

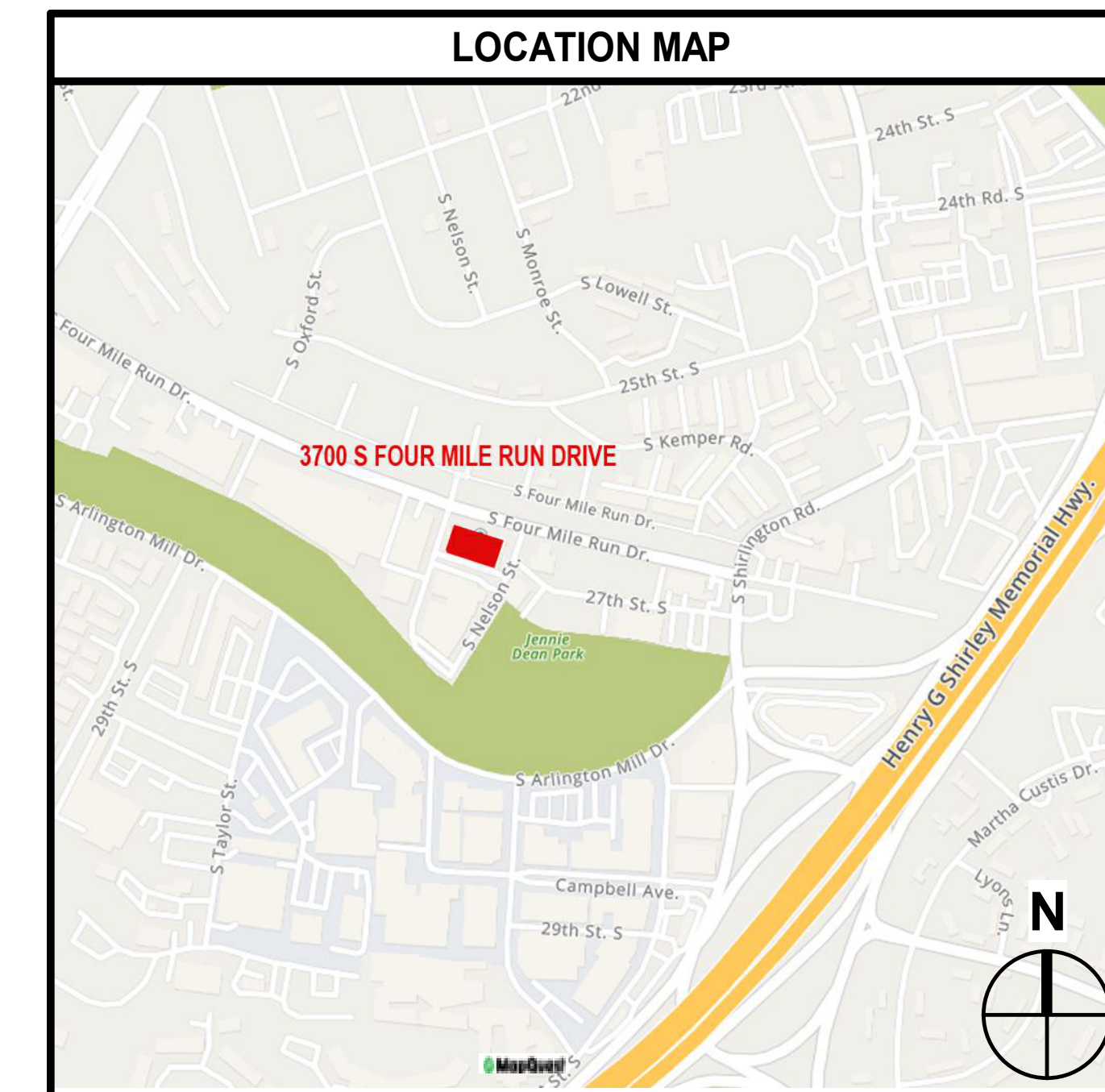
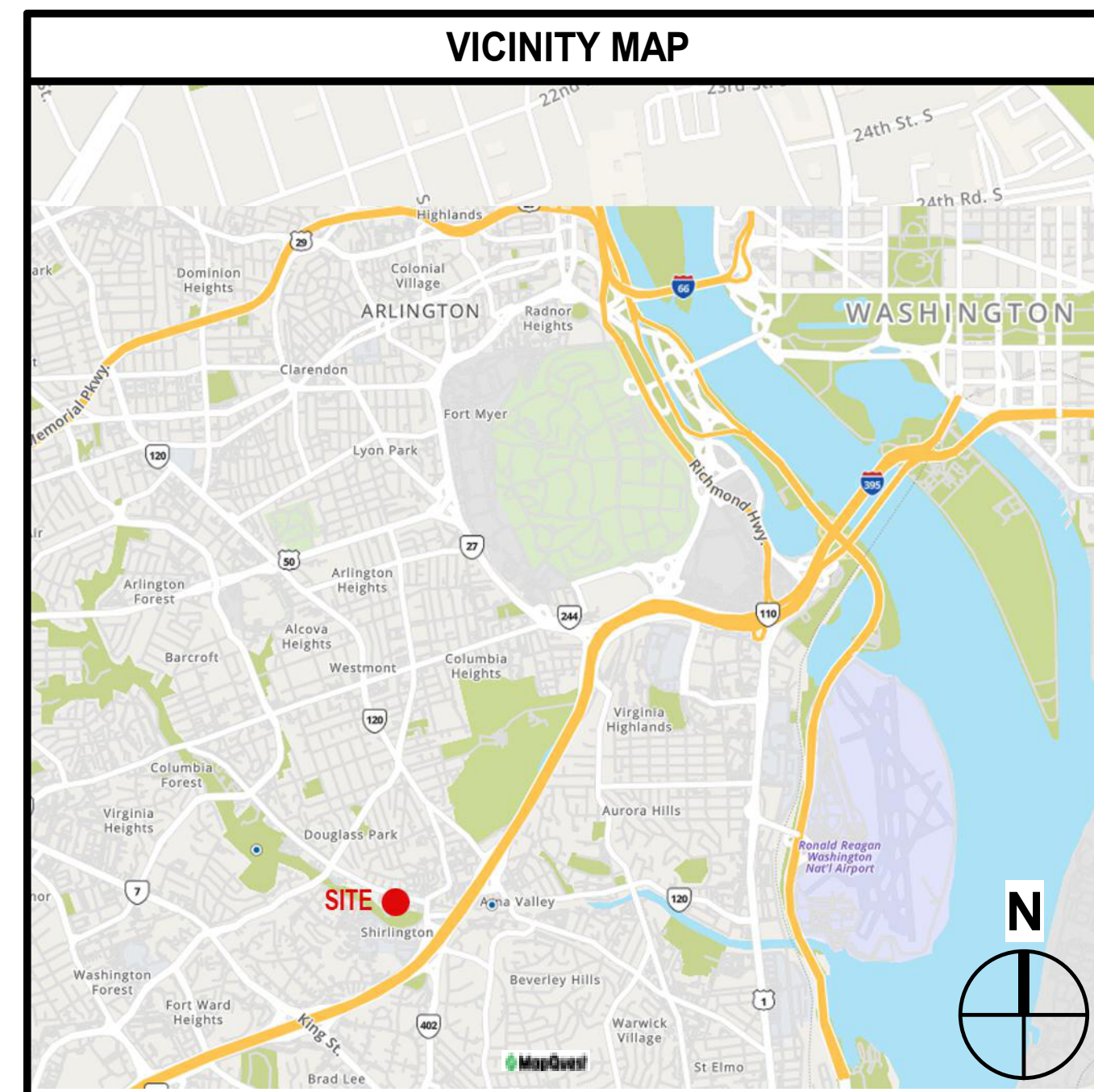
BID SET

ARLINGTON CULTURAL AFFAIRS RENO

FACILITIES DESIGN & CONSTRUCTION ARLINGTON, VIRGINIA

MOSELEYARCHITECTS

8001 BRADDOCK ROAD, SUITE 400, SPRINGFIELD, VA 22151
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MOSELEYARCHITECTS.COM



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ARLINGTON CULTURAL AFFAIRS RENO

No. 22-DES-RFP191
FACILITIES DESIGN & CONSTRUCTION
3700 S. FOUR MILE RUN DRIVE

PROJECT NO:	624801
DATE:	DECEMBER 15, 2023
REVISIONS	
DATE	DESCRIPTION
12.15.23	BID SET

COVER

THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL.
IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

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VCC 302.1	Classification	Group
	Assembly	A-3
	Business	B
	Moderate-Hazard Factory Industrial	F-1
	Low-Hazard Factory Industrial	F-2

VCC 703.3 FIRE-RESISTANCE-RATED CONSTRUCTION

Alternative methods for determining fire resistance

The required fire resistance of a building element shall be permitted to be established by the following:
 Fire resistance designs documented in approved sources
 Prescriptive designs as prescribed in Section 721

VCC 707.6 Openings [fire barriers]

Each opening shall be protected per Section 716; limited to maximum aggregate width of 25% of length of wall; and maximum area of any single opening shall be 156 SF

VCC 715.1 Fire-resistant joint systems

Joints in fire-resistance-rated walls, assemblies, roofs, floors, and ceilings shall be protected by an approved fire-resistant joint system

Opening Fire Protection Ratings	Assembly rating	Fire Door / Shutter Rating
Fire walls	2 hours	1-1/2 hour
Fire barriers	2 hours	1-1/2 hour

VCC 717.4 Access and identification [dampers]

Provide access to all fire, smoke, and combination dampers large enough to permit inspection and maintenance of the damper and its operable parts
 Access shall not affect or reduce the rated integrity
 Identify all access points with a label complying with Section 717.4

VCC 801.8 INTERIOR FINISHES

Foam plastics

Foam plastics shall not be used as interior finish or trim except as provided in Sections 803.4, 806.3, or 2604.2

Class	Flame Spread	Smoke Developed
A	0-25	0-450
B	26-75	0-450
C	76-200	0-450

VCC 803.1.1 Interior wall and ceiling finish requirements by occupancy

Group	Sprinklered		
	Exit enclosures and passageways	Corridors	Rooms and enclosed spaces
A-3, A-4, and A-5	B	B	C
B, E, M, and R-1	B	C	C
F	C	C	C

VCC 803.11.1 Direct attachment and furred construction

Where walls or ceilings are required to be fire-resistance-rated or noncombustible, apply interior finish directly to such construction or furring strips not more than 1-3/4 inches in size
 Fill intervening spaces between furring strips with inorganic, noncombustible, or Class A material; or fireblock at 8-ft intervals

VCC 806.1.2 Combustible decorative materials

Amount of combustible decorative material shall not exceed 10% of the aggregate area of walls and ceilings
 Exception 3: Unlimited where suspended from ceiling and not supported by floor in Groups B and M

VCC 806.5 Interior trim

Other than foam plastic, shall be minimum Class C
 Combustible trim, excluding handrails and guards, shall not exceed 10% of the specific wall or ceiling area in which it is attached

VCC FIRE PROTECTION SYSTEMS

Table [F]906.3 (1) Portable Fire Extinguisher distribution

Maximum floor area coverage shall not exceed 11,250 SF
 Maximum travel distance shall not exceed 75 feet

VEBC 701.2 Work Undertaken in Connection With a Change of Occupancy

Any repairs, alterations, or additions undertaken in connection with a change of occupancy shall conform to the applicable requirements for the work as classified in this code and as modified by this chapter.

VEBC 703.1 Interior Finish

In areas of the building undergoing a change of occupancy classification, the interior finish of walls and ceilings shall comply with the requirements of the VCC for the new occupancy classification.

VEBC 703.2 Enclosure of Vertical Openings

When a change of occupancy classification is made to a higher hazard category as shown in Table 705.2, protection of existing vertical openings shall be in accordance with Sections 703.2.1 through 703.2.3.

VEBC 703.2.1 Stairways

Interior stairways shall be protected as required by Section 705.1.

VEBC 704.1 Fire Protection Systems

Fire protection systems shall be provided in accordance with Sections 704.2 and 704.4.

VEBC 704.2 Fire Sprinkler System

Where a building undergoes a change of occupancy that requires an automatic fire sprinkler system to be provided based on the new occupancy in accordance with Section 903 of the VCC, such automatic fire sprinkler system shall be provided throughout the area where the change of occupancy occurs.

VEBC 704.3 Fire Alarm and Detection System

Where a building undergoes a change of occupancy that requires a fire alarm and detection system to be provided based on the new occupancy in accordance with Section 907 of the VCC, such fire alarm and detection system shall be provided throughout the area where the change of occupancy occurs. Existing alarm notification appliances shall be automatically activated throughout the building. Where the building is not equipped with a fire alarm system, alarm notification appliances shall be provided throughout the area where the change of occupancy occurs in accordance with Section 907 of the VCC as required for new construction.

VEBC 705.2 Hazard Categories for Egress [Change of Occupancy]

Existing building Occupancy Classification: A, E, I-1, M, R-1, R-2, R-4; Hazard Category: 3
 Existing building Occupancy Classification: B, F-1, R-3, S-1; Hazard Category: 4
 Change of Occupancy Classification: B, F-1, R-3, S-1; Hazard Category: 4
 Change of Occupancy Classification: F-2, S-2, U; Hazard Category: 5 (lowest)
 Change is to an equal hazard category
 Change is to a lower hazard category

VEBC 705.4 Means of Egress for an Equal or Lower Hazard Category [Change of Occupancy]

When a change of occupancy classification is made to an equal or lesser hazard category (higher number) as shown in Table 705.2 or a change of occupancy without a change of classification is made, the means of egress shall be deemed acceptable provided the means of egress serving the area of the change of occupancy meets the egress capacity and occupant load based means of egress provisions in Chapter 10 of the VCC for the new occupancy.

VEBC 706.2 Hazard Categories for Height and Area [Change of Occupancy]

Existing building Occupancy Classification: A-1, A-2, A-3, A-4, I, R-1, R-2, R-4; Hazard Category: 2
 Existing building Occupancy Classification: B, F-2, S-2, A-5, R-3, U; Hazard Category: 4 (lowest)
 Change of Occupancy Classification: E, F-1, S-1, M; Hazard Category: 3
 Change of Occupancy Classification: B, F-2, S-2, A-5, R-3, U; Hazard Category: 4 (lowest)
 Change is to a lower hazard category

VEBC 706.4 Height and Area for Change to Equal or Lesser Hazard Category [Change of Occupancy]

When a change of occupancy classification is made to an equal or lesser hazard category as shown in Table 706.2, the height and area of the existing building shall be deemed acceptable.

VEBC 707.1 Hazard Categories for Exterior Wall Fire-Resistance Rating [Change of Occupancy]

Existing building Occupancy Classification: A, B, E, I, R; Hazard Category: 3
 Change of Occupancy Classification: F-1, M, S-1; Hazard Category: 2
 Change of Occupancy Classification: F-2, S-2, U; Hazard Category: 4 (lowest)
 Change is to a higher hazard category

VEBC 707.2 Exterior Wall Rating for Change for a Higher Hazard Category [Change of Occupancy]

When a change of occupancy classification is made to a higher hazard category as shown in Table 707.1, exterior walls shall have fire resistance and exterior opening protectives as required by the VCC.

VEBC 708.1 Electrical Requirements for Special Occupancies

Where a building undergoes a change of occupancy to one of the following special occupancies as described in NFPA 70, the electrical wiring and equipment of the building that contains the proposed occupancy shall comply with the applicable requirements of NFPA 70: Hazardous locations, Commercial garages, repair, and storage, Aircraft hangars, Gasoline dispensing and service stations, Bulk storage plants, Spray application, dipping, and coating processes, Health care facilities, Places of assembly, Theaters, audience areas of motion picture and television studios, and similar locations, Motion picture and television studios and similar locations, Motion picture projectors, and Agricultural buildings.

VEBC 708.3 Number of Electrical Outlets

Where a building undergoes a change of occupancy, the number of electrical outlets shall comply with NFPA 70 for the new occupancy.

VEBC 708.4 Lighting

Lighting shall comply with the requirements of the VCC for the new occupancy.

VEBC 710.1 Plumbing Increased Demand

Where a building or portion thereof undergoes a change of occupancy such that the new occupancy is subject to increased or different plumbing fixture requirements or to increased water supply requirements in accordance with the International Plumbing Code, the new occupancy shall comply with the respective International Plumbing Code provisions.
 Exception: In other than Group R or I occupancies or child care facilities classified as group E, where the occupant load is increased by 20 percent or less in the area where the change of occupancy occurs, additional plumbing fixtures required based on the increased occupant load in quantities specified in the International Plumbing Code are not required.

VEBC 712.1 Assessibility

Existing buildings that undergo a change of occupancy classification shall comply with Section 402.

VEBC 404.3 Alterations Affecting an Area Containing a Primary Function

Where an alteration affects the accessibility to, or contains an area of primary function, the route to the primary function area shall be accessible. The accessible route to the primary function area shall include toilet facilities and drinking fountains that shall also be accessible to and useable by individuals with disabilities, serving the area of primary function.

VEBC 404.4.1 Entrances

Where an alteration includes alterations to an entrance, and the facility has an accessible entrance on an accessible route, the altered entrance is not required to be accessible unless required by Section 404.3. Signs complying with Section 1111 of the VCC shall be provided.

VEBC 404.4.1.1 Exception: Where an alteration includes alterations to an entrance, and the facility has an accessible entrance, the altered entrance is not required to be accessible, unless required by Section 404.3. Signs complying with Section 1111 of the VCC shall be provided.

VEBC 404.4.1.2 Thresholds

The maximum height of thresholds at doorways shall be 3/4 inch (19.1 mm). Such thresholds shall have beveled edges on each side.

VEBC 501.2 Conformance

The work shall not make the building less conforming than it was before the repair was undertaken. Repairs shall be done in a manner that maintains the following:
 1. Level of fire protection that is existing.
 2. Level of protection that is existing for the means of egress.
 3. Level of accessibility that is existing.

VEBC 601.1 ALTERATIONS General

Except as modified in Chapter 9 or this chapter, alterations to any building or structure shall comply with the requirements of the VCC for new construction. Alterations shall be such that the existing building or structure is no less conforming to the provisions of the VCC than the existing building or structure was prior to the alteration. Portions of the building or structure not being altered shall not be required to comply with the requirements of the VCC.

VEBC 601.3 Exception 4: Alterations complying with the requirements of the building code under which the building or structure or the affected portions thereof was built, or as previously approved by the building official, shall be considered in compliance with the provisions of this code. New structural members added as part of the alteration shall comply with the VCC. Alterations of existing buildings in flood hazard areas shall comply with Section 601.3.

VEBC 601.2 Levels of Alterations

Level 1 alterations include the removal and replacement or the covering of existing materials, elements, equipment, or fixtures using new materials, elements, equipment, or fixtures that serve the same purpose, or the removal without replacement of materials, elements, equipment, or fixtures. Level 1 alterations shall comply with the applicable provisions of Section 602.

VEBC 602.2 Level 2 Alterations Conformance

Level 2 alterations shall comply with the applicable provisions of Sections 602 and 603 and shall include the following:
 1. The addition or elimination of any door or window.
 2. The addition or elimination of any wall, floor, or ceiling assembly.
 3. The reconfiguration or extension of any system.
 4. The installation of any addition, equipment, materials, elements or fixtures.

VEBC 601.4 Energy Conservation

Except as modified by this section, alterations to an existing building, building system, or structure shall conform to the applicable provisions of the Virginia Energy Conservation Code or Virginia Residential Code as they relate to new construction without requiring the unaltered portions of the existing building, building system or structure to comply with the VECC or VRC.

VEBC 602.2 Level 1 Alterations Conformance

Alterations shall be done in a manner that maintains the following:
 1. Level of fire protection that is existing.
 2. Level of protection that is existing for the means of egress. Directional signs shall be provided.

VEBC 602.3 Building Elements and Materials

Building elements and materials shall comply with the applicable provisions of Sections 302 and 602.3.1 through 602.3.3.

VEBC 602.3.1 Interior Finishes and Trim

All newly installed interior finish and trim materials and wall, floor and ceiling finishes shall comply with Chapter 8 of the VCC.

VEBC 602.3.2 Materials and Methods

All new building elements and materials shall comply with the materials and methods requirements in the VCC, International Energy Conservation Code, International Mechanical Code and International Plumbing Code, as applicable, that specify material standards, detail of installation and connection, joints, penetrations and continuity of any element, component or system in the building.

VEBC 603.1 - 603.2 Level 2 Alterations

Level 2 alterations as described in Section 601.2.2 shall comply with the requirements of this section and section 602.

VEBC 603.3 Level 2 Alterations Compliance

All new construction elements, components, systems, and spaces shall comply with the requirements of the VCC.

ADMINISTRATION

Applicable Codes, Standards, and/or References	Year
Virginia Existing Building Code (Virginia Uniform Statewide Building Code, Part I)	2018
Virginia Construction Code (VCC)	2018
Virginia Statewide Fire Prevention Code (VSFFPC)	2018
Virginia Plumbing Code (VPC)	2018
Virginia Mechanical Code (VMC)	2018
Virginia Fuel Gas Code (VFGC)	2018
Virginia Energy Conservation Code (VECC)	2018
NFPA 70, National Electrical Code (NEC)	2017
ADA Standards for Accessible Design	2010

Refer to other Contract Documents (disciplines) and Specifications for additional code summary information not included in this Code Summary (generally related to IBC Chapters 13 through 33).

EXISTING BUILDING INFORMATION

ORIGINAL BUILDING PERMITTED UNDER BOCA 1996
 CONSTRUCTION TYPE: 2C, NON-COMBUSTIBLE
 USE GROUP: ASSEMBLY A-3 NON SEPARATED USE BUSINESS B (WORK AREA LEVEL 2 ALTERATIONS IN BUSINESS OCCUPANCY)
 OVERALL BUILDING MAIN FLOOR 24,892 SF
 UPPER FLOOR: 1017 SF
 BUILDING HEIGHT 26'-6" +/-
 PROTECTED: FULLY SPRINKLERED

CONSTRUCTION TYPE: BUILDING #1	IIB
BUILDING ELEMENT	REQUIRED RATING
PRIMARY STRUCTURAL FRAME	0 HRS
EXTERIOR BEARING WALLS	0 HRS
INTERIOR BEARING WALLS	0 HRS
EXTERIOR NONBEARING WALLS AND PARTITIONS	0 HRS
INTERIOR NONBEARING WALLS AND PARTITIONS	0 HRS
FLOOR CONSTRUCTION & SECONDARY MEMBERS	0 HRS
ROOF CONSTRUCTION & SECONDARY MEMBERS	0 HRS
FIRE BARRIERS	1 HR

FACILITY GROSS SF AREA

BUILDING	STORY LEVEL 1 (SF)	STORY LEVEL 2 (SF)	TOTAL AREA
1	24,892	1,017	25,909
TOTAL AREA	24,892	1,017	25,909

SCOPE OF WORK

THIS PROJECT CONSISTS OF INTERIOR RENOVATION OF AN EXISTING BUSINESS USE SPACE AND CONVERSION TO A POTTERY STUDIO, TEXTILE STUDIO AND PRINTMAKING STUDIO. THE USE OF THE SPACES CHANGES FROM A (BUSINESS OCCUPANCY TO (F-1) AND (F-3) USE AS SHOWN ON THE LS SHEETS. THERE IS NO CHANGE TO THE EXISTING EGRESS PATTERN.
 THE LEVEL 2 ALTERATIONS CONSISTING OF MODIFICATIONS TO WALLS AND DOORS, RECONFIGURING THE MECHANICAL AND ELECTRICAL SYSTEMS AND NEW EQUIPMENT AND FIXTURES. THESE MODIFICATIONS ARE LIMITED TO THE WORK AREA SHOWN. THE REMAINDER OF THE BUILDING SHALL BE EXISTING TO REMAIN.

GENERAL PROVISIONS AND SPECIAL DETAILED REQUIREMENTS

301.2 Occupancy and Use

When determining the appropriate application of the referenced sections of this code, the occupancy and use of a building shall be determined in accordance with Chapter 3 of the VCC.

302.1 New and Replacement Materials

Except as otherwise required or permitted by this code, materials permitted by the applicable code for new construction shall be used. Like materials shall be permitted for repairs and alterations, provided no hazard to life, health or property is created. Hazardous materials shall not be used where the VCC would not permit their use in buildings or structures of similar occupancy, purpose and location

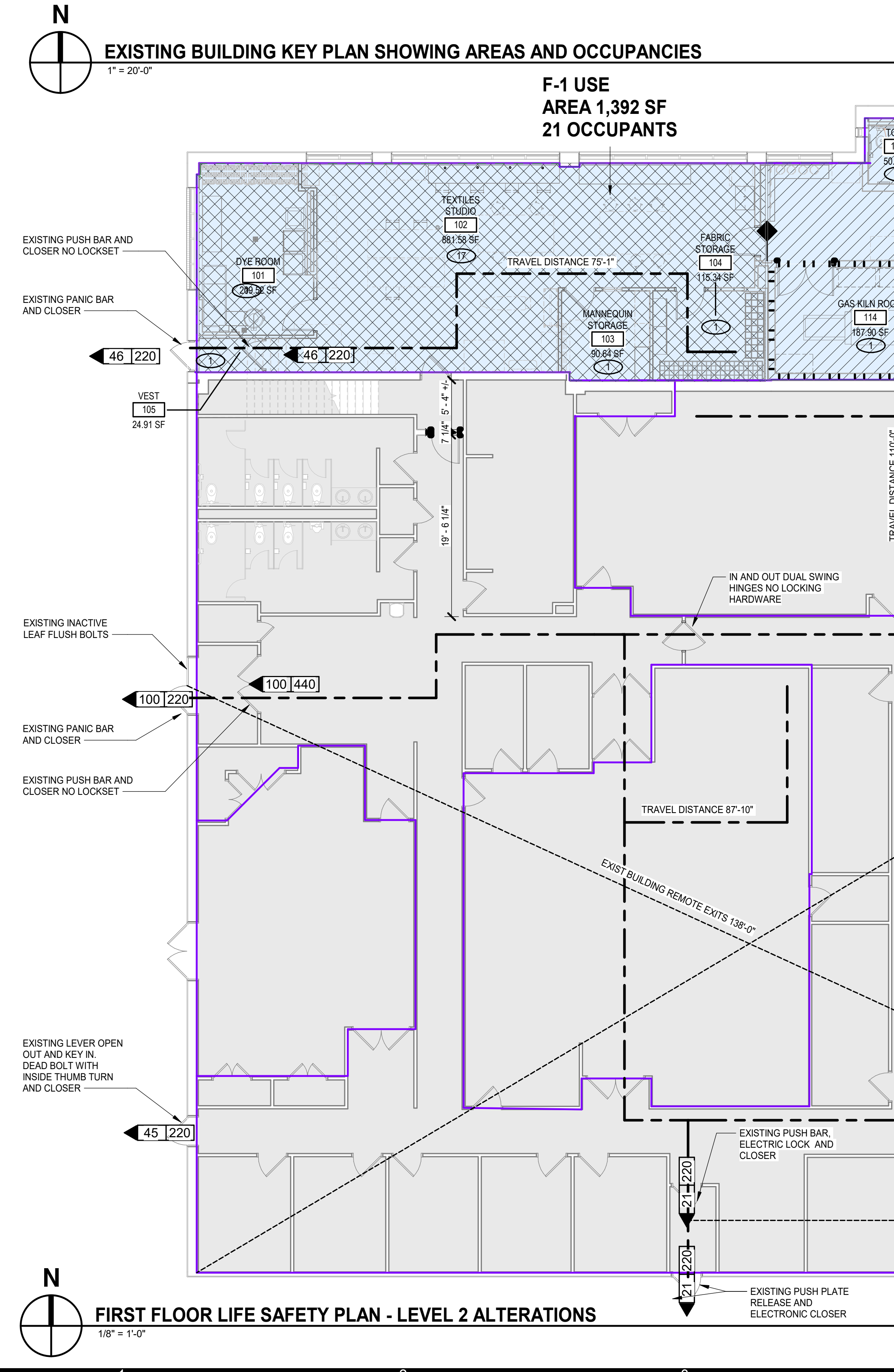
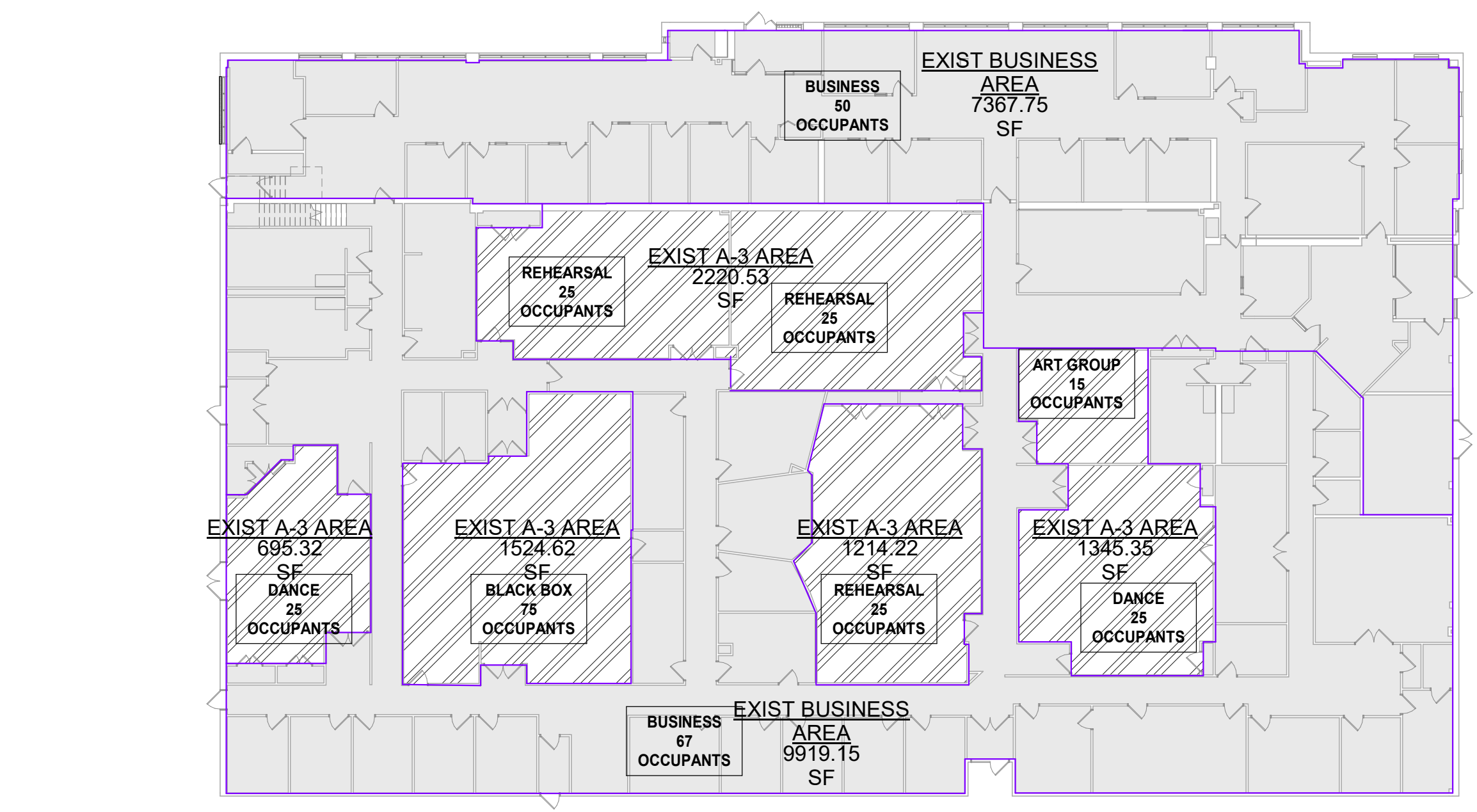
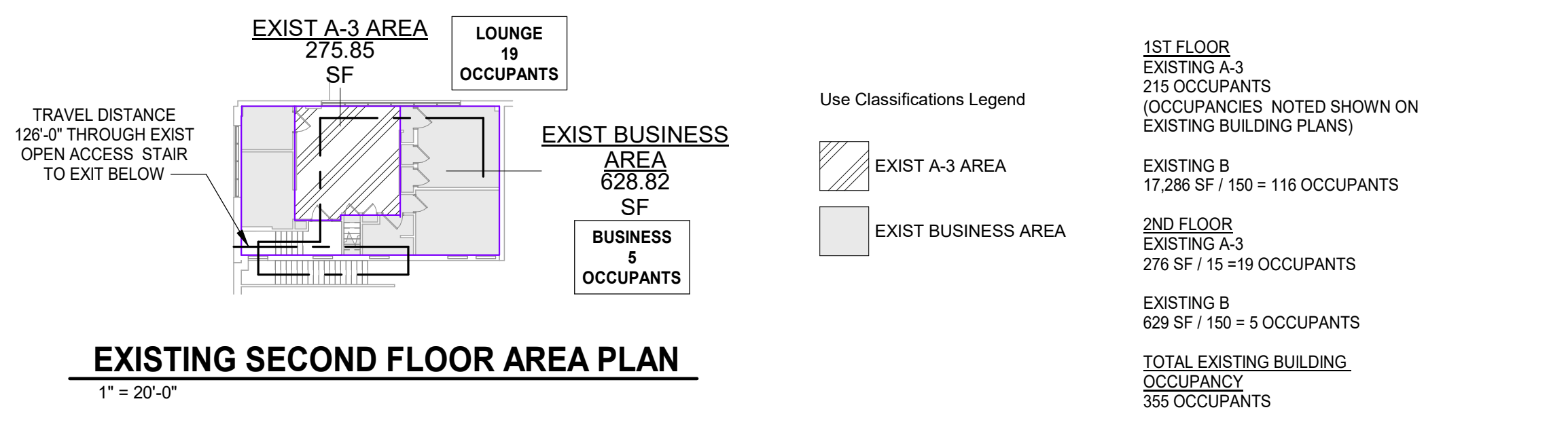
404.1 Accessibility Alterations General

Alterations shall not reduce or have the effect of reducing accessibility of a facility or portion of a facility.

404.2 Alterations

A facility that is altered shall comply with the applicable provisions in this section and Chapter 11 of the VCC, except as modified by Sections 404.3 and 404.4, unless technically infeasible. Where compliance with this section is technical infeasible, the alteration shall provide access to the maximum extent technically feasible.

PROJECT NO: 624801	DATE: DECEMBER 15, 2023
REVISIONS	
DATE	DESCRIPTION
09/01/23	PERMIT SET
12/15/23	BID SET



BUILDING - 1 DATA

CONSTRUCTION TYPE:	IIB	
FULLY SPRINKLED:	Yes; Allowable Area Factor "SM" per Table 506.2	
MIXED OCCUPANCY:	Yes	
NON-SEPARATED MIXED USE:	Yes	DESIGN OCCUPANCY CLASSIFICATION: A-3, Assembly
SEPARATED MIXED USE:	No	

Used most restrictive category for calculations A-3, B, F-1 and F-2

BUILDING HEIGHT IN FEET - TABULAR (TABLE 504.3)	BUILDING HEIGHT IN FEET (ACTUAL)	BUILDING HEIGHT NOT GREATER THAN ALLOWABLE	ALLOWABLE STORIES - TABULAR (TABLE 504.4)	STORIES ABOVE GRADE (ACTUAL)	BUILDING HEIGHT NOT GREATER THAN ALLOWABLE
75	31	YES	3	2	YES

STORY LEVEL	AREA IN SQUARE FEET - TABULAR (TABLE 506.2)	FRONTAGE INCREASE (SF)	ALLOWABLE AREA PER STORY (SF)	BUILDING AREA PER STORY (ACTUAL SF)	ALLOWABLE LARGER THAN ACTUAL
STORY 1	28,500	0	28,500	24,287	YES
STORY 2	28,500	0	28,500	876	YES
TOTAL BUILDING AREA			57,000	25,163	YES

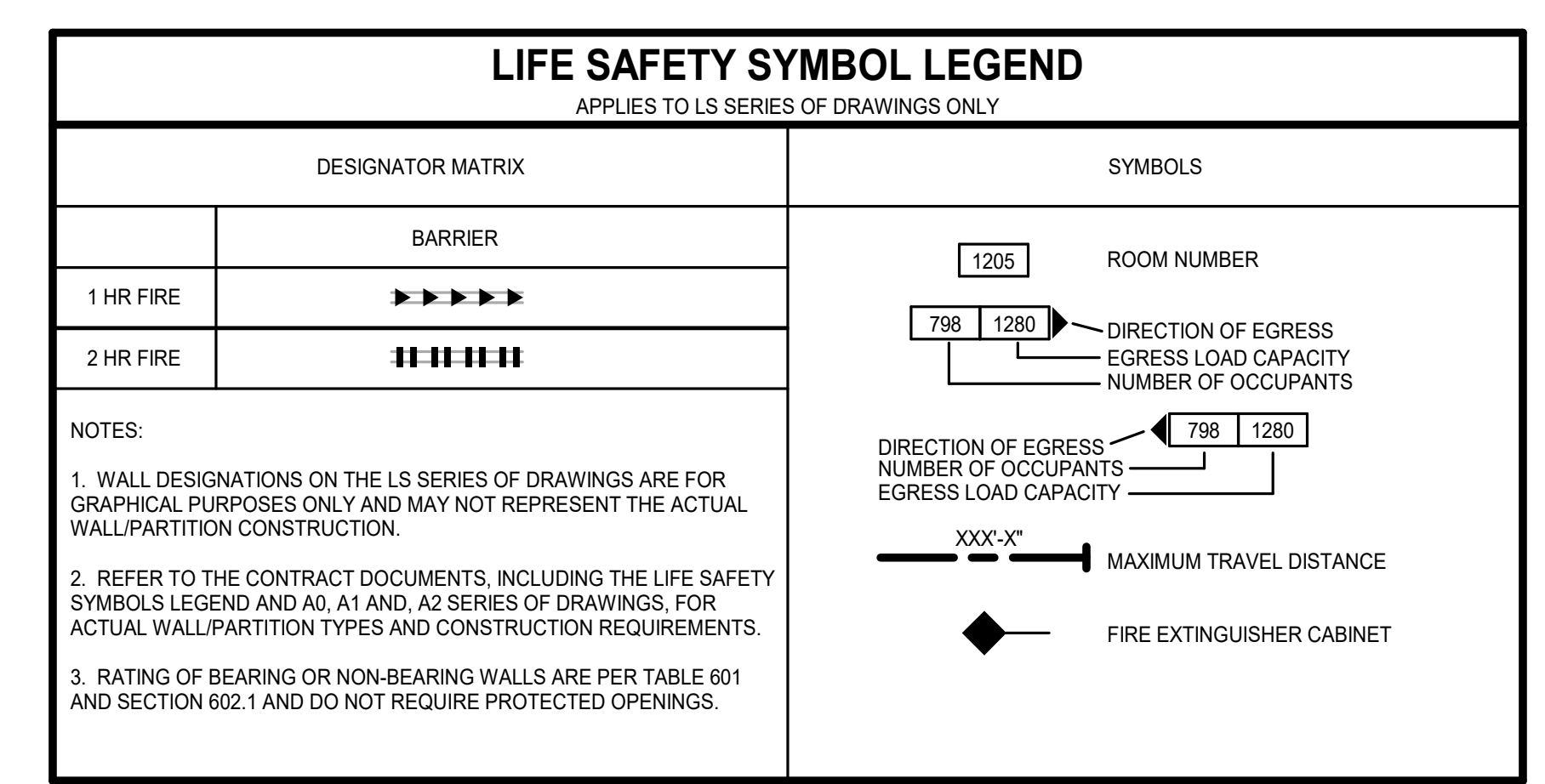
TOTAL BUILDING AREA DETERMINATION: Two-Story; Allowable times 2

FIRE RATED ASSEMBLIES

REPRESENTED BY Xn

THE ASSEMBLIES REFERENCED ARE BASIS OF DESIGN. EQUIVALENT COMPATIBLE TESTED ASSEMBLIES WILL BE ACCEPTABLE IF APPROVED BY THE LAHJ

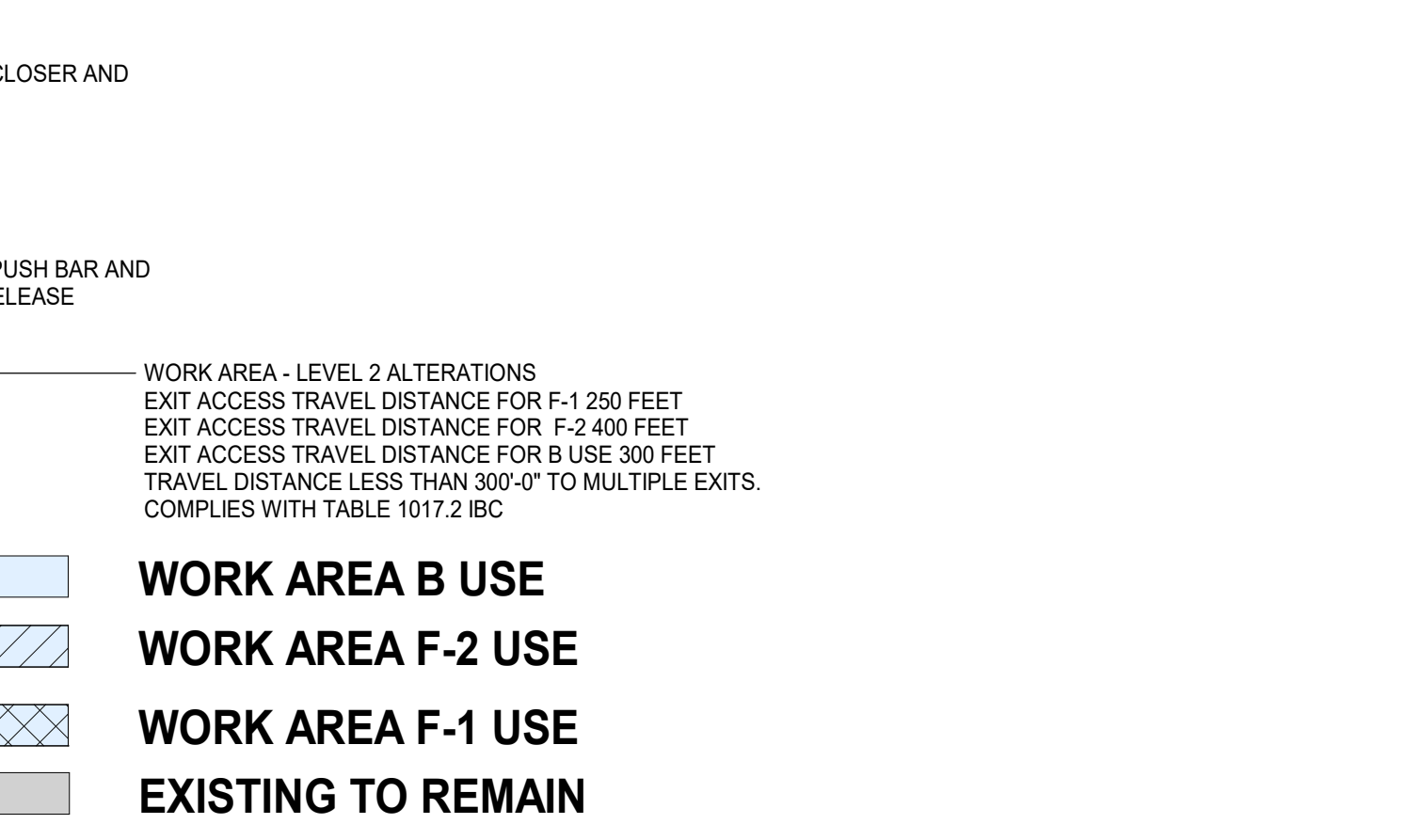
MARK	FIRE RATING	APPLIES TO	REFERENCE	REMARKS
X1	1 HR OR 2 HR	PARTITIONS	UL U419	-



FACILITY OCCUPANT LOAD

BUILDING	OCCUPANCY	OCCUPANT LOAD PER OCCUPANCY		
		STORY 1	STORY 2	TOTAL
	A-3	215	19	234
	B	76	5	81
	F-1	42	---	42
	F-2	48	---	48
	BUILDING TOTAL	381	24	405
	NUMBER OF EXITS		1	

NEW BUSINESS USE, F-1 AND F-2 USE NON SEPARATED - REFER TO CHART ON SHEET LS1.2 FOR OCCUPANCY SCHEDULE
 EXISTING BUILDING OCCUPANCY NOT RENOVATED = 305 OCCUPANTS
 RENOVATED WORK AREA = 105 OCCUPANTS
 OVERALL BUILDING OCCUPANT LOAD = 405
 EXISTING OCCUPANT LOAD = 355
 INCREASED BY 50 OCCUPANTS OVERALL.
 50 / 355 = 14% INCREASE
 OCCUPANCY INCREASE LESS THAN 20%



WORK AREA - LEVEL 2 ALTERATIONS
 EXIT ACCESS TRAVEL DISTANCE FOR F-1 250 FEET
 EXIT ACCESS TRAVEL DISTANCE FOR F-2 400 FEET
 EXIT ACCESS TRAVEL DISTANCE FOR B USE 300 FEET
 TRAVEL DISTANCE LESS THAN 300'-0" TO MULTIPLE EXITS.
 COMPLIES WITH TABLE 1017.2 IBC

EXISTING BUILDING EXIT ACCESS TRAVEL DISTANCE LESS THAN 300'-0" TO MULTIPLE EXITS. COMPLIES WITH TABLE 1017.2 IBC

PROJECT NO:	624801
DATE:	DECEMBER 15, 2023
REVISIONS	
DATE	DESCRIPTION
12.15.23	BID SET

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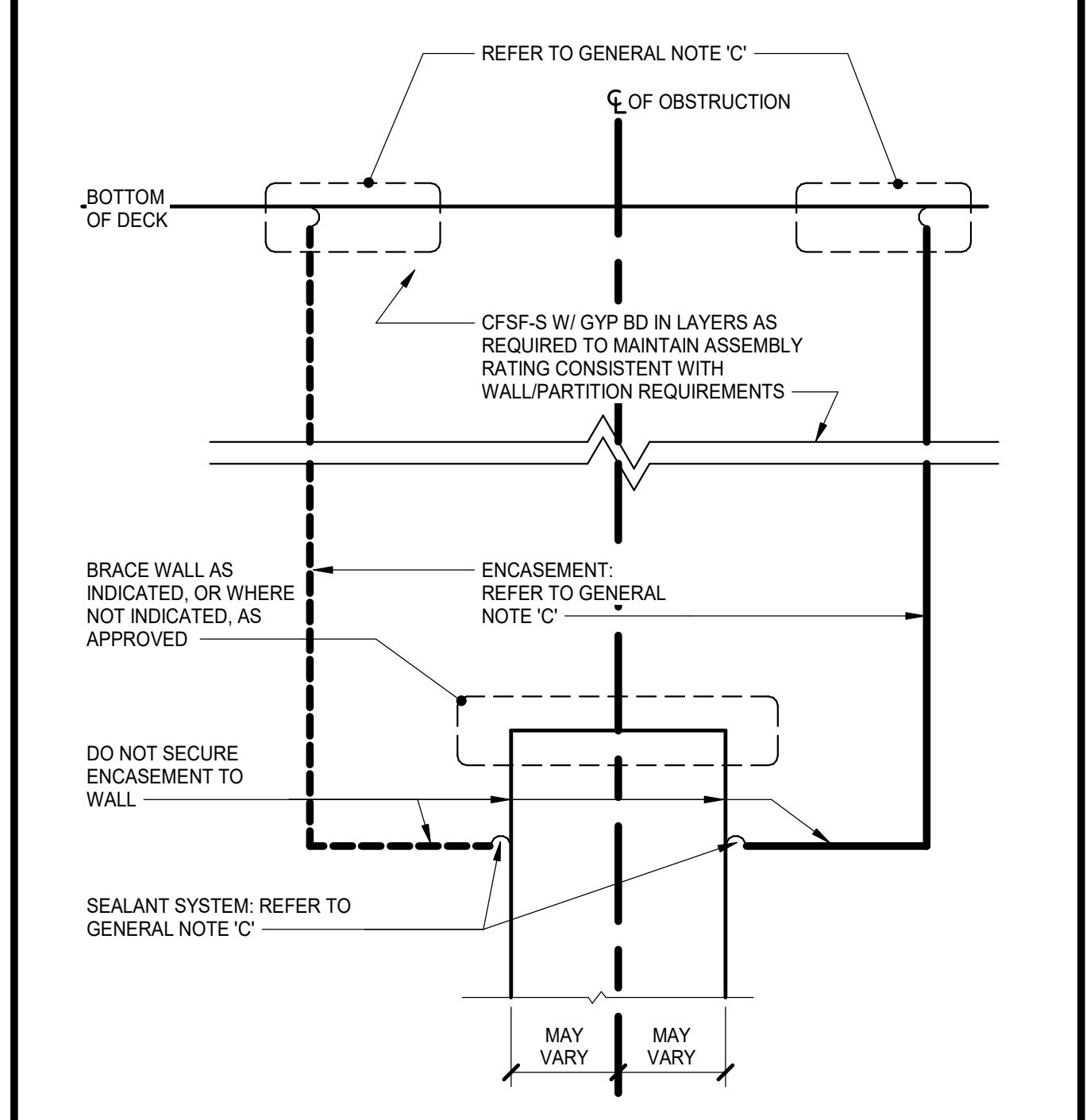
WALL/PARTITION TYPE GENERAL NOTES

- A. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR SUCH AS CERAMIC TILE DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. "APPLIED FINISHES" IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.
- B. EXTEND WALL/PARTITION ASSEMBLY COMPONENTS FULL HEIGHT OF ASSEMBLY.
- C. ALL INTERIOR CFSF PANEL PARTITIONS **P6** UNLESS INDICATED OTHERWISE.
- D. REFER TO STRUCTURAL DRAWINGS AND RELATED SPECIFICATIONS FOR SOLID MASONRY, GROUTING, AND REINFORCEMENT REQUIREMENTS INCLUDING BUT NOT BE LIMITED TO:
- MASONRY WALLS/PARTITIONS
 - LINTELS
 - LINTEL BEARING CONDITIONS
 - BOND BEAMS
 - SHELF BEARING CONDITIONS
 - STRUCTURAL REINFORCING REQUIREMENTS
 - CHANGES IN WYTHE
- E. THE TERMS "WALL" AND "PARTITION" MAY BE USED INTERCHANGEABLY THROUGHOUT THE CONTRACT DOCUMENTS.
- F. EXTEND ALL FIRE, SMOKE, INCIDENTAL USE, AND ACOUSTICAL-RATED WALLS/PARTITIONS TO UNDERSIDE OF FLOOR DECK, ROOF DECK, STRUCTURAL ELEMENT ENCASUREMENT OR SOLID CAP ABOVE.
- SEAL AND TERMINATE IN ACCORDANCE WITH JOINT SYSTEM TESTED ASSEMBLIES FOR RESPECTIVE TYPE OF WALLS/PARTITIONS.
- H. PARTITIONS THAT DO NOT EXTEND TO UNDERSIDE OF DECK OR CAP ABOVE:
- EXTEND 4 INCHES MINIMUM ABOVE HIGHEST ADJACENT FINISH CEILING UNLESS INDICATED OTHERWISE.
- I. DO NOT CONNECT TIES, ANCHORS, OR REINFORCING TO SINGLE CANTILEVERED FIRE WALL OR BETWEEN DOUBLE FIRE WALLS.
- J. SEAL AROUND ALL PENETRATIONS.
- K. COMPLY WITH TERMINATION, WALL JOINT, AND MISCELLANEOUS DETAILS FOR THOSE CONDITIONS WHERE APPLICABLE. COMPLY WITH REFERENCED STANDARDS WHERE DETAILS ARE NOT IDENTIFIED IN THE DRAWINGS.
- L. WALL/PARTITION TYPES DO NOT ADDRESS WALL FINISHES. REFER TO FINISH SCHEDULE.
- M. FINISHED SPACES: PROVIDE CHASES AROUND ALL EXPOSED VERTICAL COMPONENTS, INCLUDING BUT NOT LIMITED TO: DUCTWORK, PIPING, AND CONDUIT, UNLESS COMPONENTS ARE SPECIFICALLY INDICATED TO REMAIN EXPOSED. IF NOT OTHERWISE INDICATED, PROVIDE **P2** CHASE CONSTRUCTION.
- HOLD CHASES TIGHT TO COMPONENTS ALLOWING FOR ACCESS, INSULATION, AND TOLERANCES.
 - EXTEND CHASES FROM FLOOR TO 4 INCHES MINIMUM ABOVE FINISH CEILING OR IF NO CEILING IS INDICATED, EXTEND CHASES TO UNDERSIDE OF FLOOR DECK, ROOF DECK, OR SOLID CAP ABOVE AND TERMINATE ACCORDINGLY.
- N. PROVIDE BACKER BOARD/UNIT OF SAME THICKNESS INDICATED IN LIEU OF GYPSUM BOARD PANEL AT PORTIONS OF WALLS/PARTITIONS TO RECEIVE TILE.

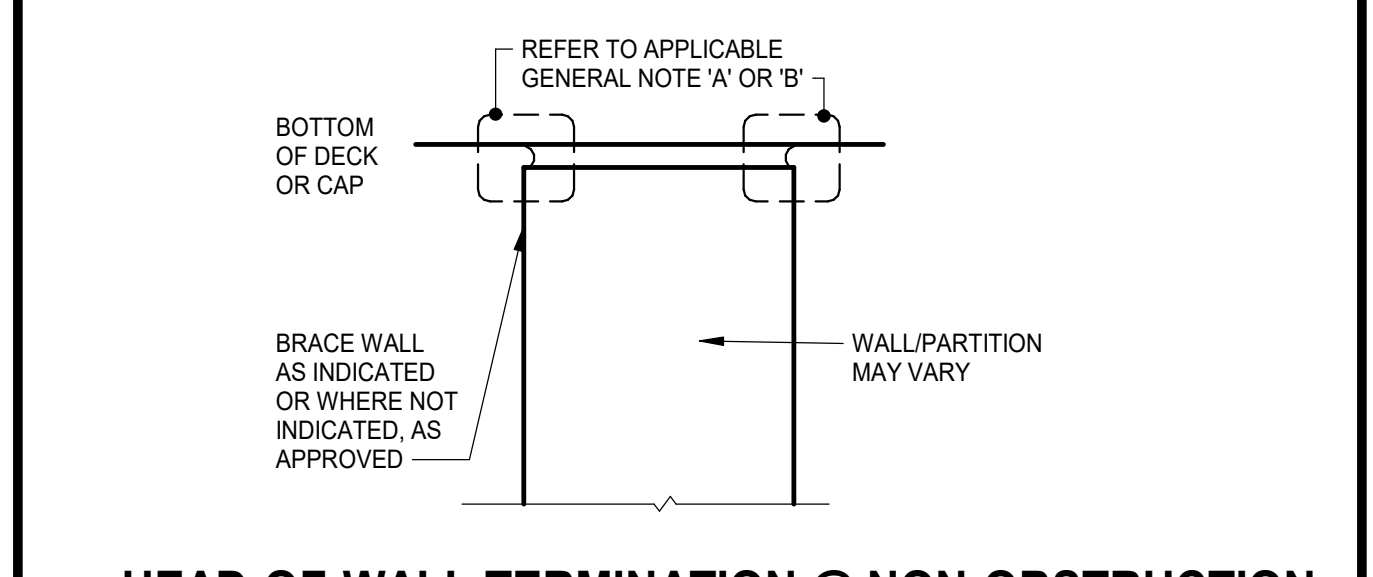
TERMINATION GENERAL NOTES

- A. AT FIRE, SMOKE, AND ACOUSTICALLY RATED WALLS: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G. CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES), OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS. BRACE WALL AS INDICATED OR REQUIRED.
- B. AT ALL OTHER WALLS INDICATED TO EXTEND TO UNDERSIDE OF FLOOR/ROOF DECK/CAP: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G. CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES), OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES). BRACE WALL AS INDICATED OR REQUIRED.
- C. AT ALL WALLS PREVENTED FROM TERMINATING AT THE UNDERSIDE OF FLOOR/ROOF DECK BY OBSTRUCTIONS, COMPLY WITH THE FOLLOWING:
- AT FIRE, SMOKE, AND ACOUSTICALLY-RATED WALLS: ENCASE OBSTRUCTION(S) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.
 - AT SECURITY WALLS: TERMINATE IN ACCORDANCE WITH SECURITY PARTITION REQUIREMENTS.
 - AT OTHER WALLS: ENCASE OBSTRUCTION(S) ON ONE SIDE.
 - SEAL ENCASUREMENT TO WALL AND SEAL ENCASUREMENT TO DECK IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.

TERMINATIONS



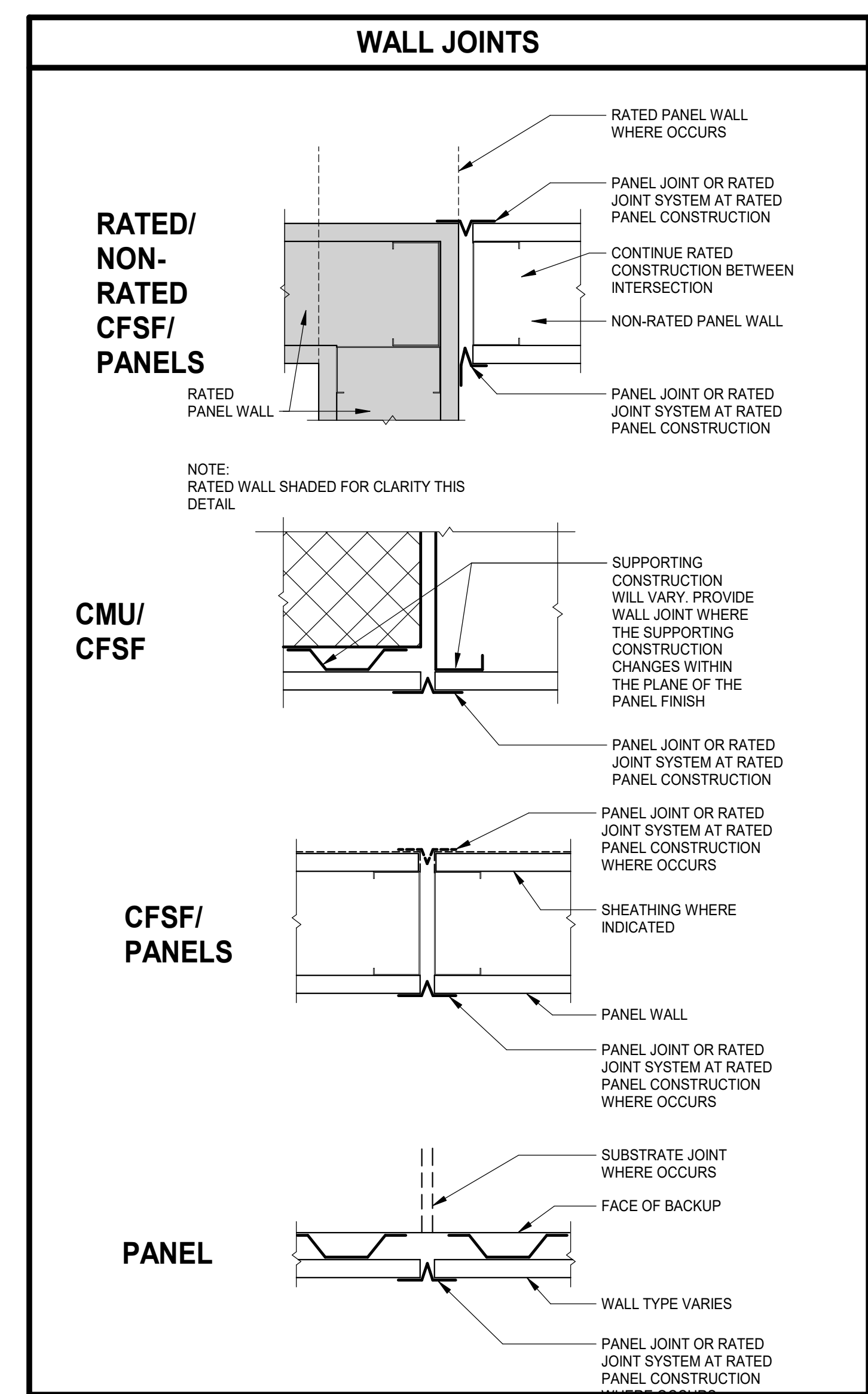
HEAD-OF-WALL TERMINATION @ OBSTRUCTION
OBSTRUCTION MAY VARY (BEAM, JOIST, GIRDER, CHANNEL, DUCTWORK, PIPING)



HEAD-OF-WALL TERMINATION @ NON-OBSTRUCTION

WALL JOINT GENERAL NOTES

- A. LOCATE CONTROL JOINTS IN INTERIOR AND EXTERIOR WALLS AS INDICATED ON DRAWINGS.
- B. JOINTS ARE INDICATED THUS ON PLANS AND ELEVATIONS.
- C. WALLS AND JOINT TYPES/DETAILS ARE DIAGRAMMATIC. ADJUST JOINT TYPES/DETAILS IN ACCORDANCE WITH ACTUAL FIELD CONDITIONS.
- D. PROVIDE TESTED JOINT ASSEMBLIES AT FIRE, SMOKE, AND ACOUSTICAL-RATED WALLS.
- E. WHEN USED HEREIN "RATED" MEANS: FIRE, SMOKE, AND/OR ACOUSTICAL.
- F. REFER TO SPECIFICATIONS FOR ADDITIONAL WALL JOINT REQUIREMENTS.


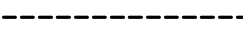
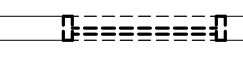
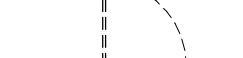
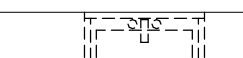
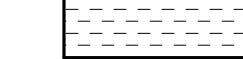
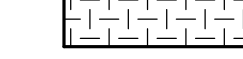




PANEL WALL/PARTITION TYPES			
Xmm →			
MARK	FIRE RATED ASSEMBLY (REFER TO LS 1.1 FOR LEGEND)	REMARKS	INFORMATION
P1	--	IMPACT RESISTANT GB TO 8'-0" AFF	
P2	--	IMPACT RESISTANT GB TO 8'-0" AFF	
P3	--	IMPACT RESISTANT GB TO 8'-0" AFF	
P4	--	IMPACT RESISTANT GB TO 8'-0" AFF	
P5	--	IMPACT RESISTANT GB TO 8'-0" AFF	
P5-1		1HR IMPACT RESISTANT GB TO 8'-0" AFF	
P5-2		2HR IMPACT RESISTANT GB TO 8'-0" AFF	
P6	--	IMPACT RESISTANT GB TO 8'-0" AFF	
P7	--	IMPACT RESISTANT GB TO 8'-0" AFF	

PROJECT NO:	624801
DATE:	DECEMBER 15, 2023
REVISIONS	
DATE	DESCRIPTION
12.15.23	BID SET

DEMOLITION PLAN LEGEND

APPLIES TO DRAWINGS A1.2.1 - A1.2.n

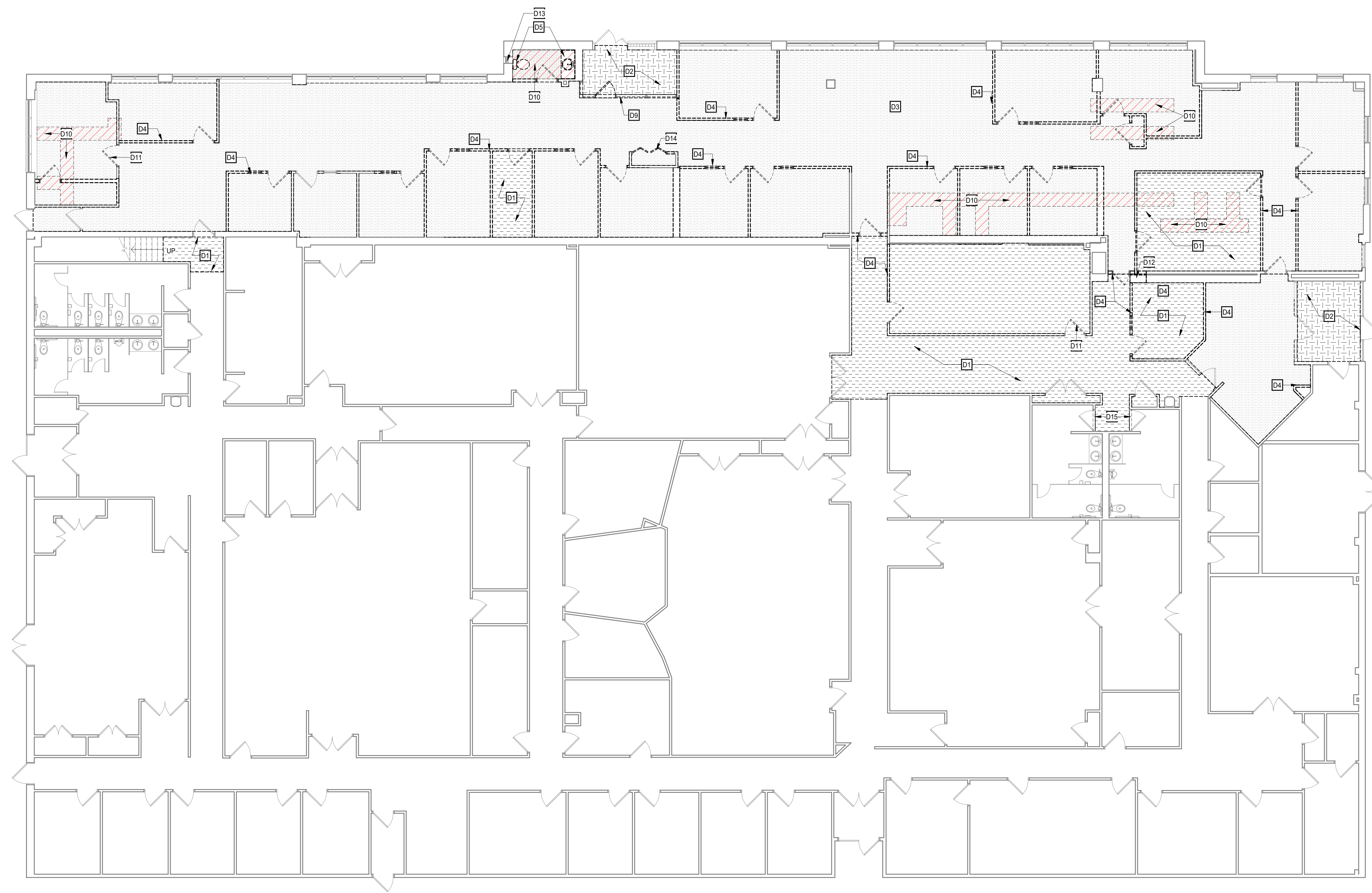
-  EXISTING PARTITION/ WALL ITEM TO REMAIN
-  REMOVE EXISTING PARTITION/WALL ITEM
-  REMOVE EXISTING WINDOW ASSEMBLY AND FRAMING, INCLUDING ANCHORS
-  REMOVE EXISTING DOOR AND FRAME ASSEMBLY INCLUDING DOOR HARDWARE, ANCHORS, AND THRESHOLD (WHERE OCCURS)
-  REMOVE EXISTING PLUMBING FIXTURE. REFER TO PLUMBING DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
-  REMOVE VCT FLOORING AND RUBBER BASE
-  REMOVE FLOOR MAT AND RUBBER BASE
-  REMOVE CARPET AND WOOD AND/OR RUBBER BASE
-  REMOVE CONCRETE REFER TO STRUCTURAL AND PLUMBING

DEMOLITION PLAN GENERAL NOTES

- A. DEMOLITION PLANS ARE PROVIDED AS AN ASSISTANCE TO CONTR BIDDING EFFORTS AND AS A GENERAL GUIDE TO THE DEMO WORK. DEMO PLANS ARE NOT INTENDED TO CONTAIN A COMPLETE DESCRIPTION OF ALL MATERIALS TO BE REMOVED. CHANGE ORDERS FOR DEMOLITION WORK (WHETHER SHOWN OR NOT) SHALL NOT BE APPROVED WHERE DEMOLITION IS REQUIRED BY THE WORK.
- B. PATCH AND REPAIR PARTITIONS, FLOORS OR CEILINGS WHERE EXISTING FINISHES ARE DISTURBED OR INTERRUPTED DUE TO REMOVAL OF EXISTING CONTIGUOUS PARTITIONS, DOORS, WINDOWS, CASEWORK OR MECHANICAL, ELECTRICAL OR PLUMBING FIXTURE OR DEVICE. TO PROVIDE A SMOOTH MONOLITHIC FINISH TO MATCH ADJACENT SURFACE. COORDINATE WITH ELECTRICAL, PLUMBING, MECHANICAL AND STRUCTURAL DRAWINGS.
- C. EXISTING CONSTRUCTION TO REMAIN SHALL BE PROTECTED FROM DAMAGE FOR DURATION OF CONSTRUCTION. CONTR SHALL REPAIR/ REMOVE EXISTING CONSTRUCTION WHICH IS DAMAGED DURING COURSE OF CONSTRUCTION, AS COMPONENT OF BASE CONTRACT.
- D. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL ON ALL SALVAGED ITEMS.
- E. "READY TO RECEIVE NEW FINISHES" SHALL REFER TO SURFACES WHICH ARE FREE OF DEFECTS, SMOOTH, FLAT SURFACES. AS A COMPONENT OF THE BASE BID, CONTRACTOR SHALL SCRAPE AND/OR LEVEL/FILL SLABS AND SURFACES WITH SELF LEVELING UNDERLAYMENT, GROUT, AND SAND / SKIM-COAT GYPSUM BD WALLS AS REQUIRED TO PRODUCE THIS RESULT.
- F. DO NOT PERFORM DEMOLITION BEYOND THE SCOPE REQUIRED BY WORK. CONTR SHALL COORDINATE SUCH EFFORTS PRIOR TO START OF CONSTRUCTION AND MAINTAIN ACTIVE COORDINATION OF DEMOLITION AND WORK DURING CONSTRUCTION.
- G. REFERENCE STRUCT, ELEC, PLUMB, AND MECH. PLANS FOR ADDITIONAL DEMOLITION INFORMATION.
- H. REFER TO DEMOLITION PLAN LEGEND FOR STANDARD INDICATIONS.
- I. SURVEY THE WORK PRIOR TO DEMOLITION ACTIVITY AND PERFORM CORRECTIVE MEASURES AS NECESSARY TO ENSURE INTEGRITY OF FIRE PROTECTION SYSTEMS.
- J. ALL EXISTING DAMAGED DRYWALL SURFACES SHALL BE REMOVED AND/OR REPAIRED TO PROVIDE SMOOTH, MONOLITHIC SURFACE READY TO RECEIVE THE REQUIRED FINISHES. JOINTS SHALL BE FINISHED SMOOTH AND FLAT.
- K. REMOVE ALL MASTICS, ADHESIVES AND GROUTS FROM ALL SUBSTRATES FOLLOWING REMOVAL OF FINISHES. CLEAN SUBSTRATE BY WHATEVER MEANS NECESSARY TO PROVIDE SMOOTH, FLAT SURFACE READY TO RECEIVE THE REQUIRED FINISHES.
- L. SALVAGE ALL EXISTING INTERIOR SIGNAGE. COORD WITH DEMO AND WORK PLANS AND BUILDING OWNER WHICH SIGNS TO REMAIN AND WHICH ONES SHALL BE RELOCATED. TAG THE BACK OF ALL REMOVED SIGNAGE W/ PRIOR LOCATION TO ASSIST W/ REINSTALLATION.
- M. AT ALL EXISTING WALLS TO RECEIVE ELECTRICAL RECEPTACLE, DEVICES, OUTLETS, CARD READERS, ETC. - CMU, GLAZED BLOCK AND GYP BD SHALL BE CUT TO ACCOMMODATE ITEM. PATCH & REPAIR WALL AS REQUIRED TO RECEIVE THE REQUIRED FINISHES. AT MASONRY - NO NEW WIRE MOLDS SHALL BE ADDED.
- N. COORDINATE EXTENT OF SELECTIVE DEMOLITION WITH THE WORK IN ALL CASES.
- O. ALL DEVICES, FIXTURES, RECEPTACLES, SWITCHES, AND CONTROLS TO REMAIN SHALL BE RESET FLUSH WITH THE REQUIRED FINISH. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND THIS PLAN. REPLACEMENT OF DEVICES AND FACEPLATES SHALL BE REQUIRED IN ALL CASES.
- P. REMOVE FLOORING. REMOVE ALL MASTICS, ADHESIVES AND GROUTS FROM CONCRETE SLAB AS NECESSARY TO PROVIDE SMOOTH, FLAT SURFACE READY TO RECEIVE THE REQUIRED FINISHES.
- Q. REMOVE ALL UNUSED SURFACE MOUNTED WIRE MOLD.

