

REVISIONS

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Interior Renovation For ROANOKE-BLACKSBURG AIRPORT ADMINISTRATION BUILDING

5240 Valleypark Dr.

Roanoke, Virginia 24019

HUGHES ASSOCIATES
ARCHITECTS & ENGINEERS
3800 ELECTRIC ROAD | STE 300 | ROANOKE, VIRGINIA
540.342.4002
www.HughesAE.com

CODE & BUILDING DATA

GENERAL BUILDING INFORMATION	
BUILDING ADDRESS	5240 VALLEYPARK DRIVE
JURISDICTION	ROANOKE COUNTY, VIRGINIA 24019
TAX PARCEL ID	037.07-01-14.04
YEAR BUILT	1991
ZONING DISTRICT	INDUSTRIAL LIGHT DISTRICT W/ CONDITIONS - I1C
CODE DATA	
APPLICABLE CODE	2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (2021 VUSBC SERIES OF CODES) -2021 VIRGINIA EXISTING BUILDING CODE -2021 VIRGINIA CONSTRUCTION CODE (2021 VCC) 2011 ADDITION: 2006 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (2006 VUSBC SERIES OF CODES)
USE GROUP	B, EXISTING WITH NO CHANGE
CONSTRUCTION TYPE	TYPE IIB NON COMBUSTIBLE, UNPROTECTED. EXISTING WITH NO CHANGE.
FIRE SUPPRESSION	NO SPRINKLER SYSTEM
SMOKE/FIRE ALARM	EXISTING TO BE MAINTAINED
FLOOR AREA	MAIN FLOOR: 11,662 SF. GROUND FLOOR: 6,704 SF. TOTAL:18,366 SF
OCCUPANT LOAD	MAIN FLOOR: 117 GROUND FLOOR: 159. TOTAL: 276
NUMBER OF EXITS	MAIN FLOOR: 4 GROUND FLOOR 2
EXIT ACCESS TRAVEL DISTANCE	ALLOWABLE: 200' PROVIDED: 139'
FIRE RATINGS - EXISTING TO REMAIN	
STRUCTURAL FRAME	0 HOURS, NO CHANGE
CORRIDOR	1 HOUR. EXISTING, NO CHANGE
INTERIOR STAIRWAY	1 HOUR (FIRE BARRIER), NO CHANGE
ELEVATOR	2 HOURS, NO CHANGE

PLUMBING FIXTURES	
REQUIRED	PROVIDED
WATER CLOSETS: 7	WATER CLOSETS: 8
LAVATORIES: 5	LAVATORIES: 8
DRINKING FOUNTAIN: 1	1
SERVICE SINK: 1	1- EXISTING TO REMAIN

NOTE: MAINTAIN THE EXISTING LEVEL OF FIRE PROTECTION AND MEANS OF EGRESS LEVEL OF PROTECTION (2021 VEBC - 602.2)

PROJECT SCOPE

EXISTING BUILDING LEVEL 2 ALTERATION CONSISTING OF AN INTERIOR RENOVATION AND SELECTIVE FINISHES REPLACEMENT THROUGHOUT THE BUILDING. SCOPE INCLUDES THE INSTALLATION OF A NEW MOVABLE GLASS WALL SYSTEM ON THE MAIN FLOOR, AND THE REPLACEMENT OF AN EXISTING COOKTOP WITH A NEW RANGE AND NEW EXHAUST HOOD IN THE BREAK ROOM.

ALTERATIONS LEVEL 1 (SECTION 602)

FIRE PROTECTION: LEVEL OF EXISTING FIRE PROTECTION IS MAINTAINED.
MEANS OF EGRESS: EXISTING LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS IS MAINTAINED.
FLOOD HAZARD: BUILDING IS NOT LOCATED IN A FLOOD HAZARD AREA.
BUILDING ELEMENTS AND MATERIALS: INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE VCC. INTERIOR FLOOR FINISH SHALL COMPLY WITH SECTION 804 OF THE VCC. INTERIOR TRIM MATERIALS SHALL COMPLY WITH SECTION 806 OF THE VCC. ALL NEW WORK SHALL COMPLY WITH THE MATERIALS AND METHODS IN THE VCC, IECC, IMC, AND IPC. FUEL GAS RENOVATIONS ARE EXCLUDED.

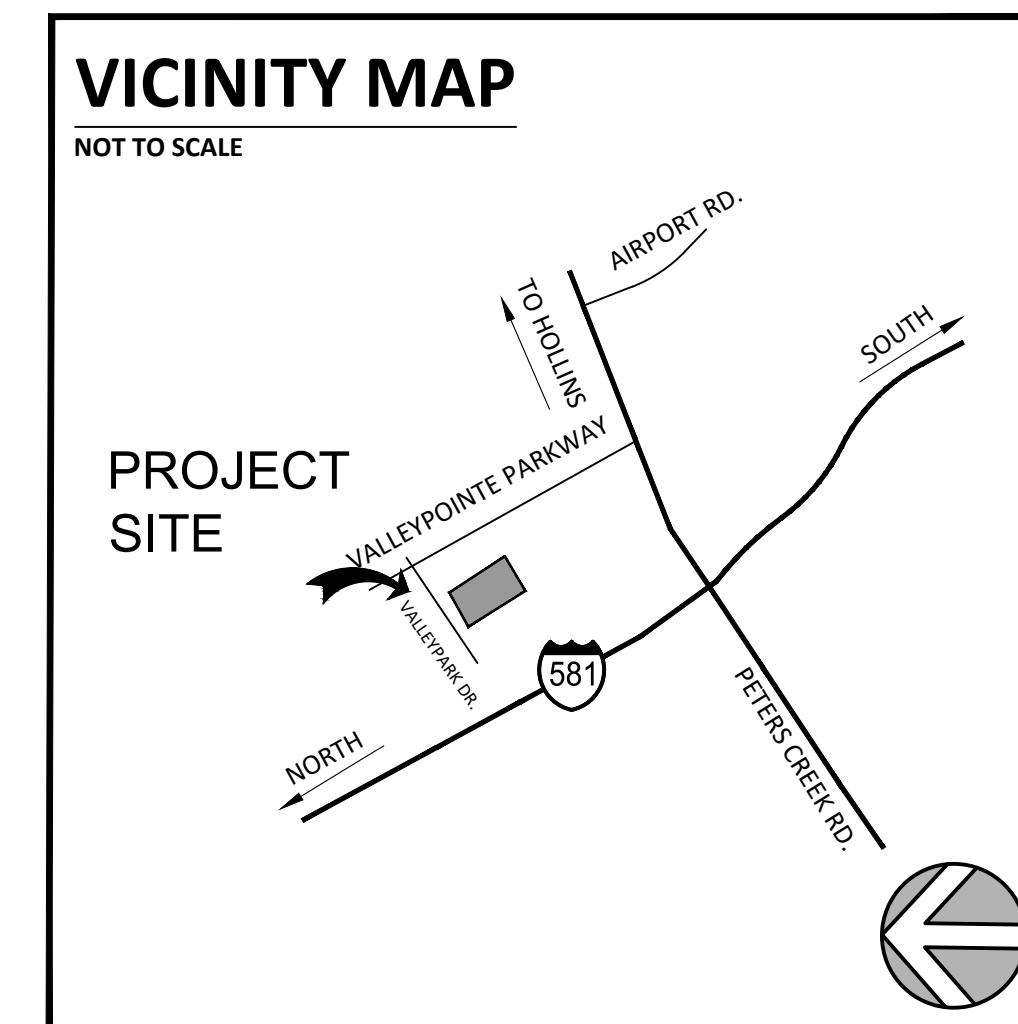
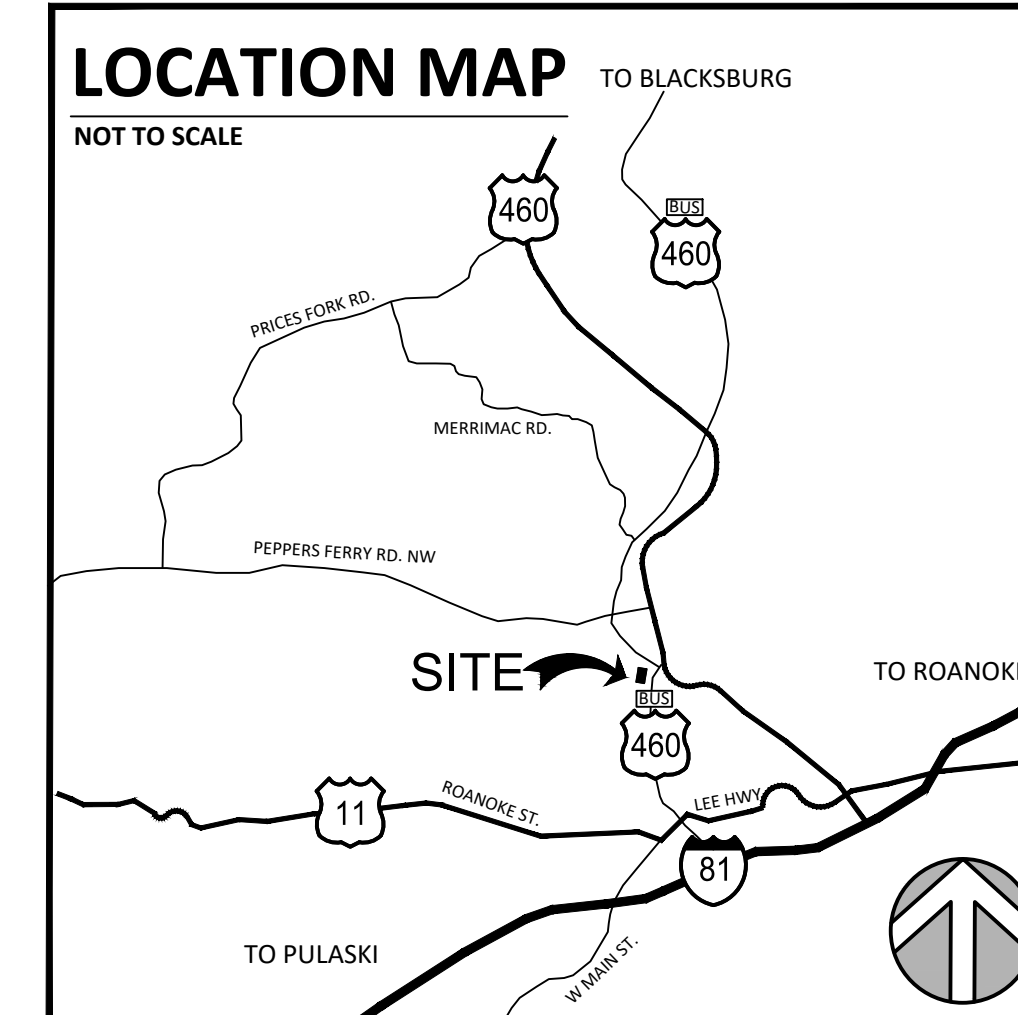
ENERGY CONSERVATION: ONLY NEW CONSTRUCTION IN THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE IECC.

ALTERATIONS LEVEL 2 (SECTION 603)

BUILDING ELEMENTS & MATERIALS: ALL NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE VCC. NO VERTICAL OPENINGS CONNECTING TWO OR MORE FLOORS.
INTERIOR FINISH: INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE VCC.
FIRE PROTECTION: CORRIDOR RATINGS: EXISTING CORRIDOR RATINGS TO REMAIN AS REQUIRED BY THE VCC. ONLY ONE TENANT. STANDPIPES: ONLY ONE TENANT.
FIRE ALARM AND DETECTION: APPROVED FIRE ALARM SYSTEM IS EXISTING THROUGHOUT B USE GROUP.
MEANS OF EGRESS: MEANS OF EGRESS CONFORMING TO THE REQUIREMENTS OF THE BUILDING CODE UNDER WHICH THE BUILDING WAS CONSTRUCTED SHALL BE CONSIDERED COMPLIANT MEANS OF EGRESS. ONLY ONE TENANT.
STRUCTURAL: NEW SHALL COMPLY WITH VCC.
ELECTRICAL: NEWLY INSTALLED EQUIPMENT AND WIRING RELATING TO WORK DONE IN ANY WORK AREA SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF NFPA 70.
MECHANICAL: NATURAL AND MECH VENTILATION IN THE WORK AREA IN ACCORDANCE WITH THE VMC

SHEET LIST

SHEET #	SHEET NAME	REVISION DATE
T-1	COVER SHEET, CODE & BUILDING DATA	
LS-1	GROUND FLOOR LIFE SAFETY PLAN & NOTES	
LS-2	MAIN FLOOR LIFE SAFETY PLAN & NOTES	
SP-1	SPECIFICATIONS	
SP-2	SPECIFICATIONS	
SP-3	SPECIFICATIONS	
SP-4	SPECIFICATIONS	
S1-1	STRUCTURAL PLANS & DETAILS	
AD-1	GROUND FLOOR DEMOLITION PLAN AND NOTES	
AD-2	MAIN FLOOR DEMOLITION PLAN AND NOTES	
A1-1	NEW WORK PLANS AND NOTES	
A1-2	SCHEDULES, DETAILS AND NOTES	
ID-1	INTERIOR FINISHES- GROUND FLOOR	
ID-2	INTERIOR FINISHES- MAIN FLOOR	
ID-3	INTERIOR ELEVATIONS	



DRAWING SYMBOLS

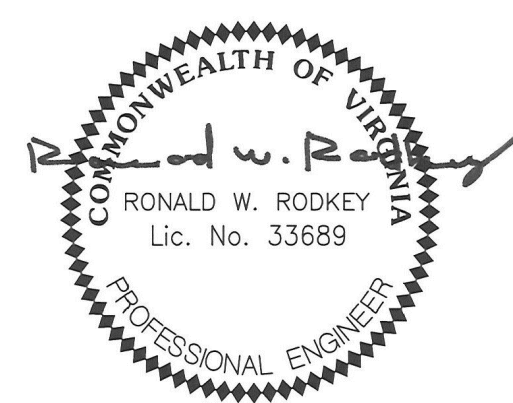
DEMO. NOTE OR TOILET ACCESSORY		REVISION NO.	
DOOR TAG		PARTITION TYPE	
WINDOW TAG		NEW WORK NOTE	
ELEVATION		SHEET WHERE ELEV. APPEARS DETAIL NO. SHEET WHERE ELEV. WAS TAKEN	
SECTION CUT			
INTERIOR ELEVATION		ENLARGED DETAIL OR PLAN	
		NORTH ARROW	

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INTERIOR RENOVATIONS FOR
ROANOKE-BLACKSBURG AIRPORT
ADMINISTRATION BUILDING
5240 VALLEYPARK DRIVE, ROANOKE, VA

DRAWN BY: AO
CHECKED BY: AD

COVER SHEET,
CODE AND
BUILDING DATA



COMMISSION No.
26008.001
SHEET
T-1

LEGEND

- EXISTING 1-HR FIRE PARTITION
- EXISTING 1-HR FIRE BARRIER- STAIRWAY
- EXISTING 2-HR FIRE BARRIER - ELEVATOR SHAFT
- ACTUAL TRAVEL DISTANCE
- ROOM NAME
| #,### SF | ### ROOM OCCUPANCY LOAD PER T.1004.5
- ROOM NO. ROOM AREA
- EXIT SIGN - EXISTING
- FE FIRE EXTINGUISHER
- 30" x 72" CP 30" EGRESS DOOR SIZE AND CAPACITY
- GATHERING SPACE - GROUP B - SMALL ASSEMBLY

NOTICE
 FOR YOUR SAFETY
OCCUPANCY
 IS LIMITED TO:
49
 PERSONS
 BY ORDER OF:
 THE CODE OFFICIAL
 Keep Posted Under Penalty Of Law
OCCUPANT LOAD SIGN
 NO SCALE

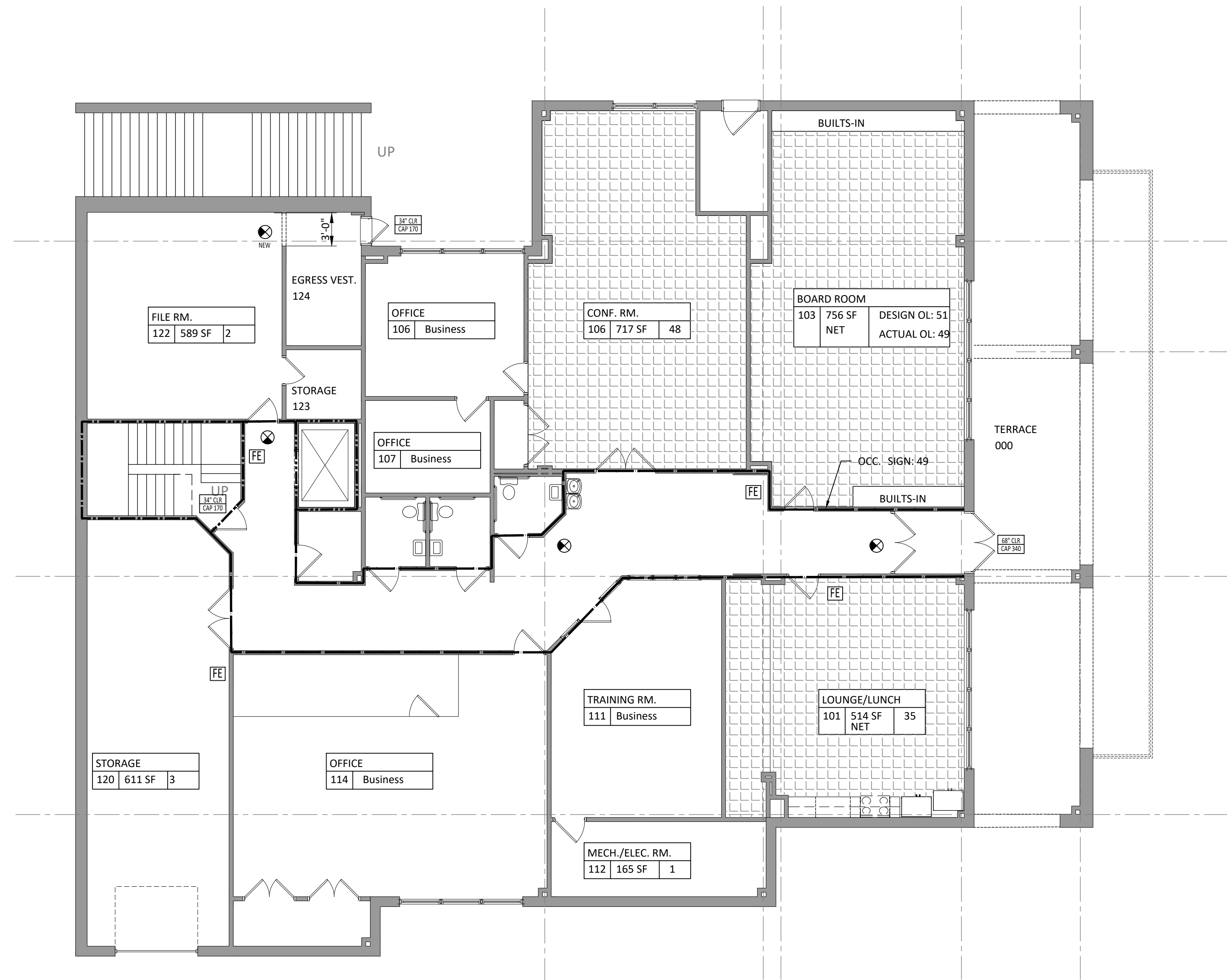
OCCUPANT LOAD

GROUND FLOOR	SPACE	FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
	101 LOUNGE/LUNCH	BUSINESS - SMALL ASSEMBLY (UNCONCENTRATED)	514	15 SF NET	35
	103 BOARD ROOM	BUSINESS - SMALL ASSEMBLY (UNCONCENTRATED)	756	15 SF NET	DESIGN OL=51, ACTUAL OL=49
	106 CONFERENCE ROOM	BUSINESS - SMALL ASSEMBLY (UNCONCENTRATED)	717	15 SF NET	48
	112 MECH./ELEC. ROOM	BUSINESS - STORAGE	165	300 SF GROSS	1
	120 FILE ROOM	BUSINESS - STORAGE	611	300 SF GROSS	3
	122 FILE ROOM	BUSINESS - STORAGE	589	300 SF GROSS	2
	OFFICES	BUSINESS - ADMINISTRATIVE	3,115	150 SF GROSS	21
GROUND FLOOR AREA= 6,704 SF.					
NEW OCCUPANT LOAD = 159 PREVIOUS OCCUPANT LOAD: 6,704/100 = 68 (134% INCREASE)					

