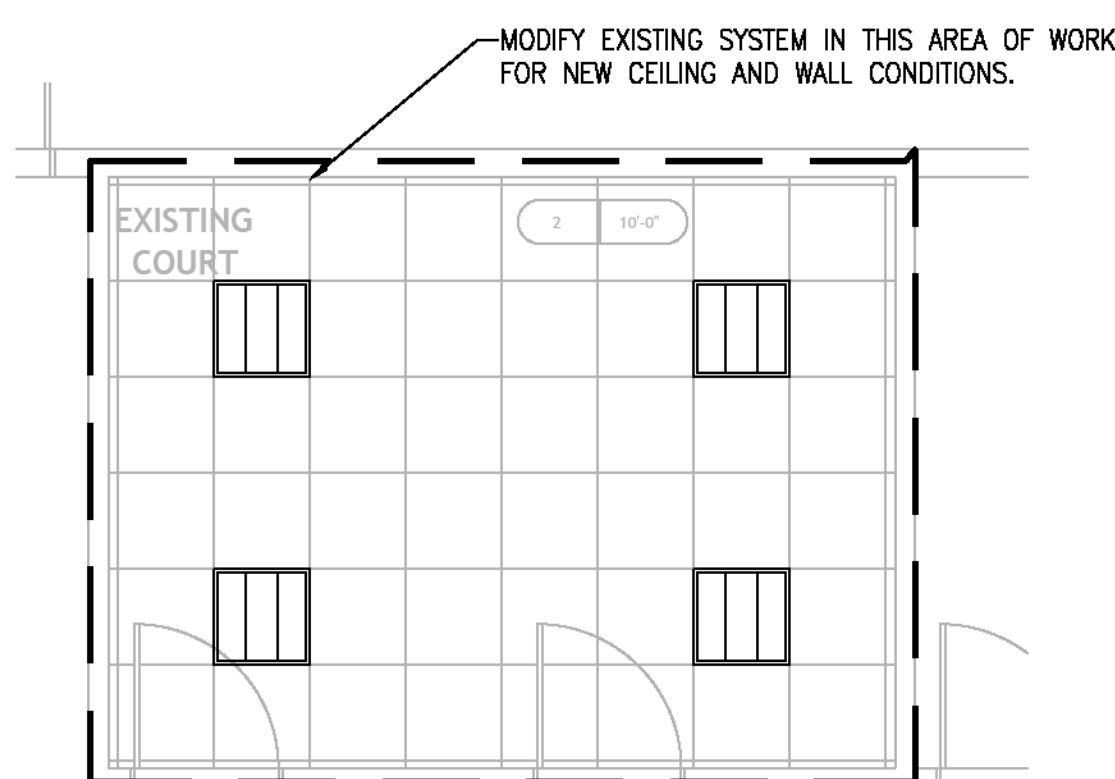
COORDINATE PIPE ROUTING WITH OTHER TRADES.

NOTE: CONTRACTOR SHALL COORDINATE WITH THE LANDLORD PRIOR TO COMMENCING SPRINKLER WORK AND SHUT DOWN OF THE SYSTEM.



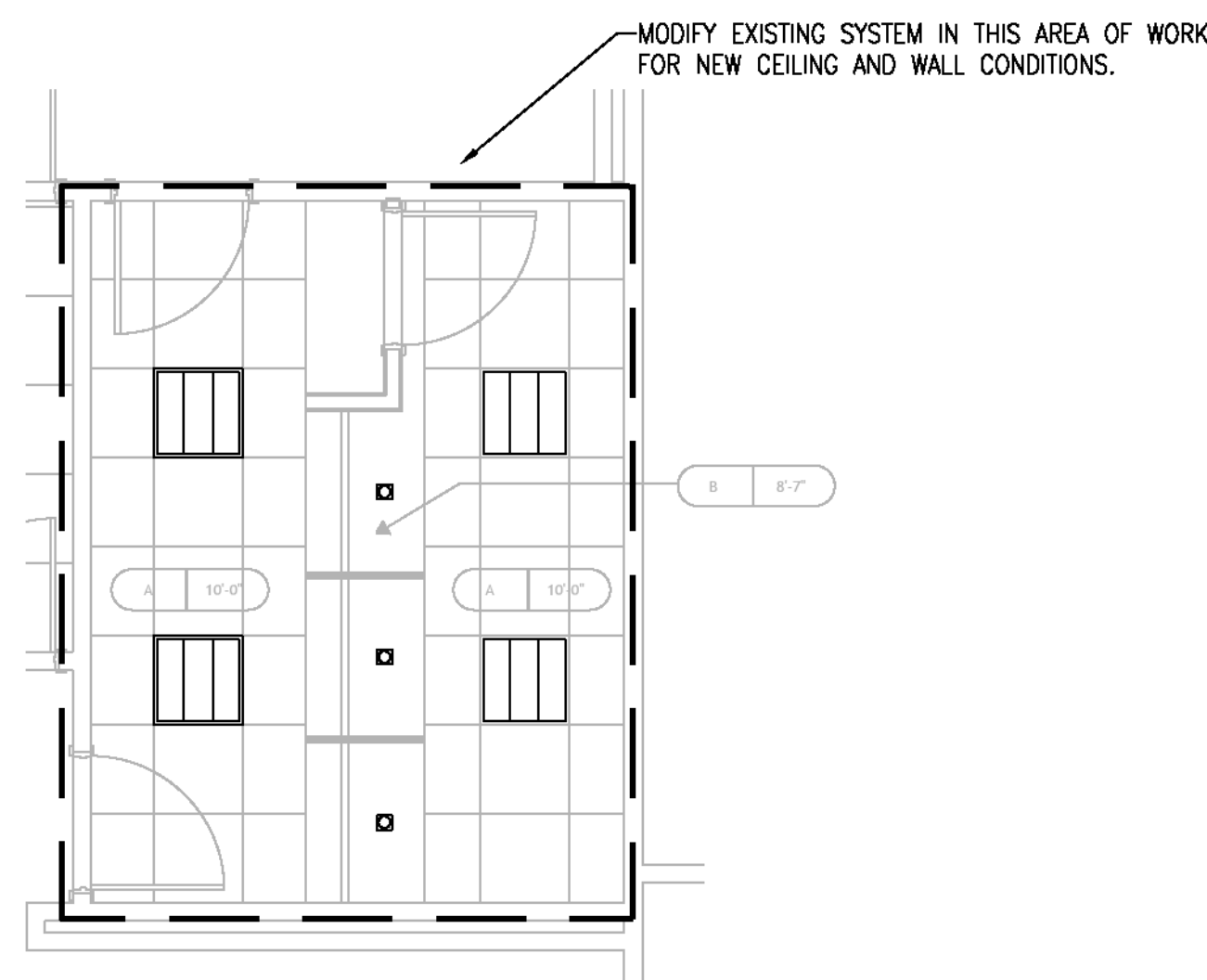
3 A2 CEILING PLAN
Scale: 1/4" = 1'-0"