DEMOLITION KEYNOTE

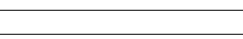
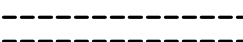
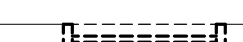
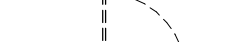


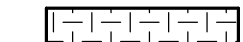


- D1 REMOVE VCT FLOORING, RUBBER BASE, MASTIC/ADHESIVES AND PREPARE SUBSTRATE TO RECEIVE NEW WORK. COORDINATE WITH FINISH SCHEDULE.
- D2 REMOVE FLOOR MAT, RUBBER BASE, MASTIC/ADHESIVES AND THRESHOLD. PREPARE SUBSTRATE TO RECEIVE NEW WORK. COORDINATE WITH FINISH SCHEDULE.
- D3 REMOVE CARPET, BASE, ADHESIVES AND FASTENING DEVICES AND PREPARE SUBSTRATE TO RECEIVE NEW WORK. COORDINATE WITH FINISH SCHEDULE.
- D4 REMOVE GYP WALL, INCLUDING ALL DOORS, WINDOWS AND FRAMES WITHIN WALL AND ALL ITEMS ATTACHED TO THE WALL TO THE EXTENTS SHOWN ON THE DRAWINGS AND PREP FOR WORK.
- D5 REMOVE ALL TOILET FIXTURES AND ACCESSORIES IN THIS TOILET ROOM
- D6 REMOVE ALL CEILING PANELS, ASSOCIATED CEILING GRID, LIGHTS, DIFFUSERS AND ANY OTHER EQUIPMENT MOUNTED TO THE PANELS AND OR GRID. COORDINATE WITH NEW WORK AND MEP DRAWINGS
- D7 REMOVE DAMAGED CEILING TILES AND PREP FOR WORK
- D8 PROVIDE OPENING FOR SOLAR VAULT IN ROOF AND DECK ABOVE. COORDINATE EXACT LOCATION WITH STRUCTURE. CENTER BETWEEN STRUCTURAL BEAMS. DEMOLISH AREA ONLY AS REQUIRED FOR INSTALLATION OF SOLAR VAULT. PATCH ROOFING AS REQUIRED FOR MAINTAINING WARRANTY.
- D9 REMOVE STOREFRONT AND ASSOCIATED FASTENERS, PATCH HOLES AND PREP FOR WORK.
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- D11 REMOVE DOOR AND FRAME PREP FOR NEW INFILL WALL.
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- D13 REMOVE FILM FROM INTERIOR PANE OF GLAZING AND PREP FOR WORK.
- D14 REMOVE DOOR, FRAME AND OPENING TO EXTENTS SHOWN PREP FOR WORK.
- D15 REMOVE MARBLE THRESHOLD



DEMOLITION FIRST FLOOR PLAN
 1/8" = 1'-0"

DEMOLITION PLAN LEGEND

APPLIES TO DRAWINGS A1.2.1 - A1.2.n

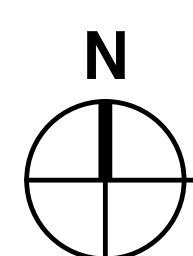
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DEMOLITION KEYNOTE

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- D5 REMOVE ALL TOILET FIXTURES AND ACCESSORIES IN THIS TOILET ROOM
- D6 REMOVE ALL CEILING PANELS, ASSOCIATED CEILING GRID, LIGHTS, DIFFUSERS AND ANY OTHER EQUIPMENT MOUNTED TO THE PANELS AND OR GRID. COORDINATE WITH NEW WORK AND MEP DRAWINGS
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- D14 REMOVE DOOR, FRAME AND OPENING TO EXTENTS SHOWN PREP FOR WORK.
- D15 REMOVE MARBLE THRESHOLD



DEMOLITION FIRST FLOOR REFLECTED CEILING PLAN

1/8" = 1'-0"

FLOOR PLAN KEYNOTES	
REPRESENTED BY [Symbol]	
APPLIES TO DRAWINGS A2.1.0 - A2.1.1	
1	CONCRETE FLOOR SLAB INFILL - REFER TO STRUCTURAL DETAIL ON SHEET S1.1
2	INFILL WALL OPENINGS WITH GYP PARTITION MATCH EXISTING THICKNESS, 2 1/2" CFS-S WITH ONE LAYER 1/2" IMPACT RESISTANT GYP EACH SIDE.
3	CONE 6 GLAZE LOCATION FOR ELECTRIC KILN GLAZES
4	CONE 10 GLAZE LOCATION FOR GAS KILN GLAZES
5	PARTITION TYPE P-7 BELOW COUNTER - REFER TO SECTION 81AB.1.2
6	SEMI-RECESSED 2 1/2" FIRE EXTINGUISHER CABINET
7	PROVIDE NAME PLATE PER VFC 2018, 3007

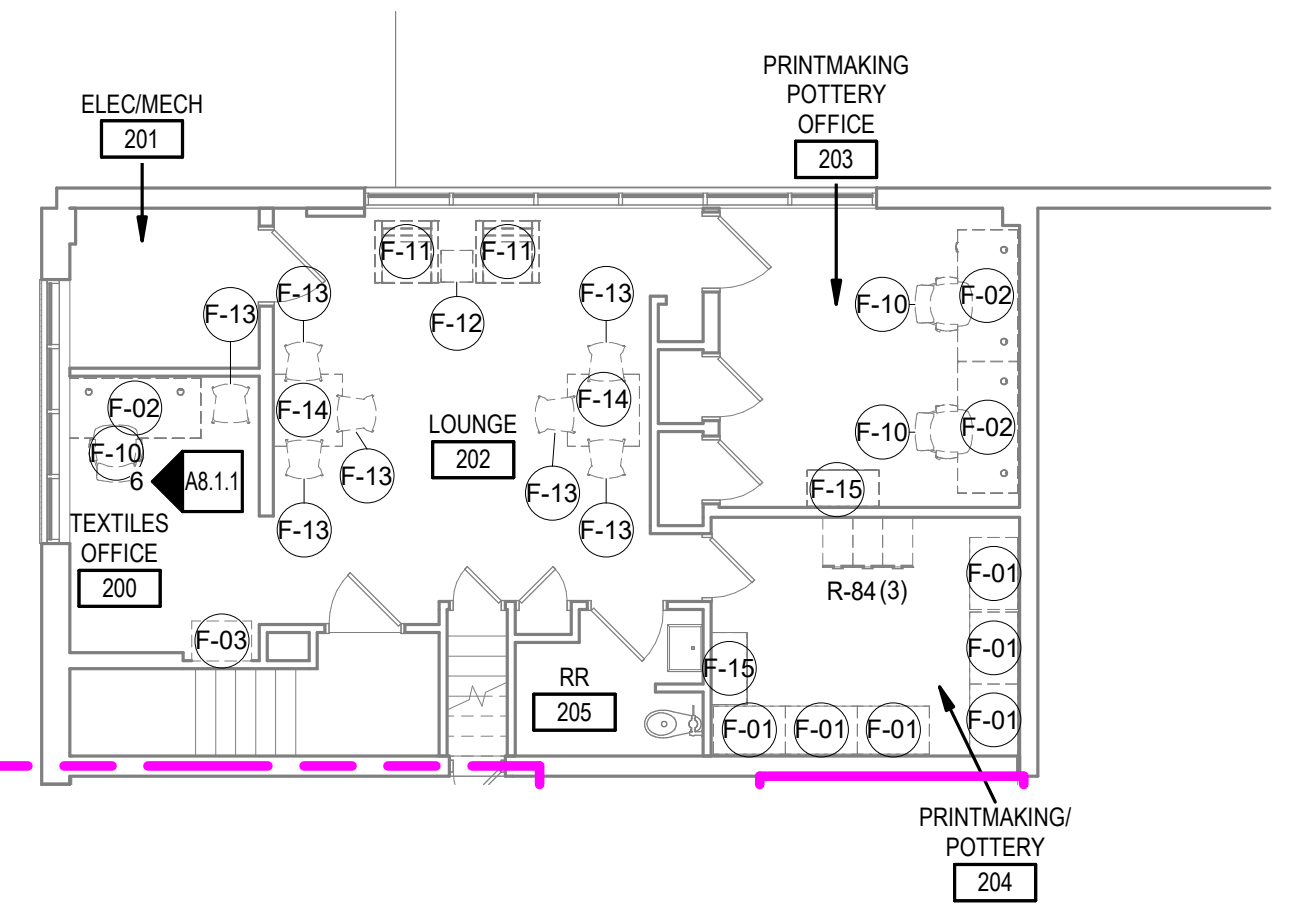
FURNITURE LEGEND (NIC)		
Type Mark	Description	Count
F-01	METAL SHELVING 36"W X 24"D X 72"H	6
F-02	Valido - Double Pedestal Desk - 66"W x 30"D x 29 1/2"H, Rectangle Top, 3/2	3
F-03	LATERAL FILE CABINET - 5 DRAWER	1
F-04	MOBILE METAL SHELVING 48"W X 24"D X 72"H	2
F-05	METAL SHELVING 36"W X 24"D X 72"H	2
F-06	METAL SHELVING 48"W X 24"D	3
F-07	COPIER	1
F-08	GLASS DISPLAY CABINET	2
F-09	GUEST CHAIR WITH ARMS	2
F-10	OFFICE CHAIR	3
F-11	LOUNGE CHAIR	2
F-12	SIDE TABLE	1
F-13	STACKING CHAIR WITHOUT ARMS	7
F-14	PEDESTAL TABLE 36"x36"x30"	2
F-15	HON - Flagship - Lateral File with Storage - Lateral Files with Open Shelves, No Doors	2
F-16	FLAT PANEL DISPLAY MONITOR AND WALL MOUNT	1
F-17	CRENDENZA 8" X 14"	1
F-18	DISPLAY TABLES	1
F-19	OPTO INTERNATIONAL DISPLAY SHELVING SYSTEM - REVEAL COLLECTION	1
F-21	POTTERY STOOL	15
F-22	TABLE HEIGHT STOOL	32
F-23	STACKING CHAIR WITHOUT ARMS - STUDIOS	18
F-24	PICNIC TABLE	1
F-25	ADA WORK TABLE W/GLASS TOP 48"x36"x30"	1
F-26	ALL FURNITURE IS OWNER FURNISHED AND INSTALLED (NIC)	

EQUIPMENT LEGEND		
Item #	Description	Count
E-01	NEWARC EXPOSURE UNIT	
E-02	5 DRAWER FLAT FILE 53 X 42 X 24	
E-03	ADA FUME HOOD W/ CEILING ENCLOSURE	
E-04	ACID STORAGE CABINET-22 GA	
E-05	POWER WASHING BOOTH	
E-06	SPRAY BOOTH	
E-07	GAS KILN	
E-08	LARGE COMMERCIAL SINK W/ NO BASE	
E-09	POTTERY WHEEL SHELF	
E-10	POTTERY WHEEL	
E-11	BLEED BOX	
E-12	AED	
E-15	LATERAL FILE - 5 DRAWER (42"W X 19 1/4"D X 67"H)	
E-16	TOP LOAD WASHER	
E-17	UTILITY SINK	
E-18	FLAMMABLE STORAGE CABINET 24 GA	
E-19	DYE VAT KETTLE	
E-20	DISPLAY CASE - DOUBLE SIDED 60" W X 79.5" H	
E-21	AIR FILTRATION SYSTEM SUSPENDED AT 7'-0" AFF	
E-22	FRONT LOAD DRYER	
E-23	FRONT LOAD WASHER	

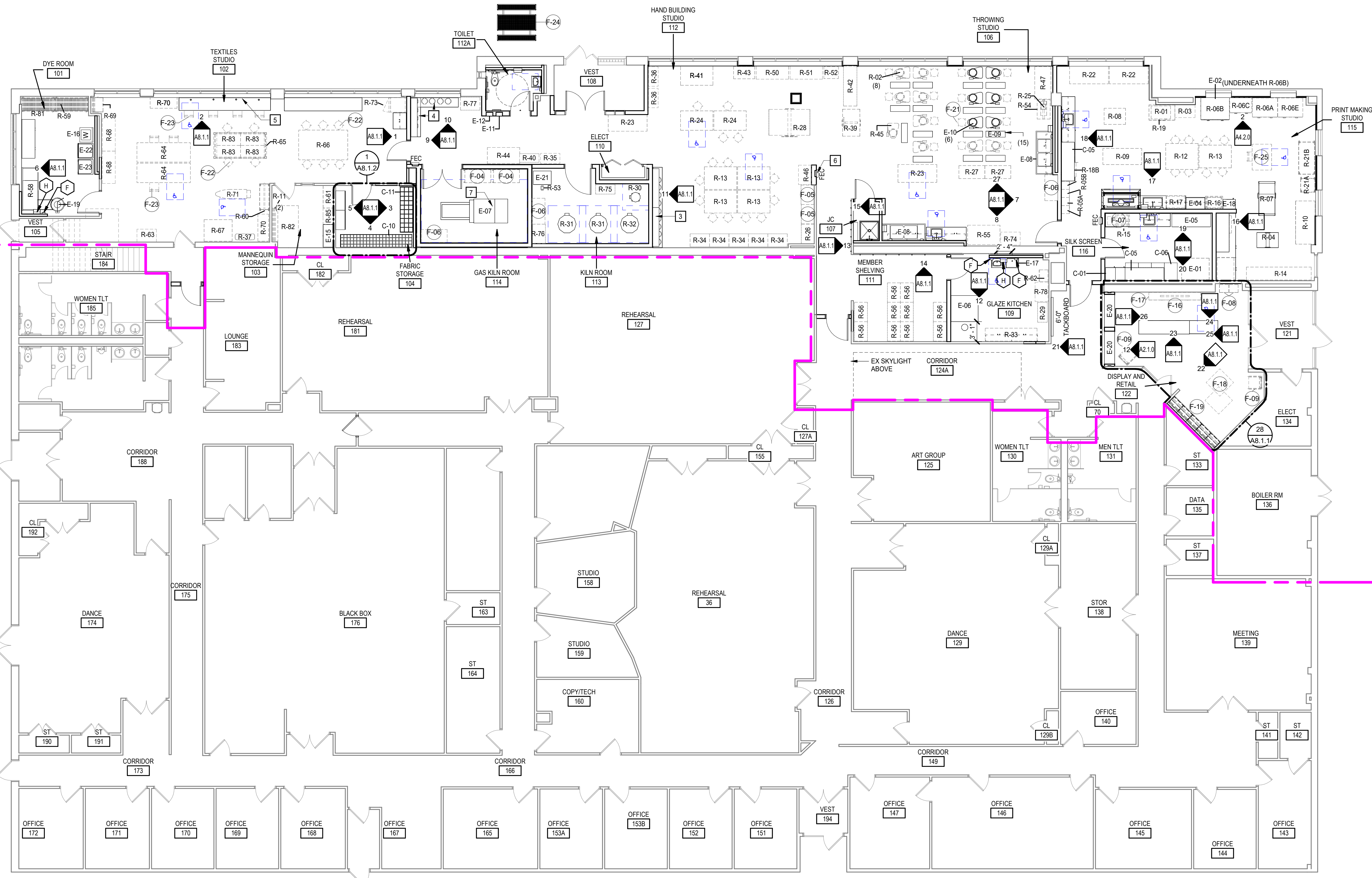
RELOCATED EQUIPMENT LEGEND (3700)			
Item #	Description	Count	Comments
R-01	HOTPLATE	1	1
R-02	POTTERY WHEEL	6	1
R-03	GRAY METAL BOOKSHELF	1	1
R-04	CHARLES BRAND PRESS	1	2
R-05A	GRAY 4-TIER LOCKER (PRINTMAKING)	3	1
R-05B	GRAY 4-TIER LOCKER (POTTERY)	1	1
R-06A	FLAT FILE 48 X 35	2	1
R-06B	FLAT FILE 53 X 41.5	1	1
R-06C	FLAT FILE 41 X 28.5	1	1
R-06D	FLAT FILE 40 X 28	2	1
R-06E	FLAT FILE 48 X 35	2	1
R-07	REBRANT PRESS	1	2
R-08	LIGHT TABLE	1	1
R-09	METAL TABLE W/ UNDER SHELVING	1	1
R-10	WOOD STORAGE CABINET W/ SHELVES & 3' D GLASS TOP	1	1
R-11	FOLDING TABLE	2	1
R-12	METAL STORAGE BASE CAB WORK TABLE W/ WOOD TOP	1	1
R-13	WORK TABLE	5	1
R-14	GRAY METAL BASE CABINETS W/ 10" W GLASS TOP	1	1
R-15	MINI REFRIGERATOR	2	1
R-16	PAPER SOAK STATION	1	1
R-17	ACID BATH	1	1
R-18A	PAPER CUTTER 25 X 32	1	1
R-18B	PAPER CUTTER 26 X 27	1	1
R-18C	PAPER CUTTER 31 X 42	1	1
R-19	GRAY METAL BASE CABINET W/ METAL TOP	1	1
R-20A	MOBILE DRYING RACK 27 X 26	1	1
R-20B	MOBILE DRYING RACK 30 X 60	1	1
R-22	36" X 84" GRAY METAL BASE TABLE & GLASS TOP	2	1
R-23	METAL FOLDING TABLE (3' X 6')	2	1
R-24	METAL GENERIC TABLE (3' X 5')	2	1
R-25	PUG MILL	1	1
R-26	METAL/WOOD 9 SHELVES - 36" W X 75" H X 24" D	1	1
R-27	GRAY METAL SHELVING (48" X 24" X 67")	2	1
R-28	SLAB ROLLER - BRENT	1	1
R-29	GRAY LOW METAL SHELVING 37" X 18"	1	1
R-30	ELECTRIC KILN - SMALL	1	3
R-31	ELECTRIC KILN - TALL	2	3
R-32	ELECTRIC KILN - WIDE	1	3
R-33	GLAZE FORMULATING TABLE	1	1
R-34	TAN METAL SHELVING (3' W X 2' D X 1' H)	6	1
R-35	BLACK METAL CABINET (3' X 18" X 6')	1	1
R-36	BROWN METAL CABINET (3' X 18" X 6')	2	1
R-37	STEAM PRESS	1	1
R-39	SLAB ROLLER - NORTHSTAR	1	1
R-40	GRAY METAL SHELVING (3' W X 2' D X 71")	1	1
R-41	WORK TABLE (60" X 36")	1	1
R-42	METAL AND WOOD SHELVING (74" W X 72" H)	1	1
R-43	PLASTER TOP TABLE (38" W X 23" D)	1	1
R-44	WORK TABLE (60" X 30")	1	1
R-45	ADA POTTERY WHEEL	1	1
R-46	DRYING CABINET W/ HEAT LAMPS	1	1
R-47	PLASTER TABLE NEXT TO PUG MILL (HAS UNDER STORAGE)	1	1
R-48	GLAZE BUCKETS (ELECTRIC)	18	1
R-49	GLAZE BUCKETS (GAS)	16	1
R-50	PLASTER TOP TABLE (WEDGING) DARK CLAY	1	1
R-51	PLASTER TOP TABLE (WEDGING) LIGHT CLAY	1	1
R-52	MOBILE PLASTER WORKSURFACE (ADA) AND TABLE BELOW	1	1
R-53	GRINDER	1	1
R-54	TABLE UNDER PUG MILL	1	1
R-55	GRAY METAL TABLE W/ ATTACHED HUTCH	1	1
R-56	GRAY METAL SHELVING (3' X 2' X 6')	10	1
R-58	STEEL SINK AND DYE VAT	1	3
R-59	MOBILE METAL STORAGE RACK (5'-0" X 6'-4")	1	1
R-60	MOBILE HANGING RACK POLE	1	1
R-61	BROWN LATERAL FILE - 5 DRAWER (42"W X 19 1/4"D X 67"H)	1	1
R-62	FLAMMABLE STORAGE CABINET 12 GA (23" X 35" X 18")	1	1
R-63	TAN METAL CABINET (3' - 0" X 2'-0" X 5'-0")-TEXTILES	1	1
R-64	SEWING WORK TABLE (3'-0" X 6'-3")	2	1
R-65	TABLE (4'-0" X 8'-2")	1	1
R-66	WORK TABLE (7'-7" X 4'-7")	1	1
R-67	IRON TABLE (NIC) (3'-4" X 4'-4")	1	1
R-68	BROWN WOOD CABINETS FOR SEWING MACHINES	2	1
R-69	MOBILE MIRROR (27.5" X 73")	1	1
R-70	SEWING MACHINE WITH TABLE (1'-8" X 4'-2")	2	1
R-71	IRONING BOARD	1	1
R-73	REFRIGERATOR (2'-0" X 2'-3")	1	1
R-74	TAN METAL CABINET (3' X 2' X 75")	1	1
R-75	GRAY METAL/WOOD SHELVING (3' X 18" X 6')	1	1
R-76	GRAY METAL/WOOD SHELVING (3' X 2' X 5')	1	1
R-77	BLACK METAL SHELVING (3' X 2' X 6')	1	1
R-78	GRAY METAL STORAGE CABINET (3' X 2' X 6')	1	1
R-81	MOBILE METAL STORAGE RACK	1	1
R-82	MANNEQUINS	1	1
R-83	UNDER TABLE LATERAL FILES	4	1
R-84	LATERAL FILE - 4 DRAWER (15"W X 25"D X 52"H)	3	1
R-85	LATERAL FILES	1	1

- EXISTING EQUIPMENT, OR FURNITURE SHALL BE RELOCATED AND INSTALLED BY OWNER.
- EXISTING EQUIPMENT, CONTRACTOR SHALL HIRE SPECIALTY MOVERS TO RELOCATE AND INSTALL.
- EXISTING EQUIPMENT, OWNER SHALL RELOCATE, CONTRACTOR SHALL INSTALL.
- EXISTING EQUIPMENT, TO REMAIN NOT BEING RELOCATED.

- CASEWORK AND EQUIPMENT GENERAL NOTES**
- UNLESS INDICATED OTHERWISE, ALL COUNTERTOPS:
 - 2'-10" AFF OR 2'-10" TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
 - 2'-4" DEEP
 - SOLID SURFACE COUNTERTOP
 - BACKSPASHES: 2" OR 4" HIGH AT ALL SIDES AND BACK (SEE ELEVATIONS)
 - UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):
 - 2'-0" DEEP NOMINAL
 - TOE KICKS: 4" HIGH AND 3" DEEP
 - 1 SINK LOCATION: 3'-0" WIDE CLEAR KNEE SPACE (NO BASE CABINET) FOR BARRIER FREE ACCESS
 - UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):
 - 1'-0" 1/2" DEEP NOMINAL
 - 2'-0" HIGH
 - TOP AT 7'-0" AFF
 - MINIMUM 11" CLEAR INTERIOR DEPTH
 - BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.
 - ALL SHELVES: ADJUSTABLE UNLESS INDICATED OTHERWISE.
 - PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.
 - LOCKS: ALL BASE AND WALL CABINETS. KEYPED PER ROOM UNLESS INDICATED OTHERWISE.
 - UNLESS INDICATED OTHERWISE, TYPICAL LAMINATE FOR ALL CASEWORK TO BE PLAM-1.
 - ITEMS SHOWN DASHED ARE OWNER FURNISHED AND INSTALLED. ITEMS SHOWN SOLID ARE CONTRACTOR INSTALLED IF NUMBER BEGINS WITH AN 'R' PREFIX AND CONTRACTOR INSTALLED AND FURNISHED IF NUMBER BEGINS WITH AN 'E' PREFIX.



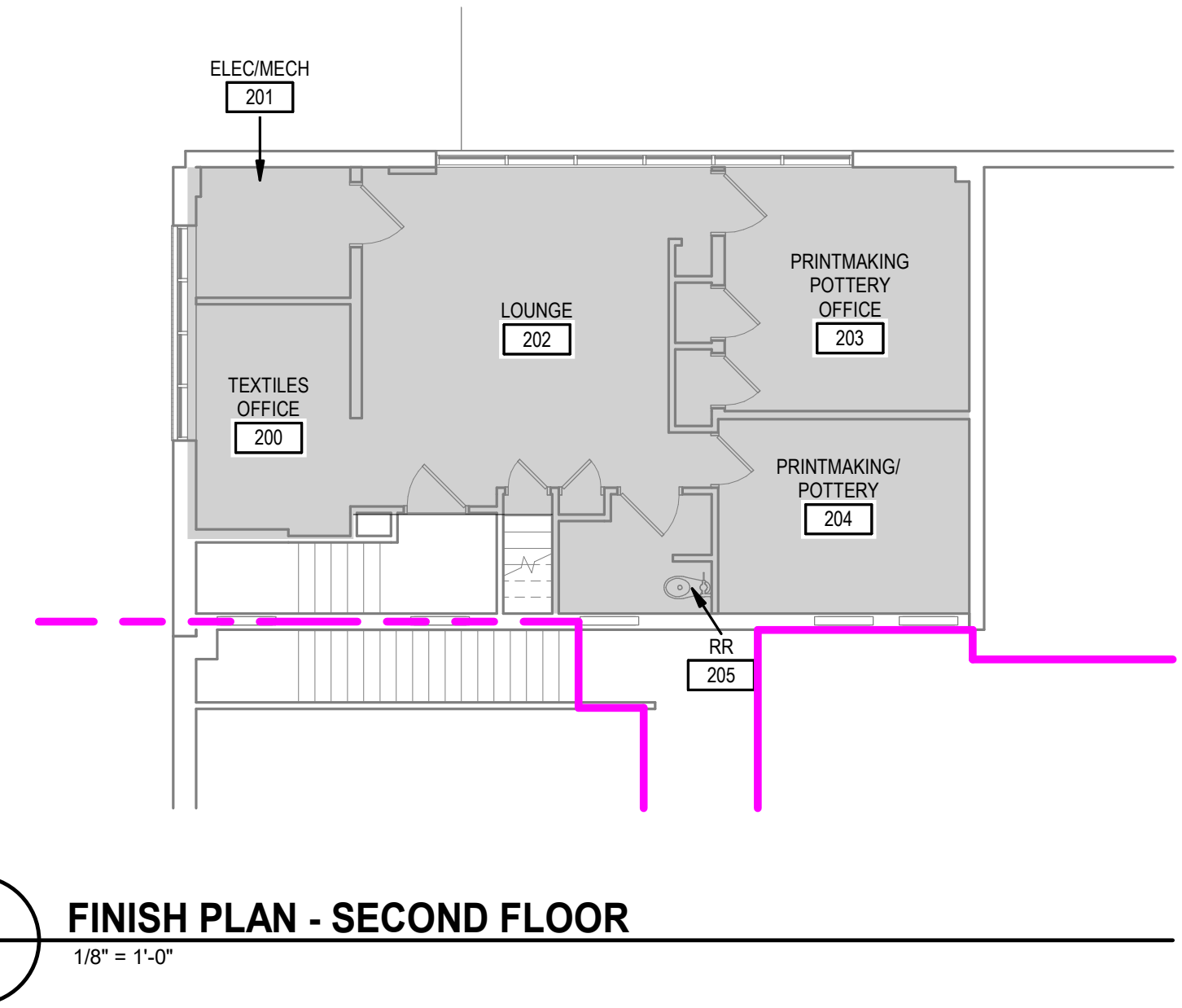
SECOND FLOOR PLAN - EQUIPMENT LAYOUT
 1/8" = 1'-0"



FIRST FLOOR PLAN - EQUIPMENT LAYOUT
 1/8" = 1'-0"

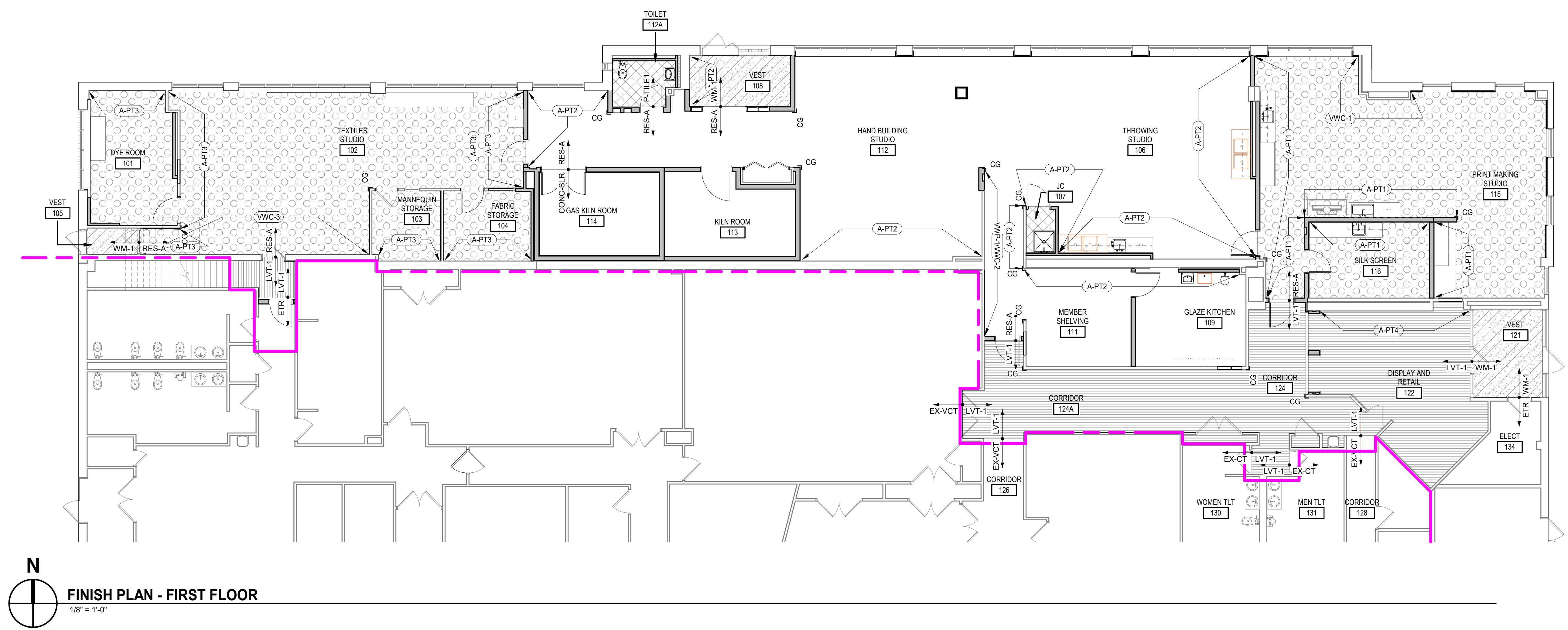
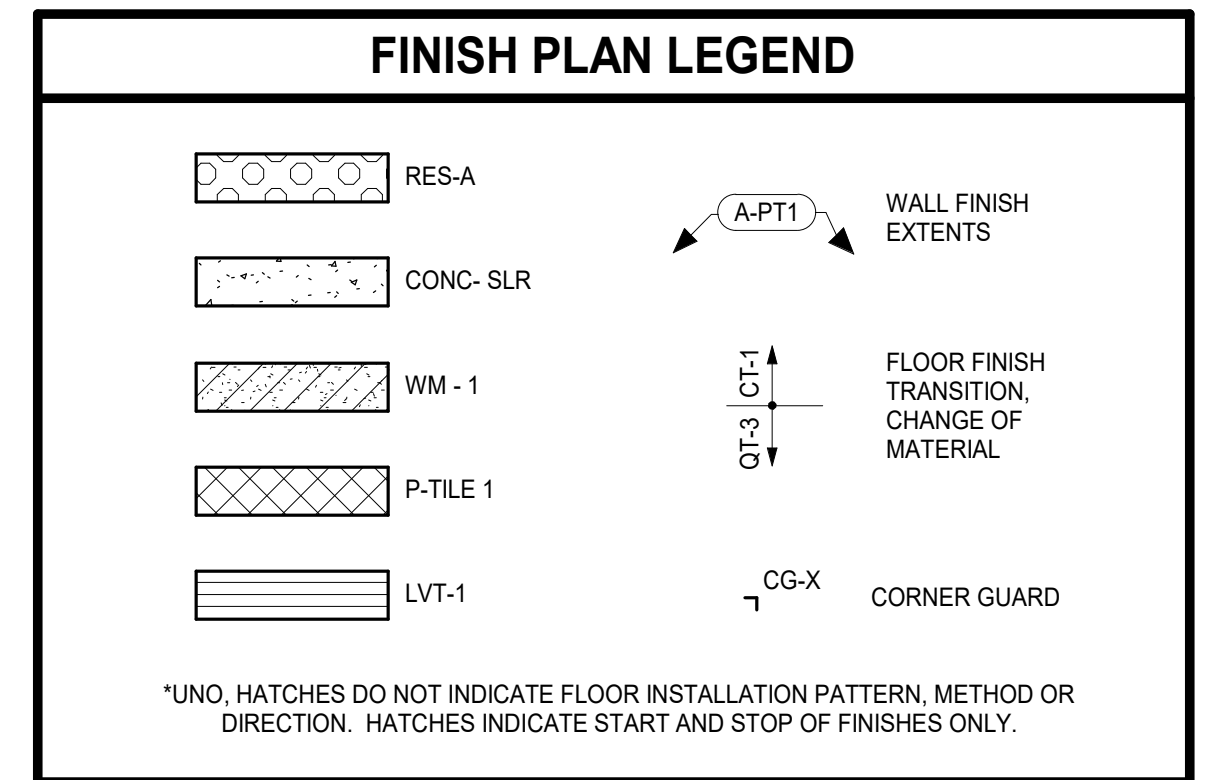
FINISH SCHEDULE										
NUMBER	NAME	FLOOR	BASE	WALLS				CEILING	NOTES	
				NORTH	EAST	SOUTH	WEST			
101	DYE ROOM	RES-A	B-2	PT-2	PT-2	PT-2	PT-2	ACP-1		
102	TEXTILES STUDIO	RES-A	B-2	PT-2	A-PT3, PT-2	VWC-3	A-PT3	ACP-1		
103	MANNEQUIN STORAGE	RES-A	B-2	PT-2	PT-2	PT-2	PT-2	ACP-1		
104	FABRIC STORAGE	RES-A	B-2	PT-2	PT-2	PT-2	PT-2	ACP-1		
105	VEST	WM-1	B-1	PT-2	--	A-PT3	--	ACP-1		
106	THROWING STUDIO	RES-A	B-2	PT-2	A-PT2	A-PT2	--	ACP-1, ACP-2, ACP-1, PT-3		
107	JC	P-TILE1	B-3	PT-2	CT-2	CT-2	CT-2	ACP-1		
108	VEST	WM-1	B-1	PT-2	PT-2	A-PT2	A-PT2	ACP-1		
109	GLAZE KITCHEN	RES-A	B-2	PT-2	PT-2	PT-2	PT-2	ACP-1		
110	ELECT	RES-A	B-1	PT-2	PT-2	PT-2	PT-2	ETR		
111	MEMBER SHELVING	RES-A	B-2	PT-2	PT-2	PT-2	PT-2	ACP-1		
112	HAND BUILDING STUDIO	RES-A	B-2	PT-2, A-PT2	PT-2	PT-2, A-PT2	A-PT2	ACP-1, ACP-2, ACP-1, PT-3		
112A	TOILET	P-TILE1	B-3	CT-1	CT-1	CT-1	CT-1	ACP-1		
113	KILN ROOM	RES-A	B-2	PT-2	PT-2	PT-2	PT-2	--		
114	GAS KILN ROOM	CONC-SLR	B-1	PT-2	PT-2	PT-2	PT-2	--		
115	PRINT MAKING STUDIO	RES-A	B-2	PT-2, VWC-1	PT-2	A-PT1, PT-2	A-PT1	ACP-1, ACT-2, ACP-2, PT-3		
116	SILK SCREEN	RES-A	B-2	A-PT1	PT-2	PT-2	PT-2	ACP-1		
121	VEST	WM-1	B-1	PT-2	--	ACP-1	--	ACP-1		
122	DISPLAY AND RETAIL	LVT-1	B-1	A-PT4	PT-2	PT-2	PT-2	ACP-1		
124	CORRIDOR	LVT-1	B-1	PT-2	PT-2	PT-2	PT-2	ACP-1, PT-1		
124A	CORRIDOR	LVT-1	B-1	PT-2	--	PT-2	--	PT-1		
126	CORRIDOR	LVT-1	B-1	PT-2	PT-2	PT-2	PT-2	PT-1		
134	ELECT	ETR	ETR	ETR	ETR	ETR	ETR	ACP-1	1.	
200	TEXTILES OFFICE	ETR	ETR	A-PT3	A-PT3	PT-2	PT-2	ETR		
201	ELECTMECH	ETR	ETR	PT-2	PT-2	PT-2	PT-2	ETR		
202	LOUNGE	ETR	ETR	PT-2	PT-2	PT-2	PT-2	ETR		
203	PRINTMAKING POTTERY OFFICE	ETR	ETR	PT-2	PT-2	PT-2	PT-2	ETR		
204	PRINTMAKING POTTERY	ETR	ETR	PT-2	PT-2	PT-2	PT-2	ETR		
205	RR	ETR	ETR	ETR	ETR	ETR	ETR	ETR		

- NOTE:
1. REPLACE MISSING/DAMAGED CEILING TILES. EXISTING GRID SHALL REMAIN.
 2. REFER TO SPECIFICATION FOR FLOOR PATTERNS.
 3. REFER TO SPECIFICATION FOR WALL PATTERNS.



INTERIOR FINISH LEGEND									
ITEM	DESCRIPTION	MANUFACTURER	STYLE	PRODUCT - COLOR	LOCATION	CONTACT	COMMENTS		
BASE									
B-1	WALL BASE	TARKETT	JOHNSONITE TRADITIONAL VINYL WALL BASE 080; TYPE: TV; HEIGHT: 4"	55 SILVER GREY CG	GENERAL	DEBBIE CROWE - 443.310.6677			
B-2	EPOXY WALL BASE	SHERWIN WILLIAMS	EPOXY COVE WALL BASE	PYRITE	TO MATCH ASSIGN RESIN FLOORING	AMANDA LOWERY - 301.351.4257			
B-3	COVE WALL BASE	ARCHITESSA	COLLECTION: ON SQUARE; DIMENSIONS: 4" X 24"	CEMENTO	RESTROOM & JANITOR CLOSET	KERSI PRESS - 240.676.0097			
CARPET									
WM-1	WALK OFF MAT	J & J FLOORING - MATS INC	TRILOGY TILE	PORTOBELLO	ALL VESTIBULES	CHRIS MASON - 443.615.1064 202.442.4500			
CEILING									
ACB-1	ACOUSTICAL CEILING BAFFLE	ZINTRA ACOUSTICS	ZINTRA SQUARE IN 12 MM; SIZE: 48" X 97" X 48"	ECRU	HAND BUILDING/THROWING STUDIO				
ACB-2	ACOUSTICAL CEILING BAFFLE	ZINTRA ACOUSTICS	ZINTRA SQUARE IN 12 MM; SIZE: 48" X 97" X 48"	CADET	PRINTMAKING STUDIO				
ACP-1	CEILING TILE	ARMSTRONG CEILINGS	CALLA (ITEM # 2823) SIZE: 2 X 4; THICKNESS: 1"; EDGE: SQUARE	WHITE	GENERAL	MELISSA COLEMAN - 804.240.5722	ACOUSTICS: 85 NRC; GRID: PRELUDE XL		
ACP-2	CEILING TILE	ARMSTRONG CEILINGS	LYRA WITH PLANT BASED BINDER (ITEM# 881PBWTC) SIZE: 2 X 2; THICKNESS: 1"; EDGE: SQUARE	TOFFEE CHESTNUT	HAND BUILDING/THROWING STUDIO AND PRINTMAKING STUDIO	MELISSA COLEMAN - 804.240.5722			
CERAMIC & PORCELAIN TILE									
CT-1	CERAMIC WALL TILE	ARCHITESSA	COLLECTION: CODEX - EDGE PRESSED; SIZE: 8 X 8; THICKNESS: 7.5 MM	FADE DECO	RESTROOM	KERSI PRESS - 240.676.0097			
CT-2	CERAMIC WALL TILE	ARCHITESSA	COLLECTION: RIVIERA LIDO; TEXTURE: GLOSSY/GLAZED; SIZE: 8 X 8	WHITE	JANITOR CLOSET	KERSI PRESS - 240.676.0097			
P-TILE1	PORCELAIN FLOOR TILE	ARCHITESSA	COLLECTION: ON SQUARE; EDGE: RECTIFIED; SIZE: 12 X 24	LAVANGA	RESTROOM & JANITOR CLOSET	KERSI PRESS - 240.676.0097			
PAINT									
PT-1	CEILING PAINT	SHERWIN WILLIAMS	FLAT	SW 7757 HIGH REFLECTIVE WHITE	GYPSPUM	AMANDA LOWERY - 301.351.4257			
PT-2	GENERAL PAINT	SHERWIN WILLIAMS	EGGSHELL	SW 7014 EIDER WHITE	TYP	AMANDA LOWERY - 301.351.4257			
A-PT1	ACCENT PAINT	SHERWIN WILLIAMS	EGGSHELL	SW 9135 WHIRLPOOL	PRINTMAKING STUDIO	AMANDA LOWERY - 301.351.4257			
A-PT2	ACCENT PAINT	SHERWIN WILLIAMS	EGGSHELL	SW 6102 COASTAL PLAIN	HAND BUILDING/THROWING STUDIO	AMANDA LOWERY - 301.351.4257			
A-PT3	ACCENT PAINT	SHERWIN WILLIAMS	EGGSHELL	SW 6484 LAKESHORE	TEXTILE STUDIO	AMANDA LOWERY - 301.351.4257			
A-PT4	ACCENT PAINT	SHERWIN WILLIAMS	EGGSHELL	SW 9050 VINTAGE VESSEL	DISPLAY/RETAIL AREA	AMANDA LOWERY - 301.351.4257			
PT-3	CEILING PAINT	SHERWIN WILLIAMS	FLAT	SW 6254 LAZY GRAY	EXPOSED CEILING	AMANDA LOWERY - 301.351.4257			
PLASTIC LAMINATE									
PLAM-1	PLASTIC LAMINATE	WILSONART	HD LAMINATE, TIMBERGRAIN FINISH - Aeon SCRATCH RESISTANCE	DAINTREE 8235K-05	GENERAL LAMINATE / DISPLAY AREA DESK REVEALS AND TOEKICK	MICHAEL MILLNER - 410.443.1664			
PLAM-2	PLASTIC LAMINATE	NEVAMAR	HPL LAMINATE; PATTERN: S-5059; FINISH: ARP (-)	AQUA LAGOON	DISPLAY AREA DESK				
RESILIENT FLOORING									
LVT-1	LUXURY VINYL TILE	J & J FLOORING	COLLECTION: TIMELESS; THICKNESS: 5MM; WEAR LAYER: 20 MIL; INSTALLATION: ASHLAR; DIMENSIN: 9 X 48	NOTABLE 1000	DISPLAY/RETAIL AREA; CORRIDOR	CHRIS MASON - 443.615.1064 202.442.4500			
RESINOUS FLOORING									
RES-A	EPOXY RESIN FLOORING	SHERWIN WILLIAMS	FASTOP DECO FLAKE SL45	PYRITE	GENERAL	AMANDA LOWERY - 301.351.4257			
SOLID SURFACE									
SSM-1	SOLID SURFACE	WILSONART	THICKNESS: 3/4" (2 CM); EDGE PROFILE: EASED PROFILE	CHILLED EARTH 9228SS	GENERAL/DISPLAY AREA DESK COUNTERTOP	MICHAEL MILLNER - 410.443.1664			
TRANSITIONS, THRESHOLDS, AND BRACKETS									
THHD-1	FLOOR TRANSITION	SCHULTER SYSTEMS	RENO TK	BRUSHED NICKEL	5 MM LVT TO WALKOFF MAT; LVT	PAUL LEDERMAN - 800.472.4588 X 4109			
THHD-2	FLOOR TRANSITION	SCHULTER SYSTEMS	RENO T	BRUSHED NICKEL	EPOXY FLOOR TO FLOOR TILE	PAUL LEDERMAN - 800.472.4588 X 4109			
WALLCOVERING									
VWC-1	WALLCOVERING	WOLF GORDON	INK SPOTS - 100% VINYL	CLOUD	PRINTMAKING STUDIO	STACI GROSSO - 410.499.9270			
VWC-2	WALLCOVERING	WOLF GORDON	PATINA STONE - 100% VINYL	URANIUM GULTZ	HAND BUILDING/THROWING STUDIO	STACI GROSSO - 410.499.9270			
VWC-3	WALLCOVERING	WOLF GORDON	IN TUNE - 100% VINYL	EMPRESS GREEN	TEXTILE STUDIO	STACI GROSSO - 410.499.9270			
VWP-1	WALL PROTECTION	P3 TEC	SAHARA SILK	SAHARA P3T-60016	HAND BUILDING/THROWING STUDIO	STACI GROSSO - 410.499.9270			

- FINISH SCHEDULE GENERAL NOTES**
1. FINISH SCHEDULE DESCRIBES ONLY THE BASIC OR PREDOMINANT SURFACE FINISH.
 2. PROVIDE SAME FINISHES AS THE ADJACENT SPACE IN ALCOVES AND CONTINUOUS SPACES WITHOUT DESIGNATED SPACE NUMBERS.
 3. CASEWORK FINISHES ARE NOTED IN THE FINISH LEGEND. REFER TO CASEWORK ELEVATIONS AND SPECIFICATIONS FOR SPECIFIC LOCATIONS OF MATERIALS AND FINISHES.
 4. DIRECTIONAL WALL FINISH INDICATORS (NORTH, EAST, SOUTH, WEST) REFER TO THE "PLAN" NORTH ORIENTATION.
 5. BULKHEADS AND SOFFITS MAY NOT BE INDICATED IN FINISH SCHEDULES. REFER TO RCP DETAILS, AND OTHER DOCUMENTS FOR EXTENT.
 6. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR SLAB-ON-GRADE AND VERTICAL ELEMENT WHERE JOINT IS NOT CONCEALED BY FINISH BASE OR OTHER CONSTRUCTION.
 7. REFER TO SPECIFICATIONS FOR INFORMATION ON FINISH FIRE CLASSIFICATION RATING.
 8. INTERIOR FINISHES FOR WALLS, CEILINGS, AND FLOORS SHALL COMPLY WITH VCC 2018, 803, 804.



HARDWARE SETS

Hardware Group No. 07B
For use on Door #(s): 109

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	EA CLASSROOM LOCK	ND70TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH
1	EA SURFACE CLOSER	1450 REG FC	689	LCN
1	EA WALL STOP	WS406/407CCV	630	IVE
1	EA GASKETING	488FSBK PSA	BK	ZER

Hardware Group No. 07C
For use on Door #(s): 113

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	EA CLASSROOM LOCK	ND70TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH
1	EA OH STOP	100S ADJ	630	GLY
1	EA SURFACE CLOSER	1450 REG FC ST-5011	689	LCN
1	EA KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EA GASKETING	488FSBK PSA	BK	ZER

Hardware Group No. 08
For use on Door #(s): 114

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	SET CONST LATCHING BOLT	FB51P	630	IVE
1	EA DUST PROOF STRIKE	DP2	626	IVE
1	EA STOREROOM LOCK	ND80TD SPA 14-042	626	SCH
1	EA COORDINATOR	COR X FL X MB	628	IVE
2	EA SURFACE CLOSER	1450 REG FC	689	LCN
2	EA KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EA GASKETING	488FSBK PSA	BK	ZER
2	EA MEETING STILE	155AA	AA	ZER
2	EA MEETING STILE	55AA	AA	ZER

Hardware Group No. 08A
For use on Door #(s): 107

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5 NRP	652	IVE
1	EA STOREROOM LOCK	ND80TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH
1	EA SURFACE CLOSER	1450 SCUSH FC	689	LCN
1	EA MOP PLATE	8400 4" X 1" LDW B-CS	630	IVE
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. 09
For use on Door #(s): 184

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5 NRP	652	IVE
1	EA POWER TRANSFER	EPT10 CON	689	VON
1	EA ELEC FIRE EXIT HARDWARE	99-L-F-M996-17-FS-CON-SNB	626	VON
1	EA RIM CYLINDER	20-057 ICX	626	SCH
1	EA PANIC HARDWARE	23-030 CKC OBV	626	SCH
1	EA SURFACE CLOSER	4040XP EDA	689	LCN
1	EA MOP PLATE	8400 4" X 1" LDW B-CS	630	IVE
1	EA WALL STOP	WS406/407CCV	630	IVE
1	EA GASKETING	488FSBK PSA	BK	ZER
1	EA POWER SUPPLY	PS902 900-ZRS FA900 KL900 120/240 VAC	LGR	SCE

DOOR NORMALLY CLOSED & LOCKED
FREE EGRESS AT ALL TIMES
ENTRY WITH VALID KEY OR LOSS OF POWER OR FIRE COMMAND
UPON LOSS OF POWER OR FIRE COMMAND, DOOR UNLOCKS

Hardware Group No. X6
For use on Door #(s): EX105A, EX121A, EX122

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA DUMMY CYLINDER	38-070 118	613	SCH

REMOVE EXISTING DEADLOCK/REPLACE KEYED CYLINDER(S) W/DUMMY. DOOR TO BE PUSH/PULL.

Hardware Group No. X7
For use on Door #(s): EX103

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA CLASSROOM LOCK	ND70TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH

Hardware Group No. X8
For use on Door #(s): EX121

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA PANIC HARDWARE	1692-NL-OP-169CA-HEX-SU-SNB	613	SCH
1	EA RIM CYLINDER	20-057 ICX	613	SCH
1	EA FSIC CORE	23-030 CKC OBV	613	SCH

REMOVE PADDLE DEVICE & PUSH BAR. RE-USE EXISTING PULL.

Hardware Group No. X9
For use on Door #(s): EX108

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA RIM CYLINDER	20-057 ICX	613	SCH
1	EA FSIC CORE	23-030 CKC OBV	613	SCH
1	EA THRESHOLD	568D-223	D	ZER

REPLACE THRESHOLD. VERIFY DIMENSIONS IN FIELD. REPLACE KEYED CYLINDER.

Hardware Group No. X10
For use on Door #(s): EX105

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA RIM CYLINDER	20-057 ICX	613	SCH
1	EA FSIC CORE	23-030 CKC OBV	613	SCH

REPLACE EXISTING CYLINDER.

Hardware Group No. 01
For use on Door #(s): 102

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	EA PASSAGE SET	ND10S SPA	626	SCH
1	EA OH STOP	100S ADJ	630	GLY
1	EA KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. 01A
For use on Door #(s): 106

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	EA PASSAGE SET	ND10S SPA	626	SCH
1	EA KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EA WALL STOP	WS406/407CCV	630	IVE
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. 02
For use on Door #(s): 108

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA CONT. HINGE	112XY	313AN	IVE
2	EA LONG DOOR PULL	PR 9264F 36" 20" N	643E7	IVE
2	EA SURFACE CLOSER	4040XP SCUSH	16	IVE
2	EA KICK PLATE	8400 10" X 1" LDW B-CS	689	LCN
1	EA GASKETING	488FSBK PSA	BK	ZER

Hardware Group No. 03
For use on Door #(s): 110

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA BI-FOLD DOOR HW	200FD PKG	626	JOH
2	EA FINGER PULL	218	626	IVE

Hardware Group No. 04
For use on Door #(s): 112A

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	EA PRIVACY LOCK	L9040 17A 09-544 L283-722	626	SCH
1	EA HANDS FREE PULL	FP100	630	IVE
1	EA SURFACE CLOSER	1450 REG FC	689	LCN
1	EA KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EA WALL STOP	WS406/407CCV	630	IVE
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. 05
For use on Door #(s): 115

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5 NRP	652	IVE
1	EA ENTRANCE/OFFICE LOCK	ND50TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH
1	EA SURFACE CLOSER	1450 EDA FC	689	LCN
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. 05A
For use on Door #(s): 116

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	EA ENTRANCE/OFFICE LOCK	ND50TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH
1	EA OH STOP	100S ADJ	630	GLY
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. 05B
For use on Door #(s): 111

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5 NRP	652	IVE
1	EA ENTRANCE/OFFICE LOCK	ND50TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH
1	EA SURFACE CLOSER	1450 EDA FC	689	LCN
1	EA KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
1	EA WALL STOP	WS406/407CCV	630	IVE
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. 07
For use on Door #(s): 104

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	EA CLASSROOM LOCK	ND70TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH
1	EA OH STOP	100S ADJ	630	GLY
3	EA SILENCER	SR64	GRY	IVE

Hardware Group No. 07A
For use on Door #(s): 101

QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA HINGE	58B1HW 4.5 X 4.5	652	IVE
1	EA CLASSROOM LOCK	ND70TD SPA	626	SCH
1	EA FSIC CORE	23-030 CKC OBV	626	SCH
1	EA WALL STOP	WS406/407CCV	630	IVE
3	EA SILENCER	SR64	GRY	IVE

DOOR SCHEDULE

NUMBER	ROOM NAME	Type	DOOR			FRAME				GLAZING	HDWR	FIRE RATING	SIGNAGE TYPE	NOTES	
			TYPE	MATL	UC	TYPE	NUMBER	SECTIONS	HEAD DETAIL						JAMB DETAIL
101	DYE ROOM	3'-4"x6'-8"x1-3/4"	F	WD	GL-1	HM	1	A	1/A3.1.1	1/A3.1.1	--	07A	--	A	
102	TEXTILES STUDIO	3'-0"x6'-8"x1-3/4"	FG2	WD	GL-1	HM	1	A	1/A3.1.1	1/A3.1.1	--	01	--	A	
104	FABRIC STORAGE	3'-0"x6'-8"x1-3/4"	F	WD	GL-1	HM	1	A	1/A3.1.1	1/A3.1.1	--	07	--	A	
106	THROWING STUDIO	3'-4"x6'-8"x1-3/4"	FG2	WD	GL-1	HM	1	A	1/A3.1.1	1/A3.1.1	--	01A	--	A	
107	JC	3'-0"x6'-8"x1-3/4"	F	WD	3/4"	HM	1	A	1/A3.1.1	1/A3.1.1	--	08A	--	A	
108	VEST	PR 3'-0" x 6'-8" x 1-3/4"	F	WD	--	HM	3	A	1/A3.1.1	1/A3.1.1	GL-1	02	--	C	
109	GLAZE KITCHEN	3'-4"x6'-8"x1-3/4" 60MIN	F	WD	--	HM	1	A	1/A3.1.1	1/A3.1.1	--	07B	80 MIN	A	
110	HAND BUILDING STUDIO	PR 6'-0"x6'-8" Bi-fold	RP2	WD	--	HM	1	A	1/A3.1.1	1/A3.1.1	--	03	--	A	
111	CORRIDOR	3'-4"x6'-8"x1-3/4"	FG2	WD	GL-1	HM	1	A	1/A3.1.1	1/A3.1.1	--	05B	--	A	
112A	TOILET	3'-0"x6'-8"x1-3/4"	F	WD	3/4"	HM	1	A	1/A3.1.1	1/A3.1.1	--	04	--	B	
113	KILN ROOM	4'-0"x6'-8"x1-3/4" 60MIN	F	STL	--	HM	1	A	1/A3.1.1	1/A3.1.1	--	07C	80 MIN	A	
114	GAS KILN ROOM	PR 3'-0"x6'-8"x1-3/4" 120MIN	F	STL	--	HM	2	A	1/A3.1.1	1/A3.1.1	--	08	120 MIN	A	
115	CORRIDOR	3'-4"x6'-8"x1-3/4"	FG2	WD	GL-1	HM	1	A	1/A3.1.1	1/A3.1.1	--	05	--	A	
116	SILK SCREEN	3'-0"x6'-8"x1-3/4"	F	WD	--	HM	1	A	1/A3.1.1	1/A3.1.1	--	05A	--	A	
184	CORRIDOR	3'-0"x6'-8"x1-3/4" 60MIN	N1	WD	GL-1	HM	1	A	1/A3.1.1	1/A3.1.1	--	09	80 MIN	A	
EX102	TEXTILES STUDIO	3'-0"x6'-8"x1-3/4"	FG	EX	--	EX	--	--	--	--	--	EX	--	C	1
EX103	MANNEQUIN STORAGE	3'-0"x6'-8"x1-3/4"	FG	EX	--	EX	--	--	--	--	--	EX	--	C	2
EX105	VEST	3'-0"x6'-8"x1-3/4"	FG	EX	--	EX	--	--	--	--	--	EX	--	C	3
EX106A	VEST	3'-0"x6'-8"x1-3/4"	FG	EX	--	EX	--	--	--	--	--	EX	--	C	3
EX108	VEST	3'-0" x 6'-8" x 1-3/4"	FG	EX	--	EX	--	--	--	--	--	EX	--	C	3
EX121	VEST	3'-0" x 6'-8" x 1-3/4"	FG	EX	--	EX	--	--	--	--	--	EX	--	C	3
EX121A	VEST	3'-0" x 6'-8" x 1-3/4"	FG	EX	--	EX	--	--	--	--	--	EX	--	C	3
EX122	DISPLAY AND RETAIL	3'-0" x 6'-8" x 1-3/4"	FG	EX	--	EX	--	--	--	--	--	EX	--	A	1

- NOTE:
1. RE-KEY EXISTING DOOR
 2. REPLACE LOCKSET ON EXISTING DOOR
 3. REKEY LOCKSET AND REPLACE THRESHOLD AT EXISTING DOOR
 4. BI-FOLD DOORS INSET IN HOLLOW METAL FRAME

GENERAL NOTES

A. UNLESS INDICATED OTHERWISE, ALL DETAIL NUMBERS IN THE DOOR AND FRAME SCHEDULE FOR HEAD, JAMB AND SILL CONDITIONS REFER TO DRAWINGS A3.1.1

B. DOOR AND FRAME DETAILS INDICATE GENERAL CHARACTERISTICS OF DOOR AND FRAME SIZES AND COMPONENTS AND MAY NOT INDICATE EXACT FIELD CONDITIONS OR REQUIREMENTS. COORDINATE DETAILS WITH OTHER DRAWINGS AND SPECS TO DETERMINE ALL COMPONENTS (E.G., SEALANTS, ANCHORS, HARDWARE, LINTELS, CLIPS) REQUIRED FOR COMPLETE AND FUNCTIONAL INSTALLATION.

C. DOOR SWINGS ON FLOOR PLANS TAKE PRECEDENCE OVER SWINGS INDICATED ELSEWHERE (E.G., ELEVATIONS).

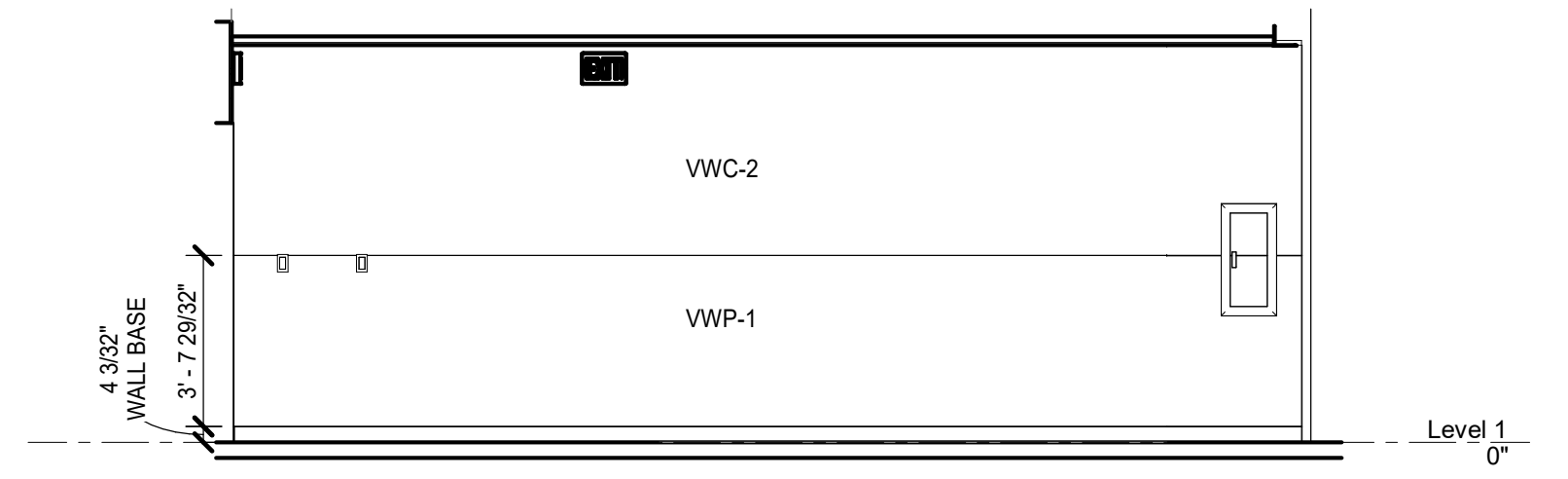
D. ALL GLAZING SHALL BE SAFETY GLASS UNLESS INDICATED OTHERWISE

GLAZING TYPES
REPRESENTED BY \bar{v}_n

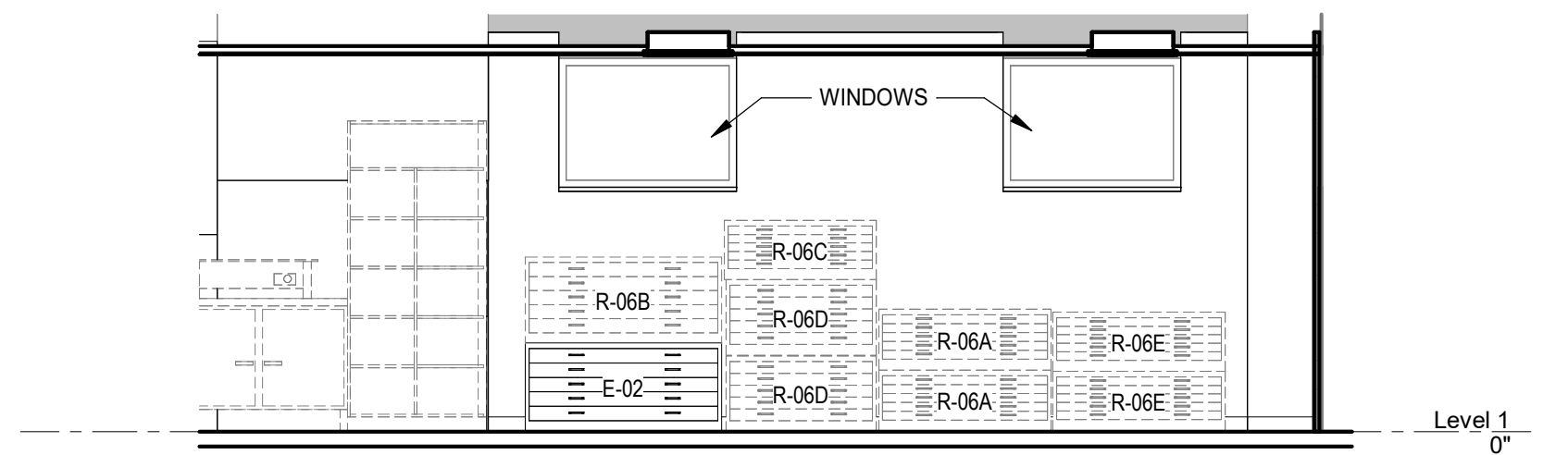
1. 1/4" CLEAR

DOOR AND FRAME DETAIL KEYNOTES

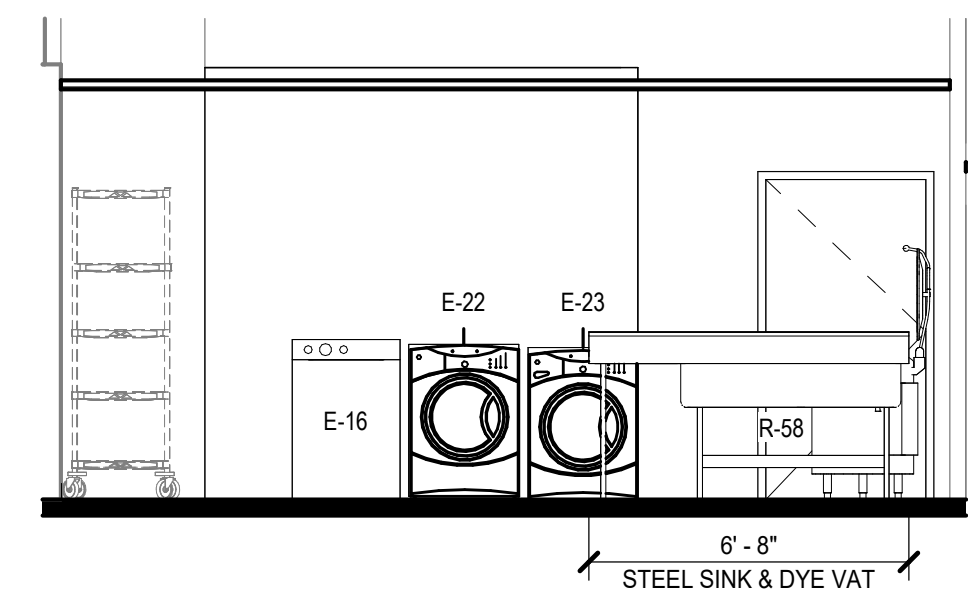
NUMBER	DESCRIPTION
1	



3 WALL PROTECTION ELEVATION
 A2.1.0/A4.2.0 1/4" = 1'-0"



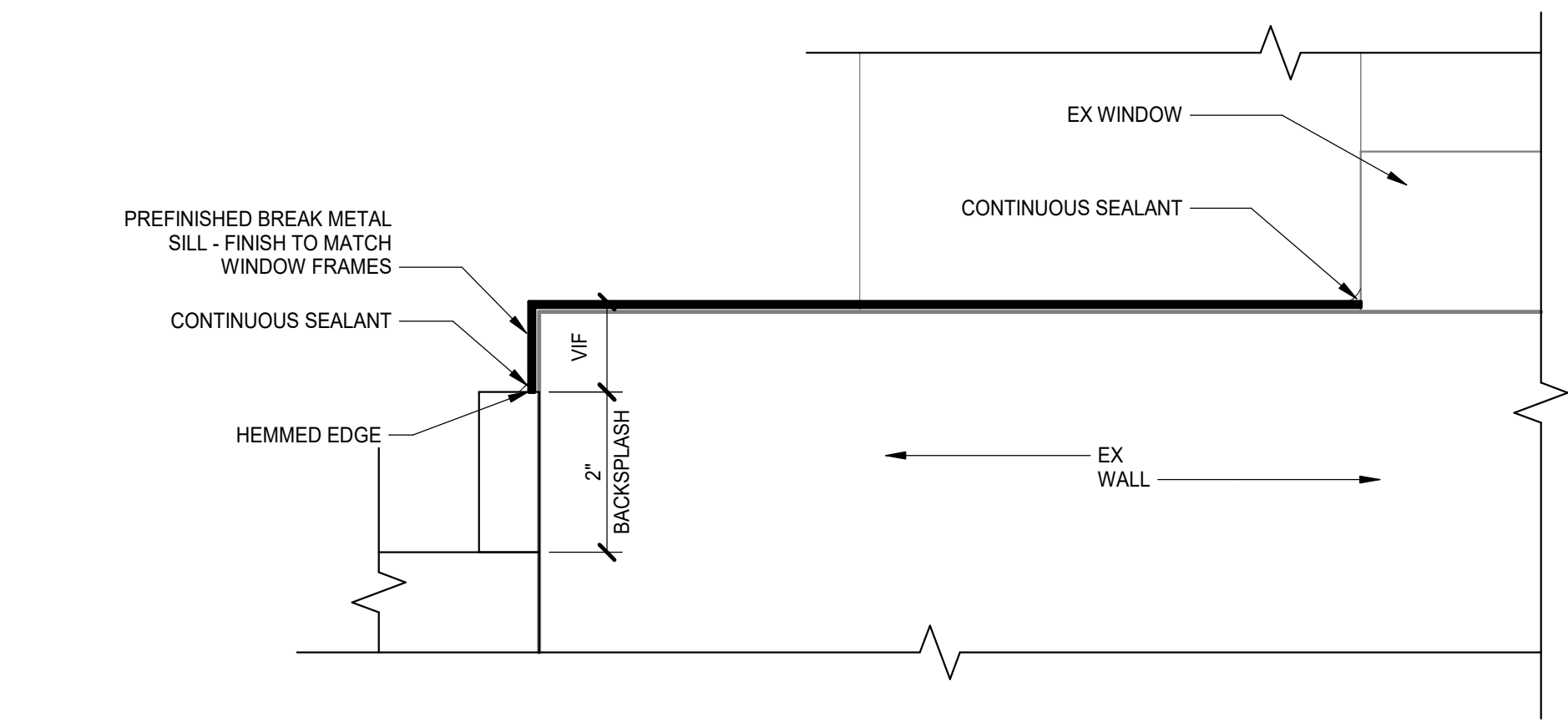
2 PRINTMAKING ELEVATION
 A2.1.1/A4.2.0 1/4" = 1'-0"



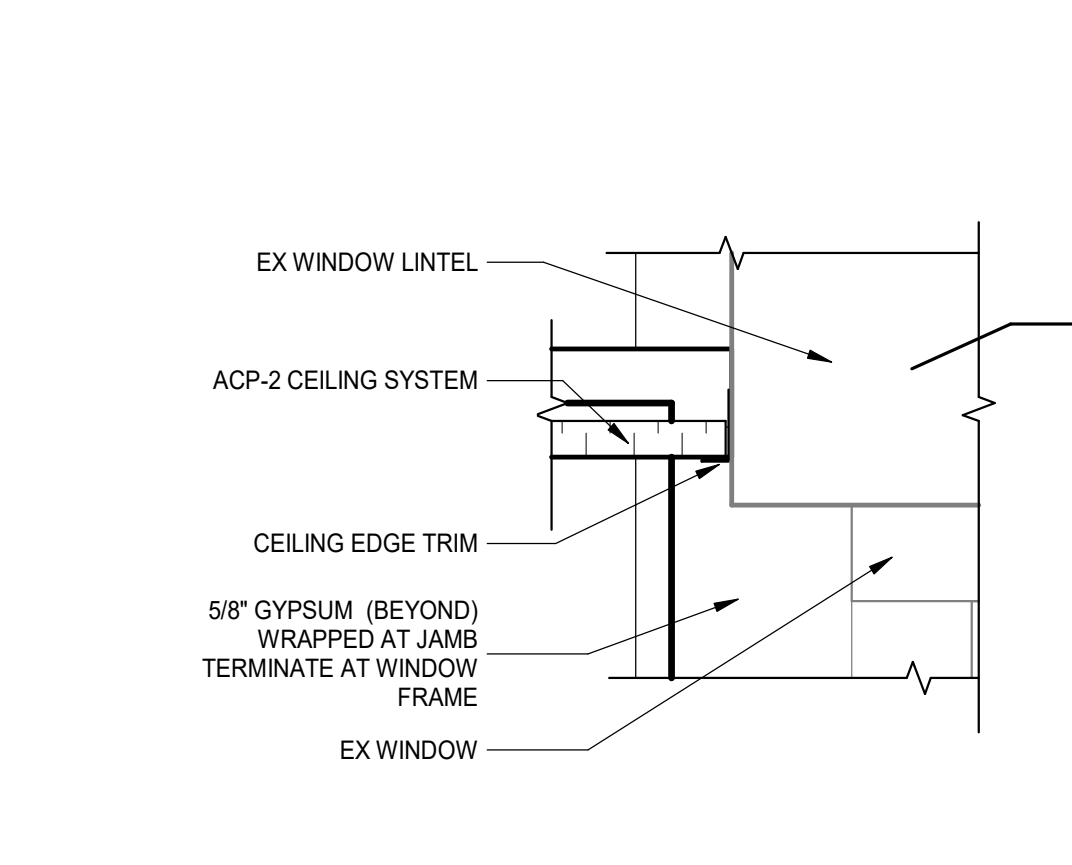
1 DYE ROOM ELEVATION
 A2.1.0/A4.2.0 1/4" = 1'-0"