NOTE:
 1- ROOM 122 SHALL NOT BE LOCKED AT ANYTIME WHILE THE BUILDING IS IN USE. (1016.2.5 EGRESS THROUGH INTERVENING SPACES)



SITE KEY PLAN
 SCALE: N.T.S



LIFE SAFETY PLAN - GROUND FLOOR
 SCALE: 1/8" = 1'-0"



INTERIOR RENOVATIONS FOR
 ROANOKE-BLACKSBURG AIRPORT
 ADMINISTRATION BUILDING
 5240 VALLEYPARK DRIVE, ROANOKE, VA

DRAWN BY: AO
 CHECKED BY: AD

LIFE SAFETY
 PLAN - GROUND
 FLOOR

COMMONWEALTH OF VIRGINIA
 05.25.26
 ALAN J. DOWNIE
 Lic. No. 12522
 ARCHITECT

COMMISSION No.
 26008.001
 SHEET
LS-1
CCP VA 6/11/2016
 HUGHES ASSOCIATES ARCHITECTS & ENGINEERS
 A PROFESSIONAL CORPORATION

Drawing File: EA_2026A_26008.001 - Roanoke Airport - Administration Office Renovation V22 AutoCAD Architecture 2020.rvt, RDN_Archet_4.dwg, LS-1.dwg
 5/28/2026 10:54 AM

LEGEND

- EXISTING 1-HR FIRE PARTITION
 - - - EXISTING 1-HR FIRE BARRIER - STAIRWAY
 - - - EXISTING 2-HR FIRE BARRIER - ELEVATOR SHAFT
 - ACTUAL TRAVEL DISTANCE
- ROOM NAME
 ### #,### SF ###
- ROOM NO ROOM AREA
 # #,### SF
- ROOM OCCUPANCY LOAD PER T.1004.5
- EXIT SIGN - EXISTING
- FE FIRE EXTINGUISHER
- EGRESS DOOR SIZE AND CAPACITY
- GATHERING SPACE - GROUP B - SMALL ASSEMBLY

NOTICE
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76
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 BY ORDER OF:
 THE CODE OFFICIAL
 Keep Posted Under Penalty Of Law

OCCUPANT LOAD SIGN
 NO SCALE

OCCUPANT LOAD

MAIN FLOOR	SPACE	FUNCTION OF SPACE	AREA (SF)	OCCUPANT LOAD FACTOR	OCCUPANT LOAD
	OFFICES	ADMINISTRATIVE - BUSINESS	10,199	150 SF GROSS	71
		COVERED PORCH	333		
	210 OPEN COLLAB SPACE	BUSINESS - ACCESSORY OCCUPANCY	1,130 (9.7% OF FLOOR AREA) PER VCC 508.2.3)	15 SF NET	76

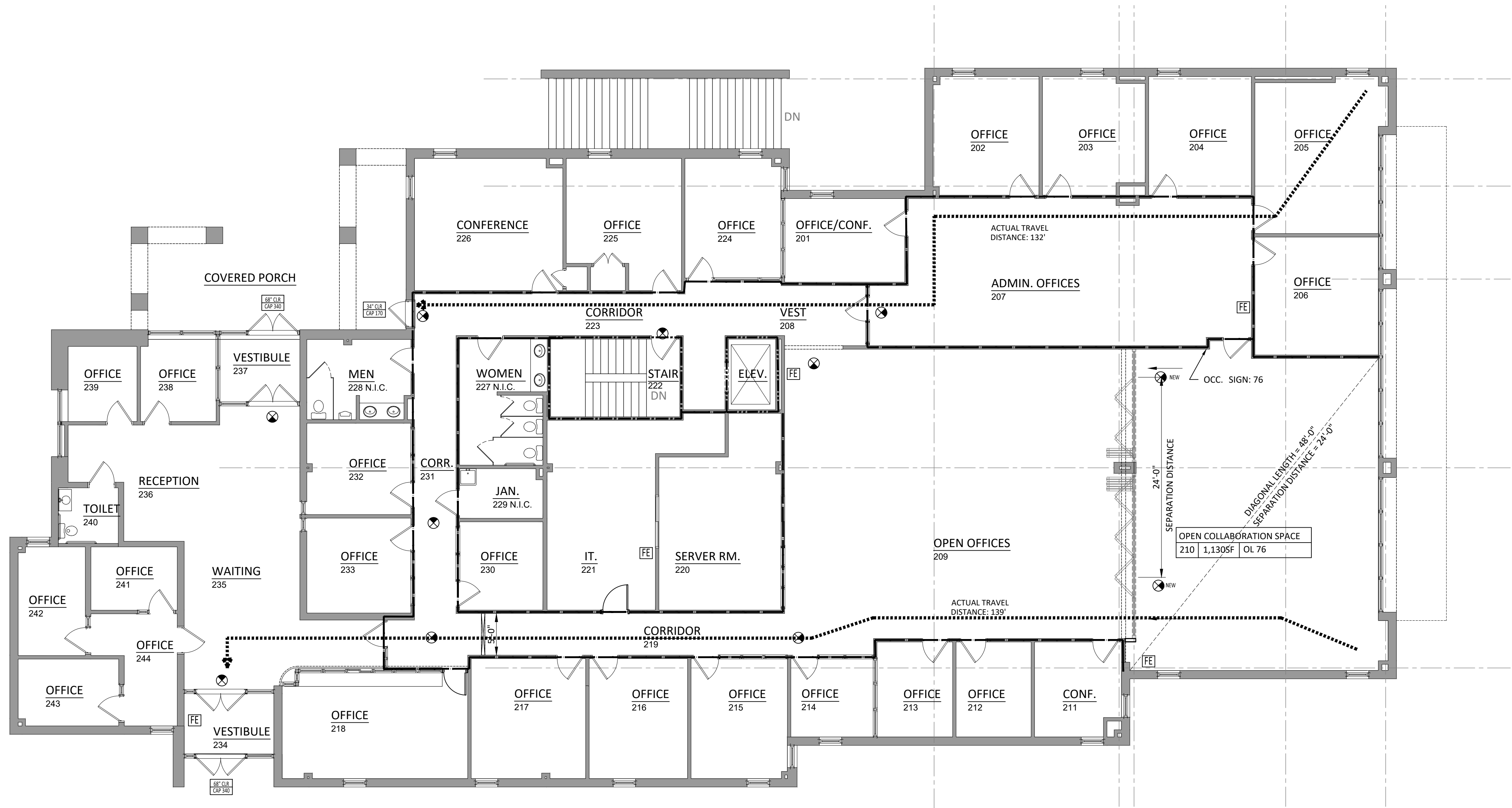
MAIN FLOOR AREA = 11,662 SF.
 NEW OCCUPANT LOAD = 71 + 76 = 147
 PREVIOUS OCCUPANT LOAD: 11,662/100 = 117 (25.64% INCREASE)

VCC EXCERPTS & DEFINITIONS

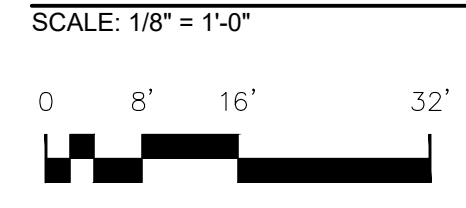
[B]AREA, BUILDING. The area included within surrounding exterior walls, or exterior walls and fire walls, exclusive of vent shafts and courts. Areas of the building not provided with surrounding walls shall be included in the building area if such areas are included within the horizontal projection of the roof or floor above.

[B]FLOOR AREA, GROSS. The floor area within the inside perimeter of the exterior walls of the building under consideration, exclusive of vent shafts and courts, without deduction for corridors, stairways, ramps, closets, the thickness of interior walls, columns or other features. The floor area of a building, or portion thereof, not provided with surrounding exterior walls shall be the usable area under the horizontal projection of the roof or floor above. The gross floor area shall not include shafts with no openings or interior courts.

[B]FLOOR AREA, NET. The actual occupied area not including unoccupied accessory areas such as corridors, stairways, ramps, toilet rooms, mechanical rooms and closets.



LIFE SAFETY PLAN - MAIN FLOOR



INTERIOR RENOVATIONS FOR
 ROANOKE-BLACKSBURG AIRPORT
 ADMINISTRATION BUILDING
 5240 VALLEYPARK DRIVE, ROANOKE, VA

DRAWN BY: AO
 CHECKED BY: AD

LIFE SAFETY
 PLAN- MAIN
 FLOOR



COMMISSION No.
 26008.001
 SHEET
LS-2

DIVISION 01 - GENERAL REQUIREMENTS
SECTION 011000
SUMMARY

PART 1 GENERAL

1.01 PROJECT

- A. Project Name: Interior Renovations for Roanoke-Blacksburg Administration Building, 5240 Valleypark Dr. Roanoke, VA
- B. The Project consists of the interior renovations of an existing office building. .

1.02 CONTRACT DESCRIPTION

- A. Contract Type: A single prime contract based on a Stipulated Price .

1.03 DESCRIPTION OF ALTERATIONS WORK

- A. Scope of alterations work is indicated on drawings.

1.04 PERMITS AND FEES BY CONTRACTOR

- A. Obtain and pay for the following permits from The County of Roanoke.
 - 1. Building Permit

1.05 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
 - 1. Locate and conduct construction activities in ways that will limit disturbance to site.

1.06 WORK SEQUENCE

- A. Coordinate construction schedule and operations with Owner.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

SECTION 012000
PRICE AND PAYMENT PROCEDURES

PART 1 GENERAL

1.01 SCHEDULE OF VALUES

- A. Electronic media printout including equivalent information will be considered in lieu of standard form specified; submit draft to Architect for approval.
 - B. Forms filled out by hand will not be accepted.
 - C. Submit Schedule of Values within 15 days after date of Owner-Contractor Agreement.
 - D. Revise schedule to list approved Change Orders, with each Application For Payment.
- 1.02 APPLICATIONS FOR PROGRESS PAYMENTS
- A. Payment Period: Submit at intervals agreed on by the Owner..
 - B. Use Form AIA G702 and Form AIA G703.
 - C. Electronic media printout including equivalent information will be considered in lieu of standard form specified; submit sample to Architect for approval.
 - D. Forms filled out by hand will not be accepted.
 - E. Execute certification by signature of authorized officer.
 - F. Use data from approved Schedule of Values. Provide dollar value in each column for each line item for portion of work performed and for stored products.
 - G. List each authorized Change Order as a separate line item, listing Change Order number and dollar amount as for an original item of work.
 - H. Submit one electronic copy of each Application for Payment.
 - I. When Architect requires substantiating information, submit data justifying dollar amounts in question.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

SECTION 013000
ADMINISTRATIVE REQUIREMENTS

PART 1 GENERAL

1.01 GENERAL ADMINISTRATIVE REQUIREMENTS

- A. Make the following types of submittals to Architect:
 - 1. Requests for Interpretation (RFI).
 - 2. Requests for substitution.
 - 3. Shop drawings, product data, and samples.
 - 4. Design data.
 - 5. Applications for payment and change order requests.
 - 6. Progress schedules.
 - 7. Coordination drawings.
 - 8. Correction Punch List and Final Correction Punch List for Substantial Completion.
 - 9. Closeout submittals.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION

3.01 PRECONSTRUCTION MEETING

- A. Contractor to schedule meeting after Notice of Award.
- B. Attendance Required:
 - 1. Owner.
 - 2. Architect.
 - 3. Contractor.
- C. Agenda:
 - 1. Submission of schedule of values.
 - 2. Submission of the construction schedule.
 - 3. Designation of personnel representing the parties to Contract.
 - 4. Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal request, Change Orders, and Contract closeout procedures.
 - 5. Scheduling.
- D. Contractor to record minutes and distribute copies within two days after meeting to participants, with electronic copies to Architect, Owner, participants, and those affected by decisions made.

3.02 PROGRESS MEETINGS

- A. Contractor to schedule and administer meetings throughout progress of the work at maximum semi-monthly intervals.
- B. Attendance Required:
 - 1. Contractor.
 - 2. Owner.
 - 3. Architect.
 - 4. Contractor's superintendent.
 - 5. Major subcontractors as appropriate.
- C. Agenda:
 - 1. Review minutes of previous meetings.
 - 2. Review of work progress.
 - 3. Field observations, problems, and decisions.
 - 4. Identification of problems that impede, or will impede, planned progress.
 - 5. Review of submittals schedule and status of submittals.
 - 6. Review of RFIs log and status of responses.
 - 7. Review of off-site fabrication and delivery schedules.
 - 8. Maintenance of progress schedule.
 - 9. Corrective measures to regain projected schedules.
 - 10. Planned progress during succeeding work period.
 - 11. Coordination of projected progress.
 - 12. Maintenance of quality and work standards.
 - 13. Effect of proposed changes on progress schedule and coordination.
 - 14. Other business relating to work.

- D. Record minutes and distribute copies within two days after meeting to participants, with electronic copies to Architect, Owner, participants, and those affected by decisions made.

3.03 REQUESTS FOR INTERPRETATION (RFI)

- A. Definition: A request seeking one of the following:
 - 1. An interpretation, amplification, or clarification of some requirement of Contract Documents arising from inability to determine from them the exact material, process, or system to be installed; or when the elements of construction are required to occupy the same space (interference); or when an item of work is described differently at more than one place in Contract Documents.
 - 2. A resolution to an issue which has arisen due to field conditions and affects design intent.
- B. Whenever possible, request clarifications at the next appropriate project progress meeting, with response entered into meeting minutes, rendering unnecessary the issuance of a formal RFI.
- C. Attachments: Include sketches, coordination drawings, descriptions, photos, submittals, and other information necessary to substantiate the reason for the request.
- D. RFI Log: Prepare and maintain a tabular log of RFIs for the duration of the project.
 - 1. Indicate current status of every RFI. Update log promptly and on a regular basis.
 - 2. Note dates of when each request is made, and when a response is received.
 - 3. Highlight items requiring priority or expedited response.
- E. Review Time: Architect will respond and return RFIs to Contractor within seven calendar days of receipt. For the purpose of establishing the start of the mandated response period, RFIs received after 12:00 noon will be considered as having been received on the following regular working day.
 - 1. Response period may be shortened or lengthened for specific items, subject to mutual agreement, and recorded in a timely manner in progress meeting minutes.
- F. Responses: Content of answered RFIs will not constitute in any manner a directive or authorization to perform extra work or delay the project. If in Contractor's belief it is likely to lead to a change to Contract Sum or Contract Time, promptly issue a notice to this effect, and follow up with an appropriate Change Order request to Owner.
 - 1. Response may include a request for additional information, in which case the original RFI will be deemed as having been answered, and an amended one is to be issued forthwith. Identify the amended RFI with an R suffix to the original number.
 - 2. Do not extend applicability of a response to specific item to encompass other similar conditions, unless specifically so noted in the response.
 - 3. Upon receipt of a response, promptly review and distribute it to all affected parties, and update the RFI Log.
 - 4. Notify Architect within seven calendar days if an additional or corrected response is required by submitting an amended version of the original RFI, identified as specified above.

3.04 SUBMITTALS FOR REVIEW

- A. When the following are specified in individual sections, submit them for review:
 - 1. Product data. Digital (PDF)
 - 2. Design data. Digital (PDF)
 - 3. Shop drawings. Digital (PDF)
 - 4. Samples for verification: Digital (PDF) marked to indicate product, color, finish..
- B. Submit to Architect for review for the limited purpose of checking for compliance with information given and the design concept expressed in Contract Documents.
- C. Samples will be reviewed for aesthetic, color, or finish selection.
- D. After review, provide copies and distribute in accordance with SUBMITTAL PROCEDURES article below.

3.05 SUBMITTALS FOR PROJECT CLOSEOUT

- A. Submit Correction Punch List for Substantial Completion.
- B. Submit Final Correction Punch List for Substantial Completion.
- C. Submit the following at project closeout.
 - 1. Project record documents.
 - 2. Operation and maintenance data.
 - 3. Warranties.
 - 4. Bonds.
 - 5. Other types as indicated.
- D. Submit for Owner's benefit during and after project completion.

3.06 SUBMITTAL REVIEW

- A. Submittals for Review: Architect will review each submittal, and approve, or take other appropriate action.
- B. Submittals for Information: Architect will acknowledge receipt and review. See below for actions to be taken.
- C. Architect's actions will be reflected by marking each returned submittal using virtual stamp on electronic submittals.
 - 1. Notations may be made directly on submitted items and/or listed on appended Submittal Review cover sheet.
- D. Architect's and consultants' actions on items submitted for review:
 - 1. Authorizing purchasing, fabrication, delivery, and installation:
 - a. "Approved", or language with same legal meaning.
 - b. "Approved as Noted, Resubmission not required", or language with same legal meaning.
 - 1) At Contractor's option, submit corrected item, with review notations acknowledged and incorporated.
 - c. "Approved as Noted, Resubmit for Record", or language with same legal meaning.
 - a. "Revise and Resubmit".
 - 1) Resubmit revised item, with review notations acknowledged and incorporated.
 - b. "Rejected".
 - 1) Submit item complying with requirements of Contract Documents.
 - E. Architect's and consultants' actions on items submitted for information:
 - 1. Items for which no action was taken:
 - a. "Received" - to notify the Contractor that the submittal has been received for record only.
 - 2. Items for which action was taken:
 - a. "Reviewed" - no further action is required from Contractor.

SECTION 016000
PRODUCT REQUIREMENTS

PART 1 GENERAL

1.01 SUBMITTALS

- A. Product Data Submittals: Submit manufacturer's standard published data. Mark each copy to identify applicable products, models, options, and other data. Supplement manufacturers' standard data to provide information specific to this Project.
- B. Shop Drawing Submittals: Prepared specifically for this Project.
- C. Sample Submittals: Illustrate functional and aesthetic characteristics of the product, with integral parts and attachment devices. Coordinate sample submittals for interfacing work.
 - 1. For selection from standard finishes, submit samples of the full range of the manufacturer's standard colors, textures, and patterns.

PART 2 PRODUCTS

2.01 EXISTING PRODUCTS

- A. Do not use materials and equipment removed from existing premises unless specifically required or permitted by Contract Documents.
- B. Existing materials and equipment indicated to be removed, but not to be re-used, relocated, reinstalled, delivered to the Owner, or otherwise indicated as to remain the property of the Owner, become the property of the Contractor, remove from site.

2.02 NEW PRODUCTS

- A. Provide new products unless specifically required or permitted by Contract Documents.

2.03 PRODUCT OPTIONS

- A. Products Specified by Reference Standards or by Description Only: Use any product meeting those standards or description.
- B. Products Specified by Naming One or More Manufacturers: Use a product of one of the manufacturers named and meeting specifications, no options or substitutions allowed.
- C. Products Specified by Naming One or More Manufacturers with a Provision for Substitutions: Submit a request for substitution for any manufacturer not named.

2.04 MAINTENANCE MATERIALS

- A. Furnish extra materials, spare parts, tools, and software of types and in quantities specified in individual specification sections.
- B. Deliver and place in location as directed; obtain receipt prior to final payment.

PART 3 EXECUTION

3.01 SUBSTITUTION LIMITATIONS

3.02 TRANSPORTATION AND HANDLING

- A. Package products for shipment in manner to prevent damage; for equipment, package to avoid loss of factory calibration.
- B. If special precautions are required, attach instructions prominently and legibly on outside of packaging.