MODIFY EXISTING SYSTEM IN THIS AREA OF WORK FOR NEW CEILING AND WALL CONDITIONS.



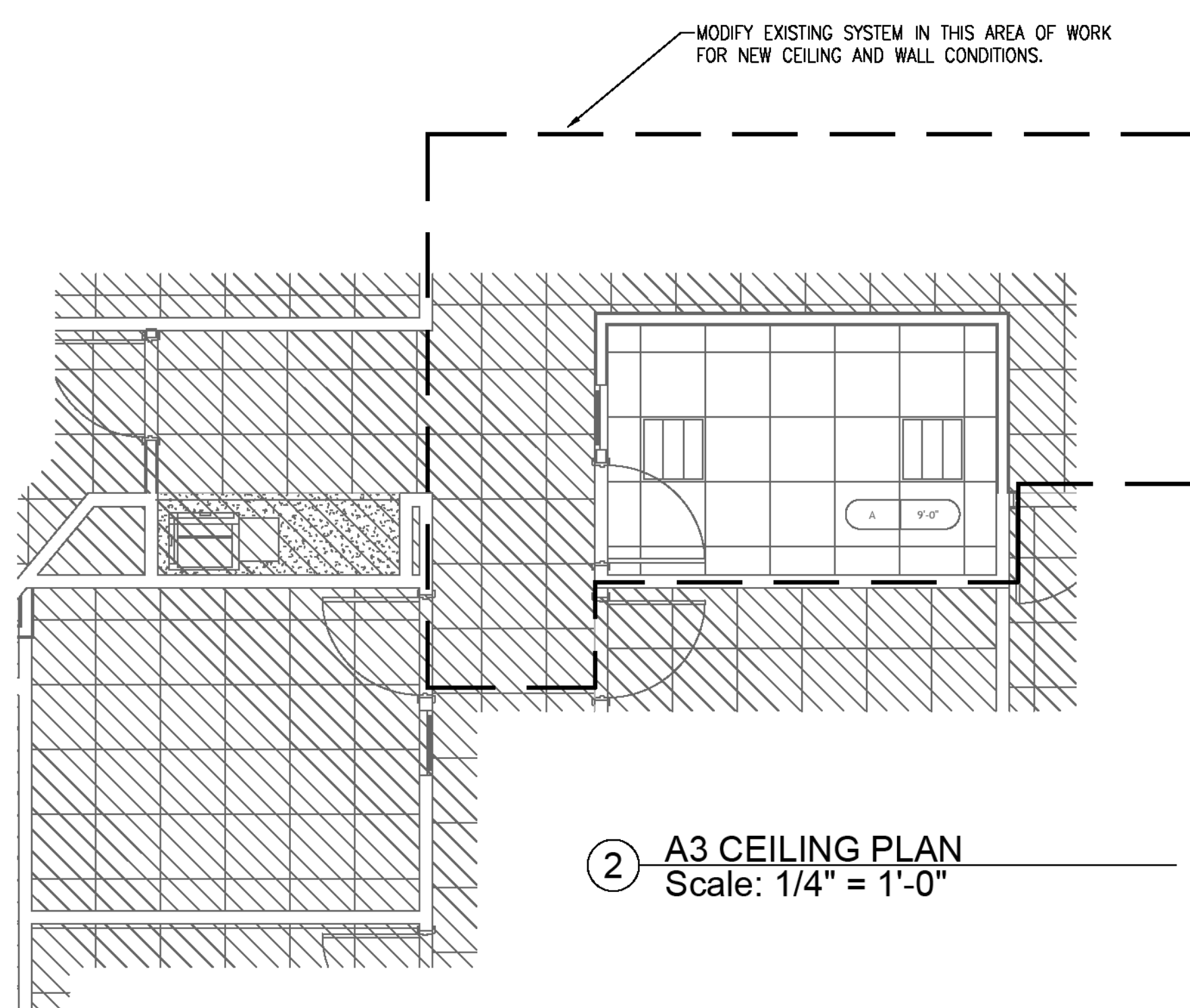
4 A4.1 CEILING PLAN
Scale: 1/4" = 1'-0"