PROJECT NO:	624801
DATE:	DECEMBER 15, 2023
REVISIONS	
DATE	DESCRIPTION
12.15.23	BID SET

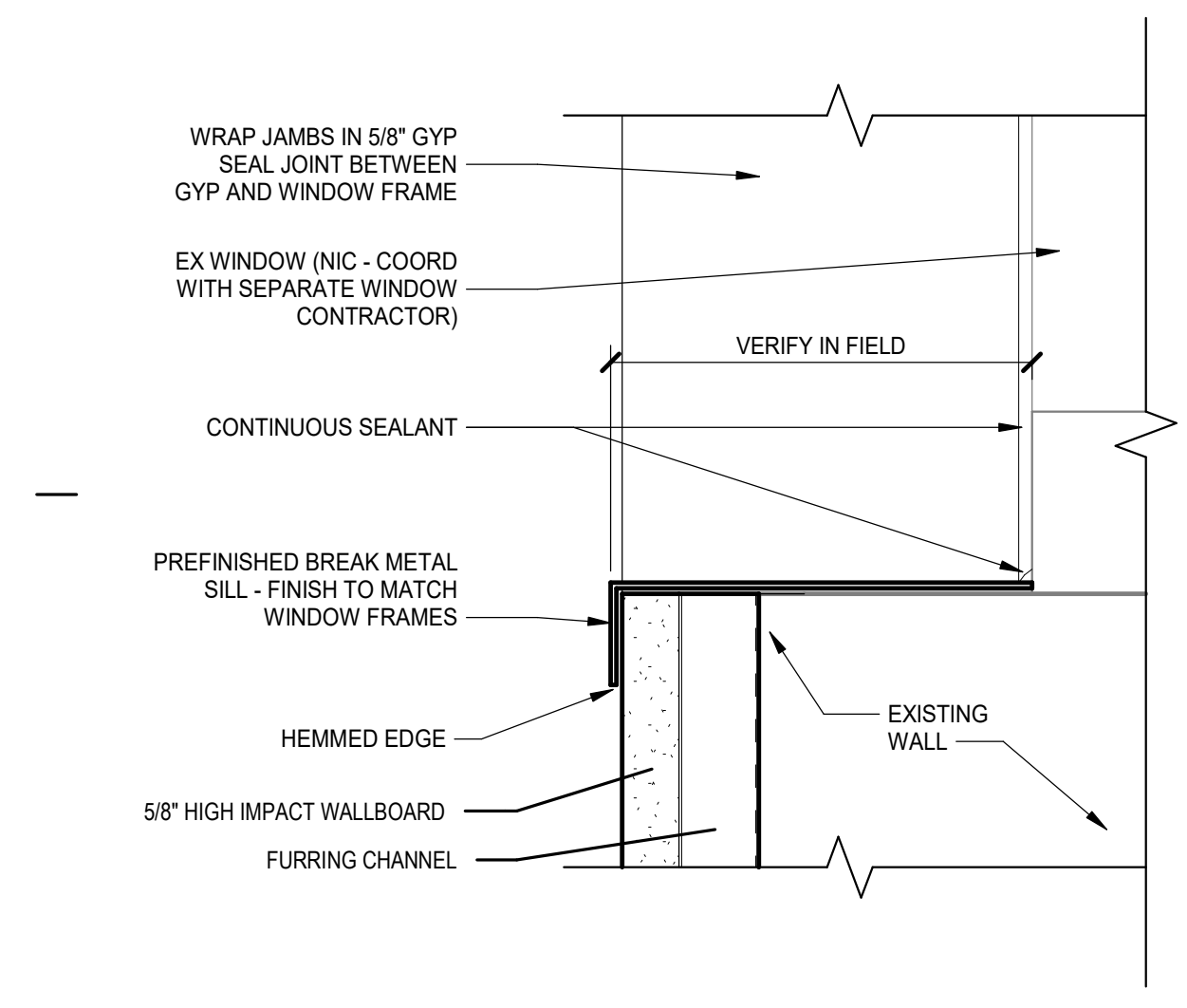
12/18/2023 11:55:13 AM



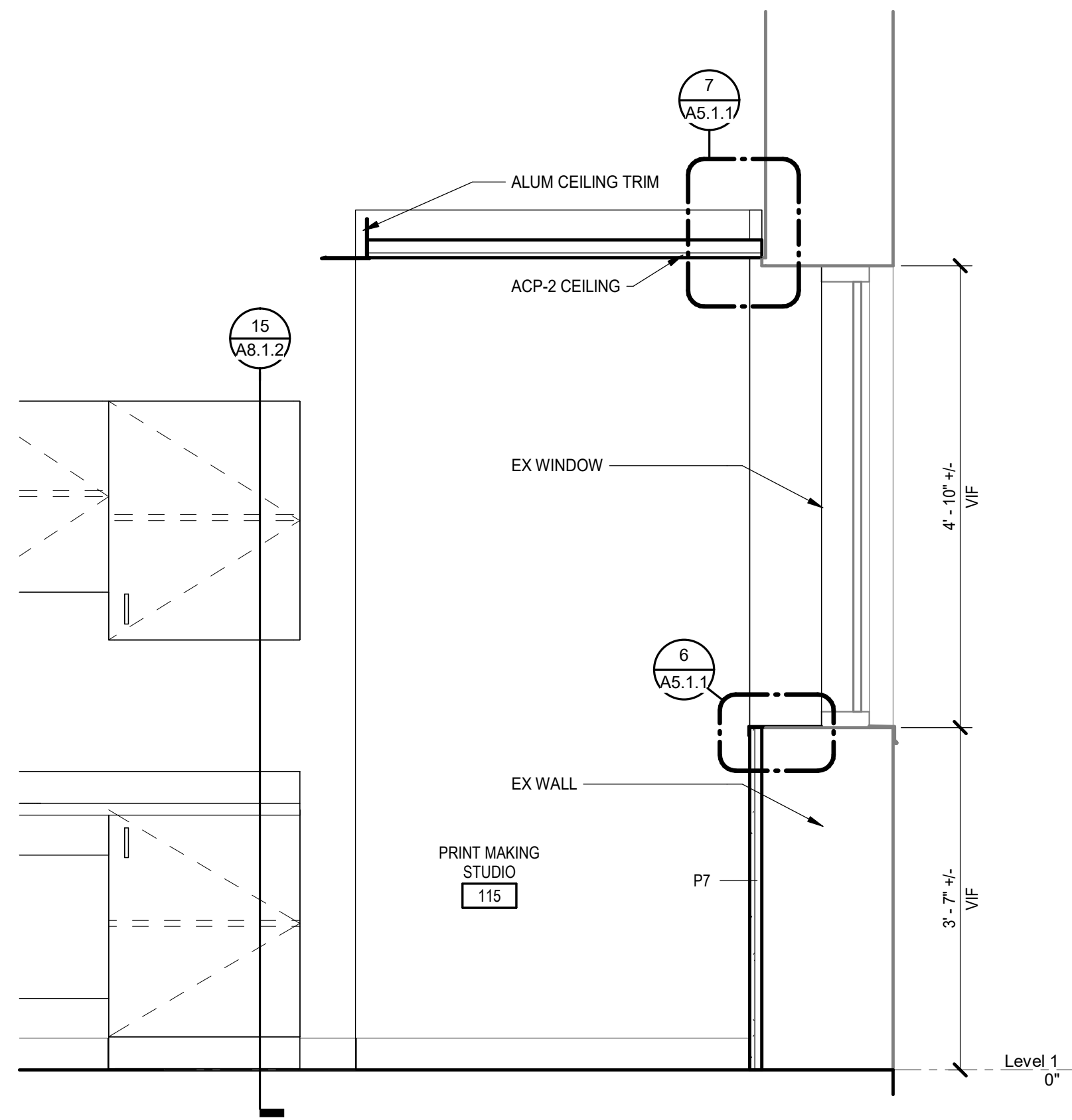
8 SILL DETAIL
A5.1.1 | A5.1.1 | 6" = 1'-0"



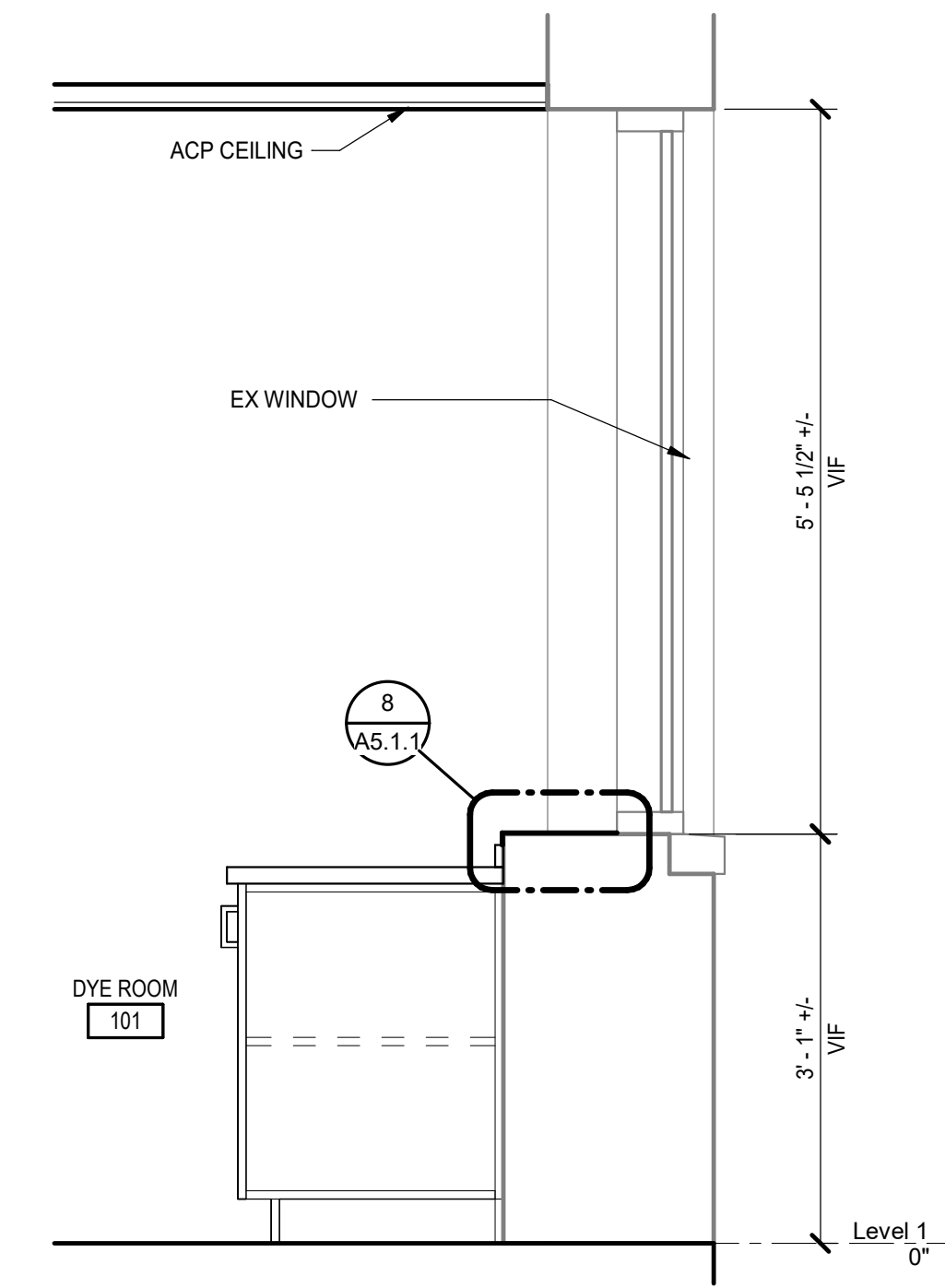
7 WINDOW HEAD DETAIL
A5.1.1 | A5.1.1 | 3" = 1'-0"



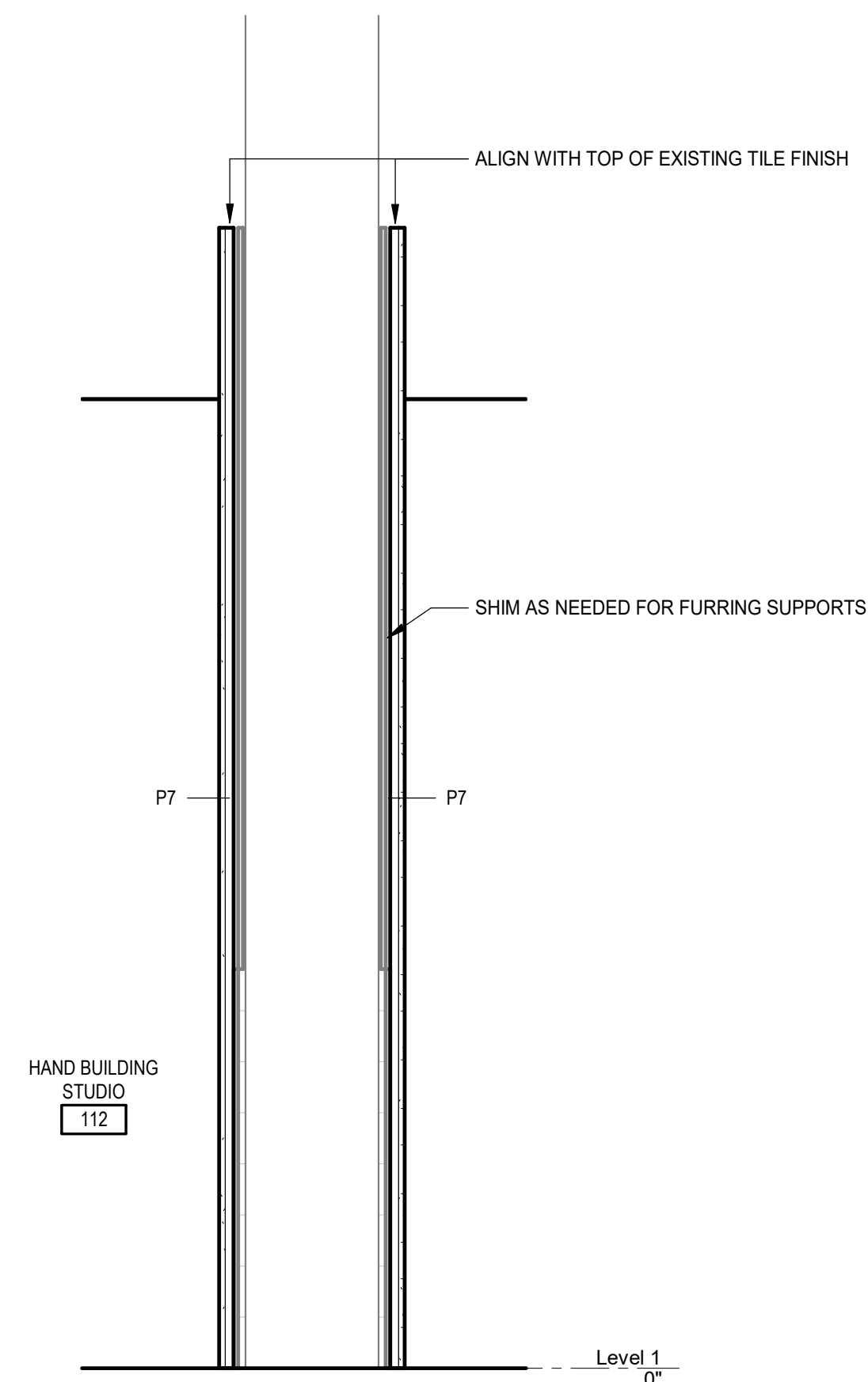
6 SILL DETAIL
A5.1.1 | A5.1.1 | 6" = 1'-0"



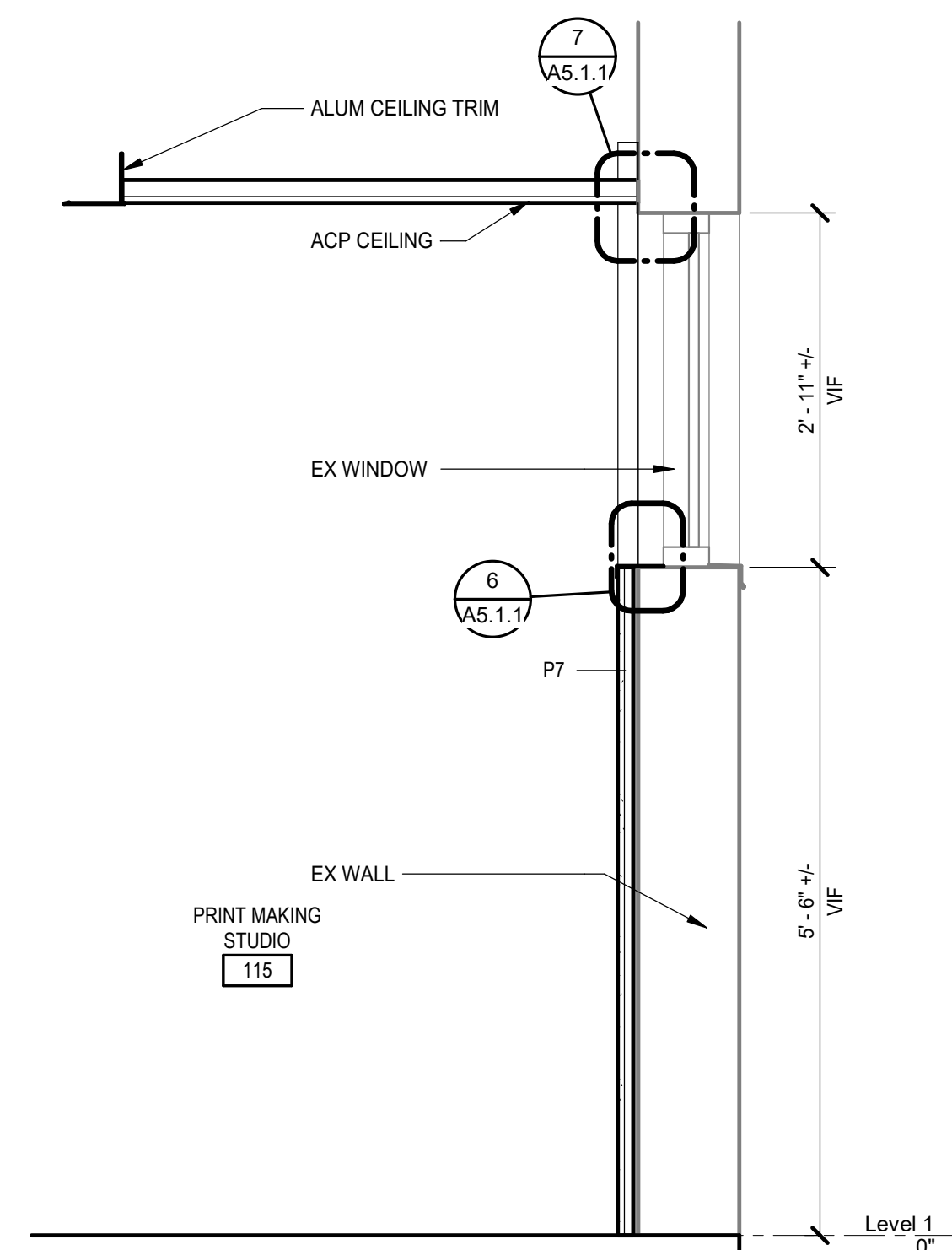
4 WALL SECTION
A2.1.0 | A5.1.1 | 3/4" = 1'-0"



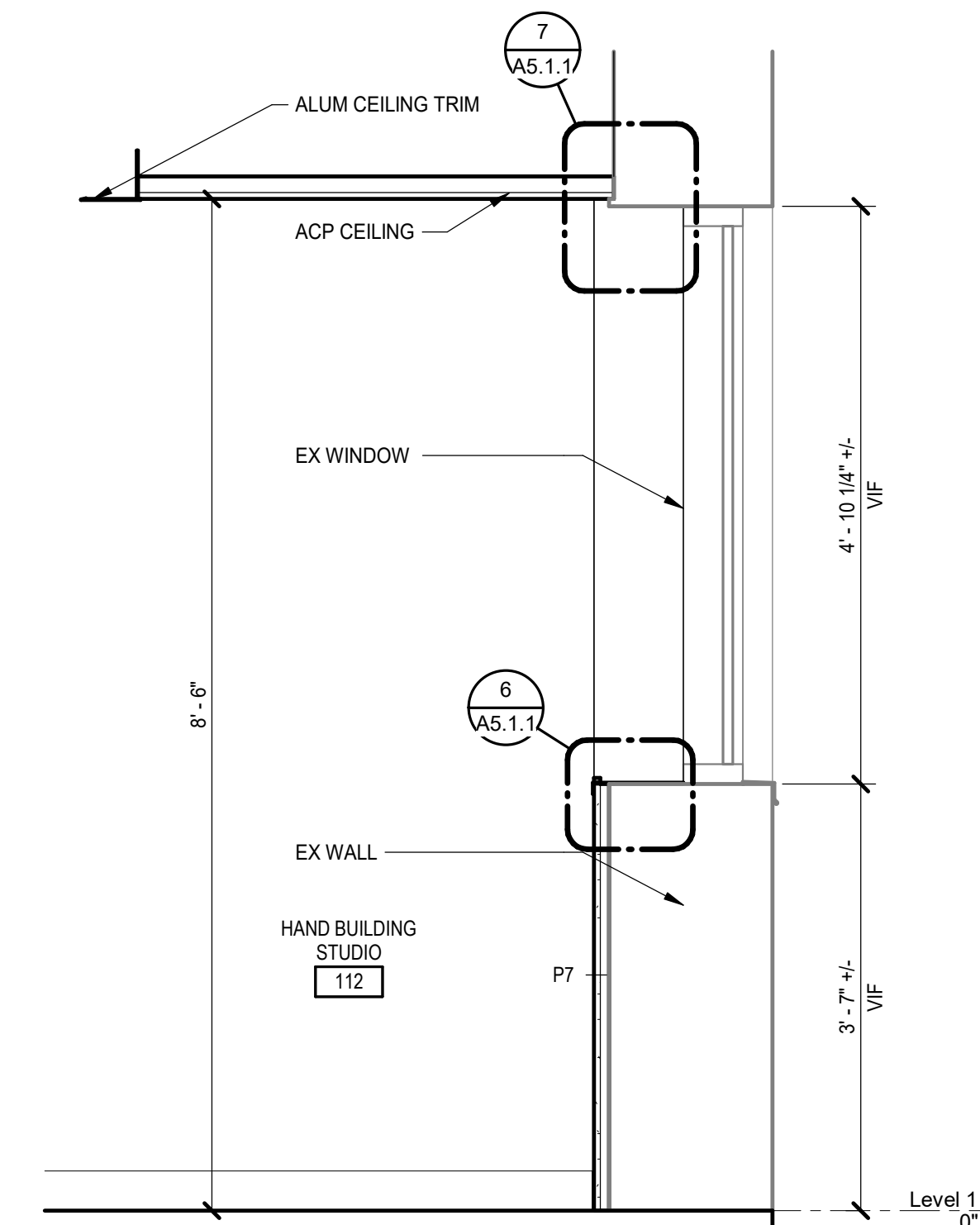
2 WALL SECTION
A2.1.0 | A5.1.1 | 3/4" = 1'-0"



5 COLUMN SECTION
A2.1.0 | A5.1.1 | 3/4" = 1'-0"



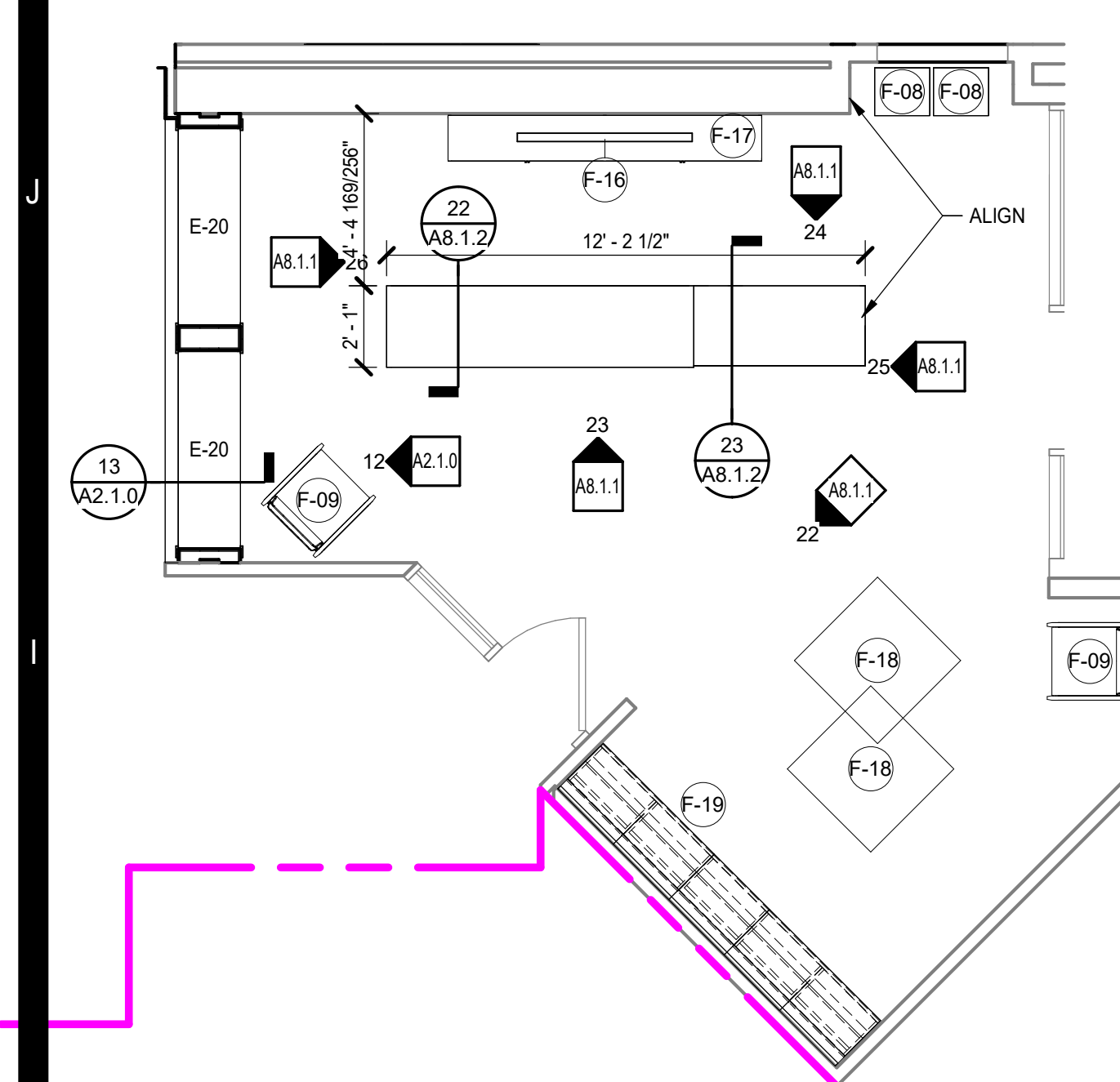
3 WALL SECTION
A2.1.0 | A5.1.1 | 3/4" = 1'-0"



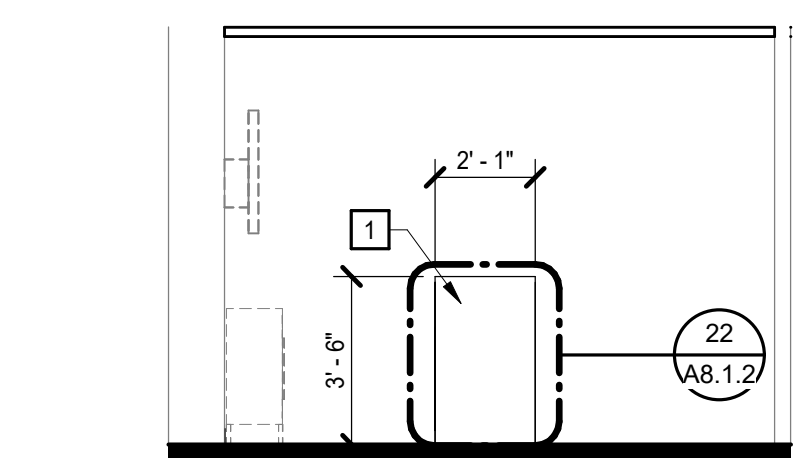
1 WALL SECTION
A2.1.0 | A5.1.1 | 3/4" = 1'-0"

NOTE: EXISTING WINDOWS SHOWN ARE A SEPARATE CONCURRENT PROJECT TO REPLACE THE EXISTING GLASS BLOCK OPENINGS AT THE BUILDING. THIS CONTRACTOR SHALL COORDINATE WITH SEPARATE WINDOW CONTRACTOR IF PROJECT NOT COMPLETED PRIOR TO START OF CONSTRUCTION.

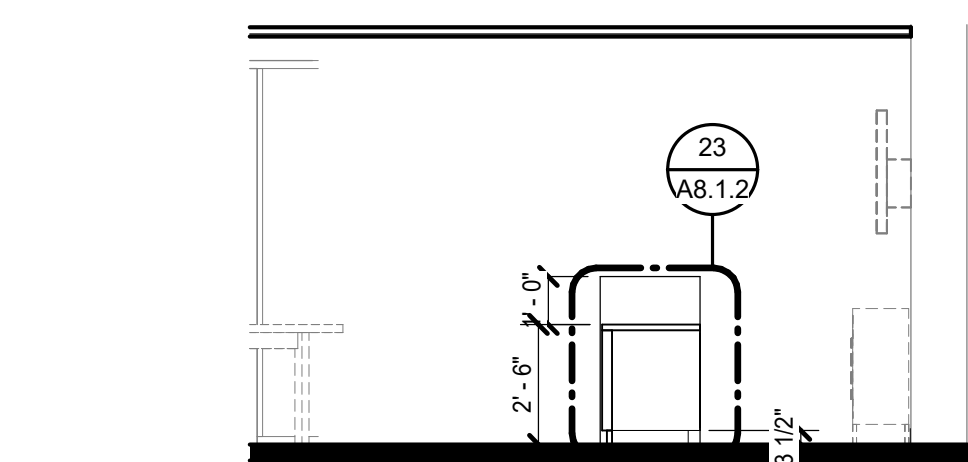
PROJECT NO:	624801
DATE:	DECEMBER 15, 2023
REVISIONS	
DATE	DESCRIPTION
12.15.23	BID SET



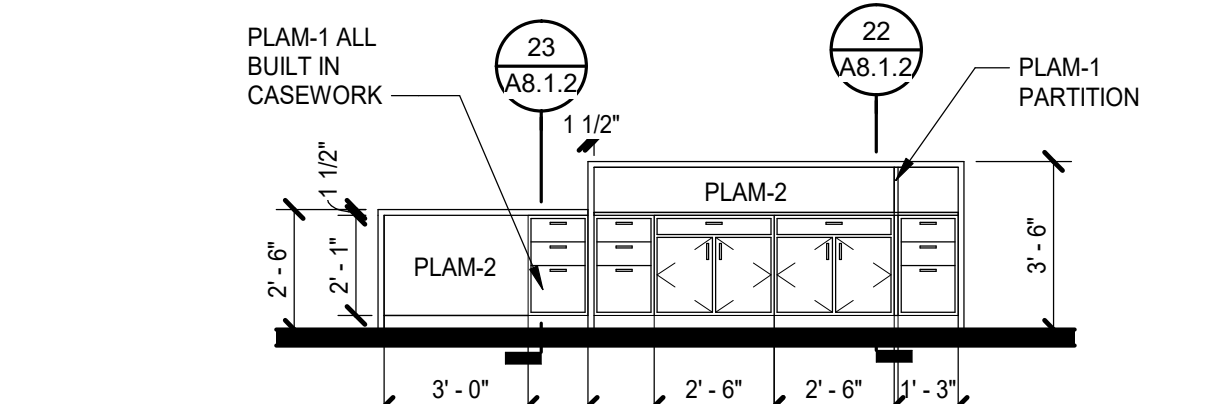
27 POTTERY WHEEL SHELF ELEV 1
1/4" = 1'-0"



26 DISPLAY COUNTER SIDE ELEV 2
1/4" = 1'-0"



25 DISPLAY COUNTER SIDE ELEV 1
1/4" = 1'-0"



24 DISPLAY COUNTER BACK ELEV
1/4" = 1'-0"

CASEWORK AND EQUIPMENT GENERAL NOTES

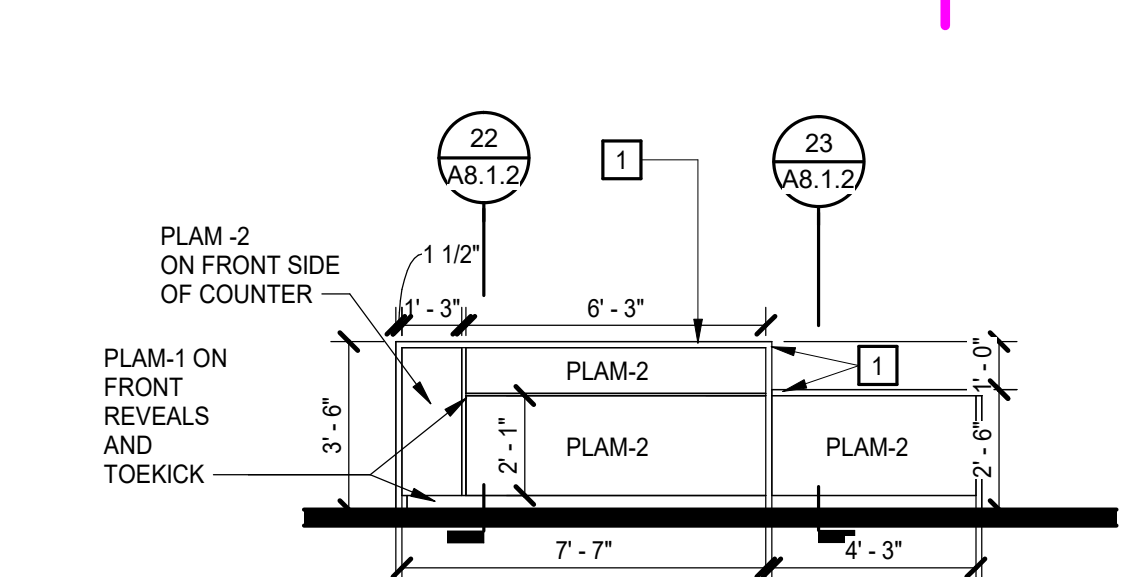
- A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S)
 - 2'-10" AFF OR 2'-10" TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
 - 2'-1" DEEP
 - SOLID SURFACE COUNTERTOP
 - BACKSPASHES: 2" OR 4" HIGH AT ALL SIDES AND BACK (SEE ELEVATIONS)
- B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):
 - 2'-0" DEEP NOMINAL
 - TOE KICKS: 4" HIGH AND 3" DEEP
 - 1 SINK LOCATION: 3'-0" WIDE CLEAR KNEE SPACE (NO BASE CABINET) FOR BARRIER FREE ACCESS
- C. UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):
 - 1'-0 1/2" DEEP NOMINAL
 - 2'-3" HIGH
 - TOP AT 7'-0" AFF
 - MINIMUM 1" CLEAR INTERIOR DEPTH
- D. BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.
- E. ALL SHELVES: ADJUSTABLE UNLESS INDICATED OTHERWISE.
- F. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.
- G. LOCKS: ALL BASE AND WALL CABINETS, KEYPED PER ROOM UNLESS INDICATED OTHERWISE.
- H. UNLESS INDICATED OTHERWISE, TYPICAL LAMINATE FOR ALL CASEWORK TO BE PLAM-1.
- I. ITEMS SHOWN DASHED ARE OWNER FURNISHED AND INSTALLED. ITEMS SHOWN SOLID ARE CONTRACTOR INSTALLED IF NUMBER BEGINS WITH AN "R" PREFIX AND CONTRACTOR INSTALLED AND FURNISHED IF NUMBER BEGINS WITH AN "E" PREFIX.

CASEWORK KEYNOTES

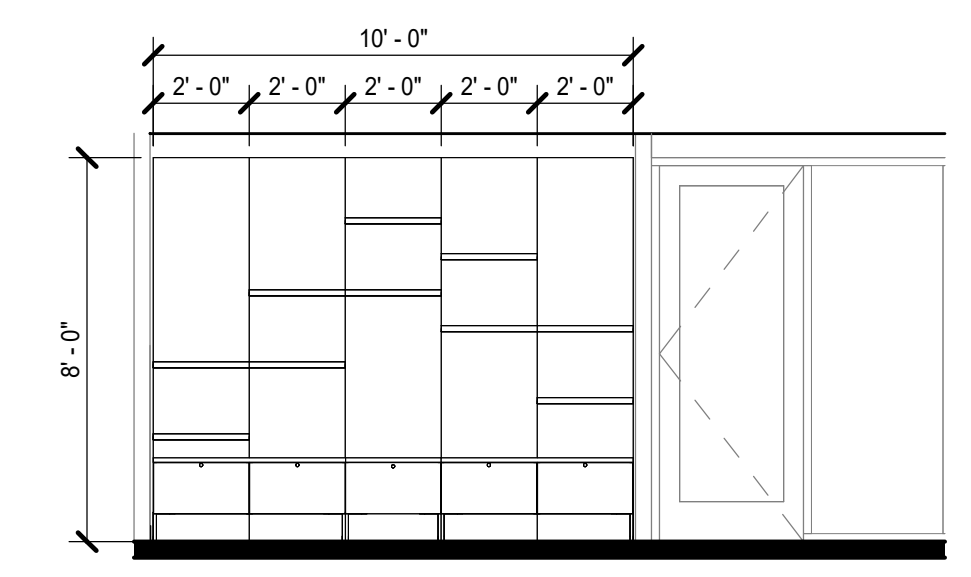
REPRESENTED BY [n]
APPLIES TO DRAWINGS A8.1 - A8.n

1	SOLID SURFACE COUNTERTOP
3	WALL BRACKET
4	STAINLESS STEEL COMMERCIAL SINK MODIFIED FOR TWO FAUCETS IN BACKSPASH REFER TO PLUMBING
5	ADA COMMERCIAL SINK
6	STEEL SHELF BRACKET
7	COPIER - NIC
9	BACKSPASH
10	METAL WALL HOOKS
12	TACKBOARD
13	2" GROMMET CENTER BETWEEN COUNTER SUPPORTS

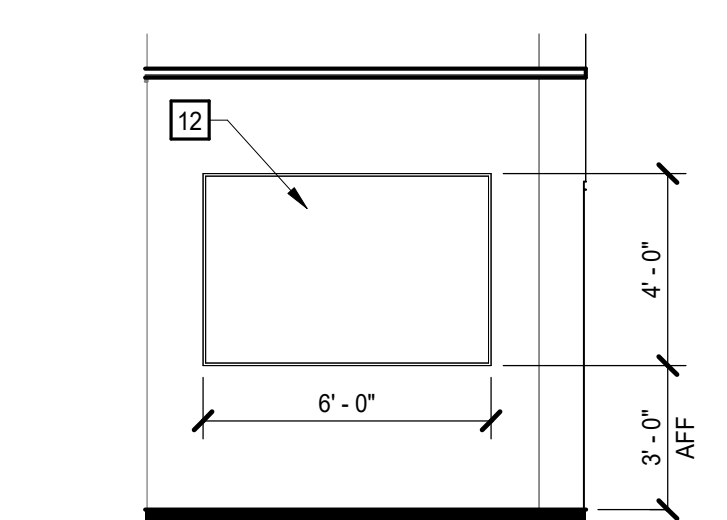
28 ENLARGED DISPLAY RETAIL
1/4" = 1'-0"



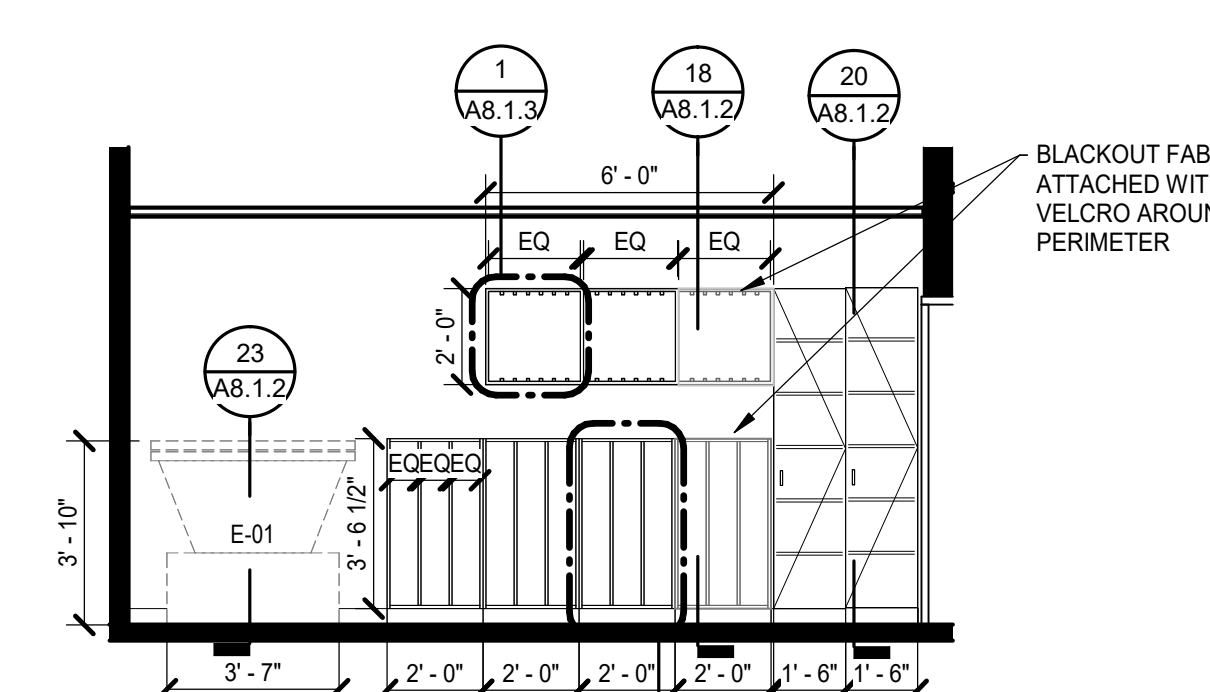
23 DISPLAY COUNTER FRONT ELEV
1/4" = 1'-0"



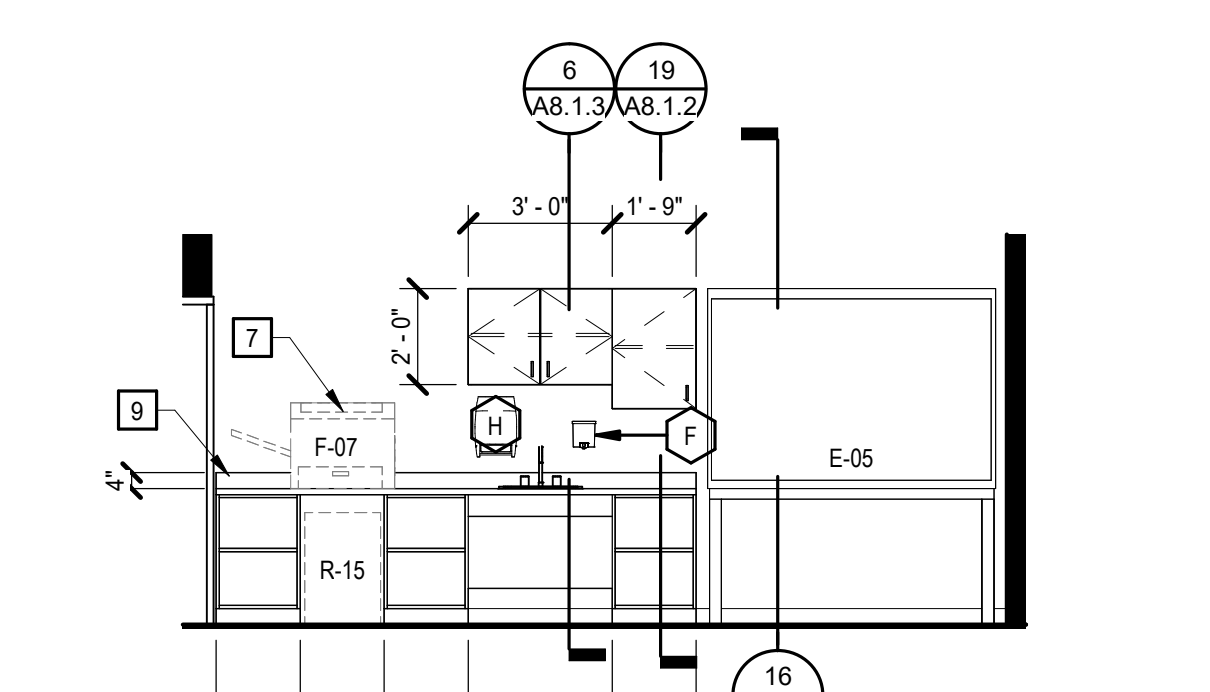
22 DISPLAY SHELVING ELEV 2
1/4" = 1'-0"



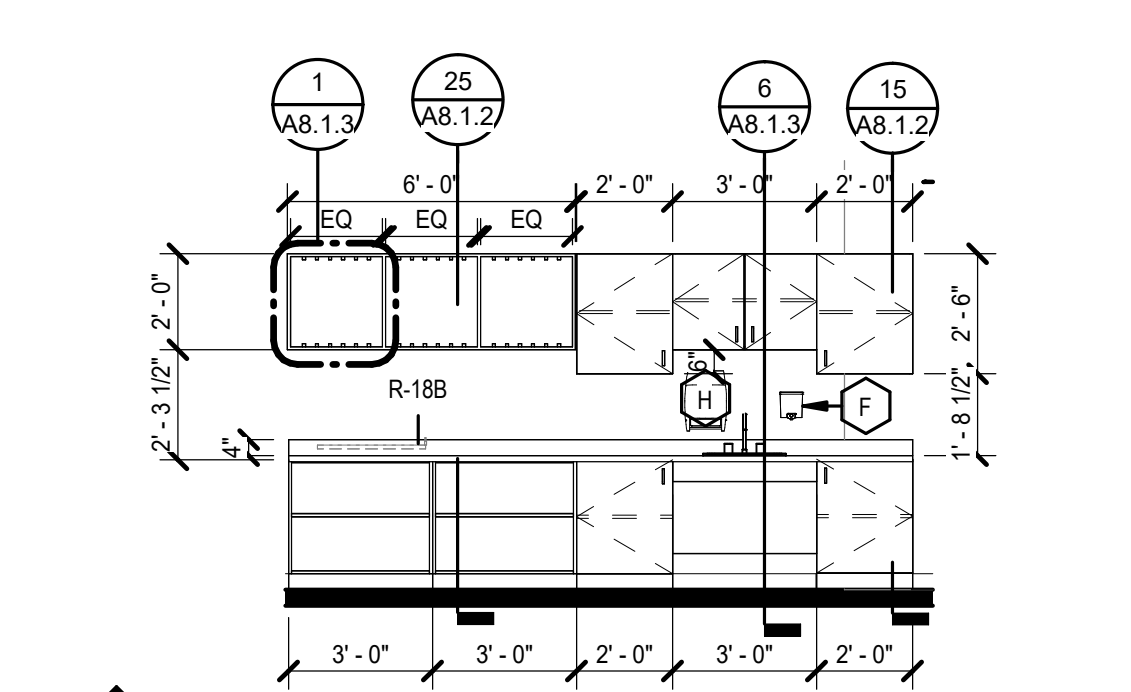
21 CORRIDOR ELEV 1
1/4" = 1'-0"



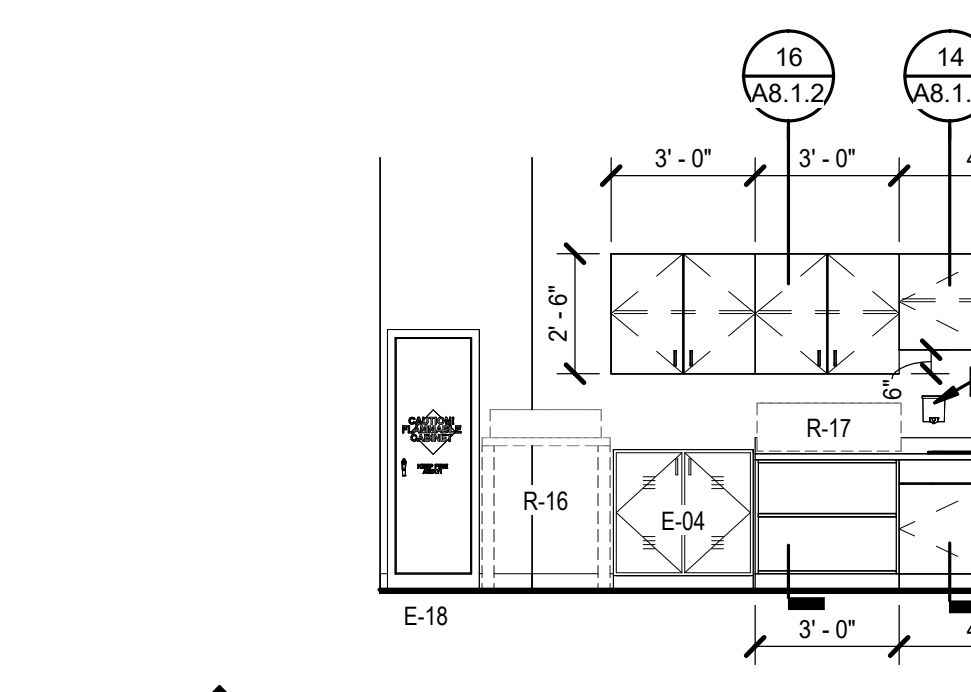
20 SILK SCREEN ELEV 2
1/4" = 1'-0"



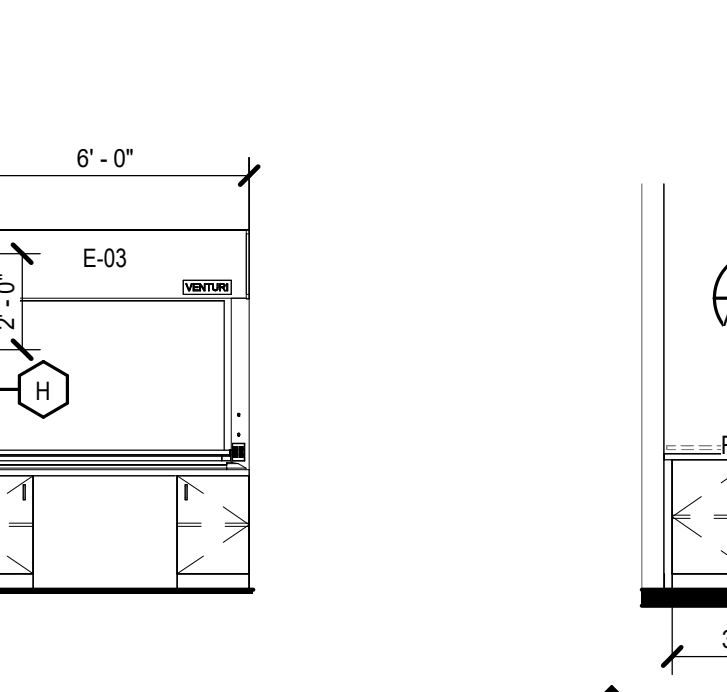
19 SILK SCREEN ELEV 1
1/4" = 1'-0"



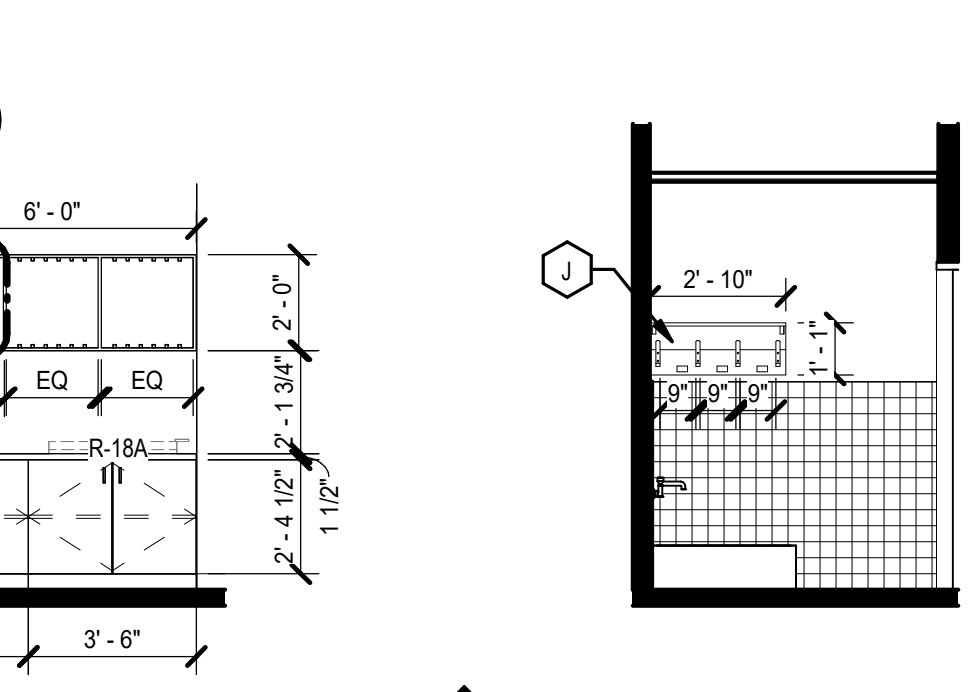
18 PRINTMAKING ELEV 3
1/4" = 1'-0"



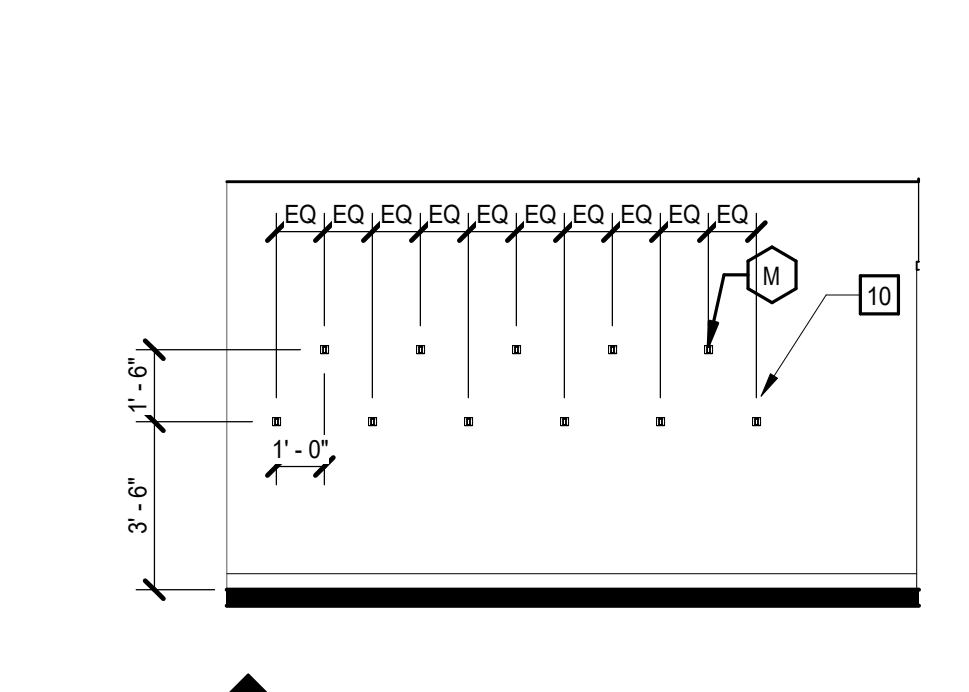
17 PRINTMAKING ELEV 2
1/4" = 1'-0"



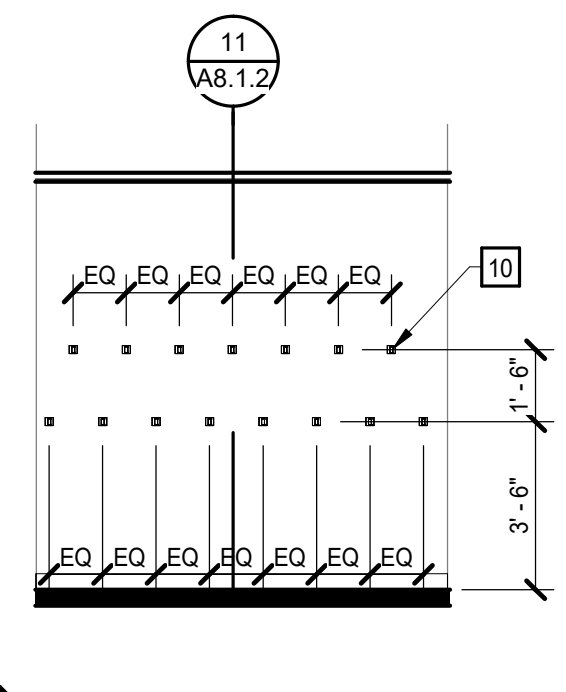
16 PRINTMAKING ELEV 1
1/4" = 1'-0"



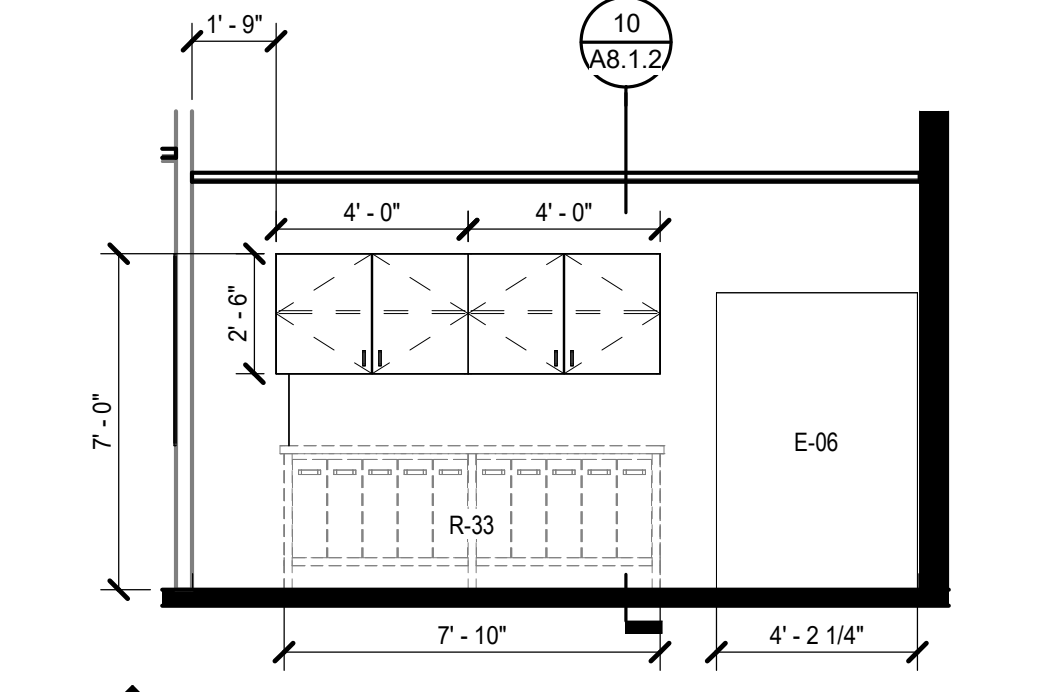
15 CUSTODIAL CLOSET ELEV
1/4" = 1'-0"



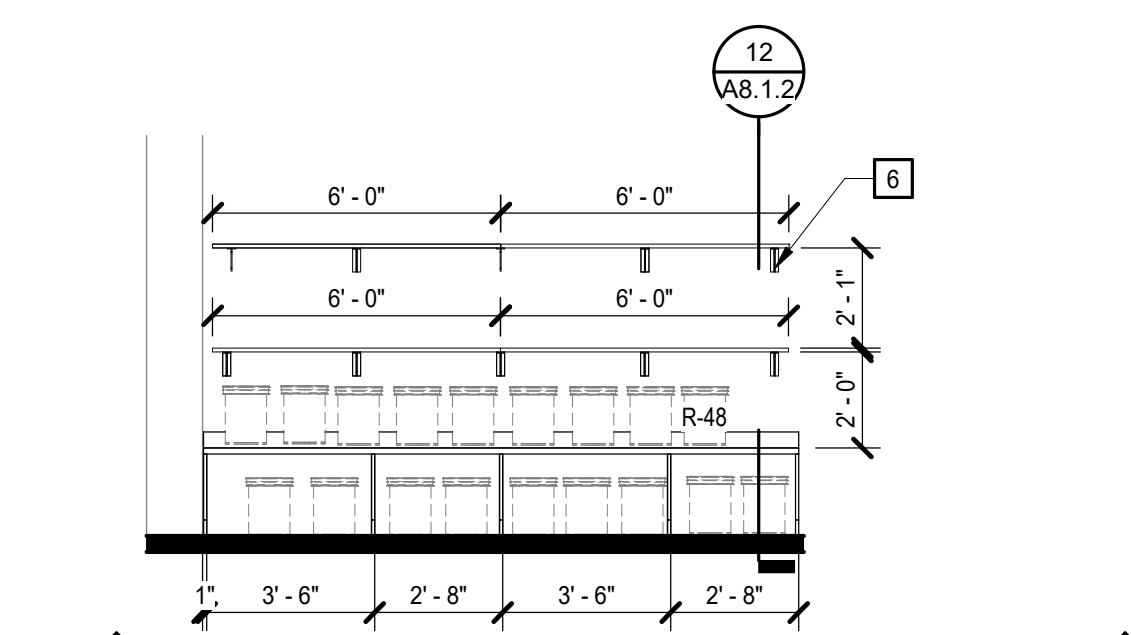
14 HOOKS ELEVATION
1/4" = 1'-0"



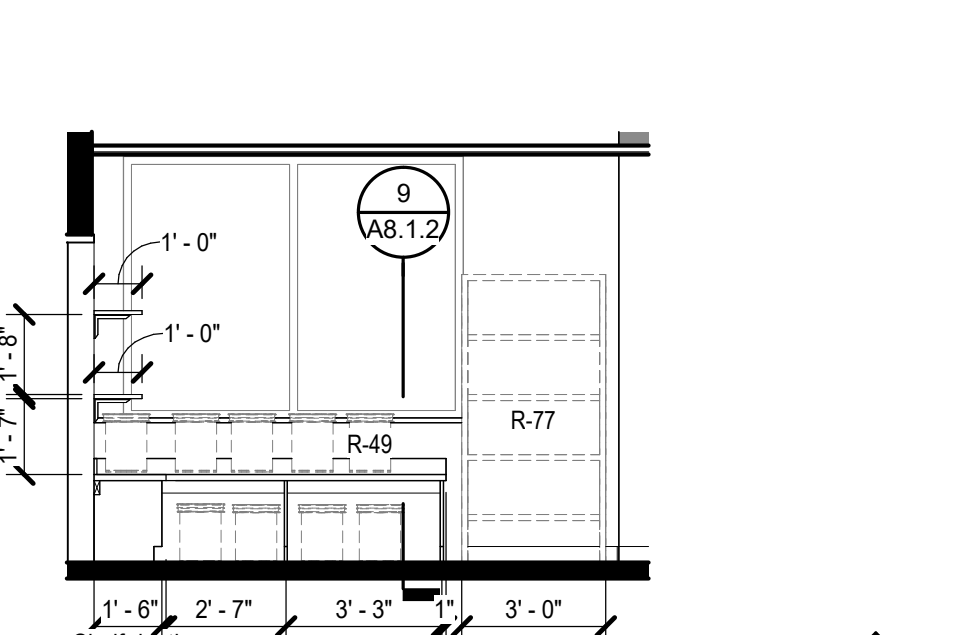
13 HOOK WALL ELEV
1/4" = 1'-0"



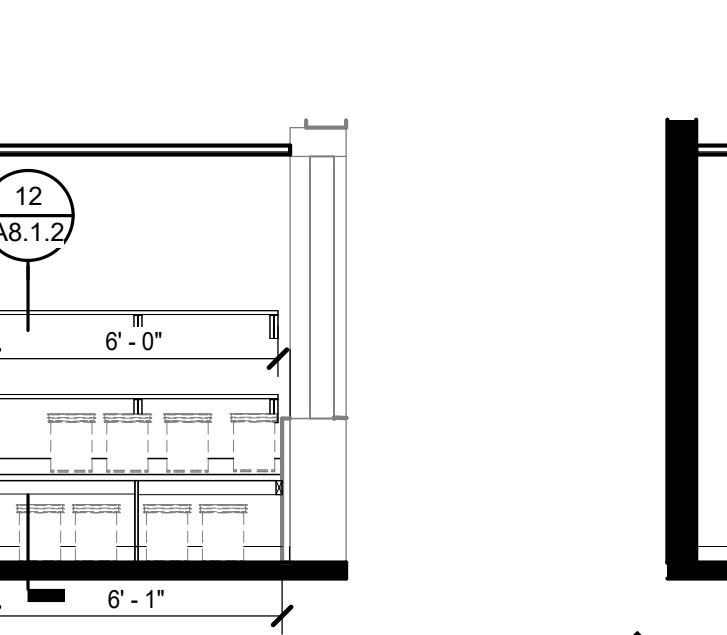
12 GLAZE ROOM ELEV
1/4" = 1'-0"



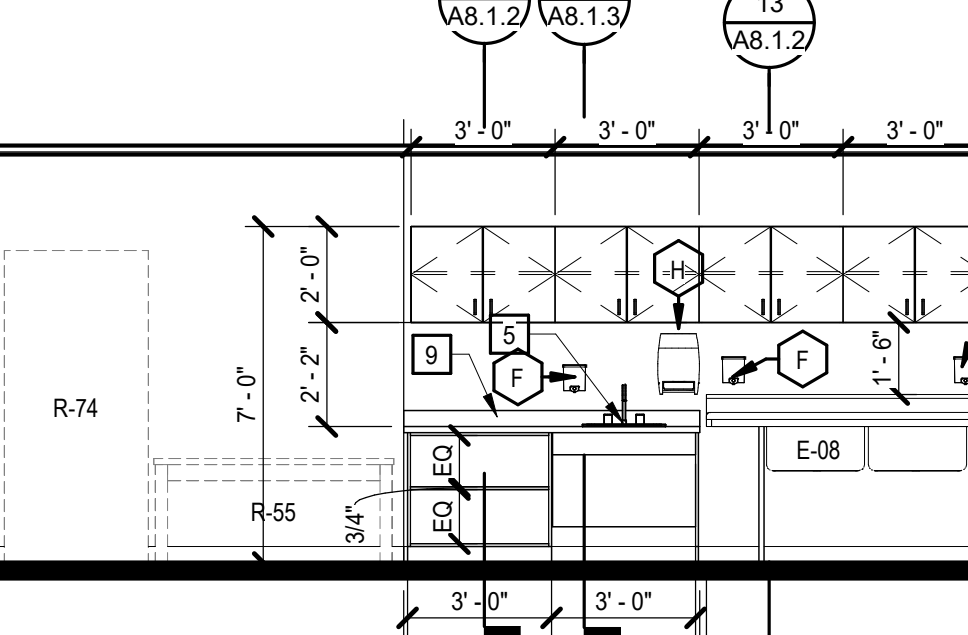
11 ELECTRIC GLAZE SHELVING ELEV
1/4" = 1'-0"



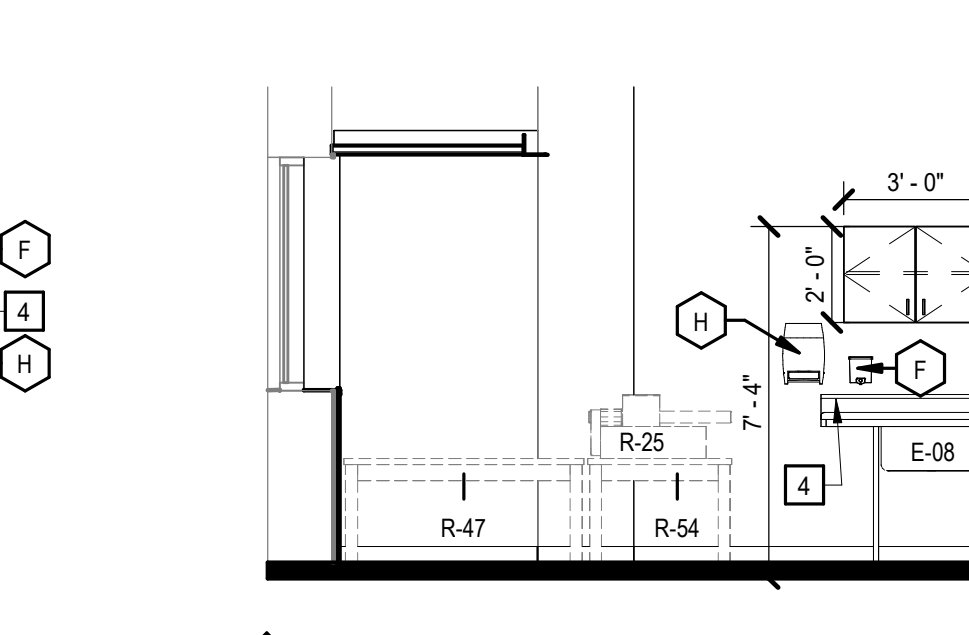
10 GAS GLAZE SHELVING ELEV 2
1/4" = 1'-0"



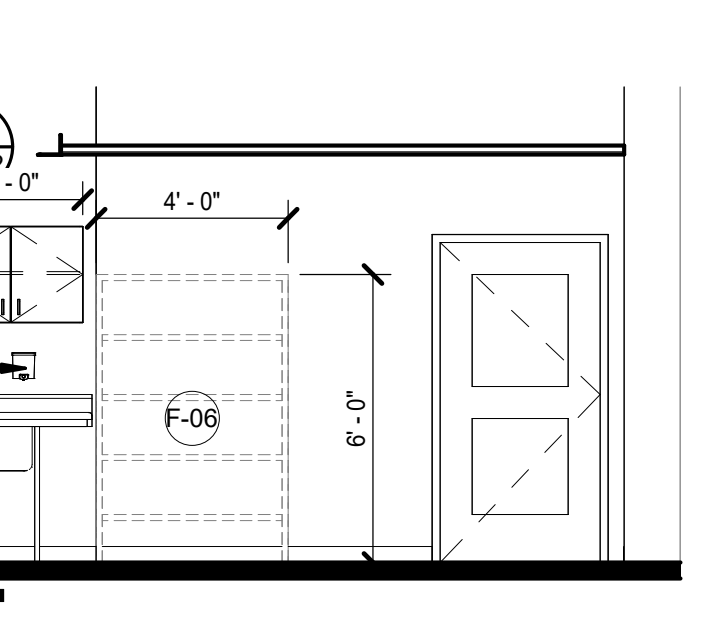
9 GAS GLAZE SHELVING ELEV 1
1/4" = 1'-0"



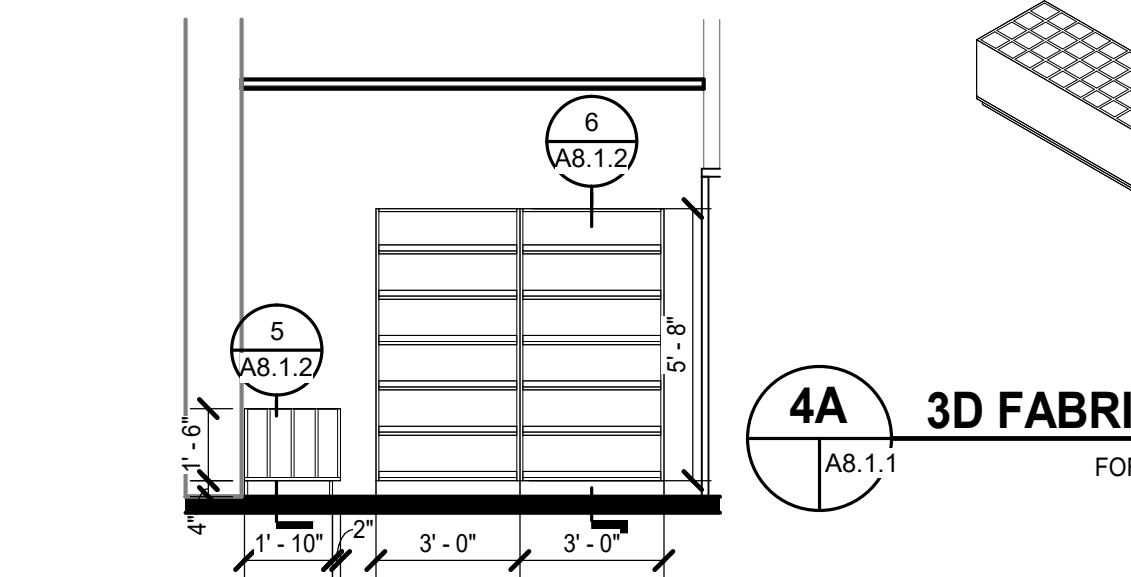
8 HANDBUILDING ELEV 2
1/4" = 1'-0"



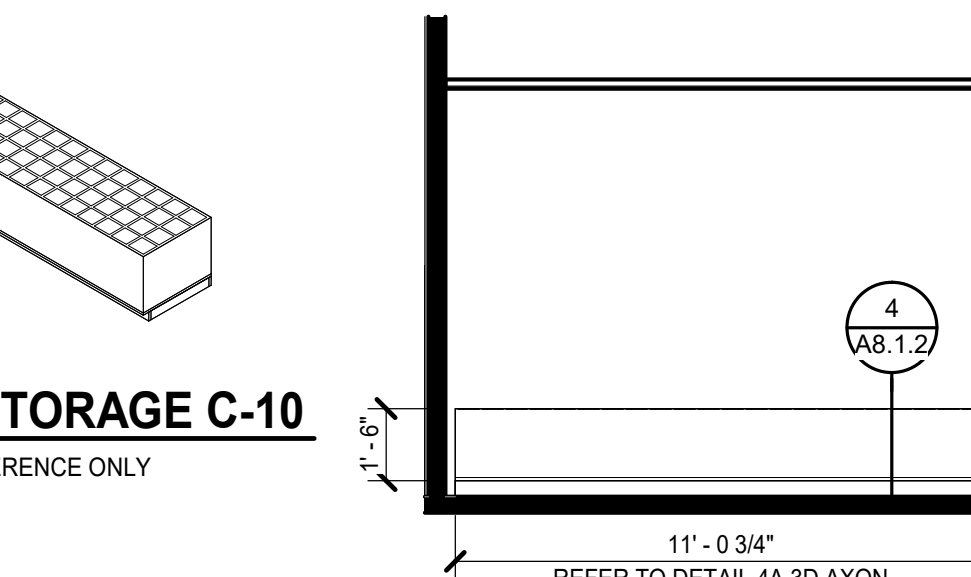
7 HANDBUILDING ELEV 1
1/4" = 1'-0"