- C. Coordinate schedule of product delivery to designated prepared areas in order to minimize site storage time and potential damage to stored materials.
- D. Transport and handle products in accordance with manufacturer's instructions.
- E. Transport materials in covered trucks to prevent contamination of product and littering of surrounding areas.
- F. Promptly inspect shipments to ensure that products comply with requirements, quantities are correct, and products are undamaged.
- G. Provide equipment and personnel to handle products by methods to prevent soiling, disfigurement, or damage, and to minimize handling.
- H. Arrange for the return of packing materials, such as wood pallets, where economically feasible.

3.03 STORAGE AND PROTECTION

- A. Provide protection of stored materials and products against theft, casualty, or deterioration.
- B. Designate receiving/storage areas for incoming products so that they are delivered according to installation schedule and placed convenient to work area in order to minimize waste due to excessive materials handling and misapplication.
- C. Store and protect products in accordance with manufacturers' instructions.
- D. Store with seals and labels intact and legible.
- E. Arrange storage of materials and products to allow for visual inspection for the purpose of determination of quantities, amounts, and unit counts.
- F. Store sensitive products in weathertight, climate-controlled enclosures in an environment favorable to product.
- G. Provide off-site storage and protection when site does not permit on-site storage or protection.
- H. Protect products from damage or deterioration due to construction operations, weather, precipitation, humidity, temperature, sunlight and ultraviolet light, dirt, dust, and other contaminants.
- I. Comply with manufacturer's warranty conditions, if any.
- J. Do not store products directly on the ground.
- K. Cover products subject to deterioration with impervious sheet covering. Provide ventilation to prevent condensation and degradation of products.
- L. Store loose granular materials on solid flat surfaces in a well-drained area. Prevent mixing with foreign matter.
- M. Prevent contact with material that may cause corrosion, discoloration, or staining.
- N. Provide equipment and personnel to store products by methods to prevent soiling, disfigurement, or damage.
- O. Arrange storage of products to permit access for inspection. Periodically inspect to verify products are undamaged and are maintained in acceptable condition.

SECTION 017000
EXECUTION AND CLOSEOUT REQUIREMENTS

PART 1 GENERAL

1.01 PROJECT CONDITIONS

- A. Ventilate enclosed areas to assist cure of materials, to dissipate humidity, and to prevent accumulation of dust, fumes, vapors, or gases.

PART 2 PRODUCTS

2.01 PATCHING MATERIALS

- A. New Materials: As specified in product sections; match existing products and work for patching and extending work.
- B. Type and Quality of Existing Products: Determine by inspecting and testing products where necessary, referring to existing work as a standard.
- C. Product Substitution: For any proposed change in materials, submit request for substitution to the Architect.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that existing site conditions and substrate surfaces are acceptable for subsequent work. Start of work means acceptance of existing conditions.
- B. Verify that existing substrate is capable of structural support or attachment of new work being applied or attached.
- C. Examine and verify specific conditions described in individual specification sections.
- D. Take field measurements before confirming product orders or beginning fabrication, to minimize waste due to over-ordering or misfabrication.
- E. Verify that utility services are available, of the correct characteristics, and in the correct locations.
- F. Prior to Cutting: Examine existing conditions prior to commencing work, including elements subject to damage or movement during cutting and patching. After uncovering existing work, assess conditions affecting performance of work. Beginning of cutting or patching means acceptance of existing conditions.

3.02 PREPARATION

- A. Clean substrate surfaces prior to applying next material or substance.
- B. Seal cracks or openings of substrate prior to applying next material or substance.
- C. Apply manufacturer required or recommended substrate primer, sealer, or conditioner prior to applying any new material or substance in contact or bond.

3.03 GENERAL INSTALLATION REQUIREMENTS

- A. Install products as specified in individual sections, in accordance with manufacturer's instructions and recommendations, and so as to avoid waste due to necessity for replacement.
- B. Make vertical elements plumb and horizontal elements level, unless otherwise indicated.
- C. Install equipment and fittings plumb and level, neatly aligned with adjacent vertical and horizontal lines, unless otherwise indicated.
- D. Make consistent texture on surfaces, with seamless transitions, unless otherwise indicated.
- E. Make neat transitions between different surfaces, maintaining texture and appearance.

3.04 ALTERATIONS

- A. Drawings showing existing construction and utilities are based on casual field observation and existing record documents only.
 - 1. Report discrepancies to Architect before disturbing existing installation.
 - 2. Beginning of alterations work constitutes acceptance of existing conditions.
- B. Maintain weatherproof exterior building enclosure except for interruptions required for replacement or modifications; take care to prevent water and humidity damage.
- C. Remove existing work as indicated and as required to accomplish new work.
 - 1. Remove items indicated on drawings.
 - 2. Relocate items indicated on drawings.
 - 3. Where new surface finishes are to be applied to existing work, perform removals, patch, and prepare existing surfaces as required to receive new finish; remove existing finish if necessary for successful application of new finish.
 - 4. Where new surface finishes are not specified or indicated, patch holes and damaged surfaces to match adjacent finished surfaces as closely as possible.
- D. Services (Including but not limited to HVAC, Plumbing, Electrical, and Telecommunications): Remove, relocate, and extend existing systems to accommodate new construction.
 - 1. Maintain existing active systems that are to remain in operation; maintain access to equipment and operational components; if necessary, modify installation to allow access or provide access panel.
 - 2. Where existing systems or equipment are not active and Contract Documents require reactivation, put back into operational condition; repair supply, distribution, and equipment as required.
 - 3. Where existing active systems serve occupied facilities but are to be replaced with new services, maintain existing systems in service until new systems are complete and ready for service.
 - a. Disable existing systems only to make switchovers and connections; minimize duration of outages.
 - b. Provide temporary connections as required to maintain existing systems in service.
 - 4. Verify that abandoned services serve only abandoned facilities.
 - 5. Remove abandoned pipe, ducts, conduits, and equipment, including those above accessible ceilings; remove back to source of supply where possible, otherwise cap stub and tag with identification; patch holes left by removal using materials specified for new construction.
- E. Protect existing work to remain.
 - 1. Perform cutting to accomplish removals neatly and as specified for cutting new work.
 - 2. Repair adjacent construction and finishes damaged during removal work.
- F. Adapt existing work to fit new work: Make as neat and smooth transition as possible.
 - 1. When existing finished surfaces are cut so that a smooth transition with new work is not possible, terminate existing surface along a straight line at a natural line of division and make recommendation to Architect.
 - 2. Where removal of partitions or walls results in adjacent spaces becoming one, rework floors, walls, and ceilings to a smooth plane without breaks, steps, or bulkheads.
 - 3. Where a change of plane of 1/4 inch (6 mm) or more occurs in existing work, submit recommendation for providing a smooth transition for Architect review and request instructions.
- G. Patching: Where the existing surface is not indicated to be refinished, patch to match the surface finish that existed prior to cutting. Where the surface is indicated to be refinished, patch so that the substrate is ready for the new finish.
- H. Refinish existing surfaces as indicated:

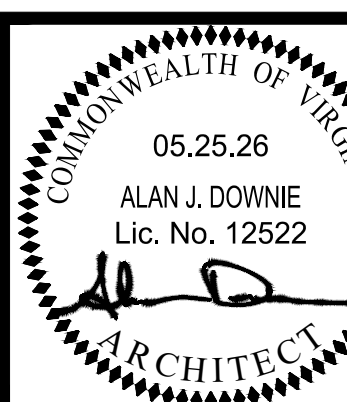


INTERIOR RENOVATIONS FOR
ROANOKE-BLACKSBURG AIRPORT
ADMINISTRATION BUILDING
5240 VALLEYPARK DRIVE, ROANOKE, VA

DRAWN BY: AO

CHECKED BY: AD

SPECIFICATIONS



COMMISSION No.
26008.001

SHEET

SP-1

CPY FILED 11/2024
HUGHES ASSOCIATES ARCHITECTS & ENGINEERS
A PROFESSIONAL CORPORATION

- A. Maintain ambient temperature in spaces where concrete testing is being performed, and for at least 48 hours prior to testing, at not less than 65 degrees F (18 degrees C) or more than 85 degrees F (30 degrees C).

PART 2 PRODUCTS

PART 3 EXECUTION

3.01 CONCRETE SLAB PREPARATION

- A. Perform following operations in the order indicated: 1. Preliminary cleaning. 2. Moisture vapor emission tests; 3 tests in the first 1000 square feet (100 square meters) and one test in each additional 1000 square feet (100 square meters), unless otherwise indicated or required by flooring manufacturer.

3.02 REMOVAL OF EXISTING FLOOR COVERINGS

- A. Comply with local, State, and federal regulations and recommendations of RFCI (RWP), as applicable to floor covering being removed.

3.03 PRELIMINARY CLEANING

- A. Clean floors of dust, solvents, paint, wax, oil, grease, asphalt, residual adhesive, adhesive removers, film-forming curing compounds, sealing compounds, alkaline salts, excessive lantano, mold, mildew, and other materials that might prevent adhesive bond.

3.04 MOISTURE VAPOR EMISSION TESTING

- A. Where the floor covering manufacturer's requirements conflict with either the referenced test method or this specification, comply with the manufacturer's requirements.

3.05 ALKALINITY TESTING

- A. Where the floor covering manufacturer's requirements conflict with either the referenced test method or this specification, comply with the manufacturer's requirements.

3.06 PREPARATION

- A. See individual floor covering section(s) for additional requirements.

3.07 ADHESIVE BOND AND COMPATIBILITY TESTING

- A. Comply with requirements and recommendations of floor covering manufacturer.

SECTION 096500 RESILIENT FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Removal of existing ceramic tile and carpet flooring.

1.02 RELATED REQUIREMENTS

- A. Section 016116 - Volatile Organic Compound (VOC) Content Restrictions.

1.03 REFERENCE STANDARDS

- A. ASTM D6329 - Standard Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers; 1998 (Reapproved 2023).

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements for submittal procedures.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing specified flooring with minimum three years documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Upon receipt, immediately remove any shrink-wrap and check materials for damage and the correct style, color, quantity and run numbers.

1.07 FIELD CONDITIONS

- A. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F (21 degrees C) to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F (13 degrees C).

PART 2 PRODUCTS

2.01 TILE FLOORING

- A. Luxury Vinyl Tile - Type LVP-1: Heavy commercial luxury vinyl tile with fiberglass.

- 1. Manufacturers: a. Shaw Contract, www.shawcontract.com. b. Substitutions: See Section 016000 - Product Requirements.

2.02 STAIR COVERING

- A. Stair Treads: Rubber; full width and depth of stair tread, integrated in one piece; intended to increase safety conditions and visibility in stairwells.

2.03 RESILIENT BASE

- A. Resilient Base - Type RB-1: ASTM F1861, Type TP, rubber, thermoplastic; style as scheduled.

2.04 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by adhesive material manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that surfaces are flat to tolerances acceptable to flooring manufacturer, free of cracks that might telegraph through flooring, clean, dry, and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding of flooring to substrate.

3.02 PREPARATION

- A. Remove existing flooring and flooring adhesives in the specified areas; follow the recommendations of RFCI (RWP).

3.03 INSTALLATION - GENERAL

- A. Starting installation constitutes acceptance of subfloor conditions.

3.04 INSTALLATION - TILE FLOORING

- A. Mix tile from container to ensure shade variations are consistent when tile is placed, unless otherwise indicated in manufacturer's installation instructions.

3.05 INSTALLATION - RESILIENT BASE

- A. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches (45 mm) between joints.

3.06 INSTALLATION - STAIR COVERINGS

- A. Install stair coverings in one piece for full width and depth of tread.

3.07 CLEANING

- A. Remove excess adhesive from floor, base, and wall surfaces without damage.

3.08 PROTECTION

- A. Prohibit traffic on resilient flooring for 48 hours after installation.

SECTION 096813 TILE CARPETING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Carpet tile, fully adhered.

1.02 RELATED REQUIREMENTS

- A. Section 016116 - Volatile Organic Compound (VOC) Content Restrictions.

1.03 REFERENCE STANDARDS

- A. ASTM D2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials; 2016 (Reapproved 2021).

- E. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source; 2023.

1.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing specified carpet tile with minimum three years documented experience.

1.06 FIELD CONDITIONS

- A. Store materials in area of installation for minimum period of 24 hours prior to installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Tile Carpeting: 1. Shaw Contract; www.shawcontract.com.

2.02 MATERIALS

- A. Tile Carpeting, Type CPT-1, CPT-2, CPT-3; as specified on drawings.: each manufactured in one color dye lot.

2.03 ACCESSORIES

- A. Subfloor Filler: White premix latex; type recommended by flooring material manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that subfloor surfaces are smooth and flat within tolerances specified for that type of work and are ready to receive carpet tile.

3.02 PREPARATION

- A. Remove existing carpet tile and existing ceramic tile as indicated.

3.03 INSTALLATION

- A. Starting installation constitutes acceptance of subfloor conditions.

3.04 CLEANING

- A. Remove excess adhesive without damage, from floor, base, and wall surfaces.

SECTION 099123 INTERIOR PAINTING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Surface preparation.

1.02 RELATED REQUIREMENTS

- A. Section 016116 - Volatile Organic Compound (VOC) Content Restrictions.

1.03 DEFINITIONS

- A. Comply with ASTM D16 for interpretation of terms used in this section.

1.04 REFERENCE STANDARDS

- A. ASTM D16 - Standard Terminology for Paint, Related Coatings, Materials, and Applications; 2024.

1.05 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.

1.06 QUALITY ASSURANCE

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

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.

- B. Container Label: Include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing.
- C. Paint Materials: Store at minimum ambient temperature of 45 degrees F (7 degrees C) and a maximum of 90 degrees F (32 degrees C), in ventilated area, and as required by manufacturer's instructions.
- 1.08 FIELD CONDITIONS**
- A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.
- B. Follow manufacturer's recommended procedures for producing best results, including testing of substrates, moisture in substrates, and humidity and temperature limitations.
- C. Do not apply materials when relative humidity exceeds 85 percent, at temperatures less than 5 degrees F (3 degrees C) above the dew point, or to damp or wet surfaces.
- D. Minimum Application Temperatures for Paints: 50 degrees F (10 degrees C) for interiors unless required otherwise by manufacturer's instructions.
- E. Provide lighting level of 80 fc (860 lux) measured mid-height at substrate surface.

PART 2 PRODUCTS**2.01 MANUFACTURERS**

- A. Provide paints and finishes used in any individual system from the same manufacturer; no exceptions.
- B. Paints:
- Sherwin-Williams Company: www.sherwin-williams.com/#sle.
- C. Primer Sealers: Same manufacturer as top coats.
- D. Substitutions: See Section 016000 - Product Requirements.

2.02 PAINTS AND FINISHES - GENERAL

- A. Paints and Finishes: Ready-mixed, unless intended to be a field-catalyzed paint.
- Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
 - Provide materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
 - Supply each paint material in quantity required to complete entire project's work from a single production run.
 - Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is specifically described in manufacturer's product instructions.
- B. Volatile Organic Compound (VOC) Content: See Section 016116.
- C. Flammability: Comply with applicable code for surface burning characteristics.
- D. Sheens: Provide the sheens specified; where sheen is not specified, sheen will be selected later by Architect from the manufacturer's full line.
- E. Colors: PNT-1, PNT-2, PVT-3, PNT-4, and PNT-5, as indicated on drawings.
- Extend colors to surface edges; colors may change at any edge as directed by Architect.
 - In finished areas, finish pipes, ducts, conduit, and equipment the same color as the wall/ceiling under which they are mounted.

2.03 PAINT SYSTEMS - INTERIOR

- A. Paint I-OP - Interior Surfaces to be Painted, Unless Otherwise Indicated: Including gypsum board and wood.
- Two top coats and one coat primer.
 - Top Coat(s): Institutional Low Odor/VOC Interior Latex; MPI #143, 144, 145, 146, 147, or 148.
 - Products:
 - Sherwin-Williams ProMar 200 HP Series, Eg-Shel. (MPI #145)
- B. Paint I-OP-MD-DT - Medium Duty Door/Trim: For surfaces subject to frequent contact by occupants, including metals and wood:
- Medium duty applications include painted door frames.
 - Two top coats and one coat primer.
 - Top Coat(s): High Performance Architectural Interior Latex; 141.
 - Products:
 - Sherwin-Williams Pro Industrial Pre-Catalyzed Waterbased Epoxy, Semi-Gloss. (MPI #141)
 - Substitutions: See Section 016000 - Product Requirements

2.04 PRIMERS

- A. Primers: Provide the following unless other primer is required or recommended by manufacturer of top coats.
- Alkali Resistant Water Based Primer; MPI #3 or 3 X-Green.
 - Products:
 - Sherwin-Williams Loxon Water Blocking Primer/Finish.

2.05 ACCESSORY MATERIALS

- A. Accessory Materials: Provide primers, sealers, cleaning agents, cleaning cloths, sanding materials, and clean-up materials as required for final completion of painted surfaces.
- B. Patching Material: Latex filler.
- C. Fastener Head Cover Material: Latex filler.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Do not begin application of paints and finishes until substrates have been adequately prepared.
- B. Verify that surfaces are ready to receive work as instructed by the product manufacturer.
- C. Examine surfaces scheduled to be finished prior to commencement of work. Report any condition that may potentially affect proper application.
- D. Test shop-applied primer for compatibility with subsequent cover materials.
- E. Measure moisture content of surfaces using an electronic moisture meter. Do not apply finishes unless moisture content of surfaces is below the following maximums:
- Gypsum Wallboard: 12 percent.
 - Interior Wood: 15 percent, measured in accordance with ASTM D4442.

3.02 PREPARATION

- A. Clean surfaces thoroughly and correct defects prior to application.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Remove surface appurtenances, including electrical plates, hardware, light fixture trim, escutcheons, and fittings, prior to preparing surfaces or finishing.
- D. Seal surfaces that might cause bleed through or staining of topcoat.
- E. Gypsum Board: Fill minor defects with filler compound. Make smooth, flat and even. Spot prime defects after repair.

3.03 APPLICATION

- A. Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".
- B. Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.
- C. Apply each coat to uniform appearance in thicknesses specified by manufacturer.
- D. Dark Colors and Deep Clear Colors: Regardless of number of coats specified, apply as many coats as necessary for complete hide.
- E. Sand wood and metal surfaces lightly between coats to achieve required finish.
- F. Vacuum clean surfaces of loose particles. Use tack cloth to remove dust and particles just prior to applying next coat.
- G. Reinstall electrical cover plates, hardware, light fixture trim, escutcheons, and fittings removed prior to finishing.

3.04 FIELD QUALITY CONTROL

- A. See Section 014000 - Quality Requirements, for general requirements for field inspection.

3.05 CLEANING

- A. Collect waste material that could constitute a fire hazard, place in closed metal containers, and remove daily from site.

3.06 PROTECTION

- A. Protect painted finishes until completion of project.
- B. Protect adjacent finishes until completion of project.
- C. Touch-up damaged finishes after Substantial Completion.

PART 1 GENERAL**1.01 REFERENCE STANDARDS**

- A. 16 CFR 1201 - Safety Standard for Architectural Glazing Materials; Current Edition.

- B. AAMA 502 - Voluntary Specification for Field Testing of Newly Installed Fenestration Products; 2021.
- C. AAMA 611 - Specification for Anodized Architectural Aluminum; 2026.
- D. AAMA 1304 - Voluntary Specification for Determining Forced Entry Resistance of Side-Hinged Door Systems; 2018.
- E. AAMA 2604 - Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels (with Coil Coating Appendix); 2022.
- F. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test; 2015 (Reaffirmed 2020).
- G. ASTM C1036 - Standard Specification for Flat Glass; 2025.
- H. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2025.
- I. ISO 9001 - Quality Management Systems — Requirements; 2015, with Amendment (2024).
- J. ISO 14001 - Environmental Management Systems — Requirements with Guidance for Use; 2015, with Amendment (2024).

1.02 SUMMARY

Section includes furnishing and installing a sliding-folding, acoustically rated, aluminum-framed glass panel system that includes:

- Aluminum framed panels.
 - Threshold.
 - Sliding-folding and latching hardware.
 - Sound gasketing.
 - Panel Catch.
 - Glass and glazing.
 - Accessories as required for a complete working installation.
- K. Related Documents and Sections: Contractor to examine Contract Documents for requirements that directly affect or are affected by Work of this Section. A list of these Documents and Sections include, but is not limited to, the following:
- Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 General Requirements, Specification Sections, apply to this Section.
 - Section 06 10 00, Rough Carpentry: Wood framing R.O. and blocking.
 - Section 06 20 00, Finish Carpentry.
 - Section 07 90 00, Joint Protection.

