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M002	MECHANICAL SCHEDULES	03/24/25
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M201	MECHANICAL DETAILS	03/24/25
MECHANICAL: 4		
P001	PLUMBING NOTES, LEGEND, SCHEDULES & DETAILS	03/24/25
P101	PLUMBING WASTE & VENT PLAN	03/24/25
P102	PLUMBING WATER PLAN	03/24/25
PLUMBING: 3		
GRAND TOTAL: 37		

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description
1	08.06.2025	Colored Elevations

G000

PROJECT GENERAL NOTES

1. THE CONSTRUCTION GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION BETWEEN SUBCONTRACTORS BASED ON ENTIRE SET OF DOCUMENTS. NO EXTRA COMPENSATION WILL BE GIVEN TO A BIDDER OR SUPPLIER WHO HAS BID FROM AN INCOMPLETE SET OF CONSTRUCTION DOCUMENTS. IN CASE OF INCONSISTENCIES OR DISCREPANCIES BETWEEN DRAWING, THE MOST STRINGENT NOTE OR CONDITION SHALL APPLY AND THE CONTRACTOR SHALL NOTIFY PROJECT ARCHITECT IMMEDIATELY OF SUCH DISCREPANCIES.
2. ALL CONSTRUCTION SHALL CONFORM WITH ALL LOCAL CURRENT BUILDING CODE(S), WITH AMENDMENTS BY THE GOVERNING ENFORCEMENT BODIES (HEREINAFTER REFERRED TO AS THE CODE), ALL APPLICABLE ORDINANCES AND REGULATIONS, THE SPECIFICATIONS AND THE DRAWINGS.
3. IT IS THE RESPONSIBILITY OF THE CONSTRUCTION GENERAL CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS AND DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE CONDITIONS SHOWN ON THESE DOCUMENTS ARE BASED ON INFORMATION SUPPLIED FROM EXISTING PLANS.
- 4.THE CONSTRUCTION GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A CURRENT SET OF CONSTRUCTION DRAWINGS ON SITE DURING CONSTRUCTION. THE GC SHALL INDICATED ON THESE PLANS ALL APPROVED CHANGES TO THIS WORK. THIS SET SHALL BE TURNED OVER TO PROJECT ARCHITECT WHEN THE PROJECT IS COMPLETE.
5. IF ANY ERRORS, DISCREPANCIES OR OMISSIONS APPEAR ON THESE DRAWINGS, SPECIFICATIONS OR OTHER CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY PROJECT ARCHITECT IMMEDIATELY.
6. NO MATERIAL ASSEMBLY OR SYSTEM SUBSTITUTIONS WILL BE ALLOWED UNLESS SUBMITTED IN WRITING TO PROJECT ARCHITECT FOR APPROVAL. NOTIFICATION MUST BE SUBMITTED WITH IN 10 WORKING DAYS OF CONTRACT AWARD.
7. THE CONSTRUCTION GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A LIST OF ALL SUBCONTRACTORS TO BE USED AND SHALL SUBMIT THAT LIST TO THE PROJECT ARCHITECT WITHIN 10 WORKING DAYS OF CONTRACT AWARD.
8. THE CONSTRUCTION GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL SHIPMENTS OF OWNER SUPPLIED MATERIALS. THIS INCLUDES VERIFYING PACKING LISTS AGAINST ORDER FORMS AND BILLS OF LOADING. IF THIS IS NOT DONE, THE CONTRACTOR WILL BEAR THE COST OF ANY EXPEDITED FREIGHT CHARGES TO MEET THE CONSTRUCTION SCHEDULE. THE CONTRACTOR IS RESPONSIBLE FOR FILING DAMAGE REPORTS AND MUST MAINTAIN PACKING MATERIALS FOR SHIPMENT OF DAMAGED ITEMS.
9. THE CONSTRUCTION GENERAL CONTRACTOR SHALL KEEP ALL HANDBOOKS AND PAPERWORK INCLUDING ALL PACKING SLIPS AND BILLS OF LADING IN A MARKED ENVELOPE. THIS ENVELOPE IS TO BE TURNED OVER TO OWNER.
10. THE CONSTRUCTION GENERAL CONTRACTOR SHALL DELIVER A COPY OF THE CERTIFICATE OF OCCUPANCY, LIEN WAIVER, WARRANTIES, GUARANTEES AND EQUIPMENT OPERATION MANUALS.
11. THE CONSTRUCTION GENERAL MANAGER SHALL BE RESPONSIBLE FOR THE CLEANUP OF ALL TRADES. UPON COMPLETION OF CONSTRUCTION, IT WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CLEAN ALL FINISH SURFACES AS PER MANUFACTURERS INSTRUCTIONS AND TO EMPLOY THE SERVICES OF A PROFESSIONAL CLEANING COMPANY IN ORDER TO ASSURE AN ABSOLUTELY CLEAN SPACE.
12. THE DRAWINGS ARE NOT TO BE SCALED.
13. THE DRAWINGS ARE NOT TO BE ALTERED IN ANY WAY WITHOUT WRITTEN AUTHORIZATION FROM PROJECT ARCHITECT.
14. COORDINATE CONSTRUCTION TIME AND NOISE REQUIREMENTS WITH OWNER'S REPRESENTATIVE.
15. THE CONSTRUCTION GENERAL CONTRACTOR SHALL PROVIDE PROTECTIVE COVERING OF ALL EQUIPMENT, MERCHANDISE, CARPET, ETC. DURING CONSTRUCTION.
16. COORDINATE ALL ACTIVITIES WITH MANAGEMENT PRIOR TO START OF CONSTRUCTION. INTERRUPTION OF SERVICES TO THE BUILDING SHALL NOT BE ALLOWED. IF REQUIRED, COORDINATE SUCH INTERRUPTIONS WITH MANAGEMENT. EXISTING SERVICES WHICH ARE IN ANY WAY AFFECTED BY THE PERFORMANCES OF THIS WORK SHALL BE PROTECTED AND MAINTAINED, INCLUDING UTILITY SERVICES FOR THE BUILDING THAT ORIGINATE IN OR THROUGH THE SPACE.
17. CONSTRUCTION GENERAL CONTRACTOR TO PROVIDE AND COORDINATE INSTALLATION OF TEMPORARY BARRICADES AND DUST PROTECTION AS REQUIRED BY MANAGEMENT.
18. CONSTRUCTION GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL THEIR WORK AND THE WORK OF THEIR SUBCONTRACTORS WITH STRUCTURE AND SHELL BUILDING ELEMENTS. CONSTRUCTION GENERAL CONTRACTOR SHALL IMMEDIATELY NOTIFY PROJECT ARCHITECT OF ANY DISCREPANCIES BETWEEN DRAWINGS AND BUILDING SHELL.
19. CONSTRUCTION GENERAL CONTRACTOR TO PROVIDE FIRE EXTINGUISHERS AS REQUIRED. VERIFY QUANTITY AND LOCATION WITH LOCAL OFFICIALS AND COORDINATE LOCATION OF SAME WITH ARCHITECT.
20. CONSTRUCTION GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING OF STUDS, INSERTS AND BLOCKING AS REQUIRED.
21. CONSTRUCTION GENERAL CONTRACTOR SHALL PROVIDE FULL FLOOR PREPARATION AS REQUIRED TO RECEIVE NEW FINISHES. ALL NEW MAJOR FLOOR PREPARATION MUST BE BROUGHT TO THE ATTENTION OF THE MALL MANAGER PRIOR TO COMMENCEMENT OF SAID WORK.
22. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF LIGHTING WITH ELECTRICAL DRAWINGS AND FOR PROVIDING AND INSTALLING ALL LIGHT FIXTURE SUPPORTS.
23. THE GENERAL CONTRACTOR IS RESPONSIBLE TO ACQUIRE AS-BUILT DRAWINGS FROM ALL SUBCONTRACTORS UPON COMPLETION OF THE PROJECT AND TO SUBMIT TO PROJECT ARCHITECT.
24. THE CONSTRUCTION SHALL NOT RESTRICT ACCESS TO A FIVE FOOT CLEAR UNOBSTRUCTED AREA TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METER, APPURTENANCES ETC), OR TO THE LOCATION OF THE HOOK UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS OR ADDITIONAL EXPENSES.
25. DETAILS ARE INTENDED TO SHOW METHOD AND MANNER OF ACCOMPLISHING WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT THE JOB DIMENSIONS OR CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.
26. VERIFY LOCATION AND SIZE OF ALL OPENINGS WITH ALL DRAWINGS AND MANUFACTURED ITEMS WHERE APPLICABLE, PRIOR TO THE STARTING ANY WORK.
27. VERIFY INSERTS AND EMBEDDED ITEMS WITH ALL DRAWINGS AND MANUFACTURED ITEMS WHERE APPLICABLE, PRIOR TO THE STARTING ANY WORK.
28. GLASS AND GLAZING SHALL CONFORM WITH THE CURRENT LOCAL CODE(S), AND WITH U.S. CONSUMER PRODUCT SAFETY COMMISSION REQUIREMENTS. GLAZED OPENINGS LESS THAN 18 INCHES ABOVE ADJACENT FLOOR SHALL BE TEMPERED GLASS APPROVED FOR IMPACT HAZARD.
29. LATHING, PLASTERING AND GYPSUM DRYWALL SHALL CONFORM WITH THE CODES. GYPSUM DRYWALL FASTENERS SHALL BE INSPECTED AND APPROVED BY THE BUILDING DEPARTMENT BEFORE JOINTS ARE TAPED. ALL DRYWALL SHALL BE 5/8" THICK, TYPE "X" 1-HOUR UNLESS OTHERWISE NOTED.
30. MECHANICAL VENTILATION FOR MECHANICAL/UTILITY ROOM SHALL BE AS REQUIRED BY MECHANICAL DRAWINGS.
31. PENETRATIONS OF PLUMBING THROUGH FLOORS SHALL BE SEALED WITH NON-HARDENING SEALANT OR GASKETTING.
32. PAINT ALL GRILLS, VENT SCREENS AND LOUVERS TO MATCH ADJACENT WALL COLOR EXCEPT WHERE OTHERWISE NOTED.
33. PROVIDE ALL NECESSARY BACKING AND FRAMING FOR WALL-MOUNTED ITEMS, LIGHT FIXTURES, INTERIOR AND EXTERIOR SIGNAGE AND ALL OTHER ITEMS REQUIRE SAME.
34. EXIT SIGNS SHALL BE POSTED AT ALL REQUIRED EXITS.
35. FIRE AND SMOKE DAMPERS OR DOORS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE FIRE RATED WALLS OR CEILINGS. SEE MECHANICAL DOCUMENTS. FIRE STOPPING SHALL BE PROVIDED AT ALL PENETRATIONS (PIPES, DUCTS, CONDUITS CABLES AND WIRING NOT IN CONDUITS) AS PER ASTM E 814-94.
36. INTERIOR WALLS AND CEILING FINISHES SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT APPLICABLE CODES.
37. DOORS THAT ARE NOT TAGGED ARE EXISTING TO REMAIN.
38. FIRE DEPARTMENT ACCESS TO ROOFS IN THE EVENT OF A FIRE SHALL NOT BE OBSTRUCTED BY WIRES, RAZOR RIBBON, FENCES, CABLES, AERIALS, ANTENNAS, OR SOLAR PANELS.
39. PROVIDE COLLISION BARRIERS ADEQUATE TO PROTECT CONTROL METERS, REGULATORS, AND PIPING FOR HAZARDOUS MATERIALS THAT ARE EXPOSED TO VEHICULAR DAMAGE.
40. FIRE AND / OR SMOKE DAMPER ASSEMBLIES, INCLUDING SLEEVES, AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO INSTALLATION.
41. ALL INTERIOR FINISHES MUST MEET THE REQUIREMENTS OF TABLE 803.9 OF THE IBC.

BUILDING CODE SUMMARY

CURRENT APPLICABLE VIRGINIA STATE BUILDING CODES

- 2021 International Fire Code (IFC)
- 2021 Virginia Statewide Fire Prevention Code
- 2021 Virginia Energy Conservation Code
- 2021 Virginia Building Code and Fire Code Related Regulations
- 2009 ICC-A117.1 (ADA)
- 2021 Virginia Existing Building Code
- 2021 Virginia Construction Code
- 2021 Virginia Mechanical Code
- 2021 Virginia Plumbing Code
- 2021 Virginia Property Maintenance Code
- 2021 Virginia Fuel Gas Code
- 2020 Virginia Electrical Code

NAME OF PROJECT: FASmart STORE #3516 - RENOVATION/ ADDITION

ADDRESS: 1248 CROZET AVE. CROZET, VA 22932

ZIP CODE: 22932

PROPOSED USE:MERCANTILE (M)

OWNER : GPM INVESTMENTS

PHONE #: (804) 730-1568

OWNED BY: ☐ City / County ☒ Private ☐ State

CODE ENFORCEMENT JURISDICTION:☒ City CROZET ☒ County ALBERMARLE ☐ State

LEAD DESIGN PROFESSIONAL: MATTHEW T. RAGONA

DESIGNER	FIRM	NAME	LICENSE#	TELEPHONE #	EMAIL
ARCHITECTURAL	Ragona Architecture & Design	Matthew T. Ragona	401017254	704-372-0116	mragona@rad-arch.com
CIVIL	-	-	-	-	-
ELECTRICAL	Wave Engineering	Brandon Dillard	0402057425	980-256-7728	info@wave-engineering.com
FIRE ALARM	-	-	-	-	-
PLUMBING	Wave Engineering	Brandon Dillard	0402057425	980-256-7728	info@wave-engineering.com
MECHANICAL	Wave Engineering	Brandon Dillard	0402057425	980-256-7728	info@wave-engineering.com
SPRINKLER - STANDPIPE	-	-	-	-	-
STRUCTURAL	-	-	-	-	-
RETAINING WALLS > 5' HIGH	-	-	-	-	-
LANDSCAPE	-	-	-	-	-
TELECOM	-	-	-	-	-
EQUIPMENT	-	-	-	-	-
OTHER	-	-	-	-	-

2021 IBC CODE EDITION FOR: ☐ New Construction ☐ Addition ☐ Upfit

EXISTING: ☐ Reconstruction ☐ Alteration ☐ Repair ☒ Renovation

BASIC BUILDING DATA:

Construction Type: ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
(check all that apply) ☐ I-B ☐ II-B ☐ III-B ☒ V-B

Sprinklers: ☐ No ☐ Partial ☒ Yes

Gross Building Area: 3,352 SF
Mezzanine Area: 680 SF

Occupancy: ALLOWABLE AREA

- Assembly: ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
- Business: ☐
- Educational: ☐
- Factory: ☐ F-1 Moderate ☐ F-2 Low
- Hazardous: ☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
- Institutional: ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
- I-3 Condition: ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
- Mercantile: ☒
- Residential: ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
- Storage: ☐ S-1 Moderate ☐ S-2 Low ☐ High-piled
- ☐ Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage
- Utility and Miscellaneous: ☐

Mixed Occupancy / Use: ☐ No ☒ Yes Separation: 0 Hr Exception:

- ☐ **Incidental Use Separation**
This separation is not exempt as a Non-Separated Use (see exceptions).
- ☒ **Non-Separated Use** - See below for highlighted area indicated the most restrictive occupancy if applicable.
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
- ☐ **Separated Use** - See below for area calculations if applicable.
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1. If applicable to this project, provide a key plan with all occupancies identified with square footage.