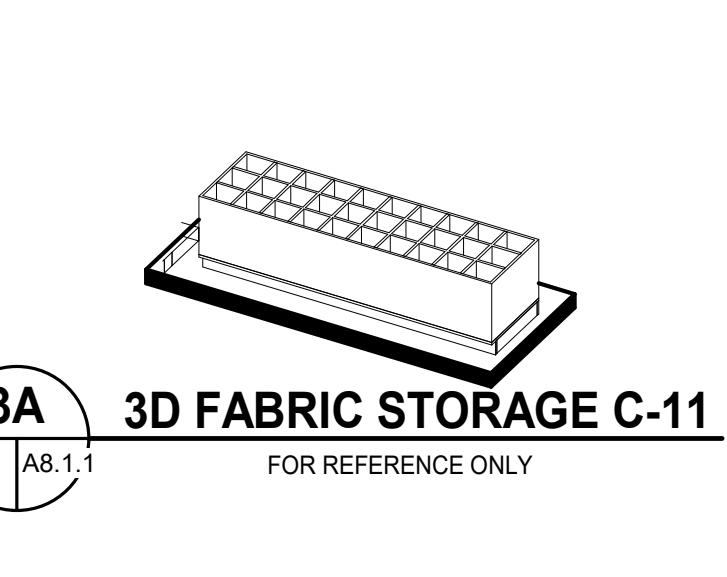
6 DYE ROOM CASEWORK ELEV
1/4" = 1'-0"



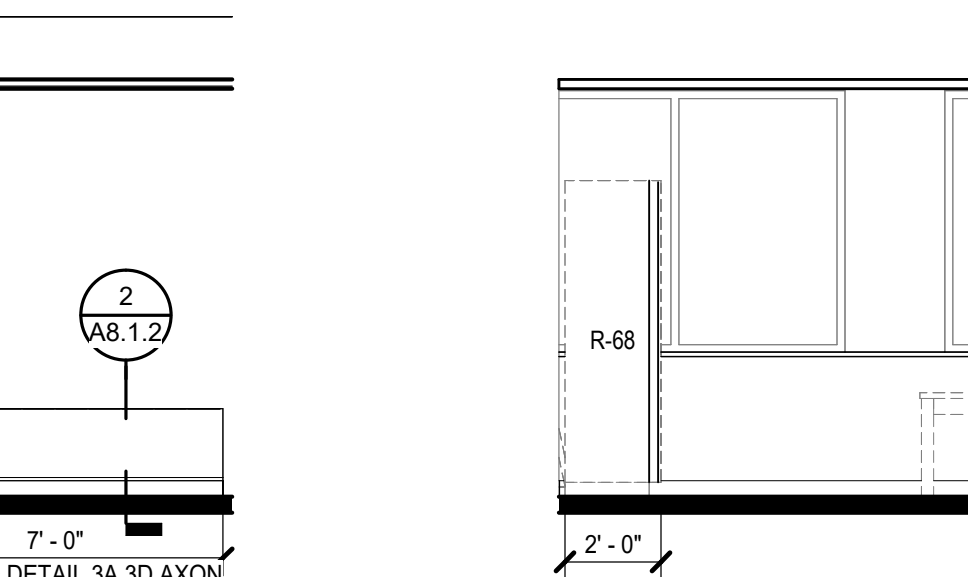
5 FABRIC STORAGE ELEV 3
1/4" = 1'-0"



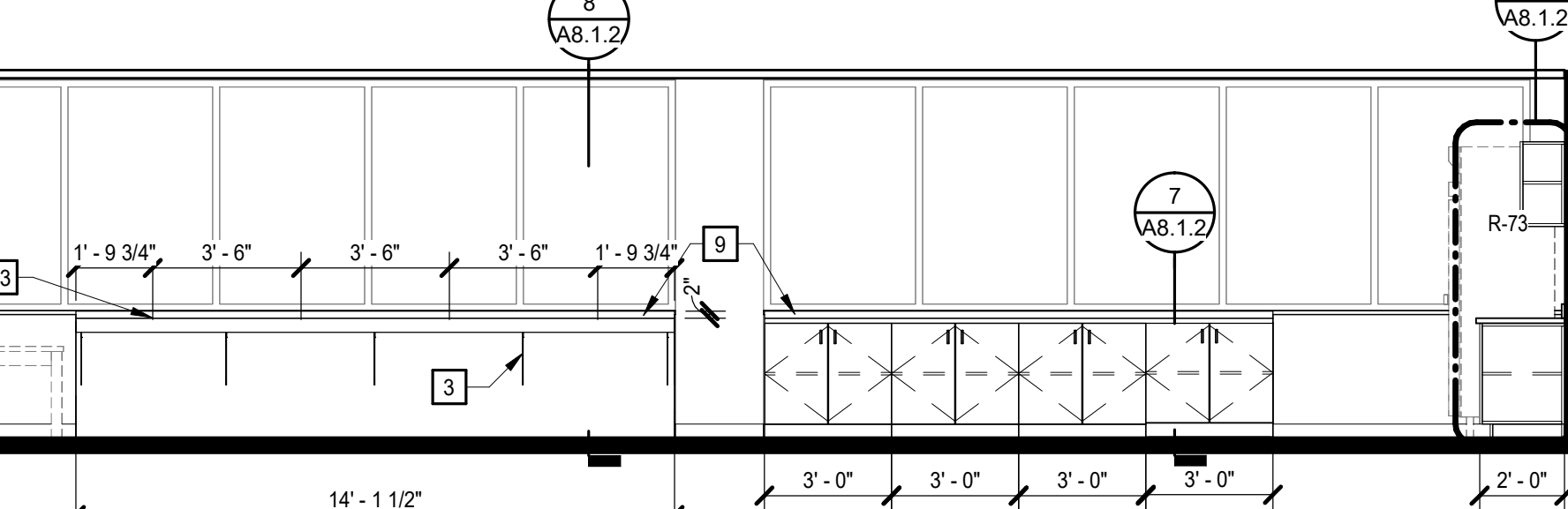
4 FABRIC STORAGE ELEV 2
1/4" = 1'-0"



3 FABRIC STORAGE ELEV 1
1/4" = 1'-0"



2 TEXTILES ELEV 2
1/4" = 1'-0"



1 TEXTILES ELEV 1
1/4" = 1'-0"



4A 3D FABRIC STORAGE C-10
FOR REFERENCE ONLY

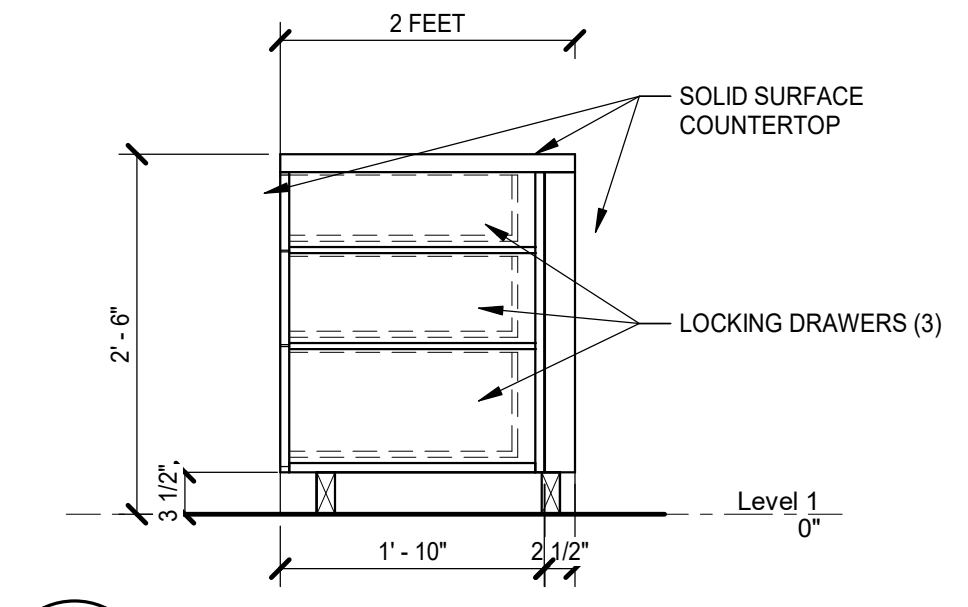


3A 3D FABRIC STORAGE C-11
FOR REFERENCE ONLY

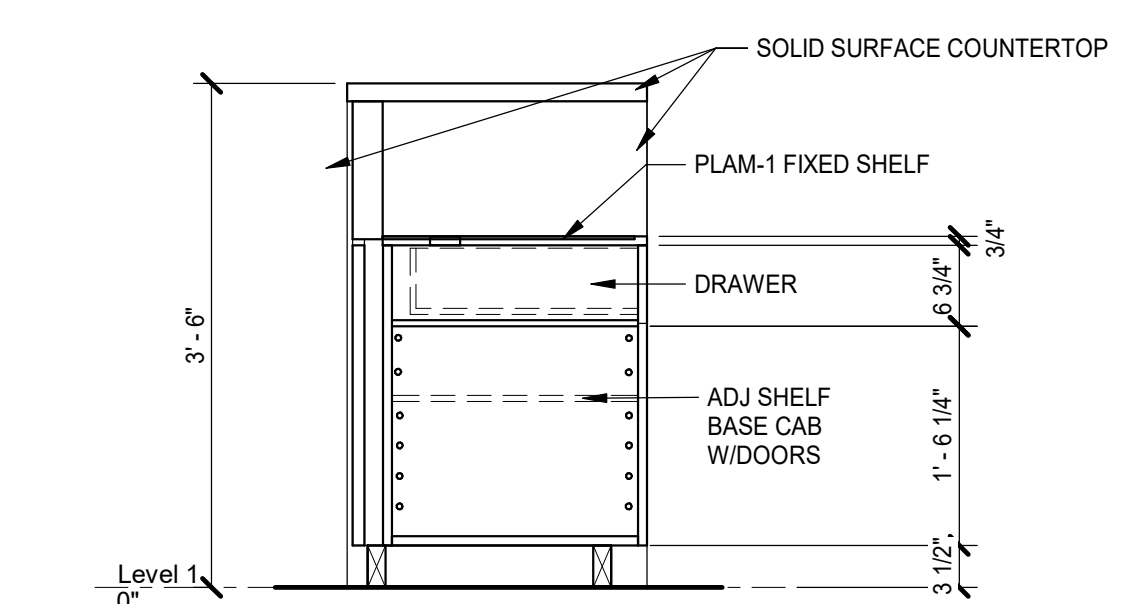
PROJECT NO:	624801
DATE:	DECEMBER 15, 2023
REVISIONS:	
DATE:	DESCRIPTION
12.15.23	BID SET

CASEWORK AND EQUIPMENT GENERAL NOTES

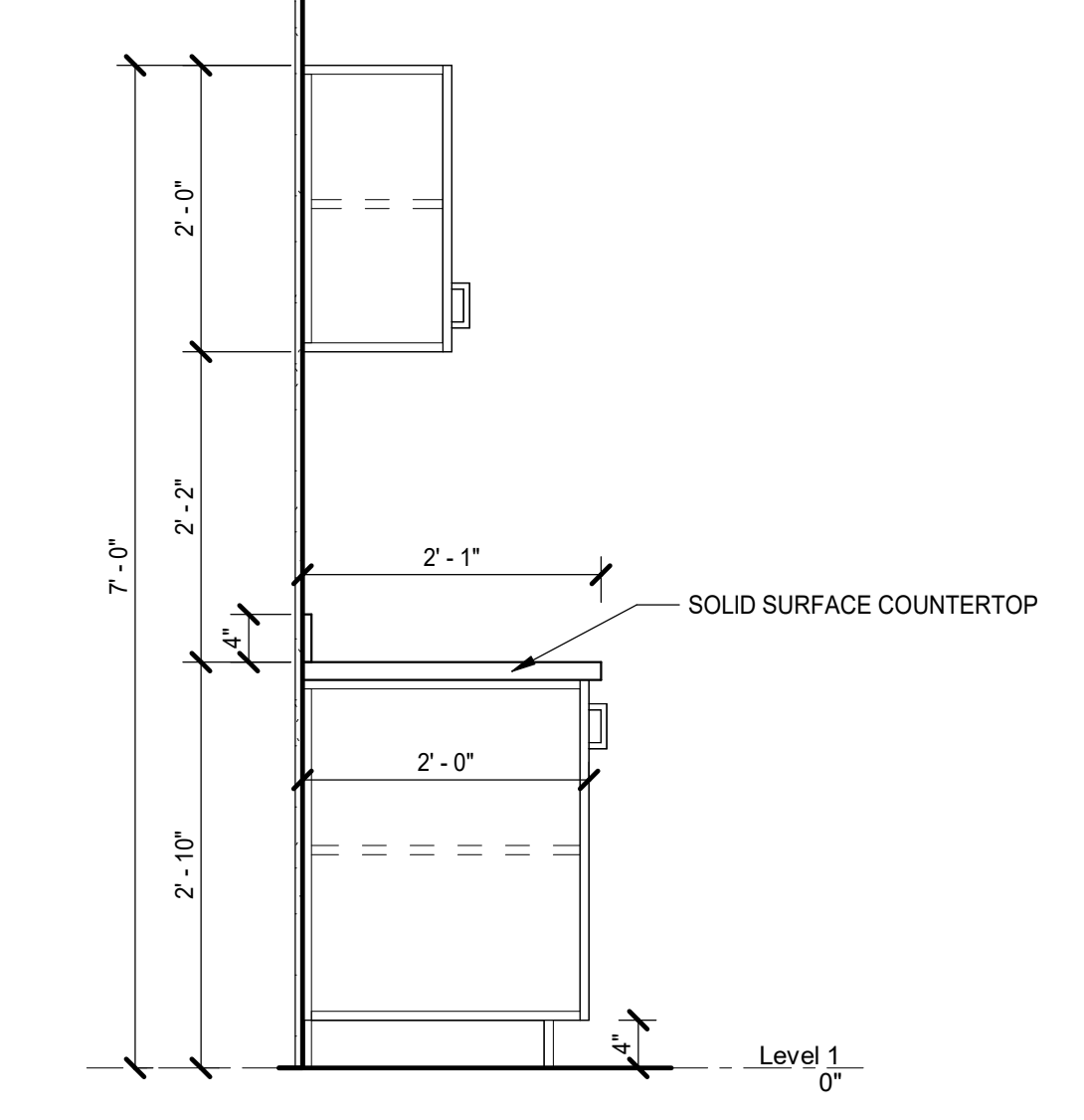
- A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S) OCCURS
 - 2'-10" AFF OR 2'-10" TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
 - 2'-1" DEEP
 - SOLID SURFACE COUNTERTOP
 - BACKSPASHES: 2" OR 4" HIGH AT ALL SIDES AND BACK (SEE ELEVATIONS)
- B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):
 - 2'-0" DEEP NOMINAL
 - TOE KICKS: 4" HIGH AND 3" DEEP
 - SINK LOCATION: 3'-0" WIDE CLEAR KNEE SPACE (NO BASE CABINET) FOR BARRIER FREE ACCESS
- C. UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):
 - 1'-0 1/2" DEEP NOMINAL
 - 2'-3" HIGH
 - TOP AT 7'-0" AFF
 - MINIMUM 11" CLEAR INTERIOR DEPTH
- D. BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.
- E. ALL SHELVES: ADJUSTABLE UNLESS INDICATED OTHERWISE.
- F. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.
- G. LOCKS: ALL BASE AND WALL CABINETS, KEYPED PER ROOM UNLESS INDICATED OTHERWISE.
- H. UNLESS INDICATED OTHERWISE, TYPICAL LAMINATE FOR ALL CASEWORK TO BE PLAM-1.
- I. ITEMS SHOWN DASHED ARE OWNER FURNISHED AND INSTALLED. ITEMS SHOWN SOLID ARE CONTRACTOR INSTALLED IF NUMBER BEGINS WITH AN "R" PREFIX AND CONTRACTOR INSTALLED AND FURNISHED IF NUMBER BEGINS WITH AN "E" PREFIX.



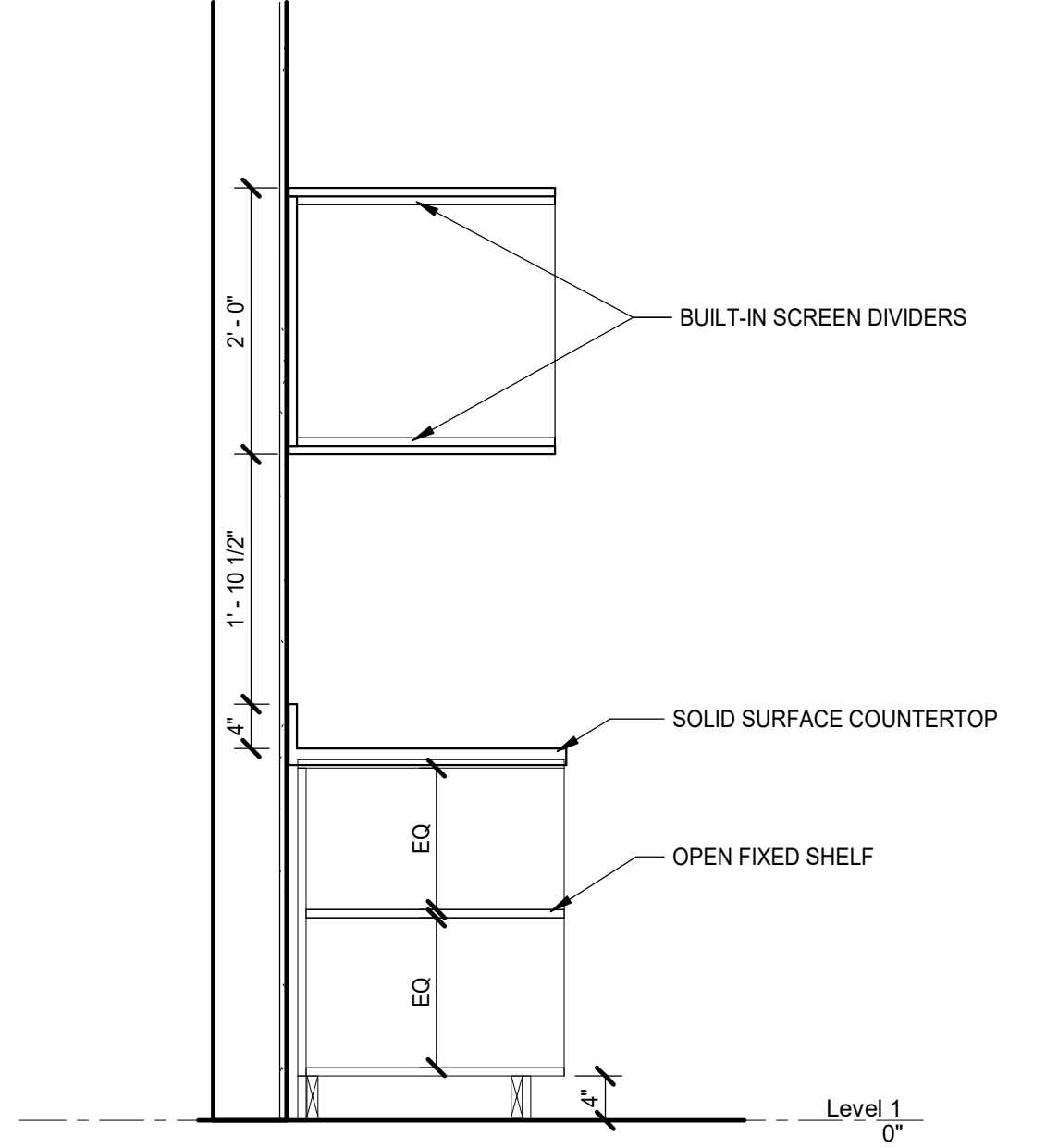
23 DISPLAY COUNTER SECTION 2
 A8.1.1 | A8.1.2 3/4" = 1'-0"



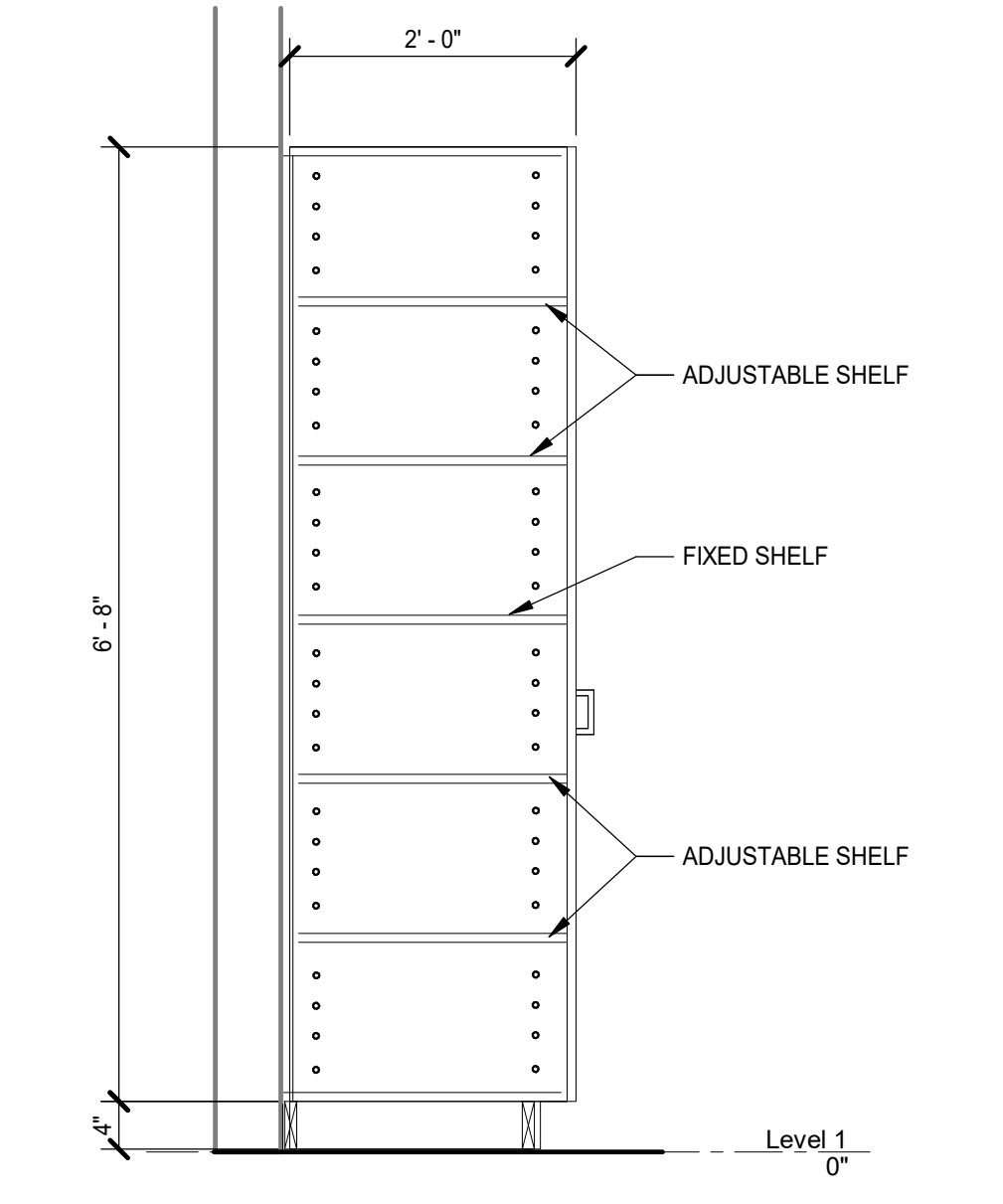
22 DISPLAY COUNTER SECTION 1
 A8.1.1 | A8.1.2 3/4" = 1'-0"



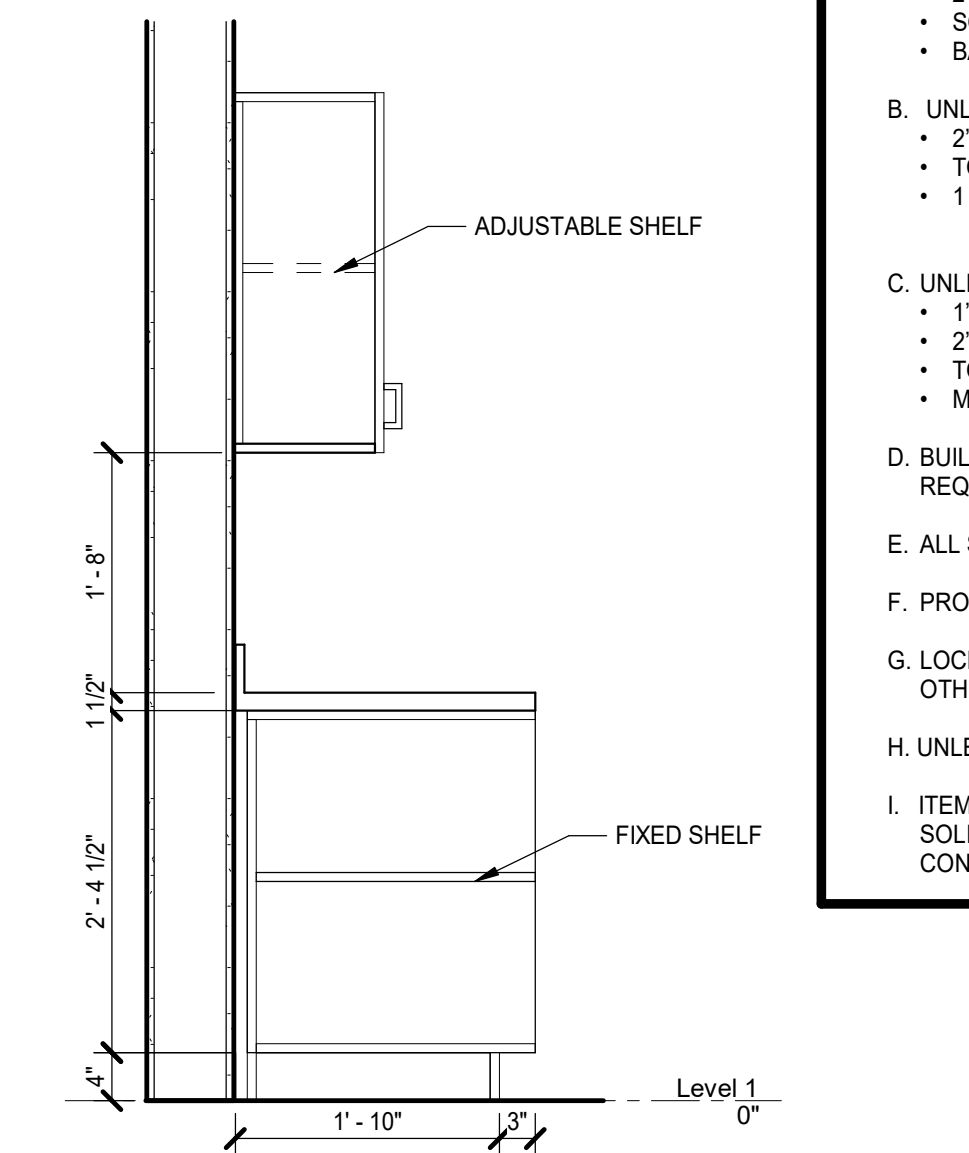
21 CASEWORK SECTION TEXTILES
 A8.1.1 | A8.1.2 3/4" = 1'-0"



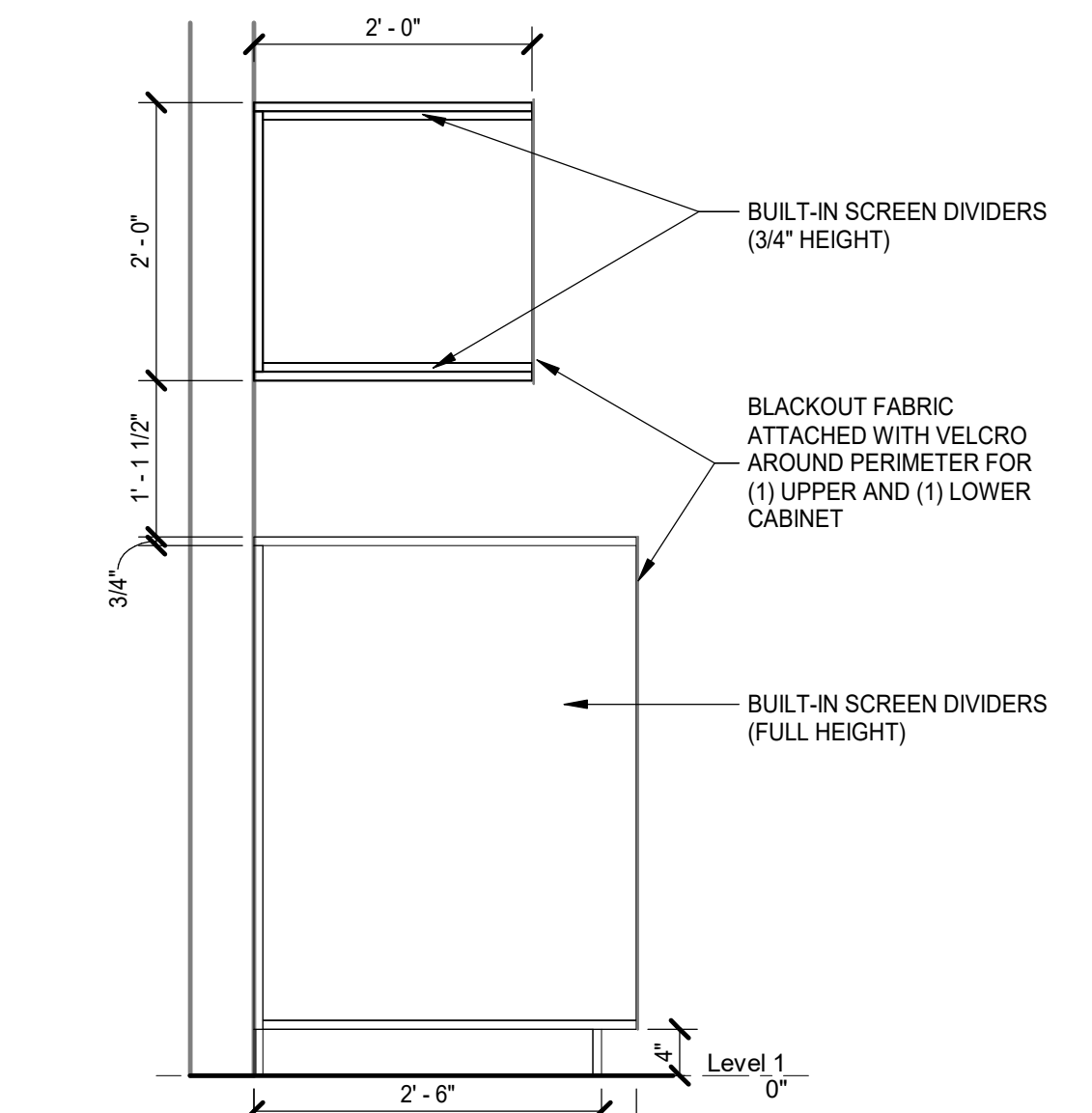
25 PRINTMAKING SCREEN & BASE SECTION 2
 A8.1.1 | A8.1.2 3/4" = 1'-0"



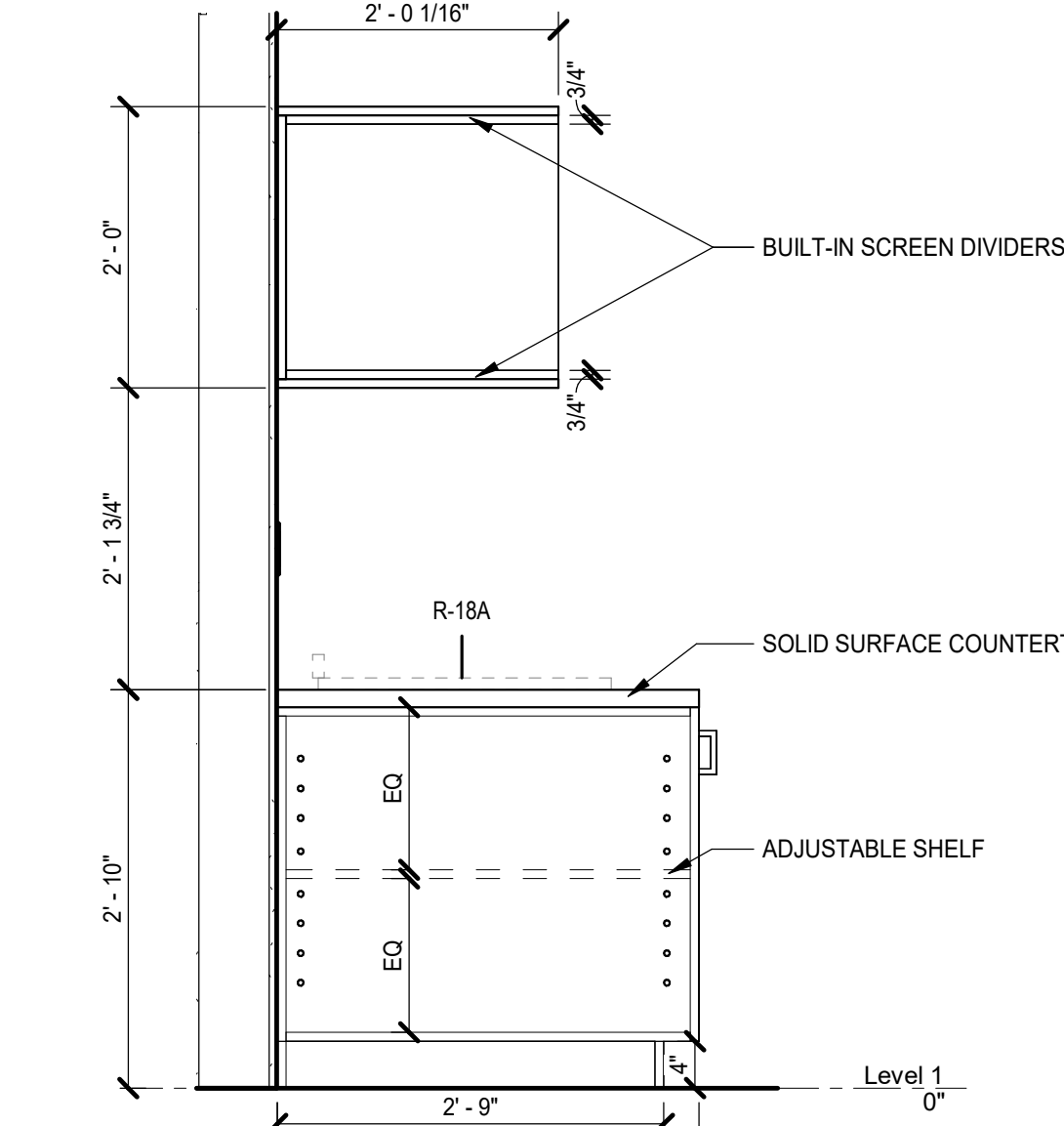
20 C-01 CABINET W/ SHELVES SECTION
 A8.1.1 | A8.1.2 3/4" = 1'-0"



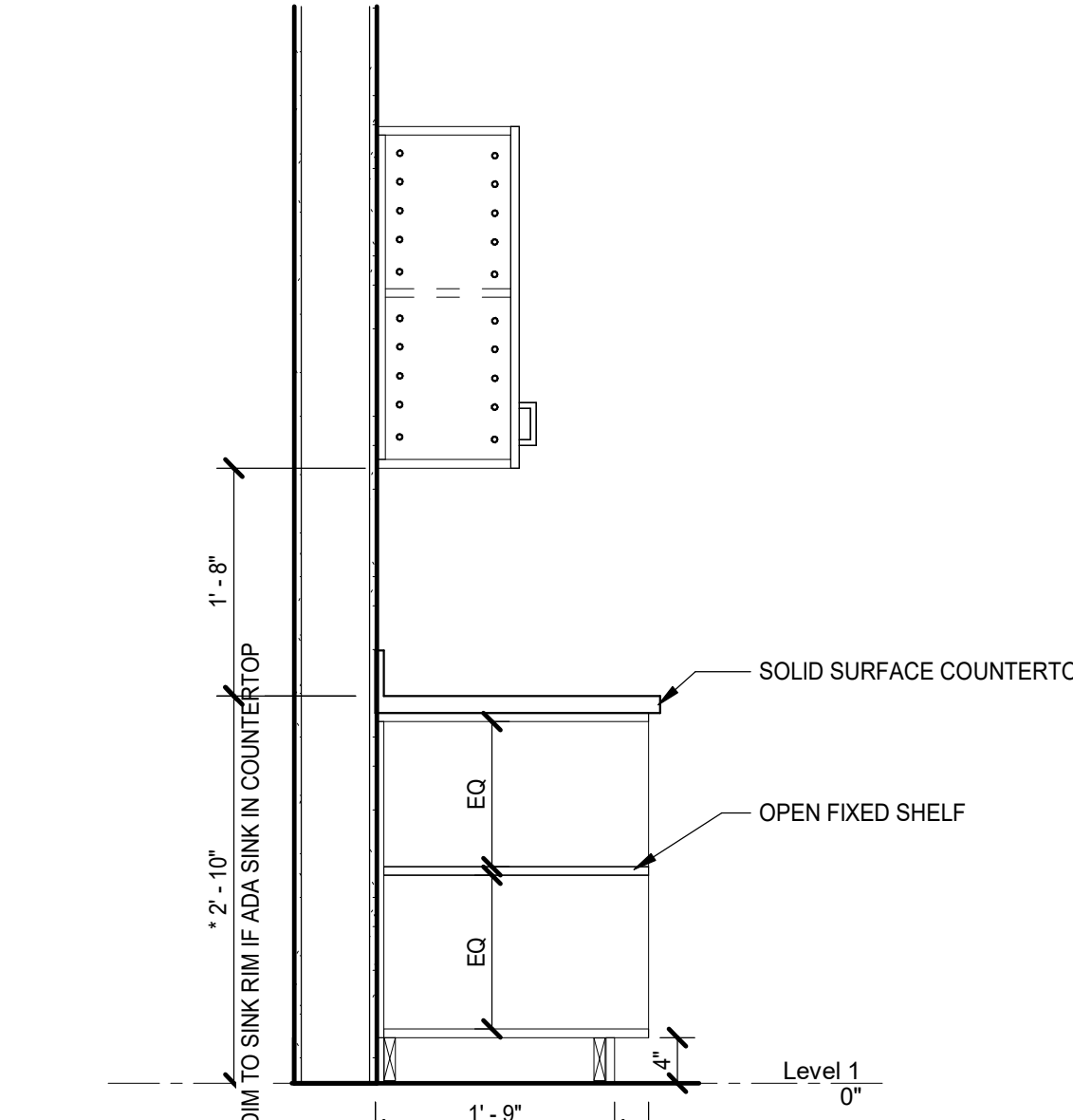
19 SILK SCREEN WALL & BASE CABINET
 A8.1.1 | A8.1.2 3/4" = 1'-0"



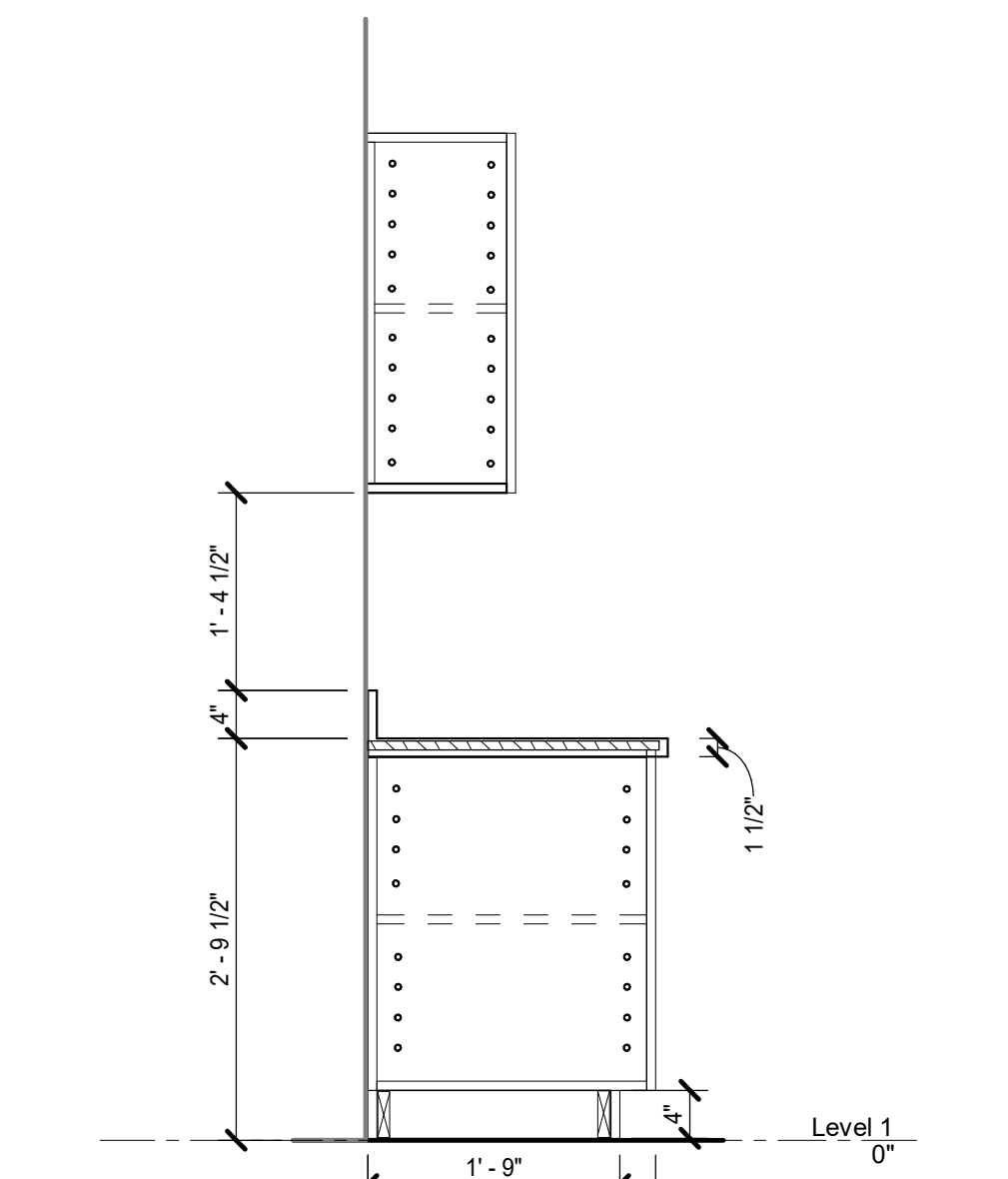
18 SILK SCREEN STORAGE SECTION
 A8.1.1 | A8.1.2 3/4" = 1'-0"



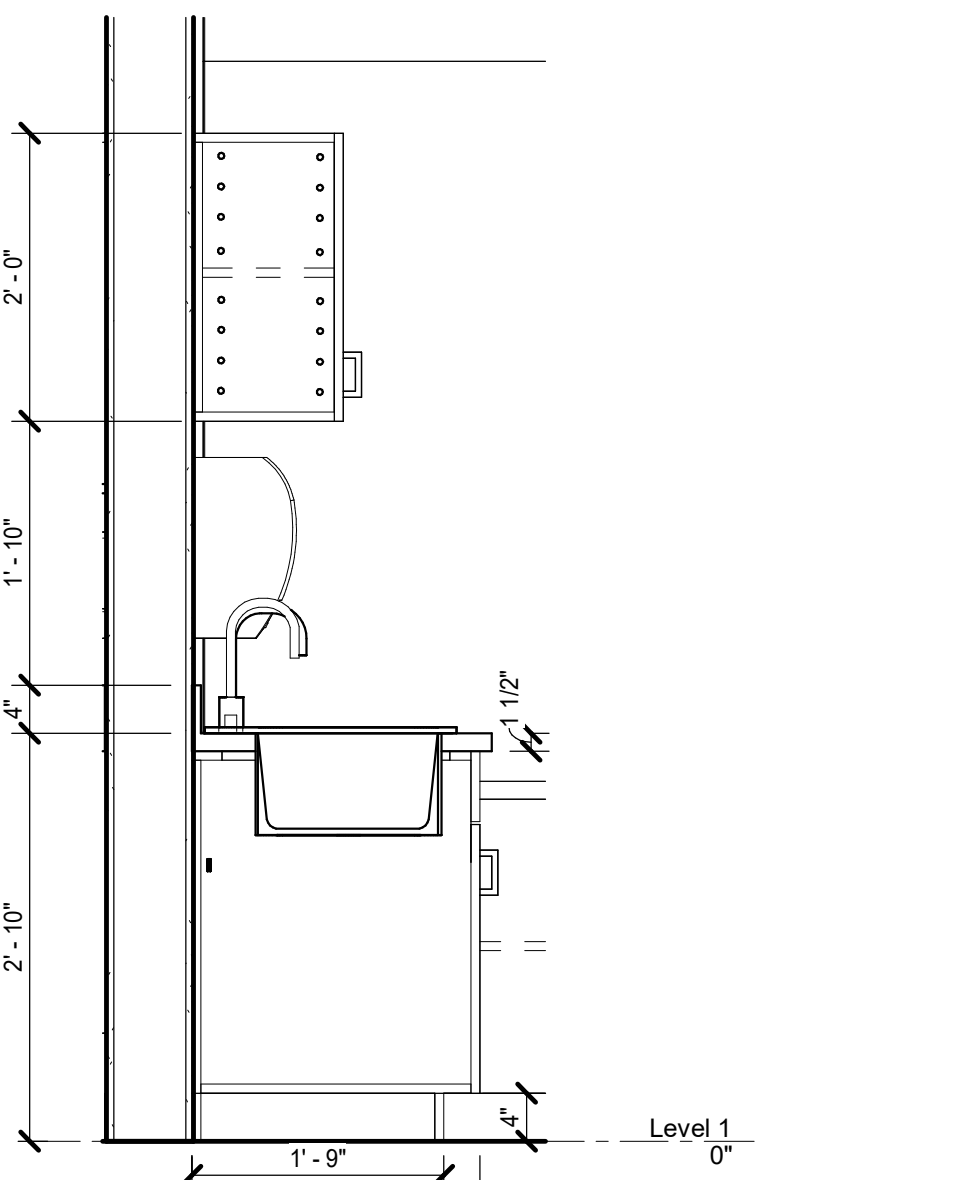
17 PRINTMAKING SCREEN & BASE SECTION
 A8.1.1 | A8.1.2 3/4" = 1'-0"



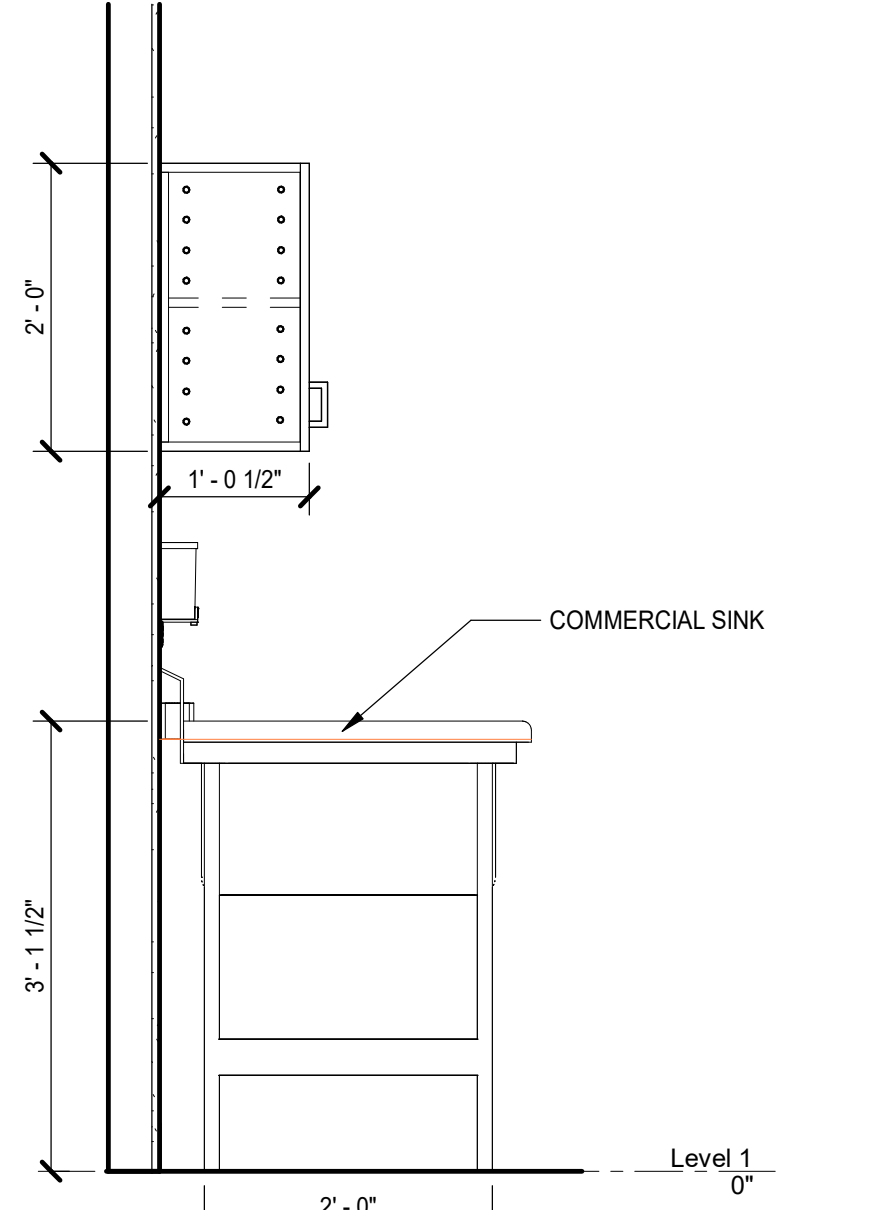
16 PRINTMAKING BASE SHELVES W/ COUNTERTOP
 A8.1.1 | A8.1.2 3/4" = 1'-0"



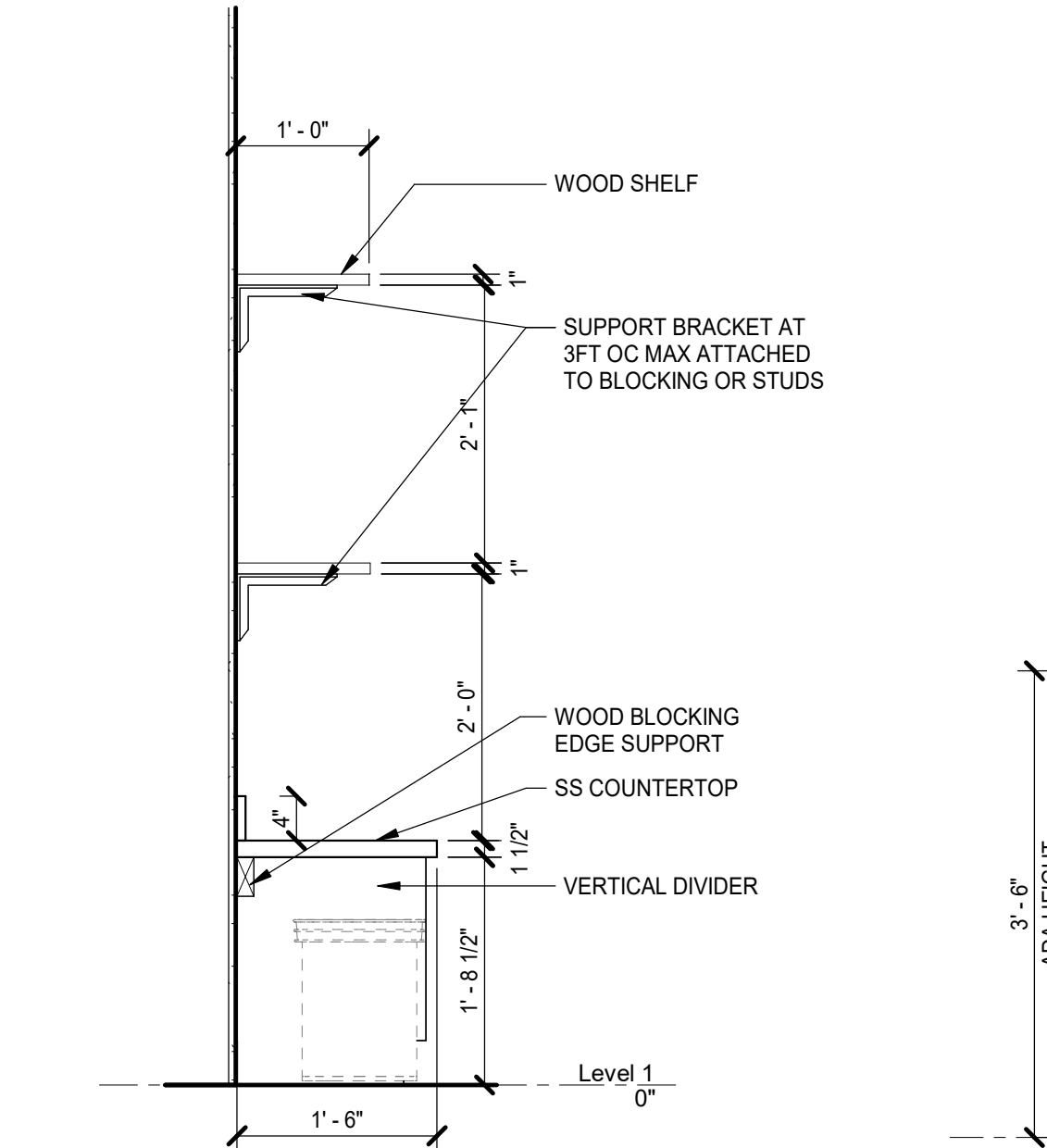
15 PRINTMAKING 30" WALL & BASE
 A8.1.1 | A8.1.2 3/4" = 1'-0"



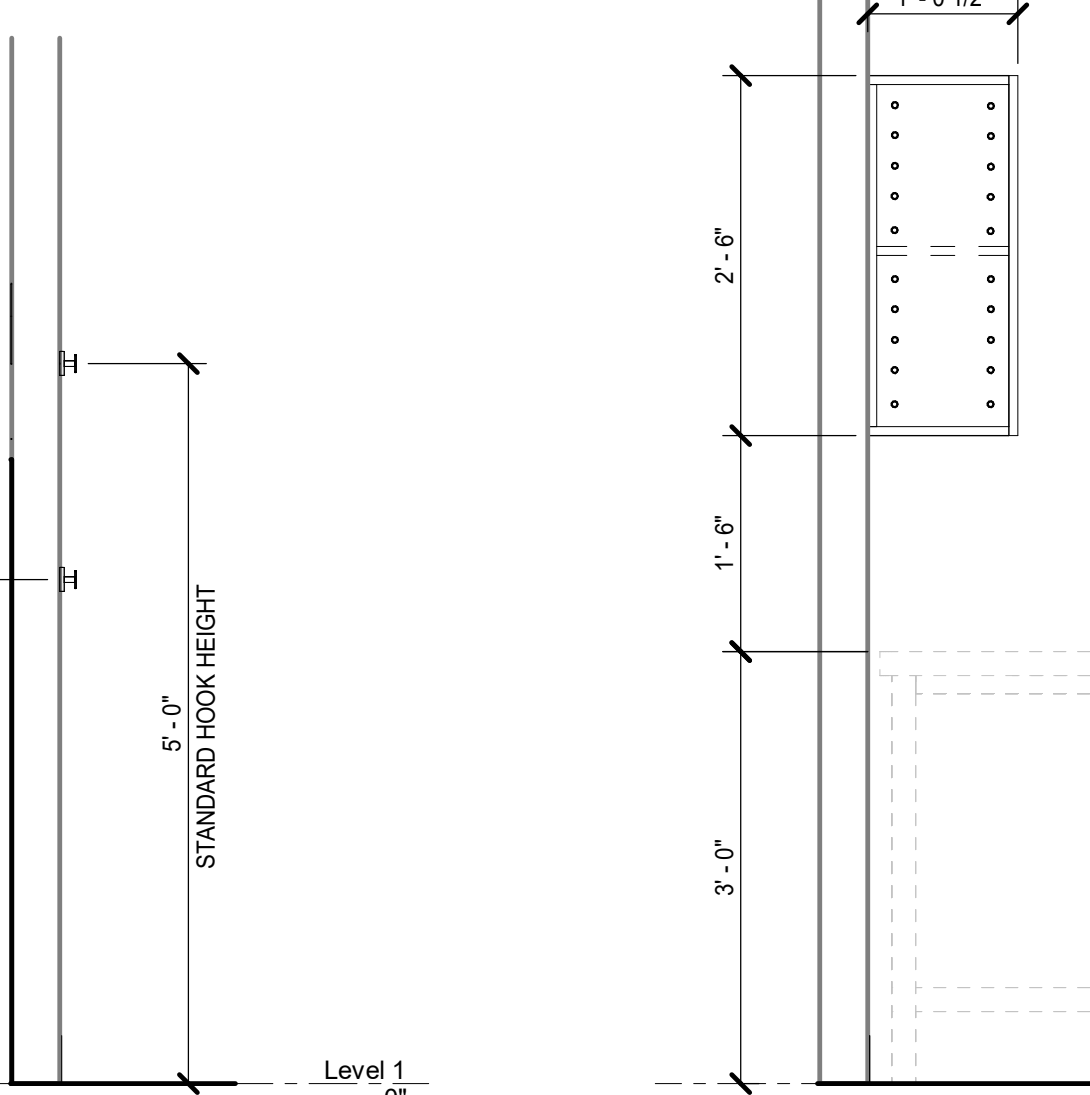
14 PRINTMAKING 24" WALL & BASE
 A8.1.1 | A8.1.2 3/4" = 1'-0"



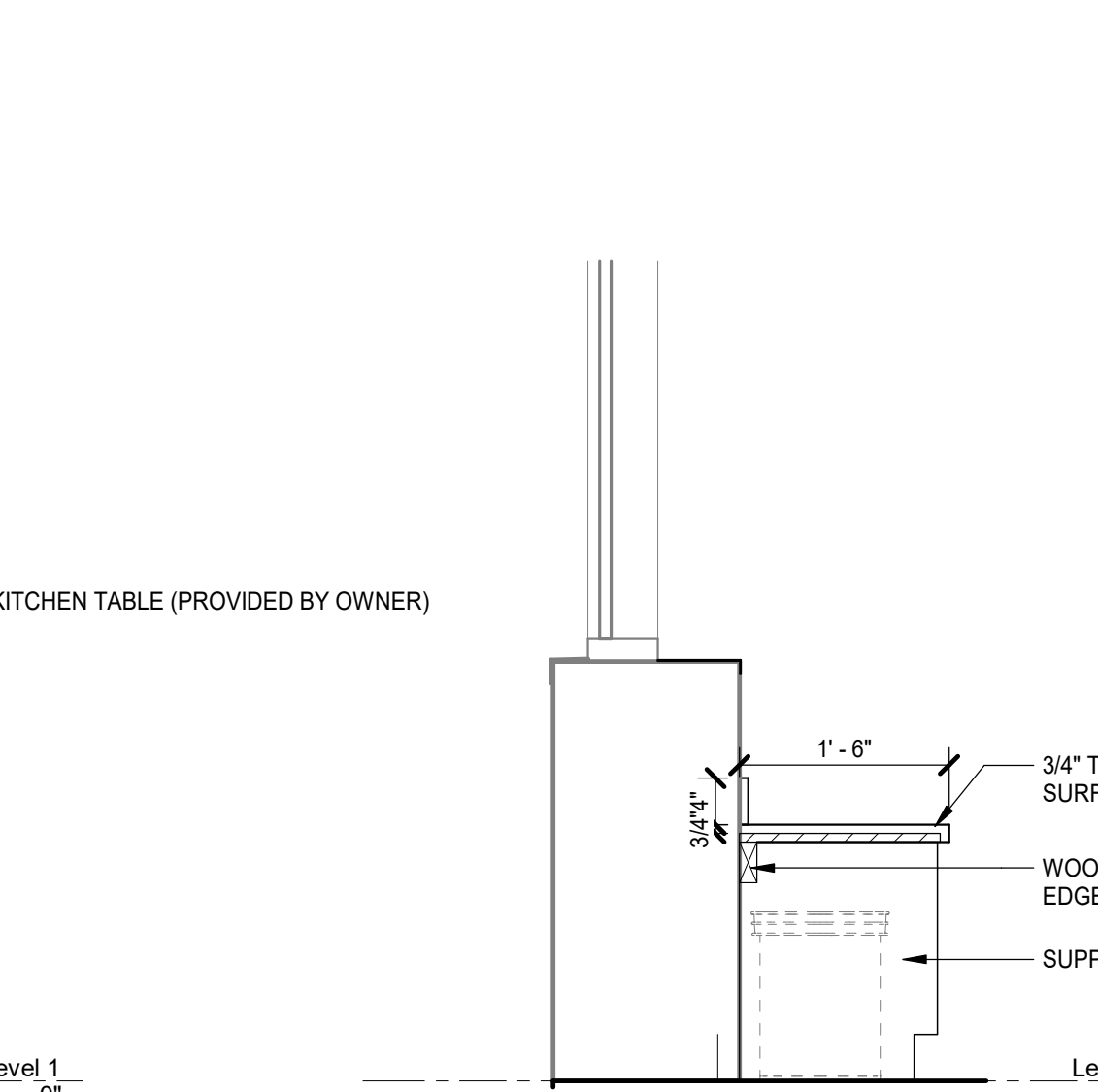
13 HANDBUILDING WALL BASE
 A8.1.1 | A8.1.2 3/4" = 1'-0"



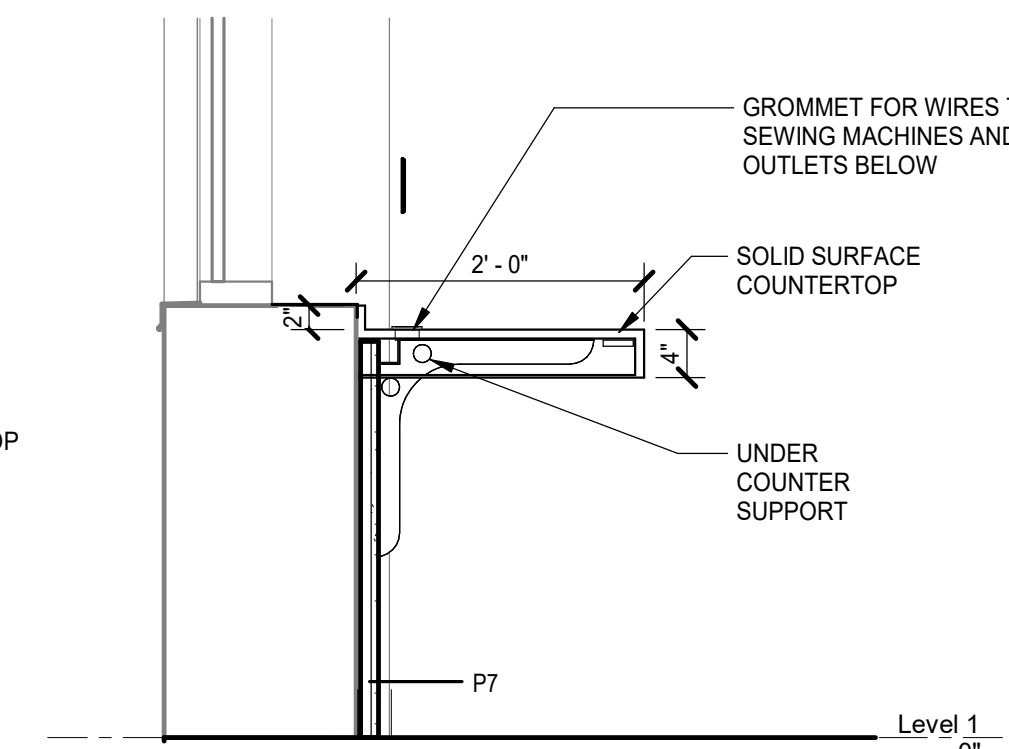
12 TYP GLAZE WALL SHELVING
 A8.1.1 | A8.1.2 3/4" = 1'-0"



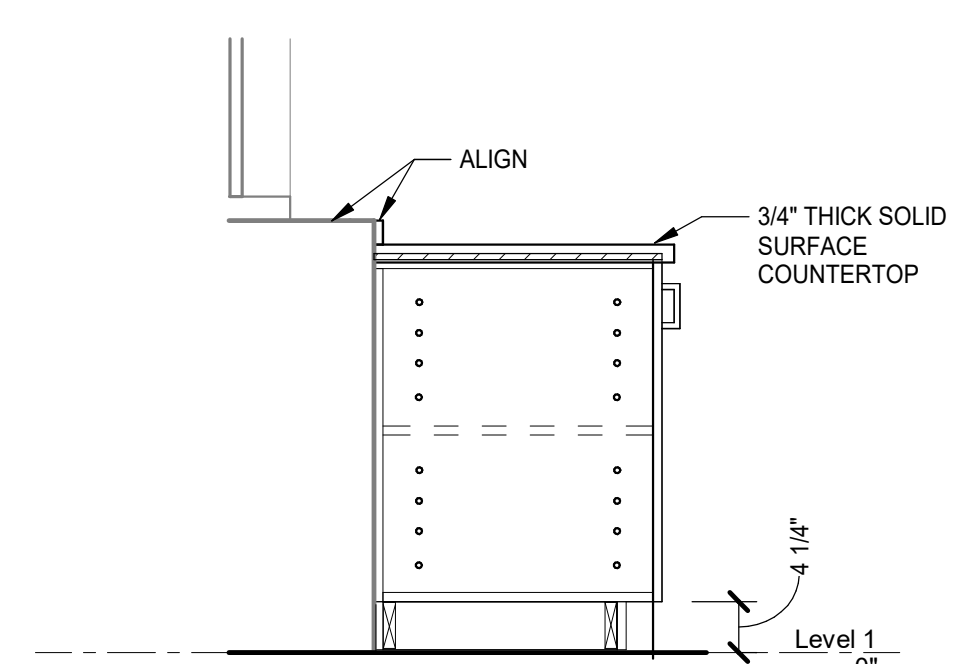
11 WALL HOOK SECTION
 A8.1.1 | A8.1.2 3/4" = 1'-0"



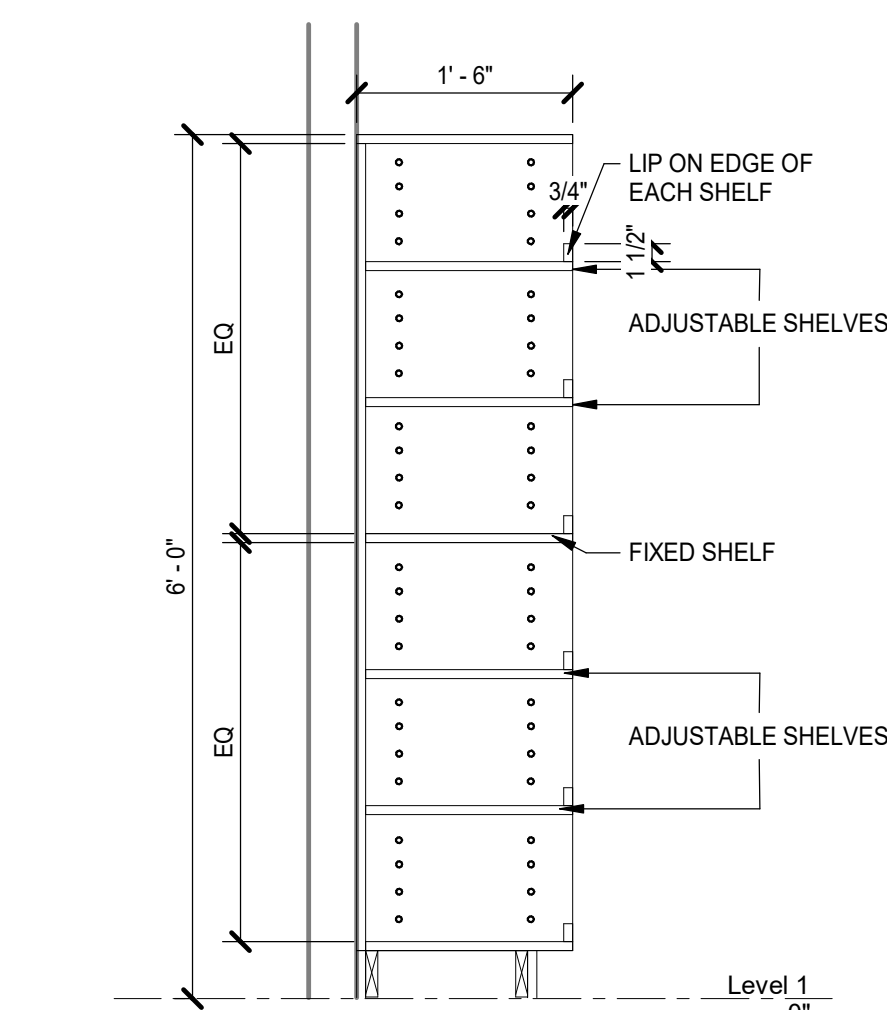
10 GLAZE ROOM WALL BASE SECTION
 A8.1.1 | A8.1.2 3/4" = 1'-0"



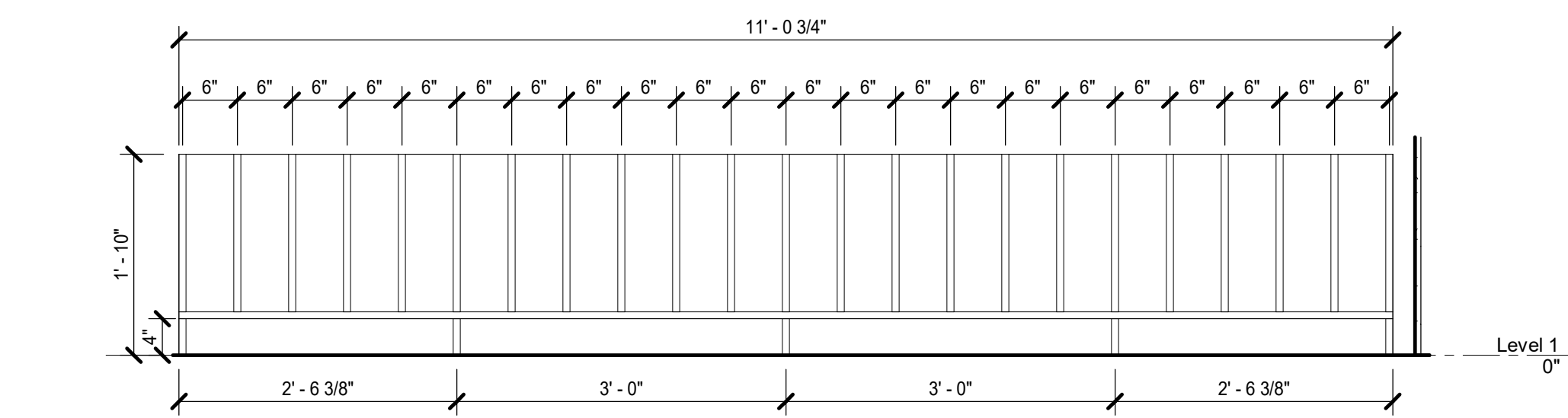
9 TYP GLAZE COUNTER SHELF
 A8.1.1 | A8.1.2 3/4" = 1'-0"



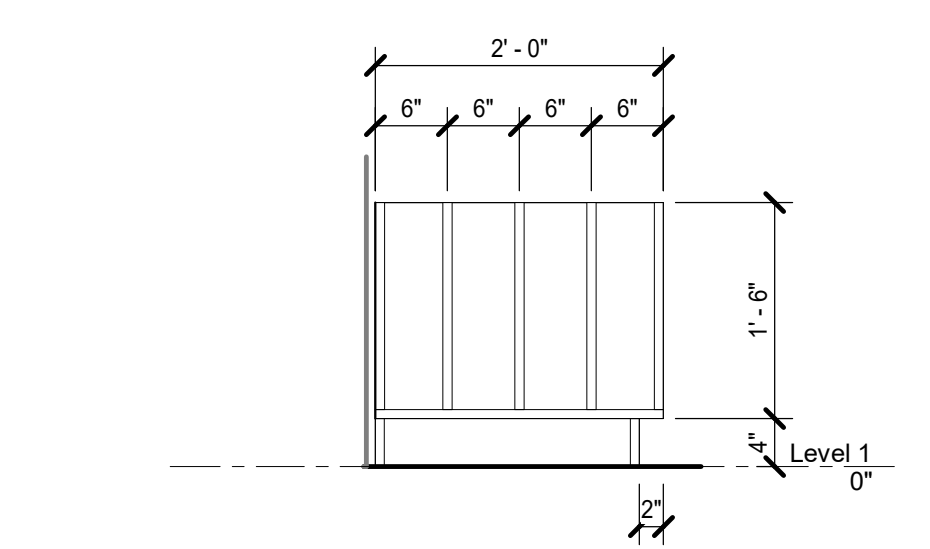
7 TYP BASE CABINET
 A8.1.1 | A8.1.2 3/4" = 1'-0"



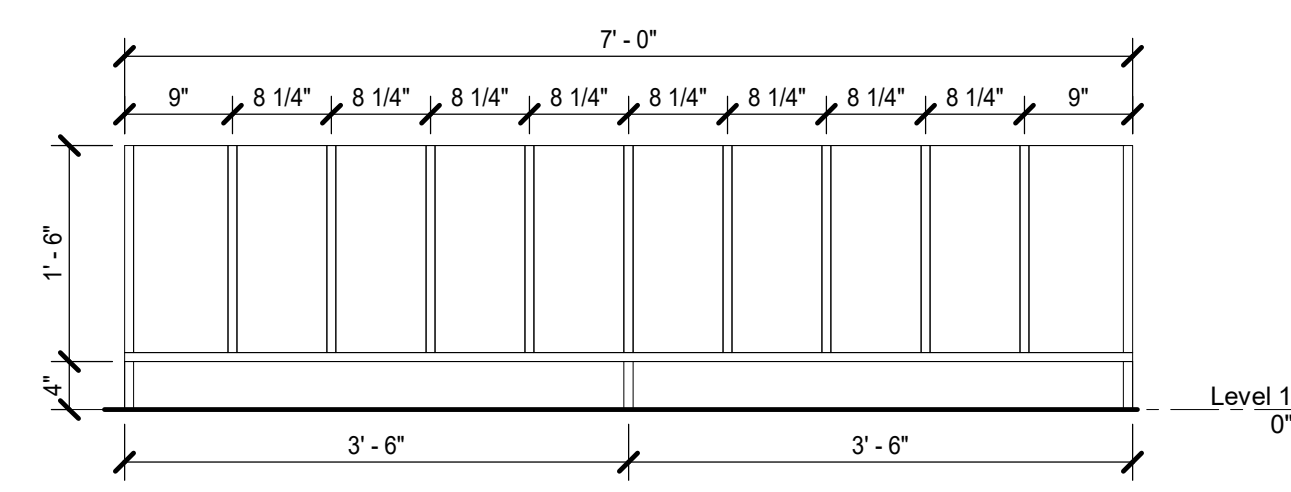
6 C-13 TALL BOOKSHELF SECTION
 A8.1.1 | A8.1.2 3/4" = 1'-0"



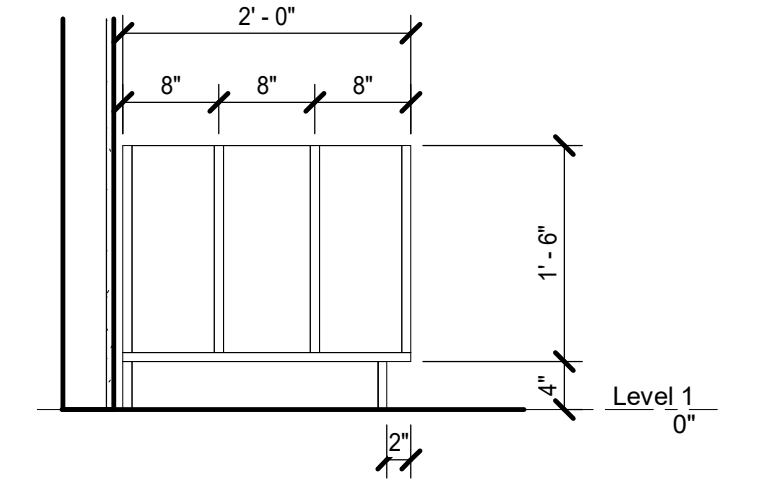
5 C-10 FABRIC STORAGE SECTION 2
 A8.1.1 | A8.1.2 3/4" = 1'-0"



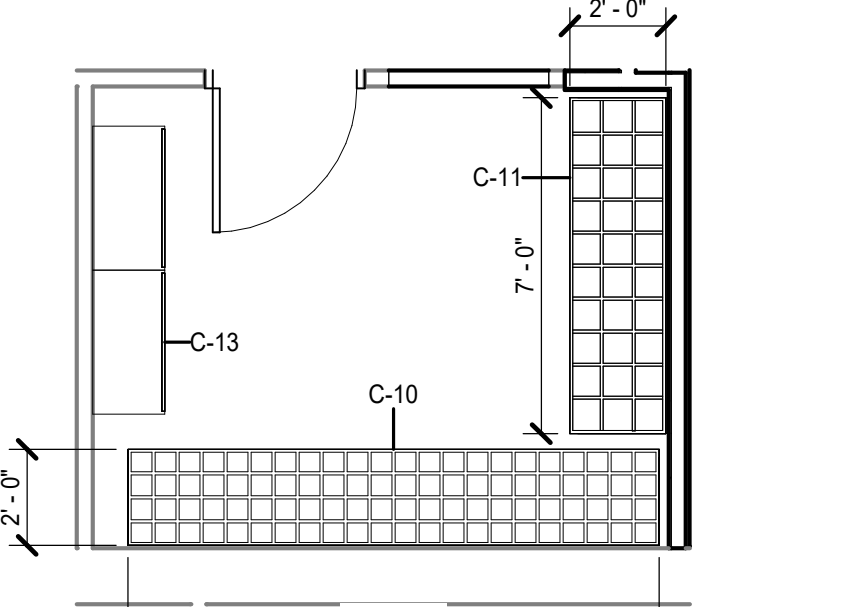
4 C-10 FABRIC STORAGE SECTION
 A8.1.1 | A8.1.2 3/4" = 1'-0"



3 C-11 FABRIC STORAGE SECTION 2
 A8.1.2 3/4" = 1'-0"



2 C-11 FABRIC STORAGE SECTION
 A8.1.1 | A8.1.2 3/4" = 1'-0"



ENLARGED FABRIC ROOM
 1/4" = 1'-0"

ARLINGTON CULTURAL AFFAIRS RENO

No. 22-DES-RFP191
 FACILITIES DESIGN & CONSTRUCTION
 3700 S. FOUR MILE RUN DRIVE

PROJECT NO:	624801
DATE:	DECEMBER 15, 2023
REVISIONS:	
DATE:	DESCRIPTION
12.15.23	BID SET

CASEWORK SECTIONS & DETAILS

REFLECTED CEILING PLAN LEGEND

APPLIES TO DRAWINGS A9.1.n - A9.1.n

REFER TO M, E & FP DRAWINGS FOR REFLECTED CEILING PLAN SYMBOLS NOT INDICATED BELOW

	SPACE NUMBER CEILING HEIGHT, AFF UNO
	INTERIOR APPLICATIONS: GYPSUM BOARD CEILING
	2'-0" x 2'-0" LAY-IN ACOUSTICAL CEILING PANELS IN SUSPENDED GRID
	2'-0" x 2'-0" LAY-IN ACOUSTICAL ACCENT CEILING PANELS IN SUSPENDED GRID
	2'-0" x 4'-0" LAY-IN ACOUSTICAL CEILING PANELS IN SUSPENDED GRID
	KNIFE EDGE TRIM
	INTERIOR WALL/PARTITION TO UNDERSIDE OF DECK
	EXISTING PARTITION WALL
	INTERIOR WALL/PARTITION 4" MIN ABOVE HIGHEST ADJACENT CEILING. IF NECESSARY TO ACHIEVE RESULTS DESIRED, EXTEND WALL HEIGHT SO WALL BRACING IS NOT EXPOSED TO VIEW IN FINISHED SPACES

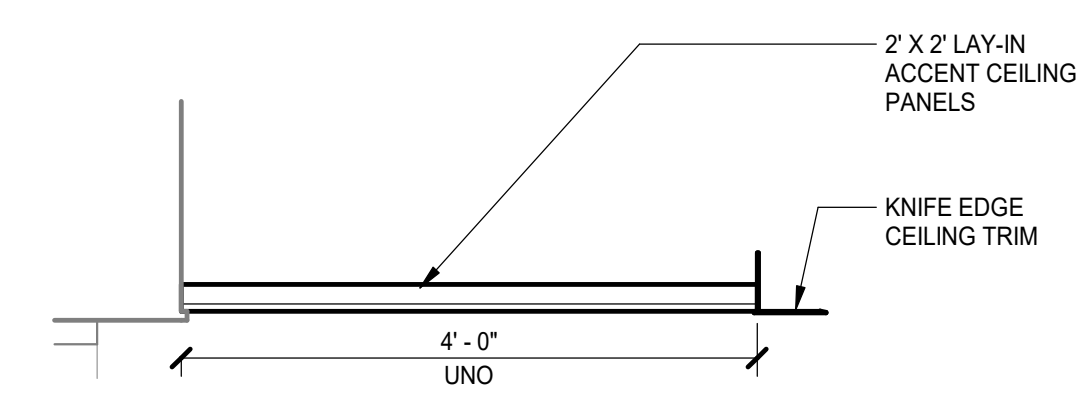
REFLECTED CEILING PLAN/DETAIL GENERAL NOTES

- ALL CEILING HEIGHTS SHALL BE 9'-0" AFF UNLESS INDICATED OTHERWISE.
- DRAWINGS INDICATE GRID LAYOUT DIAGRAMMATICALLY. REFER TO SPECIFICATIONS FOR SPECIFIC GRID LAYOUT CRITERIA AT PERIMETER CONDITIONS THAT MAY DIFFER FROM GRID LAYOUT INDICATED ON DRAWINGS.
- CENTER CEILING MOUNTED ITEMS WITHIN CEILING PANELS, UNLESS INDICATED OTHERWISE.
- IF ADDITIONAL SPRINKLER HEADS ARE REQUIRED TO SATISFY CODE OR COVERAGE DENSITIES (OTHER THAN THOSE THAT MAY BE INDICATED), PROVIDE ADDITIONAL SPRINKLER HEADS AT NO ADDITIONAL COST AND OBTAIN APPROVAL OF ARCHITECT FOR LOCATION OF SUCH HEADS, IF ANY.