MODIFY EXISTING SYSTEM IN THIS AREA OF WORK FOR NEW CEILING AND WALL CONDITIONS.



5 A4 CEILING PLAN
Scale: 1/4" = 1'-0"

MODIFY EXISTING SYSTEM IN THIS AREA OF WORK FOR NEW CEILING AND WALL CONDITIONS.



2 A3 CEILING PLAN
Scale: 1/4" = 1'-0"

MODIFY EXISTING SYSTEM IN THIS AREA OF WORK FOR NEW CEILING AND WALL CONDITIONS.

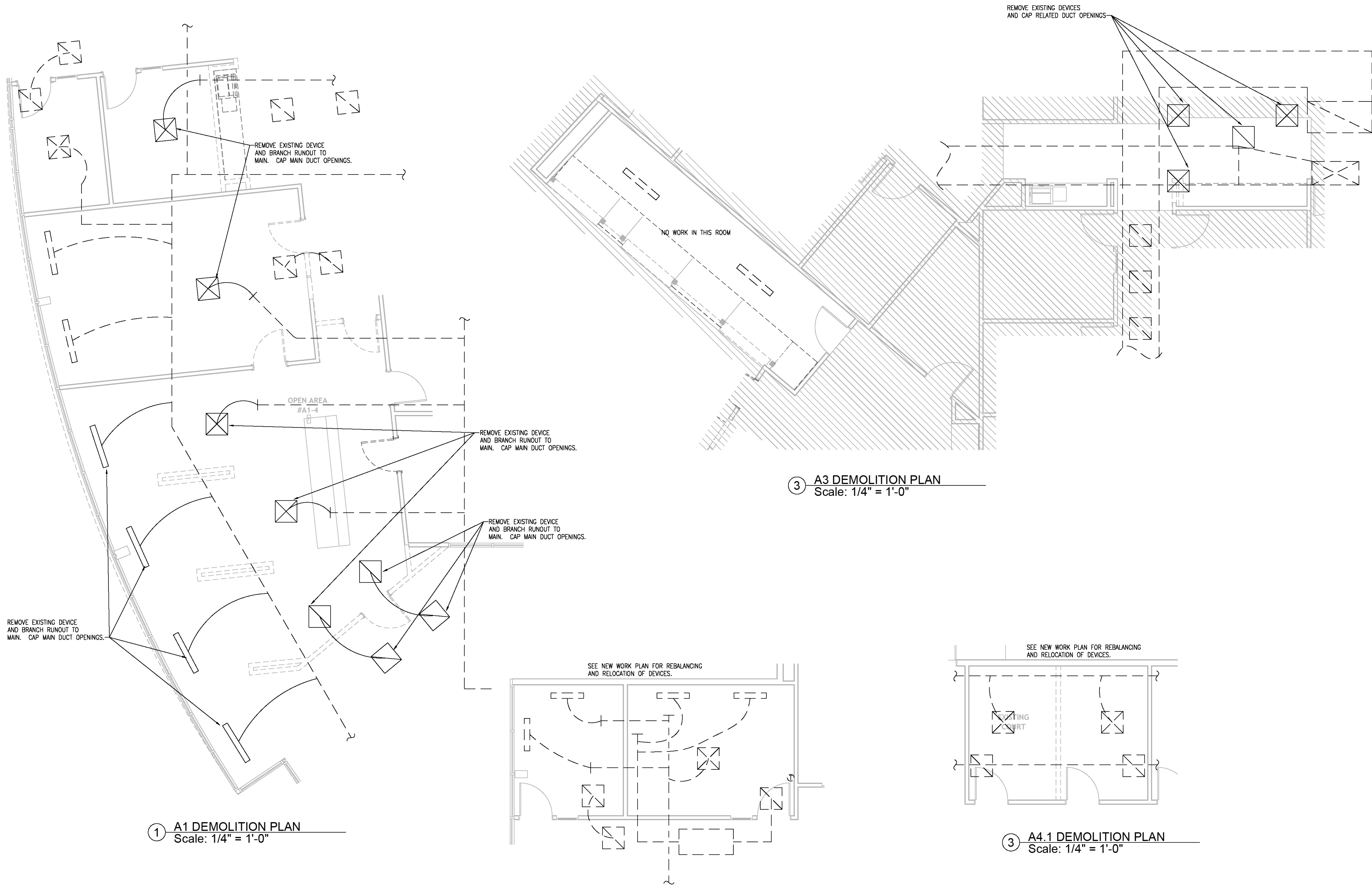


1 A1 CEILING PLAN
Scale: 1/4" = 1'-0"

MODIFY EXISTING SYSTEM IN THIS AREA OF WORK FOR NEW CEILING AND WALL CONDITIONS.