ACCESSORY USES:
BUSINESS (B) = OFFICES
STORAGE (S-1) = STORAGE

NOTE: Mezzanines do not contribute to either the building area or number of stories.

- (1) Frontage area increases: Use frontage increase? _____
- a. Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
- b. Total Building Perimeter = _____ (P)
- c. Ratio (F/P) = _____ (F/P)
- d. W = Minimum width of public way = _____ (W)
- e. Percent of frontage increase: If = 100 [F/P - 0.25] x W/30 = _____ (%)
- (2) The sprinkler increase:
- a. Multi-story building Is = 200 percent; Does this building have fire sprinklers? _____
- b. Single story building Is = 300 percent; Is this building single story? _____

ALLOWABLE HEIGHT				
	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Type: V-B	☒ Yes ☐ No	Type: V-B	503
Building Height in Feet	60' - 0"	Feet = H + 20' = 80' - 0"	45' - 6"	504.3
Building Height in Stories	2	Stories + 1 = 3	1	504.4

FIRE PROTECTION REQUIREMENTS								
BUILDING ELEMENT	APPLICABLE	FIRE SEPARATION DISTANCE (FEET)	RATING		DETAIL #(*2) AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATIO N	DESIGN # FOR RATED JOINTS
			REQ'D	PROVIDED (W/ (+) REDUCTION)				
Structural Frame, including columns, girders, trusses	☒	N/A	0 Hr	-	-	-	-	-
		N/A	-	-	-	-	-	-
		N/A	-	-	-	-	-	-
Bearing Walls Exterior								
North	☒	30' - 0"	0 Hr	-	-	-	-	-
East	☒	30' - 0"	0 Hr	-	-	-	-	-
West	☒	30' - 0"	0 Hr	-	-	-	-	-
South	☒	30' - 0"	0 Hr	-	-	-	-	-
Bearing Walls Interior	☒	N/A	0 Hr	-	-	-	-	-
		N/A	-	-	-	-	-	-
		N/A	-	-	-	-	-	-
Nonbearing Walls Exterior								
North	☒	30' - 0"	0 Hr	-	-	-	-	-
East	☒	30' - 0"	0 Hr	-	-	-	-	-
West	☒	30' - 0"	0 Hr	-	-	-	-	-
South	☒	30' - 0"	0 Hr	-	-	-	-	-
Interior walls & partitions	☒	N/A	0 Hr	-	-	-	-	-
Floor Construction	☒	N/A	0 Hr	-	-	-	-	-
Including supporting beams and joists		N/A	-	-	-	-	-	-
		N/A	-	-	-	-	-	-
Roof Construction	☒	N/A	0 Hr	-	-	-	-	-
Including supporting beams and joists		N/A	-	-	-	-	-	-
Shaft Enclosures - Exit	☒	N/A	-	-	-	-	-	-
Shaft Enclosures - Other	☒	N/A	-	-	-	-	-	-
		N/A	-	-	-	-	-	-
Corridor Separation	☒	N/A	-	-	-	-	-	-
Occupancy Separation	☒	N/A	-	-	-	-	-	-
Party/Fire Wall Separation	☒	N/A	-	-	-	-	-	-
Smoke Barrier Separation	☒	N/A	-	-	-	-	-	-
Tenant Separation	☒	N/A	-	-	-	-	-	-
Incidental Use Separation	☒	N/A	-	-	-	-	-	-
		N/A	-	-	-	-	-	-

(*1) Indicate section number permitting reduction
(*2) Detail#s are indicated in the Design# columns and on this sheet for UL Design and Calculated Fire Resistance Details
(*3) Refer to the Underwriter's Laboratory (UL) published approved details for reference.

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ☐ No ☒ Yes
Exit Signs: ☐ No ☒ Yes
Fire Alarm: ☒ No ☐ Yes
Smoke Detection Systems: ☐ No ☒ Yes ☐ Partial
Panic Hardware: ☒ No ☐ Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #s: G201

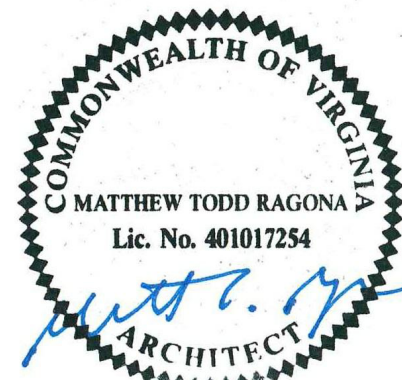
- ☒ Fire and/or smoke rated wall locations
- ☐ Assumed and real property line locations
- ☐ Exterior wall opening area with respect to distance to assumed property lines
- ☐ Existing structures within 30' of the proposed building
- ☒ Occupancy types for each area as it relates to occupant load calculations
- ☒ Occupant loads for each area
- ☒ Exit access travel distance
- ☐ Common path of travel distance
- ☐ Dead end lengths
- ☒ Clear exit widths for each exit door
- ☒ Maximum calculated occupant load capacity each exit door can accommodate based on egress width
- ☒ Actual occupant load for each exit door
- ☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
- ☒ Location of doors with panic hardware
- ☐ Location of doors with delayed egress locks and the amount of delay
- ☐ Location of doors with electromagnetic egress locks
- ☐ Location of doors equipped with hold-open devices
- ☐ Location of emergency escape windows
- ☒ The square footage of each fire area
- ☐ The square footage of each smoke compartment
- ☐ Note any code exceptions or table notes that may have been utilized regarding the items above

PLUMBING FIXTURE REQUIREMENTS									
Classification (Plumbing)	Occupant Load	MF Split	WATER CLOSET		LAVATORIES		Bathtubs / Showers	Drinking Fountains*	Service Sinks
			Male	Female	Male	Female			
TOTAL REQUIRED			1	1	1	1	0	0	1
TOTAL PROVIDED			1	1	1	1	0	0	1

* WATER AVAILABLE TO PUBLIC AT SODA FOUNTAIN MACHINE, DRINKING FOUNTAINS NOT REQUIRED



Ragona Architecture & Design, PLLC
5500 Seventy-Seven Center Drive, Suite 150
Charlotte, NC 28217
T: 704.372.0116 www.rad-arch.com



03.24.25



RENOVATION OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

CODE SUMMARY & GENERAL NOTES

SHEET NUMBER

G101

RENOVATION
OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

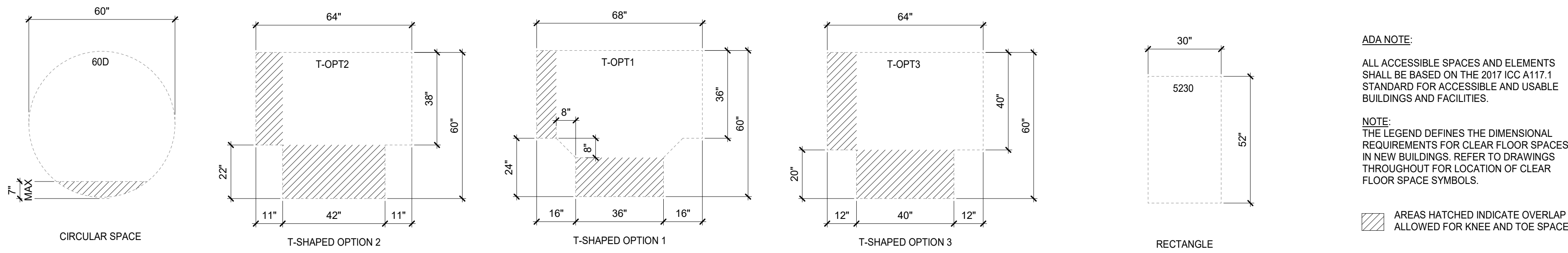
Revisions		
#	Date	Description

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

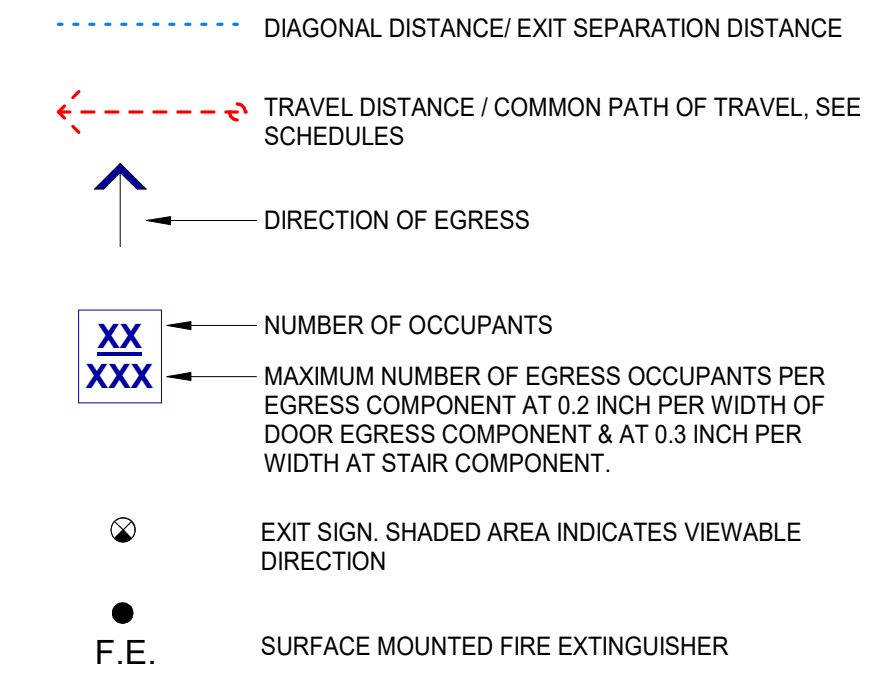
DRAWING TITLE
LIFE SAFETY

SHEET NUMBER
G201

ICC A117.1 CLEAR FLOOR SPACE LEGEND



LIFE SAFETY PLAN LEGEND



LIFE SAFETY PLAN NOTES

- GENERAL CONTRACTOR TO VERIFY THAT FIRE EXTINGUISHERS ARE LOCATED WITHIN A MAXIMUM TRAVEL DISTANCE OF 75'-0" AND ARE OF THE CORRECT TYPE AS DETERMINED BY THE FIRE MARSHAL.
- (1) TYPE K FIRE EXTINGUISHER AND TWO (2) ABC FIRE EXTINGUISHERS PROVIDED. FIELD VERIFY FINAL LOCATIONS WITH FIRE MARSHAL.
- PLACE KNOW BOX AT A LOCATION DIRECTED BY THE LOCAL FIRE MARSHAL.