2.02 1.03 REFERENCES

- A. Reference Standards in accordance with Division 01 and current editions from the following:
- AAMA American Architectural Manufacturers Association; www.aamanet.org
 - AAMA 205-15, In-Plant Testing Guidelines for Manufacturers and Independent Laboratories.
 - AAMA 502, Voluntary Specification for Field Testing of Newly Installed Fenestration Products.
 - AAMA 611, Voluntary Specification for Anodized Architectural Aluminum.
 - AAMA 920-11, Specification for Operating Cycle Performance of Side-Hinged Door System.
 - AAMA 1304, Voluntary Specification of Forced Entry Resistance of Side-Hinged Door Systems.
 - AAMA 2604, Voluntary Specifications, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels.
 - AAMA/WDMA/CSA 101/1.S.2/A440-17, NAFS, North American Fenestration Standard Specification for Windows, Doors and Skylights.
 - ANSI American National Standards Institute; www.ansi.org
 - ANSI Z97.1, Safety Performance Specifications and Methods of Test for Safety Glazing Material Used in Buildings.

2.03 1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordination: Coordinate Folding Glass Partition system and framing R.O.
- B. Pre-installation Meeting

1.05 SUBMITTALS

- Product Data: Submit manufacturer's printed product literature for each Folding Glass Partition system to be incorporated into the Work. Show performance test results and details of construction relative to materials, dimensions of individual components, profiles, and colors.
- C. Product Drawings: Indicate Folding Glass Partition system component sizes, dimensions and framing R.O., configuration, swing panels, direction of swing, stacking layout, typical head jamb, side jambs and sill details, type of glazing material, handle height and field measurements.
- D. Certificates: Submit CE Mark certificate.
- E. Manufacturers' Instructions: Submit Owner's Manual from manufacturer which includes installation instructions, operation, and maintenance data: Identify with project name, location and completion date, and type and size of unit installed.

1.06 QUALITY ASSURANCE

- F. Manufacturer Qualifications: Manufacturer capable of providing complete, precision built, engineered, pre-fitted units with a minimum thirty (30) years' experience in the sale of folding-sliding door systems for large openings in the North American market.
- Manufacturer to have DIN EN ISO 9001: 2015 quality management system registration.
 - Manufacturer to have DIN EN ISO 14001: 2015 environmental management system registration.
- G. Installer Qualifications: Installer experienced in the installation of manufacturer's products or other similar products for large openings. Installer to provide reference list of at least three (3) projects of similar scale and complexity successfully completed in the last three (3) years.
- Installer to be trained and certified by manufacturer.
- H. Single Source Responsibility: Furnish Folding Glass Partition system materials from one manufacturer for entire Project.

1.07 DELIVERY, STORAGE, AND HANDLING

- I. Comply with manufacturer's instructions and recommendations, Section 01 60 00 requirements, and as follows:
- Deliver materials to job site in sealed, unopened cartons or crates.
 - Upon receipt, inspect the shipment to ensure it is complete, in good condition and meets project requirements.
 - Store material under cover in a clean and dry location, protecting units against weather and defacement or damage from construction activities, especially to the edges of panels.

1.08 FIELD CONDITIONS

- J. Field Measurements: Contractor to field verify dimensions of rough openings (R.O.) and threshold depressions to receive sill. Mark field measurements on product drawings submittal.

1.09 WARRANTY

- K. Manufacturer Warranty: Provide Folding Glass Partition system manufacturer's standard limited warranty as per manufacturer's published warranty document in force at time of purchase, subject to change, against defects in materials and workmanship.
- Warranty Period beginning with the earliest of 120 days from Date of Delivery or Date of Substantial Completion:
 - Rollers and Glass Seal Failure: Ten (10) years
 - All Other Components: Ten (10) years
 - Exception: Five (5) years if NOT installed by manufacturer's specific system approved or certified trained installer.

PART 2 PRODUCTS**2.01 MANUFACTURERS**

- Basis-of-Design Product by Manufacturer: NanaWall NW Acoustical 645 (previously SL64 Acoustical) by NANA WALL SYSTEMS, INC. (www.nanawall.com)
- NANA WALL SYSTEMS, INC.
 - 100 Meadow Creek Drive, Corte Madera, CA 94925
 - Toll Free (800) 873-5673
 - Telephone: (415) 383-3148
 - Fax: (415) 383-0312
 - Email: info@nanawall.com

B. Performance Criteria:

- Acoustic Performance STC (Rw)
 - System STC (Rw) 38 (38) with 1/2-inch (0.47 inch (12 mm)) STC 39 enhanced laminated glass
 - Swing Panel - Operation / Cycling Performance (AAMA 920): 500,000 cycles
 - System - Life Cycle Performance (DIN EN 1191/12400): 20,000 cycles
- C. Design Criteria:
- Sizes and Configurations: As indicated by the Drawings for selected number and size of panels, location of swing and folding panels, and number of panels stacking to the left and to the right.
 - Unit Operation: Adjustable sliding and folding hardware with top and bottom tracks
 - Mounting Type: Floor track supported with upper guide track
 - Panel Configuration: Straight
 - Stack Storage Configuration:
 - Outswing type and stack storage outside jamb
 - Sill Type:
 - Flush sill - ADA compliant with high heel protector insert
 - Panel Type: Hinged
 - With Entry/Egress panel hinged to side jamb.
 - Panel Paining Configuration: See drawings
 - Bi-folding panels unhinged FourFold or SixFold panel sets

2.02 MATERIALS

- D. Nominal frame stile width of 3-7/8 inch (98 mm) between folding panels, floor track supported system. Manufacturer's standard frame and panel profiles, with head track, side jambs, sill and panels with dimensions as shown on Drawings.

- Panels and Frame:
 - Panels:
 - Single lite.
 - Panel Size (W x H): As indicated.
 - Rail Depth: 2-5/8 inch (67 mm)
 - Top Rail and Stile Width: 2-7/8 inch (73 mm)
 - Bottom Rail Width:
 - 2-5/8 inch (67 mm)
 - Manufacturer's standard kick-plate of 10 inches (254 mm)
 - Frame:
 - Top track and side jambs: with multipurpose frame insert to hide anchoring connections. For long-term tight, consistent sealing, provide a lateral patented (Patent Number: US10683688B2) adjustment feature at the side jambs capable of adjustment of +/- 3/16" (0.2 inch (5 mm)). Frame finish to match panel finish.
 - Frame Depth: 2-15/16 inch (75 mm)
 - Head Track Width:
 - 2-13/16 inch (71 mm) standard
 - Side Jamb Width: 2 inches (50.8 mm)
 - Sill Type:
 - Black anodized finish.
 - Aluminum Extrusion: A1MgSi0.5 alloy, 6063-T5 (F-22 -- European standard)
 - Thickness: 0.078 inch (1.98 mm) nominal
 - Acoustic Break: 1-1/4 inch (32 mm) wide specially designed and patented (Patent Number: US10550625B2) glass fiber reinforced (GFR) polyamide "Bionic Turtle®" for panels.
 - Aluminum Finish:
 - Inside and Outside:
 - Same (one-color)
 - Anodized (AAMA 611):
 - Dark Bronze
- E. Glass and Glazing:
- Safety Glazing: In compliance with ASTM C1036, ASTM C1048, ANSI Z97.1 and CPSC 16 CFR 1201.
 - Manufacturer's tempered glass lites in single insulated glazing units, dry glazed with
 - Glass Spacers: Manufacturer's standard black finish.
 - Single Glass:
 - 1/2-inch 0.47 inch (12 mm) STC 39 enhanced laminated glass to achieve unit STC of 38
 - Standard reduced iron

F. Latching Hardware and Handles:

- Main Entry Panel for Models WITH a Swing Panel: No hardware or locking provided by manufacturer; Field installed panic device by Section 08 71 00.
 - Provide Von Duprin 33/35 panic hardware and Dorma TS93 closer with backplate on the inside, and a latchset, on primary panel only.
 - Horizontal mullion on the swing door(s) at same height as panic bar to reinforce the panel at that location.
- Pairs of Folding Panels: Provide manufacturer's Flat handles and concealed two-point locking hardware operated by 180° turn of handle between each pair. Face applied Surface Mounted Minimal bolt locking NOT acceptable.
 - Flat Handle - Finish:
 - Black titanium stainless steel
 - Handle Height: 41-3/8 inch (1051 mm) centered from bottom of panel or as otherwise indicated.
 - Panel Catch: panel catch to hold swing panel to adjacent folding panel to prevent incorrect operation when moving the panel.
- Sliding-Folding Hardware: Provide manufacturer's standard combination sliding and folding hardware with top and bottom tracks and threshold. All running carriages to be with sealed, self-lubricating, double ball bearing multi-rollers. Surface mounted hinges and running carriages NOT acceptable.
 - Lower Running Carriage Carrying Capacity: 250 lb. (120 kg). Lower running carriage provided with two vertical stainless-steel wheels with double row of ball bearings and two horizontal polyamide wheels.
 - Vertical wheels with Gothic arch feature to ride on top of stainless-steel guide track covers over the full length of the sill track. Wheels riding on aluminum surfaces NOT acceptable.
 - Upper guide carriage with two horizontal polyamide guiding wheels. For configurations with pairs of panels that can slide left or right, additional concealed, additional vertical lift protection hardware.
 - Rollers: Black double ball bearing stainless-steel wheels.
 - Hinges: Black [anodized aluminum with stainless steel security hinge pins and set-screws. Concealed alignment with a tight seal through the patented (Patent Number: US10711510B2) TwinX mechanism reinforced between panels.
 - Spring-Loaded Pull Handle: For outwing units with larger panel sizes, a spring loaded-pull handle is supplied for ease of closing the system. The pull handle is located above the flat handle. When not in use, the handle lays flat against the adjacent panel and is supplied with bumpers to avoid metal to metal contact.
 - Pull Handle -- Finish:
 - Black titanium stainless steel
- Sound Gasketing: Manufacturer's double layer EPDM between panels and EPDM gasket, Q-Ion gasket, or brush seal with a two-layer fiberglass reinforced polyamide fin attached at both inner and outer edge of bottom of door panels with a recessed sill or on frame for sealing between panels and between panel and frame.

- I. Fasteners: Installation plates for connecting frame components made of stainless steel with sealing cushion to avoid thermal connectivity.

2.03 FABRICATION

- J. Folding Glass Wall: Extruded aluminum frame and panel profiles, corner connectors and hinges, sliding and folding hardware, locking hardware and handles, glass and glazing and sound gasketing.
- Each unit factory pre-assembled and shipped with complete system components and installation instructions.
 - Exposed work to be carefully matched to produce continuity of line and design with all joints.
 - No raw edges visible at joints.

2.04 ACCESSORIES

- K. Provide sidelights, transoms, corner posts, or single or double doors as indicated.

PART 3 EXECUTION**3.01 EXAMINATION**

- A. Examination and Acceptance of Conditions per Section 01 70 00 and as follows:
- Carefully examine rough openings with Installer present, for compliance with requirements affecting Work performance.
 - Examine surfaces of openings and verify dimensions; verify rough openings are level, plumb, and square with no unevenness, bowing, or bumps on the floor; and other conditions as required by the manufacturer for readiness to receive Work.
 - Verify structural integrity of the header for deflection with live and dead loads limited to the lesser of L/720 of the span or 1/4 inch (6.35 mm). Provide structural support for lateral loads, and both wind load and eccentric load when the panels are stacked open.
 - Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION

- General: Install Folding Glass Partition system in accordance with the Drawings, approved submittals, manufacturer's recommendations, and installation instructions, and as follows:
- Properly seal around opening perimeter to reduce sound infiltration from surroundings.
- Securely attach anchorage devices to rigidly fit frame in place, level, straight, plumb, and square. Install frame in proper elevation, plane, and location, and in proper alignment with other work.
- Install panels, handles, lockset, gasketing and other accessories in accordance with manufacturer's recommendations and instructions.

3.03 FIELD QUALITY CONTROL

- Field Tests and Inspections per Section 01 40 00 of the following:
- Verify the Folding Glass Partition system operates and functions properly. Adjust hardware for proper operation.

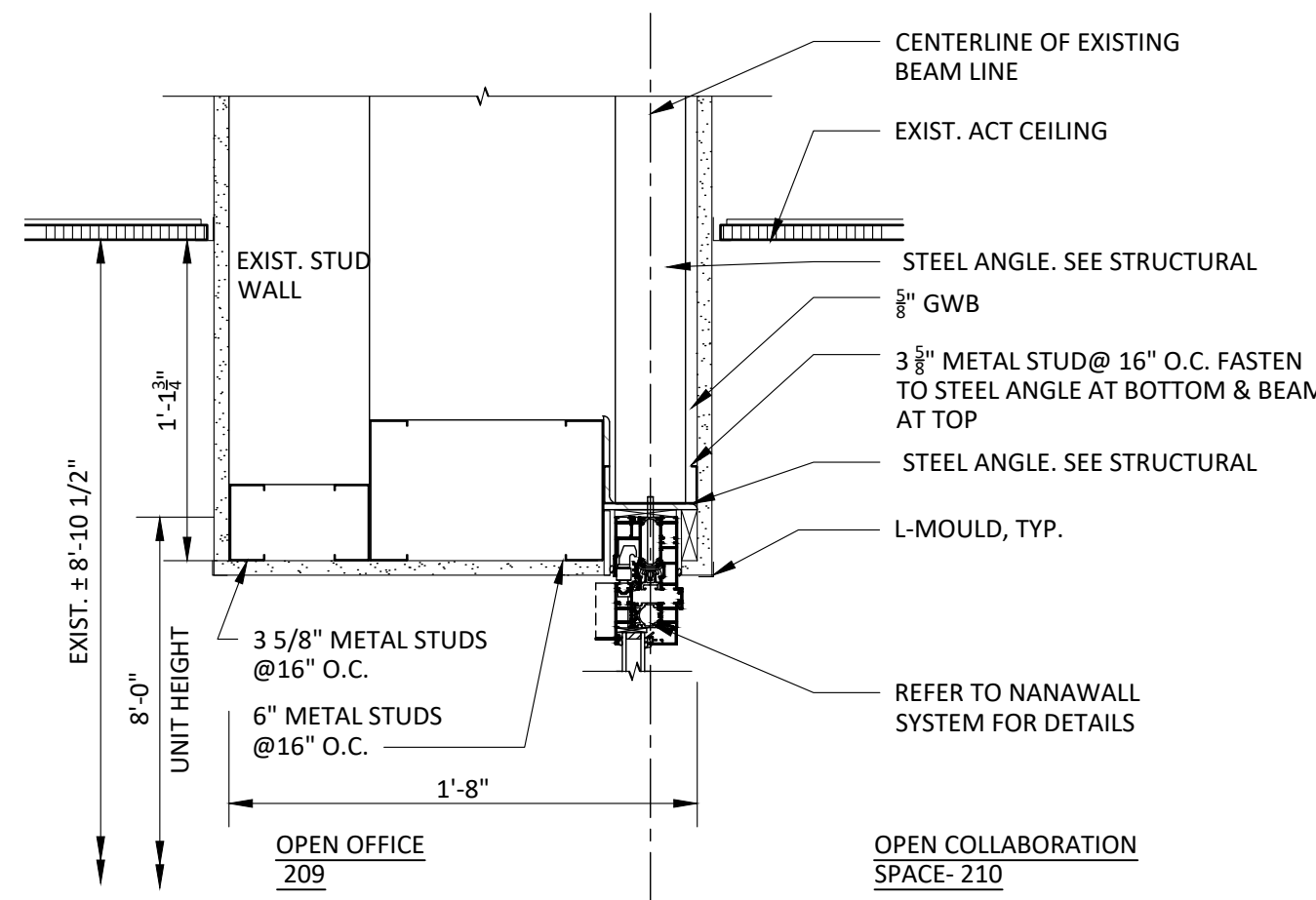
Non-Conforming Work: Repair or replace non-conforming work as directed by the Architect; see General and Supplementary Conditions, and Division 01, General Requirements.

3.04 CLEANING AND PROTECTION

- Keep units closed and protect Folding Glass Partition installation against damage from construction activities.
- Remove protective coatings and use manufacturer recommended methods to clean exposed surfaces.