**TUCKER CITY HALL
RENOVATION**

1975 Lakeside Pkwy Suite 350,
Tucker, GA 30084



① A1 DEMOLITION PLAN
Scale: 1/4" = 1'-0"

② A2 DEMOLITION PLAN
Scale: 1/4" = 1'-0"

③ A3 DEMOLITION PLAN
Scale: 1/4" = 1'-0"

③ A4.1 DEMOLITION PLAN
Scale: 1/4" = 1'-0"

stamp:



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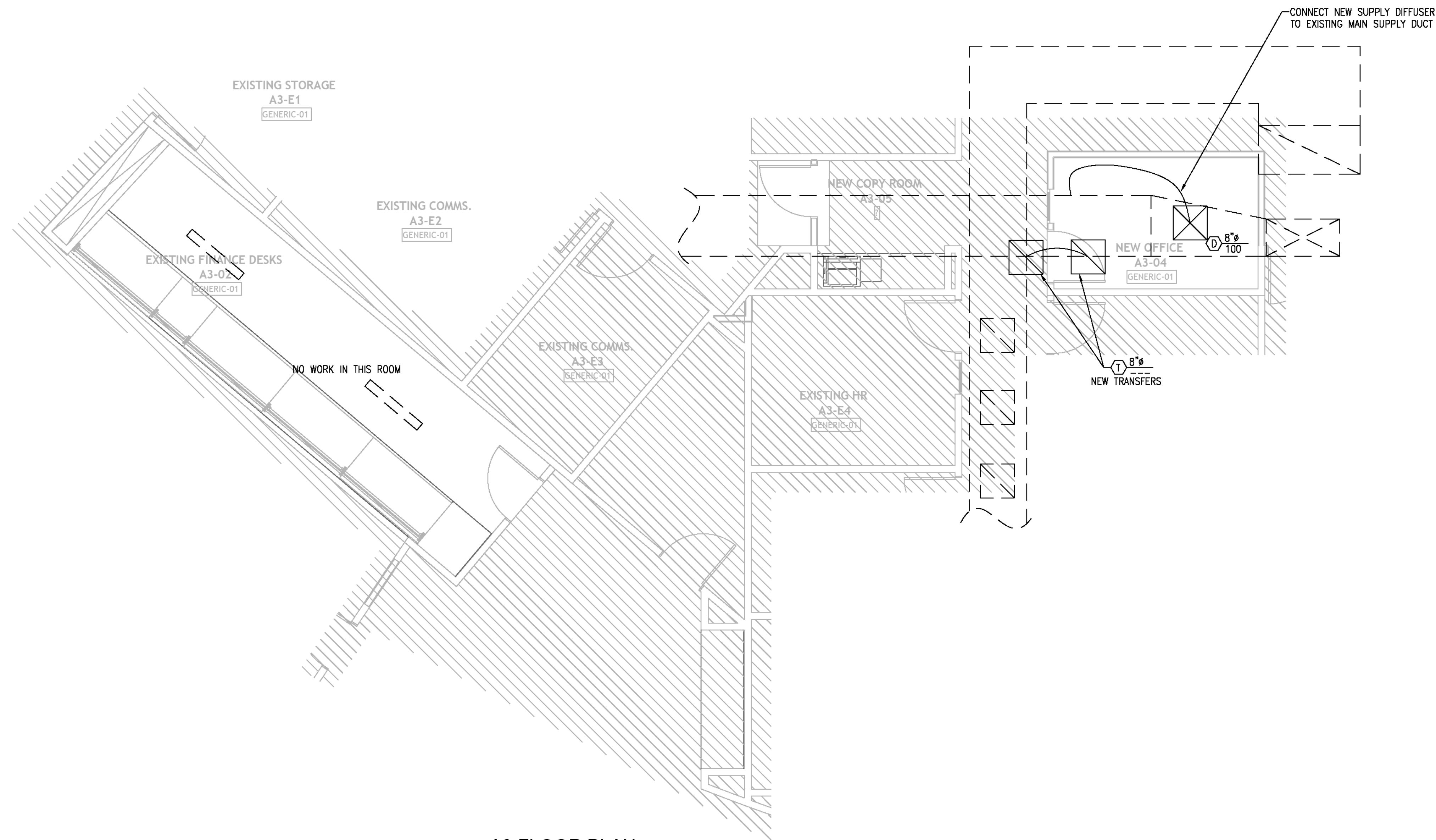
**MECHANICAL
DEMOLITION
PLANS**

project number: 23-039
drawing date: 04.09.2024
scale: as noted

sheet number:

M1-01

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① A3 FLOOR PLAN
Scale: 1/4" = 1'-0"

**TUCKER CITY HALL
RENOVATION**

1975 Lakeside Pkwy Suite 350,
Tucker, GA 30084

stamp:



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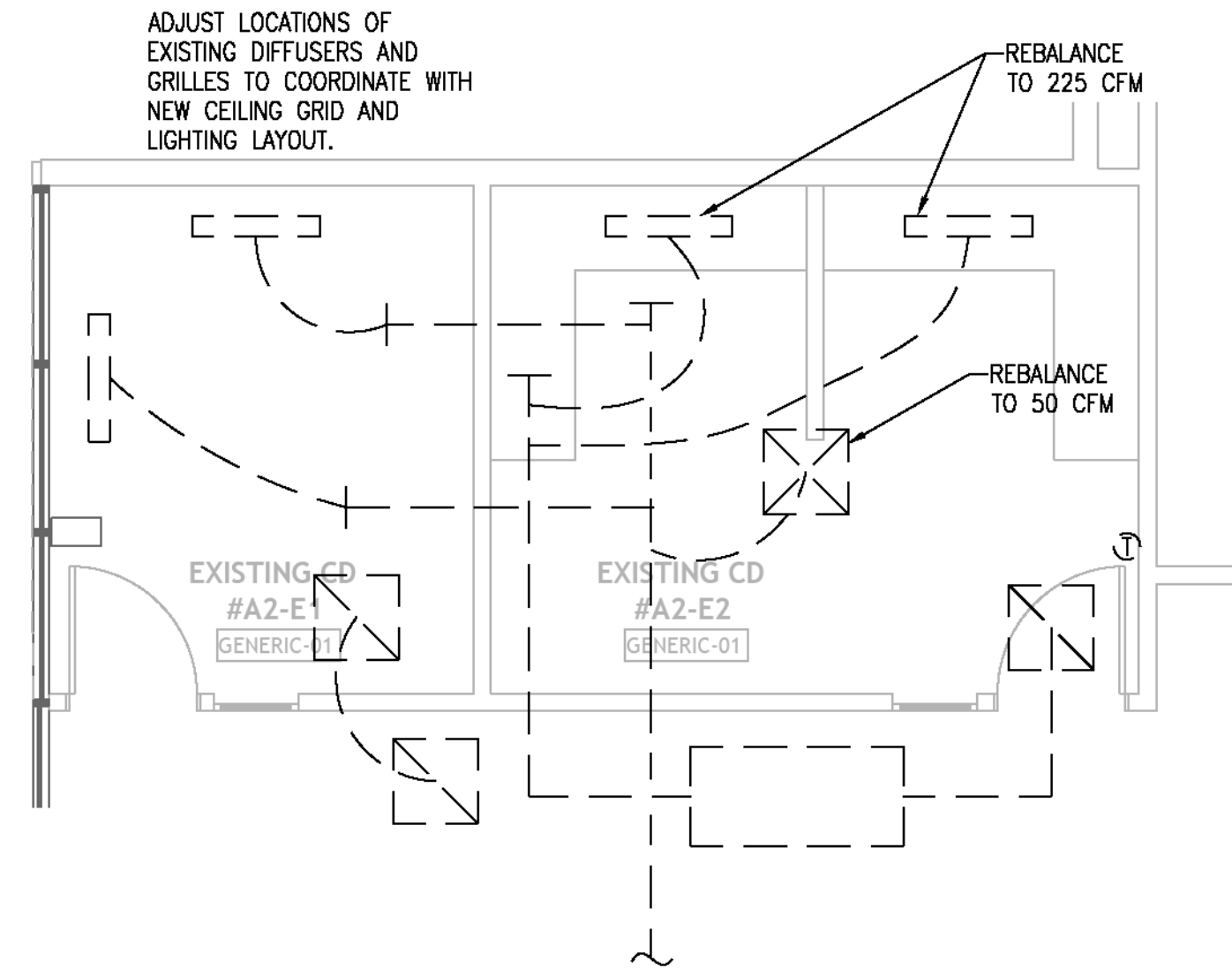
**MECHANICAL
NEW WORK
PLANS**