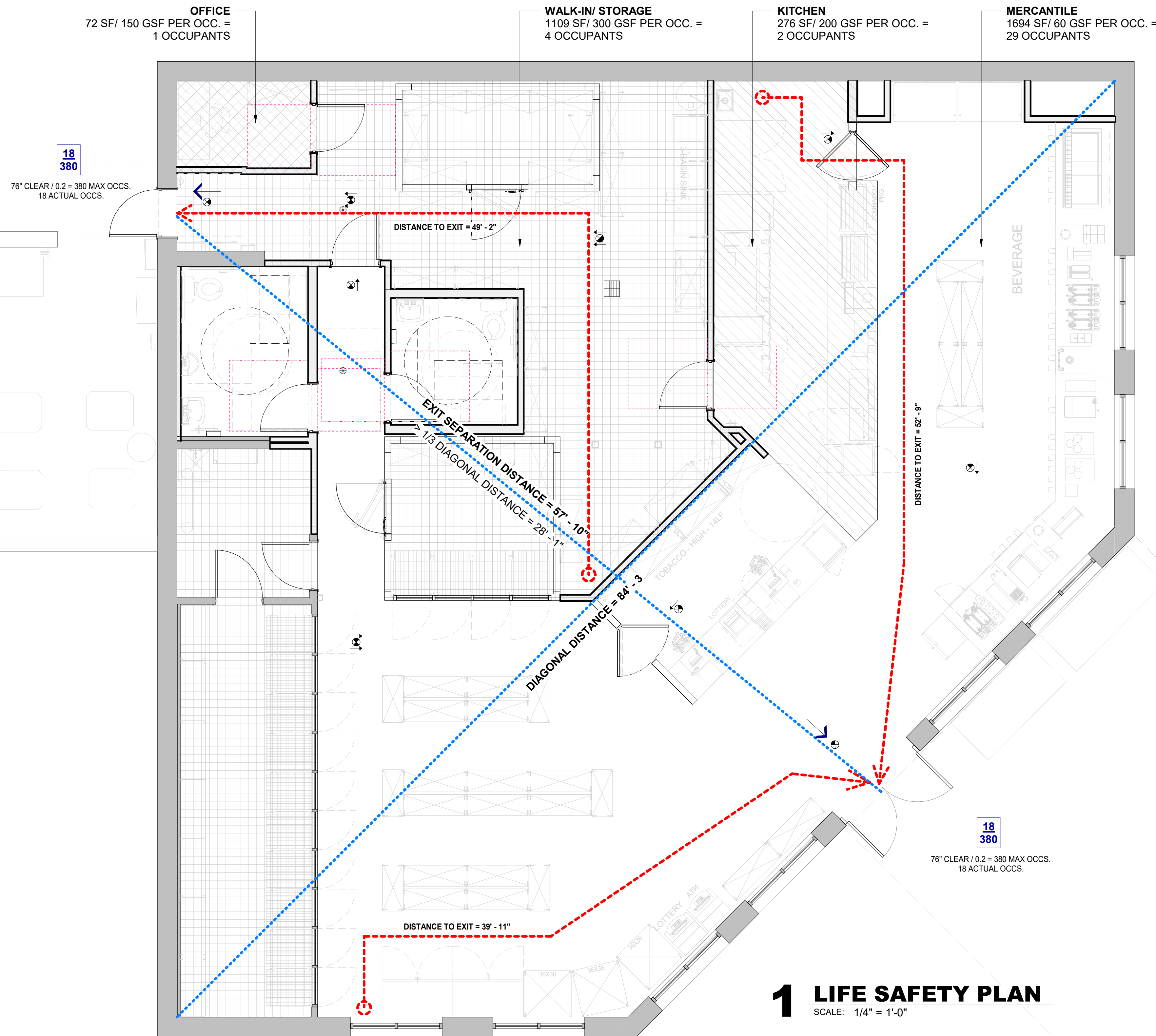
OCCUPANCY LEGEND

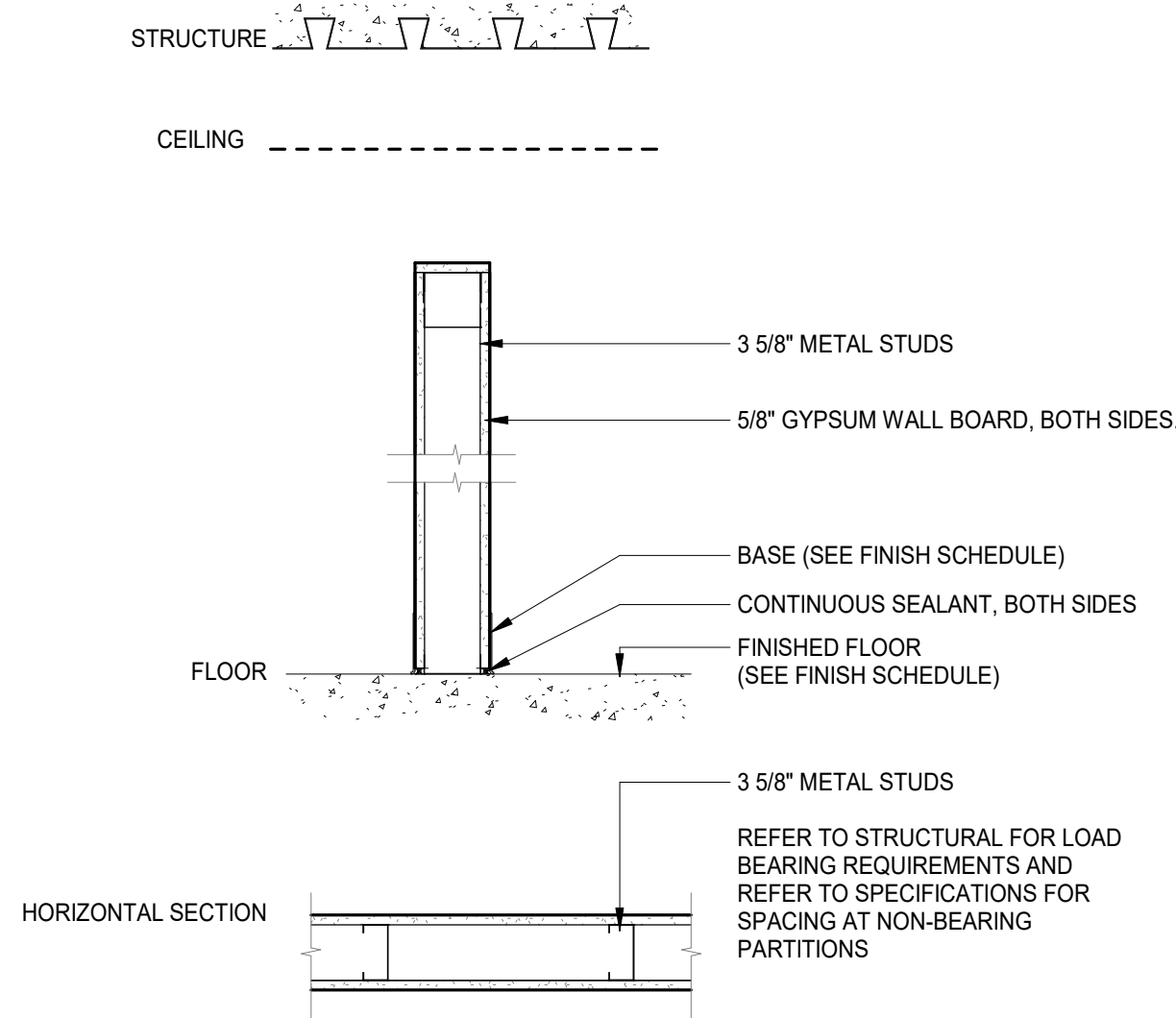
1/060	MERCANTILE/ SALES	1/200	KITCHEN/ PREP
1/150	BUSINESS/ OFFICE	1/300	WALK-IN/ STORAGE

OCCUPANT/ EXIT LOAD CALCS.

OCCUPANCY	SF	SF PER OCC	TOTAL OCCS.
STORAGE	1109 SF	300 GSF PER OCC.	= 04 OCCS.
MERCANTILE	1694 SF	60 PER OCC.	= 29 OCCS.
KITCHEN	276 SF	200 PER OCC.	= 2 OCCS.
TOILET ROOMS	201 SF	00 SF PER OCC	= 00 OCCS.
OFFICE	72 SF	150 GSF PER OCC.	= 01 OCCS.
TOTALS	3,352 GSF		= 36.0 OCCS.
EXIT	OCC. LOAD		
EXIT 1	18 OCCS.		
EXIT 2	18 OCCS.		
TOTALS	36 OCCS.		

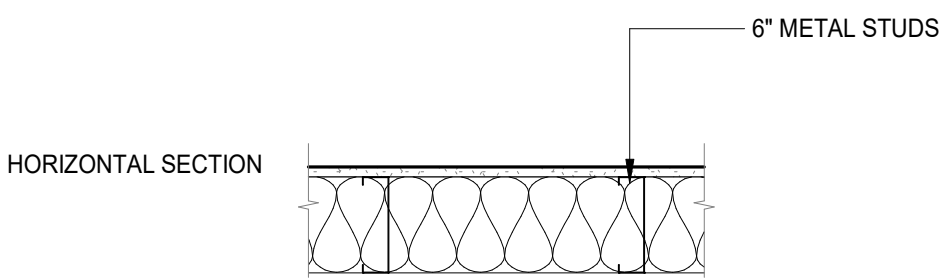
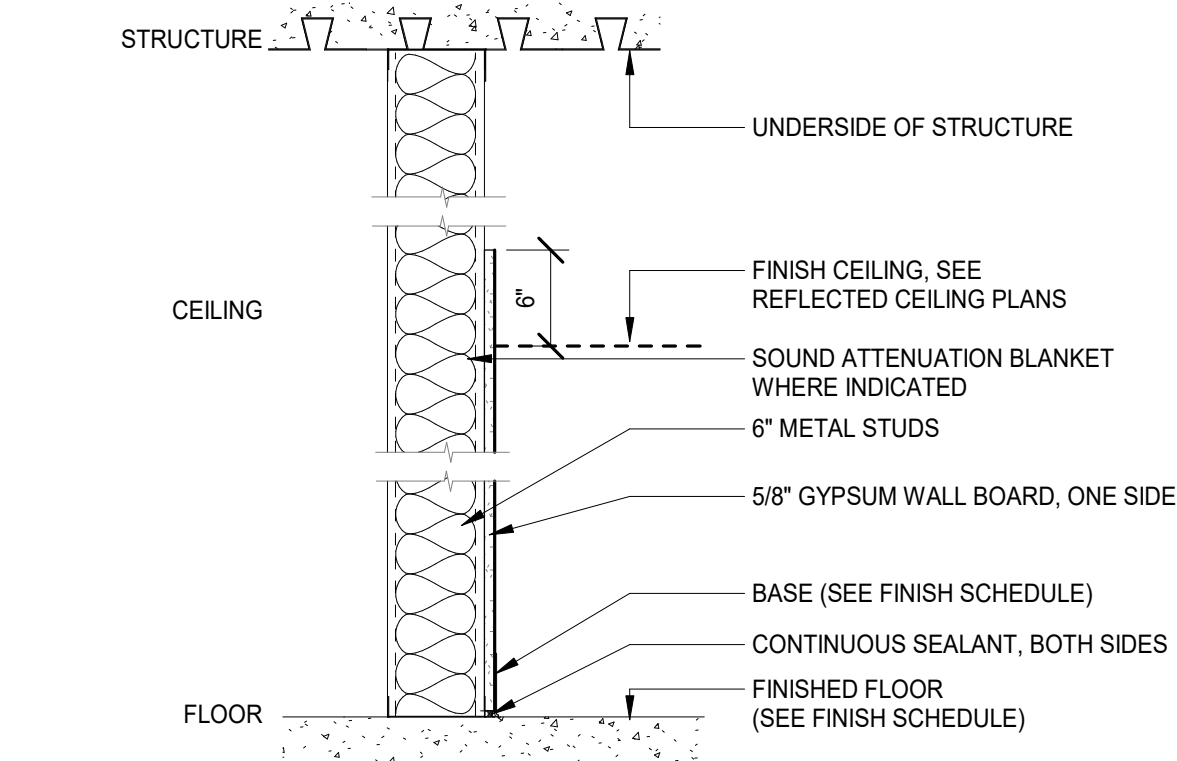
1 LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"





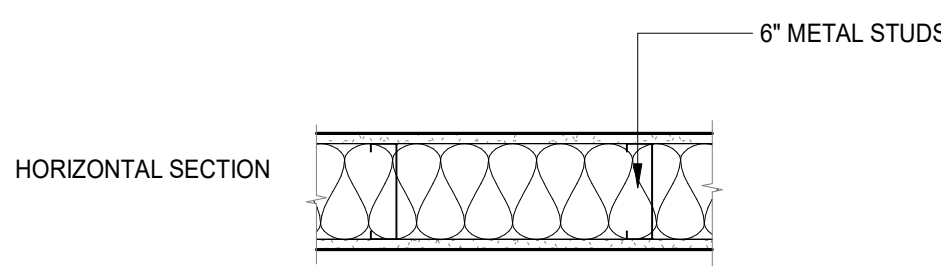
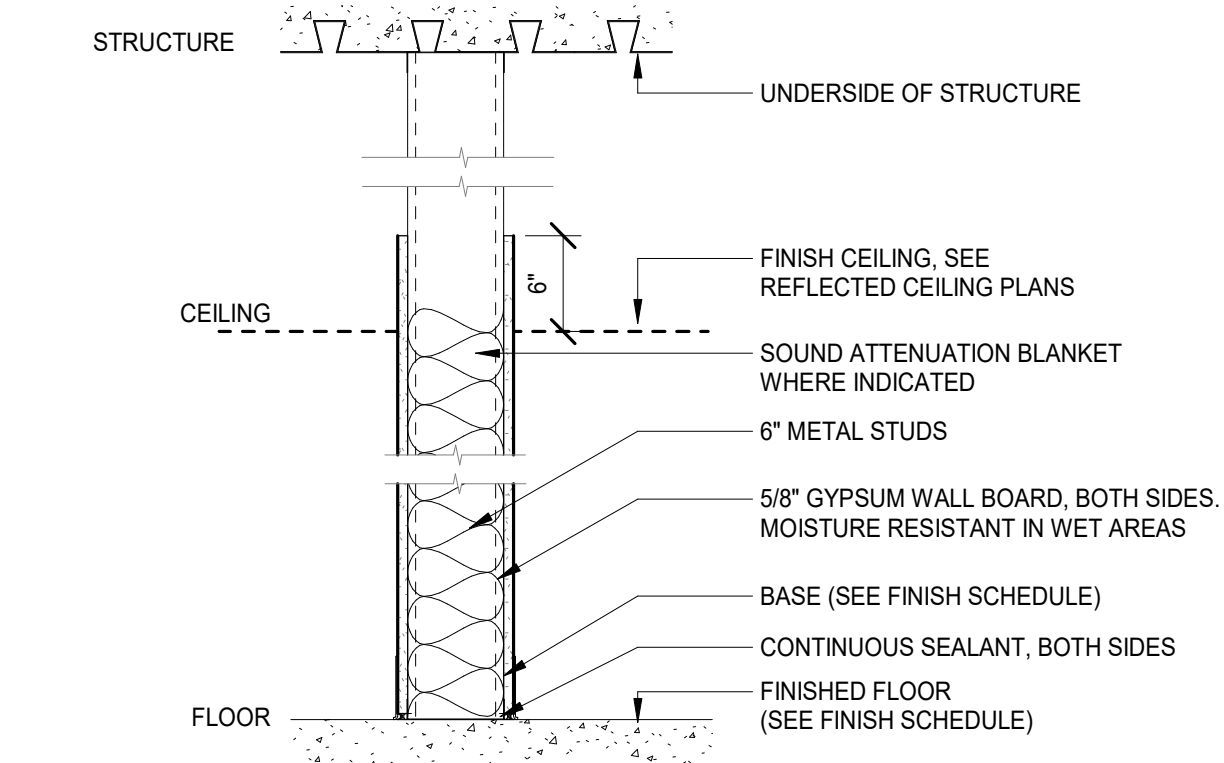
PARTITION TYPE 'S6'

3 5/8" METAL STUDS HALF HEIGHT - SEE PLAN FOR HEIGHT



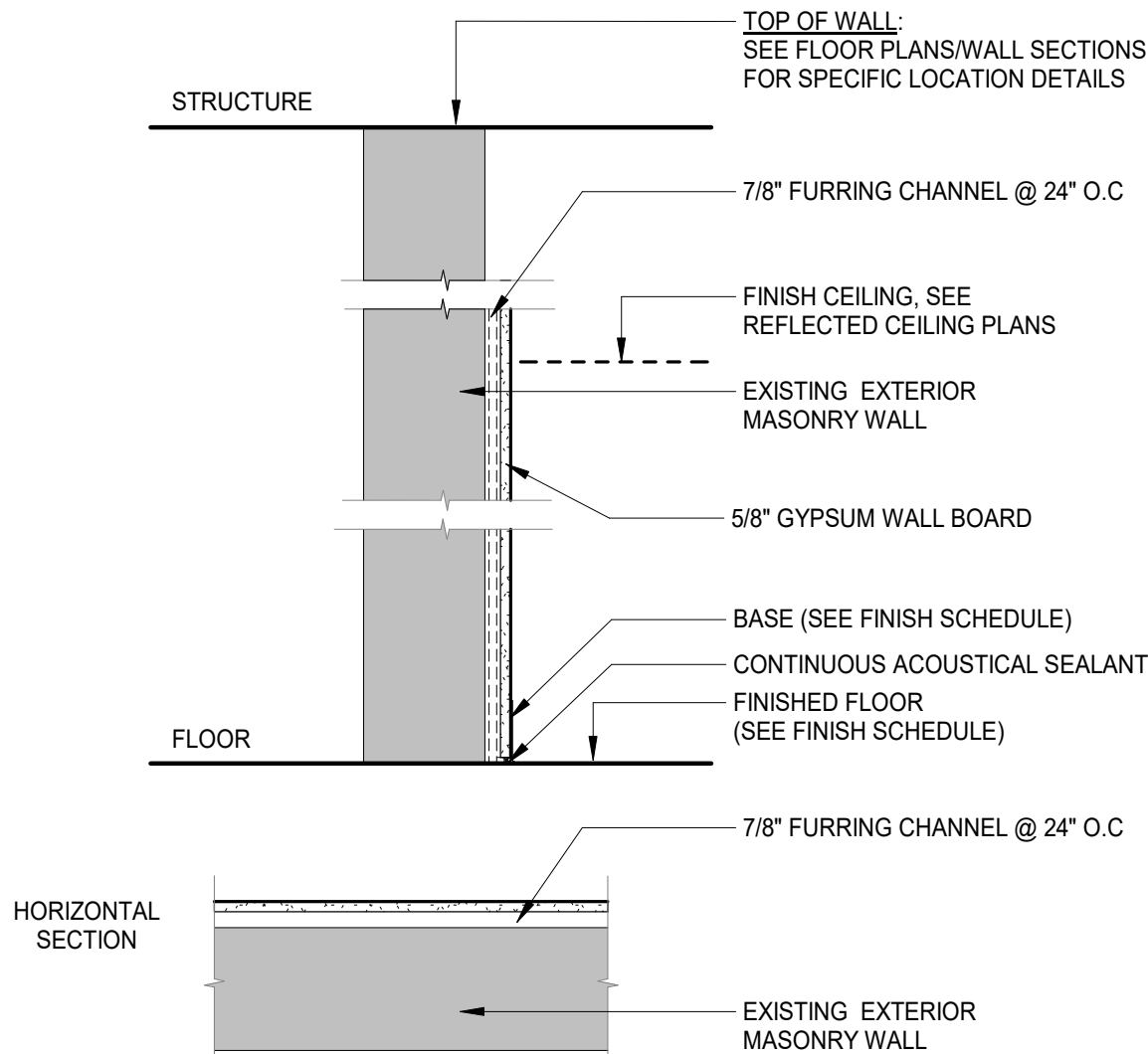
PARTITION TYPE 'S4'