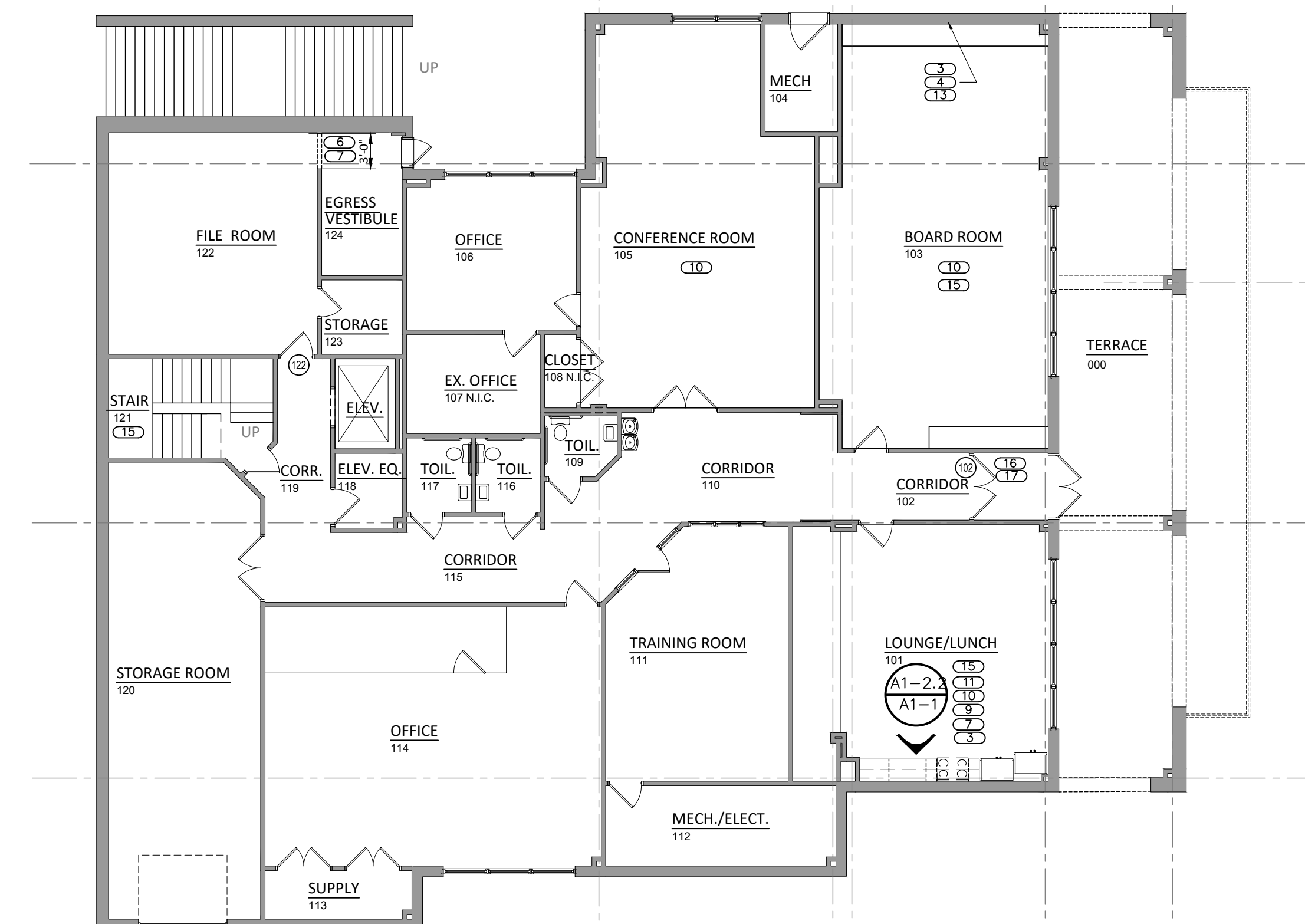
GENERAL NOTES

- CONTRACTOR SHALL VERIFY DIMENSIONS AND EXISTING CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCING WORK.
- VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION OF EQUIPMENT, CABINETWORK OR OWNER PROVIDED/ INSTALLED ITEMS.
- COORDINATE WITH OWNER SUPPLIED EQUIPMENT AND ITEMS PROVIDED/ SUPPLIED BY THE OWNER. COORDINATE WITH ITEMS TO BE PROVIDED OR INSTALLED UNDER SEPARATE CONTRACT BY THE OWNERS VENDOR. PROVIDE HOOK-UP OF SUCH EQUIPMENT AND ITEMS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING, HANDLING, AND PROTECTING ALL EXISTING FURNITURE, FIXTURES, AND EQUIPMENT SCHEDULED TO REMAIN, AS REQUIRED TO COMPLETE THE NEW WORK. REPOSITION ALL ITEMS TO THEIR ORIGINAL LOCATIONS UPON COMPLETION OF WORK.
- IF A CONFLICT BETWEEN CONSTRUCTION DOCUMENTS, CODE REQUIREMENTS, AND/OR MANUFACTURER'S DATA SHOULD ARISE, THE MORE STRINGENT SHALL PREVAIL.
- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND ACCESSORIES FOR WORK INDICATED HEREIN, UNLESS NOTED OTHERWISE. COMPLETE AND IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, MANUFACTURER'S RECOMMENDATIONS, GENERALLY ACCEPTED INDUSTRY STANDARDS OF WORKMANSHIP AND CARE, AND AS REQUIRED FOR A FINISHED INSTALLATION AND TO OBTAIN A CERTIFICATE OF OCCUPANCY.
- CONTRACTOR TO INSTALL ALL MATERIALS AND EQUIPMENTS PER MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL PROVIDE ADEQUATE BRACING OF STRUCTURAL MEMBERS, EXISTING AND TEMPORARY STRUCTURES AS REQUIRED FOR THE DURATION OF THE WORK. IF CONDITIONS IN FIELD DIFFER FROM THOSE SHOWN, NOTIFY ARCHITECT/ ENGINEER IMMEDIATELY.
- MAINTAIN INTEGRITY OF THE EXISTING FIRE RATED ASSEMBLIES. SEAL ALL NEW PENETRATIONS IN WALL ASSEMBLIES WITHIN THE WORK AREA WITH FIRE CAULK.
- EXISTING ELECTRICAL & LIFE SAFETY SYSTEM DEVICES AFFECTED BY ALTERATIONS SHALL BE RELOCATED, EXTENDED AND ADJUSTED AS NECESSARY.
- ALL WORK THAT REQUIRES DISABLING OF FIRE AND OTHER EMERGENCY SYSTEMS SHALL BE COORDINATED WITH THE OWNER AND AUTHORITIES HAVING JURISDICTION PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL PATCH AND REPAIR ANY SURFACES OR MATERIALS DAMAGED DURING CONSTRUCTION TO "LIKE NEW" APPEARANCE, MATCHING SIMILAR ADJACENT SURFACES OR MATERIALS PER THE FINISHES SCHEDULE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP AND REMOVAL OF DEBRIS FROM SITE.
- CONTRACTOR TO SUBMIT TO THE ARCHITECT FOR REVIEW AND APPROVAL A SINGLE DIGITAL FILE WITH ALL RELEVANT WARRANTIES, OPERATION MANUALS, AND MAINTENANCE INFORMATION.
- VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION OF EQUIPMENT, CASEWORK OR OWNER PROVIDED/ INSTALLED ITEMS.



BULKHEAD DETAIL

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

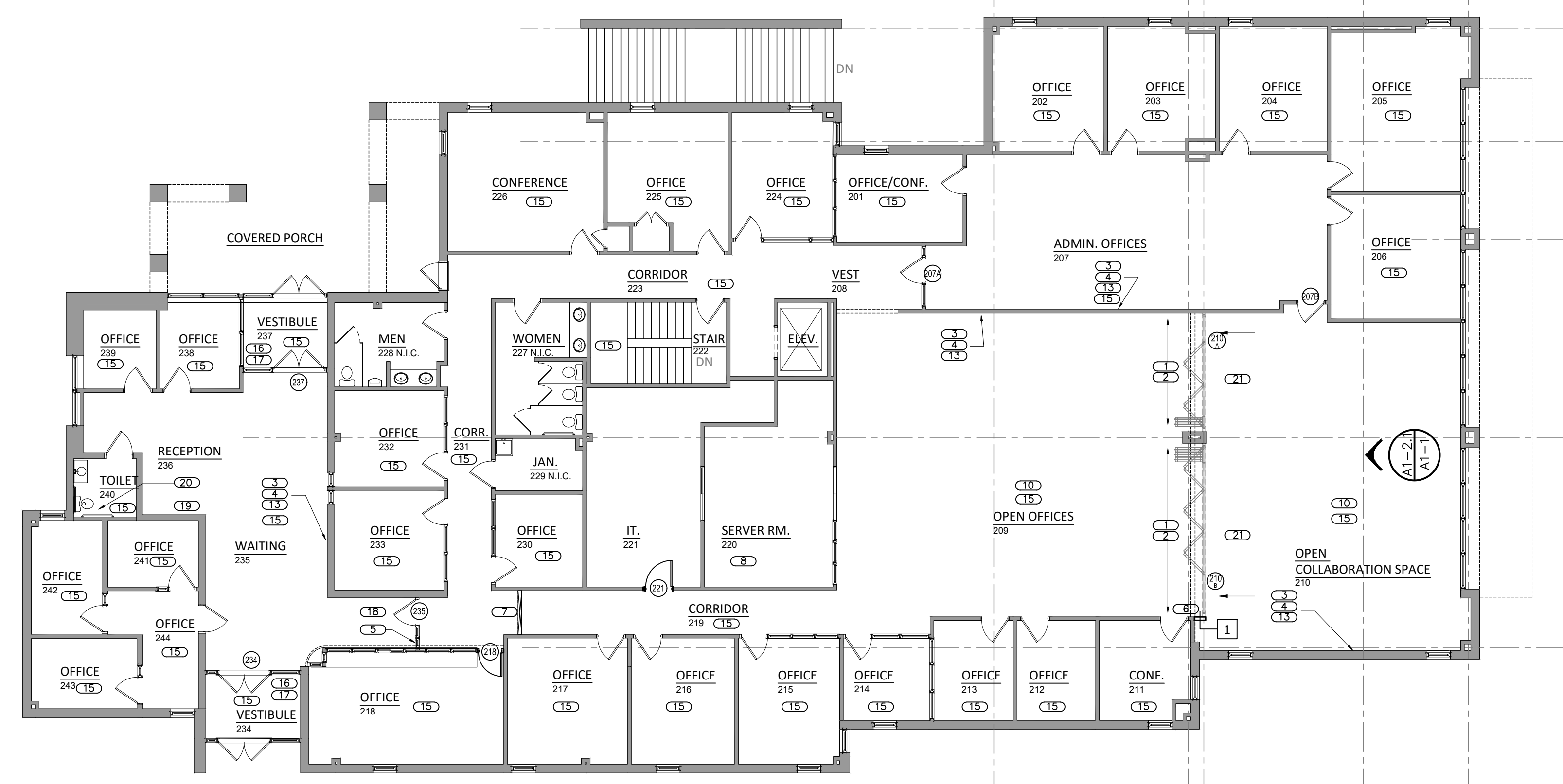


NEW WORK GROUND FLOOR PLAN

SCALE: 3/32" = 1'-0"

NEW WORK NOTES

- | # | DESCRIPTION |
|----|---|
| 1 | FIELD VERIFY AND COORDINATE EXISTING CONCRETE SLAB ELEVATIONS AT THE NEW MOVEABLE WALL LOCATION. REMOVE, OR SUPPLEMENT THE EXISTING CEMENTITIOUS LEVELING LAYER TO PROVIDE A LEVELED FLOOR SURFACE AT LANDINGS (44" MIN.) ON BOTH SIDES OF THE ASSEMBLY PER VCC SECTION 1010.1.4, AND ENSURING THE NEW ASSEMBLY OPERATES PROPERLY. |
| 2 | PATCH SAWCUT AREA IN FLOOR FLUSH WITH EXISTING |
| 3 | PROVIDE ADEQUATE BLOCKING AND SUPPORT WHERE WALL-HUNG FIXTURES OR ACCESSORIES OCCUR AND ARE LOCATED PER MANUFACTURER'S RECOMMENDATIONS |
| 4 | PROVIDE AND INSTALL SCREEN MOUNTING HARDWARE AND ADEQUATE IN-WALL BLOCKING TO SUPPORT O.F.C.I. SCREENS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS |
| 5 | REPLACE WOOD PANEL IN THE STOREFRONT ASSEMBLY WITH IN-KIND GLAZING |
| 6 | ALIGN NEW WALL FINISH FLUSH AND SMOOTH WITH EXISTING OR ADJACENT WALL SURFACE, TYPICAL. |
| 7 | PATCH WALL SMOOTH AND FLUSH, MATCH EXISTING TEXTURE AND COLOR. SEE INTERIOR SHEETS |
| 8 | REPLACE DAMAGED ACCESS FLOOR TILES WITH IN-KIND. SEE INTERIOR SHEETS |
| 9 | PROVIDE AND INSTALL DENLAR D1036-F SERIES KITCHEN HOOD OR APPROVED EQUAL. SYSTEM SHALL BE EQUIPPED WITH AN INTEGRAL ANSUL SYSTEM AND TANK, MANUAL PULL STATION, CLOCK BOX, AND CFM-LIMITING SPEED CONTROL. PRIOR TO INSTALLATION, VERIFY THE NEMA ELECTRICAL DISCONNECT SIZING OF THE NEW RANGE. IT MUST BE RATED TO MATCH THE RANGE HOOD DISCONNECT. INSTALL IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. |
| 10 | PROVIDE SUPPLEMENTAL BIPOLAR IONIZATION.
-INTEGRATE THE SYSTEM WITHIN THE EXISTING AC-1, AC-2, AND AC-3 SPLIT SYSTEM UNITS. PROVIDE THE GLOBAL PLASMA SOLUTIONS (GPS) AIR TECHNOLOGY (GPS-FC-48) OR APPROVED EQUAL.
FINAL VOLTAGE AND ELECTRICAL COORDINATION CAN BE COMPLETED IN THE FIELD, EITHER BY UTILIZING POWER FROM THE EXISTING UNIT OR BY PROVIDING A NEW DEDICATED CIRCUIT, AS REQUIRED.
-PROVIDE GPS-FC-48 BIPOLAR IONIZATION SYSTEM OR EQUAL FOR THE EXISTING ROOF TOP UNIT. THE UNIT CONTROLLER AND POWER SUPPLY SHALL BE MOUNTED WITHIN THE UNIT ENCLOSURE TO PROTECT COMPONENTS FROM ENVIRONMENTAL EXPOSURE. |
| 11 | NEW 36" ELECTRIC RANGE. OWNER-FURNISHED, CONTRACTOR-INSTALLED (O.F.C.I.) |
| 12 | REPLACE EXISTING TV WITH NEW O.F.C.I. SCREEN DISPLAY. PROVIDE IN-WALL BLOCKING, DEDICATED ELECTRICAL OUTLET, AND LOW-DATA FEEDS AS REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH THE OWNER. EXISTING TV SHALL BE CAREFULLY REMOVED, STORED AND TURNED TO THE OWNER. |
| 13 | PROVIDE AND INSTALL POWER AND DATA OUTLETS FOR OWNER-PROVIDED SCREEN (S). POWER AND DATA OUTLETS SHALL BE LOCATED BEHIND SCREENS AND COORDINATED WITH CONTRACTOR-PROVIDED MOUNTING HARDWARE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. |
| 14 | ELECTRICAL AND DATA FOR MONITOR CAMERAS. COORDINATE HEIGHTS WITH NEW TV |
| 15 | INSTALL INTERIOR FINISHES AS SPECIFIED AND IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. SEE INTERIOR SHEETS |
| 16 | RETAIN, PROTECT AND RUN ALL REQUIRED IN-WALL LOW VOLTAGE WIRING AND CONDUIT TO ENSURE NEW ACCESS CONTROL HARDWARE INSTALLATION. COORDINATE WITH THE OWNER'S VENDOR TO VERIFY COMPATIBILITY. |
| 17 | EXISTING WIRING TO REMAIN. FIELD VERIFY CONDITIONS AND COORDINATE INSTALLATION OF NEW OWNER-VENDOR PROVIDED CARD READER HARDWARE |
| 18 | PROVIDE POWER SUPPLY FOR NEW ACCESS CONTROL PANEL |
| 19 | PROVIDE WIRING AND CONCEALED PATHWAYS FROM THE ACCESS CONTROL PANEL IN VESTIBULE 234 TO THE FRONT RECEPTION DESK. THE DESK-MOUNTED PUSH BUTTON FOR REMOTE DOOR RELEASE AND AUDIBLE ALERT CHIME WILL BE O.F.C.I. COORDINATE WIRE PATHWAYS AND GROMMET LOCATION WITH RECEPTION DESK LOCATION. ALL WORK SHALL MAINTAIN INTEGRATION WITH THE EXISTING FIRE ALARM EMERGENCY EGRESS FAIL-SAFE IN COMPLIANCE WITH VCC 1010.2.11 |
| 20 | REACTIVATE AND REINSTALL THE EXISTING AND STORED WATER CLOSET. SUBJECT TO VERIFICATION OF COMPATIBILITY WITH THE EXISTING CONDITIONS. VERIFY THAT THE FIXTURE TYPE REMAINS CONSISTENT WITH THE ORIGINAL INSTALLATION. VERIFY THAT THE MAXIMUM FLUSH VOLUME DOES NOT EXCEED 1.28 GPF. |
| 21 | FIELD VERIFY ALL EXISTING LIGHT FIXTURES, CEILING SENSORS, AND DIFFUSERS RELATIVE TO THE NEW MOVEABLE WALL TRACK ASSEMBLY. REPOSITION ANY EXISTING FIXTURES THAT INTERFERES WITH THE NEW ASSEMBLY |



NEW WORK MAIN FLOOR PLAN

SCALE: 3/32" = 1'-0"



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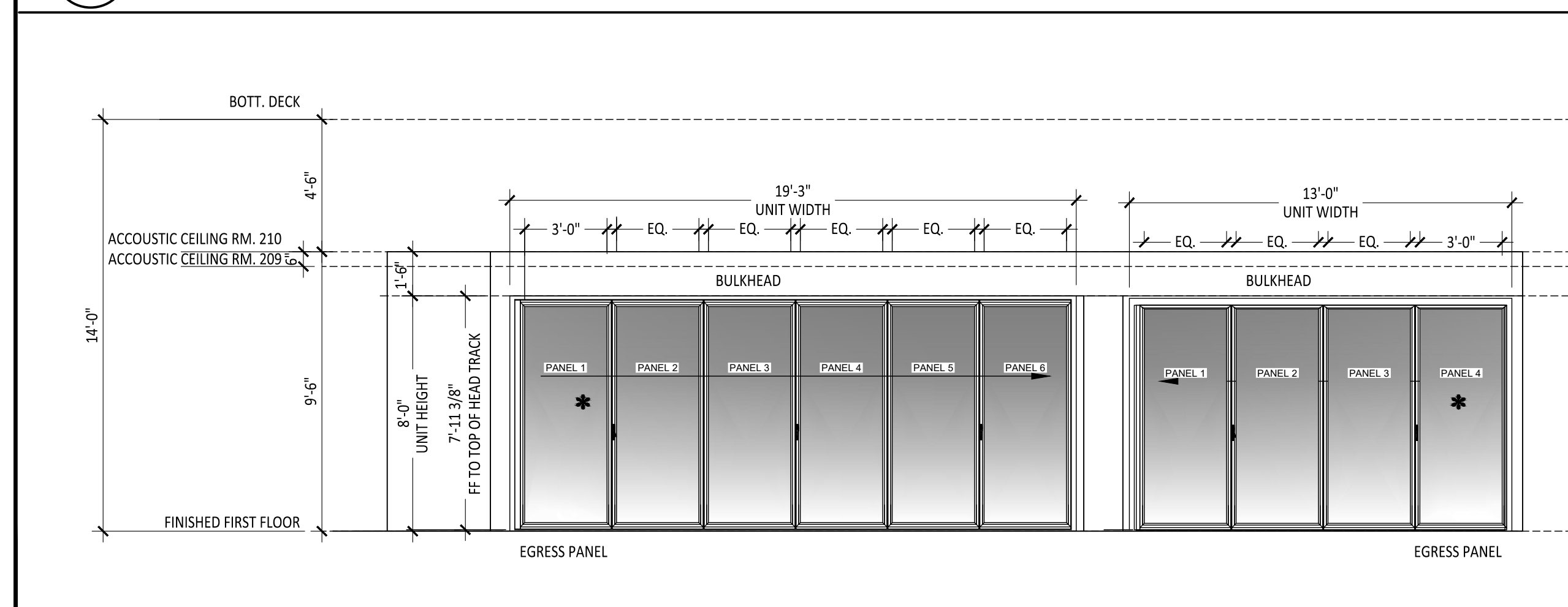
DOOR SCHEDULE

MARK	DOOR					FRAME			FIRE RATING	T'HOLD	HDW	REMARKS
	SIZE	THICK	MATERIAL	TYPE	FINISH	GLASS	MATERIAL	TYPE				
102	EXISTING DOOR, FRAME AND HARDWARE TO REMAIN											ACCESS CONTROL. NEW KEYPAD LOCKSET
122	EXISTING DOOR, FRAME AND HARDWARE TO REMAIN											THIS DOOR SHALL REMAIN UNLOCKED DURING BUSINESS HOURS.
210 A & 210 B	EGRESS PANEL 3'-0" X 8'-0"											NANAWALL ACCOUSTICAL 645. FOLDING SYSTEM. FLUSH SILL. ADA COMPLIANT
218	2'-9" X 7'-0"	1 3/4"	ALUM-FR	-	-	G-1	ALUM-FR	SF-1	MATCH EXIST.	20 MN.	1	D-20, SAFETY GLAZING. NOTE 3
221	3'-0" X 7'-0"	1 3/4"	WD	-	-		H.M.	B	PAINT	20 MN.	2	
234	EXISTING DOOR, FRAME AND HARDWARE TO REMAIN - STOREFRONT ENTRANCE											ACCESS CONTROL. NEW KEYPAD LOCKSET
235	EXISTING DOOR, FRAME AND HARDWARE TO REMAIN											NEW ACCESS CONTROL & KEYPAD LOCKSET. PROVIDE POWER SUPPLY
237	EXISTING DOOR, FRAME AND HARDWARE TO REMAIN. STOREFRONT ENTRANCE											ACCESS CONTROL. NEW KEYPAD LOCKSET

- NOTES:**
- ALL NEW HARDWARE SHALL MEET ADA REQUIREMENTS
 - NEW DOORS SHALL MATCH THE SPECIES, FINISH AND COLOR OF EXISTING DOORS.
 - FIELD VERIFY CLEAR OPENING DIMENSIONS AND PROFILE OF EXISTING UPPER STOREFRONT ASSEMBLY AND LOWER CASEWORK IN OFFICE 218 PRIOR TO FABRICATION AND MATCH PROFILES AND FINISH
 - NEW INTERIOR ALUMINUM STOREFRONT DOOR SHALL MATCH THE EXISTING ASSEMBLY IN COLOR, FINISH, AND PROFILES.