project number: 23-039
drawing date: 04.09.2024
scale: as noted

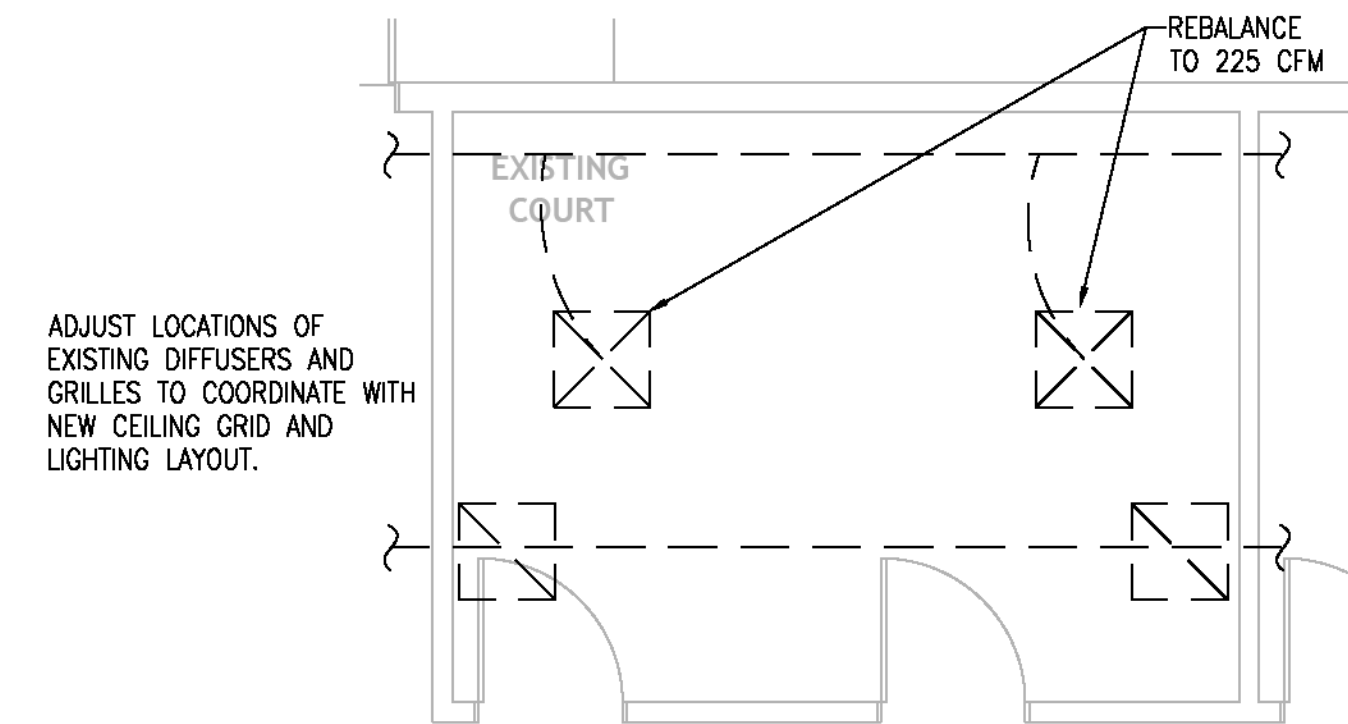
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M2-02

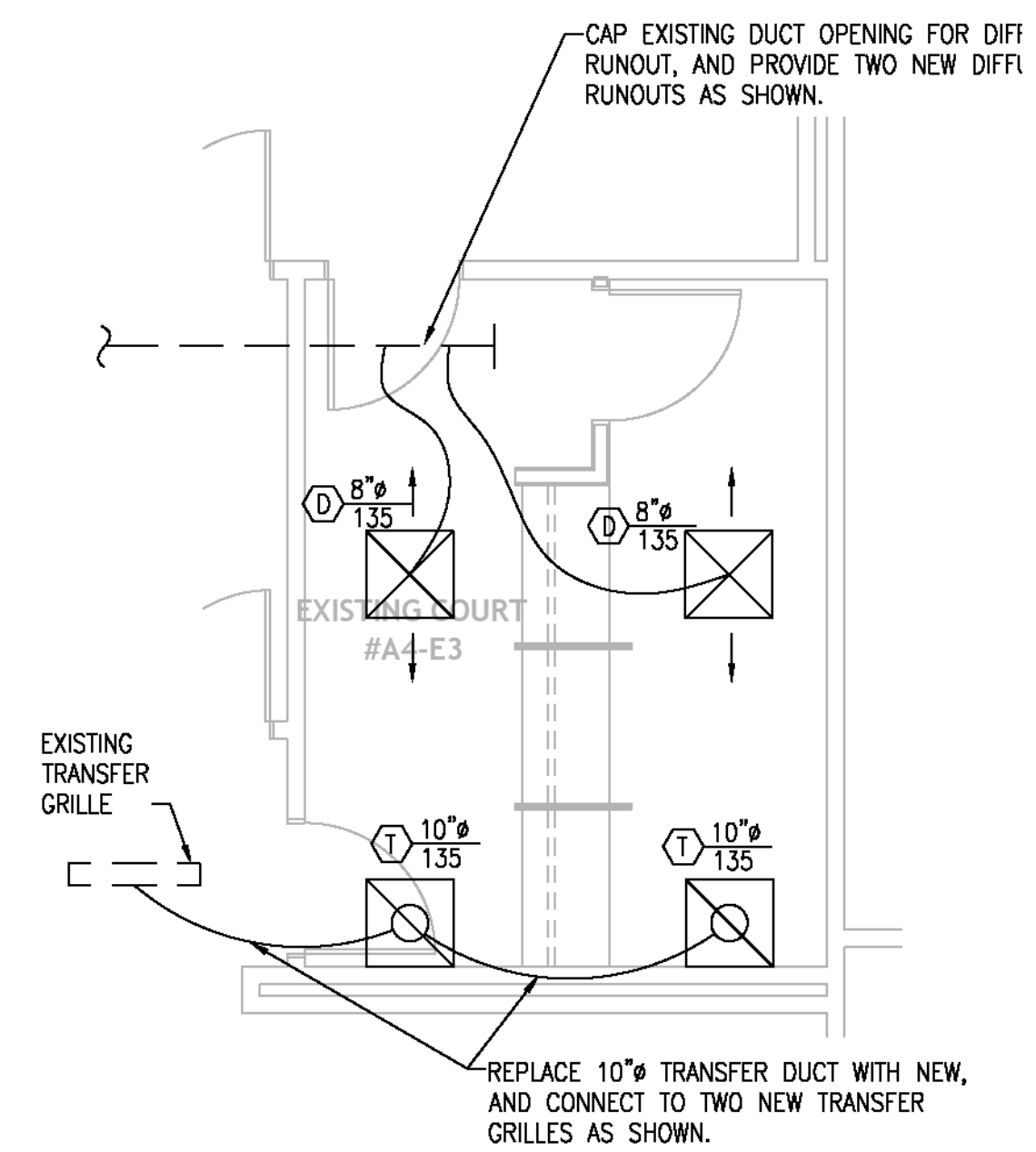
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① **A2 FLOOR PLAN**
Scale: 1/4" = 1'-0"