6" METAL STUDS FROM FLOOR SLAB TO ROOF DECK
SEE PLAN FOR INSULATION REQUIREMENTS



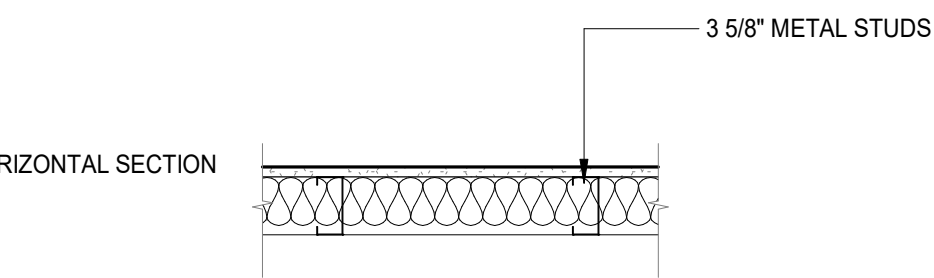
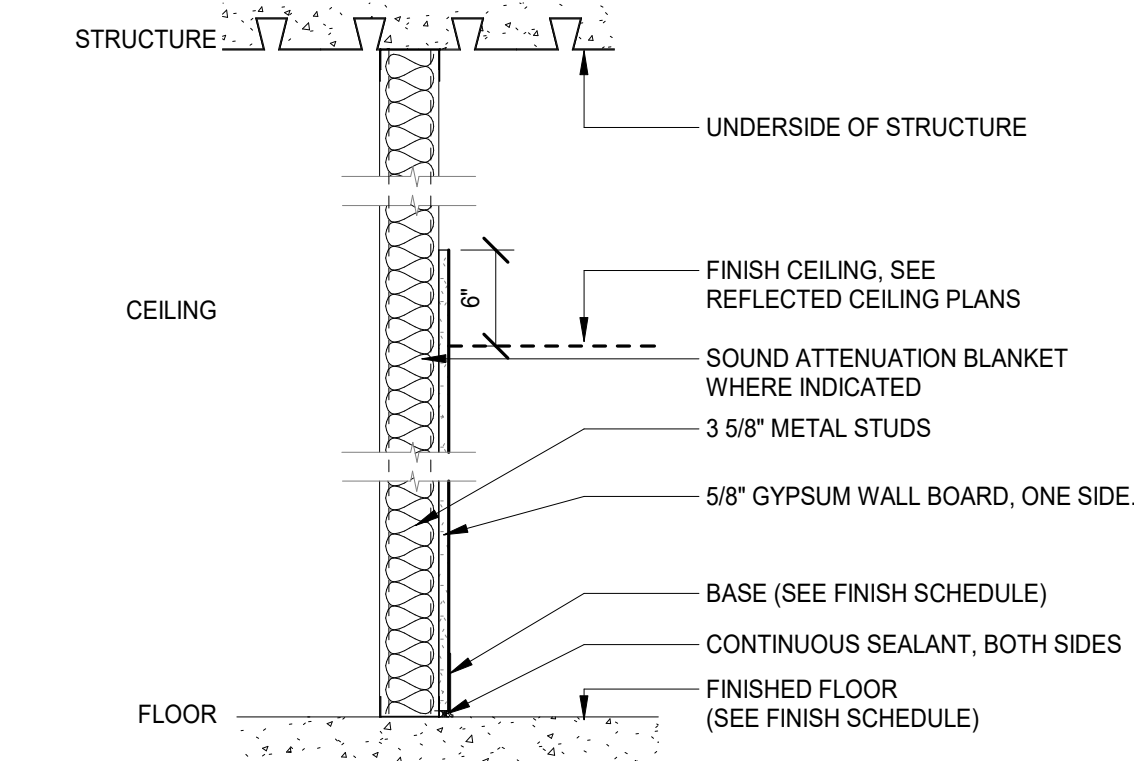
PARTITION TYPE 'S2'

6" METAL STUDS FROM FLOOR SLAB TO ROOF DECK
SEE PLAN FOR INSULATION REQUIREMENTS



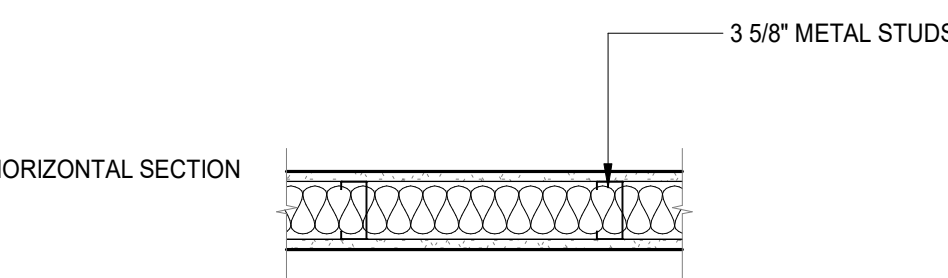
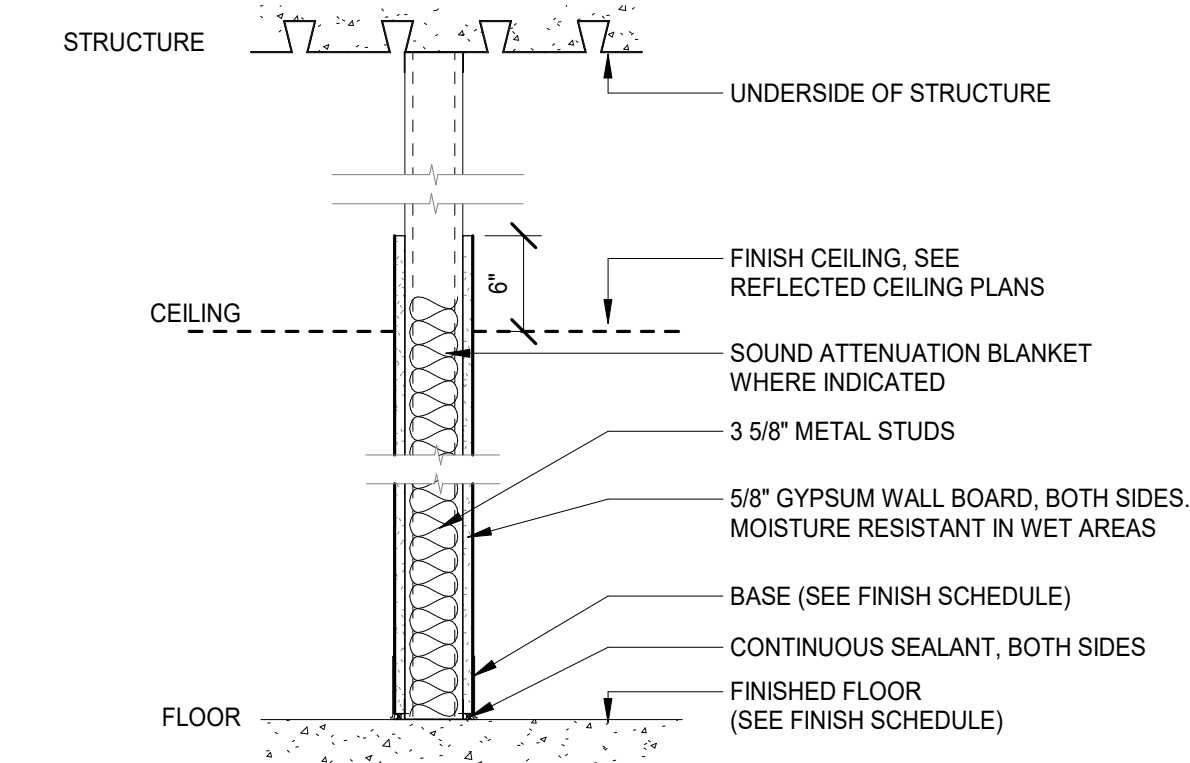
PARTITION TYPE 'S5'

7/8" FURRING CHANNEL FROM FLOOR TO 8" ABOVE CEILING



PARTITION TYPE 'S3'

3 5/8" METAL STUDS FROM FLOOR SLAB TO ROOF DECK
SEE PLAN FOR INSULATION REQUIREMENTS



PARTITION TYPE 'S1'

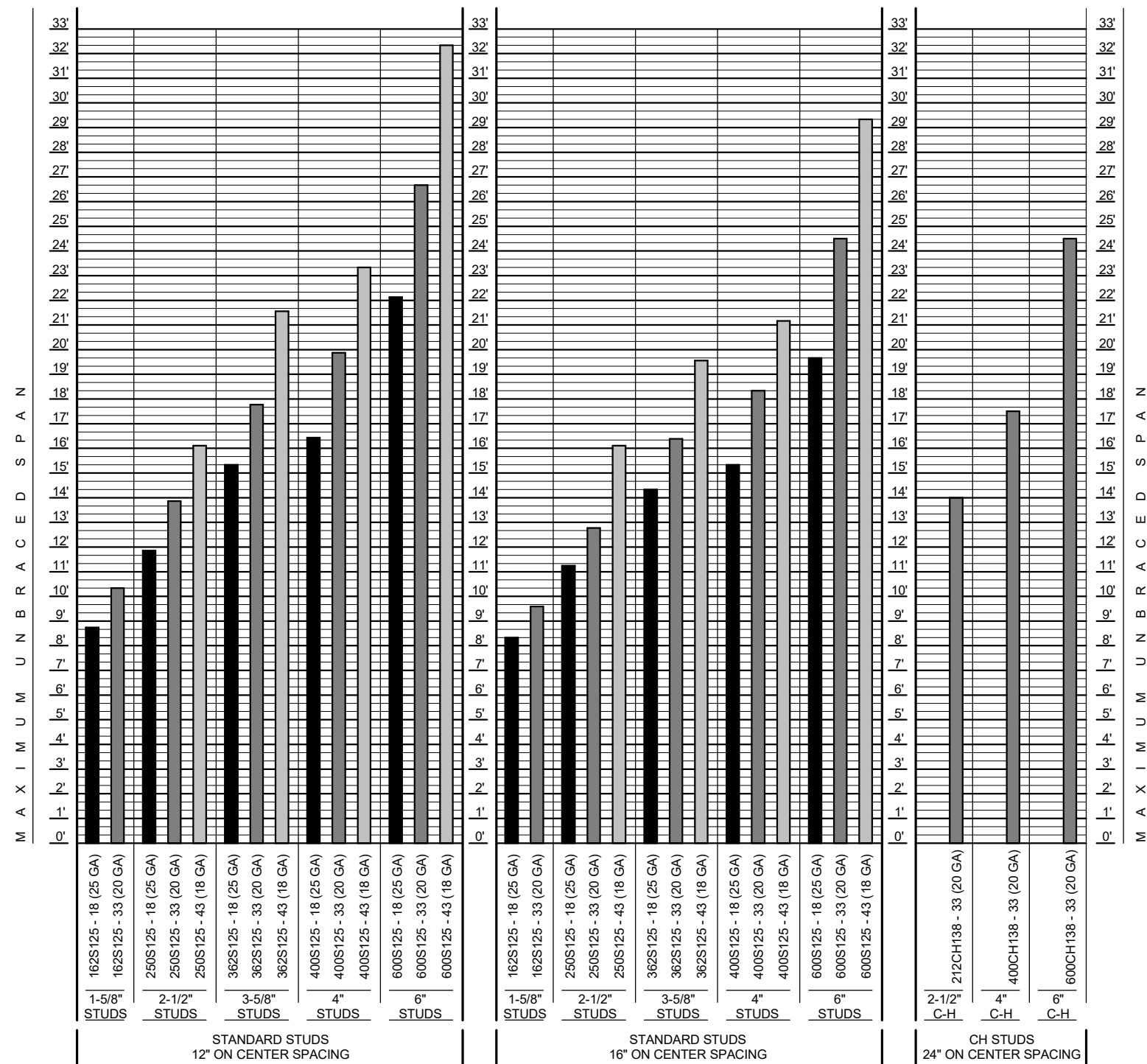
3 5/8" METAL STUDS FROM FLOOR SLAB TO ROOF DECK
SEE PLAN FOR INSULATION REQUIREMENTS

INTERIOR PARTITION METAL STUD SPAN CHART FOR BRACING

INTERIOR PARTITION METAL STUD SPAN CHART

This data is based on ASTM C-754-15 STANDARD SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW-ATTACHED GYPSUM PRODUCTS for the purpose of limiting the heights of unbraced partitions. The use of this data is set to Maximum height standard for each partition.

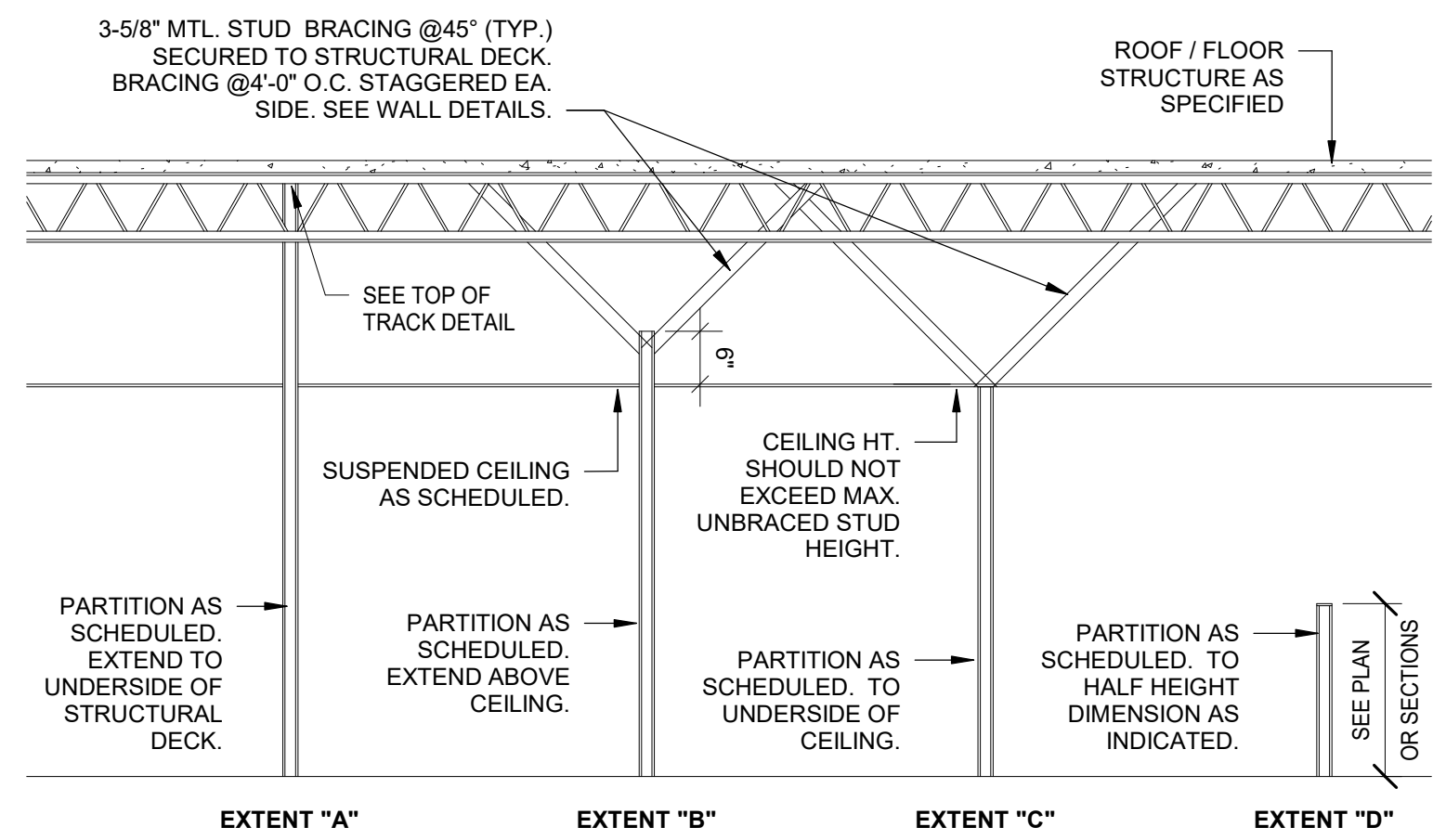
(Calculated at 5 PSF Lateral Load and L/240 Deflection and one layer of 5/8" Gypsum Board each side of stud.)