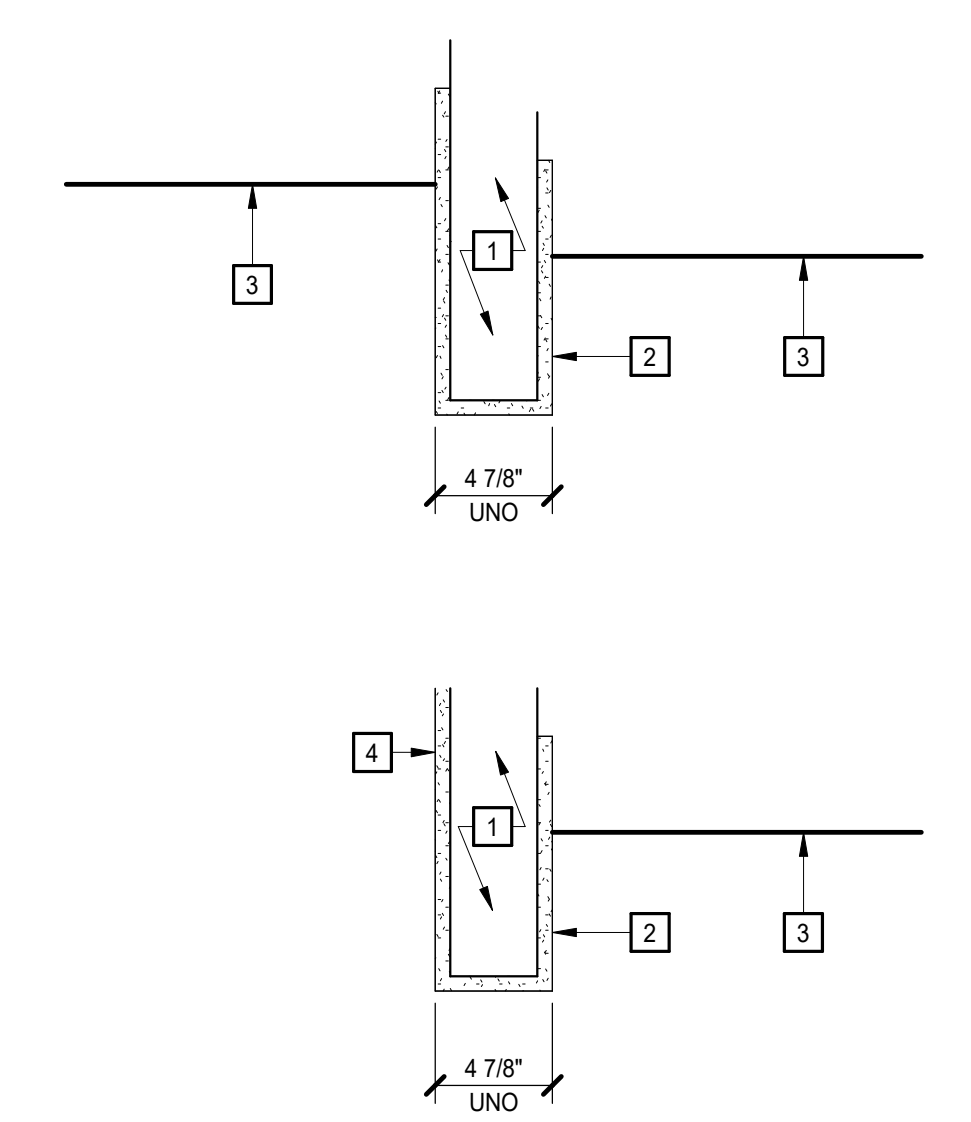
REFLECTED CEILING PLAN KEYNOTES

REPRESENTED BY [n]
 APPLIES TO DRAWINGS A9.1

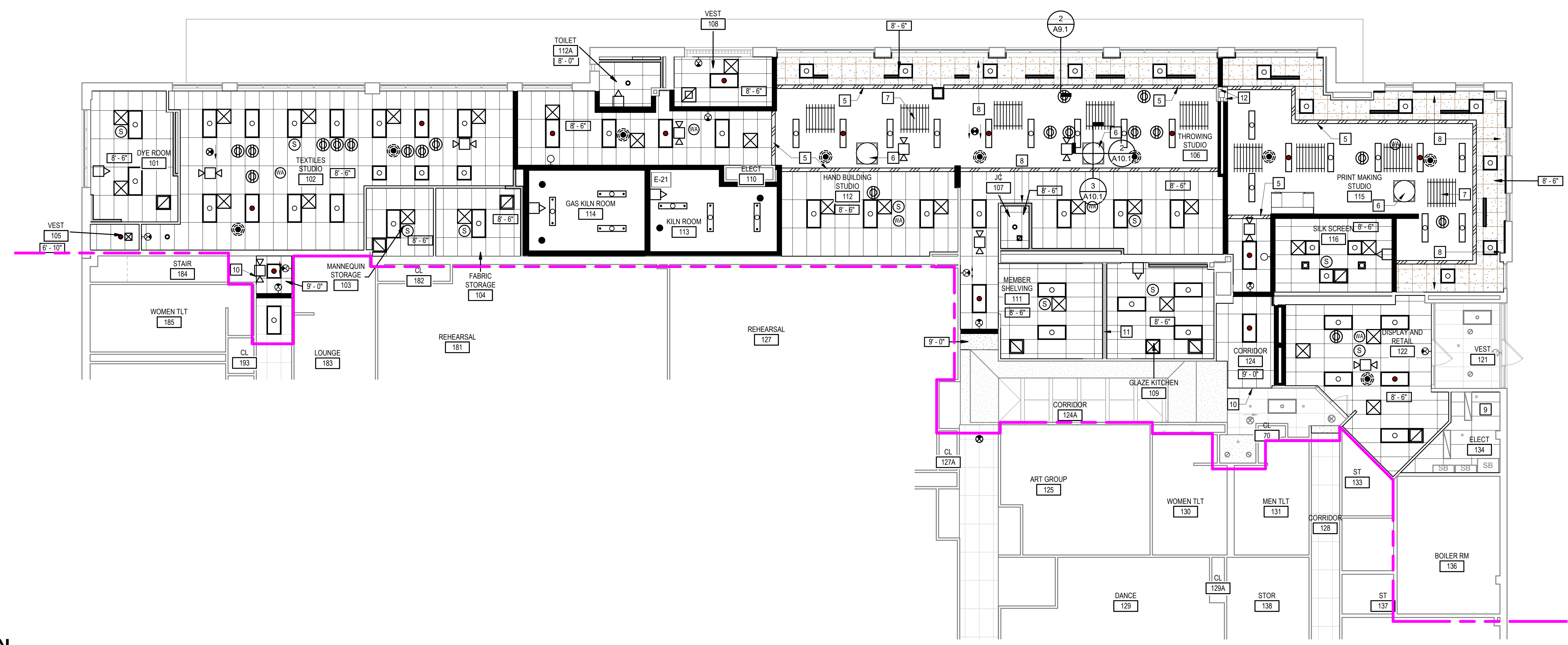
1	CFSS-S
2	5/8" GYP BD, TERMINATE 4" ABV FIN CLG
3	FIN CLG: FINISH AND/OR HEIGHT AFF VARIES
4	GYP BD: EXTEND FULL HEIGHT, UNLESS INDICATED OTHERWISE
5	KNIFE EDGE CEILING TRIM
6	TUBULAR SKYLIGHT
7	SUSPENDED ACOUSTIC BAFFLES - 4"x4" SUSPENDED AT 10'-0" AFF
8	EXPOSED CEILING AREA - PAINT NON-ACCENT WALLS/ EXISTING ELEMENTS PT-3 ABOVE DROPPED CEILING TO ROOF ABOVE
9	PROVIDE ACT-1 CEILING TILES TO REPLACE WHERE DAMAGED TILES WERE REMOVED.
10	RE-WORK OR PROVIDE NEW GRID TRANSITION TO EXISTING GRID.
11	1 HR RATED PARTITION EXTEND 4" ABOVE CEILING THIS LOCATION ONLY
12	EXTEND GYP AND STUD PARTITION/COLUMN WRAP TO CLOSE GAP ABOVE CEILING AT EXISTING COLUMN.



2 TYP CEILING DETAIL W/TRIM
 A9.1 | A9.1 3/4" = 1'-0"

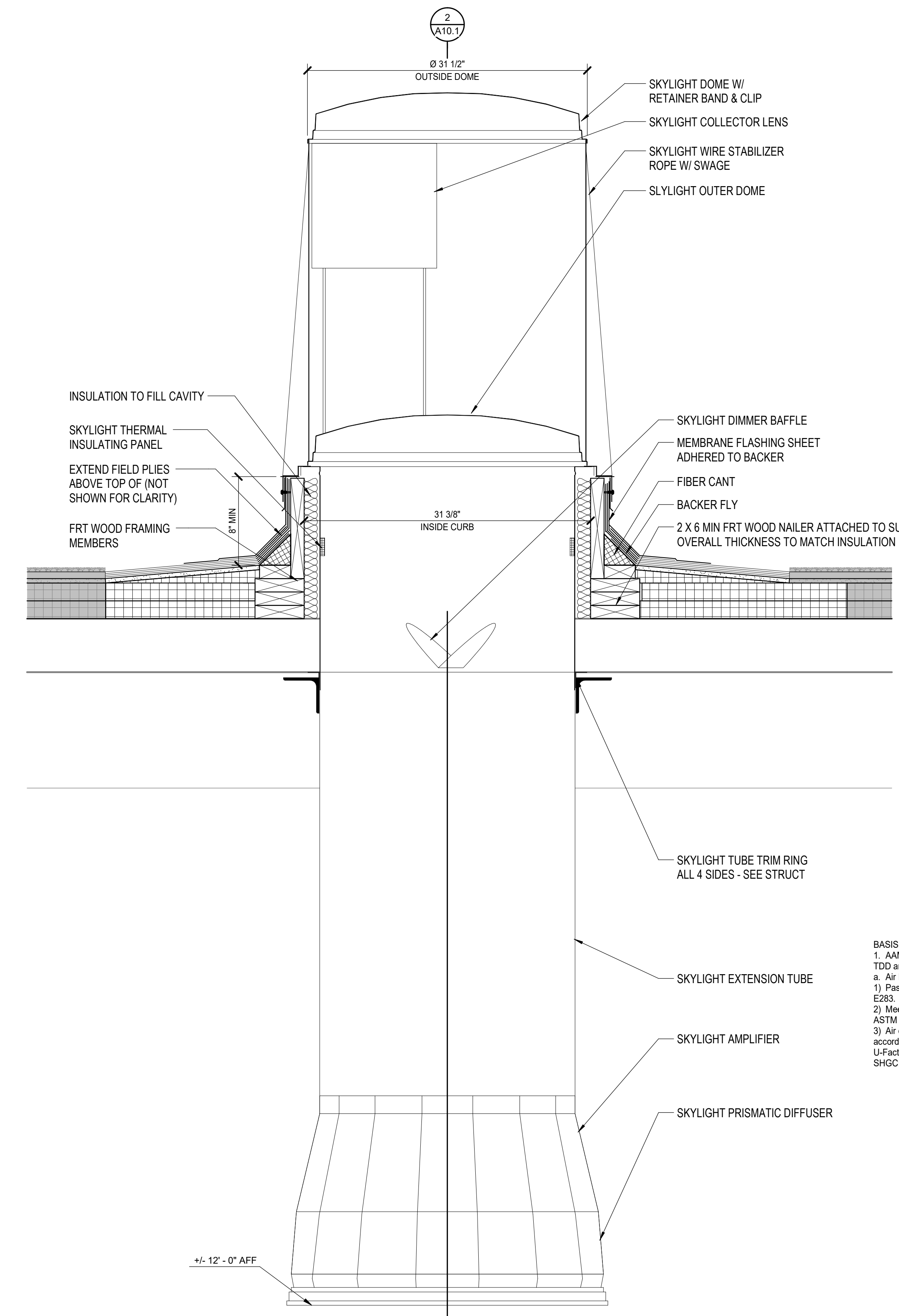


1 BULKHEAD DETAILS
 NO SCALE

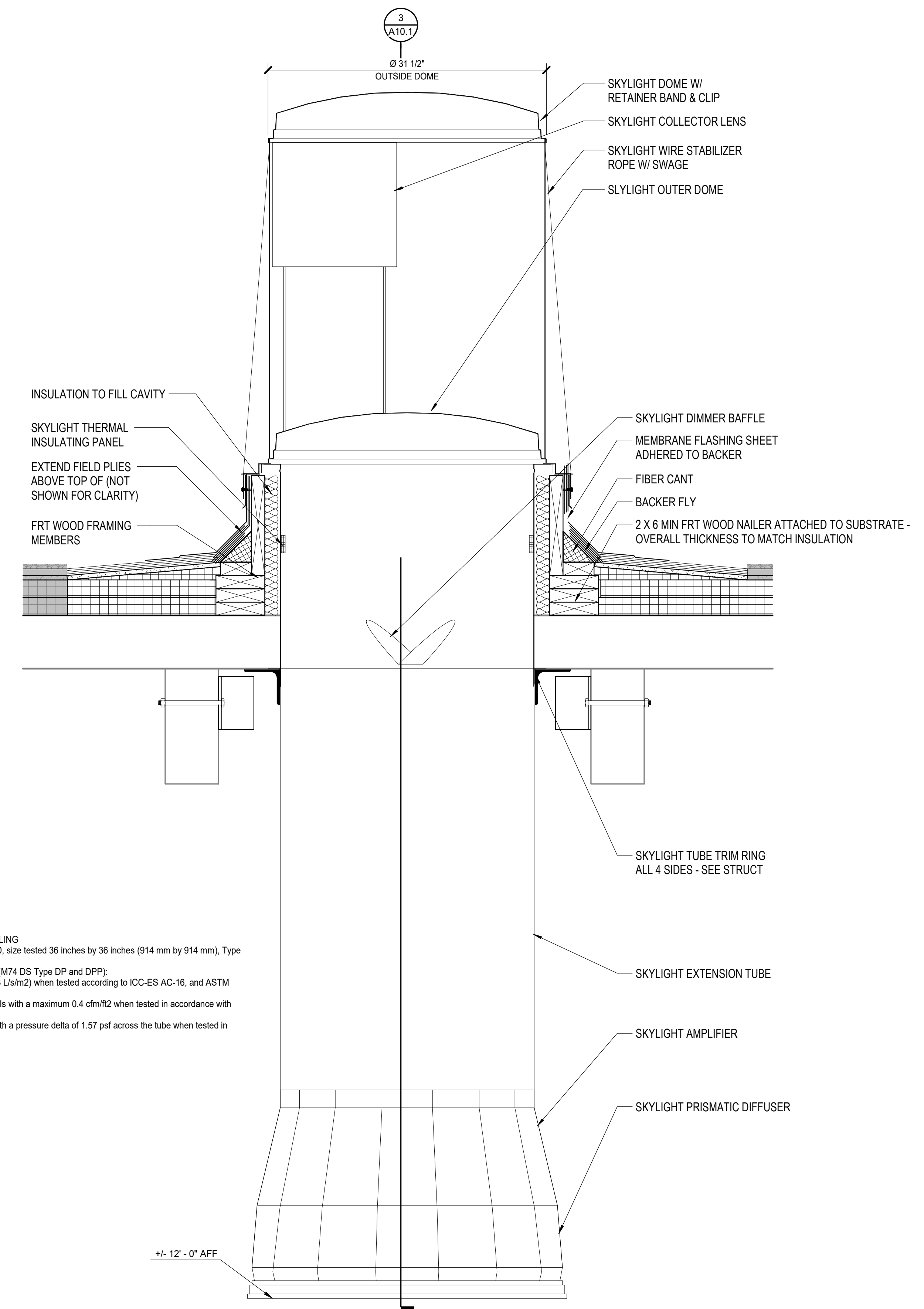


FIRST FLOOR REFLECTED CEILING PLAN
 1/8" = 1'-0"

PROJECT NO:	624801
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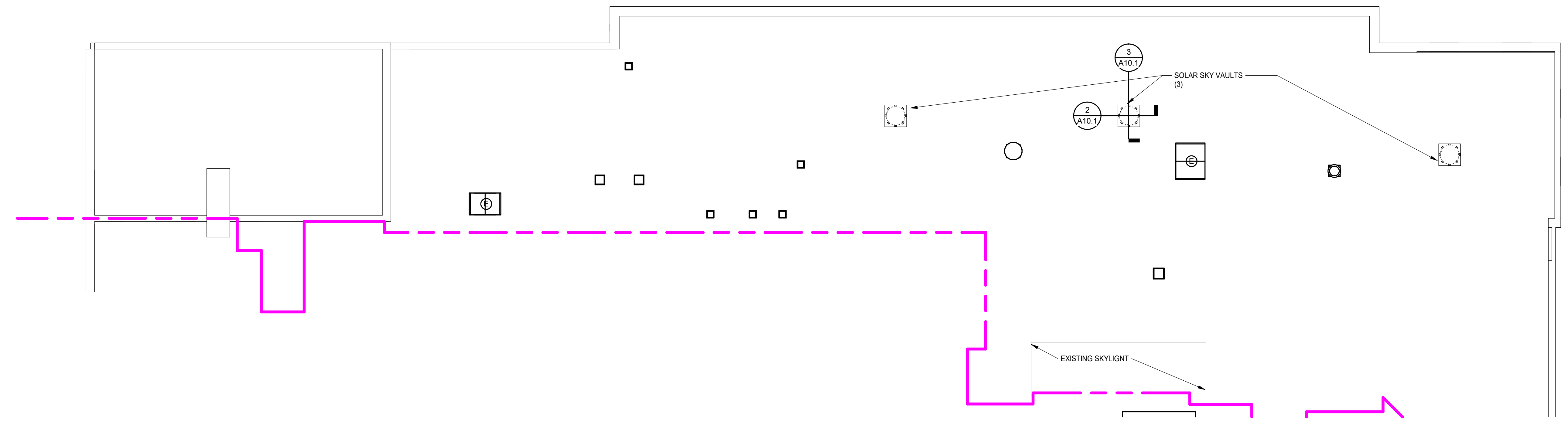


3 TUBULAR SKYLIGHT SECTION
 A9.1 | A10.1 1 1/2" = 1'-0"



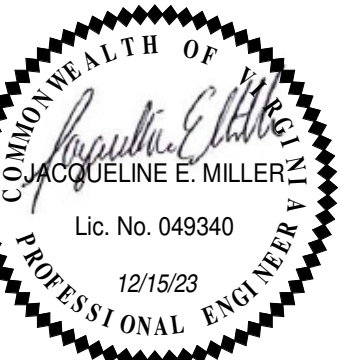
2 TUBULAR SKYLIGHT SECTION
 A9.1 | A10.1 1 1/2" = 1'-0"

BASIS OF DESIGN: SKYVAULT M74 DS / OPEN CEILING
 1. AAMA/WDMA/CSA 1011S2/A440, Class CW-PG80, size tested 36 inches by 36 inches (914 mm by 914 mm), Type TDD and Type TDDOC.
 a. Air Infiltration Tests: Single and Dual Glazed Dome (M74 DS Type DP and DPP):
 1) Passes Air Infiltration; maximum of 0.05 cfm/ft² (0.3 L/s/m²) when tested according to ICC-ES AC-16, and ASTM E283.
 2) Meets or exceeds the air leakage performance levels with a maximum 0.4 cfm/ft² when tested in accordance with ASTM E283.
 3) Air exfiltration will not exceed 0.4 cfm/sf aperture with a pressure delta of 1.57 psf across the tube when tested in accordance with ASTM E283.
 U-Factor: .44
 SHGC: .36



1 PARTIAL ROOF PLAN
 A10.1 1/8" = 1'-0"

12/29/2023 9:33:12 AM



PROJECT NO:	624801
DATE:	DECEMBER 12, 2023
REVISIONS:	
DATE:	
DESCRIPTION:	
12.15.23	BID SET

STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT	HSS	HOLLOW STRUCTURAL SECTION
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	HT	HEIGHT
AFF	ABOVE FINISHED FLOOR	ID	INSIDE DIAMETER
ALUM	ALUMINUM	IN	INCH
APPROX	APPROXIMATE	INT	INTERIOR
ARCH	ARCHITECTURAL ARCHITECT	JBE	JOIST BEARING ELEVATION
AVG	AVERAGE	JS	JOIST SUBSTITUTE
BLDG	BUILDING	JST	JOIST
BM	BEAM	JT	JOINT
BMC	BUILDING MOUNTED CANOPIES	K	KIP
BOT	BOTTOM	LBS	POUNDS
BRG	BEARING	LF	LINEAR FEET (FOOT)
BTWN	BETWEEN	LLH	LONG LEG HORIZONTAL
CANT	CANTILEVER	LLV	LONG LEG VERTICAL
CFSF	COLD FORMED STEEL FRAMING	M	METER(S)
CIP	CAST IN PLACE	MAS	MASONRY
CJ	CONTROL JOINT	MATL	MATERIAL
CLG	CEILING	MAX	MAXIMUM
CLR	CLEAR	MEMA	METAL BUILDING MANUFACTURERS ASSOC
CMU	CONCRETE MASONRY UNIT	MBS	METAL BUILDING SYSTEM
COL	COLUMN	MECH	MECHANICAL
CONC	CONCRETE	MFR	MANUFACTURER
CONN	CONNECTION	MIN	MINIMUM
CONSTR	CONSTRUCTION	MM	MILLIMETER(S)
CONT	CONTINUOUS	NOM	NOMINAL
CTR	CENTER	NS	NON SHRINK
DBA	DEFORMED BAR ANCHOR	OC	ON CENTER
DBL	DOUBLE	OD	OUTSIDE DIAMETER
DIA	DIAMETER	OPCI	OWNER FURNISHED CONTRACTOR INSTALLED
DIAG	DIAGONAL	OPNG	OPENING
DM	DIMENSION	OPP	OPPOSITE
DN	DOWN	PAF	POWDER-ACTUATED FASTENERS
DWG	DRAWING	PC CONC	PRECAST CONCRETE
EA	EACH	PFBC	PRE-FABRICATED BUILDING COLUMN
EAF	EACH FACE	PLF	POUNDS PER LINEAR FOOT
EJ	EXPANSION JOINT	POLY	POLYETHYLENE
EL	ELEVATION	PPT	PRESSURE PRESERVATIVE TREATED
ELECT	ELECTRICAL	PSF	POUNDS PER SQUARE FOOT
ELEV	ELEVATOR	PTFE	POLYTETRAFLUOROETHYLENE
EOD	EDGE OF DECK	R	RADIUS
EOS	EDGE OF SLAB	RD	ROOF DRAIN
EQ	EQUAL	REF	REFERENCE
EW	EACH WAY	RENF	REINFORCING, REINFORCED
EX	EXISTING	REQD	REQUIRED
EXP	EXPANSION	SIM	SIMILAR
EXT	EXTENSIVE	SL	SLOPE
FB	FIXED BASE	SOB	SLAB ON GRADE
FD	FLOOR DRAIN	SPA	SPACES
FDN	FOUNDATION	SS	STAINLESS STEEL
FF	FINISHED FLOOR	STD	STANDARD
FN	FINISHED	STIFF	STIFFENER
FLR	FLOOR	STRUCT	STRUCTURAL
FOB	FACE OF BRICK	SUSP	SUSPENDED
FOC	FACE OF CONCRETE	SYM	SYMMETRY(RICAL)
FOM	FACE OF MASONRY	T&B	TOP AND BOTTOM
FRMG	FRAMING	T&G	TONGUE AND GROOVE
FRT	FIRE RETARDANT TREATED	TF	TRANSFER FORCE
FT	FOOT	TOC	TOP OF CONCRETE
FTG	FOOTING	TOS	TOP OF STEEL
GA	GAGE	TOSL	TOP OF SLAB
GALV	GALVANIZED	TOW	TOP OF WALL
GB	GRADE BEAM	TYP	TYPICAL
GC	GENERAL CONTRACTOR	UNO	UNLESS NOTED OTHERWISE
GRD	GRADE	VB	VAPOR BARRIER
GRD	GRADE	VERT	VERTICAL
HD	HEADED	VR	VAPOR RETARDER
HK	HOOK	WP	WORK POINT
HORIZ	HORIZONTAL	WWF	WELDED WIRE FABRIC
HS	HIGH STRENGTH		

GENERAL

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC), 2018 EDITION, EFFECTIVE JULY 1, 2021.
- THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND THE DRAWINGS OF THE OTHER ENGINEERING DISCIPLINES.
- THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.
- VERIFY AND COORDINATE MECHANICAL UNIT SUPPORTS AND OPENINGS WITH EQUIPMENT PURCHASED FOR THE PROJECT. COORDINATE REQUIREMENTS FOR SLEEVES, HANGERS, INSERTS, ANCHORS AND ALL OTHER ITEMS TO BE SET IN STRUCTURAL WORK.
- SPECIAL INSPECTIONS ARE REQUIRED BY THE USBC (SECTION 1704). REFER TO THE STATEMENT OF SPECIAL INSPECTIONS PREPARED FOR THIS PROJECT AND THE PROJECT SPECIFICATIONS FOR SPECIFIC INSPECTION REQUIREMENTS. REFER TO SPECIFICATION SECTION 014000 FOR GENERAL INSPECTION REQUIREMENTS. SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS IN COMPLIANCE WITH BC SECTION 1704.2.4. USE OF "GENERAL CONFORMANCE" OR "GENERAL ACCORDANCE" IS UNACCEPTABLE.
- CONDUCT PRE-INSTALL MEETINGS ON PROJECT SITE PRIOR TO COMMENCEMENT OF WORK. REFER TO PROJECT SPECIFICATIONS FOR SPECIFIC REQUIREMENTS. COORDINATE ATTENDANCE OF ALL REQUIRED TRADES AND SUBCONTRACTORS INCLUDING THE SPECIAL INSPECTOR.
- FLOOR LIVE LOADS

	UNIFORM	CONCENTRATED
STUDIOS	40 PSF	1000 LB
LIGHT STORAGE	125 PSF	
KILN ROOMS	150 PSF	
FIRST FLOOR LOBBIES AND CORRIDORS	100 PSF	1000 LB
PARTITION ALLOWANCE	15 PSF	WHERE UNIFORM LIVE LOAD IS LESS THAN 80 PSF

CONCRETE

- ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE".
- CONCRETE SHALL BE NORMAL WEIGHT AND SHALL OBTAIN ULTIMATE 28 DAY COMPRESSIVE STRENGTHS (F_c) OF 3000 PSI.
- REINFORCING STEEL SHALL BE AS FOLLOWS. SUPPORT CONTINUOUSLY AT 2'-6" OC, MAX.

REINFORCING BARS:	ASTM A615, GRADE 60, DEFORMED
WELDED WIRE FABRIC (WWF):	ASTM A1064, SHEET TYPE ONLY
- PRODUCT DATA AND DESIGN MIXTURES SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION.

CEMENTITIOUS MATERIAL LIMITS, BY WEIGHT:	
FLY ASH:	25 PERCENT
GROUND GRANULATED BLAST-FURNACE SLAG:	25 PERCENT
WATER-SOLUBLE, CHLORIDE-ION IN HARDENED CONCRETE:	0.15 PERCENT
WATER-CEMENTITIOUS MATERIALS RATIO:	0.50 MAXIMUM

DO NOT AIR ENTRAIN CONCRETE AND DO NOT ALLOW ENTRAPPED AIR CONTENT TO EXCEED 3 PERCENT.
- OWNER'S TESTING AND INSPECTING AGENT SHALL PERFORM FIELD TESTS, INSPECTIONS, AND PREPARE TEST REPORTS. TESTING AND INSPECTING AGENT SHALL INSPECT REINFORCING STEEL AND VERIFY SUITABILITY OF SUBGRADE PRIOR TO PLACING GRADE SLABS. TESTING AND INSPECTING AGENT SHALL BE PRESENT ON SITE TO SAMPLE AND CAST ONE SET OF 5 COMPRESSIVE TEST SPECIMENS FOR COMPRESSIVE STRENGTH TESTS FOR EACH CONCRETE POUR.

STRUCTURAL STEEL

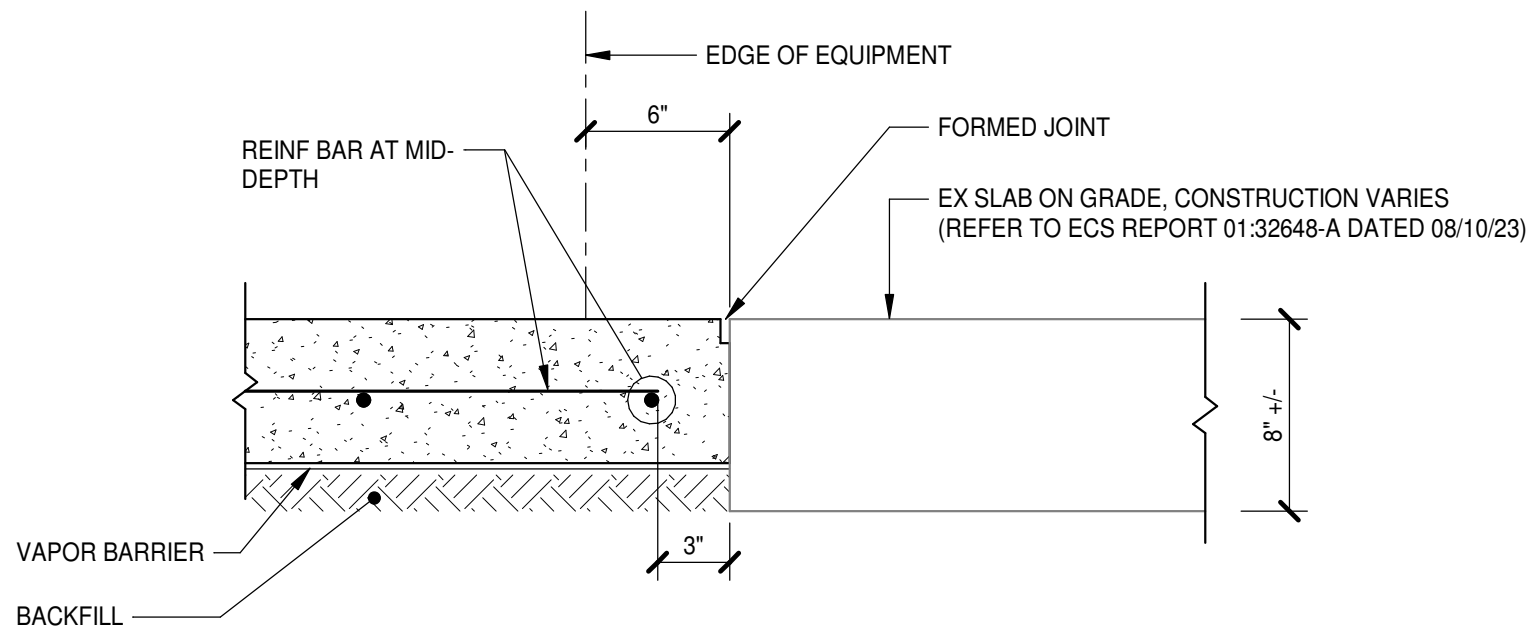
- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE FOLLOWING AISC DOCUMENTS:

ASTM A992 (FY=50 KSI)
ASTM F3125 GRADE A325 OR A490 (TYPE 1)
ASTM A563 (FLAT AND BEVELED)
ASTM A563
E70 (LOW HYDROGEN)
- STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:

ANGLES	ASTM A992 (FY=50 KSI)
HIGH STRENGTH BOLTS (CONVENTIONAL)	ASTM F3125 GRADE A325 OR A490 (TYPE 1)
WASHERS	ASTM A563 (FLAT AND BEVELED)
HEAVY HEX NUTS	ASTM A563
WELDING ELECTRODES	E70 (LOW HYDROGEN)

RENOVATION

- EXISTING CONSTRUCTION INDICATED ON THE STRUCTURAL DRAWINGS IS BASED ON INFORMATION OBTAINED FROM LIMITED OBSERVATIONS OF EXISTING CONDITIONS. NO EXISTING STRUCTURAL DRAWINGS ARE AVAILABLE. THIS INFORMATION, INCLUDING STRUCTURAL COMPONENT TYPE, SIZE AND ORIENTATION HAS NOT BEEN CONFIRMED IN ALL CASES, AND MAY NOT MATCH "AS-BUILT" EXISTING CONSTRUCTION. ALL EXISTING CONDITIONS AND DIMENSIONS RELATING TO THE NEW WORK SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION OF STRUCTURAL ELEMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
- EXISTING CONSTRUCTION IS INDICATED USING A LIGHTER LINE WEIGHT THAN NEW CONSTRUCTION IN PLANS AND SECTIONS.
- REFER TO ECS REPORT 01:32648-A, DATED AUGUST 10, 2023 FOR RESULTS OF SLAB ON GRADE INVESTIGATION.

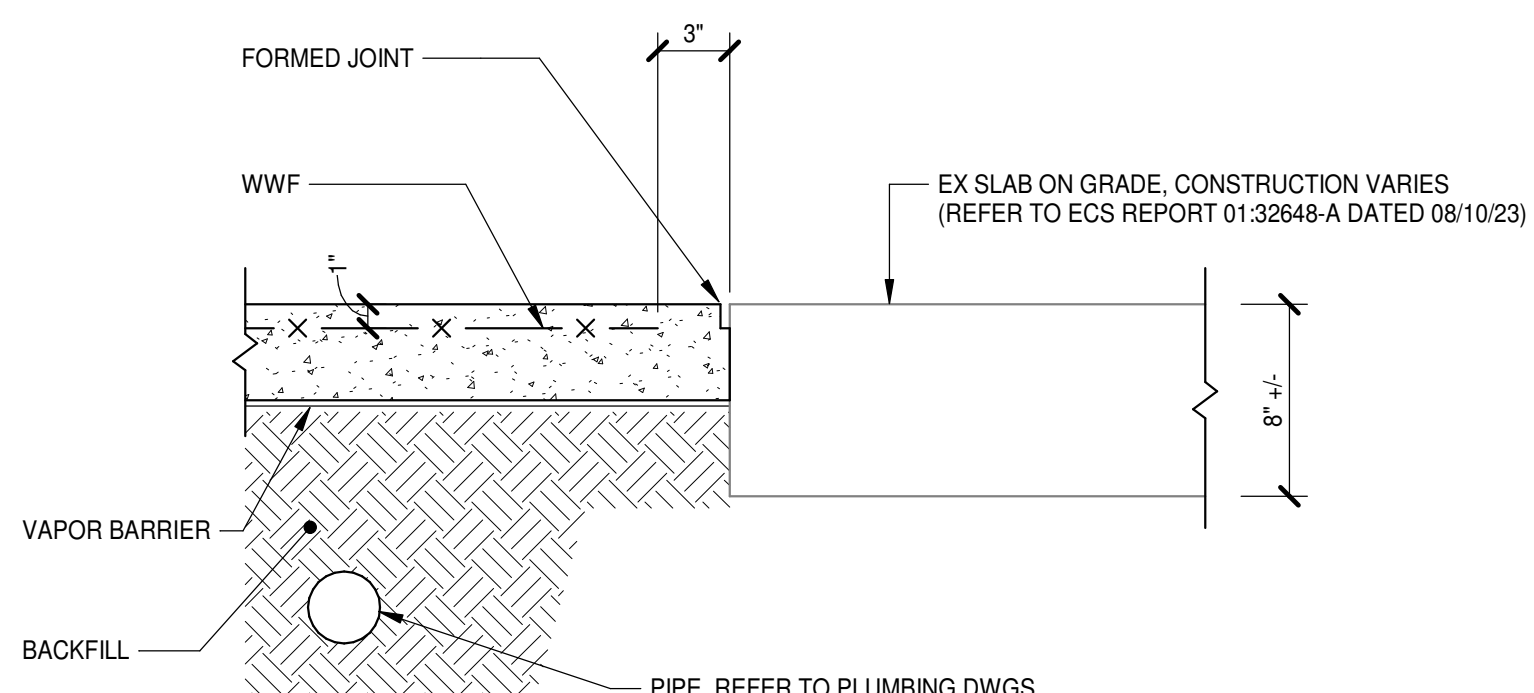


EQUIPMENT PAD DETAIL

NO SCALE

NOTES:

- SAWCUT EX SLAB ON GRADE, REFER TO PART FLOOR PLAN, THIS SHEET.
- COMPACT REMAINING SOIL TO 98% PROCTOR.
- BACKFILL TO UNDERSIDE OF SLAB WITH HAND-PLACED CLASS II MATERIAL, COMPACTED TO 95% PROCTOR. BACKFILL MATERIAL SHALL BE FREE OF STONES.
- FLOOR CONSTRUCTION SHALL BE 6" NORMAL WEIGHT CONCRETE SLAB ON GRADE REINFORCED WITH #4 @ 12" OC EW OVER VAPOR BARRIER.

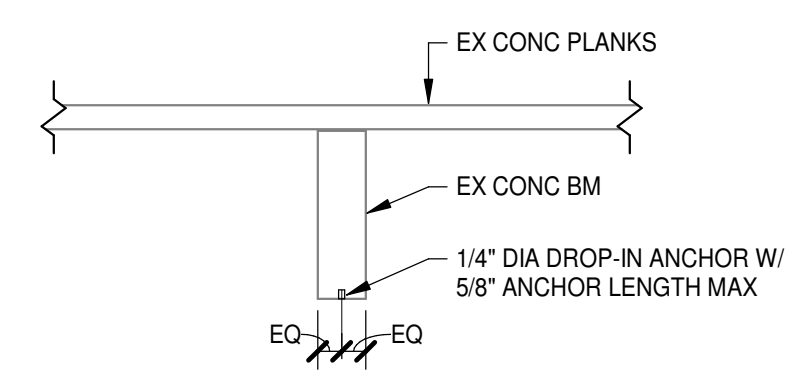


SLAB ON GRADE INFILL AT PLUMBING TRENCH

NO SCALE

NOTES:

- SAWCUT EX SLAB ON GRADE TO EXTENT REQUIRED FOR UTILITY TRENCHES.
- BACKFILL TRENCHES TO UNDERSIDE OF SLAB PER PIPE BEDDING DETAILS ON PLUMBING DWGS.
- FLOOR CONSTRUCTION SHALL BE 4" NORMAL WEIGHT CONCRETE SLAB ON GRADE REINFORCED WITH #6@12" & #W2.9 WWF OVER VAPOR BARRIER.

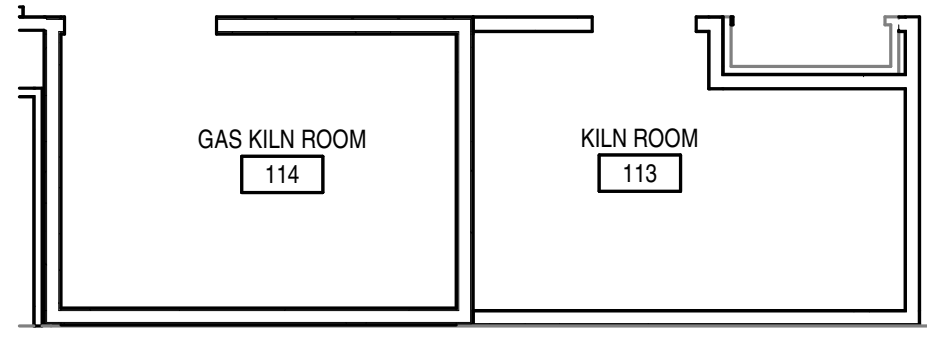


MEP ACCESSORIES SUPPORT DETAIL

NO SCALE

NOTES:

- SCAN EX CONC BEAM WITH GPR OR OTHER APPROVED METHOD TO LOCATE EX REINF PRIOR TO DRILLING. DO NOT CUT REINFORCING IN EX CONC BEAMS.
- MAXIMUM SUPPORTED LOAD SHALL BE 100 LB.
- WHERE 4" AND SMALLER WATER-FILLED PIPES RUN PERPENDICULAR TO EX CONC BEAMS, SUPPORT PIPES AT EA BEAM.
- WHERE 4" AND SMALLER WATER-FILLED PIPES RUN PARALLEL TO EX CONC BEAMS, LOCATE PIPES MIDWAY BETWEEN EX CONC BEAMS AND SUPPORT WITH UNISTRUTS. SUPPORT UNISTRUT FROM UNDERSIDE OF EX CONC BEAMS AS INDICATED. LENGTH OF PARALLEL RUN SHALL NOT EXCEED 10'.
- SUPPORT FROM SIDE OF EX CONC BEAM OR EX CONC PLANKS IS NOT PERMITTED.

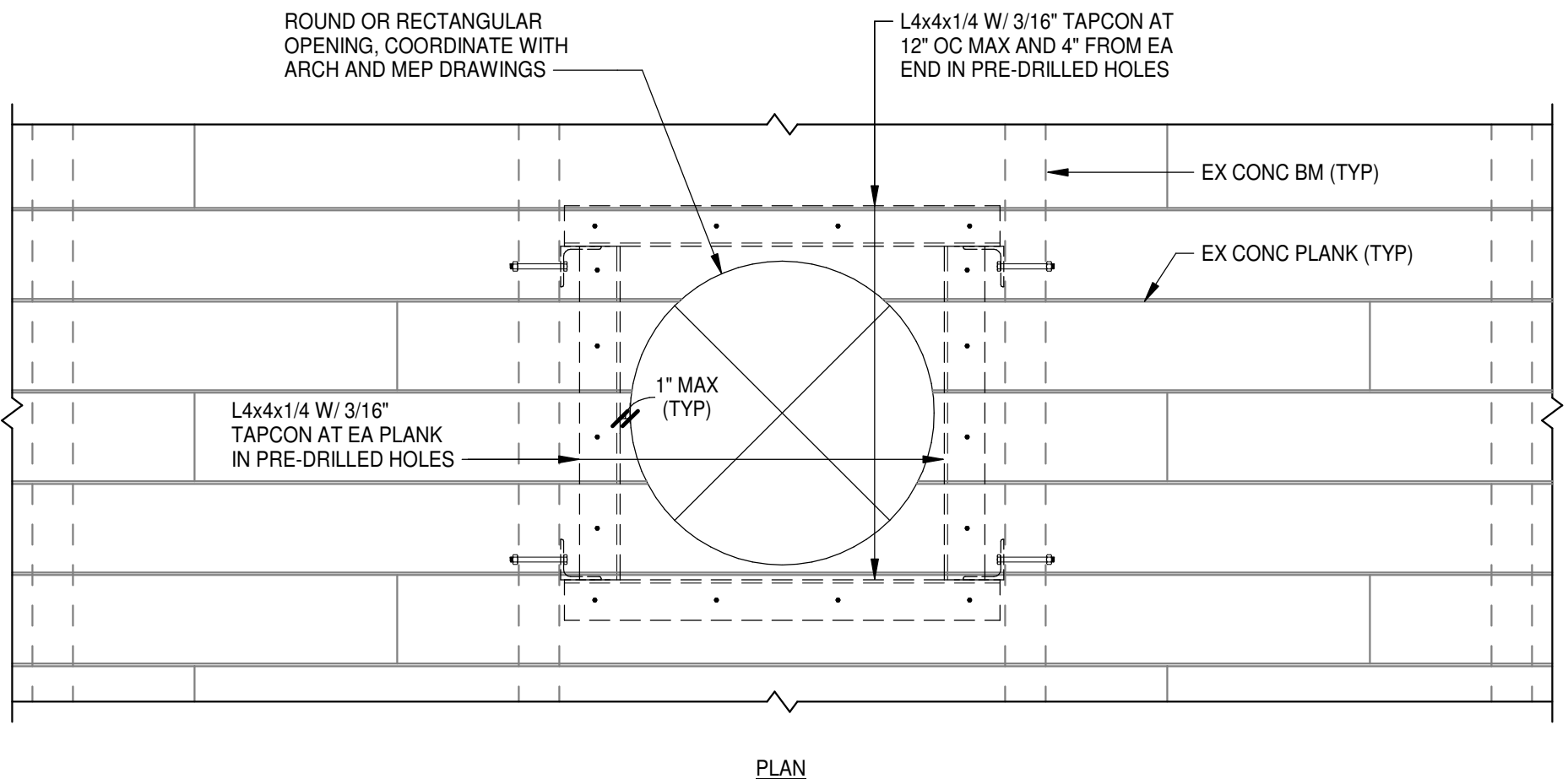


PART FLOOR PLAN

NO SCALE

NOTES:

- SCAN SLAB AT GAS KILN ROOM AND KILN ROOM WITH GPR OR OTHER APPROVED METHOD TO DETERMINE SLAB ON GRADE TYPE.
 - REMOVE SLAB WHERE THICKNESS OF CONCRETE AT FINISHED FLOOR ELEVATION IS LESS THAN 6" AND REPLACE WITH 6" CONCRETE SLAB ON GRADE PER "EQUIPMENT PAD DETAIL" THIS DWG.

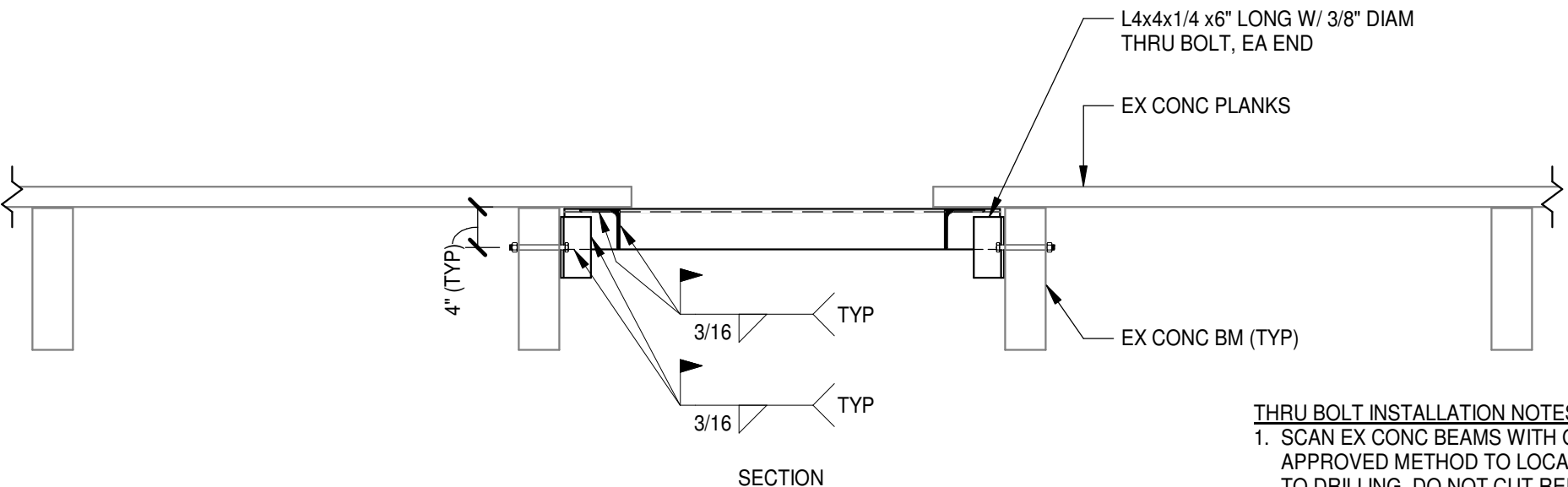


ROOF OPENING SUPPORT FRAMING

NO SCALE

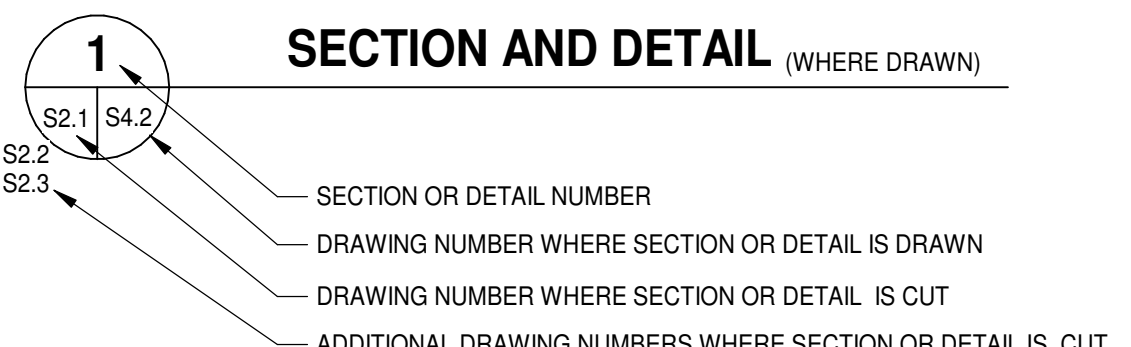
NOTES:

- REFER TO "PARTIAL ROOF PLAN". COORDINATE SIZE AND LOCATIONS OF OPENINGS WITH ARCH AND MEP DRAWINGS.
- INSTALL FRAME AND CONNECTIONS PRIOR TO CUTTING CONCRETE PLANKS.
- DO NOT CUT CONCRETE BEAMS.



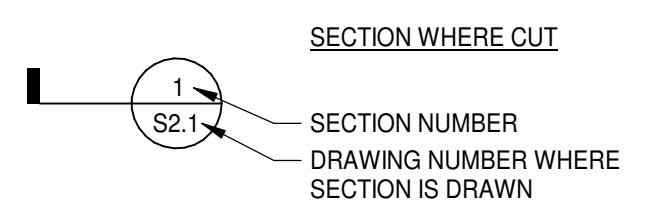
THRU BOLT INSTALLATION NOTES:

- SCAN EX CONC BEAMS WITH GPR OR OTHER APPROVED METHOD TO LOCATE EX REINF PRIOR TO DRILLING. DO NOT CUT REINFORCING IN EX CONC BEAMS.
- USE OF HAMMER DRILL IS NOT PERMITTED.
- AT EA BOLT LOCATION, PRE-DRILL PILOT HOLE WITH 3/16" DIA BIT AND FINISH WITH A 1/2" DIA BIT.



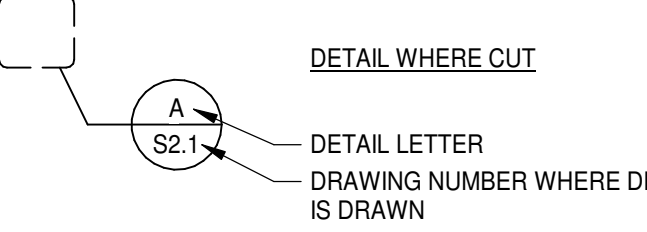
SECTION AND DETAIL (WHERE DRAWN)

- SECTION OR DETAIL NUMBER
- DRAWING NUMBER WHERE SECTION OR DETAIL IS DRAWN
- DRAWING NUMBER WHERE SECTION OR DETAIL IS CUT
- ADDITIONAL DRAWING NUMBERS WHERE SECTION OR DETAIL IS CUT



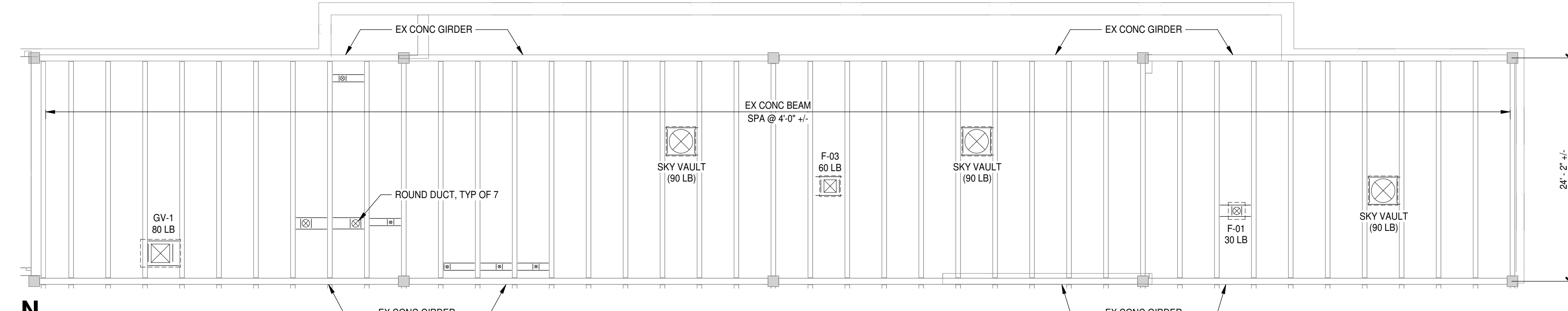
SECTION WHERE CUT

- SECTION NUMBER
- DRAWING NUMBER WHERE SECTION IS DRAWN



DETAIL WHERE CUT

- DETAIL LETTER
- DRAWING NUMBER WHERE DETAIL IS DRAWN



PARTIAL ROOF PLAN

NO SCALE

NOTES:

- PROVIDE SUPPORT FRAMING AT EA OPENING. REFER TO TYPICAL DETAIL, THIS SHEET.
- LOCATE SKY VAULT UNITS APPROXIMATELY MIDWAY BETWEEN EX CONC BEAMS. REFER TO ARCH DWGS FOR ADDITIONAL INFORMATION.

ABBREVIATIONS					
@	AT	EVC	ELECTRIC WATER COOLER	OSD	OPEN SITE DRAIN
AAV	AIR ADMITTANCE VALVE	EWH	ELECTRIC WATER HEATER	PC	PRECAST
ABV	ABOVE	EXP	EXPANSION	PCF	POUNDS PER CUBIC FOOT
AC-X	AIR COMPRESSOR DESIGNATION	FCO	FLOOR CLEANOUT	PD	PUMP DISCHARGE
ADJ	ADJUSTABLE	FD	FLOOR DRAIN	PLUMB	PLUMBING
ADNL	ADDITIONAL	FDC	FIRE DEPARTMENT CONNECTION	PLYWD	PLYWOOD
AF	ABOVE FINISHED FLOOR	FF	FINISHED FLOOR	POLY	POLYETHYLENE
AFS	ABOVE FINISHED GRADE	FFE	FINISHED FLOOR ELEVATION	PPT	PRESSURE PRESERVATIVE TREATED
AHU	AIR HANDLING UNIT	FG	FINISHED GRADE	PREFAB	PREFABRICATE(D)
ALT	ALTERNATE	FH	FIRE HYDRANT	PROJ	PROJECT
ALUM	ALUMINUM	FHC	FIRE HOSE CABINET	PSF	POUNDS PER SQUARE FOOT
AP	ACCESS PANEL	FHS	FIRE HOSE STATION	PSI	POUNDS PER SQUARE INCH
APPR	APPROXIMATE	FHV	FIRE HOSE VALVE CABINET	PV	PROPANE VENT
ARCH	ARCHITECTURAL	FX	FIXTURE	PVC	POLYVINYL CHLORIDE
AUTO	AUTOMATIC	FLR	FLOOR	PVMT	PAVEMENT
AVG	AVERAGE	FLSH	FLASHING	R	RISER
BFF	BELOW FINISHED FLOOR	FOR	FUEL OIL RETURN	RAD	RADIUS
BFG	BELOW FINISHED GRADE	FOS	FUEL OIL SUPPLY	RC-P	RECIRCULATION PUMP DESIGNATION
BLDG	BUILDING	FOV	FUEL OIL VENT	RD	ROOF DRAIN (BOTTOM OUTLET)
BO	BOTTOM OF	FSD	FOUNDATION SUB-DRAIN	RDS	ROOF DRAIN (SIDE OUTLET)
BOT	BOTTOM	FS	FLOOR SINK	REF	REFERENCE
BSMT	BASEMENT	FT	FOOT OR FEET	REQD	REQUIRED
BTWN	BETWEEN	FV	FIRE VALVE CABINET	REOMT	REQUIREMENTS
CA	COMPRESSED AIR	G	GAS	RL	RAIN LEADER
CI	CAST IRON	GD	GAS CLEANOUT	RM	ROOM
CIP	CAST-IN-PLACE CONCRETE	GWH	GAS WATER HEATER	RO	ROUGH OPENING
CL	CENTERLINE	HB	HOSE BIBB	RV	RADON VENT
CLG	CEILING	HORIZ	HORIZONTAL	S	SOUTH
CLR	CLEAR	HP	HORSEPOWER	SAN	SANITARY
CMP	CORRUGATED METAL PIPE	HR-X	HOSE REEL DESIGNATION	SCH	SCHEDULE
CNTR	COUNTERTOP	HTG	HOT WATER	SD	STORM DRAINAGE PIPING
CO	CLEANOUT	HW	HOT WATER	SDN	STORM DRAIN NOZZLE
COL	COLUMN	HWR	HOT WATER RETURN	SF	SQUARE FOOT/FEET
CONC	CONCRETE	HWS	HOT WATER SUPPLY	SHT	SHEET
CONDS	CONDENSATE	ID	INSIDE DIAMETER	SM	SMILAR
CONSTR	CONSTRUCTION	IN	INCH	SLT	SEALANT
CONT	CONTINUATION	INSUL	INSULATE OR INSULATION	SOG	SLAB ON GRADE
CONTR	CONTRACT-(OR)	INV	INVERT	SP	SUMP PUMP
CORR	CORRIDOR	JAN	JANITOR	SPEC	SPECIFICATION
CP	CIRCULATING PUMP	KIT	KITCHEN	SPR	SPRINKLER
CR	CLASSROOM	KW	KITCHEN WASTE	SQ	SQUARE
CT	COOLING TOWER	LAB	LABORATORY	SRD	SECONDARY ROOF DRAIN
CU	COPPER	LAV	LAVATORY	SS	STAINLESS STEEL
CU FT	CUBIC FEET	LBS	POUNDS	SSD	SECONDARY STORM DRAINAGE PIPING
CU YD	CUBIC YARD	LF	LINEAR FOOT (FEET)	STD	STANDARD
CW	COLD WATER	LP	PROPANE	STL	STEEL
DB	DRY BULB	LPV	PROPANE VENT	STOR	STORAGE
DCW	DOMESTIC COLD WATER	MATL	MATERIAL	STRUCT	STRUCTURAL
DEMO	DEMOLISH OR DEMOLITION	MAX	MAXIMUM	SUSP	SUSPENDED
DF	DRINKING FOUNTAIN	MECH	MECHANICAL	TD	TRENCH DRAIN
DHR	DOMESTIC HOT WATER RETURN	MED	MEDIUM	THK	THICKNESS
DHR(140)	DOMESTIC HOT WATER RETURN (140°)	MFR	MANUFACTURER	TLT	TOILET
DHW	DOMESTIC HOT WATER	MH	MANHOLE	TMV	THERMOSTATIC MIXING VALVE
DHW(140)	DOMESTIC HOT WATER (140°)	MN	MINIMUM	TOSL	TOP OF SLAB
DI	DIAMETER	MISC	MISCELLANEOUS	TW	DOMESTIC TEMPERED WATER (80° F)
DIP	DUCTILE IRON PIPE	MTD	MOUNTED	TYP	TYPICAL
DN	DOWN	N	NORTH	UG	UNDERGROUND
DR-X	COMPRESSED AIR DRYER DESIGNATION	N/A	NOT APPLICABLE/AVAILABLE	UNO	UNLESS NOTED (INDICATED) OTHERWISE
DS	DOWNSTREAM	NC	NORMALLY CLOSED	V	VENT
DT	DRAIN TILE	NG	NATURAL GAS	VAC	VACUUM
DTL	DETAIL	NGV	NATURAL GAS VENT	VB	VACUUM BREAKER
DTW	DOMESTIC TEMPERED WATER	NIC	NOT IN CONTRACT	VERT	VERTICAL
DWP	DOMESTIC WATER BOOSTER PUMP	NO	NORMALLY OPEN	VTR	VENT THROUGH ROOF
E	EAST	NO. (#)	NUMBER	W	WEST
ED	EMERGENCY SECONDARY ROOF DRAIN	NOM	NOMINAL	W/	WITH
ELEC	ELECTRICAL	OC	ON CENTER	W/O	WITHOUT
ELEV	ELEVATION	OD	OUTSIDE DIAMETER	WB	WATER HAMMER ARRESTOR
EPBD	ELECTRICAL PANELBOARD	OFI	OWNER FURNISHED CONTRACTOR INSTALLED	WC	WATER CLOSET
EQ	EQUAL	OFF	OFFICE	WCO	WALL CLEANOUT
EQUIP	EQUIPMENT	OH	OVERHEAD	WSP	WATER SOURCE HEAT PUMP
ETR	EXISTING TO REMAIN	OPNG	OPENING	WWF	WELDED WIRE FABRIC
		OPP	OPPOSITE	WMM	WELDED WIRE MESH
				XFMR	TRANSFORMER

GRAPHICS SYMBOLS LEGEND	
	PIPE WITH SIZE AND SERVICE
	FLOW IN DIRECTION OF ARROW
	PITCH DOWN IN DIRECTION OF ARROW AT INDICATED SLOPE
	PIPE CAP
	PIPE TURNED DOWN
	PIPE TURNED UP
	PIPE TEE UP
	PIPE TEE DOWN
	UNION
	CONCENTRIC PIPE REDUCTION
	END OF LINE CLEANOUT PLUG
	FLOOR CLEANOUT
	WALL CLEANOUT
	YARD CLEANOUT (CLEANOUT TO GRADE)
	FLOOR DRAIN WITH TAG
	FLOOR SINK WITH TAG
	PRESSURE GAUGE WITH GAUGE COCK
	LIQUID FILLED THERMOMETER
	WATER HAMMER ARRESTOR (PLUMBING & DRAINAGE INSTITUTE SIZE INDICATED)
	FLOW SWITCH
	TEMPERATURE/PRESSURE PLUG
	VALVE
	VALVE IN RISER
	GAS COCK
	VENTURI FLOW METER
	MANUAL BALANCING VALVE
	AUTOMATIC BALANCING VALVE WITH FLOW TAPS
	SWING CHECK VALVE
	PRESSURE REDUCING VALVE
	SOLENOID OPERATED VALVE
	TEMPERATURE AND PRESSURE RELIEF VALVE
	BACKWATER VALVE
	HOSE BIBB OR WALL HYDRANT
	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
	DOUBLE CHECK BACKFLOW PREVENTER
	PUMP
	POINT OF CONNECTION TO EXISTING
	LIMIT OF DEMOLITION
	KEYNOTE
	STRUCTURAL GRID LINE WITH DESIGNATION
	SPACE IDENTIFICATION TAG
	SPACE NUMBER BUILDING AREA (WHEN USED)
	EQUIPMENT IDENTIFICATION TAG
	EQUIPMENT NUMBER UNIT DESIGNATION
	SECTION WHERE CUT
	SECTION LETTER
	DRAWING WHERE SECTION IS INDICATED
	ENLARGED PLAN WHERE CUT
	DRAWING WHERE ENLARGED PLAN IS INDICATED
	DETAIL TAG
	DETAIL NUMBER
	DRAWING WHERE DETAIL IS INDICATED
	SANITARY RISER TAG
	SANITARY RISER IDENTIFIER
	DRAWING WHERE SANITARY RISER IS TAGGED
	DOMESTIC RISER TAG
	DOMESTIC RISER IDENTIFIER
	DRAWING WHERE DOMESTIC RISER IS TAGGED
	DETAIL TITLE
	DETAIL NUMBER
	DRAWING WHERE DETAIL IS INDICATED
	ADDITIONAL DRAWING REFERENCES
	SANITARY RISER DIAGRAM
	SANITARY RISER DIAGRAM IDENTIFIER
	DRAWING WHERE SANITARY RISER IS INDICATED
	DRAWING WHERE SANITARY RISER IS TAGGED
	ADDITIONAL DRAWING REFERENCES
	DOMESTIC RISER DIAGRAM
	DOMESTIC RISER DIAGRAM IDENTIFIER
	DRAWING WHERE DOMESTIC RISER IS INDICATED
	DRAWING WHERE DOMESTIC RISER IS TAGGED
	ADDITIONAL DRAWING REFERENCES
	FUEL GAS RISER DIAGRAM
	FUEL GAS RISER DIAGRAM IDENTIFIER
	DRAWING WHERE FUEL GAS RISER IS INDICATED
	DRAWING WHERE FUEL GAS RISER IS TAGGED
	ADDITIONAL DRAWING REFERENCES

ELECTRIC WATER HEATER SCHEDULE													
TAG	BASIS OF DESIGN			LOCATION	CAPACITY (GALLONS)	RECOVERY RATE (GPH)	TEMPERATURE RISE (°F)	TEMPERATURE SETTING (°F)	ELECTRICAL DATA			NOTES	
	MANUFACTURER	MODEL							INPUT RATE (KW)	VOLTAGE	PHASE		HERTZ
EW-1	AO SMITH	DEM-120A		EX BOILER ROOM	119	49	100	140	6	208	3	60	1

NOTES:
1. KW INPUT RATE FOR ELECTRIC WATER HEATERS BASED ON FULL LOAD SIMULTANEOUS OPERATION.