③ **A4.1 FLOOR PLAN**
Scale: 1/4" = 1'-0"



⑤ **A4 FLOOR PLAN**
Scale: 1/4" = 1'-0"

stamp:



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No.	Description	Date

sheet title:

**MECHANICAL
NEW WORK
PLANS**

project number: 23-039
drawing date: 04.09.2024
scale: as noted

sheet number:

M2-03

NOT ISSUED FOR CONSTRUCTION
 ISSUED FOR CONSTRUCTION



GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT AFFIDAVIT

GEORGIA E-Verify and Public Contracts: The Georgia E-Verify law requires contractors and all sub-contractors on Georgia public contract (contracts with a government agency) for the physical performance of services over \$2,499 in value to enroll in E-Verify, regardless of the number of employees.

Contractor Name:	
Solicitation/Bid number or Project Description:	

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, entity or corporation which is engaged in the physical performance of services under a contract on behalf of the City of Tucker, Georgia has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91.

Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period as required by O.C.G.A. § 13-10-91(b) and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present and affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number
(EEV/E-Verify Company Identification Number)

Date of Authorization

Name of Contractor

I hereby declare under penalty of perjury that the foregoing is true and correct

Printed Name (of Authorized Officer or Agent of Contractor)

Title (of Authorized Officer or Agent of Contractor)

Signature (of Authorized Officer or Agent)

Date Signed

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE

____ DAY OF _____, 20____

[NOTARY SEAL]

Notary Public

My Commission Expires: _____



GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT AFFIDAVIT

GEORGIA E-Verify and Public Contracts: The Georgia E-Verify law requires contractors and all sub-contractors on Georgia public contract (contracts with a government agency) for the physical performance of services over \$2,499 in value to enroll in E-Verify, regardless of the number of employees.

Contractor Name:	
Subcontractor's (Your) Name	
Solicitation/Bid number or Project Description:	

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, entity or corporation which is engaged in the physical performance of services under a contract on behalf of the City of Tucker, Georgia has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91.

Furthermore, the undersigned subcontractor will continue to use the federal work authorization program throughout the contract period as required by O.C.G.A. § 13-10-91(b) and the undersigned subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present and affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Subcontractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number
(EEV/E-Verify Company Identification Number)

Date of Authorization

Name of Subcontractor

I hereby declare under penalty of perjury that the foregoing is true and correct

Printed Name (of Authorized Officer or Agent of Contractor)

Title (of Authorized Officer or Agent of Contractor)

Signature (of Authorized Officer or Agent)

Date Signed

SUBSCRIBED AND SWORN BEFORE ME ON THIS THE

____ DAY OF _____, 20____

Notary Public

[NOTARY SEAL]

My Commission Expires: _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS, THAT

(Name of Contractor) _____ at

(Address of Contractor) _____

(Corporation, Partnership and / or Individual) hereinafter called Principal, and

(Name of Surety) _____

(Address of Surety) _____

A corporation of the State of _____, and a surety authorized by law to do business in the State of Georgia, hereinafter called Surety, are held, and firmly bound unto

(Name of Oblige) City of Tucker Georgia

(Address of Oblige) 1975 Lakeside Parkway, Suite 350, Tucker, Georgia 30084

Hereinafter referred to as Oblige, in the penal sum of _____ Dollars (\$ _____) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted, to the City of Tucker, Georgia, a proposal for furnishing materials, labor, and equipment for:

**ITB # 2024-009
CITY HALL INTERIOR RENOVATION**

WHEREAS, the Principal desires to file this Bond in accordance with law in lieu of a certified Bidder's check otherwise required to accompany this Proposal.