NOTES:

- Maximum Unbraced Span is defined as the total distance between the top of finished floor and the underside of structural deck or appropriate lateral brace. See lateral bracing diagram.
- These spans are calculated for one layer of gypsum board on each side of a metal stud partition. These Maximum Unbraced Spans must be reduced by 2'-0" if only one side of 5/8" gypsum board is used.
- Suspended ceilings of any kind are not to be considered appropriate lateral bracing for any partition construction and shall reduce the measurement of unbraced span.
- In no case shall the Maximum Unbraced Spans exceed the requirements of ASTM C-754.

TYPICAL PARTITION HEIGHTS & BRACING



INTERIOR PARTITION TYPE NOTES

- UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE TO FACE OF GYPSUM WALL BOARD FINISH, FACE OF MASONRY, OR FACE OF CONCRETE.
- PROVIDE FIRE TREATED WD BLOCKING FOR ALL WALL-MOUNTED ITEMS IN STEEL STUD WALLS INCLUDING, BUT NOT LIMITED TO ARCHITECTURAL WOODWORK, FINISH CARPENTRY, RAILINGS, HARDWARE, AT DOOR STOPS, TOILET AND BATH ACCESSORIES, AND SIMILAR MOUNTED ITEMS.
- FOR ALL RATED WALLS THAT GO ABOVE THE CEILING STENCIL THE FOLLOWING NOTE AT THE PLENUM SPACE ON BOTH SIDES OF THE RATED WALL WITH PERMANENT PAINT "1-HR. PROTECT ALL OPENINGS BOTH SIDES OF WALL". NOTE SHOULD BE LOCATED AS NECESSARY FOR CLEAR VISIBILITY AND 12-FEET ON CENTER MAXIMUM ALONG RATED WALL WITH 2-INCH HIGH LETTERS.
- SEE UL DESIGN DETAIL SHEETS FOR UL DESIGN AND CALCULATED FIRE RESISTANCE INFORMATION.
- AT SMOKE RESISTANT PARTITIONS, SEAL PARTITIONS TIGHT TO UNDERSIDE OF DECK, TO FLOOR, AND SEAL ALL PENETRATIONS AND VOIDS (RATING NOT REQUIRED).
- INTERSECTING PARTITIONS SHALL BE CONSTRUCTED SO THAT THE HIGHER PRIORITY PARTITION IS CONSTRUCTED FIRST, CONTINUOUS, AND ABUTTED BY THE LOWER PRIORITY PARTITION. THE FOLLOWING PARTITION PRIORITIES ARE LISTED FROM HIGHEST TO LOWEST. SEE PLAN DETAILS AND PARTITION TYPE DETAILS FOR ADDITIONAL INFORMATION.
- AT ALL INTERIOR NON-BEARING METAL STUD PARTITION WALLS, HOLD STUD A MINIMUM OF 1/2-INCH SHORT AT TOP RUNNER TRACK AND PROVIDE SLIDE CONNECTION AS DETAILED ON A600 TO ALLOW FOR STRUCTURE DEFLECTION.
- PARTITION TYPES WITHIN TOILET ROOMS AND OTHER WET AREAS (AS INDICATED IN PLAN) SHALL HAVE 5/8-INCH CEMENTITIOUS BACKER BOARD AT ALL LOCATIONS AND SHALL HAVE 5/8-INCH MOISTURE RESISTANT GYPSUM WALL BOARD IN LIEU OF 5/8-INCH GYPSUM WALL BOARD INDICATED IN THE PARTITION TYPE DETAILS. PROVIDE TYPE "X" WHERE FIRE RATINGS ARE REQUIRED.

03.24.25

RENOVATION OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

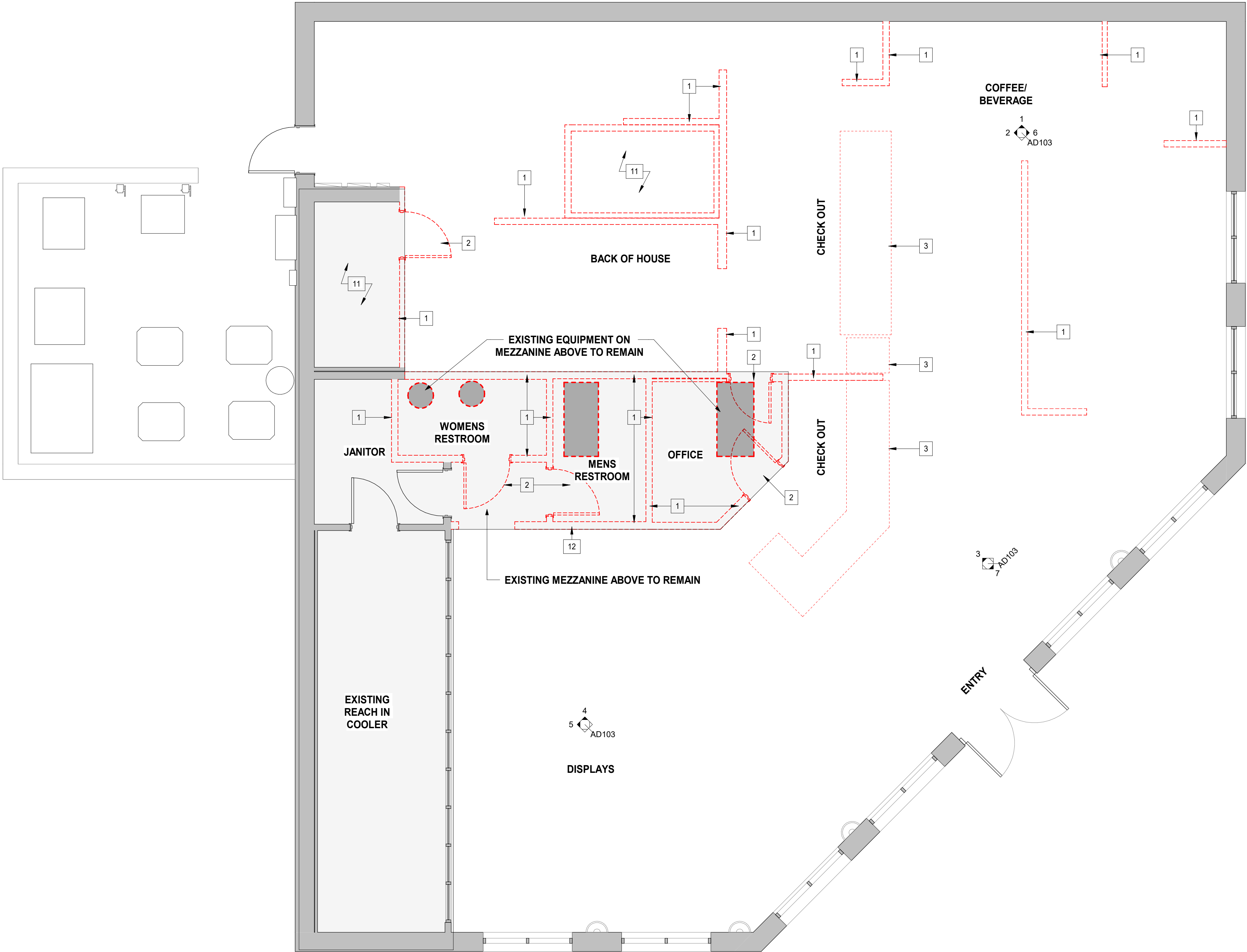
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

GENERAL NOTES & PARTITION TYPES

SHEET NUMBER

G301



1 DEMO FLOOR PLAN
SCALE: 1/4" = 1'-0"

DEMOLITION LEGEND

	EXISTING WALL / PARTITION TO REMAIN		EXISTING WALL / PARTITION / EQUIPMENT AND ASSOCIATED COMPONENTS TO BE REMOVED
	EXISTING DOOR & HARDWARE TO REMAIN. VERIFY IN GOOD WORKING ORDER		EXISTING DOOR AND FRAME TO BE REMOVED
	EXISTING 2X2 ACOUSTICAL TILE PANELS AND CEILING GRID TO BE REMOVED.		
	EXISTING 2X4 ACOUSTICAL TILE PANELS AND CEILING GRID TO BE REMOVED.		
	EXISTING LIGHT, MECHANICAL DIFFUSER, OR MECHANICAL SUPPLY GRILLE TO BE REMOVED. SALVAGE UNDAMAGED COMPONENTS AND RETURN TO THE OWNER FOR STOCK SUPPLY.		
	EXISTING MEZZANINE AND MECHANICAL EQUIPMENT TO REMAIN		

KEYED DEMOLITION NOTES

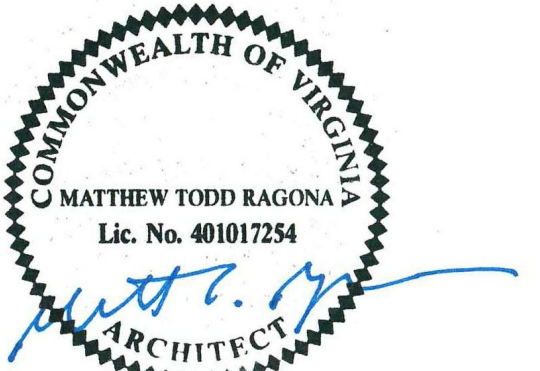
- 01 REMOVE EXISTING INTERIOR PARTITION
- 02 REMOVE EXISTING DOOR / FRAME AND / OR WINDOW FRAME.
- 03 REMOVE EXISTING MILLWORK & ANY WALLS ASSOCIATED W/ THE MILLWORK
- 04 REMOVE EXISTING FLOOR FINISH. CONCRETE SLAB TO REMAIN. GRIND SLAB AS REQUIRED TO REMOVED ADHESIVE, ETC.
- 05 REMOVE EXISTING CEILING INCLUDING EXISTING RETURN AND SUPPLY GRILLES
- 06 REMOVE EXISTING LIGHT FIXTURE
- 07 REPLACE ALL EXISTING CEILING FIXTURES WITH NEW FIXTURES, EXCEPT SPRINKLERS. ALL SPRINKLERS TO REMAIN.
- 08 REMOVE EXISTING STOREFRONT, FRAMING, AND MASONRY WALL IN ITS ENTIRETY.
- 09 REMOVE EXISTING SIGNAGE IN ITS ENTIRETY.
- 10 REMOVE EXISTING HOOD IN ITS ENTIRETY.
- 11 REMOVE EXISTING WALK-IN COOLER/ FREEZER
- 12 EXISTING MECHANICAL MEZZANINE TO REMAIN. SUPPORTING STRUCTURE UNDER MEZZANINE, WHETHER COLUMNS OR LOAD BEARING WALLS, TO REMAIN. IF A STRUCTURAL WALL HAS BEEN MARKED FOR DEMOLITION, CONTACT DESIGN TEAM BEFORE DEMOLISHING THE WALL.

DEMOLITION GENERAL NOTES

- DEMOLITION PLAN SHOWS APPROXIMATE LAYOUT OF EXISTING BUILDING AND IS NOT INTENDED TO REPRESENT "AS-BUILT" CONDITIONS.
- PRIOR TO ANY DEMOLITION WORK, CONTRACTOR MUST FIELD VERIFY ALL EXISTING MECHANICAL, PLUMBING AND ELECTRICAL WORK LOCATED IN THE SCOPE OF WORK SPACE WHICH AFFECTS THE ADJACENT SPACES. THE BUILDING OWNER AND ADJACENT SPACE OCCUPANTS MUST BE NOTIFIED PRIOR TO SHUTDOWN OF ANY SHARED MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS.
- WALLS, PARTITIONS, DOORS, FRAMES, AND OTHER ITEMS TO BE REMOVED ARE SHOWN DASHED. SERVICES WITHIN WALLS AND PARTITIONS SHALL ALSO BE REMOVED. EDGES OF WALLS SHOWN TO REMAIN SHALL BE SAWCUT OR CLEANLY TOOTHED TO ACCEPT NEW CONSTRUCTION. REPAIR AND PATCH EXISTING WALLS SHOWN TO REMAIN WHERE INTERSECTING WALLS, DOORS, FRAMES, ETC. ARE SHOWN TO BE REMOVED AND WHERE EXISTING CONSTRUCTION WILL NOW BE EXPOSED IN THE NEW CONSTRUCTION.
- EXISTING CONSTRUCTION SHOWN TO REMAIN INCLUDING BUT NOT LIMITED TO WALLS, PARTITIONS, DOORS, FRAMES, ETC. SHALL BE PROTECTED DURING DEMOLITION. DAMAGE TO EXISTING CONSTRUCTION SHOWN TO REMAIN SHALL BE RESTORED TO MATCH PRE-DAMAGED CONDITION.
- PROTECT FROM DAMAGE ALL EXISTING FINISH WORK TO REMAIN IN PLACE AND WHICH BECOMES EXPOSED DURING DEMOLITION OPERATIONS.
- PROVIDE ALL NECESSARY SHORING, BRACING, AND SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF STRUCTURE OR ELEMENT TO BE DEMOLISHED, AND ADJACENT STRUCTURE OR ELEMENT SHOWN TO REMAIN. SHORING AND BRACING SHALL BE DESIGNED BY CONTRACTOR'S PROFESSIONAL ENGINEER LICENSED IN THE APPLICABLE JURISDICTION.
- PROVIDE TEMPORARY WEATHER PROTECTION AND SECURITY DEVICES DURING INTERVAL BETWEEN DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND INSTALLATION OF NEW CONSTRUCTION TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO STRUCTURE OR TO INTERIOR AREAS OF EXISTING BUILDING.
- WHERE FINISHES ARE SHOWN TO BE REMOVED FROM EXISTING CONSTRUCTION, REPAIR AND PATCH REMAINING SUBSTRATE AND PREPARE FOR NEW FINISH. REPAIR AND PATCH ALL REMAINING SUBSTRATES THAT WERE ORIGINALLY CONCEALED BY EXISTING FINISHES, BUT WILL NOW BE EXPOSED IN THE NEW CONSTRUCTION.
- SALVAGE MATERIAL AS REQUIRED FOR PATCHING AND INFILL (SEE DRAWINGS FOR NEW WORK). SALVAGE MATERIAL SHALL BE CLEANED AND STORED IN AREAS AWAY FROM THE DEMOLITION OR UNTIL NEEDED.
- EXISTING FLOOR TO BE CLEANED, SMOOTHED, FLATTENED & PREPARED TO ACCEPT FLOOR FINISHES AS NOTED. DO NOT CHIP OR CRACK THE EXISTING CONCRETE DURING REMOVAL OF EXISTING FLOOR FINISHES.
- SEE STRUCTURAL DRAWINGS FOR REQUIRED TEMPORARY SHORING AT NEW OPENINGS.
- CONSULT WITH OWNER ON WHETHER TO SALVAGE ANY ITEMS IE: DOORS, OVERHEAD DOORS, EQUIPMENT, ETC. PRIOR TO DEMOLITION.