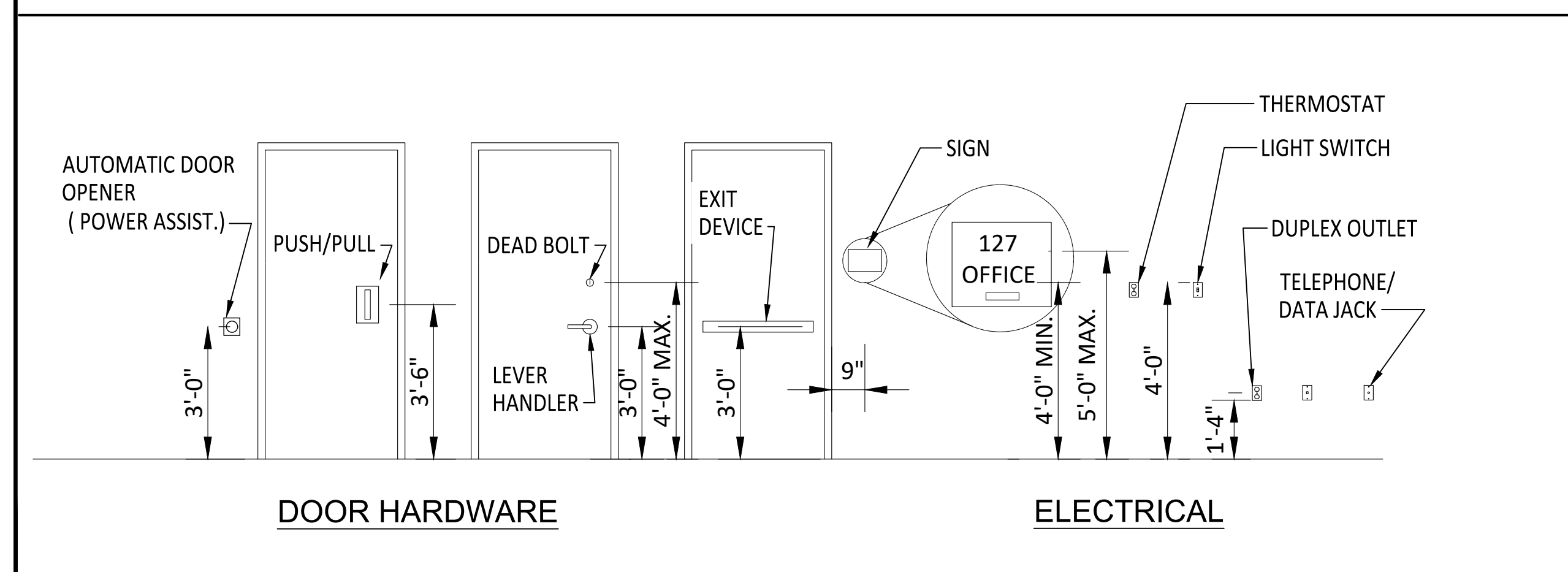
A1-2.1 INTERIOR ELEVATION

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



TYPICAL ACCESSORY MOUNTING HEIGHTS

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



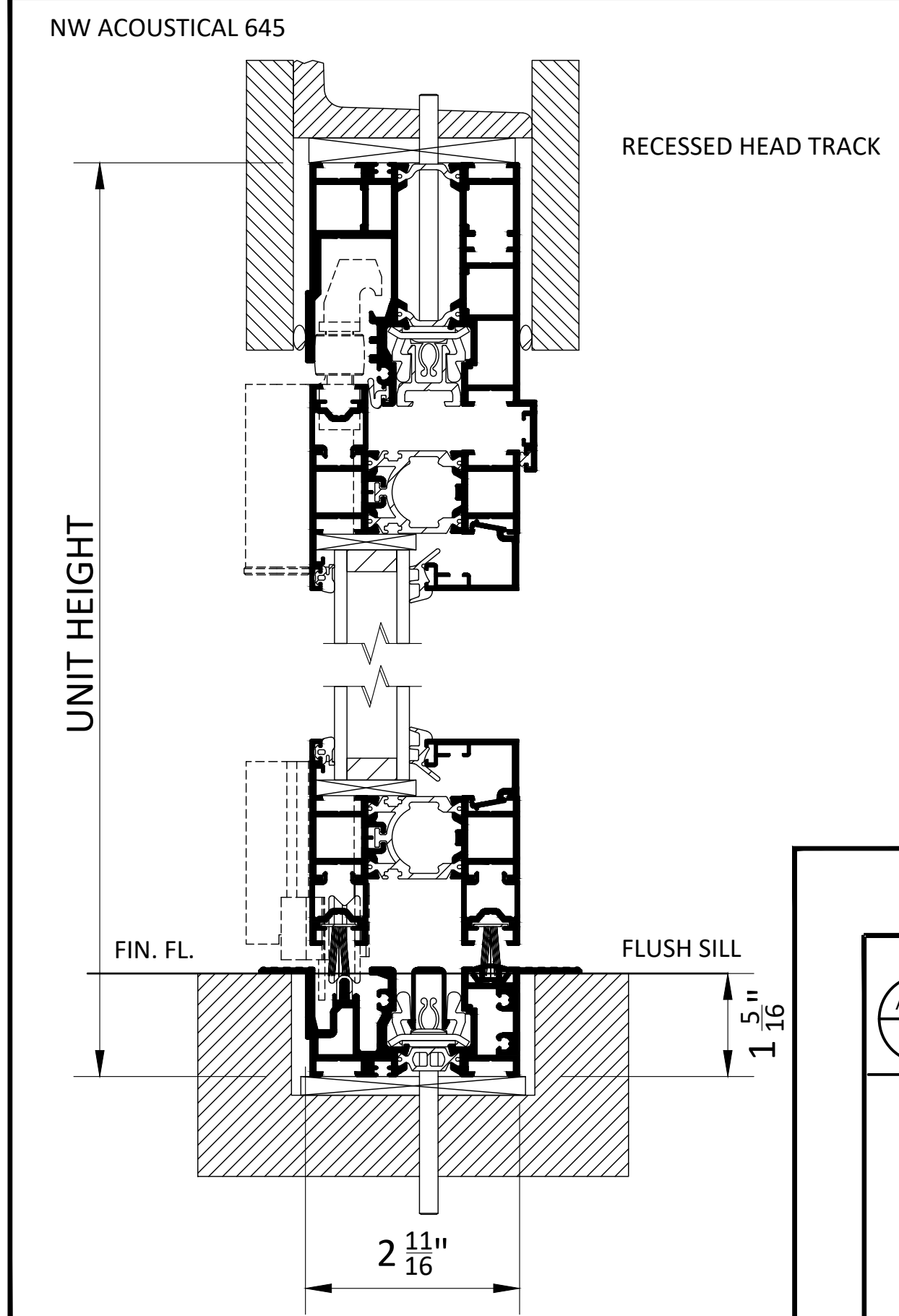
HARDWARE SCHEDULE

QUANTITY	DESCRIPTION	REMARKS
HARDWARE SET - 1 OFFICE 218		
1	LEVER LOCKSET (OFFICE FUNCTION)	OFFICE FUNCTION MATCH EXISTING FINISH FIRE RATED
1	CLOSER	
1	WALL STOP	
3	SILENCERS	
1	SMOKE GASKET	
HARDWARE SET - 2 IT ROOM 221		
1 1/2 PR.	4 3/8" x 4 3/8" BALL BEARING HINGES	OFFICE SET MATCH EXISTING FINISH FIRE RATED
1	LEVER LOCKSET	
1	CLOSER	
1	WALL STOP	
1	THRESHOLD PER DOOR SCHED.	
3	SILENCERS	OFFICE SET MATCH EXISTING FINISH FIRE RATED
1	SMOKE GASKET	
HARDWARE SET - 3 OPEN COLLABORATION SPACE 210		
1	CLOSER	NANA WALL MOVEABLE WALL. PRIMARY EGRESS PANEL ADA COMPLIANT
1	RIM EXIT DEVICE	
1	FLUSH SILL. THRESHOLD PER DOOR SCHED.	

NOTE: KEYING SHALL BE BY OWNER.

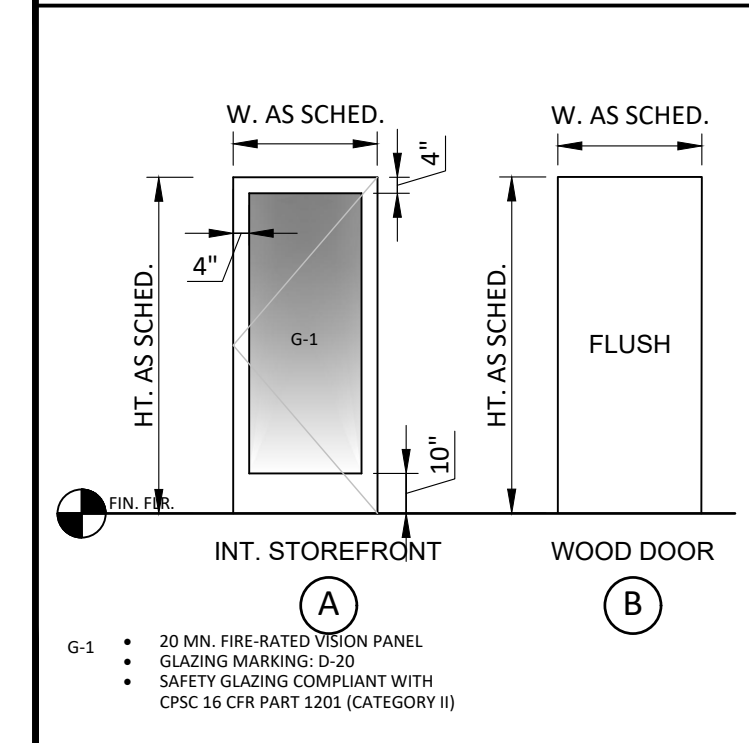
HEAD AND SILL DETAIL

SCALE: 3/4" = 1'-0"



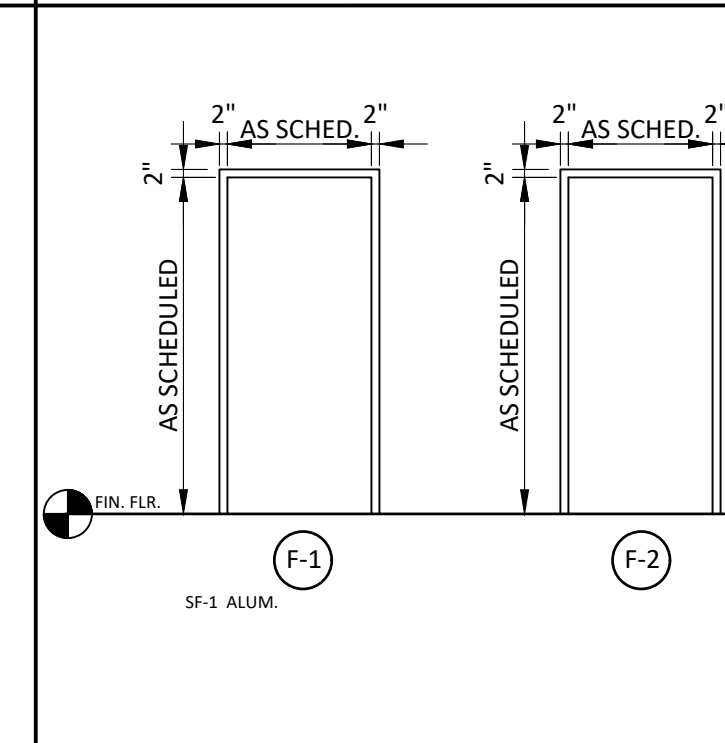
DOOR TYPES

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



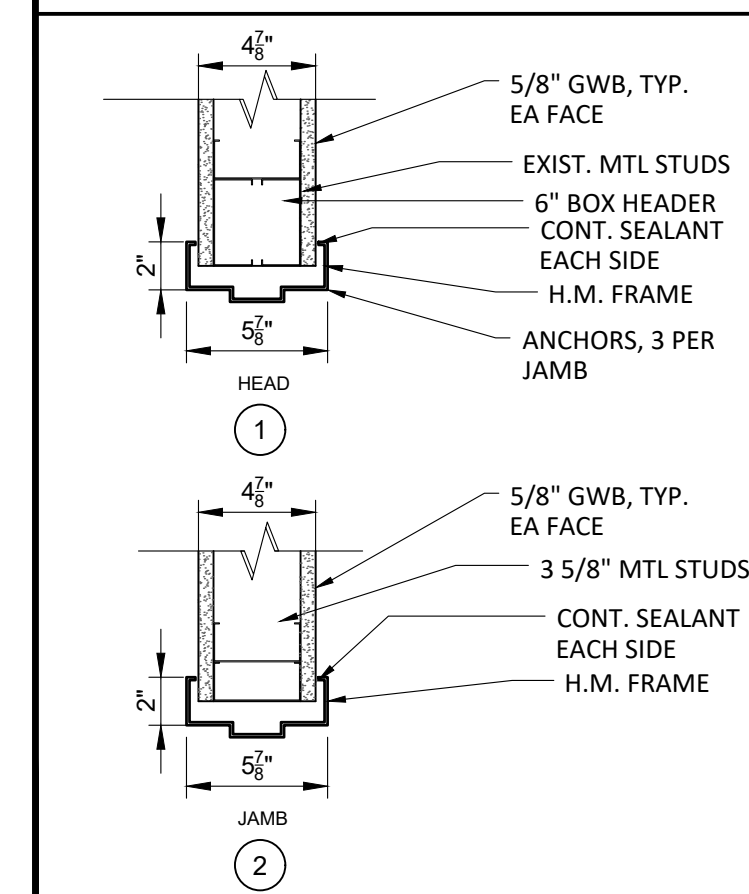
FRAME TYPES

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



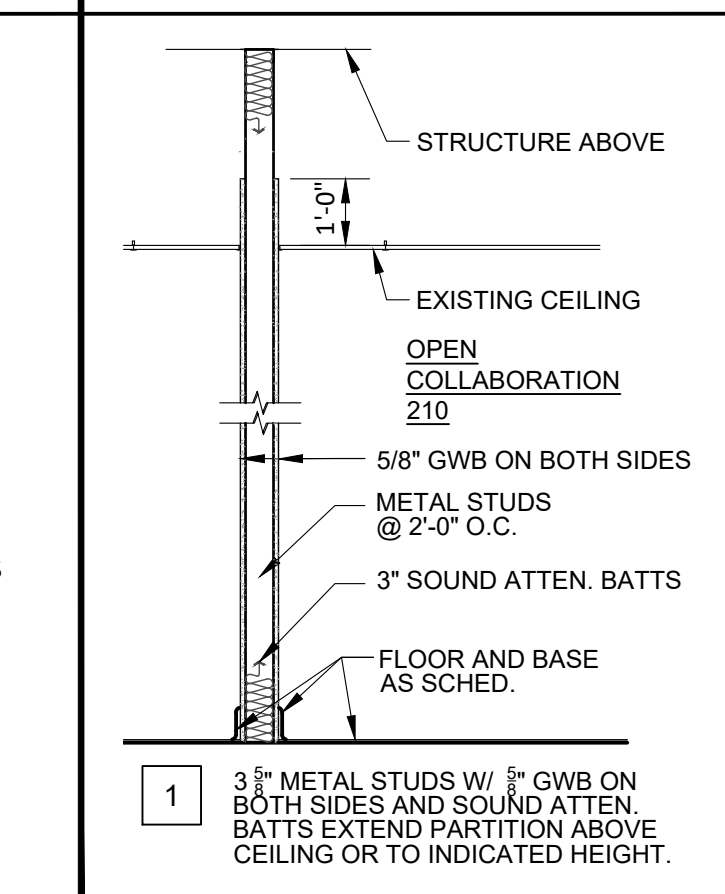
HEAD & JAMB DETAILS

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



PARTITION TYPE

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

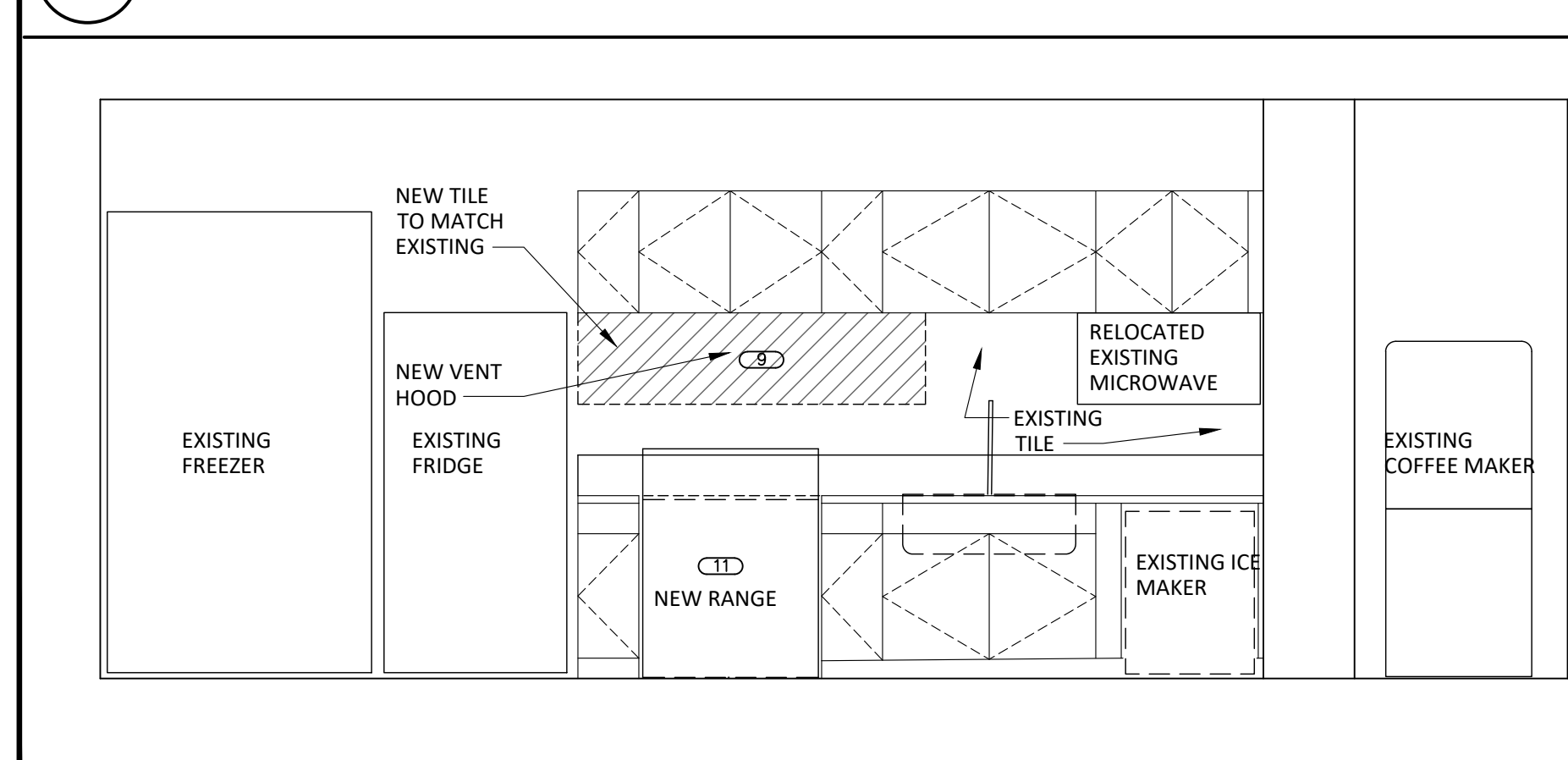


OWNER-FURNISHED ITEMS SCHEDULE

ROOM	DESCRIPTION	FURNISHED/INSTALLED	REMARKS
101	36" ELECTRIC RANGE	O.F.C.I.	-VERIFY AND ENSURE THAT THE NEMA ELECTRICAL DISCONNECT SIZING OF THE NEW RANGE MUST BE RATED TO MATCH THE RANGE HOOD DISCONNECT. -COORDINATE RECEPTACLE LOCATION AND VOLTAGE WITH APPLIANCE SPECS.
103	ONE (1) SCREEN - 55"	O.F.C.I.	- SCREEN MOUNTING HARDWARE PROVIDED AND INSTALLED BY CONTRACTOR
207	ONE (1) SCREEN - 85"		
209	THREE (3) SCREENS - 85"		
235	ONE (1) SCREEN - 49"		
102, 234, 235, 237	ACCESS CONTROL HARDWARE	O.F.O.I.	PRIOR CONTRACTOR MOBILIZATION, THE OWNER WILL UPDATE THE EXTERIOR ACCESS CONTROL HARDWARE. -COORDINATE WITH THE OWNER'S SECURITY VENDOR TO PROVIDE REQUIRED WIRING AND CONCEALED PATHWAYS WHERE NOTED ON PLANS