NOW, THEREFORE, the conditions of this obligation are such that if the bid is accepted, the Principal shall within ten days after receipt of notification of the acceptance execute a Contract in accordance with the Bid and upon the terms, conditions, and prices set forth in the form and manner required by the City of Tucker, Georgia, and execute a sufficient and satisfactory Performance Bond and Payment Bond payable to the City of Tucker, Georgia, each in an amount of 100% of the total Contract Price, in form and with security satisfactory to said the City of Tucker, Georgia, and otherwise, to be and remain in full force and virtue in law; and the Surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements within the time specified above, immediately pay to the City of Tucker, Georgia,

upon demand, the amount hereof in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

PROVIDED, FURTHER, that Principal and Surety agree and represent that this bond is executed pursuant, to and in accordance with the applicable provisions of the Official Code of Georgia Annotated, as Amended, including, but not limited to, O.C.G.A. § 13-10-20, et. Seg. And § 36- 91-50, et. Seg. and is intended to be and shall be constructed as a bond in compliance with the requirements thereof.

Signed, sealed, and dated this _____ day of _____ A.D., 20 ____ .

ATTEST:

(Principal Secretary)

(Principal)

(SEAL)

BY: _____

(Witness to Principal)

(Address)

(Address)

(Surety)

ATTEST:

BY: _____
(Attorney-in-Fact) and Resident Agent

(Attorney-in-Fact)

(SEAL)

(Address)

(Witness as to Surety)

Contact Information Form

Please fill out this form with the appropriate contact information for your company.

Full Legal Name of Company: _____

Date: _____

Contractor Information:

Primary Contact Person: _____

Title: _____ Telephone Number: _____

E-mail Address: _____

Secondary Contact Person: _____

Title: _____ Telephone Number: _____

E-mail Address: _____

Preferred Contact for Administration: (i.e. Document Processing) (Choose one)

Primary Contact

Secondary Contact

Address: _____

City / State / Zip: _____

Mailing Address (If different than above): _____

City / State / Zip: _____

Federal Employee ID Number (FEIN): _____



REFERENCES FORM: ITB #2024-009

BIDDERS MUST RETURN THIS FORM WHICH WILL BE ADDED TO SUBMITTED PROPOSAL
Please complete this form and return as part of your bid package when it is submitted.

Name of Bidder _____

REFERENCE #1

Contact Name: _____

Contact Number: _____

Brief Description of work provided: _____

REFERENCE #2

Contact Name: _____

Contact Number: _____

Brief Description of work provided: _____

REFERENCE #3

Contact Name: _____

Contact Number: _____

Brief Description of work provided: _____

Please complete and submit in bid package

ITB #2024-009 CITY HALL INTERIOR RENOVATION

Exhibit B: Cost Proposal

<u>Item #</u>	<u>Item Description</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT COST</u>	<u>TOTAL COST</u>
1	Construction Waste Disposal	Dumpster			
2	Demolition – Partitions	LF			
3	Demolition – Acoustical Ceilings	SF			
4	Demolition – Gypsum Ceilings	SF			
5	Demolition - Carpet	SF			
6	Demolition – Electrical Device and Circuit	EA			
9	Demolition – Mechanical Device and Branch	EA			
10	Partition Type A	LF			
11	Partition Type B	LF			
12	Partition Type C	LF			
13	Partition Type H	LF			
14	Acoustical Ceilings	SF			
15	Gypsum Board Ceilings	SF			
16	Carpet	SF			
17	Interior Door and Frame	EA			
18	Ballistic Glass and Frame	SF			
19	Service Windows (Non-Ballistic)	SF			
20	Paint	SF			
21	Electrical – 2x2 Light Fixture	EA			
22	Electrical – 2x2 Emergency Fixture	EA			
23	Electrical – Can Light	EA			
24	Electrical – Duplex Receptacle	EA			
25	Electrical – Quad Receptacle	EA			
26	Electrical – Single Pole Switch	EA			

ITB #2024-009 CITY HALL INTERIOR RENOVATION

27	Electrical – Voice/Data	EA			
28	Electrical – Fire Strobe	EA			
29	Electrical – Replace Exit Sign	EA			
30	Mechanical – Diffuser	EA			
31	Mechanical – Transfer Grill	EA			
32	Mechanical – 6” Branch Duct	LF			
33	Mechanical – 8” Branch Duct	LF			
34	Mechanical – 10” Branch Duct	LF			
35	Mechanical – 16” Branch Duct	LF			
36	Fire Protection – Rework A1 Ceiling Plan	Area			
37	Fire Protection – Rework A2 Ceiling Plan	Area			
38	Fire Protection – Rework A3 Ceiling Plan	Area			
39	Fire Protection – Rework A4 Ceiling Plan	Area			
40	Fire Protection – Rework A4.1 Ceiling Plan	Area			
41	Specialty – ADA Push Button Bollard and Door Hardware	EA			
	TOTAL				

Company Name: _____

Address: _____

Contact Person: _____

Phone Number: _____

Email Address: _____

Signature: _____

*In case of discrepancy between the unit price and the total price on the completed Bid Schedule, the unit price will prevail, and the total price will be corrected.