Ragona Architecture & Design, PLLC
5500 Seventy-Seven Center Drive, Suite 150
Charlotte, NC 28217
T: 704.372.0116 www.rad-arch.com



03.24.25



RENOVATION OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

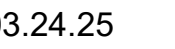
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

DEMO FLOOR PLAN

SHEET NUMBER

AD101



1248 CROZET AVE.
CROZET, VA 22932

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

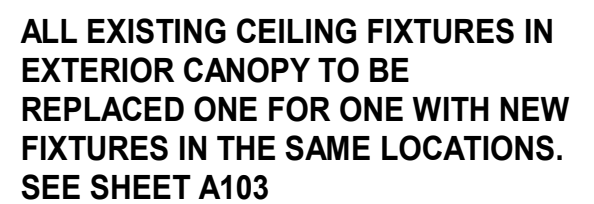
DEMO REFLECTED CEILING PLAN

AD102

EXISTING MEZZANINE AND
MECHANICAL EQUIPMENT TO REMAIN

01	REMOVE EXISTING INTERIOR PARTITION
02	REMOVE EXISTING DOOR / FRAME AND / OR WINDOW FRAME.
03	REMOVE EXISTING MILLWORK & ANY WALLS ASSOCIATED W/ THE MILLWORK
04	REMOVE EXISTING FLOOR FINISH. CONCRETE SLAB TO REMAIN. GRIND SLAB AS REQUIRED TO REMOVED ADHESIVE, ETC.
05	REMOVE EXISTING CEILING INCLUDING EXISTING RETURN AND SUPPLY GRILLES
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08	REMOVE EXISTING STOREFRONT, FRAMING, AND MASONRY WALL IN ITS ENTIRETY.
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11	REMOVE EXISTING WALK-IN COOLER/ FREEZER
12	EXISTING MECHANICAL MEZZANINE TO REMAIN. SUPPORTING STRUCTURE UNDER MEZZANINE, WHETHER COLUMNS OR LOAD BEARING WALLS, TO REMAIN. IF A STRUCTURAL WALL HAS BEEN MARKED FOR DEMOLITION, CONTACT DESIGN TEAM BEFORE DEMOLISHING THE WALL.

1. DEMOLITION PLAN SHOWS APPROXIMATE LAYOUT OF EXISTING BUILDING AND IS NOT INTENDED TO REPRESENT "AS-BUILT" CONDITIONS.
2. PRIOR TO ANY DEMOLITION WORK, CONTRACTOR MUST FIELD VERIFY ALL EXISTING MECHANICAL, PLUMBING AND ELECTRICAL WORK LOCATED IN THE SCOPE OF WORK SPACE WHICH AFFECTS THE ADJACENT SPACES. THE BUILDING OWNER AND ADJACENT SPACE OCCUPANTS MUST BE NOTIFIED PRIOR TO SHUTDOWN OF ANY SHARED MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS.
3. WALLS, PARTITIONS, DOORS, FRAMES, AND OTHER ITEMS TO BE REMOVED ARE SHOWN DASHED. SERVICES WITHIN WALLS AND PARTITIONS SHALL ALSO BE REMOVED. EDGES OF WALLS SHOWN TO REMAIN SHALL BE SAWCUT OR CLEANLY TOOTHED TO ACCEPT NEW CONSTRUCTION. REPAIR AND PATCH EXISTING WALLS SHOWN TO REMAIN WHERE INTERSECTING WALLS, DOORS, FRAMES, ETC. ARE SHOWN TO BE REMOVED AND WHERE EXISTING CONSTRUCTION WILL NOW BE EXPOSED IN THE NEW CONSTRUCTION.
4. EXISTING CONSTRUCTION SHOWN TO REMAIN INCLUDING BUT NOT LIMITED TO WALLS, PARTITIONS, DOORS, FRAMES, ETC. SHALL BE PROTECTED DURING DEMOLITION. DAMAGE TO EXISTING CONSTRUCTION SHOWN TO REMAIN SHALL BE RESTORED TO MATCH PRE-DAMAGED CONDITION.
5. PROTECT FROM DAMAGE ALL EXISTING FINISH WORK TO REMAIN IN PLACE AND WHICH BECOMES EXPOSED DURING DEMOLITION OPERATIONS.
6. PROVIDE ALL NECESSARY SHORING, BRACING, AND SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF STRUCTURE OR ELEMENT TO BE DEMOLISHED, AND ADJACENT STRUCTURE OR ELEMENT SHOWN TO REMAIN. SHORING AND BRACING SHALL BE DESIGNED BY CONTRACTOR'S PROFESSIONAL ENGINEER LICENSED IN THE APPLICABLE JURISDICTION.
7. PROVIDE TEMPORARY WEATHER PROTECTION AND SECURITY DEVICES DURING INTERVAL BETWEEN DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND INSTALLATION OF NEW CONSTRUCTION TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO STRUCTURE OR TO INTERIOR AREAS OF EXISTING BUILDING.
8. WHERE FINISHES ARE SHOWN TO BE REMOVED FROM EXISTING CONSTRUCTION, REPAIR AND PATCH REMAINING SUBSTRATE AND PREPARE FOR NEW FINISH. REPAIR AND PATCH ALL REMAINING SUBSTRATES THAT WERE ORIGINALLY CONCEALED BY EXISTING FINISHES, BUT WILL NOW BE EXPOSED IN THE NEW CONSTRUCTION.
9. SALVAGE MATERIAL AS REQUIRED FOR PATCHING AND INFILL (SEE DRAWINGS FOR NEW WORK). SALVAGE MATERIAL SHALL BE CLEANED AND STORED IN AREAS AWAY FROM THE DEMOLITION OR UNTIL NEEDED.
10. EXISTING FLOOR TO BE CLEANED, SMOOTHED, FLATTENED & PREPARED TO ACCEPT FLOOR FINISHES AS NOTED. DO NOT CHIP OR CRACK THE EXISTING CONCRETE DURING REMOVAL OF EXISTING FLOOR FINISHES.
11. SEE STRUCTURAL DRAWINGS FOR REQUIRED TEMPORARY SHORING AT NEW OPENINGS.
12. CONSULT WITH OWNER ON WHETHER TO SALVAGE ANY ITEMS IE. DOORS, OVERHEAD DOORS, EQUIPMENT, ETC. PRIOR TO DEMOLITION.