THERMOSTATIC MIXING VALVE SCHEDULE											
TAG	BASIS OF DESIGN			DESIGN FLOW (GPM)	FLOW RANGE (GPM)	MAX P.D. AT DESIGN FLOW (PSI)	HW SYSTEM TEMPERATURES		CONNECTION SIZE		NOTES
	MANUFACTURER	MODEL					INLET (°F)	OUTLET (°F)	INLET (IN)	OUTLET (IN)	
TMV-1	WATTS-POWERS	LFSH1434		20.00	0.50 - 40.0	5	140	120	1 1/2"	1 1/2"	1
TMV-2	WATTS-POWERS	LFLM495		0.50	0.50 - 4.00	5	120	105	1/2"	1/2"	2
TMV-3	BRADLEY	S19-2000-EFX6-R-B		4.00	1.50 - 5.00	5	120	85	1/2"	1/2"	3

NOTES:
1. PROVIDE THERMOSTATIC MIXING VALVE ASSEMBLY WITH T&P GAUGES ON INLETS AND OUTLET.
2. PROVIDE ASSE-1070 VALVE FOR ALL PUBLIC LAVATORIES AND SINKS. UNIT SHALL BE MOUNTED CONCEALED FROM VIEW BELOW FIXTURE.
3. PROVIDE ASSE-1071 VALVE FOR ALL EMERGENCY FIXTURES. UNIT SHALL BE MOUNTED CONCEALED WITHIN CASEWORK DIRECTLY BELOW FIXTURE OR HIGH ABOVE CEILING DIRECTLY ABOVE FIXTURE, DEPENDING ON FIXTURE TYPE AND INSTALLATION REQUIREMENTS.

TANK SCHEDULE													
TAG	BASIS OF DESIGN			LOCATION	SYSTEM TYPE	TANK TYPE	OPERATING DATA			ASME CODE CONSTRUCTION (YES/NO)	CONNECTION SIZE		NOTES
	MANUFACTURER	MODEL					CAPACITY (GAL)	ACCEPTANCE (GAL)	AIR PRE-CHARGE PRESSURE (PSI)		INLET (IN)	OUTLET (IN)	
ET-1	AMTROL	THERM-X-TROL ST-12C-DD		EX BOILER ROOM	DHW	EXPANSION	6.40	3.20	55	YES	3/4"	3/4"	1

NOTES:
1. REFER TO MANUFACTURERS RECOMMENDATIONS FOR FINAL PIPING ARRANGEMENT.

PUMP SCHEDULE																
TAG	BASIS OF DESIGN			LOCATION	SYSTEM TYPE	PUMP TYPE	OPERATING DATA				ELECTRICAL DATA		CONNECTION SIZE		NOTES	
	MANUFACTURER	MODEL					FLOW (GPM)	PRESSURE (FT)	EFFICIENCY	POWER (HP)	SPEED (RPM)	VOLTS	PHASE	HERTZ		INLET (IN)
RCP-1	GRUNDFOS	MAGNA3 32-60-FN		EX BOILER ROOM	DHW	CIRCULATION	1.00	15.00	85%	0.40	120	1	60	3/4"	3/4"	1

NOTES:
1. PROVIDE ECM-CONTROLLED RECIRCULATION PUMP WITH INTEGRAL TEMPERATURE AND PRESSURE SENSORS AND LOGIC. UNIT SHALL BE FULLY ADJUSTABLE FOR VARYING FIELD CONDITIONS.

PLUMBING FIXTURE SCHEDULE										
TAG	FIXTURE	HEIGHT A.F.F.	BASIS OF DESIGN	CONNECTION SIZE				LEED USAGE DATA	NOTES	
				COLD WATER	TEPID WATER	HOT WATER	VENT			SOIL WASTE
EW-1	DECK-MOUNTED SWING-ACTIVED EYEWASH (ACCESSIBLE)	DECK-MOUNTED	FIXTURE: GUARDIAN G1895 VALVE: TMV-3	1/2"			1 1/4"	1 1/4"	1, 6	
EW-2	WALL-MOUNT EYEFACE WASH (ACCESSIBLE)	SPRAYHEADS AT 36"	FIXTURE: BRADLEY S19224-0A1BEA00 VALVE: TMV-3	1/2"			1 1/4"	1 1/4"	1, 6	
HB-1	HOSE BIBB - DUAL-TEMPERATURE	CENTERLINE OF OUTLET AT 36"	FIXTURE: ZURN Z1327-EZ-VB	3/4"		3/4"			7	
LA-1	WALL-HUNG LAVATORY	RIM AT 34"	FIXTURE: ZURN Z3340 FAUCET: ZURN Z9110-XL-3M	1/2"	1/2"	1 1/2"	1 1/2"	1 1/2"	0.50 GPM, 1, 3	
MB-1	MOP BASIN (32" x 32")	RIM AT 12"	FIXTURE: FIAT TS83001 FAUCET: ZURN Z843M1-XL-CS	1/2"	1/2"	2 1/2"	3"		7	
SK-1	SINK - SINGLE BASIN (ACCESSIBLE)	COUNTER MOUNTED REFER TO ARCH DWGS	FIXTURE: ELKAY LRA0221955 FAUCET: ZURN Z9128A-XL-7F	1/2"	1/2"	1 1/2"	1 1/2"	1.00 GPM	1, 3, 4, 5	
SK-2	SINK - DOUBLE BASIN WITH DRAINBOARDS PROVIDE DEDICATED FAUCET PER SINK BOWL	RIM AT 34"	FIXTURE: ELKAY E2C20X2-20X FAUCET: (2) T&S BRASS MPY-8WLN-12-CR	1/2"	1/2"	1 1/2"	1 1/2"	1.00 GPM	3, 4, 5	
SK-3	SINK - LARGE SINGLE BASIN	COUNTER MOUNTED REFER TO ARCH DWGS	FIXTURE: ELKAY DLRS3321D FAUCET: ZURN Z9128A-XL-7F	1/2"	1/2"	1 1/2"	1 1/2"	1.00 GPM	3, 4, 5	
SK-4	SINK - SINGLE BASIN UTILITY	RIM AT 30"	FIXTURE: ELKAY B1C18X18X FAUCET: ZURN Z843J1-XL-7F	1/2"	1/2"	1 1/2"	1 1/2"	1.00 GPM	3, 4, 5	
WB-1	WASHER BOX	CENTER AT 42"	FIXTURE: GUY GRAY WB200HATM	1/2"	1/2"	1 1/2"	2"			
WC-1	FLOOR-MOUNTED WATER CLOSET (ACCESSIBLE)	TOP OF SEAT 17"	FIXTURE: ZURN Z5665 FLUSH VALVE: ZURN Z600AV-HET	1"			2"	4"	1.28 GPF, 1, 2	
WH-1	WALL HYDRANT	CENTERLINE OF OUTLET AT 19"	FIXTURE: WATTS HY-330	3/4"						

NOTES:
1. THIS ACCESSIBLE FIXTURE, ACCESSORIES, AND INSTALLATION SHALL CONFORM TO THE USBC AND ASAD ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. LOCATE FLUSH ACTUATORS ON WIDE SIDE OF STALLS OR APPROACH AREAS.
3. PROVIDE ASSE-1070 CERTIFIED MIXING VALVE BELOW FIXTURE ACCESSIBLE BUT CONCEALED FROM VIEW.
4. PROVIDE PLASTER TRAPS FOR ALL SINKS IN THROWING STUDIO AND HAND BUILDING STUDIO. PROVIDE PLASTER TRAP AT EACH SINK BOWL FOR DOUBLE BOWL SINK LOCATIONS.
5. PROVIDE TRAP TYPE ACID NEUTRALIZER EQUAL TO ZURN Z9A-PHX FOR PRINT MAKING STUDIO SINKS AND SINKS OF SIMILAR FUNCTION.
6. PROVIDE ASSE-1071 CERTIFIED MIXING VALVE BELOW FIXTURE OR ABOVE CEILING CONCEALED FROM VIEW FOR ALL EMERGENCY FIXTURE LOCATIONS.
7. PROVIDE DUAL-TEMPERATURE HOSE BIBB ADJACENT TO MOP BASIN WITH ASSE-1062 BACKFLOW DEVICE. COORDINATE FINAL LOCATION WITH JANITORIAL CHEMICAL DISPENSING STATION.

DRAIN AND CLEANOUT SCHEDULE				
TAG	BASIS OF DESIGN		STRAINER/GRATE	NOTES
	MANUFACTURER	MODEL		
FCO	ZURN	ZN1400	FLOOR CLEANOUT	
FD-1	ZURN	Z4158-P	6" x 6"	1

NOTES:
1. PROVIDE TRAP PRIMER CONNECTION AND EXTENSION, SEE DETAIL.

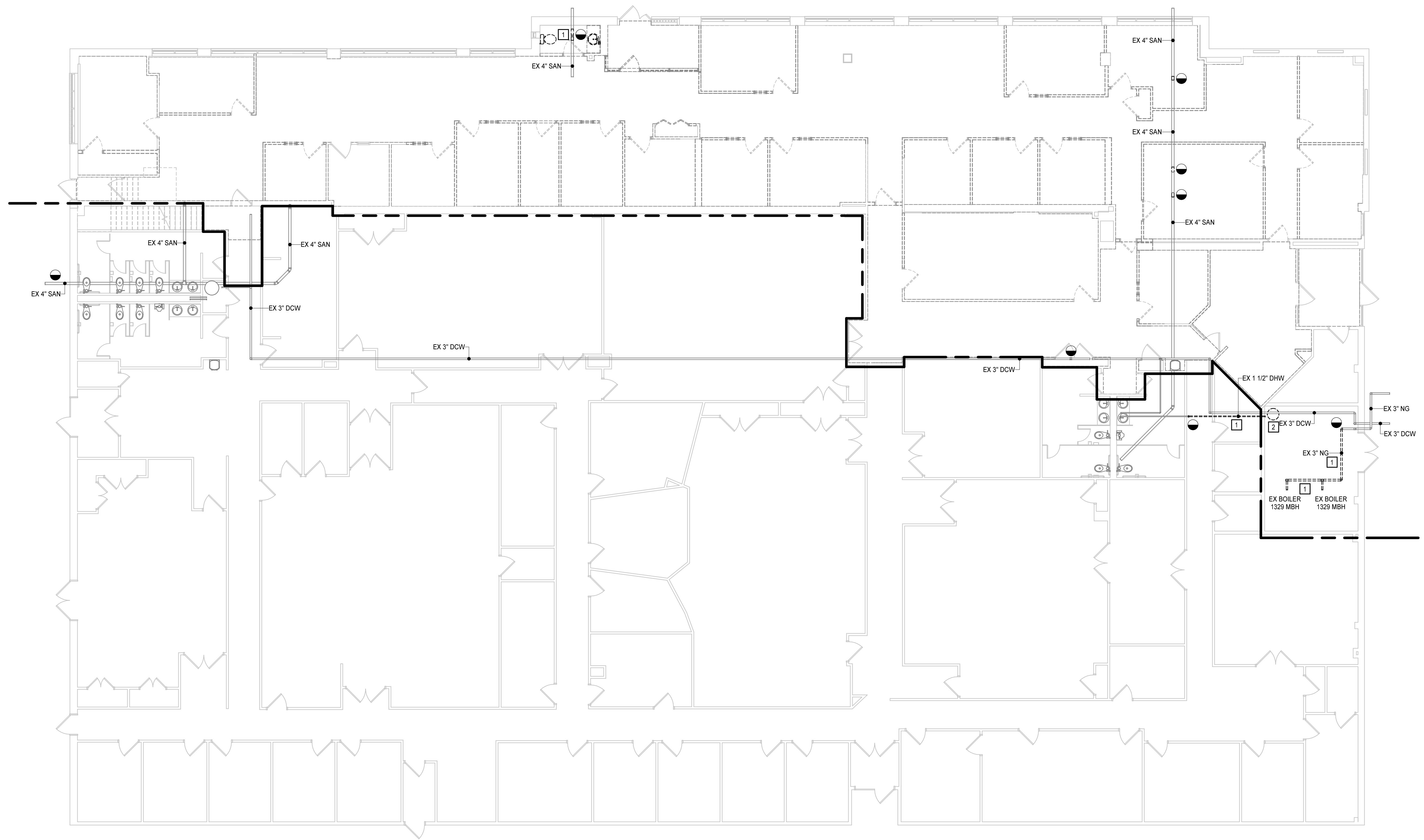
GENERAL NOTES	

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY AND COORDINATE ALL EXISTING FIELD CONDITIONS PRIOR TO BEGINNING ANY DEMOLITION WORK. PROTECT ANY AND ALL EQUIPMENT, PIPING AND ACCESSORIES NOT BEING DEMOLISHED DURING DEMOLITION. PATCH AND REPAIR ANY DAMAGE TO CONDITIONS EQUAL TO OR BETTER THAN THE CONDITIONS PRIOR TO DEMOLITION.
2. CONTRACTOR SHALL COORDINATE EQUIPMENT THAT IS TO BE SALVAGED WITH THE OWNER PRIOR TO DEMOLITION WORK BEGINNING.

KEYNOTES

- APPLIES TO DRAWINGS P1.1
 REPRESENTED BY [n]
1. REMOVE EXISTING PLUMBING FIXTURES AND ASSOCIATED PIPING, FITTINGS, AND ACCESSORIES COMPLETE BACK TO POINTS INDICATED. PIPES BELOW THE FLOOR THAT ARE NOT BEING RE-USED AS PART OF THE RENOVATION EFFORT SHALL BE REMOVED. REMOVE ALL DOMESTIC WATER, SANITARY, AND VENT PIPES BACK TO WALL OR FLOOR VALVE AND CAP OR PREPARE FOR NEW CONNECTIONS AS NEEDED.
 2. REMOVE EXISTING DOMESTIC, ELECTRIC, TANK-TYPE WATER HEATER COMPLETE AND PREPARE FOR NEW CONNECTION.



N
 DEMOLITION FLOOR PLAN - PLUMBING
 1/8" = 1'-0"



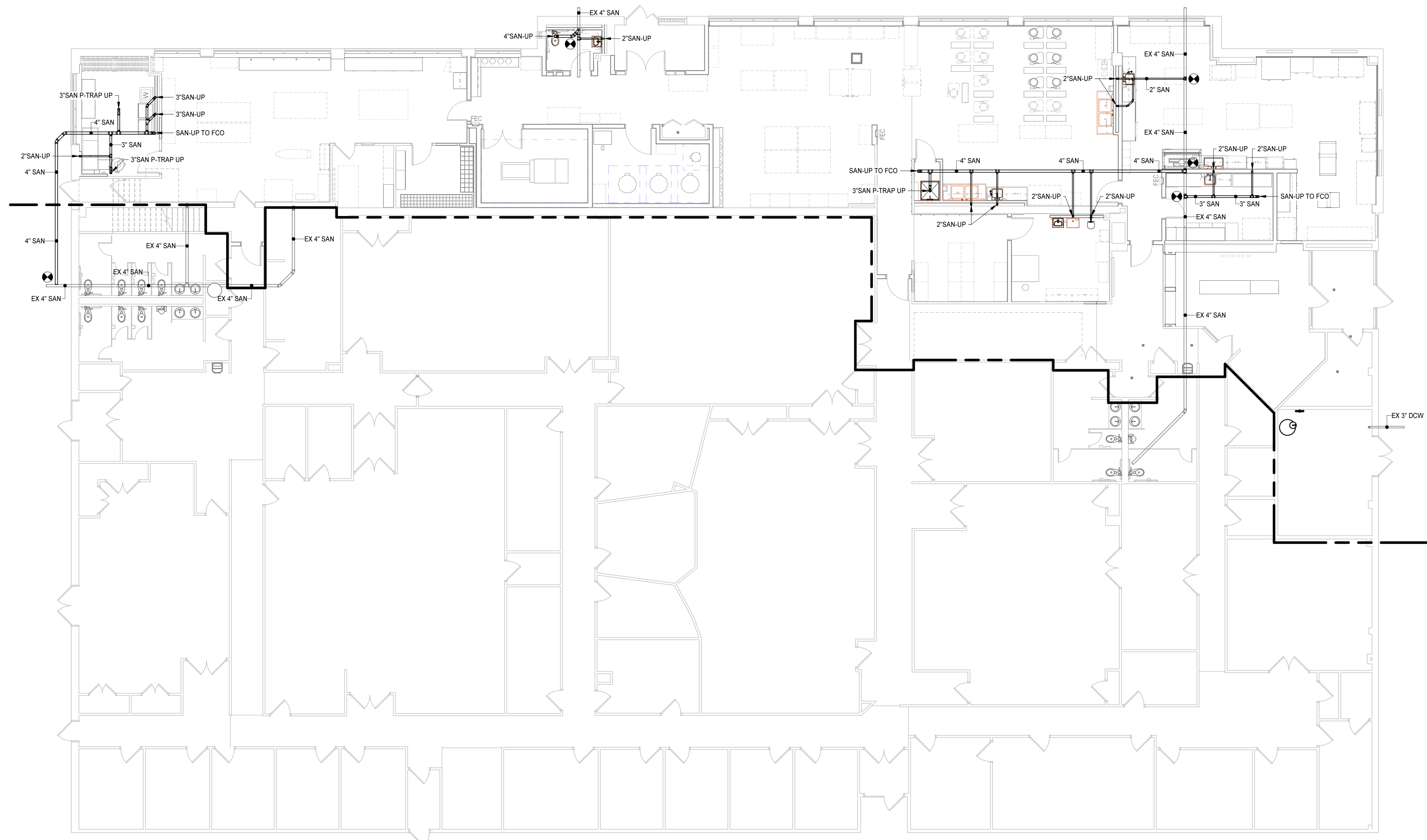
ARLINGTON CULTURAL AFFAIRS RENO

624801
 ARLINGTON COUNTY GOVERNMENT
 3700 S. FOUR MILE RUN DRIVE

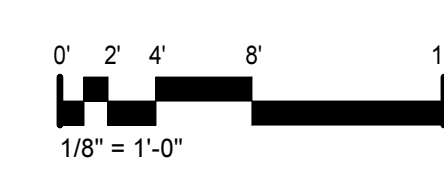
PROJECT NO:	624801
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DEMOLITION PLAN -
 PLUMBING

KEYNOTES	
APPLIES TO DRAWINGS P2.0.1	
REPRESENTED BY [Symbol]	
1.	SANITARY UP TO FLOOR CLEANOUT.
2.	2" SAN-UP
3.	4" SAN-UP
4.	3" SAN PTRAP-UP.
5.	3" SAN-UP



N
 FOUNDATION PLAN - PLUMBING
 1/8" = 1'-0"



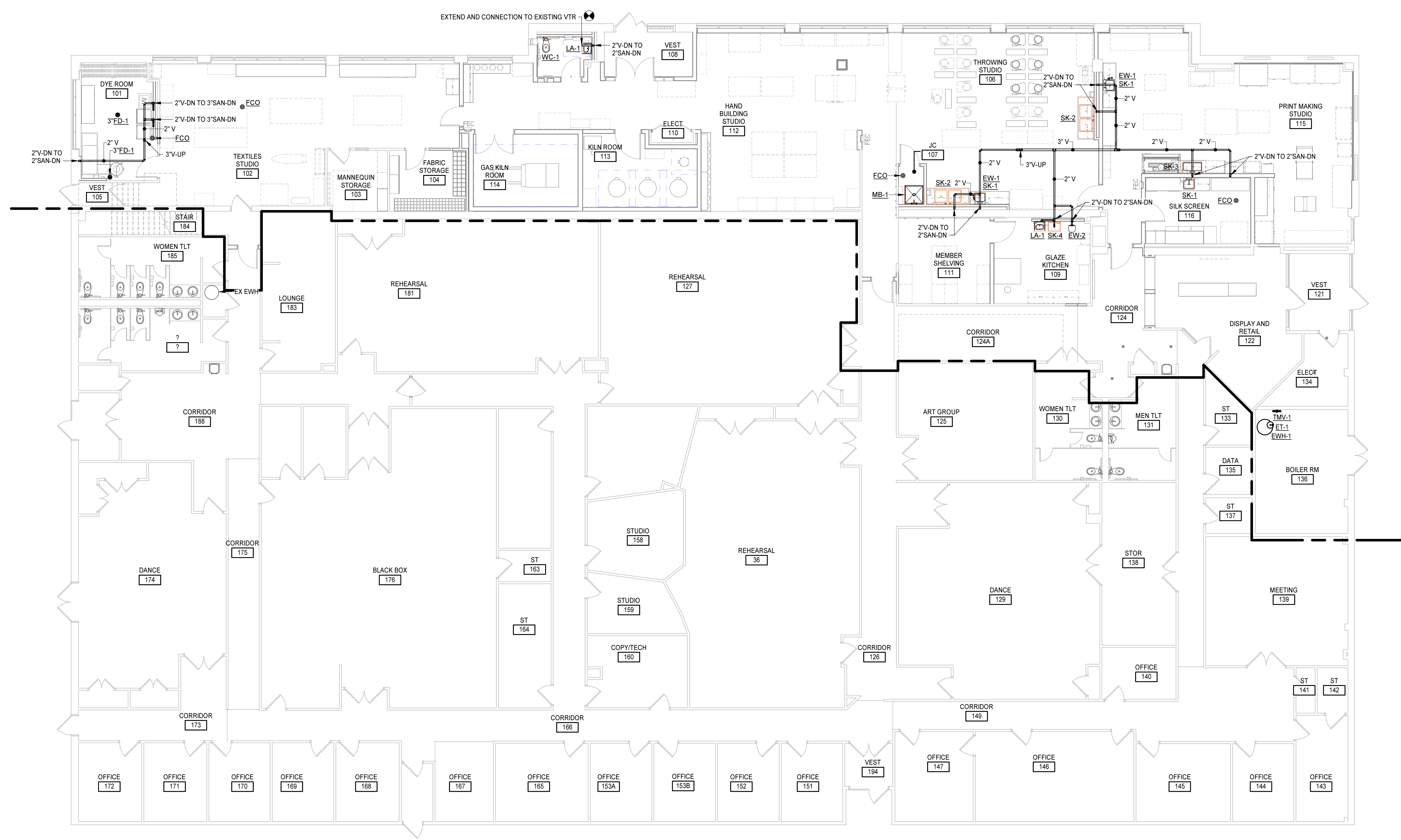
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624801
 ARLINGTON COUNTY GOVERNMENT
 3700 S. FOUR MILE RUN DRIVE

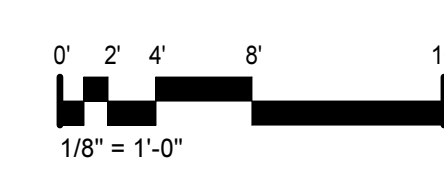
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FOUNDATION PLAN - PLUMBING

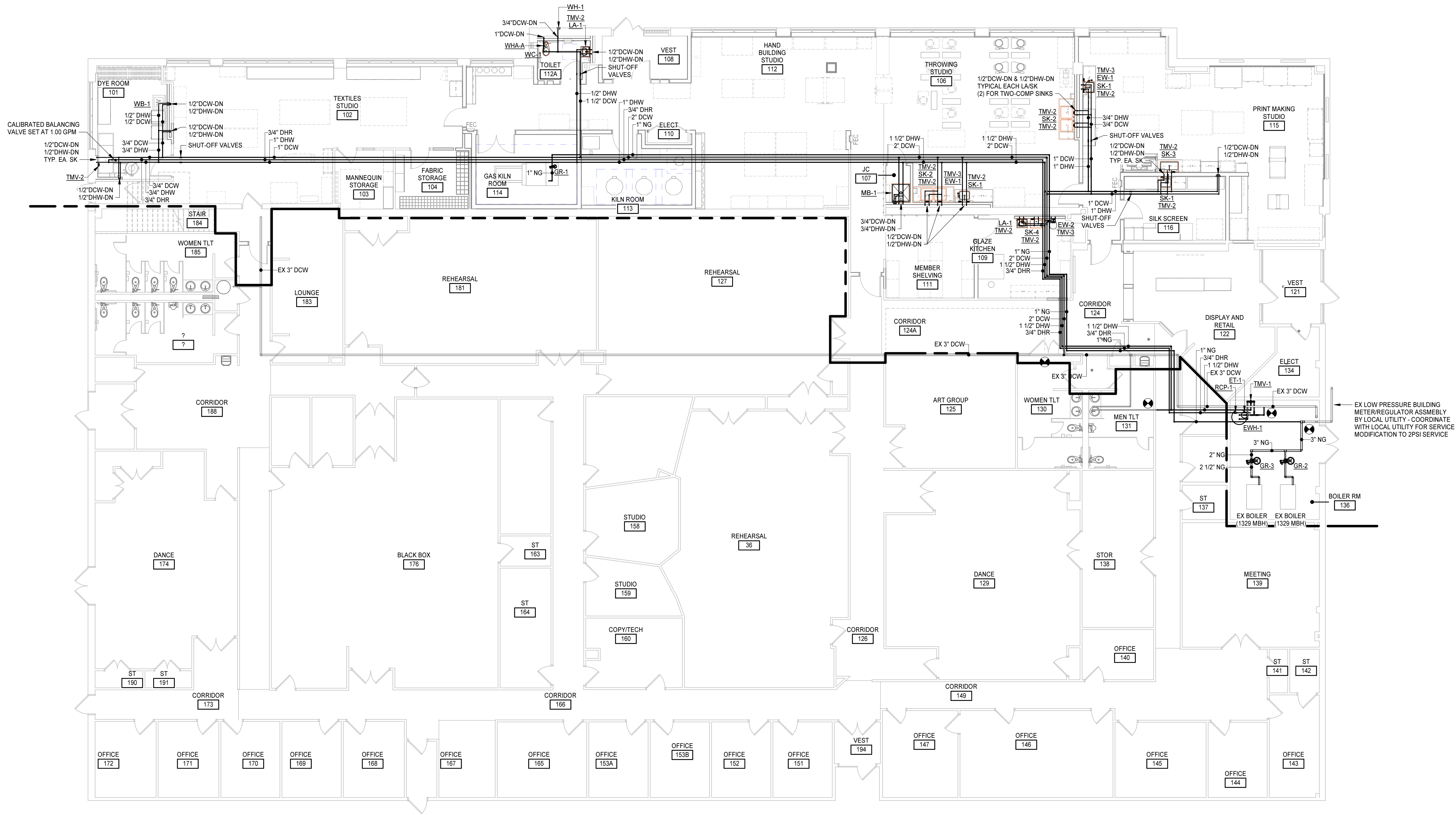
P2.0.1



FIRST FLOOR PLAN - SANITARY
 1/8" = 1'-0"

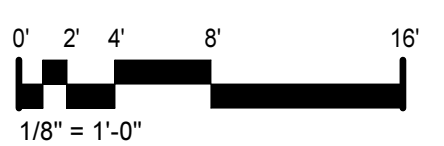


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FIRST FLOOR PLAN - DOMESTIC
 1/8" = 1'-0"

EX LOW PRESSURE BUILDING METER/REGULATOR ASSEMBLY BY LOCAL UTILITY - COORDINATE WITH LOCAL UTILITY FOR SERVICE MODIFICATION TO 2PSI SERVICE



ARLINGTON CULTURAL AFFAIRS RENO

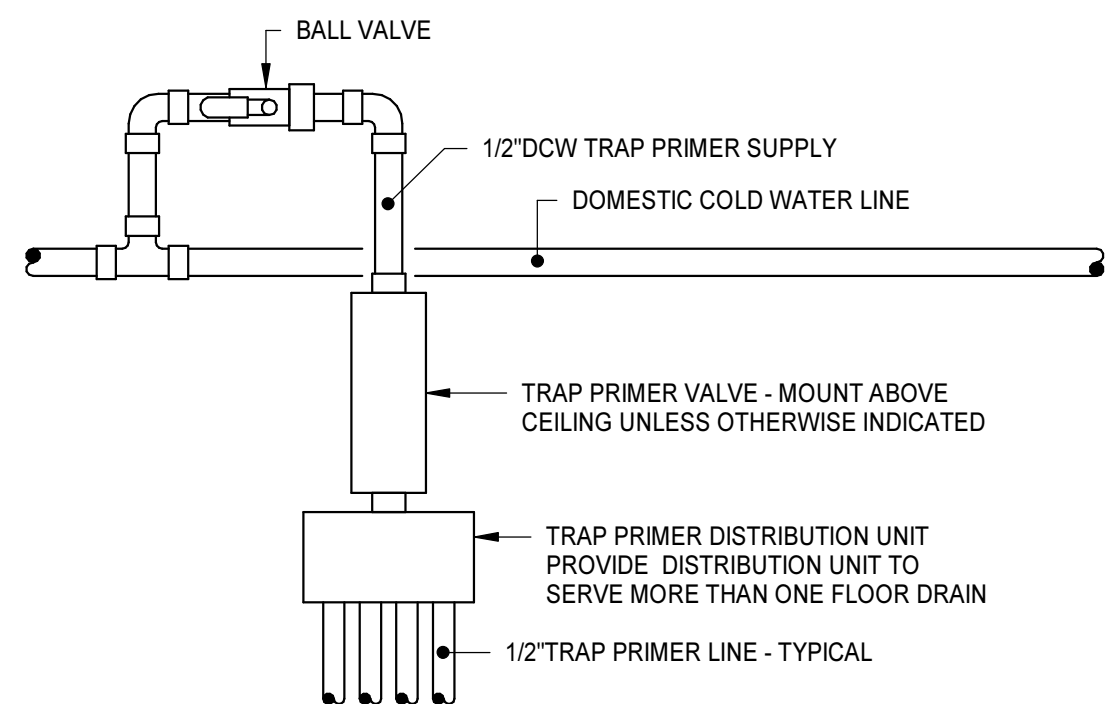
624801
 ARLINGTON COUNTY GOVERNMENT
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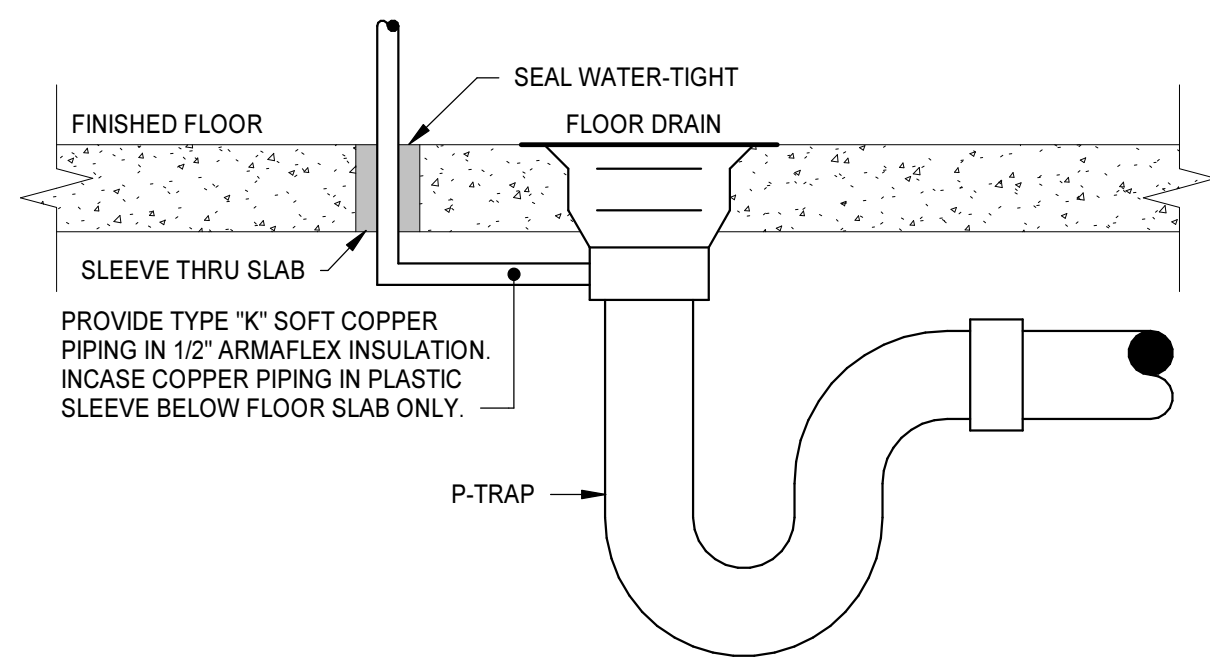
FLOOR PLAN - DOMESTIC

P2.1.2

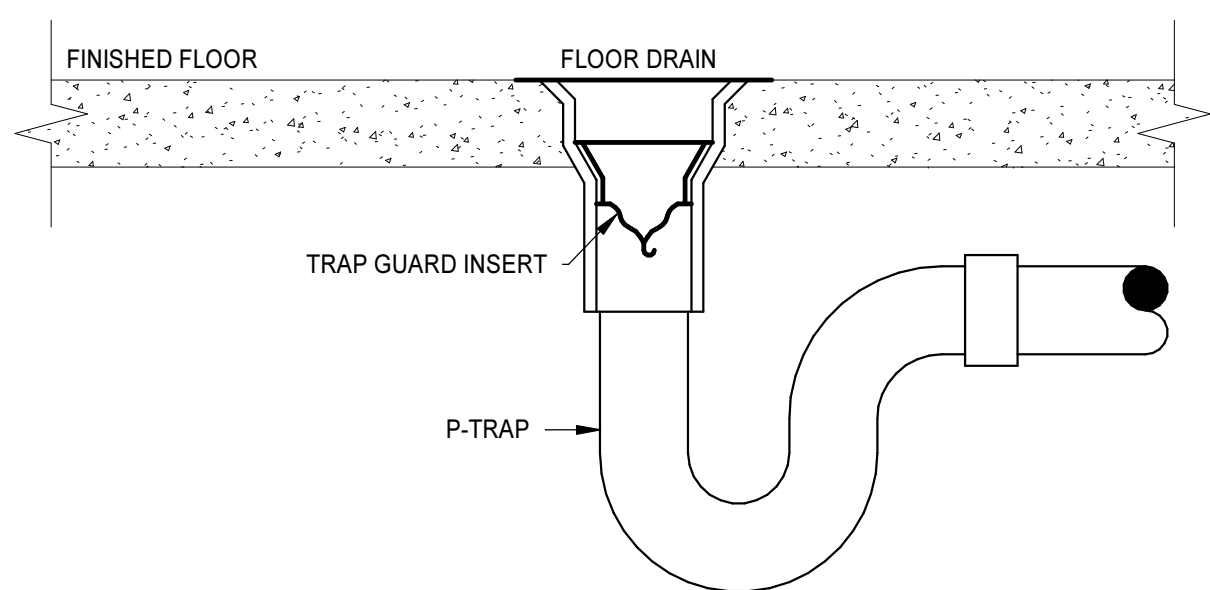
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- NOTES:**
1. PRIMERS, VALVES, AND ASSOCIATED PIPING SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS.
 2. PROVIDE DISTRIBUTION UNIT SIZED FOR NUMBER OF DRAINS TO BE SERVED BY EACH INDIVIDUAL PRIMER.
 3. DISTRIBUTION UNIT SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.



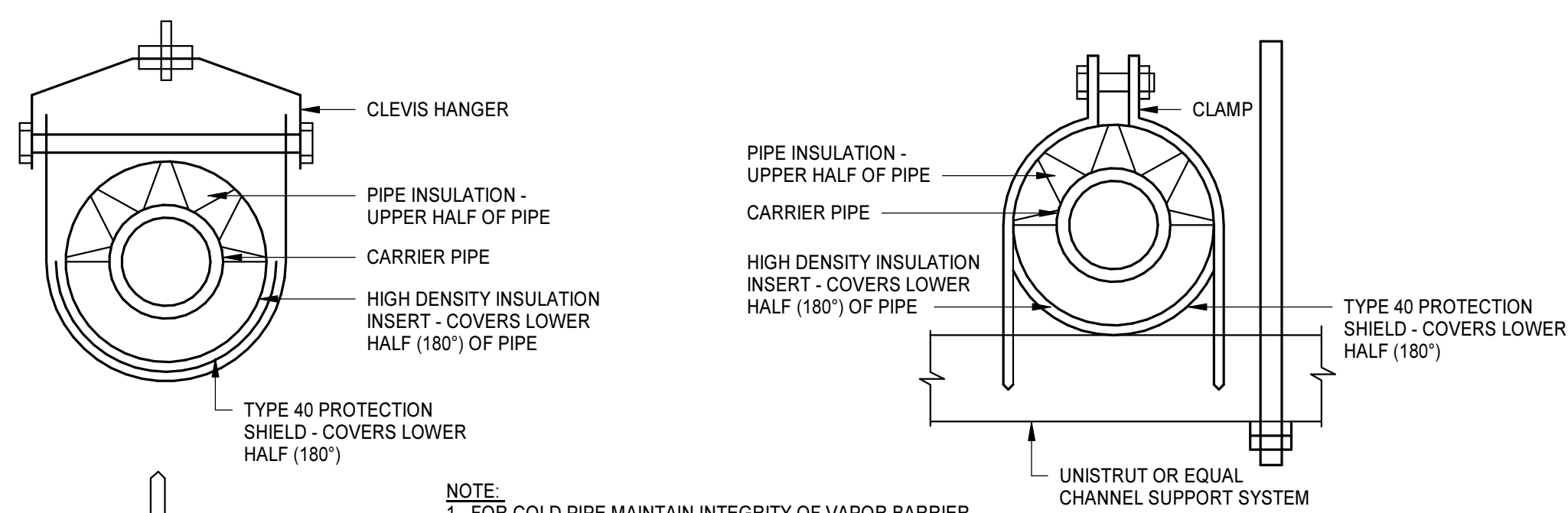
MECHANICAL PRIMER DETAIL



TRAP GUARD INSERT DETAIL

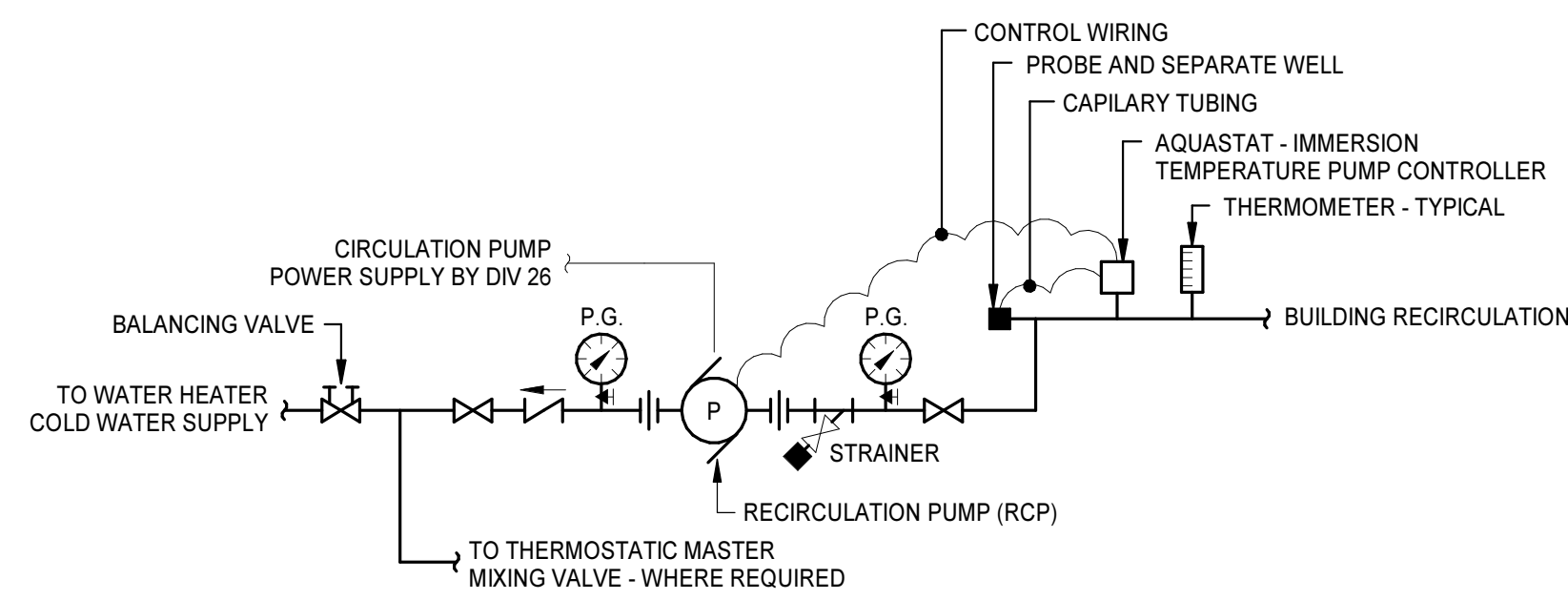
TRAP PRIMER ASSEMBLY DETAILS

NO SCALE



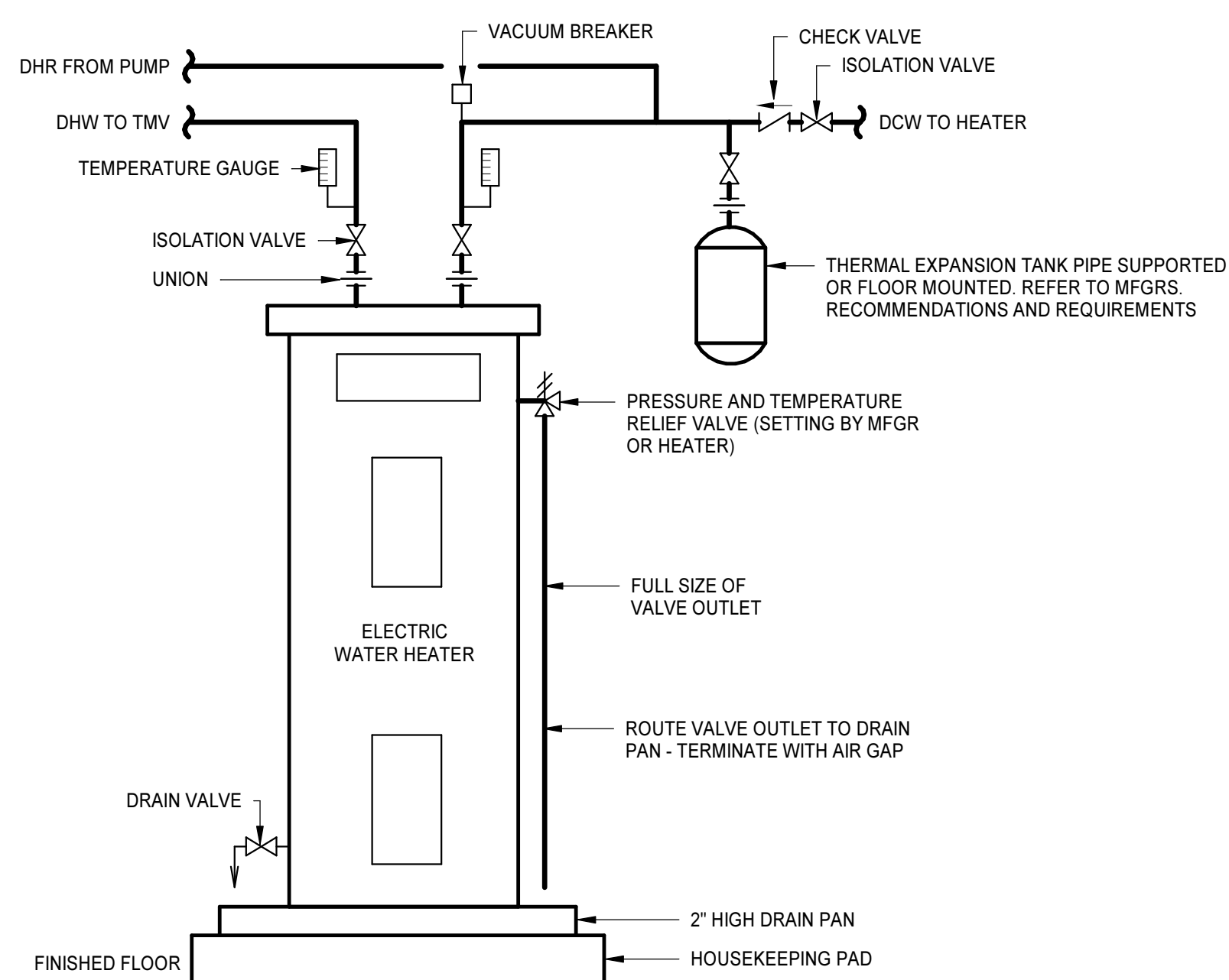
PIPE SUPPORT AND THERMAL SHIELD DETAILS

NO SCALE



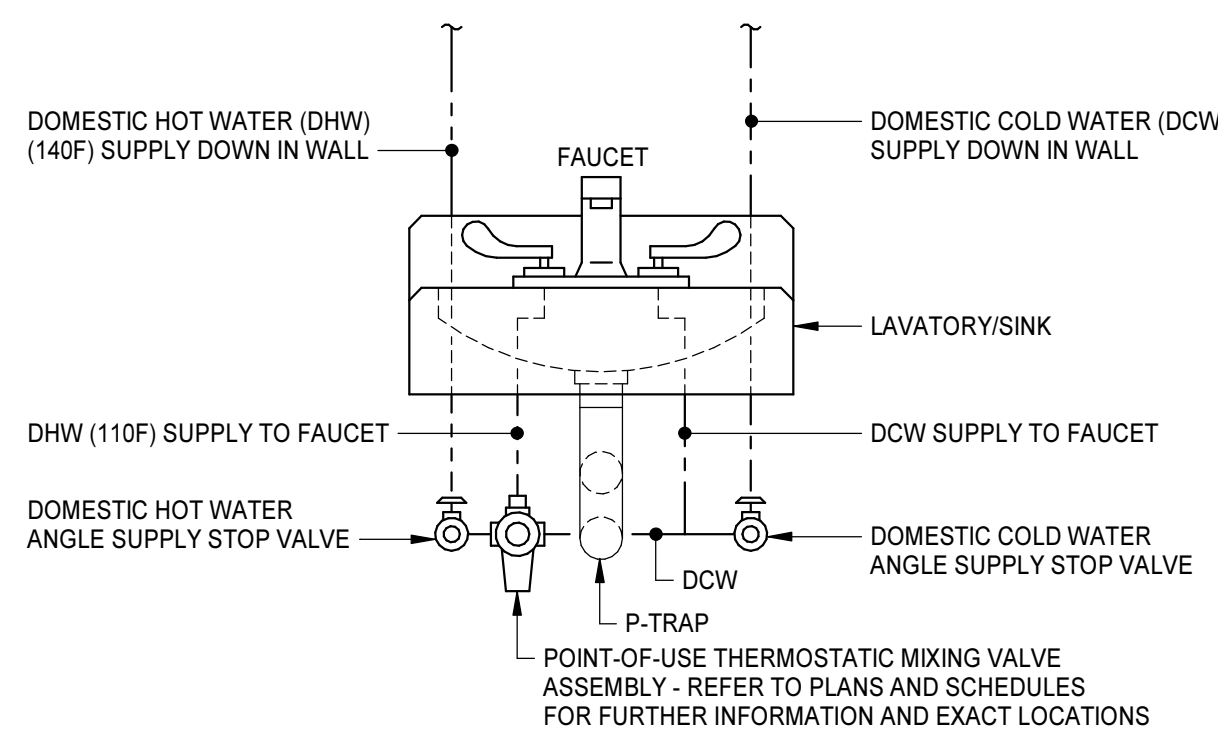
CIRCULATION PUMP DETAIL

NO SCALE



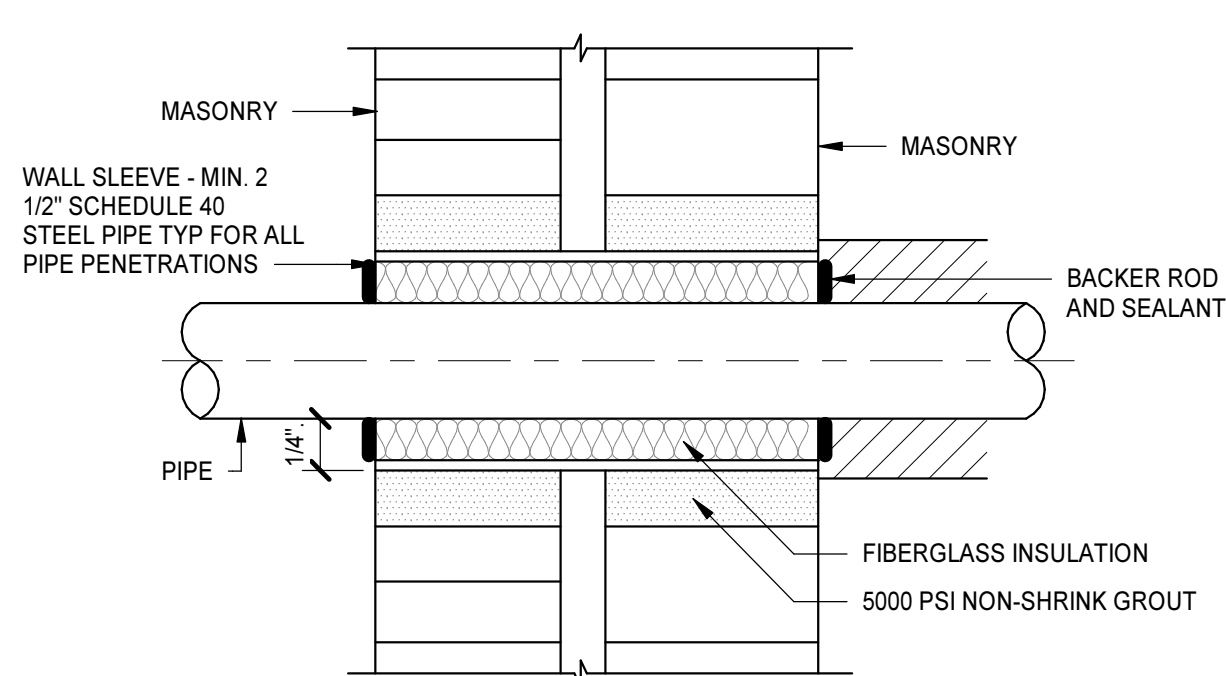
FLOOR MOUNTED ELECTRIC WATER HEATER DETAIL

NO SCALE



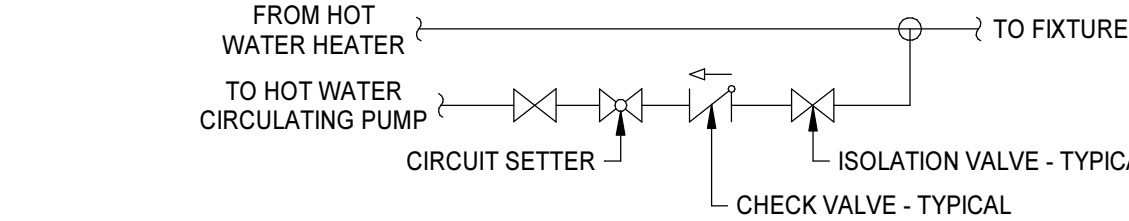
ASSE-1070 LAVATORY/SINK DETAIL

NO SCALE



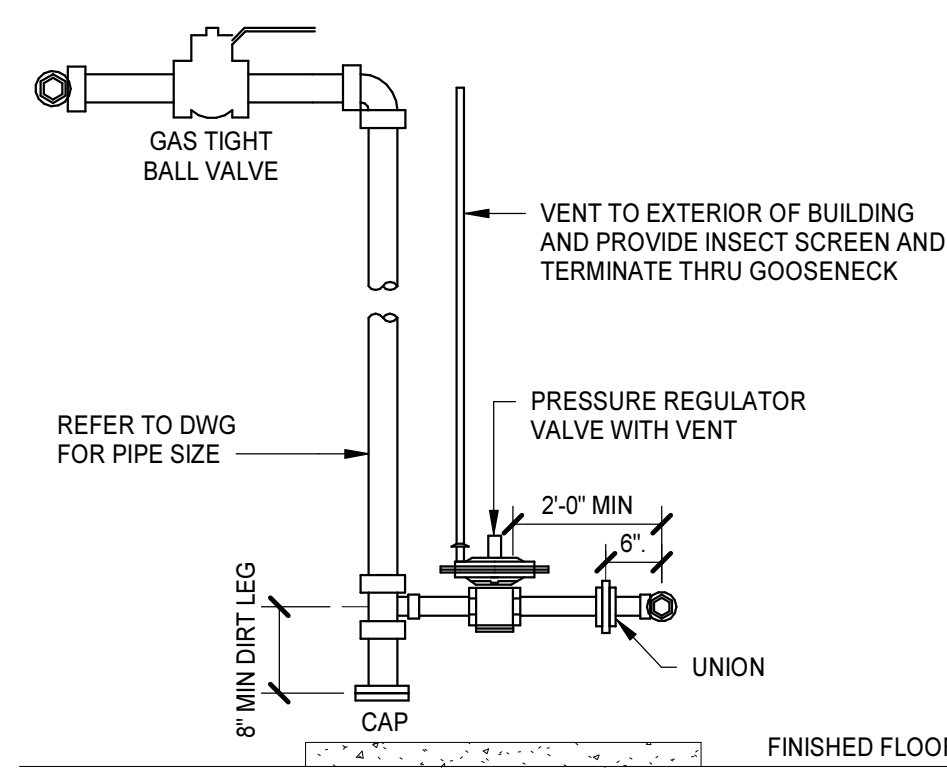
PIPE SLEEVE DETAIL

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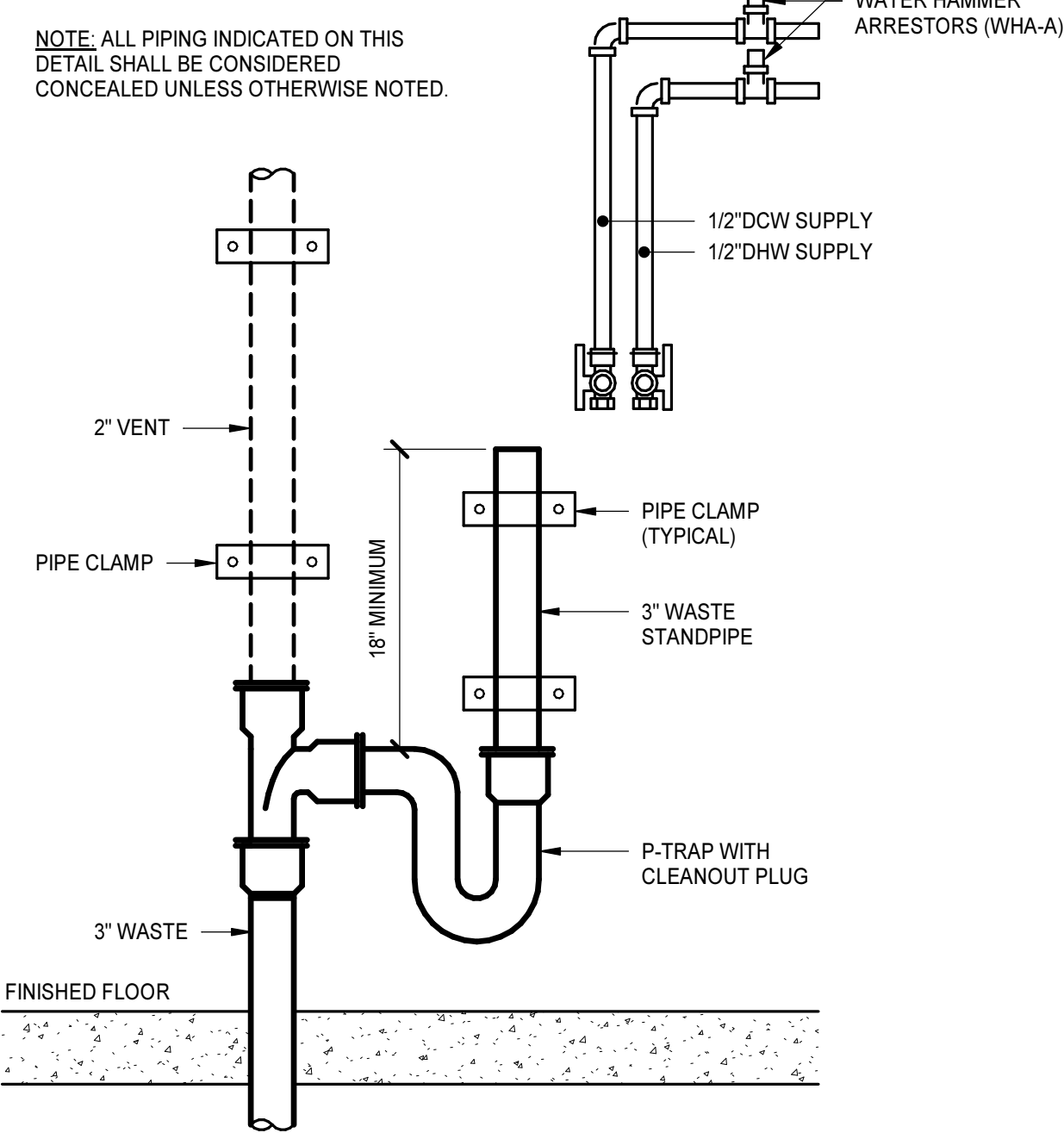
HOT WATER RECIRCULATION BRANCH CONNECTION DETAIL

NO SCALE



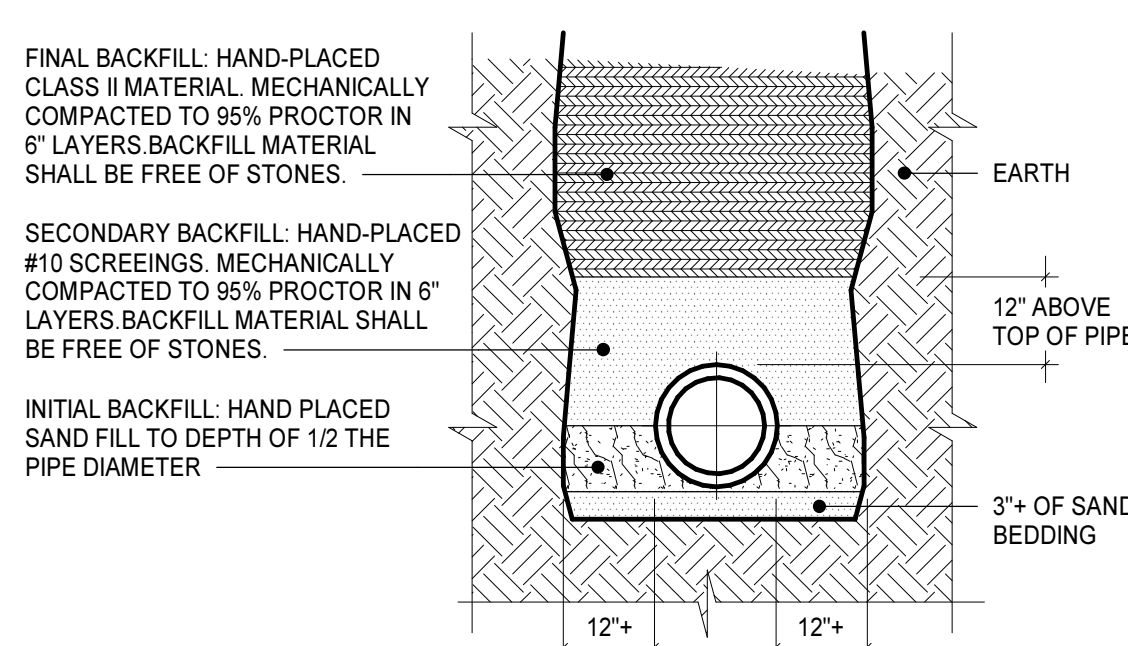
INTERIOR GAS CONNECTION DETAIL

NO SCALE



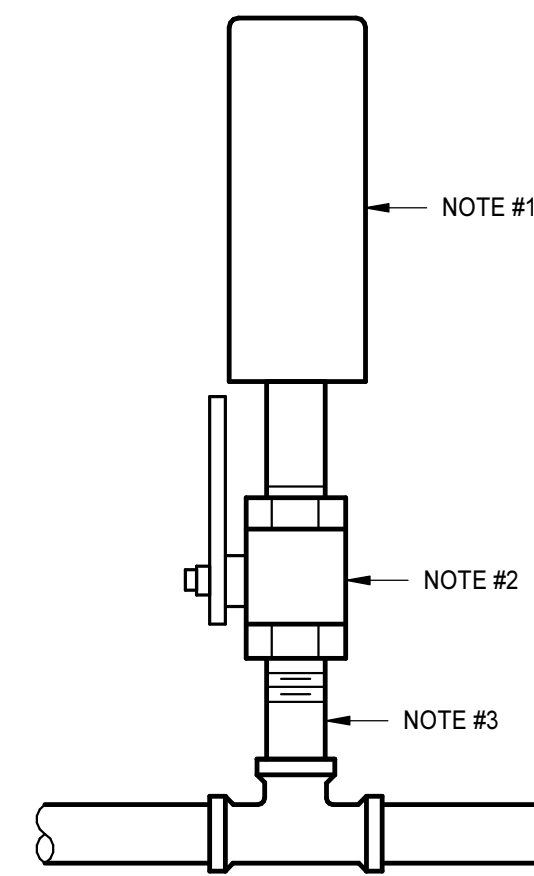
WASHING MACHINE STANDPIPE DRAIN DETAIL

NO SCALE



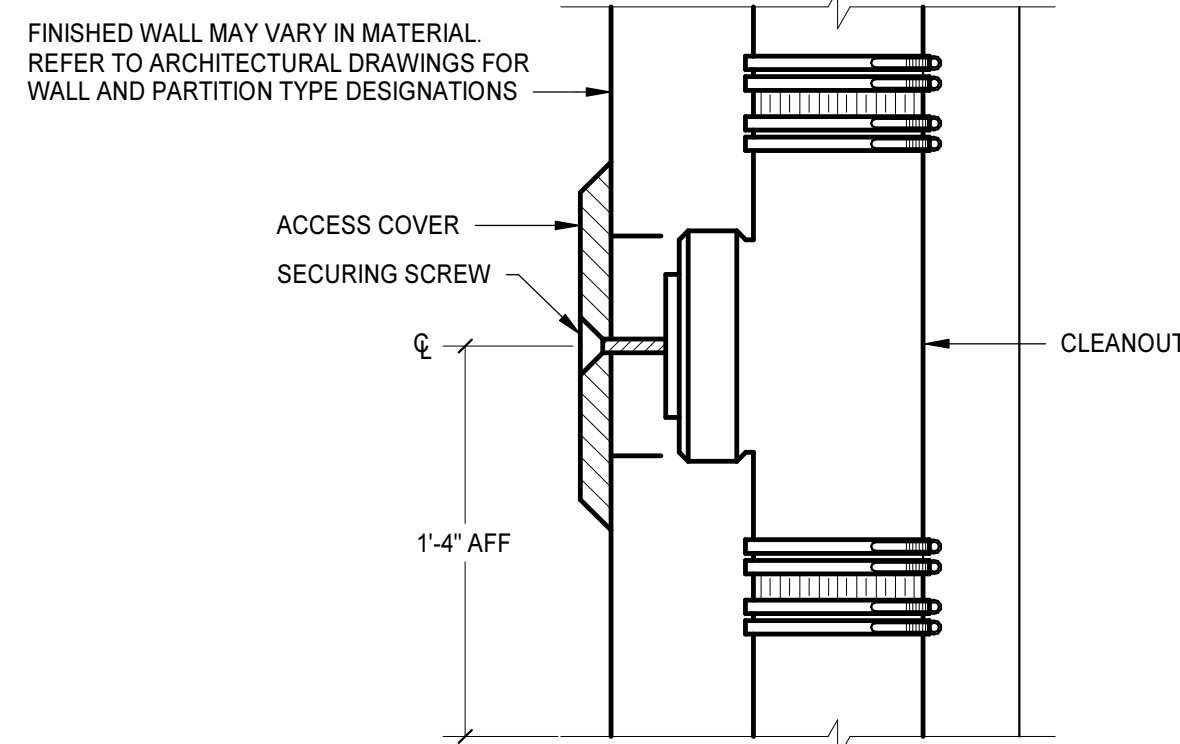
PVC PIPE BEDDING DETAIL

NO SCALE



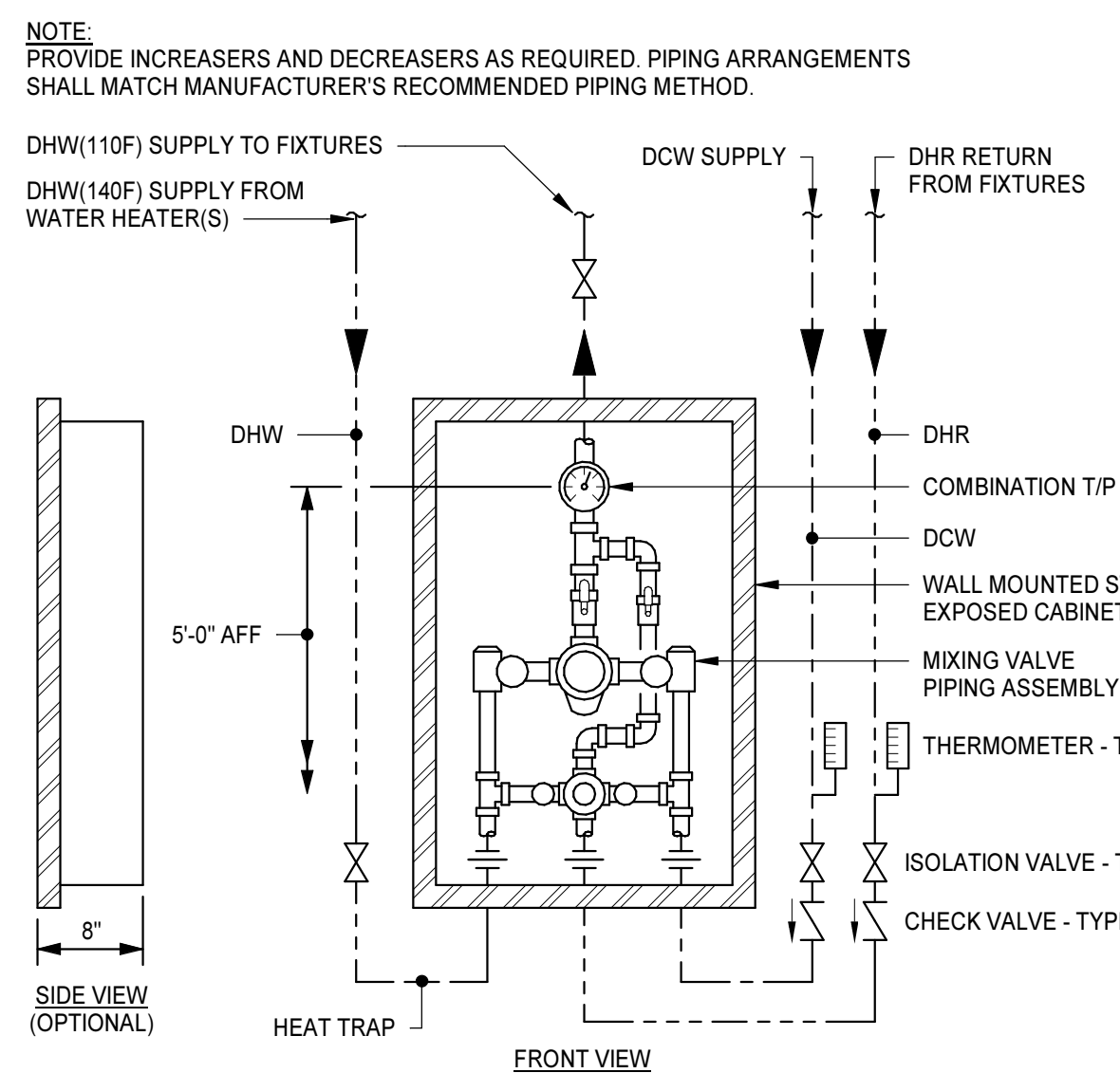
WATER HAMMER ARRESTOR DETAIL

NO SCALE



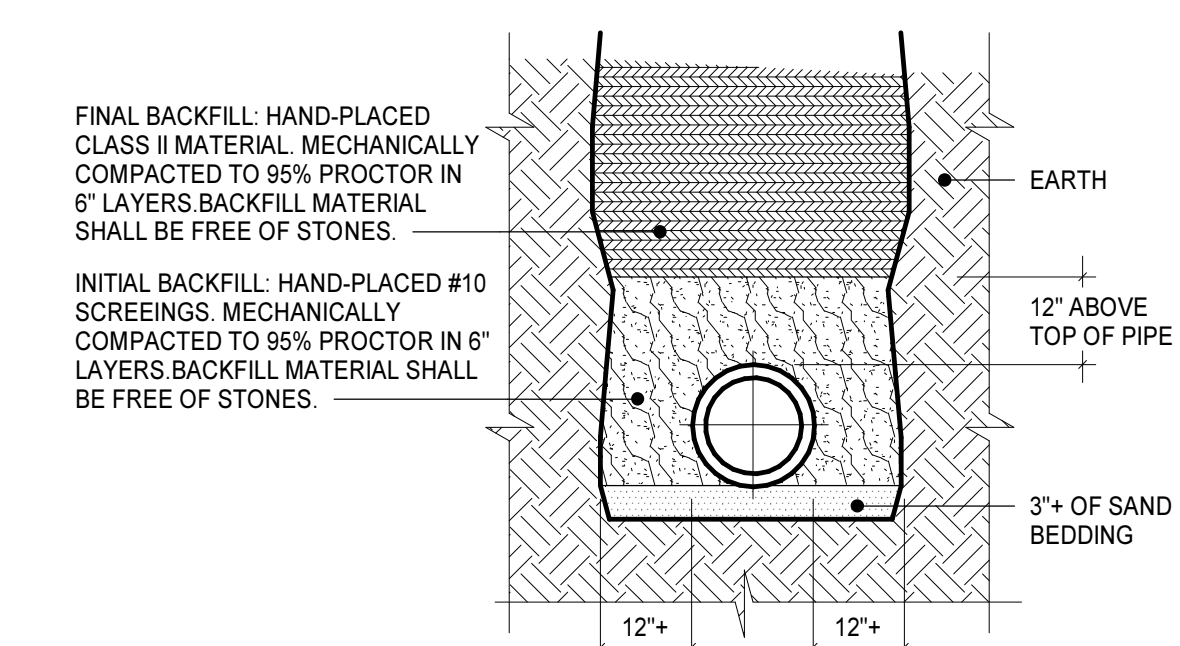
WALL CLEANOUT DETAIL

NO SCALE



THERMOSTATIC MIXING VALVE DETAIL

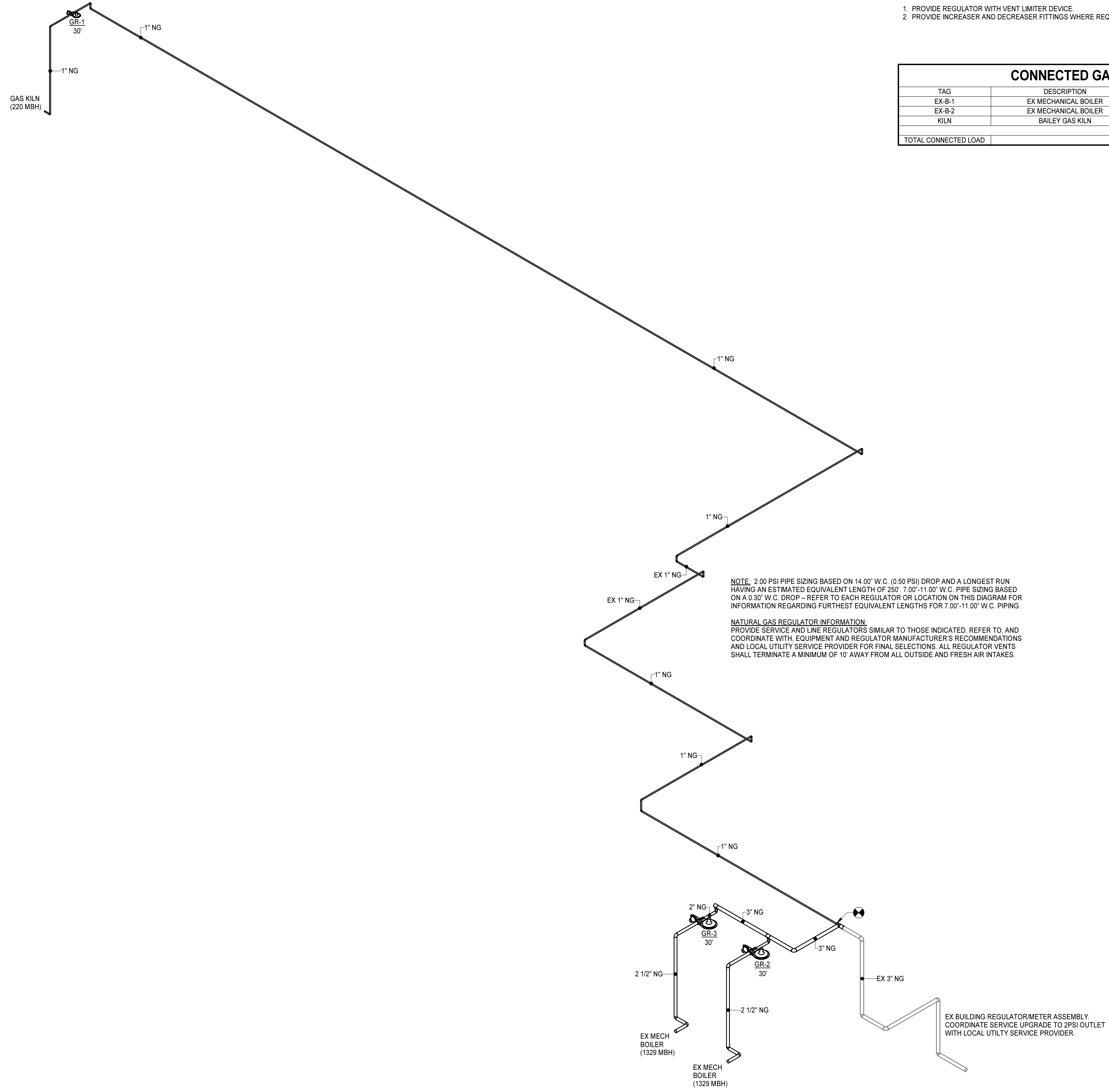
NO SCALE



CAST IRON PIPE BEDDING DETAIL

NO SCALE

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GAS PIPING DIAGRAM
NO SCALE

GAS REGULATOR SCHEDULE													
TAG	BASIS OF DESIGN			LOAD		PRESSURE		ORIFICE	ORIFICE ANGLE	CONNECTION SIZE			NOTES
	MANUFACTURER	MODEL	SPRING	SERVICE	MBH	INLET (PSI)	OUTLET (PSI)			VENT (IN)	INLET (IN)	OUTLET (IN)	
GR-1	SENSUS	143-85-2 1" x 1"	GREEN 143-82-021-17	BAILEY GAS KILN	220	2 PSI	11" w.c.	3/8"	N/A	1"	1"	1"	2
GR-2	SENSUS	243-12-2	GREEN 143-16-021-05	EXISTING MECHANICAL BOILER	1,329	2 PSI	11" w.c.	3/4"	30°	1"	2"	2 1/2"	2
GR-3	SENSUS	243-12-2	GREEN 143-16-021-05	EXISTING MECHANICAL BOILER	1,329	2 PSI	11" w.c.	3/4"	30°	1"	2"	2 1/2"	2

1. PROVIDE REGULATOR WITH VENT LIMITER DEVICE
2. PROVIDE INCREASER AND DECREASER FITTINGS WHERE REQUIRED TO PROVIDE DESIRED INLET AND OUTLET CONNECTION SIZES TO VARYING REGULATOR BODY SIZES.