A1-2.2 INTERIOR ELEVATION - LOUNGE/LUNCH 101

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

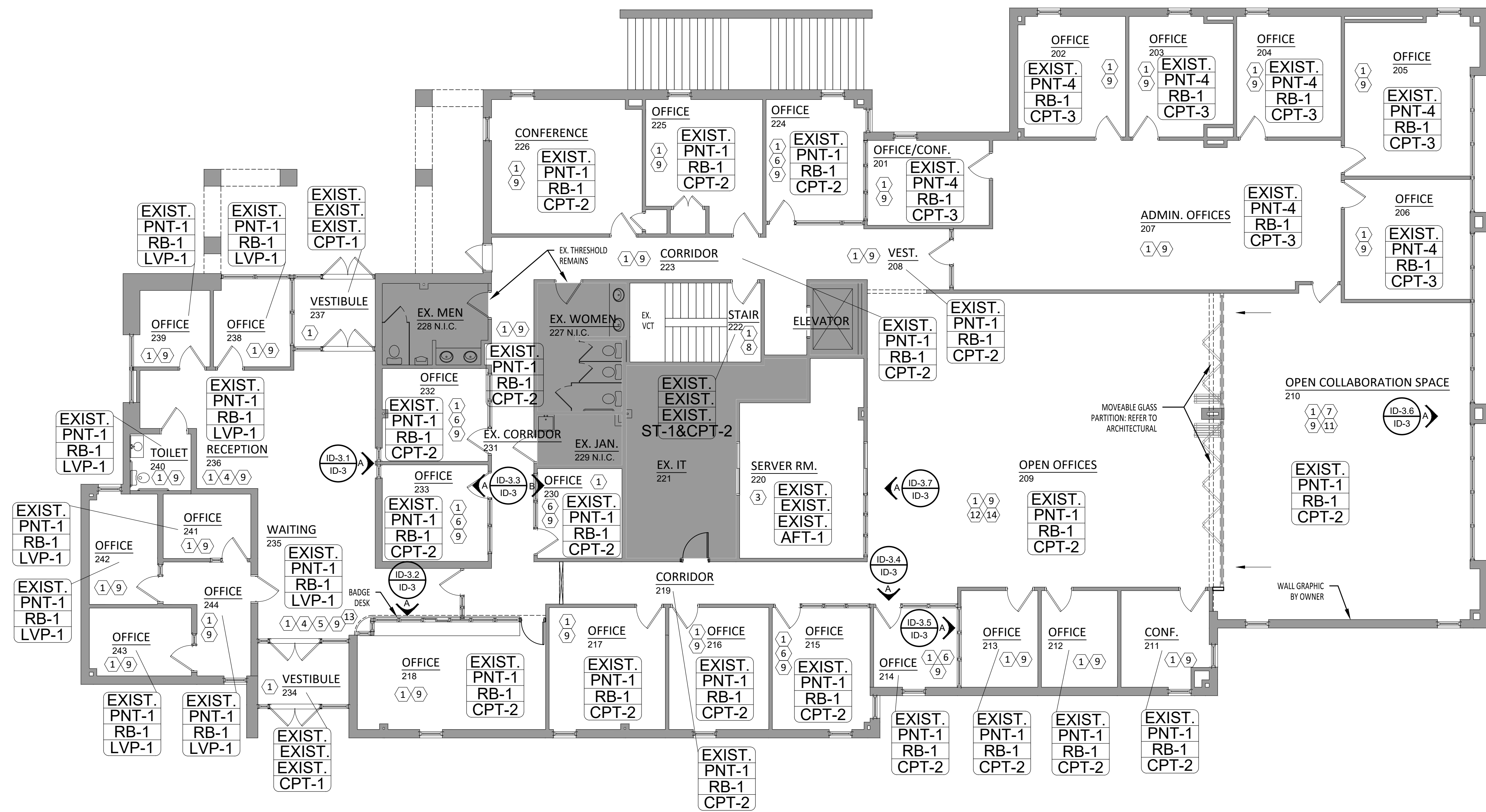


INTERIORS NEW WORK NOTES

- 1 PROVIDE NEW FLOORING AND WALL BASE AS SPECIFIED.
- 2 TOUCH UP FINISH ON STOREFRONT AT AND ADJACENT TO 218 BADGE DESK AND DOOR 235.
- 3 PROVIDE MATCHING ACCESS FLOOR TILE INSERTS.
- 4 NEW FURNITURE BY OTHERS.
- 5 RE-FACE CASEWORK AS SPECIFIED.
- 6 PROVIDE WINDOW FILM AS SPECIFIED.
- 7 PROVIDE WINDOW FILM ON WINDOW WAINSCOT AS SPECIFIED.
- 8 PROVIDE STAIR TREADS AND RISERS AS SPECIFIED.
- 9 PROVIDE NEW PAINT AS SPECIFIED: WALL AND TRIM.
- 10 PROVIDE NEW PAINT AS SPECIFIED: WALLS AND WOOD BASEBOARD.
- 11 WALL GRAPHIC MURAL BY OWNER.
- 12 RE-COVER TABLE TOPS, AS SPECIFIED.
- 13 PROVIDE WINDOW FILM; LOGO GRAPHIC PROVIDED BY OWNER.

FINISH SCHEDULE

TAG	ROOM	FLOOR FINISH	BASE FINISH	WALL FINISH	WALL ACCENT	WINDOW FILM	CASEWORK	REMARKS
101	LOUNGE/LUNCH	EXIST.	EXIST.	PNT-3	--	--	PLAM-2	
103	BOARD ROOM	EXIST.	EXIST.	PNT-5	PNT-4	O.F.O.I.	--	WALL GRAPHIC OWNER FURNISHED OWNER INSTALLED (O.F.O.I.)
104	STAIR	ST-1/CPT-2	EXIST.	EXIST.	--	--	--	CPT-2 ON MAIN FLOOR LANDING
201	OFFICE/CONF.	CPT-3	RB-1	PNT-4	--	--	--	
202	OFFICE	CPT-3	RB-1	PNT-4	--	--	--	
203	OFFICE	CPT-3	RB-1	PNT-4	--	--	--	
204	OFFICE	CPT-3	RB-1	PNT-4	--	--	--	
205	OFFICE	CPT-3	RB-1	PNT-4	--	--	--	
206	OFFICE	CPT-3	RB-1	PNT-4	--	--	--	
207	ADMIN OFFICE	CPT-3	RB-1	PNT-4	--	--	--	
208	VEST.	CPT-2	RB-1	PNT-1	--	--	--	
209	OPEN OFFICES	CPT-2	RB-1	PNT-1	--	--	--	WF-2 ON SERVER ROOM SLIDING DOORS
210	OPEN COLLAB. SPC.	CPT-2	RB-1	PNT-1	O.F.O.I.	WF-3	--	WALL GRAPHIC O.F.O.I. / WF-3 ON WINDOW WAINSCOT
211	CONF.	CPT-2	RB-1	PNT-1	--	--	--	
212	OFFICE	CPT-2	RB-1	PNT-1	--	--	--	
213	OFFICE	CPT-2	RB-1	PNT-1	--	--	--	
214	OFFICE	CPT-2	RB-1	PNT-1	--	WF-1	--	WF-1 ON TWO (2) WINDOWS
215	OFFICE	CPT-2	RB-1	PNT-1	--	WF-1	--	
216	OFFICE	CPT-2	RB-1	PNT-1	--	--	--	
217	OFFICE	CPT-2	RB-1	PNT-1	--	--	--	
218	OFFICE	CPT-2	RB-1	PNT-1	--	WF-2	PLAM-1	
219	CORRIDOR	CPT-2	RB-1	PNT-1	--	--	--	
220	SERVER ROOM	AFT-1	EXIST.	EXIST.	--	WF-2	--	REPLACE DAMAGED RAISED ACCESS FLOOR TILES
222	STAIR	ST-1	EXIST.	EXIST.	--	--	--	EXISTING VCT LANDING REMAINS
223	CORRIDOR	CPT-2	RB-1	PNT-1	--	--	--	
224	OFFICE	CPT-2	RB-1	PNT-1	--	WF-1	--	WF-1 ON TWO (2) WINDOWS
225	OFFICE	CPT-2	RB-1	PNT-1	--	--	--	
226	CONFERENCE	CPT-2	RB-1	PNT-1	--	--	--	
228	OFFICE	CPT-2	RB-1	PNT-1	--	--	--	
230	OFFICE	CPT-2	RB-1	PNT-1	--	WF-1	--	
231	CORRIDOR	CPT-2	RB-1	PNT-1	--	--	--	
232	OFFICE	CPT-2	RB-1	PNT-1	--	WF-1	--	WF-1 ON TWO (2) WINDOWS
233	OFFICE	CPT-2	RB-1	PNT-1	--	WF-1	--	WF-1 ON TWO (2) WINDOWS
234	VEST.	CPT-1	EXIST.	EXIST.	--	--	--	
235	WAITING	LVT-1	RB-1	PNT-1	--	--	--	EXISTING BRICK REMAINS UNPAINTED
236	LOBBY	LVT-1	RB-1	PNT-1	--	--	--	EXISTING BRICK REMAINS UNPAINTED
237	VEST.	CPT-1	EXIST.	EXIST.	--	--	--	
238	OFFICE	LVT-1	RB-1	PNT-1	--	--	--	
239	OFFICE	LVT-1	RB-1	PNT-1	--	--	--	
240	TOILET	LVT-1	RB-1	PNT-2	--	--	--	EXISTING MARBLE THRESHOLD REMAINS
241	OFFICE	LVT-1	RB-1	PNT-1	--	--	--	
242	OFFICE	LVT-1	RB-1	PNT-1	--	--	--	
243	OFFICE	LVT-1	RB-1	PNT-1	--	--	--	
244	OFFICE	LVT-1	RB-1	PNT-1	--	--	--	



INTERIOR FINISHES

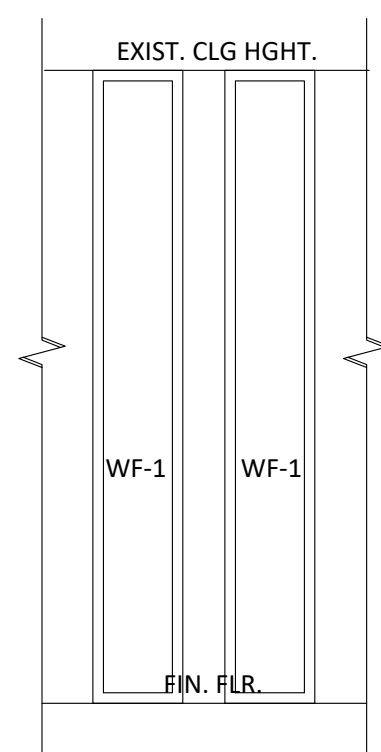
- PNT-1 (WALL PAINT)**
 MFG: SHERWIN WILLIAMS
 COLOR: SW 7028 INCREDIBLE WHITE
 SHEEN: EGGSHELL
 INSTALL: FIELD
- PNT-2 (WALL PAINT)**
 MFG: SHERWIN WILLIAMS
 COLOR: SW 7654 STEELY GRAY
 SHEEN: EGGSHELL
 INSTALL: ADMIN SUITE ACCENT,
- PNT-3 (WALL PAINT)**
 MFG: SHERWIN WILLIAMS
 COLOR: SW 6531 INDIGO
 SHEEN: EGGSHELL
 INSTALL: BREAK ROOM
- PNT-4 (WALL PAINT)**
 MFG: SHERWIN WILLIAMS
 COLOR: SW 6239 UPWARD
 SHEEN: EGGSHELL
 INSTALL: ADMIN. OFFICES AND BOARD RM.
- PNT-5 (TRIM PAINT)**
 MFG: SHERWIN WILLIAMS
 COLOR: SW 2849 WESTCHESTER GRAY
 SHEEN: SEMI-GLOSS
 INSTALL: PAINTED DOOR TRIM
- WF-1 (WINDOW FILM)**
 MFG: DECORATIVE FILMS BY CLEAR DEFENSE
 WINDOW FILM
 COLOR: SX-3131-UG SOLYX ECO DUSTED CRYSTAL
 INSTALL: OFFICES INTERIOR WINDOWS; FULL HEIGHT AND WIDTH; REFER TO ELEVATIONS
- WF-2 (WINDOW FILM)**
 MFG: DECORATIVE FILMS BY CLEAR DEFENSE
 WINDOW FILM
 COLOR: SX-3131-UG SOLYX ECO DUSTED CRYSTAL
 IMAGE: CUSTOM LOGO PROVIDED BY OWNER
 INSTALL: BADGE DESK AND SERVER ROOM SLIDING DOOR; FULL HEIGHT AND WIDTH; REFER TO ELEVATION
- WF-3 (WINDOW FILM)**
 MFG: DECORATIVE FILMS BY CLEAR DEFENSE
 WINDOW FILM
 COLOR: SXJ-0553 SOLYX SAPPHIRE DOT GRADIENT
 INSTALL: ROOM 210 WINDOW WALL WAINSCOT; REFER TO ELEVATION
- LVP-1 (LUXURY VINYL TILE FLOORING)**
 MFG: SHAW CONTRACT
 STYLE: 4536V SOLO
 COLOR: 49515 HORIZON
 FINISH: EXOGUARD+, COMPLIES WITH SLIP RESISTANCE FOR ADA WALKING SURFACES
 SIZE: 9" x 48" x 5mm
 INSTALL: ASHLAR; LOBBY, FRONT OFFICES, AND TOILET 240
- CPT-1 (CARPET)**
 MFG: SHAW CONTRACT
 COLL: ALL ACCESS ENTRYWAY SYSTEM
 STYLE: 5T034 PATH TILE
 COLOR: 34485 NAVY
 SIZE: 24" x 24" x 1/4"
 INSTALL: VESTIBULES (2); MAIN FLOOR; MONOLITHIC
- CPT-2 (CARPET)**
 MFG: SHAW CONTRACT
 STYLE: 5T497 COLLABORATION TILE
 COLOR: 97496 TRUE PROGRESS
 SIZE: 9" x 36" x 1/4"
 INSTALL: ASHLAR; FIELD, CORRIDORS, OPEN SPACES
- CPT-3 (CARPET)**
 MFG: SHAW CONTRACT
 STYLE: 5T594 IMAGINE TILE
 COLOR: 93486 BRAINSTORM BLUE
 SIZE: 24" x 24" x 1/4"
 INSTALL: ASHLAR; ADMIN. SUITE
- RB-1 (RUBBER BASE)**
 MFG: SHAW CONTRACT
 STYLE: 1763A ECOWALL BASE, COVE TOE
 SIZE: 4" x 1/2" GAUGE
 COLOR: 86 CHARCOAL
- ST-1 (STAIR TREADS/RISERS)**
 MFG: SHAW CONTRACT
 STYLE: LUMINOUS TREAD WITH INTEGRATED RISER, TYPE TP RUBBER
 COLOR: 00054 DARK
- AFT-1 (ACCESS FLOOR TILE)**
 MFG: TBD; CONTRACTOR TO IDENTIFY SOURCE
 STYLE: REPLACEMENT RAISED ACCESS FLOOR TILE TO MATCH USG 1000 9102141
 COLOR: MATCH EXISTING; VERIFY ON SITE; PHOTOS OF EXISTING MAY BE REQUESTED FROM THE ARCHITECT
 QTY: PROVIDE ALLOWANCE TO REPLACE 50% OF THE EXISTING TILES IN THE SERVER ROOM
- PLAM-1 (LAMINATE)**
 MFG: WILSONART ENGINEERED SURFACES
 STYLE: 735; RECOVER
 COLOR: 5043K-15 LISOLA
 FINISH: FIELDSTONE
 INSTALL: RE-COVER FACE AND TOP OF BADGE DESK - LOBBY SIDE; REVEAL REMAINS AS EXISTING
- PLAM-2 (LAMINATE)**
 MFG: WILSONART ENGINEERED SURFACES
 STYLE: 107; RECOVER
 COLOR: 13092-60 CATALINA
 FINISH: MATTIE
 INSTALL: RE-COVER BREAK ROOM TABLE TOPS; RE-INSTALL EXISTING EDGE BAND

INTERIOR FINISHES PLAN - MAIN FLOOR

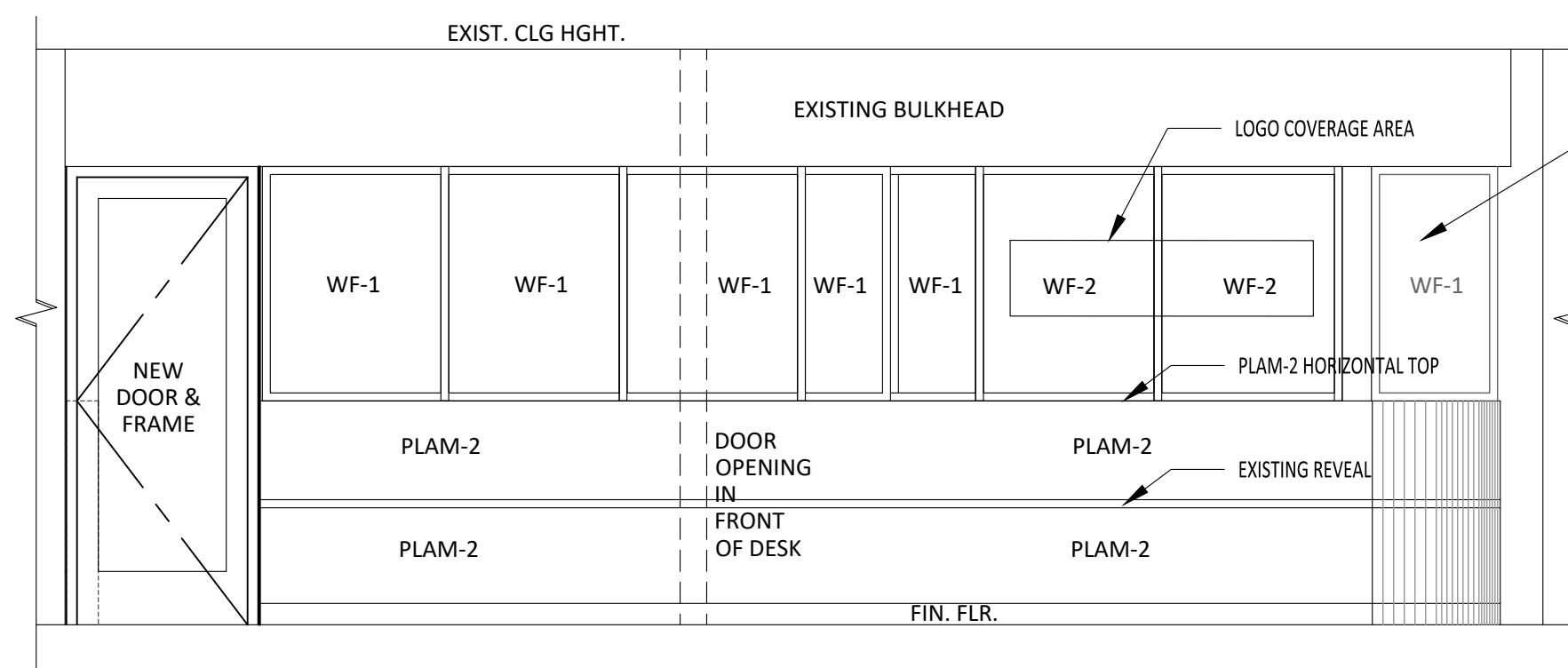
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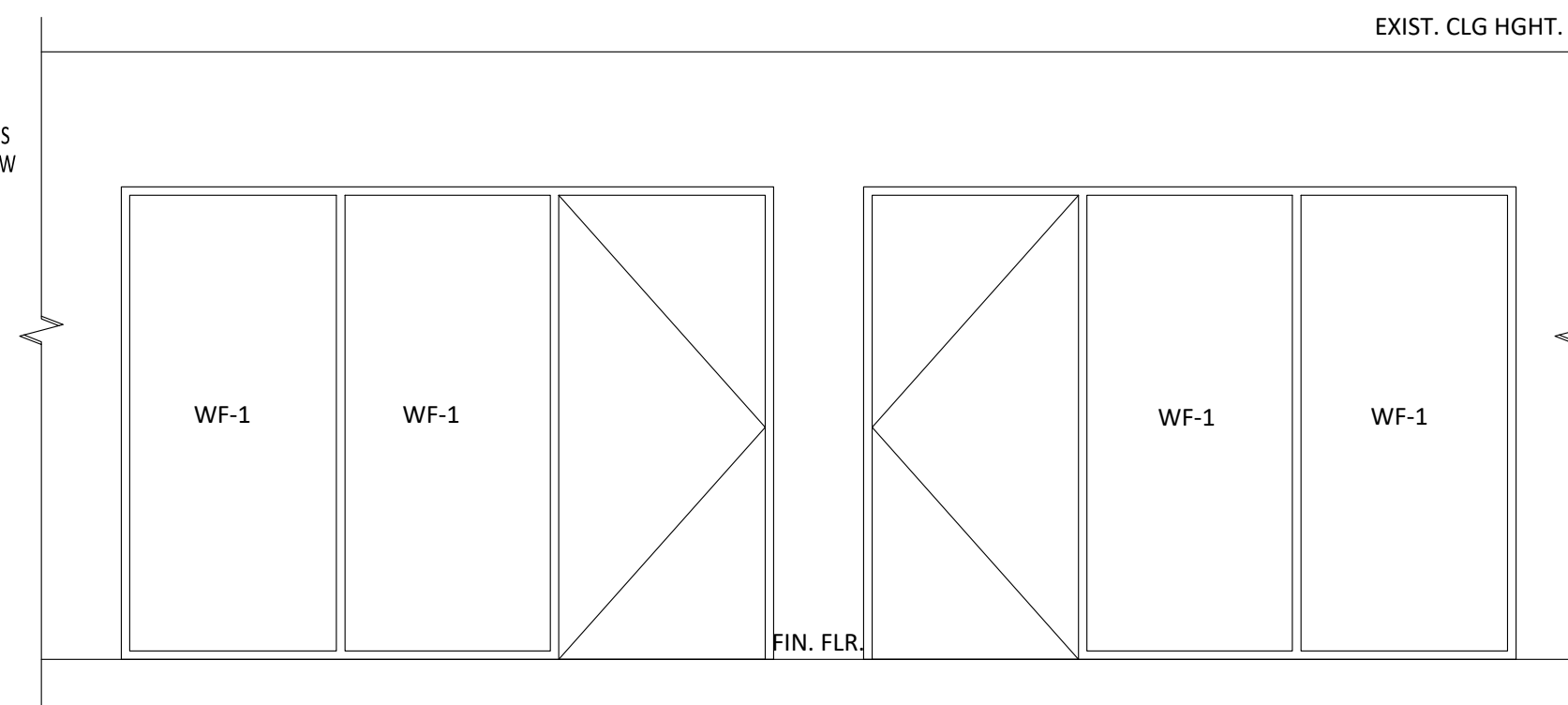
CLG
 WALL
 BASE
 FLOOR