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

RENOVATION
OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

DEMO INTERIOR
ELEVATIONS

SHEET NUMBER

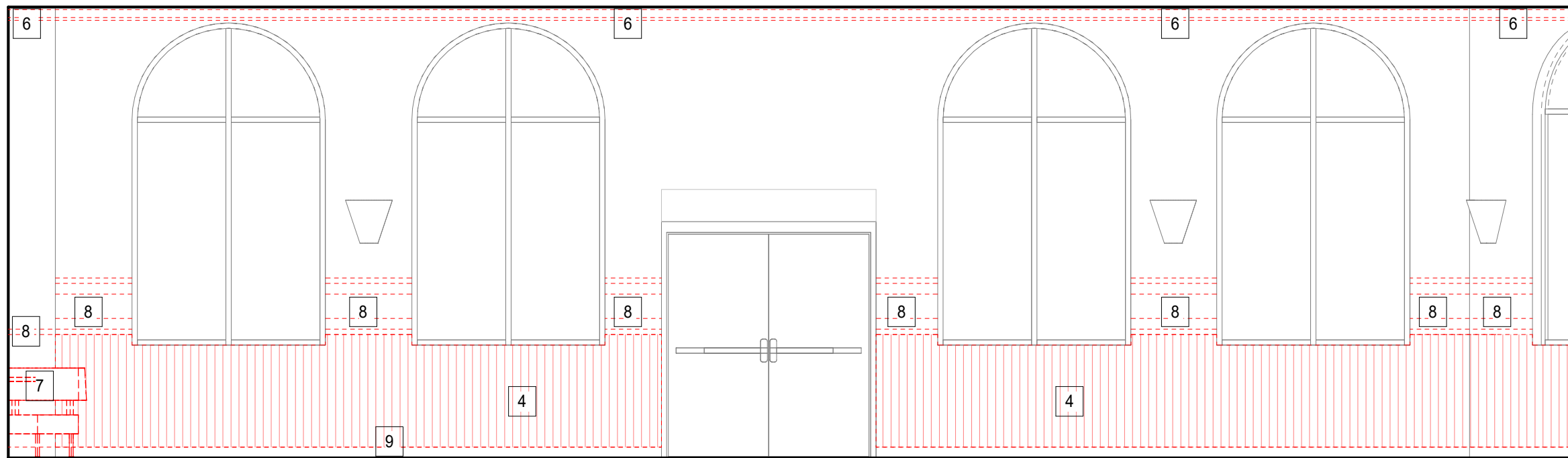
AD103

DEMOLITION LEGEND

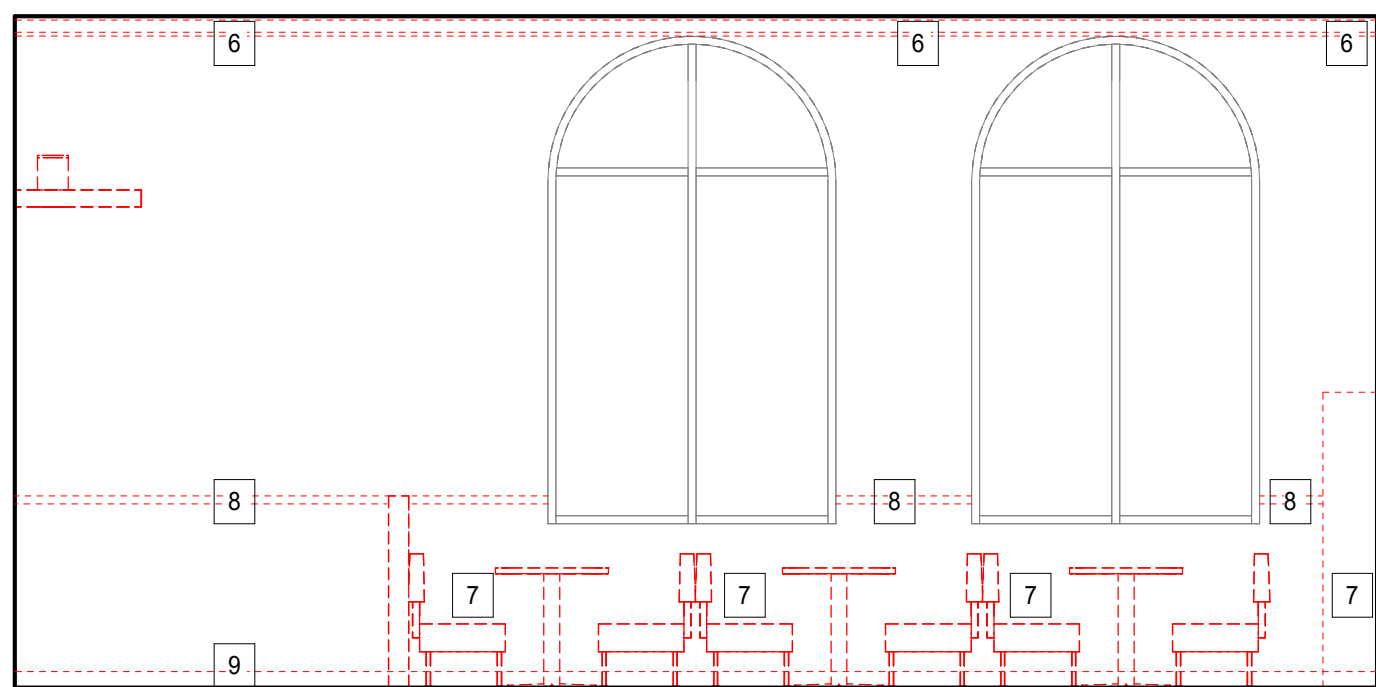
- EXISTING TO REMAIN
- EXISTING AND ASSOCIATED COMPONENTS TO BE REMOVED

DEMOLITION KEYNOTES

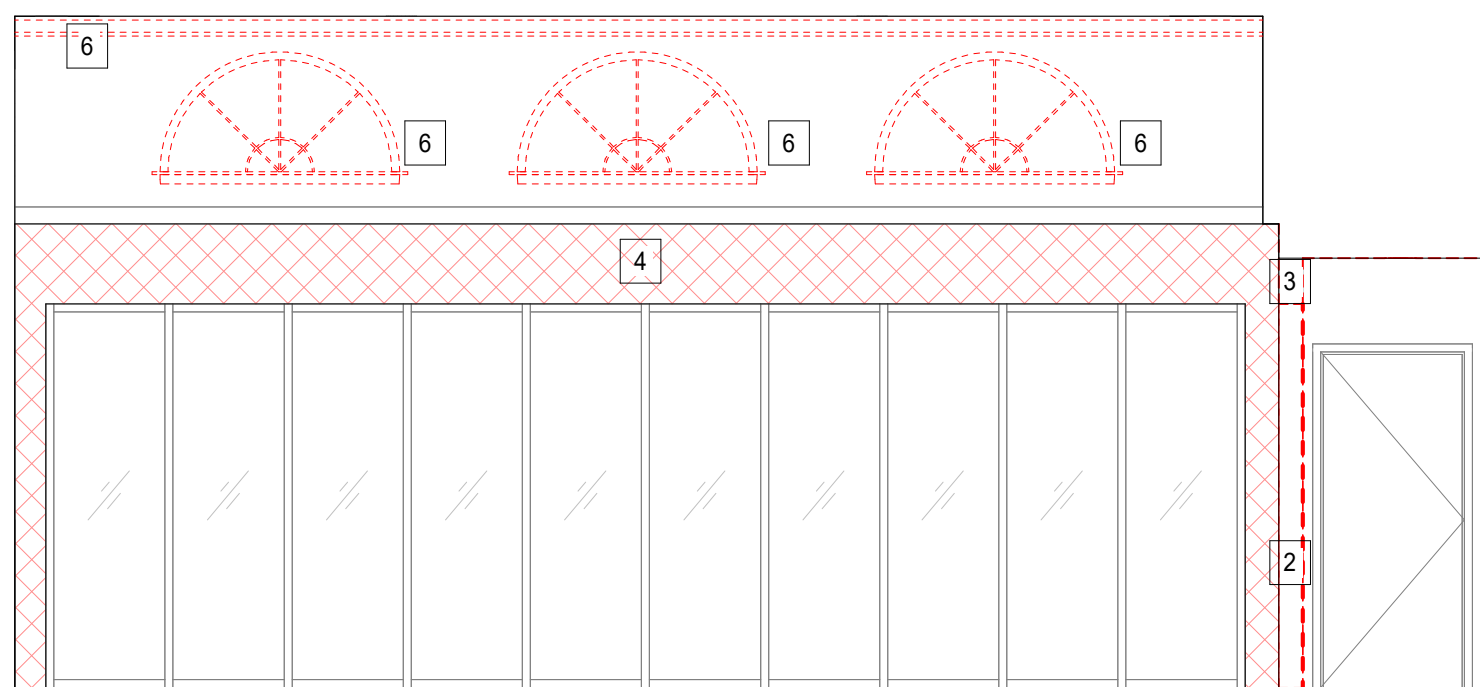
- 1 REMOVE EXISTING INTERIOR PARTITION WALL / LOW WALL. ALL LOAD BEARING WALLS AND COLUMNS TO REMAIN.
- 2 REMOVE EXISTING DOOR / DOOR FRAME/ DOOR TRIM.
- 3 REMOVE EXISTING BULKHEAD FRAMING AND FINISH
- 4 REMOVE EXISTING WALL FINISH TO THE UNDERLYING STRUCTURE. PREP FOR NEW WALL FINISH.
- 5 REPLACE ALL EXISTING WALL MOUNTED LIGHT FIXTURES.
- 6 REMOVE ALL DECORATIVE WALL AND CROWN MOULDINGS
- 7 REMOVE EXISTING MILLWORK AND EQUIPMENT.
- 8 REMOVE ALL WALL WAINSCOTING AND CHAIR RAILS INCLUDING WALLPAPER GRAPHICS
- 9 REMOVE BASEBOARD. SEE FINISH FLOOR PLAN FOR NEW FINISHES.



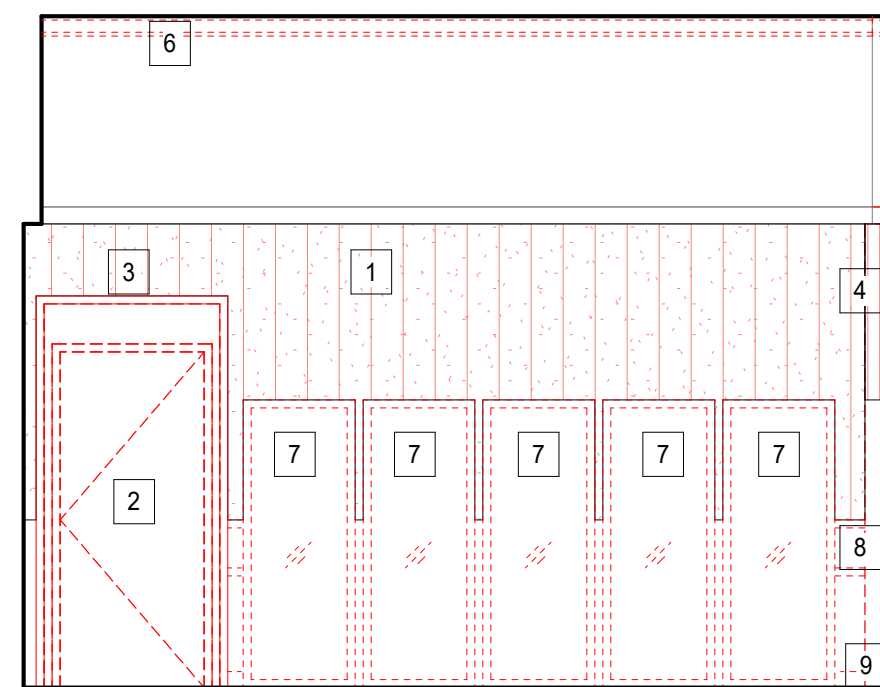
7 INTERIOR DEMO ELEVATION 7
SCALE: 1/4" = 1'-0"



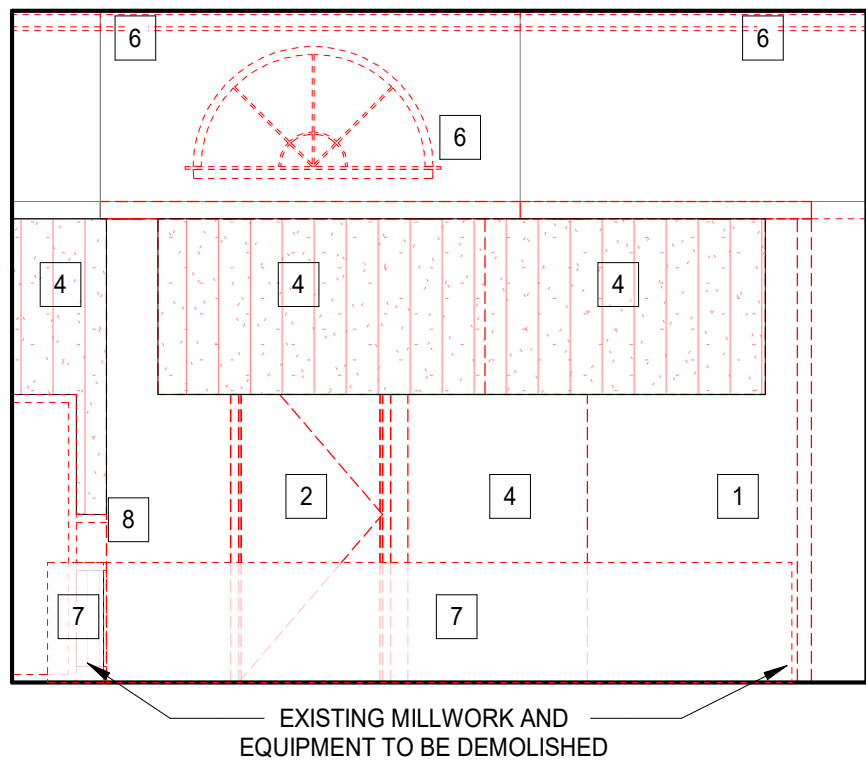
6 INTERIOR DEMO ELEVATION 6
SCALE: 1/4" = 1'-0"



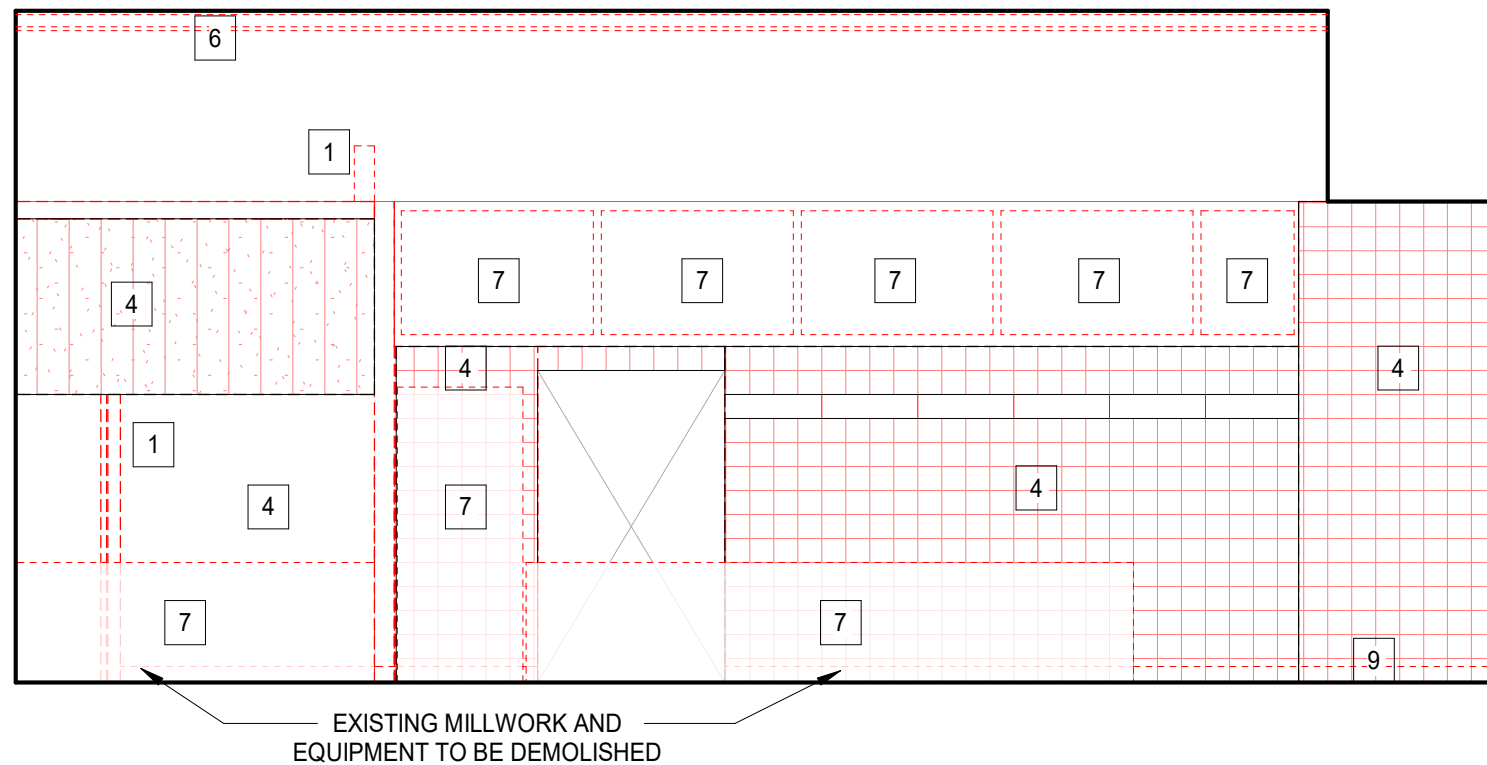
5 INTERIOR DEMO ELEVATION 5
SCALE: 1/4" = 1'-0"



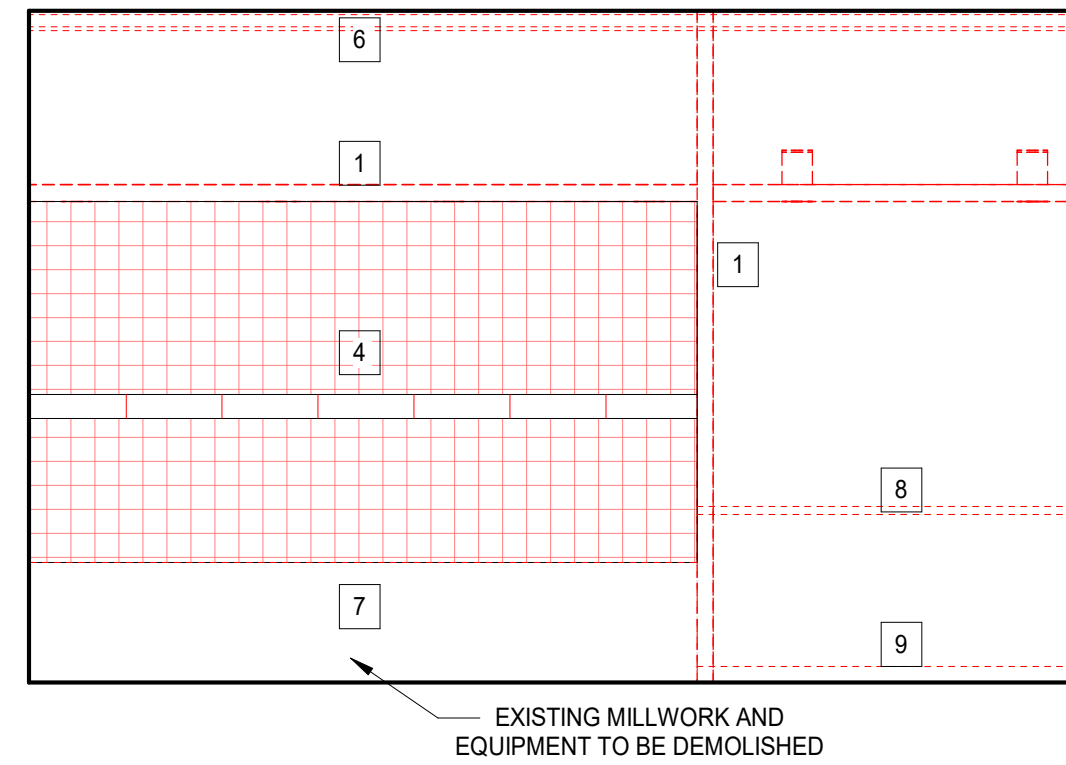
4 INTERIOR DEMO ELEVATION 4
SCALE: 1/4" = 1'-0"