CONNECTED GAS LOAD SCHEDULE			
TAG	DESCRIPTION	LOCATION	INPUT (BTU/H)
EX-B-1	EX MECHANICAL BOILER	BOILER ROOM 138	1,329,000
EX-B-2	EX MECHANICAL BOILER	BOILER ROOM 138	1,329,000
KILN	BAILEY GAS KILN	GAS KILN ROOM 114	220,000
TOTAL CONNECTED LOAD			2,878,000

NOTE: 2.00 PSI PIPE SIZING BASED ON 14.00' W.C. (0.50 PSI) DROP AND A LONGEST RUN HAVING AN ESTIMATED EQUIVALENT LENGTH OF 250'. 7.00"-11.00" W.C. PIPE SIZING BASED ON A 0.30' W.C. DROP - REFER TO EACH REGULATOR OR LOCATION ON THIS DIAGRAM FOR INFORMATION REGARDING FURTHEST EQUIVALENT LENGTHS FOR 7.00"-11.00" W.C. PIPING.

NATURAL GAS REGULATOR INFORMATION:
PROVIDE SERVICE AND LINE REGULATORS SIMILAR TO THOSE INDICATED. REFER TO, AND COORDINATE WITH, EQUIPMENT AND REGULATOR MANUFACTURER'S RECOMMENDATIONS AND LOCAL UTILITY SERVICE PROVIDER FOR FINAL SELECTIONS. ALL REGULATOR VENTS SHALL TERMINATE A MINIMUM OF 10' AWAY FROM ALL OUTSIDE AND FRESH AIR INTAKES.

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ABBREVIATIONS	
@	AT
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
BLDG	BUILDING
CL	CENTERLINE
CLG	CEILING
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUATION
CORR	CORRIDOR
CR	CLASSROOM
CU	CUBIC
CU FT	CUBIC FEET
DCW	DOMESTIC COLD WATER
DEG	DEGREE(S)
DEMO	DEMOLISH OR DEMOLITION
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DN	DOWN
DP	DRY PIPE
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
E	EAST
ECGH	ELECTRIC CEILING HEATER
EF	EXHAUST FAN
EH-1	EXTRA HAZARD GROUP 1
EH-2	EXTRA HAZARD GROUP 2
ELEC	ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
ET	EXPANSION TANK
ETR	EXISTING TO REMAIN
EWI	ELECTRIC WATER HEATER
EX	EXISTING
EXP	EXPANSION
F	FARENHEIT
FD	FIRE DAMPER
FDC	FIRE DEPARTMENT CONNECTION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHS	FIRE HOSE STATION
FHVC	FIRE HOSE VALVE CABINET
FLR	FLOOR
FP	FIRE PROTECTION
FT	FOOT OR FEET
FVC	FIRE VALVE CABINET
GAL	GALLONS
GPM	GALLONS PER MINUTE
GUH	GAS-FIRED UNIT HEATER
HB	HOSE BIB
HD	HEAD
HORIZ	HORIZONTAL
HP	HORSEPOWER
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCH
INSUL	INSULATE OR INSULATION
JAN	JANITOR
KIT	KITCHEN
KW	KILOWATT(S)
LAB	LABORATORY
LAV	LAVATORY
LBS	POUNDS
LF	LINEAR FOOT (FEET)
LH	LIGHT HAZARD
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
N	NORTH
NA	NOT APPLICABLE/AVAILABLE
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO. OR #	NUMBER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFF	OFFICE
OH-1	ORDINARY HAZARD GROUP 1
OH-2	ORDINARY HAZARD GROUP 2
P	PUMP
PC	PRECAST
PV	POST INDICATOR VALVE
POLY	POLYETHYLENE
PREFAB	PREFABRICATE(D)
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PSIG	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
R	RISER
REF	REFERENCE
REQ	REQUIRED
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
S	SOUTH
SAN	SANITARY
SCH	SCHEDULE
SD	SMOKE DAMPER
SHT	SHEET
SM	SIMILAR
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
STD	STANDARD
STL	STEEL
STOR	STORAGE
SW	SWITCH
T	TEMPERATURE
THK	THICKNESS
TLT	TOILET
TOSL	TOP OF SLAB
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UI	UNLESS INDICATED
UNO	UNLESS NOTED (INDICATED) OTHERWISE
V	VOLTS
VERT	VERTICAL
W	WEST
W	WITH
W/O	WITHOUT
WH	WATER HEATER

GRAPHICS SYMBOLS LEGEND

	VALVE		INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON LIGHT HAZARD CLASSIFICATION PROVIDING A DENSITY OF 0.10 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET.
	GATE VALVE		INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF DRY SPRINKLER HEADS IS BASED ON ORDINARY HAZARD GROUP 1 CLASSIFICATION PROVIDING A DENSITY OF 0.15 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET.
	VALVE IN RISER		INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON EXTRA HAZARD GROUP 2 CLASSIFICATION PROVIDING A DENSITY OF 0.20 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET.
	CHECK VALVE		INDICATES AREAS OF THE BUILDING THAT WILL REQUIRE ORDINARY HAZARD GROUP 1 ANTI-FREEZE PROTECTION, BRANCHING FROM THE LINE THAT SERVES THE AREA. REFER TO ANTI-FREEZE DETAIL.
	SOLENOID VALVE		INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON EXTRA HAZARD GROUP 2 CLASSIFICATION PROVIDING A DENSITY OF 0.30 GPM PER SQUARE FOOT OVER 2500 SQUARE FEET.
	FLOW SWITCH		INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON EXTRA HAZARD GROUP 2 CLASSIFICATION PROVIDING A DENSITY OF 0.40 GPM PER SQUARE FOOT OVER 2500 SQUARE FEET.
	PRESSURE REDUCING VALVE		POINT OF CONNECTION TO EXISTING
	DOUBLE CHECK BACKFLOW PREVENTER		LIMIT OF DEMOLITION
	FIRE PROTECTION WET SPRINKLER PIPING		KEYNOTE
	FIRE PROTECTION DRY SPRINKLER PIPING		SPACE IDENTIFICATION TAG SPACE NUMBER BUILDING AREA (WHEN USED)
	FIRE EXTINGUISHING GAS PIPING		EQUIPMENT IDENTIFICATION TAG EQUIPMENT NUMBER UNIT DESIGNATION
	FIRE PROTECTION DRY SPRINKLER PIPING		STRUCTURAL GRID LINE WITH DESIGNATION
	UNION		SECTION WHERE CUT SECTION LETTER DRAWING WHERE SECTION IS INDICATED
	PRESSURE GAUGE WITH GAUGE COCK		ENLARGED PLAN WHERE CUT ENLARGED PLAN NUMBER DRAWING WHERE ENLARGED PLAN IS INDICATED
	PIPE TURNED DOWN		DETAIL TAG DETAIL NUMBER DRAWING WHERE DETAIL IS INDICATED
	PIPE TEE UP		DETAIL TITLE DETAIL NUMBER DRAWING WHERE DETAIL IS INDICATED ADDITIONAL DRAWING REFERENCES
	PIPE TEE DOWN		SECTION TITLE SECTION LETTER DRAWING WHERE SECTION IS INDICATED ADDITIONAL DRAWING REFERENCES
	PIPE CAP		
	PITCH PIPE DOWN IN DIRECTION OF ARROW AT INDICATED SLOPE		
	FLOW IN DIRECTION OF ARROW		
	CONCENTRIC PIPE REDUCTION		
	ECCENTRIC PIPE REDUCTION		
	PUMP		
	FIRE DEPARTMENT CONNECTION		
	PENDANT SPRINKLER HEAD		
	CONCEALED PENDANT SPRINKLER HEAD		
	EXTENDED COVERAGE PENDANT SPRINKLER HEAD		
	CONCEALED EXTENDED COVERAGE PENDANT SPRINKLER HEAD		
	PENDANT SPRINKLER HEAD WITH GUARD		
	UPRIGHT SPRINKLER HEAD		
	EXTENDED COVERAGE UPRIGHT SPRINKLER HEAD		
	UPRIGHT SPRINKLER HEAD WITH GUARD		
	SIDEWALL SPRINKLER HEAD		
	EXTENDED COVERAGE SPRINKLER HEAD		
	CONCEALED EXTENDED COVERAGE SIDEWALL SPRINKLER HEAD		
	EXTINGUISHING AGENT DISCHARGE NOZZLE		
	COMBINATION AUDIBLE AND STROBE ALARM		
	MANUAL PULL STATION		
	ABORT SWITCH		
	IONIZATION SMOKE DETECTOR		
	PHOTOELECTRIC SMOKE DETECTOR		

GENERAL NOTES

THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

COORDINATE THE LOCATION OF ALL SPRINKLER PIPING WITH THE WORK OF OTHER TRADES. SPRINKLER PIPING SHALL NOT BE INSTALLED WHERE ITS LOCATION INHIBITS ACCESS TO EQUIPMENT ABOVE THE CEILING, FILTER ACCESS OR INFRINGES UPON CLEARANCES DICTATED BY THE NATIONAL ELECTRIC CODE.

VERIFY DIMENSIONS AND ROUTING IN FIELD BEFORE FABRICATION OF PIPING AND FIXTURES.

REFER TO THE LIFE SAFETY PLAN FOR LOCATIONS OF FIRE AND SMOKE SEPARATION ASSEMBLIES.

REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACING REQUIREMENTS REGARDING HANGER ATTACHMENTS TO STEEL BAR JOISTS.

THE ENTIRE AREA BEING RENOVATED SHALL BE FULLY SPRINKLERED WITH A HYDRAULICALLY DESIGNED WET PIPE SPRINKLERS SYSTEM FED FROM EXISTING BUILDING FIRE SPRINKLER SYSTEM IN ACCORDANCE W/ 2018 VIRGINIA STATEWIDE BUILDING CODE, 2018 NFPA 13 AND LOCAL AUTHORITY HAVING JURISDICTION REQUIREMENTS. CALCULATIONS SHALL BE BASED OFF OF A CURRENT WATERFLOW TEST PERFORMED WITHIN (1) YEAR OF SUBMISSION OF FIRE PROTECTION SHOP DRAWINGS. PROVIDE COMPLETE FIRE PROTECTION SPRINKLER SYSTEM INSTALLATION DRAWINGS PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF VIRGINIA OR BY A NICET LEVEL III OR IV TECHNICIAN CERTIFIED IN WATER BASED LAYOUT DESIGN. PLANS AND COVER SHEETS OF HYDRAULIC CALCULATIONS SHALL BE LEGIBLY SIGNED, CERTIFIED AND DATED BY THE PREPARER.

SPRINKLER PIPING SHALL NOT TRAVERSE THROUGH ELECTRICAL ROOMS AND SIMILAR SPACES.

ALL SYSTEM DRAINS SHALL BE PIPED TO THE OUTSIDE OF BUILDING TO AN APPROVED LOCATION UNLESS COORDINATED W/ PLUMBING ENGINEER PRIOR TO DISCHARGING INTO JANITORS SINK.

FIRE SPRINKLER SHOP LEVEL DRAWINGS COMPLYING WITH NFPA 13 2016 EDITION SHALL BE SUBMITTED TO ARLINGTON COUNTY FOR REVIEW.

SPRINKLER HEADS

IN SUSPENDED ACOUSTICAL OR GYPSUM CEILINGS, PROVIDE CONCEALED, QUICK RESPONSE, TYPE SPRINKLERS W/ WHITE COVER PLATE.

FOR HORIZONTAL SIDEWALL APPLICATIONS, PROVIDE RECESSED, QUICK RESPONSE GLASS BULB TYPE SPRINKLERS W/ CHROME FINISH AND MATCHING TWO-PIECE ESCUTCHEON.

IN AREAS EXPOSED TO FREEZING TEMPERATURES, PROVIDE QUICK RESPONSE, FUSIBLE LINK TYPE DRY SPRINKLERS.

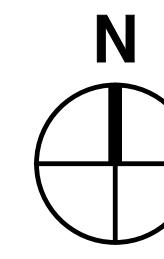
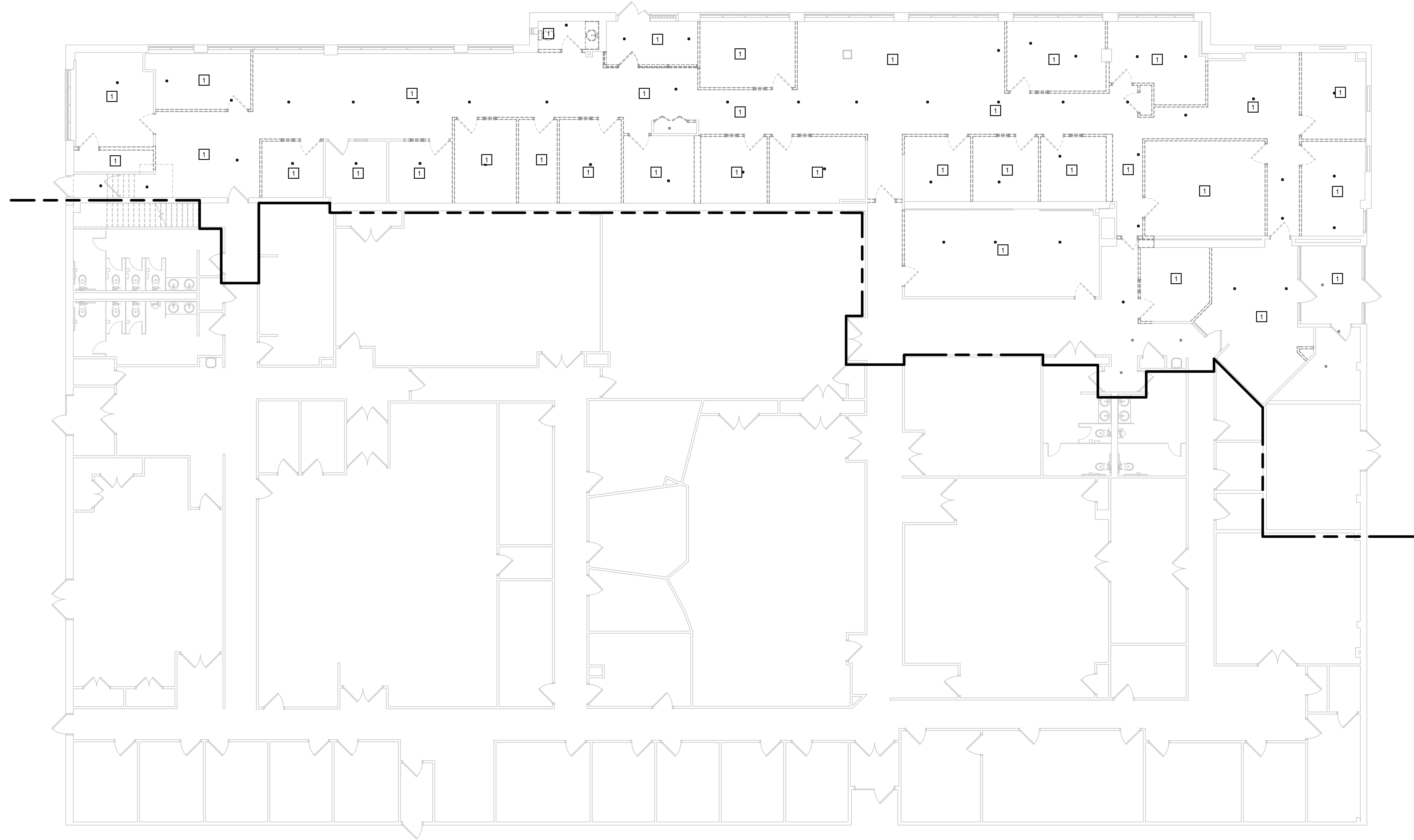
IN ROOMS WITHOUT SUSPENDED CEILINGS, PROVIDE STANDARD UPRIGHT, QUICK RESPONSE TYPE SPRINKLERS W/ BRASS FINISH.

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
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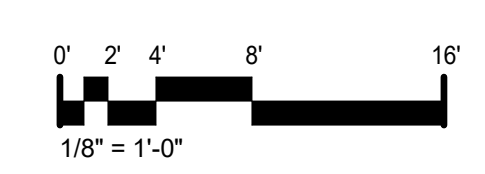
1 2 3 4 5 6 7 8 9 10



FIRST FLOOR PLAN - DEMOLITION - FIRE PROTECTION
1/8" = 1'-0"

FIRE PROTECTION DEMOLITION KEYNOTES
APPLIES TO DRAWINGS FP2.1.1
REPRESENTED BY 

1. REMOVE ALL FIRE SPRINKLERS, PIPING AND ALL EQUIPMENT ASSOCIATED WITH FIRE SPRINKLER SYSTEM IN THIS AREA TO ACCOMMODATE RENOVATIONS IN THIS SPACE.



MOSELEYARCHITECTS
520 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 784-7557 FAX (804) 355-5690
MOSELEYARCHITECTS.COM

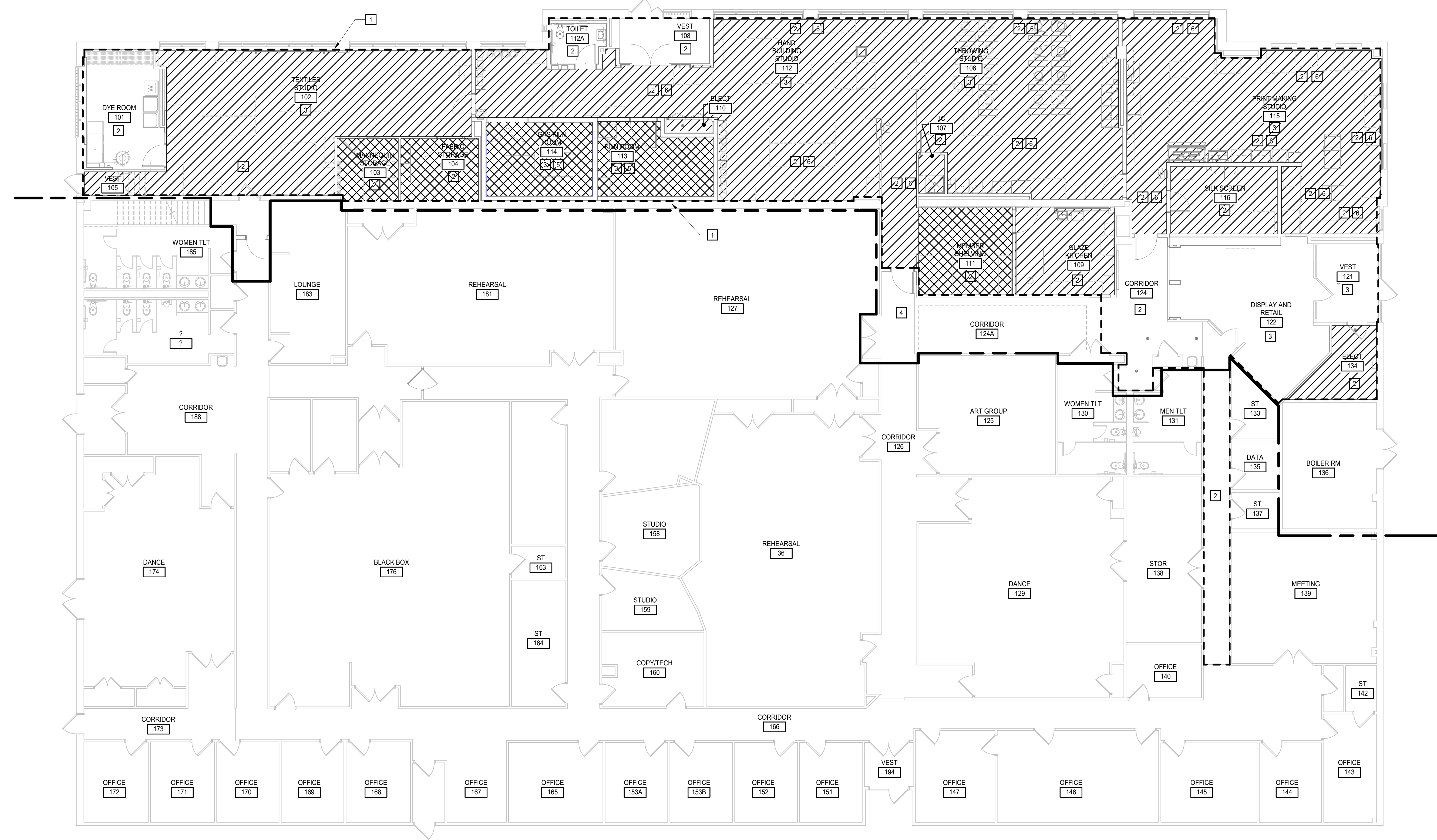
ARLINGTON CULTURAL AFFAIRS RENO
624801
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3700 S. FOUR MILE RUN DRIVE

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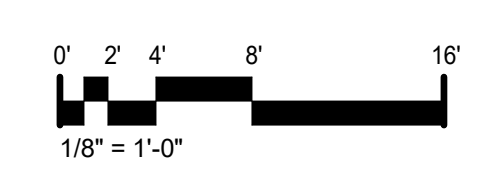
FIRST FLOOR PLAN -
DEMOLITION - FIRE
PROTECTION

FP2.1.1

- FIRE PROTECTION KEYNOTES**
 APPLIES TO DRAWINGS FP2.1.2
 REPRESENTED BY [M]
1. PROVIDE NEW FIRE SPRINKLER HEADS, PIPING AND EQUIPMENT IN THIS AREA TO ACCOMMODATE RENOVATIONS TO THIS SPACE.
 2. PROVIDE PENDENT TYPE FIRE SPRINKLERS IN THIS AREA.
 3. PROVIDE UPRIGHT FIRE SPRINKLERS IN THIS AREA.
 4. TIE INTO EXISTING 4" FIRE SPRINKLER MAIN TO FEED NEW FIRE SPRINKLER PIPING IN RENOVATED AREA AT THIS LOCATION.
 5. PROVIDE HIGH TEMPERATURE FIRE SPRINKLERS IN THIS ROOM.
 6. PROVIDE UPRIGHT SPRINKLERS ABOVE CEILINGS IN THIS AREA PER NFPA 13 REQUIREMENTS FOR AREA WITH "CLOUD CEILINGS".



FIRST FLOOR PLAN - FIRE PROTECTION
 1/8" = 1'-0"



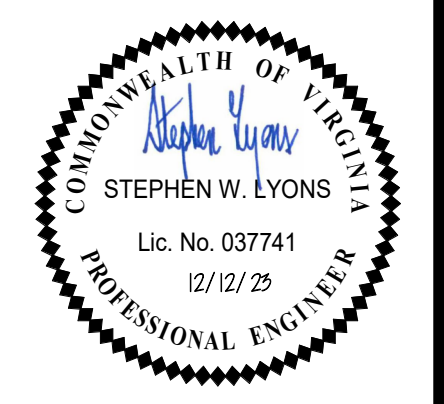
ARLINGTON CULTURAL AFFAIRS RENO

624801
 ARLINGTON COUNTY GOVERNMENT
 3700 S. FOUR MILE RUN DRIVE

PROJECT NO:	624801
DATE:	DECEMBER 12, 2023
REVISIONS	
DATE	DESCRIPTION

FLOOR PLAN - FIRE PROTECTION

FP2.1.2



PROJECT NO:	624801
DATE:	DECEMBER 12, 2023
REVISIONS:	
DATE:	DESCRIPTION
12.15.23	BID SET

FAN SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	SERVING	TYPE	AIRFLOW (CFM)	ESP (IN WC)	FAN WHEEL (RPM)	DRIVE TYPE	SONES	CONTROL METHOD	MOTOR (HP)	ELECTRICAL DATA			NOTES	
												(V)	(PH)	(HZ)		WEIGHT (LBS)
F-01	GREENHECK	CUE-090-VG	PRINT MAKING FUME HOOD	CENTRIFUGAL ROOF UPBLAST	1,270	0.30	1631	DIRECT	8.0	SWITCH ON HOOD	1/10	120	1	60	25	1
F-02	GREENHECK	SP-B80	112A TOILET	CEILING	70	0.25	900	DIRECT	0.8	WALL SWITCH	13 WATTS	120	1	60	10	2
F-03	GREENHECK	G-130-VG	STUDIOS AND JANITOR	ROOF MTD. CENTRIFUGAL	1,280	0.00	1317	DIRECT	10.9	BAS SCHEDULE	1/2	120	1	60	60	1

NOTES:
 1. PROVIDE 18" ROOF CURB, GRAVITY BACKDRAFT DAMPER, AND NON-FUSED, NEMA 3R, MOUNTED AND WIRED DISCONNECT SWITCH.
 2. PROVIDE ROUND DUCT CONNECTOR, 6" TO 4" REDUCER, 18" ROOF CURB, RCC-7 CURB CAP, AND WALL-MOUNTED MOTION DETECTOR SWITCH WITH ADJUSTABLE TIMER. LOCATE SWITCH ADJACENT TO LIGHT SWITCH.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	MOUNTING STYLE	NECK SIZE	FACE SIZE	MAX NC	NOTES
S1	PRICE INDUSTRIES	ASPD	LAY-IN	6	24x24	25	1
S2	PRICE INDUSTRIES	ASPD	LAY-IN	8	24x24	25	1
S3	PRICE INDUSTRIES	ASPD	LAY-IN	10	24x24	25	1
S4	PRICE INDUSTRIES	TBD3100-AFI-TC1	LAY-IN	8	-	25	2
S5	PRICE INDUSTRIES	TBD3100-AFI-TC1-CN	LAY-IN	10	-	25	3
S6	PRICE INDUSTRIES	TBD3100-AFI-TC1-CN	LAY-IN	8	-	25	3
S7	PRICE INDUSTRIES	ASPD	SURFACE	6	12x12	25	1
S8	PRICE INDUSTRIES	RSG-SD-RD	DUCT-MOUNTED	8	-	-	4
S9	PRICE INDUSTRIES	610	SURFACE	22x22	-	25	-
R1	PRICE INDUSTRIES	630	LAY-IN	20x20	24x24	25	-
R2	PRICE INDUSTRIES	630	LAY-IN	12x12	24x24	25	-
E1	PRICE INDUSTRIES	630	LAY-IN	6x6	-	25	-
E2	PRICE INDUSTRIES	SDGER	DUCT-MOUNTED	16x10	-	25	-

NOTES:
 1. PROVIDE RADIAL OPPOSED-BLADE DAMPER IN NECK.
 2. PROVIDE 24" LONG SLOT DIFFUSER AND SLOPED SHOULDER PLENUM WITH FOUR 1" SLOTS. EXTERNAL ALUMINUM FOIL-BACKED INSULATION AND TEE BAR CLIPS ON INLET SIDE.
 3. PROVIDE 48" LONG SLOT DIFFUSER AND SLOPED SHOULDER PLENUM WITH FOUR 1" SLOTS. EXTERNAL ALUMINUM FOIL-BACKED INSULATION, CENTER NOTCH, AND TEE BAR CLIPS ON INLET SIDE.
 4. PROVIDE SINGLE DEFLECTION GRILLE WITH 1" INCH BLADE SPACING AND EXPOSED ROUND DUCT FRAME.

GRAVITY VENT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	SERVING	FUNCTION	AIRFLOW (CFM)	PRESSURE DROP (IN WC)	WEIGHT (LBS)	NOTES
GV-1	GREENHECK	FGI-36x36	GAS KILN	INTAKE	2,100	0.010	210	1,2
GV-2	GREENHECK	FGI-28x28	SPRAY BOOTH	INTAKE	1,750	0.020	158	3

NOTES:
 1. PROVIDE 18" ROOF CURB, 115-VOLT MOTORIZED DAMPER WITH END SWITCH, AND INSECT SCREEN.
 2. INTERLOCK DAMPER OPERATION WITH MASTER SWITCH FOR KILN. WIRE IN SERIES WITH DRAFT INDUCER FAN AND KILN.
 3. PROVIDE 18" ROOF CURB, GRAVITY-OPERATED BACKDRAFT WITH SPRING CLOSURE (WD-410), AND INSECT SCREEN.

EQUIPMENT ABBREVIATION

B	BOILER
CUH	CABINET UNIT HEATER
F	FAN
FCU	FAN COIL UNIT
GV	GRAVITY VENTILATOR
HP	HEAT PUMP
HWC	HOT WATER COIL
HWP	HOT WATER PUMP
RTU	ROOFTOP UNIT
TU	TERMINAL UNIT

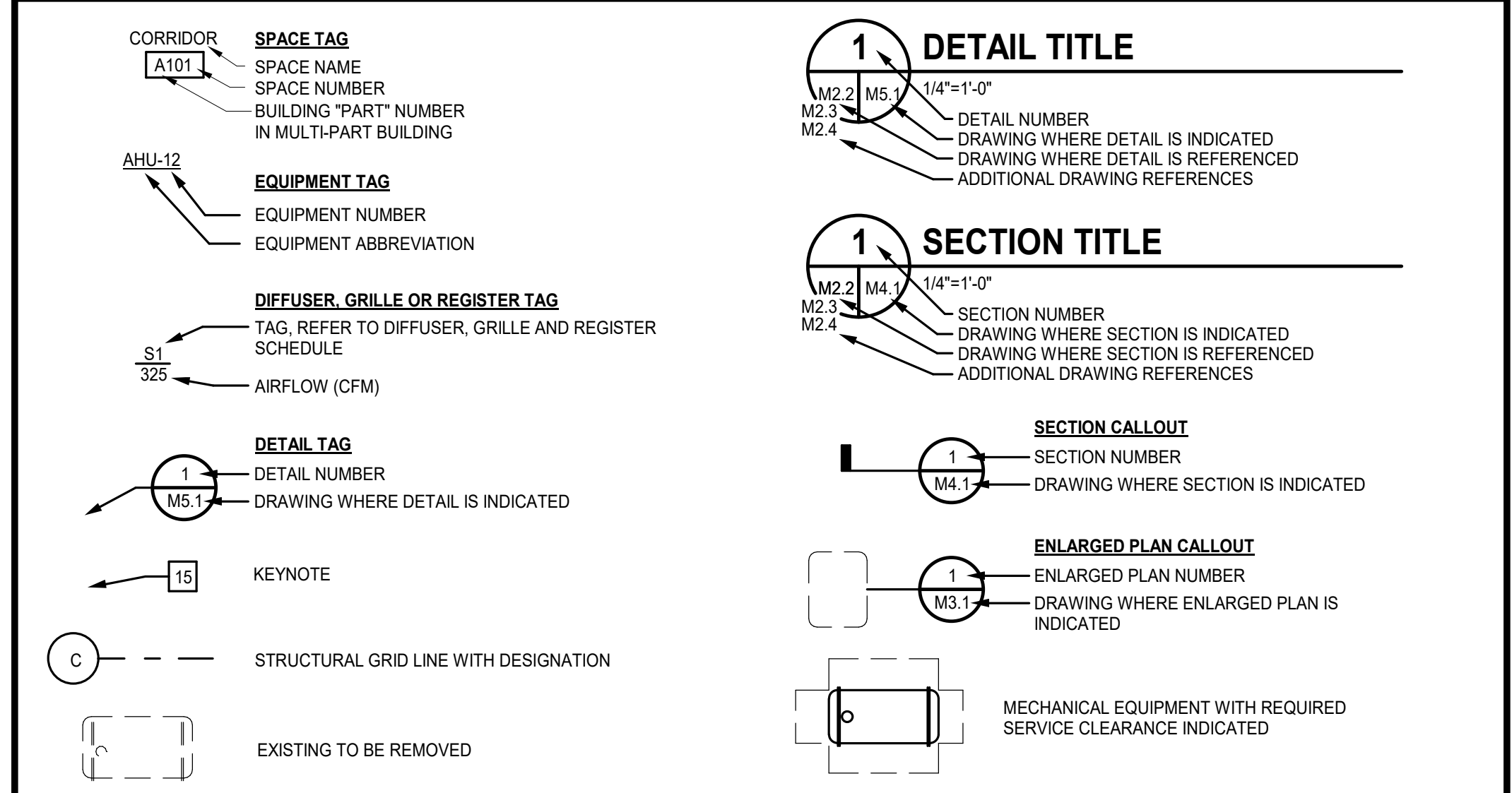
CONTROLS ABBREVIATIONS

AF	AIRFLOW
AI	ANALOG INPUT TO CONTROLLER
ALM	ALARM
AMS	AIRFLOW MEASURING STATION
AO	ANALOG OUTPUT FROM CONTROLLER
ATS	AVERAGING TEMPERATURE SENSOR
BAS	BUILDING AUTOMATION SYSTEM
BO	BINARY OUTPUT FROM CONTROLLER
BI	BINARY INPUT TO CONTROLLER
CO2	CARBON DIOXIDE SENSOR
CSR	CURRENT-SENSING RELAY
DM	DAMPER MOTOR
DP	DIFFERENTIAL PRESSURE
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
FM	FLOW METER
FZ	FREESTAT
HS	HUMIDITY SENSOR
POS	POSITION
REL	RELAY
SD	SMOKE DETECTOR
SPD	SPEED
SS	START/STOP
STS	STATUS
TS	TEMPERATURE SENSOR
VFD	VARIABLE-FREQUENCY DRIVE

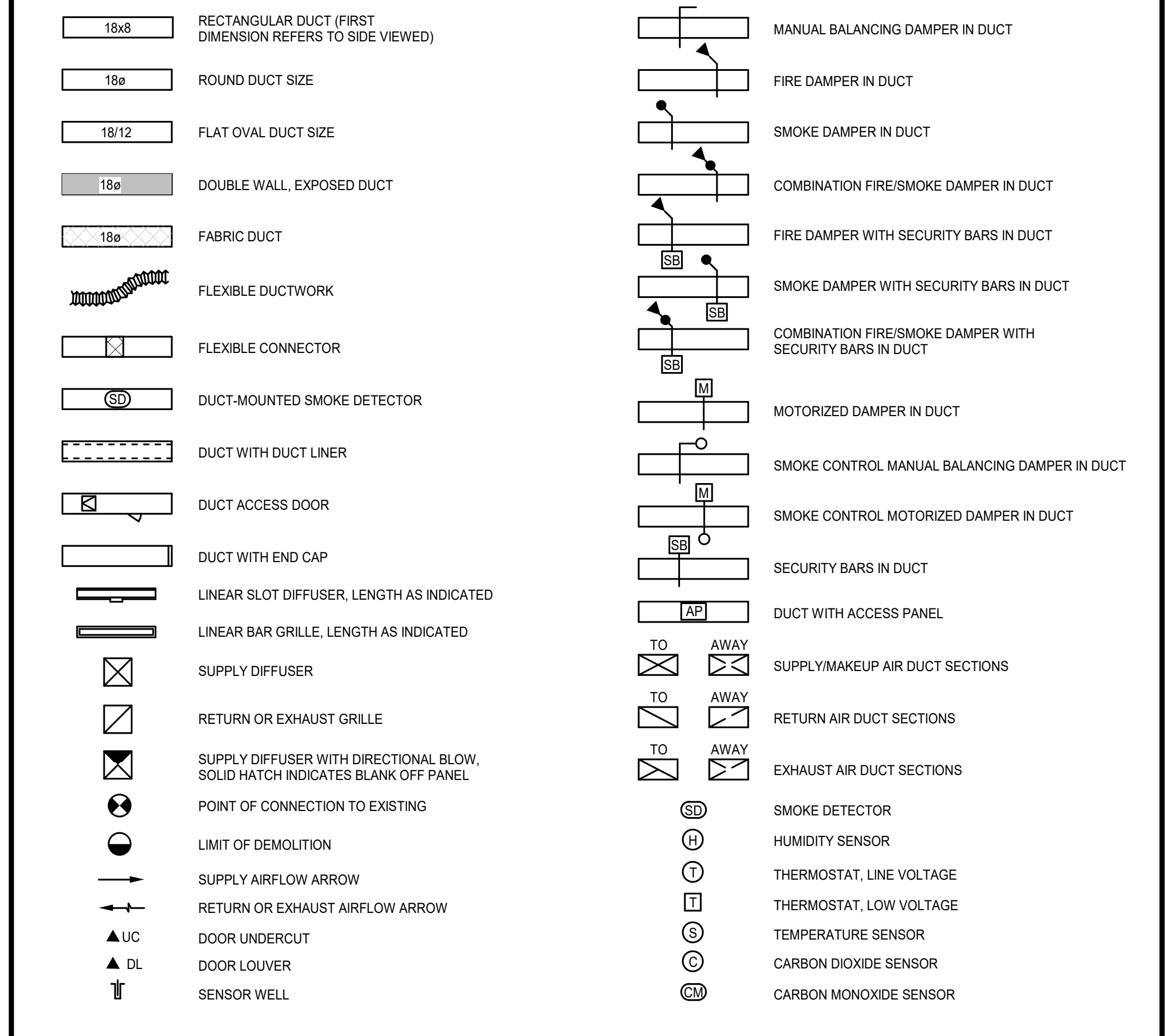
ABBREVIATIONS

A	AMPERES
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APD	AIR PRESSURE DROP
BHP	BRAKE HORSEPOWER
BTUH	BRITISH THERMAL UNITS PER HOUR
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CLG	COOLING
COM	COMMON
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
D	DRAIN
DB	DRY BULB TEMPERATURE
dBa	A-WEIGHTED DECIBELS
DCW	DOMESTIC COLD WATER
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
EWI	ENTERING WATER TEMPERATURE
EXT	EXISTING
F	DEGREES FAHRENHEIT
FCI	FALL CLOSED
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FO	FAIL OPEN
FSM	FEET PER MINUTE
FT	FOOT, FEET
GA	GAUGE
GAL	GALLONS
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HPWR	HEAT PUMP WATER RETURN
HPWS	HEAT PUMP WATER SUPPLY
HTG	HEATING
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
HZ	HERTZ
IN	INCH
KW	KILOWATT(S)
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	ONE THOUSAND BTUH
MCA	MINIMUM CIRCUIT AMPACITY
MFR	MANUFACTURER
MIN	MINIMUM
MOC	MAXIMUM OVERCURRENT PROTECTION
MOD	MOTOR OPERATED DAMPER
NC	NORMALLY CLOSED (FOR PLANS, DETAILS)
NC	NOISE CRITERIA (FOR SCHEDULES)
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OAC	OPENING ABOVE CEILING
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
PH	PHASE
PSIG	POUNDS PER SQUARE INCH GAUGE
RA	RETURN AIR
RD	REFRIGERANT DISCHARGE
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
TD	TRANSFER DUCT
TYP	TYPICAL
UNO	UNLESS NOTED (INDICATED) OTHERWISE
V	VOLTAGE, VOLTS
VFD	VARIABLE-FREQUENCY DRIVE
W	WATT(S)
W	WITH
W/O	WITHOUT
WB	WET BULB TEMPERATURE
WC	WATER COLUMN
WPD	WATER PRESSURE DROP
WWM	WELDED WIRE MESH

GRAPHIC SYMBOL LEGEND



DUCTWORK LEGEND



TESTING, ADJUSTING AND BALANCING

PRE-PROJECT TESTING, ADJUSTING AND BALANCING (TAB) SCOPE:
 PRIOR TO COMMENCING THE WORK, MEASURE THE TOTAL SUPPLY AIRFLOW, TOTAL RETURN AIRFLOW, AND OUTDOOR AIRFLOW FOR EXISTING ROOFTOP UNIT, RTU-2. MEASURE SUPPLY AND RETURN AIRFLOWS IN DUCT MAINS PRIOR TO ANY TAKEOFFS.
 RECORD THE RESULTS AND SUBMIT A REPORT OF THE FINDINGS TO THE ARCHITECT FOR REVIEW.
 RTU-2 ASSUMPTIONS FOR DESIGN:
 SUPPLY AIRFLOW: 5,415 CFM
 OUTDOOR AIRFLOW: 1,400 CFM

HVAC CONTROLS SCOPE

- BUILDING AUTOMATION SYSTEM (BAS) SCOPE:**
- HVAC CONTROLS SHALL BE SOLE-SCHEDULED TRANE CONTROLS PROVIDED BY BOLDAN.
 - CONTROL OPERATION OF EXHAUST FAN, F-03, BASED ON A TIME-OF-DAY SCHEDULE PROVIDED BY THE OWNER.
 - DURING UNOCCUPIED HOURS, THE FAN SHALL BE OFF.
 - DURING OCCUPIED HOURS, THE FAN SHALL BE ON.
 - FAN FAILURE ALARM
 - IF THE FAN FAILS TO START (AS SENSED BY A CURRENT-SENSING RELAY), AN ALARM SHALL BE SENT TO THE BUILDING CONTROLLER IDENTIFYING THE FAN AND INDICATING A FAILURE TO START.
 - REMOVE AND REINSTALL SIX EXISTING ZONE SENSORS, TWO EXISTING REHEAT COIL ZONE SENSORS, AND ONE EXISTING RTU-2 ZONE SENSOR AS INDICATED ON THE DEMOLITION FLOOR PLAN. COIL WIRING AND SECURELY STOW SENSORS DURING DEMOLITION AND CONSTRUCTION. INSTALL WHERE INDICATED ON DRAWING M2.1 FIRST FLOOR PLAN.
 - PROVIDE UPDATED BAS GRAPHICS AT THE BAS HEAD END REFLECTING THE UPDATED ARRANGEMENT OF EQUIPMENT INCLUDING THE ADDED FANS AND THE VAV TERMINAL UNITS NO LONGER USED.

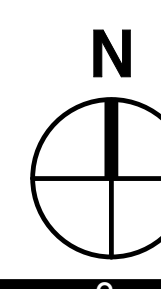
GENERAL NOTES

- THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY OR THE GREATER QUANTITY OF WORK.
- DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. DO NOT SCALE DRAWINGS. LOCATIONS OF ALL ITEMS INDICATED ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURERS REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE, CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION, AND CONTRACTOR'S FABRICATED ITEMS TO ENSURE A PROPER FIT AND INSTALLATION.
- MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS, WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECTS PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 7'-0" CLEARANCE ABOVE FINISHED FLOOR TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.
- FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
- INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
- COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.
- PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIRSTREAM. PROVIDE TRAP AT CONNECTION WITH WATER SEAL DEPTH ONE INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY THE ARCHITECT.
- INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED.
- ALL EQUIPMENT, VALVES, DAMPERS, DAMPER AND VALVE OPERATORS SHALL BE PROVIDED WITH ADEQUATE ACCESS FOR SERVICING, MAINTENANCE, AND REPLACEMENT.
- SIZE ALL SPLIT-SYSTEM REFRIGERANT PIPING IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- DUCT DIMENSIONS MAY BE MODIFIED ONLY WITH PRIOR APPROVAL FROM ARCHITECT. DUCT DIMENSIONS ARE IN INCHES AND INSIDE CLEAR.
- FOR LOCATION OF REGISTERS, GRILLES, AND DIFFUSERS WITHIN CEILING GRID, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
- ELEVATION INDICATED FOR RECTANGULAR DUCT, GRILLE AND LOUVER OPENINGS IS TO THE TOP OF ROUGH OPENING UNLESS OTHERWISE INDICATED. ELEVATION INDICATED FOR ROUND DUCTWORK AND PIPING IS TO CENTERLINE.
- BRANCH PIPING RUNOUTS TO TERMINAL UNITS SHALL BE 3/4" DIAMETER UNLESS INDICATED OTHERWISE.
- REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACING REQUIREMENTS REGARDING HANGER ATTACHMENTS.

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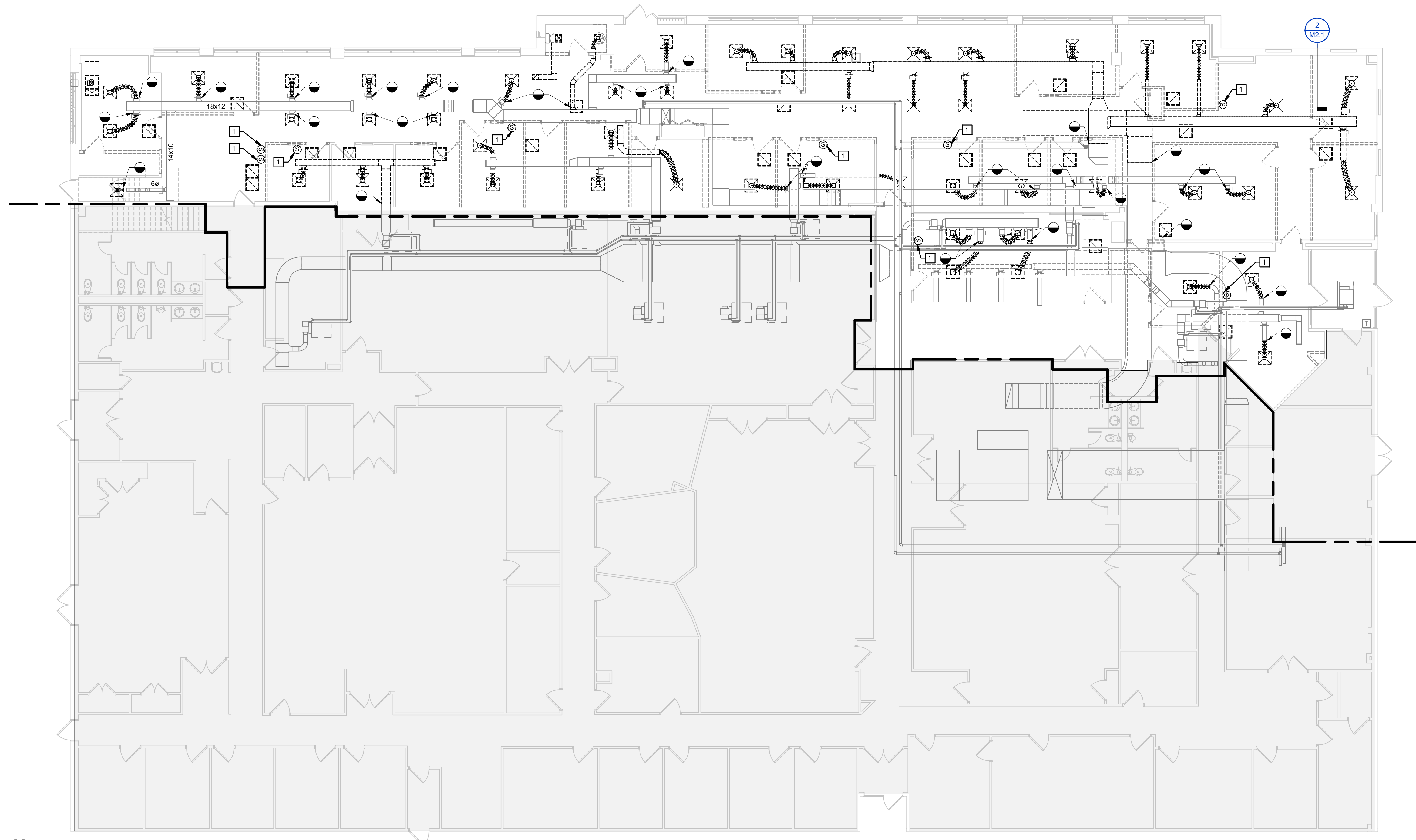
A B C D E F G H J

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FIRST FLOOR PLAN - DEMOLITION

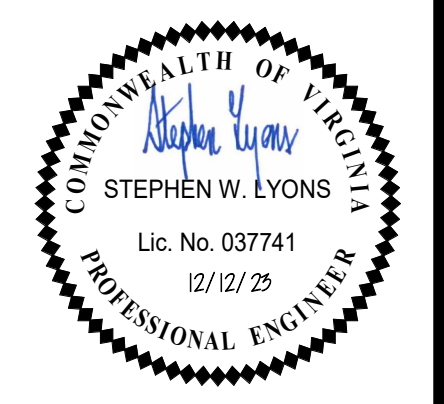
1/8" = 1'-0"



KEYNOTES

APPLIES TO THIS DRAWING

- 1 REMOVE AND RETAIN EXISTING SENSOR. COIL WIRING DURING DEMOLITION AND RELOCATE PER FLOOR PLAN ON DRAWING M2.1.



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ARLINGTON COUNTY GOVERNMENT
3700 S. FOUR MILE RUN DRIVE

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FIRST FLOOR PLAN -
DEMOLITION

M1.1

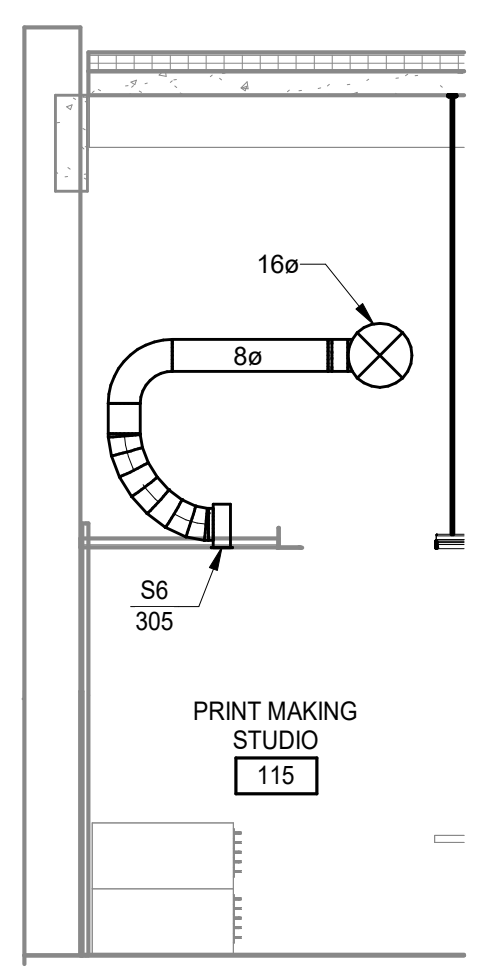
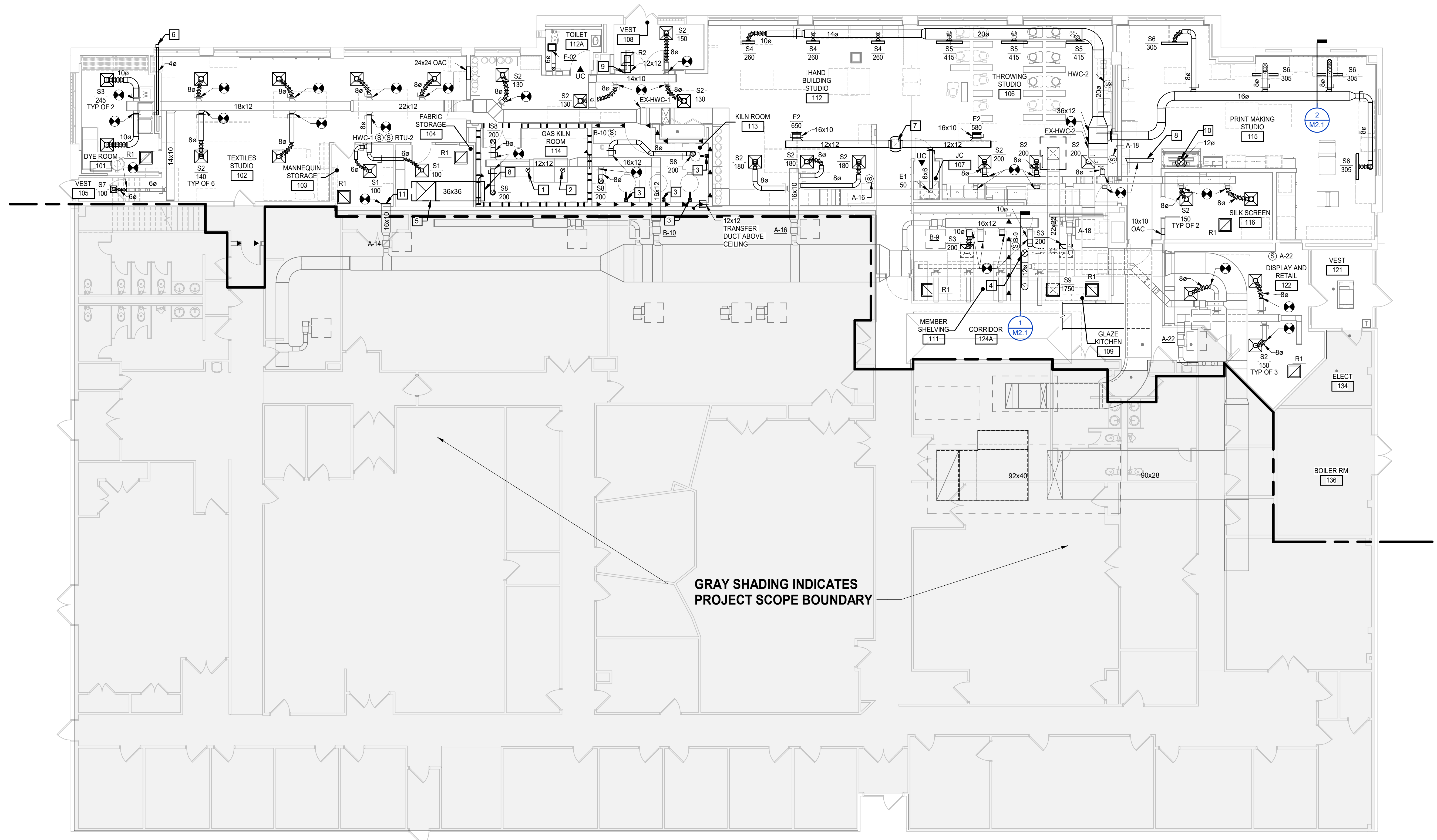


LIFE SAFETY SYMBOL LEGEND				
APPLIES TO LS SERIES OF DRAWINGS ONLY				
DESIGNATOR MATRIX				
	WALL	BARRIER	PARTITION	RATED BEARING OR NON-BEARING WALL
1 HR FIRE	■	▬▬▬▬	▬▬▬▬	▬▬▬▬
2 HR FIRE	■	▬▬▬▬	▬▬▬▬	▬▬▬▬

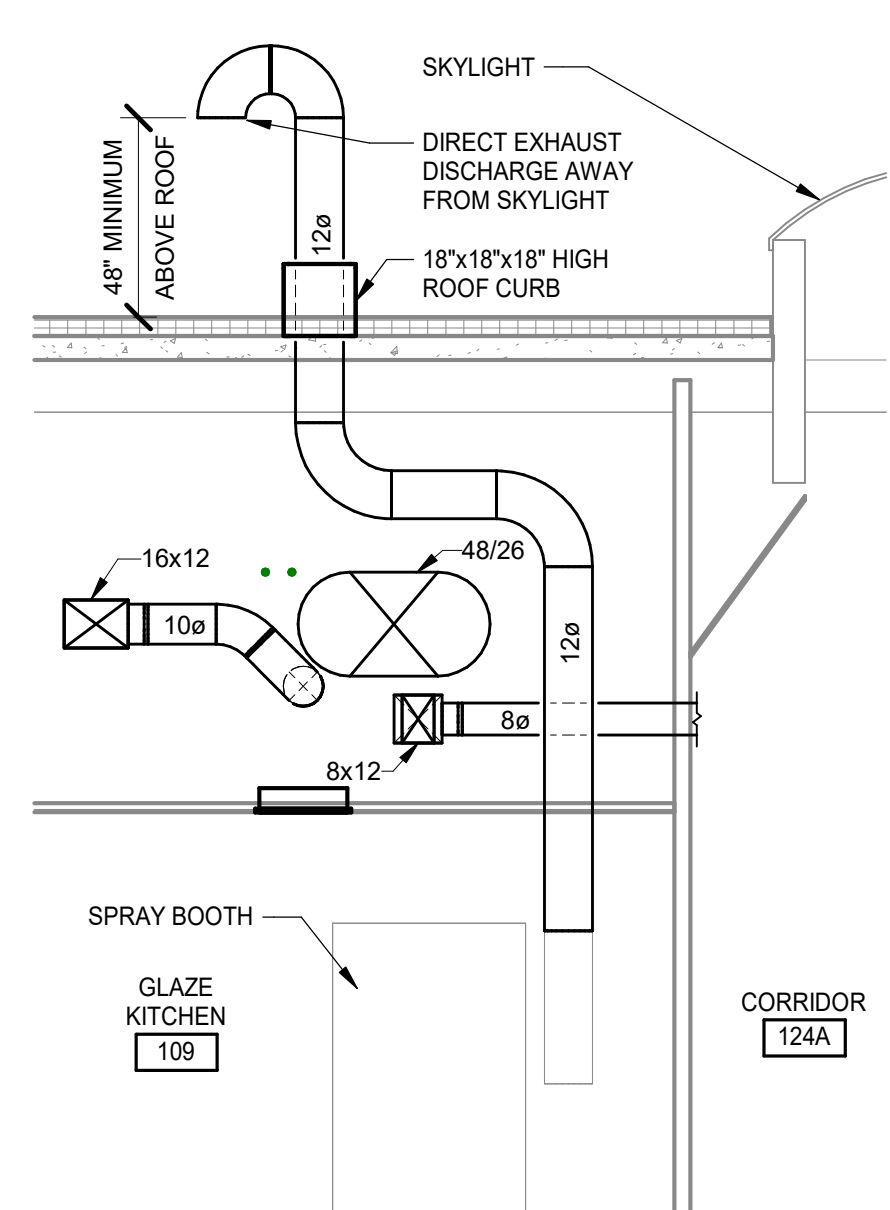
NOTES:
 1. WALL DESIGNATIONS ON THE LS SERIES OF DRAWINGS ARE FOR GRAPHICAL PURPOSES ONLY AND MAY NOT REPRESENT THE ACTUAL WALL/PARTITION CONSTRUCTION.
 2. REFER TO THE CONTRACT DOCUMENTS, INCLUDING THE LIFE SAFETY SYMBOLS LEGEND AND A0, A1 AND A2 SERIES OF DRAWINGS, FOR ACTUAL WALL/PARTITION TYPES AND CONSTRUCTION REQUIREMENTS.
 3. RATING OF BEARING OR NON-BEARING WALLS ARE PER TABLE 601 AND TABLE 602.1 AND DO NOT REQUIRE PROTECTED OPENINGS.

FIRE-RATED ASSEMBLIES
1. REFER TO DRAWING LS.1 FOR COMPLETE LIFE SAFETY SYMBOL LEGEND FOR FIRE-RATED ASSEMBLIES.
2. REFER TO FIRE RATED ASSEMBLIES SCHEDULE ON DRAWING LS.1 FOR UL DESIGN NUMBER OF RATED PARTITIONS - UL U419 UNLESS NOTED OTHERWISE.

- | KEYNOTES |
|--|
| APPLIES TO THIS DRAWING |
| 1 8a B-VENT EXHAUST FROM RESIDUAL HOOD ON KILN. EXHAUST FAN FURNISHED BY KILN MANUFACTURER. PROVIDE VENT FROM HOOD OUTLET TO FAN AND FROM FAN OUTLET TO GOOSENECK ON ROOF. TERMINATE OUTLET 4 FEET ABOVE ROOF SURFACE. |
| 2 8a STAINLESS STEEL EXHAUST VENTING FOR COMBUSTION HOOD FURNISHED WITH KILN AND INSTALLED BY CONTRACTOR. ROUTE VERTICALLY TO ROOF. TERMINATE WITH KILN MANUFACTURER-SUPPLIED CAP 4 FEET ABOVE ROOF SURFACE. |
| 3 4e KILN EXHAUST VENT UP FROM FAN TO GOOSENECK ON ROOF. TERMINATE OUTLET 4 FEET ABOVE ROOF SURFACE. |
| 4 12e EXHAUST DUCT FROM SPRAY BOOTH EXHAUST FAN. FAN PROVIDED BY SPRAY BOOTH MANUFACTURER. ROUTE DUCT FROM FAN OUTLET TO GOOSENECK ON ROOF. TERMINATE OUTLET 4 FEET ABOVE ROOF SURFACE. |
| 5 36x36 COMBUSTION AIR DUCT DOWN FROM GV-1 ON ROOF. WIRE MOTORIZED DAMPER AT GV-1 AND INTERLOCK WITH KILN OPERATION. |
| 6 4" METAL WALL CAP. CENTER AT 11"-5" AFF. |
| 7 16x16 EXHAUST DUCT UP TO F-03 ON ROOF. |
| 8 PROVIDE WELDED WIRE MESH ACROSS DUCT OPENING. |
| 9 ROUTE 12x12 TRANSFER DUCT THROUGH WALL AND COVER OPENING WITH WELDED WIRE MESH. |
| 10 12" EXHAUST DUCT UP TO FAN ON ROOF. |
| 11 PROVIDE DUCT END CAP AND SEAL AIRTIGHT. |



2 SECTION
 M1.1 | M2.1
 1/4" = 1'-0"



1 SECTION - SPRAY BOOTH EXHAUST
 M2.1 | M2.1
 1/4" = 1'-0"

FIRST FLOOR PLAN - DUCTWORK
 1/8" = 1'-0"

GRAY SHADING INDICATES PROJECT SCOPE BOUNDARY

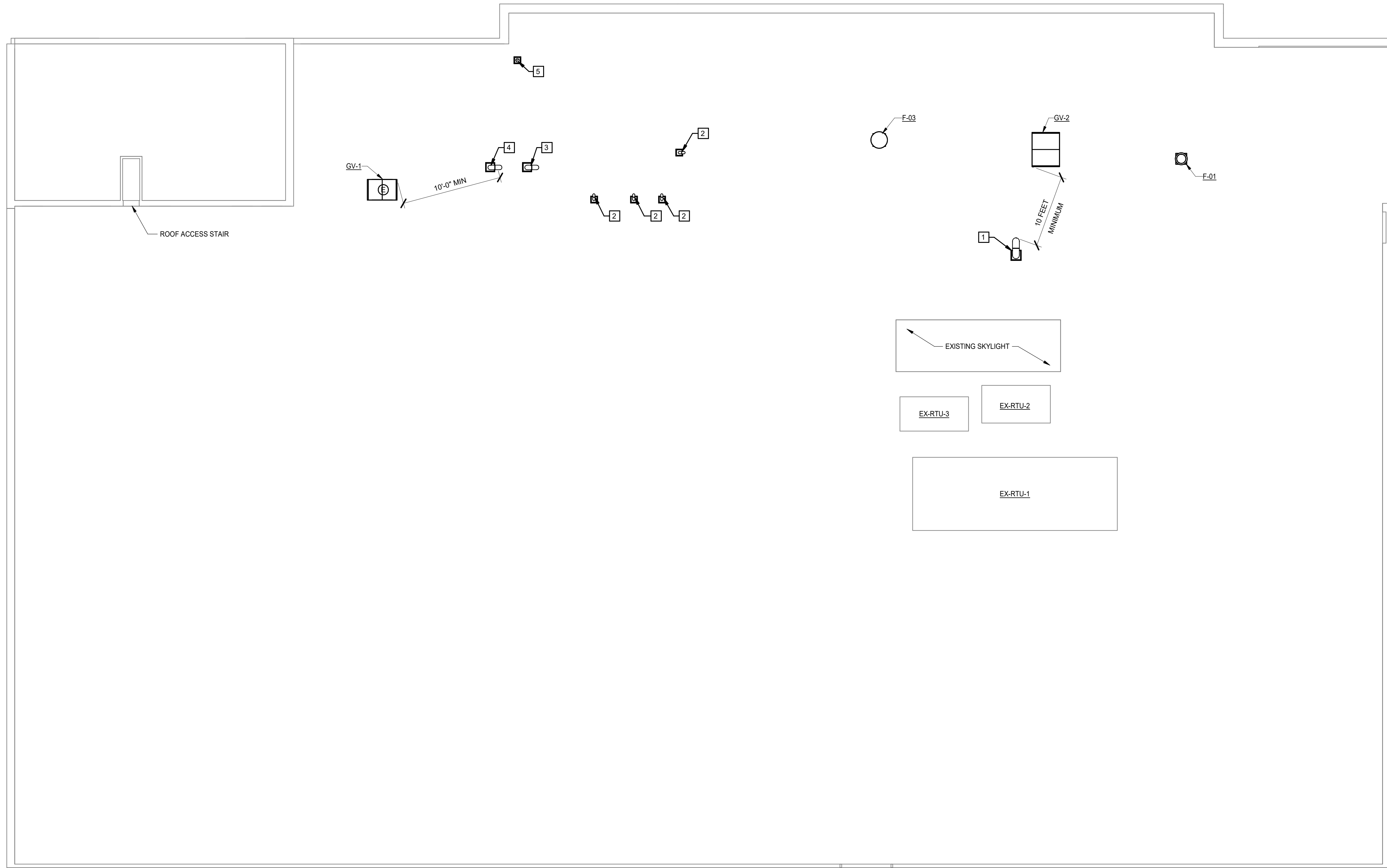
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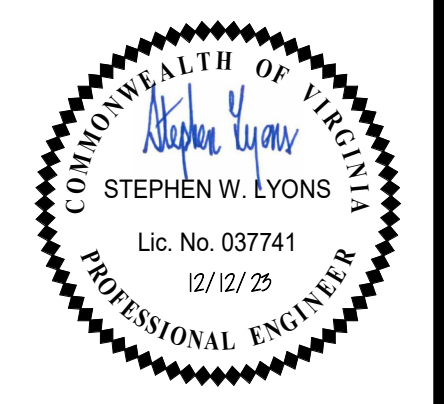
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ROOF PLAN
1/8" = 1'-0"

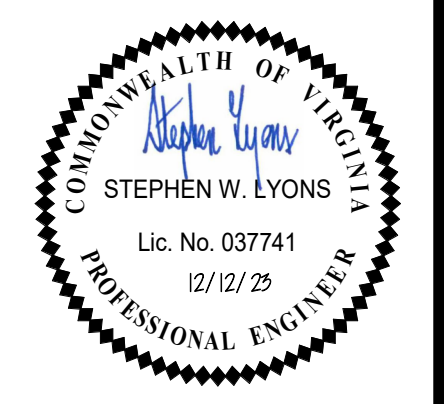
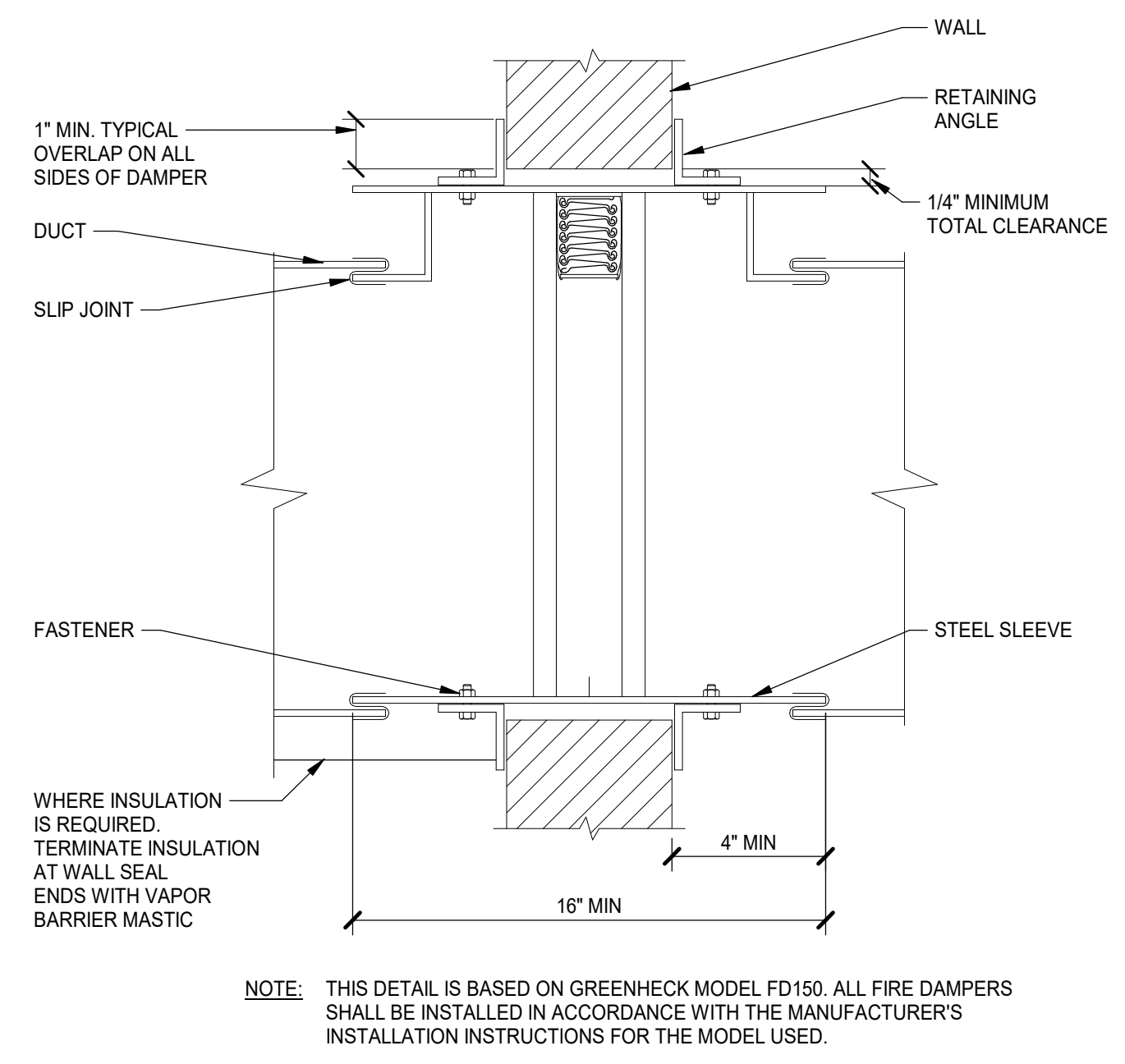
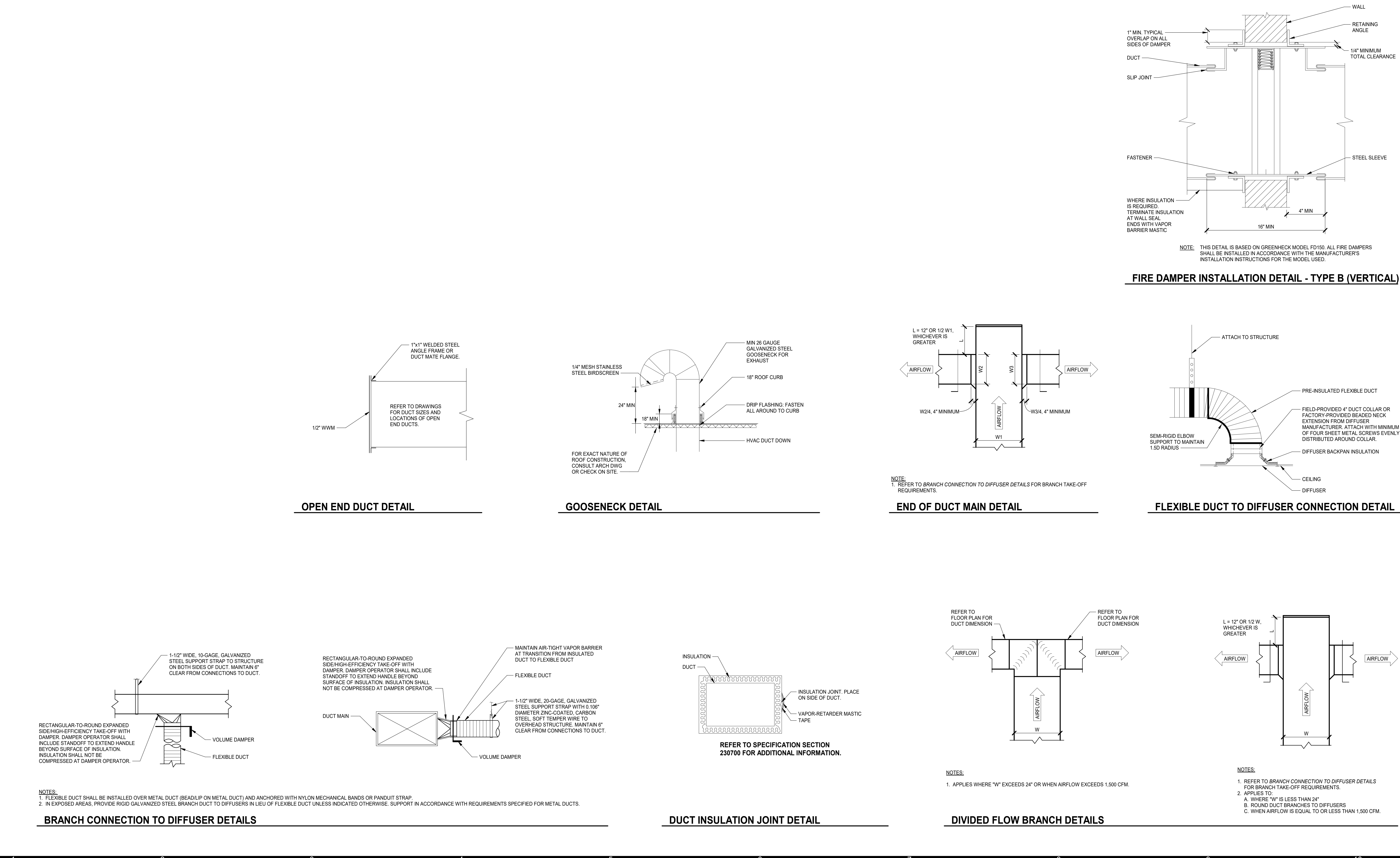


KEYNOTES	
APPLIES TO THIS DRAWING	
1	12" EXHAUST GOOSENECK FROM SPRAY BOOTH. DIRECT OUTLET AWAY FROM SKYLIGHT. REFER TO SECTION 1/DWG M2.1.
2	4" EXHAUST GOOSENECK FROM ELECTRIC KILN THROUGH 12"x12"x14" HIGH ROOF CURB.
3	8" EXHAUST FROM GAS KILN COMBUSTION HOOD THROUGH 16"x16"x14" HIGH ROOF CURB.
4	8" EXHAUST FROM GAS KILN RESIDUAL HOOD THROUGH 16"x16"x14" HIGH ROOF CURB.
5	6" EXHAUST CURB CAP ON 12"x12"x14" HIGH ROOF CURB.