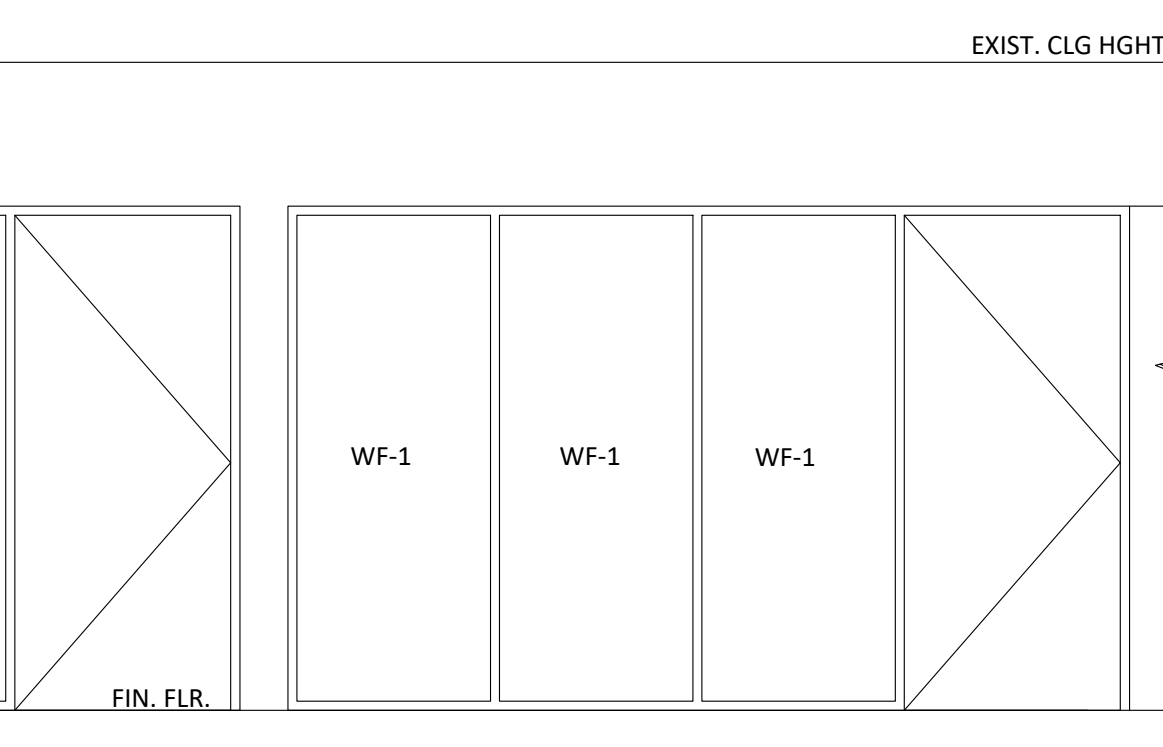
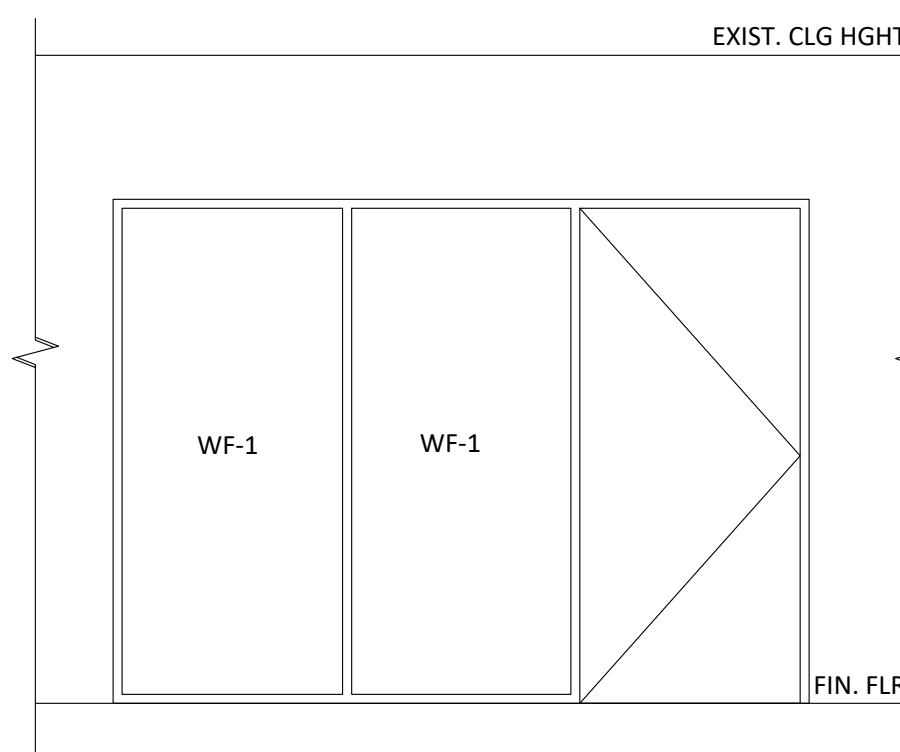
ELEVATION
ID-3.1
ID-3
SCALE: 3/8" = 1'-0"



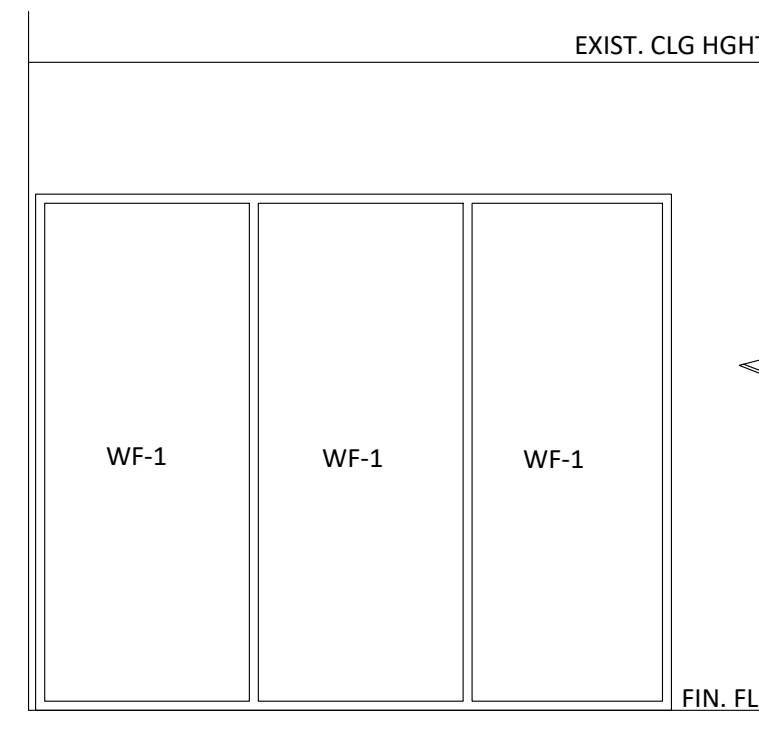
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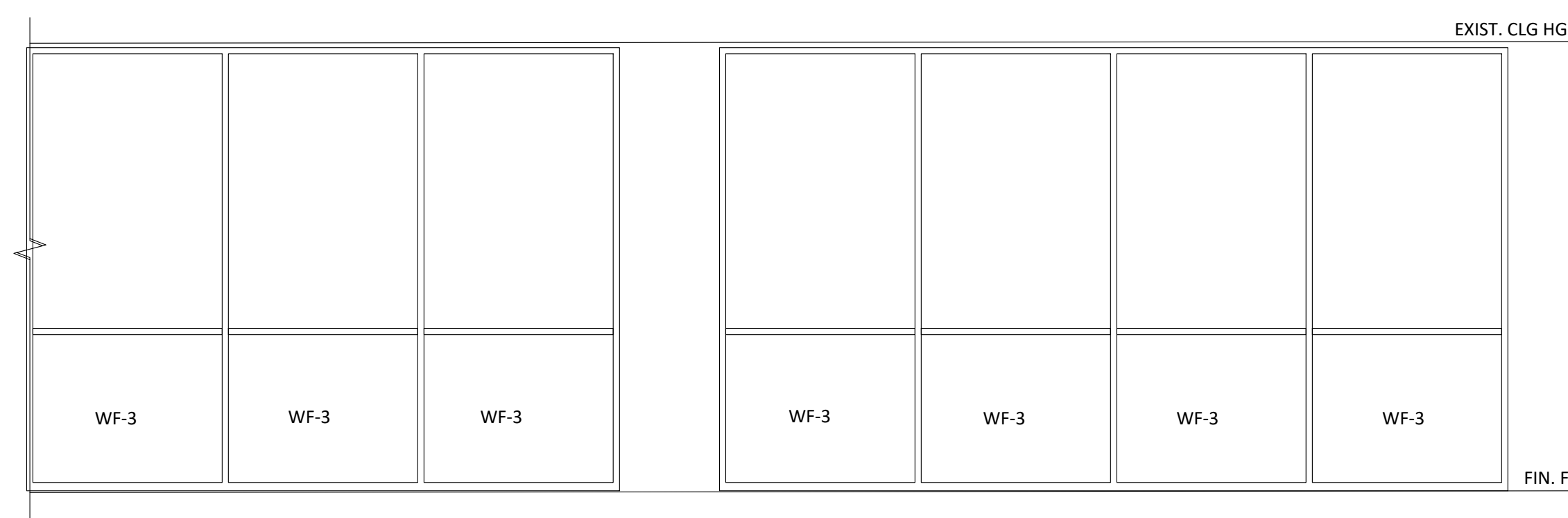
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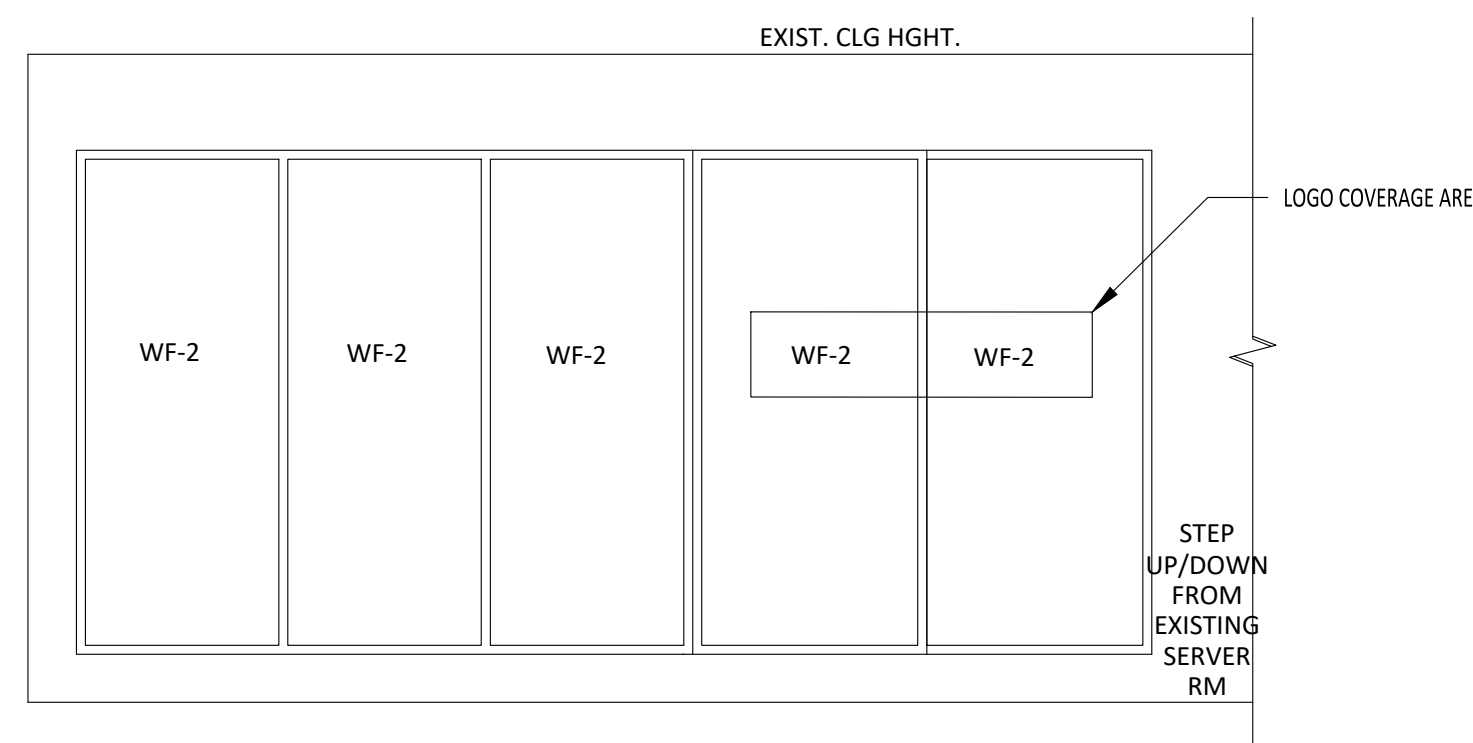
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ID-3
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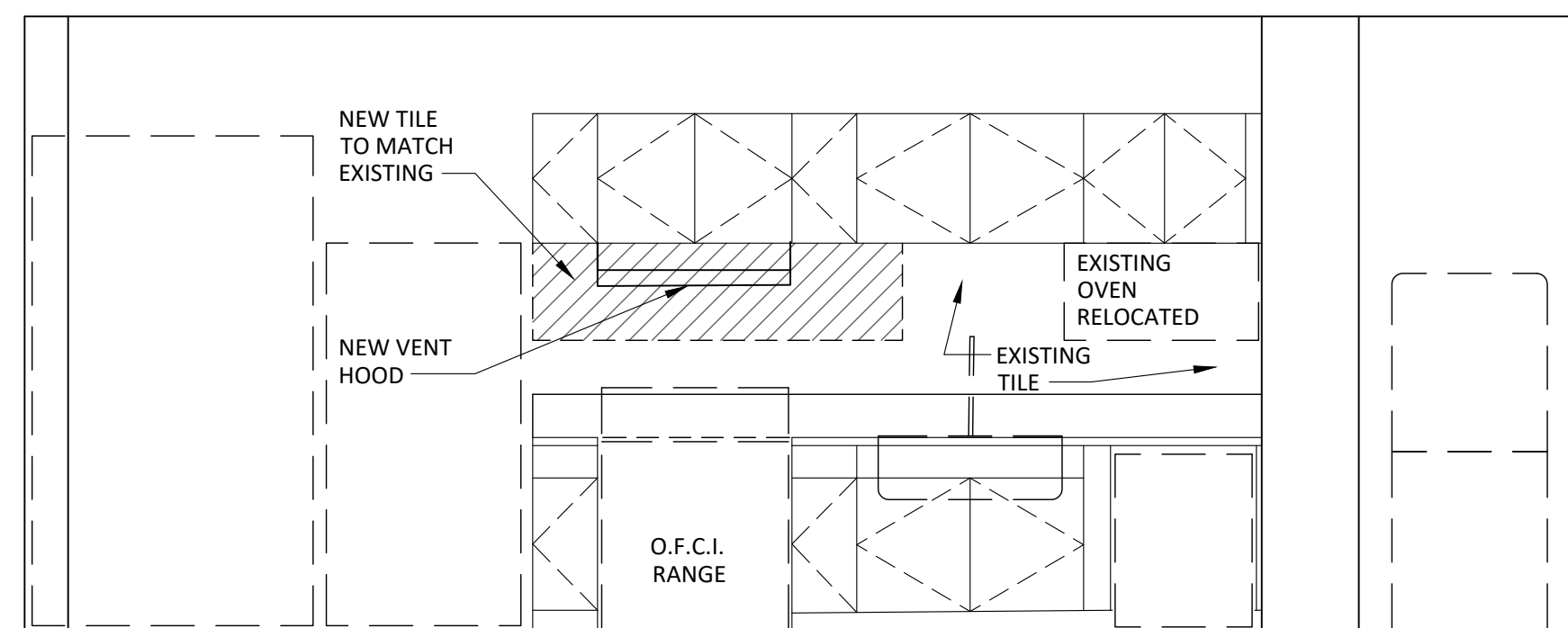
ELEVATION
ID-3.5
ID-3
SCALE: 3/8" = 1'-0"



ELEVATION
ID-3.6
ID-3
SCALE: 3/8" = 1'-0"



ELEVATION
ID-3.7
ID-3
SCALE: 3/8" = 1'-0"



CASEWORK ELEVATION LOUNGE / LUNCH RM
ID-3.8
ID-3
SCALE: 3/8" = 1'-0"

Drawing File: EA_2026A_26008.001 - Roanoke Airport - Administration Office Renovation V03.0 - AdminOff_V03.0_Architectural_26008.001_R01_01.dwg