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ROOF PLAN



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FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE, MOUNT AT 8'-0" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
	FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, 8'-0" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
	FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
	FIRE ALARM MANUAL PULL STATION, MOUNT AT +3'-10" AFF.
	FIRE ALARM KEY OPERATED MANUAL PULL STATION, MOUNT AT +3'-10" AFF.
	FIRE ALARM DUCT SMOKE DETECTOR. FURNISH AND CONNECT UNDER DIVISION 28. INSTALL UNDER DIVISION 23. VERIFY LOCATION WITH DIVISION 23 PRIOR TO ROUGH-IN. PROVIDE ACCESSIBLE KEY OPERATED REMOTE TEST SWITCH FOR EACH DETECTOR.
	SMOKE DETECTOR, CEILING MOUNT. SUBSCRIPT 'G' WHEN PRESENT INDICATES PROVIDE DEVICE GUARD.
	HEAT DETECTOR, CEILING MOUNT. SUBSCRIPT 'G' WHEN PRESENT INDICATES PROVIDE DEVICE GUARD.
	FIRE ALARM TAMPER SWITCH, PROVIDE UNDER DIVISION 23, MONITOR UNDER DIVISION 28.
	FIRE ALARM FLOW SWITCH, PROVIDE UNDER DIVISION 23, MONITOR UNDER DIVISION 28.
	POST INDICATOR VALVE SWITCH, PROVIDE UNDER DIVISION 23, MONITOR UNDER DIVISION 28.
	FIRE ALARM PRESSURE SWITCH, PROVIDE UNDER DIVISION 23, MONITOR UNDER DIVISION 28.
	FIRE ALARM REMOTE INDICATOR, CEILING MOUNT.
	FIRE ALARM MONITOR MODULE. NOT ALL MONITOR MODULES ARE INDICATED ON DRAWINGS. PROVIDE QUANTITY AND IN LOCATIONS REQUIRED TO ACCOMPLISH SPECIFIED MONITORING FUNCTIONS.
	FIRE ALARM CONTROL MODULE. NOT ALL CONTROL MODULES ARE INDICATED ON DRAWINGS. PROVIDE QUANTITY AND IN LOCATIONS REQUIRED TO ACCOMPLISH SPECIFIED CONTROL FUNCTIONS.
	FIRE ALARM SPRINKLER BELL, MOUNT AT +1'-0" AFF.
	FIRE ALARM MAGNETIC DOOR HOLDER, WALL MOUNT DEVICE AT 6" BELOW TOP OF DOOR. PROVIDE HINGED MAGNETIC CATCH PLATE ON DOOR TO MATE WITH DEVICE. COORDINATE LOCATION AND LENGTH WITH DIVISION 08. PROVIDE CONCEALED 120-VOLT POWER CONNECTION AND FIRE ALARM CONTROL MODULE IF REQUIRED FOR PROPER OPERATION.
	FIRE ALARM DOOR HOLDER/CLOSER HARDWARE UNDER DIVISION 08, MONITOR AND CONTROL INTERFACE WITH FIRE ALARM UNDER DIVISION 28.
	FIRE ALARM/POWER CONNECTION TO DIVISION 23 SMOKE OR FIRE/SMOKE DAMPER. COORDINATE WITH DIVISION 23. REFER TO TYPICAL FIRE/SMOKE DAMPER DIAGRAM.

FIRE ALARM SYSTEM NOTE:
FIRE ALARM SHOP DRAWING SHALL COMPLY WITH NFPA 72-16 ED AND SHALL BE SUBMITTED TO ARLINGTON COUNTY FOR REVIEW.

POWER LEGEND	
SYMBOL	DESCRIPTION
	APPLIANCE RECEPTACLE, MOUNT AT +1'-6" AFF. PROVIDE NEMA CONFIGURATION TO MATCH PLUG FOR EQUIPMENT SERVED.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6" AFF.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10" AFF.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +7'-6" AFF.
	DUPLEX RECEPTACLE, NEMA 5-20R, RECESS FLOOR MOUNT.
	GFCl DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6" AFF. PROVIDE NEMA 3R "WHILE IN USE" ENCLOSURE.
	GFCl DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10" AFF.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6" AFF.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10" AFF.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, RECESS FLOOR MOUNT.
	POWER/COMMUNICATIONS RECESSED FLOOR BOX. SUBSCRIPT NUMBER INDICATES OUTLET TYPE. REFER TO DETAIL ON E4 SERIES DRAWINGS.
	LINE VOLTAGE THERMOSTAT, DIVISION 23 FURNISH, DIVISION 26 INSTALL. REFER TO DIVISION 23 DRAWINGS FOR LOCATIONS AND QUANTITY.
	PUSHBUTTON CONTROLLER.
	PUSHBUTTON.
	CORD REEL OUTLET, CEILING MOUNT.
	[NON-] METALLIC SURFACE RACEWAY, DEVICES AS INDICATED, MOUNT AT +1'-6" AFF, UNO.
	JUNCTION BOX, CONCEALED ABOVE CEILING, UNO.
	JUNCTION BOX, UNDER FLOOR MOUNT.
	ENCLOSED CIRCUIT BREAKER, CHARACTERISTICS AS INDICATED.
	MUSHROOM SWITCH, HEAVY DUTY WITH LEGEND PLATE, MOUNT WHHANDLE AT +3'-10" AFF, UNO.
	MANUAL MOTOR STARTER, OVERLOAD PROTECTION AS REQUIRED PER NAME PLATE RATINGS, WITH 'ON' INDICATOR PILOT LIGHT, FLUSH MOUNT WHHANDLE AT +3'-10" AFF, UNO.
	DISCONNECT SWITCH, FUSIBLE OR NON-FUSIBLE AS INDICATED. MOUNT WHHANDLE AT +4'-6" AFF, UNO.
	MAGNETIC MOTOR STARTER, WITH OVERLOAD RELAYS AS REQUIRED TO SERVE MANUFACTURER REQUIREMENTS OF EQUIPMENT SERVED. PROVIDE WITH HAND-OFF-AUTOMATIC SELECTOR SWITCH AND INDICATOR LIGHTS. MOUNT WHHANDLE AT +4'-6" AFF, UNO.
	COMBINATION MAGNETIC STARTER AND DISCONNECT SWITCH, WITH OVERLOAD ELEMENTS AND FUSING AS REQUIRED TO SERVE MANUFACTURER REQUIREMENTS OF EQUIPMENT SERVED. PROVIDE WITH HAND-OFF-AUTOMATIC SELECTOR SWITCH AND INDICATOR LIGHTS. MOUNT WHHANDLE AT +4'-6" AFF, UNO.
	EQUIPMENT POWER CONNECTION.
	MOTOR CONNECTION.
	CONNECTION TO DIV 23 MOTORIZED DAMPER, VERIFY LOCATION.
	POWER FOR ELECTRIC DOOR LOCK CONNECTION.
	POWER FOR ELECTRIC DOOR STRIKE CONNECTION.
	BRANCH CIRCUIT RUN CONCEALED, UNO. DASHED INDICATES CIRCUITRY REQUIRED TO BE RUN BELOW SLAB.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD AND CIRCUIT INDICATED.
	PANELBOARD.
	TRANSFORMER, PROVIDE CONCRETE HOUSEKEEPING PAD UNLESS NOTED OTHERWISE.
	RELAY, NO OR NC AS INDICATED.
	RELAY, NORMALLY OPEN.
	RELAY, NORMALLY CLOSED.
	FEEDER TAG. REFER TO FEEDER SCHEDULE ON DWG E5.1.

COMMUNICATIONS LEGEND	
SYMBOL	DESCRIPTION
	TELECOMMUNICATIONS OUTLET, SUBSCRIPT NUMBER INDICATES OUTLET TYPE. MOUNT AT +3'-10" AFF.
	TELECOMMUNICATIONS OUTLET, SUBSCRIPT NUMBER INDICATES OUTLET TYPE. MOUNT AT +1'-6" AFF.
	[MISC COMMUNICATIONS OUTLET], MOUNT AT +1'-6" AFF.
	CATV OUTLET, MOUNT AT +1'-6" [7'-6" AFF.
	POWER/COMMUNICATIONS RECESSED FLOOR BOX. SUBSCRIPT LETTER INDICATES OUTLET TYPE. REFER TO TYPICAL COMMUNICATION OUTLET DETAIL FOR BOX AND CONDUIT REQUIREMENTS.
	WIRELESS ACCESS POINT.
	TELECOMMUNICATIONS EQUIPMENT RACK.
	2" EMT CONDUIT SLEEVE WITH NYLON BUSHING EACH END UNO, THRU WALL AT +6" ABOVE FINISHED CEILING.

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	LIGHT SWITCH, RATED 120/277 VOLTS, 20-AMPS, MOUNT AT +3'-10" AFF. SUBSCRIPT/SUPERSUBSCRIPT LETTERS, NUMBERS, AND SYMBOLS INDICATES SWITCH TYPE AS FOLLOWS.
	INDICATES 3-WAY LIGHT SWITCH.
	INDICATES 4-WAY LIGHT SWITCH.
	INDICATES DIMMER SWITCH.
	INDICATES PILOT LIGHT, ON WHEN SWITCH IS ON.
	INDICATES KEY OPERATED LIGHT SWITCH.
	INDICATES SWITCH WITH INTEGRAL OCCUPANCY SENSOR.
	INDICATES DIMMER SWITCH WITH INTEGRAL OCCUPANCY SENSOR.
	INDICATES DUAL RELAY INTEGRAL OCCUPANCY SENSOR, WIRED FOR MULTI-LEVEL SWITCHING.
	LOWER CASE LETTER INDICATES LIGHT FIXTURE CONTROL DESIGNATION.
	INDICATES SWITCHES WIRED FOR INBOARD/OUTBOARD SWITCHING.
	OMNI-DIRECTIONAL LIGHTING CONTROL OCCUPANCY DETECTOR, CEILING MOUNT.
	DIRECTIONAL LIGHTING CONTROL OCCUPANCY DETECTOR, WALL MOUNT AT 6" BELOW FINISHED CEILING.
	PHOTOELECTRIC CELL FOR LIGHTING CONTROL, WALL MOUNT AT +10'-0" AFF. AIM NORTH.
	LIGHT FIXTURE, CEILING MOUNT.
	LIGHT FIXTURE WITH BATTERY PACK, CEILING MOUNT.
	LIGHTING FIXTURE.
	LIGHTING FIXTURE WITH BATTERY PACK.
	WALL WASHER LIGHTING FIXTURE.
	LIGHT FIXTURE, WALL MOUNT, HEIGHT AS INDICATED.
	EMERGENCY EGRESS LIGHTING FIXTURE, WITH BATTERY PACK, WALL MOUNT AT +6'-0" AFF.
	EXIT SIGN, CEILING MOUNT, DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES FACE(S) OF SIGN.
	EXIT SIGN, WALL MOUNT, DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES FACE(S) OF SIGN.
	TRACK LIGHTS.
	LIGHT FIXTURE, POLE MOUNT.
	SPORTS LIGHTING POLE.

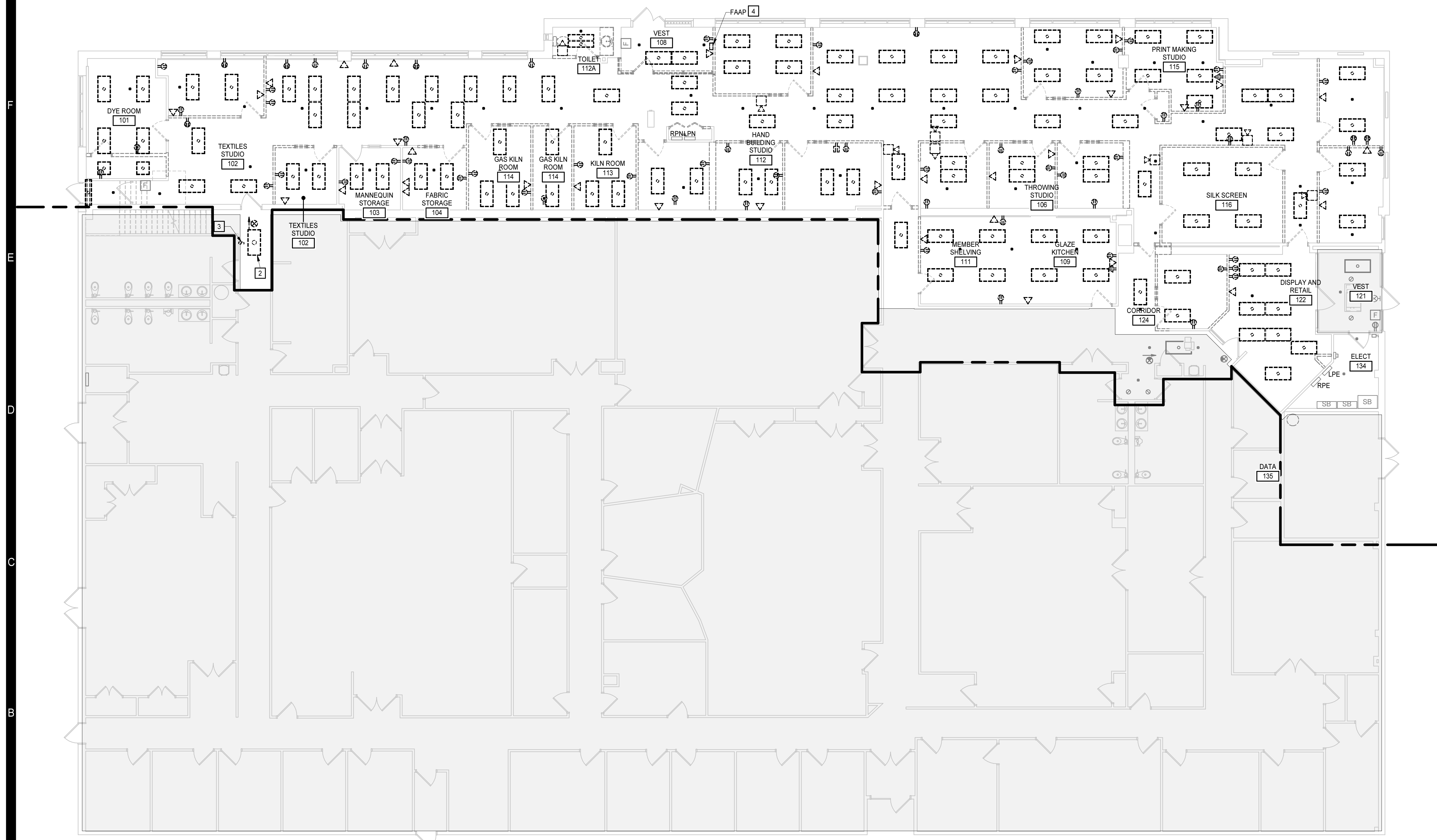
DEMOLITION LEGEND	
SYMBOL	DESCRIPTION
	REMOVE DEVICES, EQUIPMENT, IN ACCORDANCE WITH THE GENERAL DEMOLITION NOTES.
	DEVICES ARE EXISTING TO REMAIN.
	WITHIN HATCHED AREAS, DISCONNECT AND REMOVE ALL ELECTRICAL MATERIALS INCLUDING BUT NOT LIMITED TO LIGHTS, DEVICES, EQUIPMENT, SPEAKERS, FIRE ALARM, COMMUNICATIONS, AND CIRCUITRY.

GENERAL DEMOLITION NOTES	
A	PROVIDE ALL ELECTRICAL DEMOLITION WORK REQUIRED TO INSTALL THE WORK INDICATED. REMOVE, REROUTE, AND RECONNECT ALL BRANCH CIRCUITS THAT WILL REMAIN IN USE BUT INTERFERES WITH THE WORK.
B	REMOVE ALL EXISTING CONDUITS THAT WILL NOT BE REUSED AND WHERE THEY WILL BE EXPOSED AFTER COMPLETION. ABANDON ALL OTHERS IN THE WALLS ONLY. DISCONNECT ALL WIRING INDICATED AND/OR REQUIRED TO BE REMOVED FROM ALL POWER SOURCES. REMOVE ALL WIRING FROM ABANDONED CONDUITS AND PROVIDE BLANK COVER PLATES FOR BOXES NOT UTILIZED FOR THE WORK.
C	MAINTAIN CONTINUITY OF ALL EXISTING CIRCUITS TO REMAIN OR PORTIONS THEREOF AFFECTED BY THE WORK.
D	BEFORE DEMOLITION, VERIFY WITH THE OWNER ALL EQUIPMENT TO BE SALVAGED TO OWNER AND NOT REMOVED FROM THE SITE. FOR ALL REMAINING EQUIPMENT INDICATED FOR REMOVAL (AND NOT RELOCATED), REMOVE AND DISPOSE IN A LEGAL MANNER.
E	EXERCISE CARE IN REMOVING DEMOLITION ITEMS. REPAIR OR REPLACE ALL DAMAGE CAUSED TO EXISTING CONSTRUCTION AND EQUIPMENT TO REMAIN.
F	DRAWINGS ARE BASED UPON EXISTING PLANS AND FIELD INVESTIGATION WITHOUT DEMOLITION. VISIT THE EXISTING BUILDING AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND EXAMINE ALL DRAWINGS TO AVOID CONFLICTS.
G	WHERE DEMOLITION OF TELECOMMUNICATIONS DEVICES OCCUR, REMOVE CABLING NOT INDICATED TO REMAIN BACK TO POINT OF ORIGIN.
H	DEMOLITION FLOOR PLANS ARE PROVIDED FOR REFERENCE ONLY TO AID IN DEFINING THE SCOPE OF DEMOLITION WORK.

GENERAL NOTES	
A	THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.
B	FOLLOW MOUNTING HEIGHTS INDICATED IN THE ELECTRICAL LEGEND UNLESS OTHERWISE INDICATED. MEASURE ALL MOUNTING HEIGHTS FROM THE DEVICE CENTER LINE UNLESS OTHERWISE INDICATED.
C	FIELD VERIFY EXACT FEEDER LOCATIONS FOR MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN.
D	EQUIPMENT CONNECTIONS ARE INDICATED IN THEIR APPROXIMATE LOCATIONS. VERIFY EXACT LOCATIONS OF ALL CONNECTIONS WITH OTHER TRADES SUPPLYING EQUIPMENT TO AVOID CONFLICTS AT INSTALLATION.
E	LOCATED ALL SWITCHES FOR LOCAL CONTROL OF LIGHTING ON STRIKE SIDE OF SINGLE DOORS UNLESS OTHERWISE INDICATED.
F	PROVIDE SPECIFIC BREAKER ARRANGEMENT FOR THE PANEL BOARDS WHEREVER PHYSICALLY POSSIBLE. PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. PROVIDE TYPE WRITTEN PANELBOARD DIRECTORIES INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT.
G	PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. TYPE WRITTEN PANELBOARD DIRECTORIES INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. HAND WRITTEN SCHEDULES ARE NOT ACCEPTABLE.
H	ALL CONDUIT RUNS INDICATED ARE DIAGRAMMATIC. COORDINATE ROUTING IN ALL SPACES WITH OTHER TRADES.
I	ALL PANELBOARDS INDICATED ARE HOUSED IN A SINGLE WIDTH ENCLOSURE, UNO. THE CONTRACTOR SHALL FIELD VERIFY ROOM LAYOUT AND ADJUST ACCORDINGLY, AT NO COST TO THE OWNER, IF PROVIDING ANY PANELBOARD ENCLOSURES.
J	WHERE POWER AND COMMUNICATION OUTLETS ARE INDICATED IN CLOSE PROXIMITY ON THE DRAWINGS, FIELD COORDINATE THE LOCATIONS TO PLACE THE OUTLETS ADJACENT TO EACH OTHER.
K	ALL EXTERIOR RECEPTACLES SHALL BE LABELED "WR" - WEATHER RESISTANT.
L	WHEN GROUPING MULTIPLE LINE TO NEUTRAL BRANCH CIRCUITS IN A CONDUIT, PROVIDE DEDICATED COLOR CODED NEUTRAL CONDUCTORS FOR EACH CIRCUIT. DO NOT USE BREAKER TIES AND SHARED NEUTRALS EVEN THOUGH PERMITTED BY NEC.
M	PROVIDE A 2" WIDE YELLOW LINE PAINTED ON THE FLOOR INDICATING THE ELECTRICAL WORKING SPACE. IN FRONT OF ALL ELECTRICAL PANELS IN ELECTRICAL ROOMS, REFER TO PLANS FOR ELECTRICAL WORKING SPACE DETAILS. STENCIL "NO STORAGE IN 2" HIGH, YELLOW LETTERS CENTERED IN THE OUTLINED AREA.

ABBREVIATIONS	
1P	SINGLE PHASE
3P	THREE PHASE
3R	WEATHERPROOF (NEMA 3R)
A	AMPS
AF	ABOVE FINISHED FLOOR
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BKR	BREAKER
C	CONDUIT
CATV	COMMUNITY ANTENNA TELEVISION (CABLE)
CB	CIRCUIT BREAKER
CBL	CABLE
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
CLR	CLEAR
CO	COMPANY
COMB	COMBINATION
COMM	COMMUNICATIONS
CU	COPPER
DA	DIAMETER
DISC	DISCONNECT
DIV	DIVISION
DWG	DRAWING
EBH	ELECTRIC BASEBOARD HEATER
EC	EMPTY CONDUIT
ECS	EMERGENCY COMMUNICATIONS STATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EPO	EMERGENCY POWER OFF
EQ	EQUIPMENT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EX	EXISTING
EXT	EXTERIOR
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FAGP	FIRE ALARM GRAPHIC PANEL
FAXP	FIRE ALARM EXTENDER PANEL
FFSCP	FIRE FIGHTER'S SMOKE CONTROL PANEL
FLA	FULL LOAD AMPS
FFMR	FUSE PER MANUFACTURERS REQUIREMENTS/RECOMMENDATIONS
FPND	FUSE PER NAMEPLATE DATA
G	GROUND
GE	GROUND FAULT PROTECTION FOR EQUIPMENT, 6-50mA PER NEC 427.22 (PROVIDE ACCESSORY FOR INDICATED BREAKER)
GFCl	GROUND FAULT CIRCUIT INTERRUPT
GFP	GROUND FAULT PROTECTION FOR PERSONNEL, 4-6mA (PROVIDE ACCESSORY FOR INDICATED BREAKER)
HKP	HOUSEKEEPING PAD
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
Hz	HERTZ
IAW	IN ACCORDANCE WITH
IG	ISOLATED GROUND
J-BOX	JUNCTION BOX
KHFSS	KITCHEN HOOD FIRE SUPPRESSION SYSTEM
KHz	KILOHERTZ
KVA	KILOVOLT AMPS
KW	KILOWATTS
KWH	KILOWATT HOURS
L	LOCKOUT TO PREVENT UNAUTHORIZED SWITCHING (PROVIDE ACCESSORY FOR INDICATED BREAKER)
LC	ROUTE CIRCUIT TO LOAD VIA LIGHTING CONTACTOR, REFER TO LC SCHEDULE
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
LTS	LIGHTS
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MHz	MEGAHERTZ
MIN	MINIMUM
ML	MAINTENANCE LOCK (PROVIDE ACCESSORY FOR INDICATED BREAKER)
MLO	MAIN LUG ONLY
MMS	MASS NOTIFICATION SYSTEM
MOSP	MAXIMUM OVER CURRENT PROTECTION
MTD	MOUNTED
N	

KEYNOTES	
APPLIES TO DRAWINGS E1.0 REPRESENTED BY [a]	
1.	NOT USED
2.	LIGHT FIXTURE TO BE RELOCATED, SEE SHEET E2.1 FOR NEW LOCATION
3.	LIGHT SWITCH TO BE RELOCATED FOR STAIR LIGHTS, SEE SHEET E2.1 FOR NEW LOCATION
4.	REMOVE THE EXISTING FAAP, THEN RE-INSTALL IT BACK. REFER TO E2.3 FOR THE LOCATION



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FIRST FLOOR PLAN - DEMOLITION
 1/8" = 1'-0"

ARLINGTON CULTURAL AFFAIRS RENO

624801
 ARLINGTON COUNTY GOVERNMENT
 3700 S. FOUR MILE RUN DRIVE

PROJECT NO:	624801
DATE:	DECEMBER 12, 2023
REVISIONS	
DATE	DESCRIPTION
12.15.23	BID SET

FLOOR PLANS -
 DEMOLITION

E1.0

PROJECT NO:	624801
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GENERAL NOTES

A. ALL TYPE WITH "E" LIGHT FIXTURES AND EXIT SIGNS SHALL BE UN-SWITCHED.

KEYNOTES

APPLIES TO DRAWINGS E2.1
 REPRESENTED BY [Symbol]

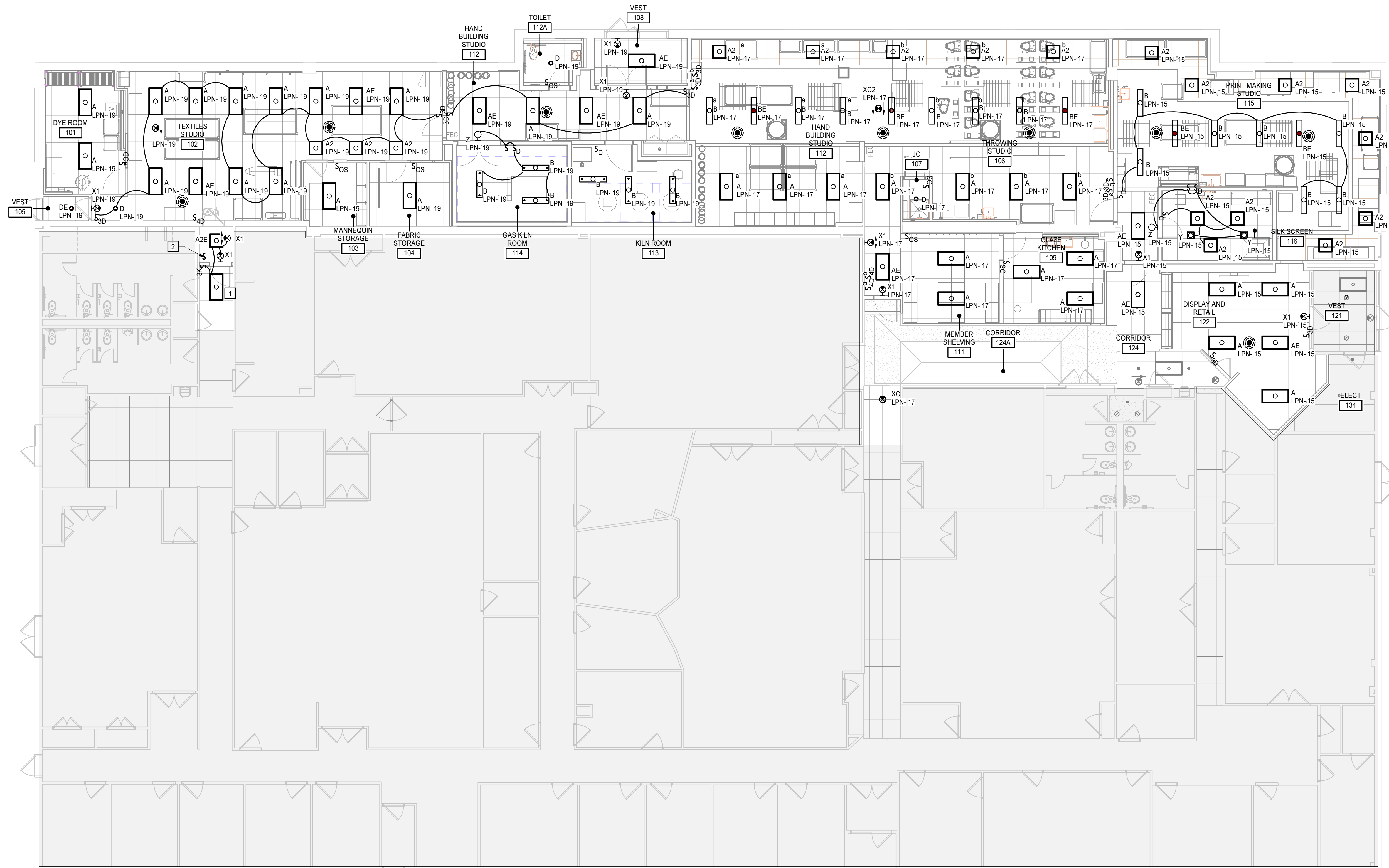
1. REFER TO KEYNOTE #2 ON E1.0 FOR ADDITIONAL LIGHT FIXTURE INFORMATION. CONNECT TO EXISTING CIRCUIT IN THE CORRIDOR.
2. REFER TO KEYNOTE #3 ON E1.0 FOR ADDITIONAL LIGHT SWITCH INFORMATION.

INTERIOR LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	FIXTURE SERIES NO.	WATTAGE	LUMENS	COLOR WVR	QUANTITY	LAMP TYPE	COLOR TEMP.	MOUNTING	DIMMING	OPTIONS BATTERY PACK	REFERENCE NOTE	COMMENTS
A	SINGLE FACE EXIT SIGN	HE WILLIAMS	EXITTEL-SF-R-WHT-AC-D	3			1	LED	3500 K	CEILING		X	1	
A2	2X4 TROFFER	HE WILLIAMS	505-S24-L59-835-SAF12125-DIM-UNV	34	4000 lm		1	LED	3500 K	RECESSED	X	X		
A2E	2X2 TROFFER	HE WILLIAMS	505-S22-L43-835-SAF12125-DIM-UNV	37	4000 lm		1	LED	3500 K	RECESSED	X	X		
AE	2X4 TROFFER	HE WILLIAMS	505-S24-L59-835-SAF12125-DIM-UNV	34	4000 lm		1	LED	3500 K	RECESSED	X	X		
B	4 LINEAR FIXTURE	DAYBRITE CFI	OWL-4-50L-835-UNV-DIM	53	5000 lm		1	LED	3500 K	RECESSED	X	X		
BE	4' LINEAR OWL WRAPAROUND	DAY-BRITE CFI	OWL-4-40L-835-UNV-DIM	53	5000 lm		1	LED	3500 K	RECESSED	X	X		
D	6" DOWNLIGHT	HE WILLIAMS	6DR-TL-L10-835-DIM1-UNV-OW-OF-CS	9	1000 lm		1	LED	3500 K	RECESSED	X	X		
DE	6" DOWNLIGHT	HE WILLIAMS	6DR-TL-L10-835-EM10W-DIM1-UNV-OW-OF-CS	9	1000 lm		1	LED	3500 K	RECESSED	X	X		
X1	SINGLE FACE EXIT SIGN	HE WILLIAMS	EXITTEL-SF-R-CP-AN-EM-D	4		WR	1	LED		ABOVE DOOR			1	
XC	SINGLE FACE EXIT SIGN	HE WILLIAMS	EXITTEL-SF-R-CP-AN-EM-D	4		WR	1	LED		CEILING			1	
XC2	DOUBLE FACE EXIT SIGN	HE WILLIAMS	EXITTEL-DF-R-CP-AN-EM-D	4		WR	1	LED		CEILING			1	
Y	DARKROOM SAFELIGHTS	KURTZON	DKS-F10-2-1X1-XXX-UNV-FROST-020FF	4	50 lm	RED	1	LED	0 K	RECESSED	X			
Z	THIN PROFILE BACKLIT LED SIGN	RT TECHNOLOGIES	LEDS-SF-110-R-RU/ROOM IN USE	0				LED		WALL				WALL

GENERAL NOTES:
 A. ALL FIXTURES SHALL BE CAPABLE OF 120V AND 277V INPUT (VOLT), UNO.
 B. REFER TO LIGHTING PLANS AND SPECIFICATIONS FOR ADDITIONAL FIXTURE INFORMATION.
 C. "X" IN THE SCHEDULE INDICATES ITEM IS REQUIRED.
 D. ALL LENS SHALL BE A MINIMUM 0.125" THICKNESS, UNO.

REFERENCE NOTES:
 1. NUMBER OF FACES AND DIRECTIONAL CHEVRONS AS INDICATED ON DWGS.

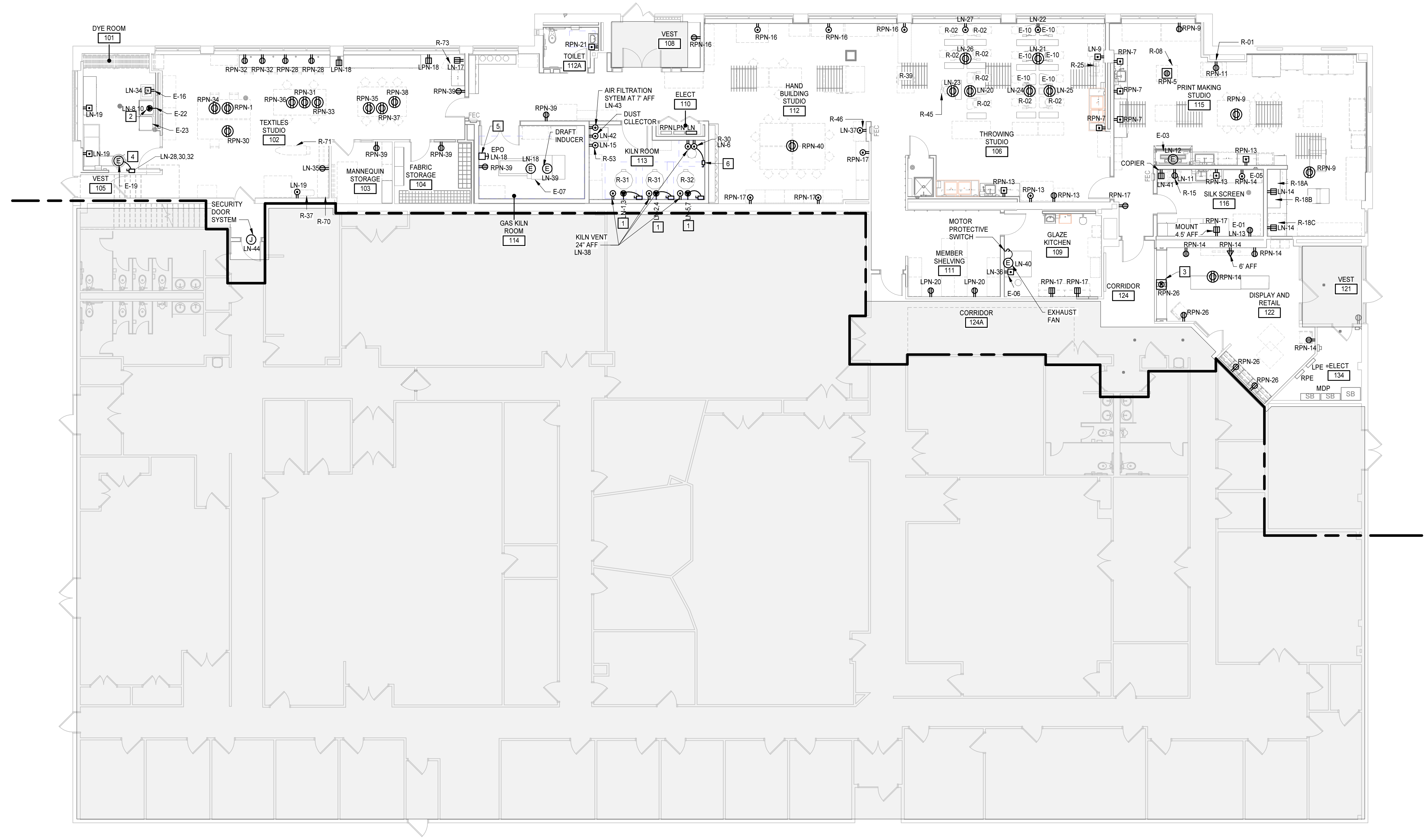


FIRST FLOOR PLAN - LIGHTING
 1/8" = 1'-0"

GENERAL NOTES

A. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.

- KEYNOTES**
 APPLIES TO DRAWINGS E2.2
 REPRESENTED BY [n]
1. PROVIDE 6-50R RECEPTACLE, WIRE 2#14 #10G, 1'C, AND NEMA 3R 208V/1P, 60A, NON-FUSE DISCONNECT. LOCATION CAN BE ADJUSTED IN FIELD.
 2. PROVIDE 14-30R RECEPTACLE AND WIRE 3#10 #10G, 3/4'C.
 3. PROVIDE POWER FOR DISPLAY CASE. COORDINATE CONNECTIONS AND A LOCATION WITH DISPLAY CASE VENDOR.
 4. PROVIDE NEMA 3R, 208V/3P, 100A NON-FUSE DISCONNECT. COORDINATE LOCATION IN FIELD. PROVIDE #4S #0G, 1 1/4'C.
 5. REFER TO GAS APPLIANCE EPO DIAGRAM ON E4.0.
 6. PROVIDE NEMA 3R, 120V/1P, 30A, NON-FUSE DISCONNECT.



FIRST FLOOR PLAN - POWER
 1/8" = 1'-0"

ARLINGTON CULTURAL AFFAIRS RENO

624801
 ARLINGTON COUNTY GOVERNMENT
 3700 S. FOUR MILE RUN DRIVE

PROJECT NO.	624801
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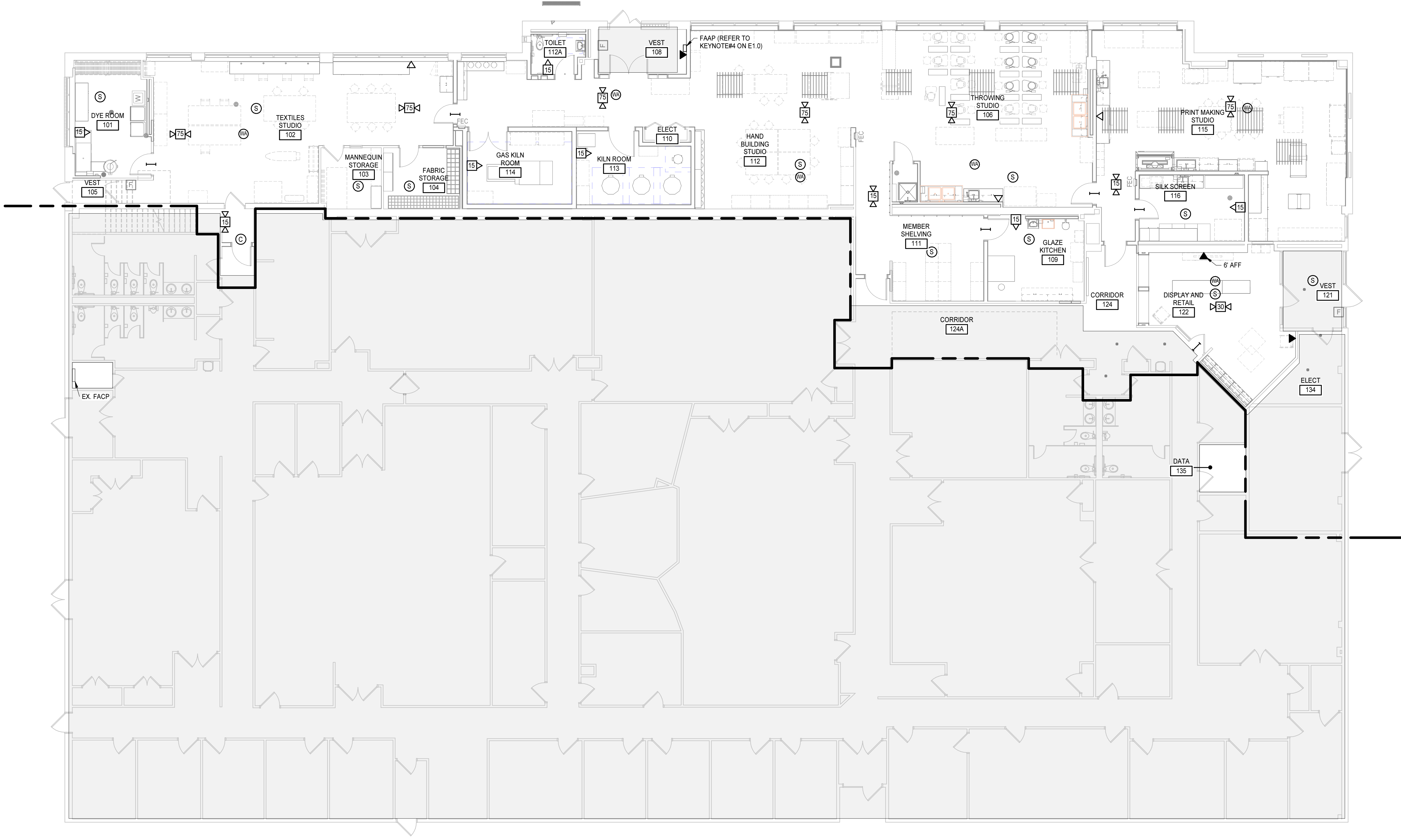
12.15.23 BID SET

GENERAL NOTES

A. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.

B. FOR ALL LOW VOLTAGE SYSTEMS OTHER THAN FIRE ALARM SYSTEM, CONDUITS AND BOXES SHALL BE PROVIDED BY CONTRACTOR. ALL CABLING, EQUIPMENTS, AND DEVICES SHALL BE PROVIDED BY THE OWNER.

C. BUILDING HAS A CENTRAL MONITORING SYSTEM AND FIRE ALARM SYSTEM.



FIRST FLOOR PLAN - COMMUNICATIONS
 1/8" = 1'-0"

ARLINGTON CULTURAL AFFAIRS RENO

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FIRST FLOOR PLANS -
 COMMUNICATIONS

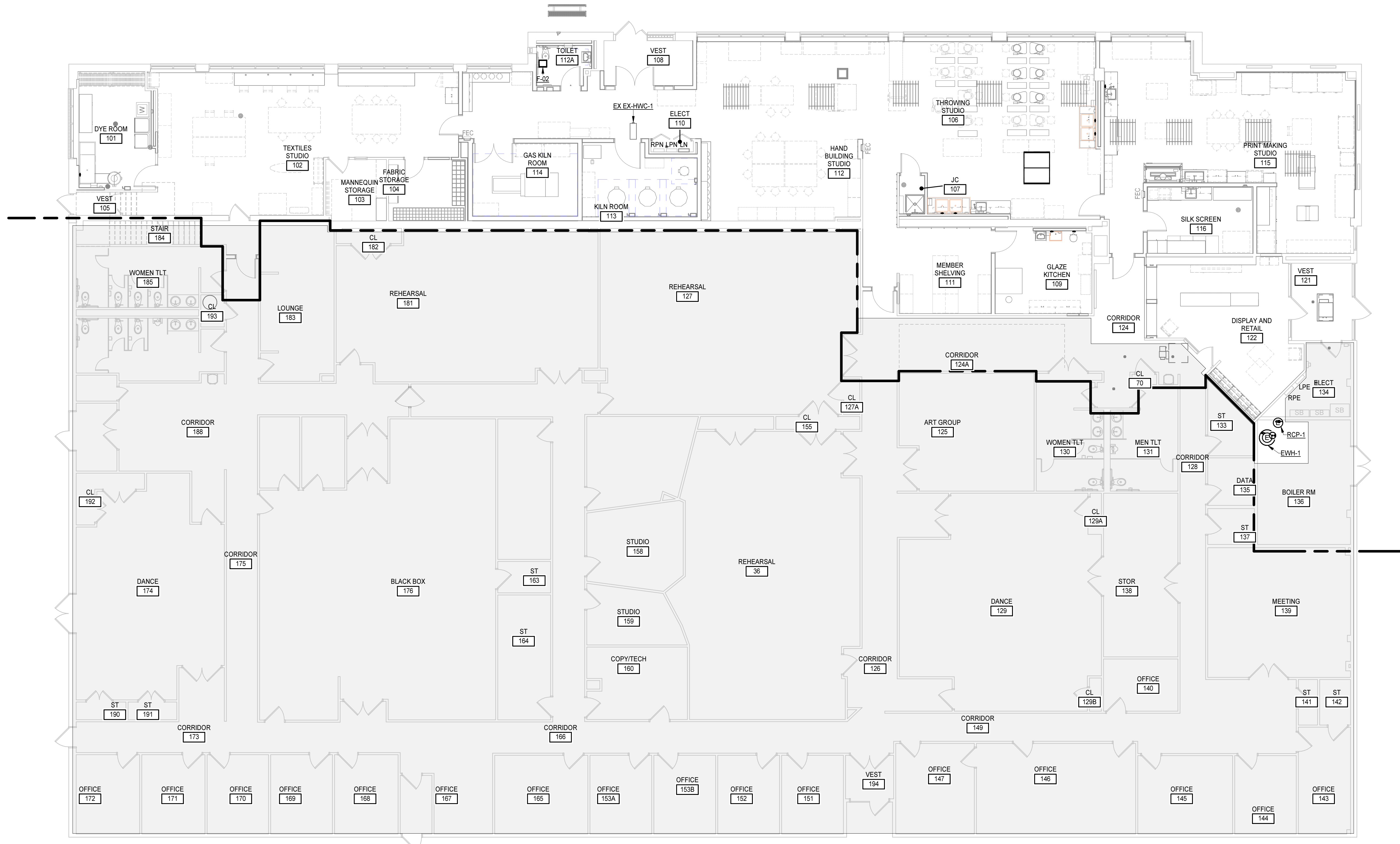
GENERAL NOTES

A REFER TO MECHANICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

DIV. 22 & 23 EQUIPMENT ELECTRICAL SCHEDULE - E2.4

NAME	VOLTAGE	PHASE	PB/D	CKT	DISCONNECTING MEANS	FEEDER SIZE	NOTES
EWB-1	208 V	3	LN	29,31,33	NOTE 2	4#10 #10G, 3/4" C	
F-02	120 V	1			NOTE 1	2#12 #12G, 3/4" C	CONNECT LIGHTING CIRCUIT IN ROOM 112A.
RCP-1	120 V	1	RPE	37	NOTE 2	2#12 #12G, 3/4" C	

NOTES:
 1. PROVIDED BY DIV 23
 2. PROVIDED BY DIV 22.



N
FIRST FLOOR PLAN - MECH POWER
 1/8" = 1'-0"

ARLINGTON CULTURAL AFFAIRS RENO

624801
 ARLINGTON COUNTY GOVERNMENT
 3700 S. FOUR MILE RUN DRIVE

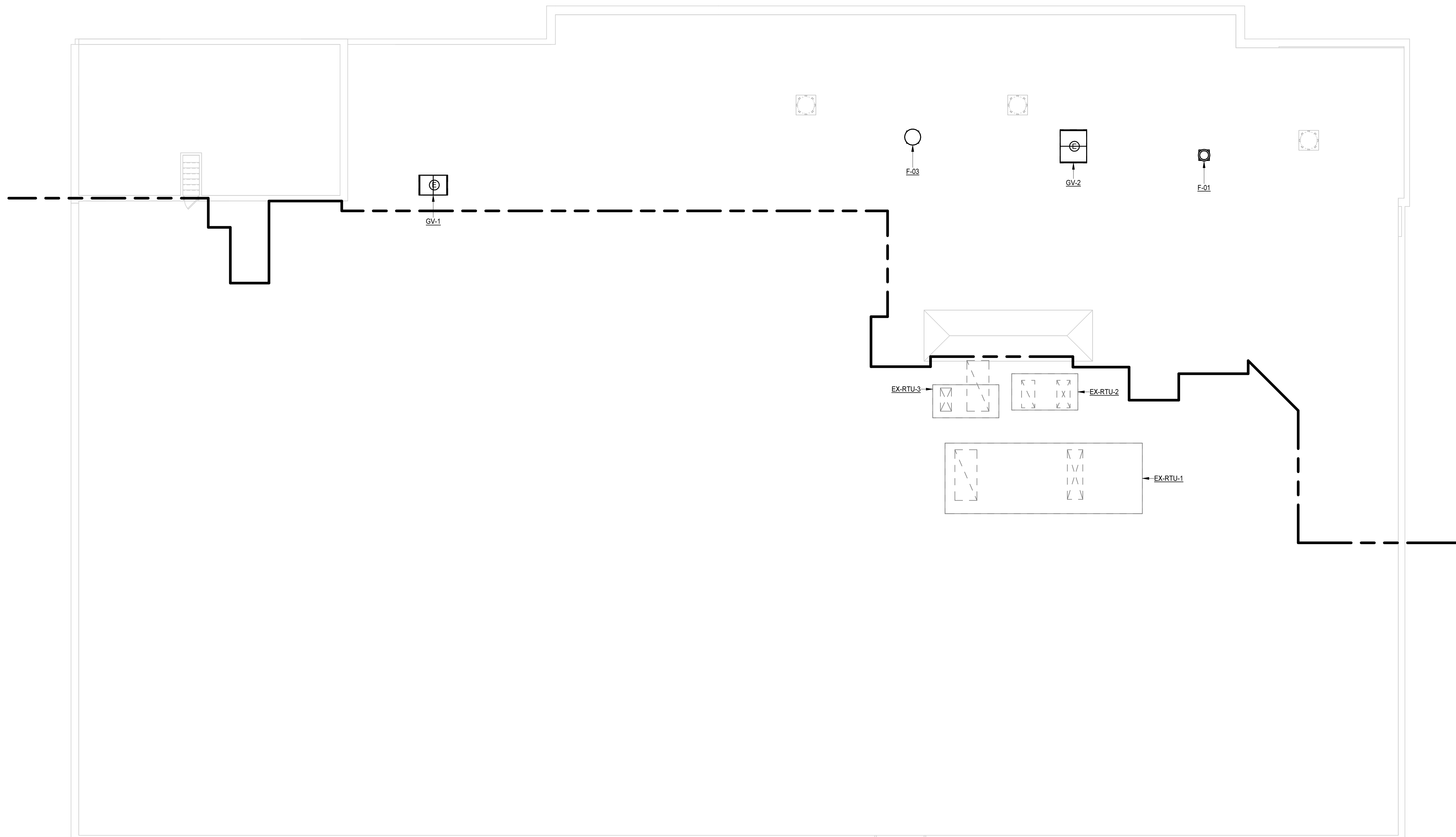
PROJECT NO:	624801
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FLOOR PLANS - MECH
 POWER

DIV. 22 & 23 EQUIPMENT ELECTRICAL SCHEDULE - E2.5							
NAME	VOLTAGE	PHASE	PIBD	CKT	DISCONNECTING MEANS	FEEDER SIZE	NOTES
F-01	120 V	1	RPE	40	NOTE 1	2#12.#12G, 3/4"	
F-03	120 V	1	RPE	24	NOTE 1	2#12.#12G, 3/4"	
GV-1 MOTORIZED DAMPER	120 V	1	LPN	22	NOTE 1	2#12.#12G, 3/4"	
GV-2 MOTORIZED DAMPER	120 V		LPN	22	NOTE 1	2#12.#12G, 3/4"	

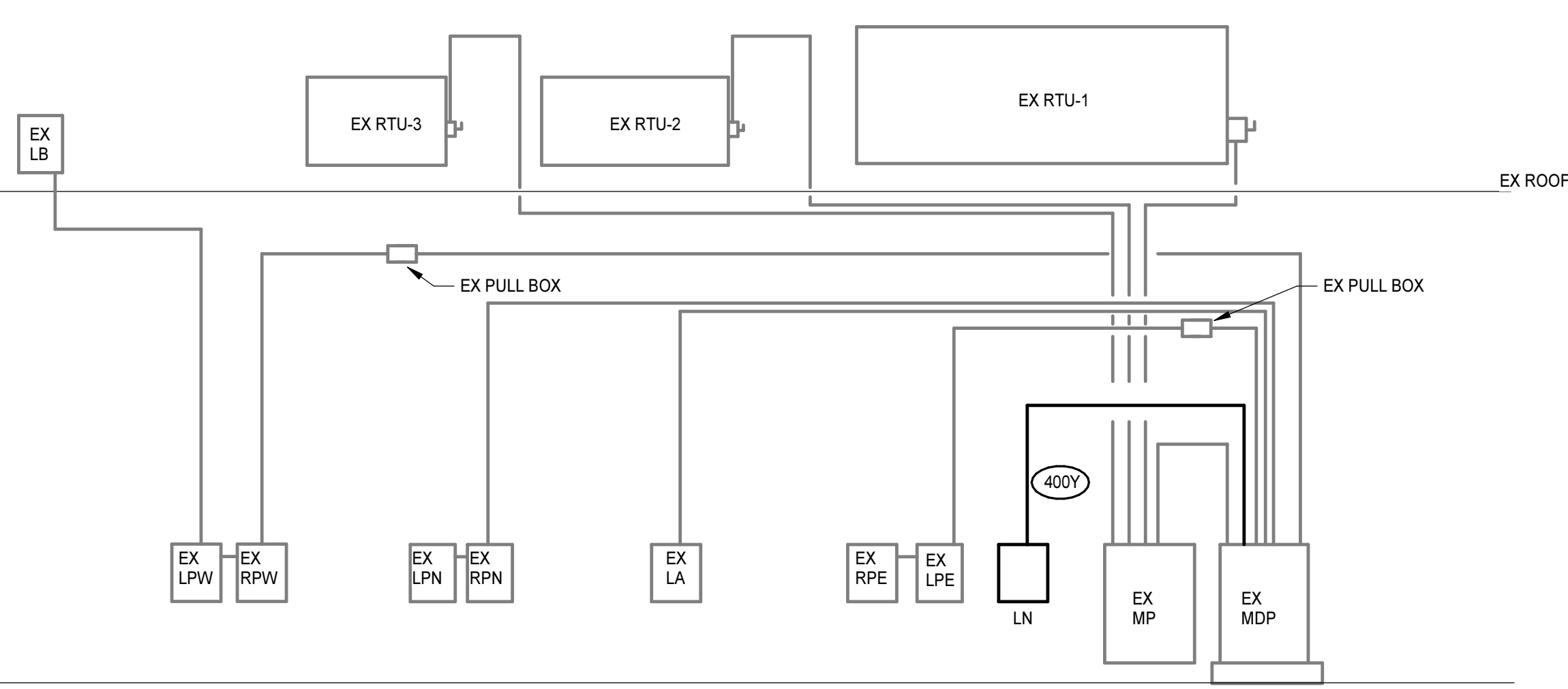
NOTES:
1. PROVIDED BY DIV 23.

GENERAL NOTES
A REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.



ROOF PLAN - ELECTRICAL
1/8" = 1'-0"

PROJECT NO:	624801
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ELECTRICAL RISER DIAGRAM
 NO SCALE

EXISTING PANELBOARD LPN										
225 AMP MLO		120/208 Wye		3 PH 4 W		MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 10 KAIC		
CKT	BRKR	POLE	LOAD	A	B	C	LOAD	POLE	BRKR	CKT
1	20 A	1	LIGHTS RM 109, 141A	0.0	0.0		J BOX FOR VAV	1	20 A	2
3	20 A	1	LIGHTS RM 127		0.0	0.0	J BOX FOR VAV	1	20 A	4
5	20 A	1	LIGHTS RM 111, 112, 108, 107...			0.0	J BOX FOR VAV	1	20 A	6
7	20 A	1	SPARE	0.0	0.0		J BOX FOR VAV	1	20 A	8
9	20 A	1	SPARE		0.0	0.0	SPARE	1	20 A	10
11	20 A	1	CORRIDOR LIGHTS			0.0	UNKNOWN	1	20 A	12
13	20 A	1	CORRIDOR LIGHTS	0.0	0.0		UNKNOWN	1	20 A	14
15	20 A	1	LGTS - RM 115, 116, 132, 124		1.1	0.0	UNKNOWN	1	20 A	16
17	20 A	1	LGTS - RM 106, 107, 109, 111, 112			1.1	RECS - RM 102	1	20 A	18
19	20 A	1	LGTS - RM 101, 105, 108, 111, 114	1.2	0.4		RECS - RM 111	1	20 A	20
21	20 A	1	SPARE		0.0	0.2	REC-1 MOTORIZED DAMPER	1	20 A	22
23	20 A	1	SPARE			0.0	SPARE	1	20 A	24
25	20 A	1	SPARE	0.0	0.0		SPARE	1	20 A	26
27	20 A	1	SPARE		0.0	0.0	SPARE	1	20 A	28
29	20 A	1	SPARE			0.0	SPARE	1	20 A	30
				2 kVA	1 kVA	1 kVA				
				13 A	11 A	13 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
INTERIOR LIGHTING	3431 VA	125.00%	4289 VA	Total Conn. Load: 4.4 kVA Total Est. Demand: 5.2 kVA Total Conn. Current: 12 A Total Est. Demand: 14 A
EXTERIOR LIGHTING	0 VA	0.00%	0 VA	
RECEPTACLES	720 VA	100.00%	720 VA	
AC / HEAT PUMP	0 VA	0.00%	0 VA	
ELECTRIC HEAT	0 VA	0.00%	0 VA	
KITCHEN	0 VA	0.00%	0 VA	
MISCELLANEOUS	200 VA	100.00%	200 VA	

EXISTING PANELBOARD RPE										
225 AMP MLO		120/208 Wye		3 PH 4 W		MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 10 KAIC		
CKT	BRKR	POLE	LOAD	A	B	C	LOAD	POLE	BRKR	CKT
1	20 A	1	UNKNOWN	0.0	0.0		REC RM 121, 122	1	20 A	2
3	20 A	1	UNKNOWN		0.0	0.0	BATHROOM GFCI	1	20 A	4
5	20 A	1	UNKNOWN			0.0	REC RM 128	1	20 A	6
7	20 A	1	REC MEETING RM 139	0.0	0.0		REC RM 119, 120	1	20 A	8
9	20 A	1	REC RM 142, 143			0.0	REC RM 116	1	20 A	10
11	20 A	1	COPIER RM 142			0.0	REC RM 141C, 115	1	20 A	12
13	20 A	1	REC RM 138, 140	0.0	0.0		REC RM 123, RECEP(122)	1	20 A	14
15	20 A	1	REC DANCE RM 129			0.0	REC RM 125	1	20 A	16
17	20 A	1	REC DANCE RM 129			0.0	REC RM 118, CORRIDOR	1	20 A	18
19	20 A	1	REC DANCE RM 129, COR 146	0.0	0.0		J BOX FOR MAG DOOR HOLDER	1	20 A	20
21	20 A	1	REC RM 145, 146, 147			0.0	J BOX FOR MAG DOOR HOLDER	1	20 A	22
23	20 A	1	REC RM 143, 144, 145			0.0	F-03 ON ROOF	1	20 A	24
25	20 A	1	QUAD IN DATA RM	0.0	0.0		FA PANEL	1	20 A	26
27	20 A	1	QUAD IN DATA RM			0.0	EMS	1	20 A	28
29	20 A	1	UNKNOWN			0.0	UNKNOWN	1	20 A	30
31	20 A	1	UNKNOWN	0.0	0.0		SPARE	2	30 A	32
33	20 A	1	UNKNOWN			0.0	SPARE	1	20 A	34
35	20 A	1	COPIER RM 123			0.0	REC COMP RM	1	30 A	36
37	20 A	1	REC-1 - RM 136	0.1	0.0		REC COMP RM QUAD	1	20 A	38
39						0.0	F-01 ON ROOF	1	15 A	40
41	50 A	2	SPARE			0.0	UNKNOWN	1	20 A	42
				0 kVA	0 kVA	1 kVA				
				1 A	1 A	10 A				

* PROVIDE (1) 15A/1P CIRCUIT BREAKER TO REPLACE EXISTING 20A/1P CIRCUIT BREAKER.

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
INTERIOR LIGHTING	0 VA	0.00%	0 VA	Total Conn. Load: 1.4 kVA Total Est. Demand: 1.4 kVA Total Conn. Current: 4 A Total Est. Demand: 4 A
EXTERIOR LIGHTING	0 VA	0.00%	0 VA	
RECEPTACLES	0 VA	0.00%	0 VA	
AC / HEAT PUMP	80 VA	100.00%	80 VA	
ELECTRIC HEAT	0 VA	0.00%	0 VA	
KITCHEN	0 VA	0.00%	0 VA	
MISCELLANEOUS	1280 VA	100.00%	1280 VA	

EXISTING SWITCHBOARD MDP							
HORIZONTAL...	1200 A	NEMA ENCL:	NEMA... FRONT ACCESS				
GROUND BUS:	1200 A	MAIN SWITCH:	1200 A	VOLTAGE:	120/208 Wye	3 PH	4 WIRE
VERTICAL...	1200 A	CT SECTION:	YES	BRACING:	65KAIC	AMPS	
NEUTRAL BUS:	1200 A						
DEVIC E NO.	DESCRIPTION	A	B	C	NUMBER OF POLES	RATING	NOTES
1	SPACE ONLY	--	--	--	3	--	
2	PANEL MP	30780 VA	30780 VA	30780 VA	3	600 A	
3	PANEL RPE & PANEL LPE	10375 VA	10375 VA	10375 VA	3	200 A	
4	SPACE ONLY	--	--	--	3	--	
5	SPACE ONLY	--	--	--	3	--	
6	SPACE ONLY	--	--	--	3	--	
7	SPACE ONLY	--	--	--	3	--	
8	SPACE ONLY	--	--	--	3	--	
9	SPACE ONLY	--	--	--	3	--	
10	SPACE ONLY	--	--	--	3	--	
11	SPARE	0 VA	0 VA	0 VA	3	100 A	
12	SPARE	0 VA	0 VA	0 VA	3	100 A	
13	SPACE ONLY	--	--	--	3	--	
14	SPACE ONLY	--	--	--	3	--	
15	PANEL LA	10000 VA	10000 VA	10000 VA	3	200 A	
16	SPARE	0 VA	0 VA	0 VA	3	200 A	
17	PANEL RPW & PANEL LPW	10500 VA	10500 VA	10500 VA	3	200 A	
18	PANEL RPN & PANEL LPN	9000 VA	9000 VA	9000 VA	3	200 A	
19	* PANEL LN (NEW)	30587 VA	27195 VA	19569 VA	3	400 A	
TOTAL		102789 VA	99154 VA	91723 VA			

LOAD TYPE	CONNECTED KVA	DEMAND KVA
INTERIOR LIGHTING	3431 VA	4289 VA
EXTERIOR LIGHTING	0 VA	0 VA
RECEPTACLES	6300 VA	6300 VA
AC / HEAT PUMP	0 VA	0 VA
ELECTRIC HEAT	0 VA	0 VA
KITCHEN	0 VA	0 VA
MISCELLANEOUS	71130 VA	71130 VA
LARGEST MOTOR	0 VA	0 VA
TOTAL CONNECTED KVA:		294 KVA
TOTAL DEMAND KVA:		295 KVA
TOTAL CONNECTED...:		815 A
TOTAL DEMAND AMPS:		818 A

* PROVIDE (1) 400A FUSE DISCONNECT AS INDICATED.

PANELBOARD SCHEDULE LN												
400 AMP MLO		120/208 Wye		3 PH 4 W		MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 10 KAIC				
CKT	BRKR	POLE	LOAD	A	B	C	LOAD	POLE	BRKR	CKT		
1	60 A	2	KILN - RM 113	4.8	5.0		KILN - RM 113	2	60 A	2		
3										4		
5	60 A	2	KILN - RM 113			5.0	TEST KILN - RM 113	1	20 A	6		
7	20 A	1	PUG MILL - RM 106	5.0	2.4		DRYER - RM 101	2	30 A	8		
9	20 A	1	REFRIG - RM 116 (GP)		0.2	2.4	FUME HOOD - RM 115	1	20 A	10		
11	20 A	1	SILK SCREEN - RM 116 & 115	0.2	0.4		PAPER CUTTERS - RM 115	1	20 A	12		
13	20 A	1	GRINDER - RM 111			0.2	1.2	WASHER - RM 101	1	20 A	14	
15	20 A	1	REFRIG - RM 102 (GP)		0.5	0.4	1.2	0.6	GAS KILN & EPC CONTROL - R...	1	20 A	16
17	20 A	1	STEAMPRESS - RM 101	0.5	0.4				CORD REELS - RM 106	1	20 A	18
19	20 A	1	CORD REELS - RM 106			0.4	0.2		POTTERY WHEELS REC - RM 106	1	20 A	20
21	20 A	1	CORD REELS ADA - RM 106			0.4	0.4		CORD REELS - RM 106	1	20 A	22
23	20 A	1	CORD REELS - RM 106	0.4	0.4				CORD REELS - RM 106	1	20 A	24
25	20 A	1	POTTERY WHEELS REC - RM 106			0.2	7.2		CORD REELS - RM 106	1	20 A	26
27	20 A	1	SPARE						SPARE	1	20 A	28
29	30 A	3	EWV-1 - RM 136	2.7	7.2		7.2		DYE VAT KETTLE (E-19) - RM 101	3	80 A	30
31											32	
33	20 A	1	IRONING BOARD & S.M. - RM 102			2.7	1.2		WASHER - RM 101	1	20 A	34
35	20 A	1	HEAT LAMP CABINET - RM 112			0.2	0.2		SPRAY BOOTH LIGHTS - RM 109	1	20 A	36
37	20 A	1	DRAFT INDUCER (07) - RM 114	0.2	0.7				KILN VENTS - RM 113	1	20 A	38
39	20 A	1	COPIER - RM 116			0.5	1.2		EXHAUST FAN (E-06) - RM 109	1	20 A	40
41	20 A	1	AIR FILTRATION SYSTEM - RM 113	0.4	0.1			0.2	DUST COLLECTOR - RM 113	1	20 A	42
43	20 A	1	SPARE			0.0	0.0		SECURITY DOOR SYSTEM	1	20 A	44
45	20 A	1	SPARE						SPARE	1	20 A	46
47	20 A	1	SPARE						SPARE	1	20 A	48
49	20 A	1	SPARE	0.0	0.0				SPARE	1	20 A	50
51	20 A	1	SPARE			0.0	0.0		SPARE	1	20 A	52
53	--	1	SPACE ONLY	--	--	--	--	--	SPACE ONLY	1	--	54
55	--	1	SPACE ONLY	--	--	--	--	--	SPACE ONLY	1	--	56
57	--	1	SPACE ONLY	--	--	--	--	--	SPACE ONLY	1	--	58
59	--	1	SPACE ONLY	--	--	--	--	--	SPACE ONLY	1	--	60
61	--	1	SPACE ONLY	--	--	--	--	--	SPACE ONLY	1	--	62
63	--	1	SPACE ONLY	--	--	--	--	--	SPACE ONLY	1	--	64
65	--	1	SPACE ONLY	--	--	--	--	--	SPACE ONLY	1	--	66
				31 kVA	27 kVA	20 kVA						
				265 A	236 A	163 A						

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 5-50mA PER NEC 427.22 DED. NEUTRAL.
 (GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8 DED. NEUTRAL.
 (L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
 (LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X
 (ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
INTERIOR LIGHTING	0 VA	0.00%	0 VA	Total Conn. Load: 77.4 kVA Total Est. Demand: 77.6 kVA Total Conn. Current: 215 A Total Est. Demand: 215 A
EXTERIOR LIGHTING	0 VA	0.00%	0 VA	
RECEPTACLES	5580 VA	100.00%	5580 VA	
AC / HEAT PUMP	0 VA	0.00%	0 VA	
ELECTRIC HEAT	0 VA	0.00%	0 VA	
KITCHEN	0 VA	0.00%	0 VA	
MISCELLANEOUS	70930 VA	100.00%	70930 VA	

EXISTING PANELBOARD RPN												
225 AMP MLO		120/208 Wye		3 PH 4 W		MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 10 KAIC				
CKT	BRKR	POLE	LOAD	A	B	C	LOAD	POLE	BRKR	CKT		
1	20 A	1	CORD REELS - RM 102	0.4	0.0		SPARE	1	20 A	2		
3	20 A	1	UNKNOWN			0.0	0.0		REC - RM 127	1	20 A	4
5	20 A	1	LIGHT TABLE - RM 115			0.0	0.0		REC - RM 157	1	20 A	6
7	20 A	1	REC - RM 115	0.7	0.0				REC - RM 109, W/STATION	1	20 A	8
9	20 A	1	REC - RM 115			0.9	0.0		REC - RM 181	1	20 A	10
11	20 A	1	HOT PLATE REC - RM 115			0.2	0.0		REC - RM 191	1	20 A	12
13	20 A	1	REC - RM 115	0.9	1.3				REC - RM 122	1	20 A	14
15	20 A	1	UNKNOWN			0.0	0.7		REC - RM 112	1		