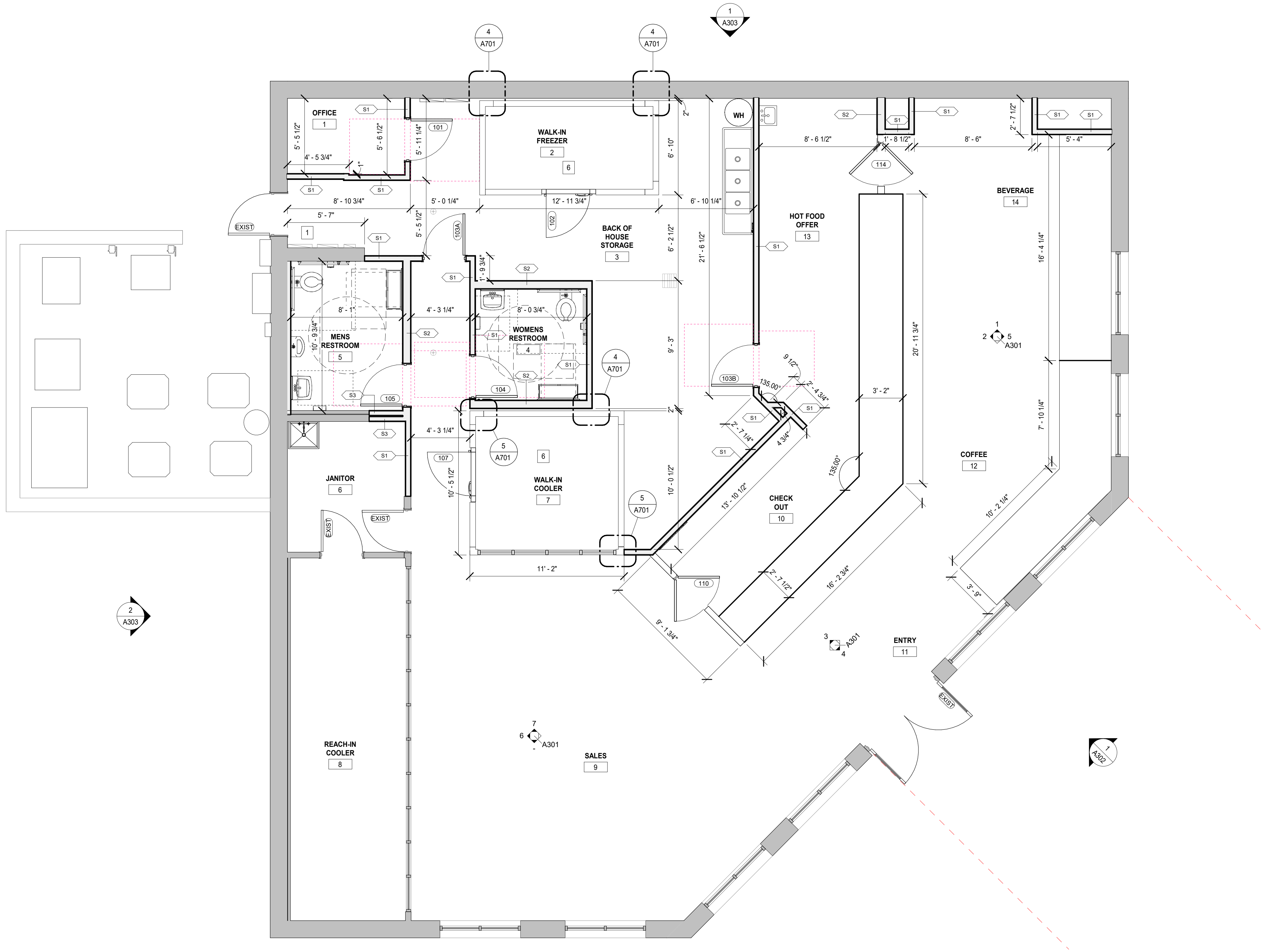
3 INTERIOR DEMO ELEVATION 3
SCALE: 1/4" = 1'-0"



2 INTERIOR DEMO ELEVATION 2
SCALE: 1/4" = 1'-0"



1 INTERIOR DEMO ELEVATION 1
SCALE: 1/4" = 1'-0"



FLOOR PLAN LEGEND

- EXISTING WALL / PARTITION TO REMAIN
- NEW WALL / PARTITION
- WINDOW TYPE (NEW WINDOWS ONLY)
- PARTITION TYPE (NEW INTERIOR WALLS ONLY)
- PARTITION TYPE TAG NOMENCLATURE IS PER THE FOLLOWING:
- PARTITION TYPE NUMBER
- WALL SUBSTRATE:
- C: CONCRETE
M: MASONRY
S: METAL STUDS
SW: SHAFTWALL
W: WOOD STUDS
- NEW DOOR, SEE DOOR SCHEDULE
- EXISTING DOOR TO REMAIN, ENSURE IN GOOD WORKING ORDER

GENERAL NOTES

- INTERIOR WALL SURFACES SHALL HAVE SOLID WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES IN RESTROOMS SUCH AS EQUIPMENT, GRAB BARS, SINKS, ETC.
- SEE FLOOR PLAN FOR METAL STUD/ WOOD STUD FRAMING DELINIATION AT KITCHEN HOODS. SEE STRUCTURAL DRAWINGS.
- INTERIOR DIMENSIONS ARE FROM FACE OF STUDS.
- INTERIOR WALLS WITHIN KITCHEN SHALL BE 5/8" PLYWOOD EXCEPT AT HOOD WALLS, HOOD WALLS SHALL BE 5/8" TYPE X GWB.
- PROVIDE CLEAR SILICONE CAULK WHERE FRP ABUTS COVE BASE.
- PROVIDE CLEAR SILICONE CAULK WHERE ALL COUNTERS, SINKS, AND EQUIPMENT ABUT WALL SURFACES.
- ALL COVE BASE SHALL HAVE MIN. 3/8" RADII.
- WALK-IN REFRIGERANT LINES SHOULD BE ROUTED IN WALL CAVITY AND ROUTED TO ROOF.
- INSTALL SOLID PLYWOOD BLOCKING ABOVE ALL WALL MOUNTED COMPARTMENT SINKS TO RECEIVE SHELVING.

KEYED FLOOR PLAN NOTES

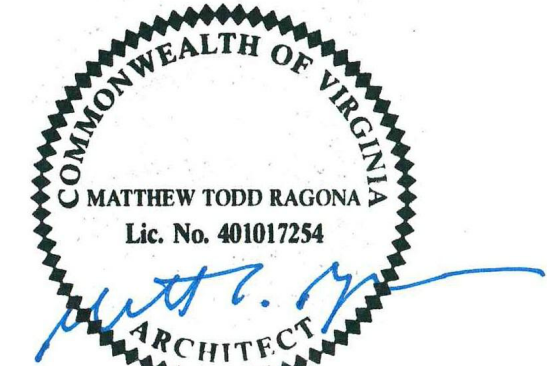
- EXISTING ELECTRICAL PANELS TO REMAIN IN CURRENT LOCATION.
- INSTALL NEW SUSPENDED CEILING SYSTEM. SEE CEILING PLAN FOR MORE INFORMATION. PAINT UNDERSIDE OF GYPSUM BOARD CEILING TO MATCH FIELD.
- EXISTING CEILING SYSTEM SHOWN TO REMAIN AND REUSED SHALL BE CLEANED, REPAIRED AS NECESSARY. PREP SURFACE READY FOR NEW PAINT FINISH.
- INSTALL NEW CEILING LIGHT FIXTURES. REUSE REMOVED CEILING LIGHTS AT NEW LOCATIONS WHERE FEASIBLE. SEE CEILING PLAN FOR MORE INFORMATION.
- INSTALL NEW CEILING LIGHT FIXTURES. REUSE REMOVED CEILING LIGHTS AT NEW LOCATIONS WHERE FEASIBLE. SEE CEILING PLAN FOR MORE INFORMATION.
- INSTALL NEW WALK-IN COOLER/ FREEZER PER MANUFACTURER. MAINTAIN 2" CLEAR OFF EXTERIOR WALK-IN UNIT WALLS. EXTERIOR FINISHES FOR WALK-IN UNIT WALLS TBD BY OWNER.

OVERALL FLOOR PLAN

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



Ragona Architecture & Design, PLLC
5500 Seventy-Seven Center Drive, Suite 150
Charlotte, NC 28217
T: 704.372.0116 www.rad-arch.com



03.24.25



RENOVATION OF STORE # 3615

1248 CROZET AVE.
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Revisions		
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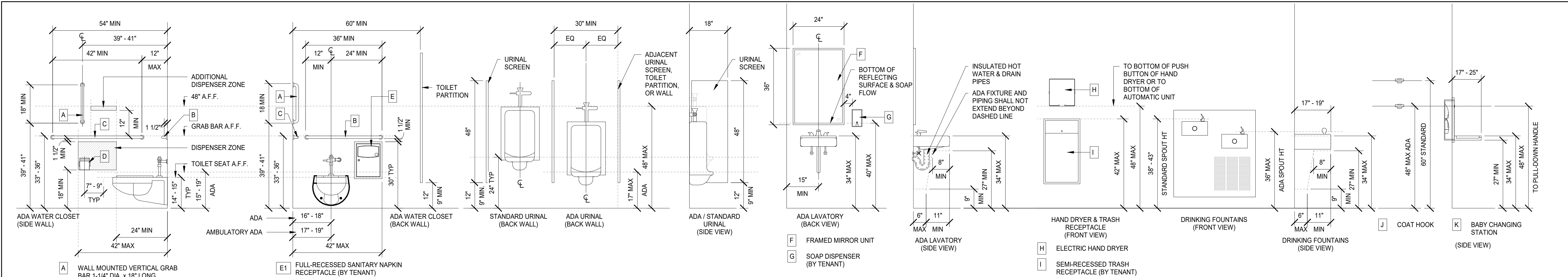
Project Number: 25025
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DRAWING TITLE

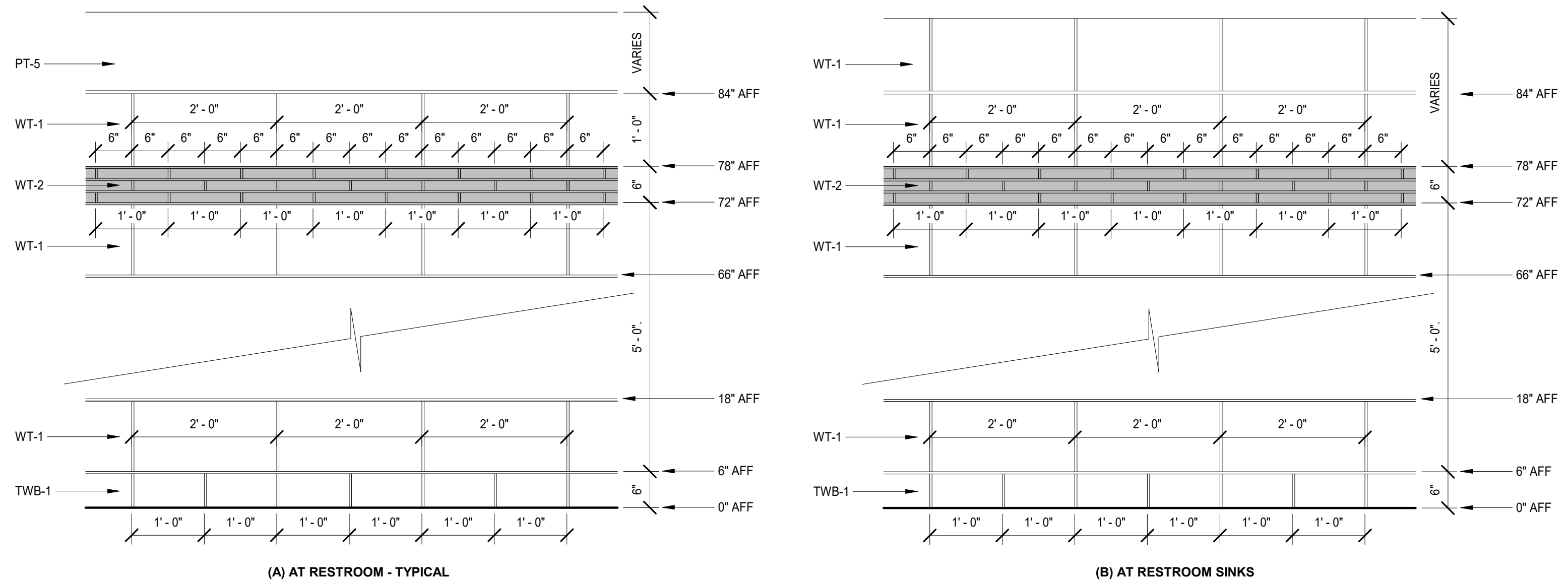
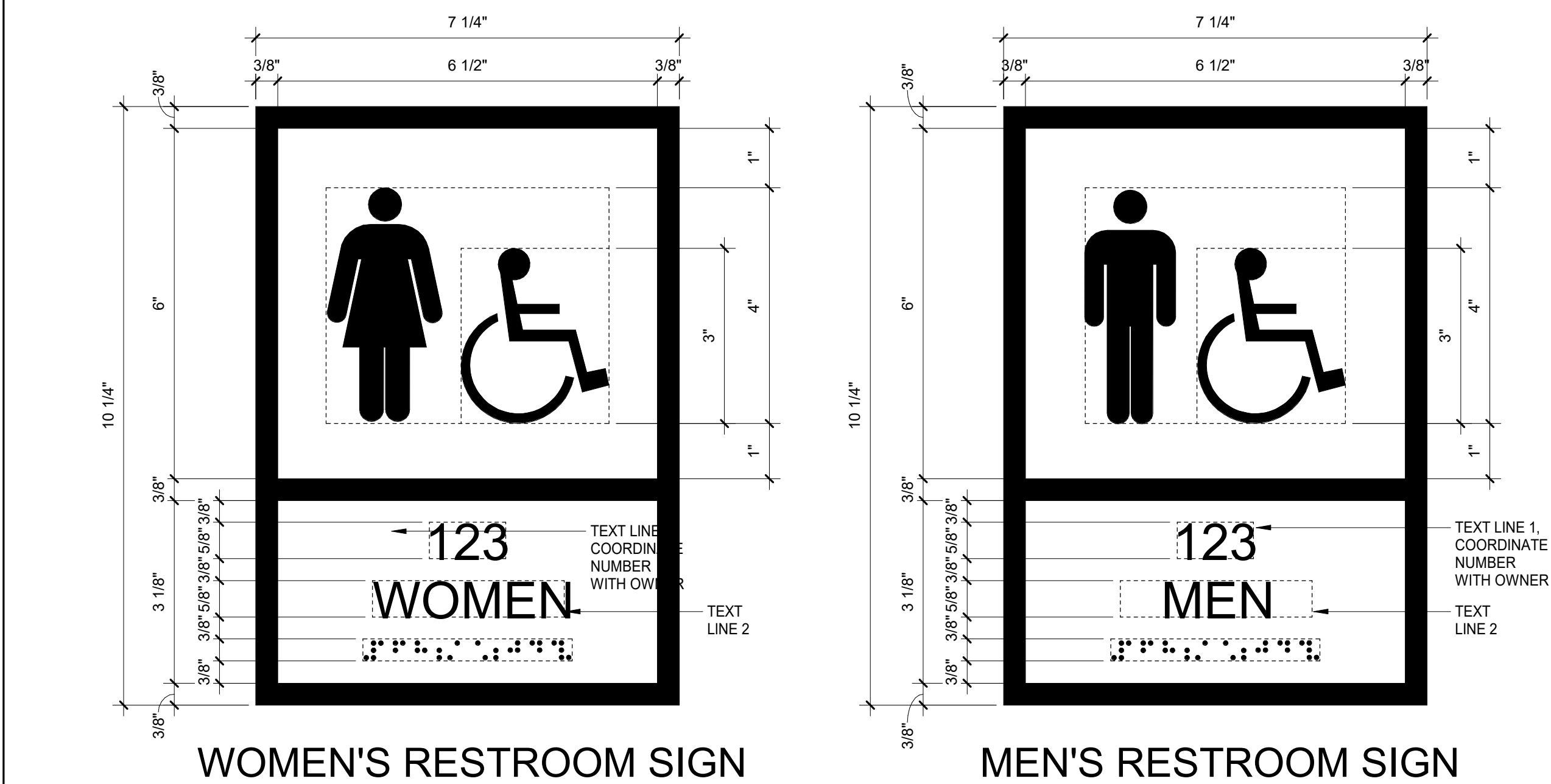
OVERALL FLOOR PLAN

SHEET NUMBER

A101



DETAIL - TOILET FIXTURE /
4 ACCESSORY LEGEND
SCALE: 1/2" = 1'-0"

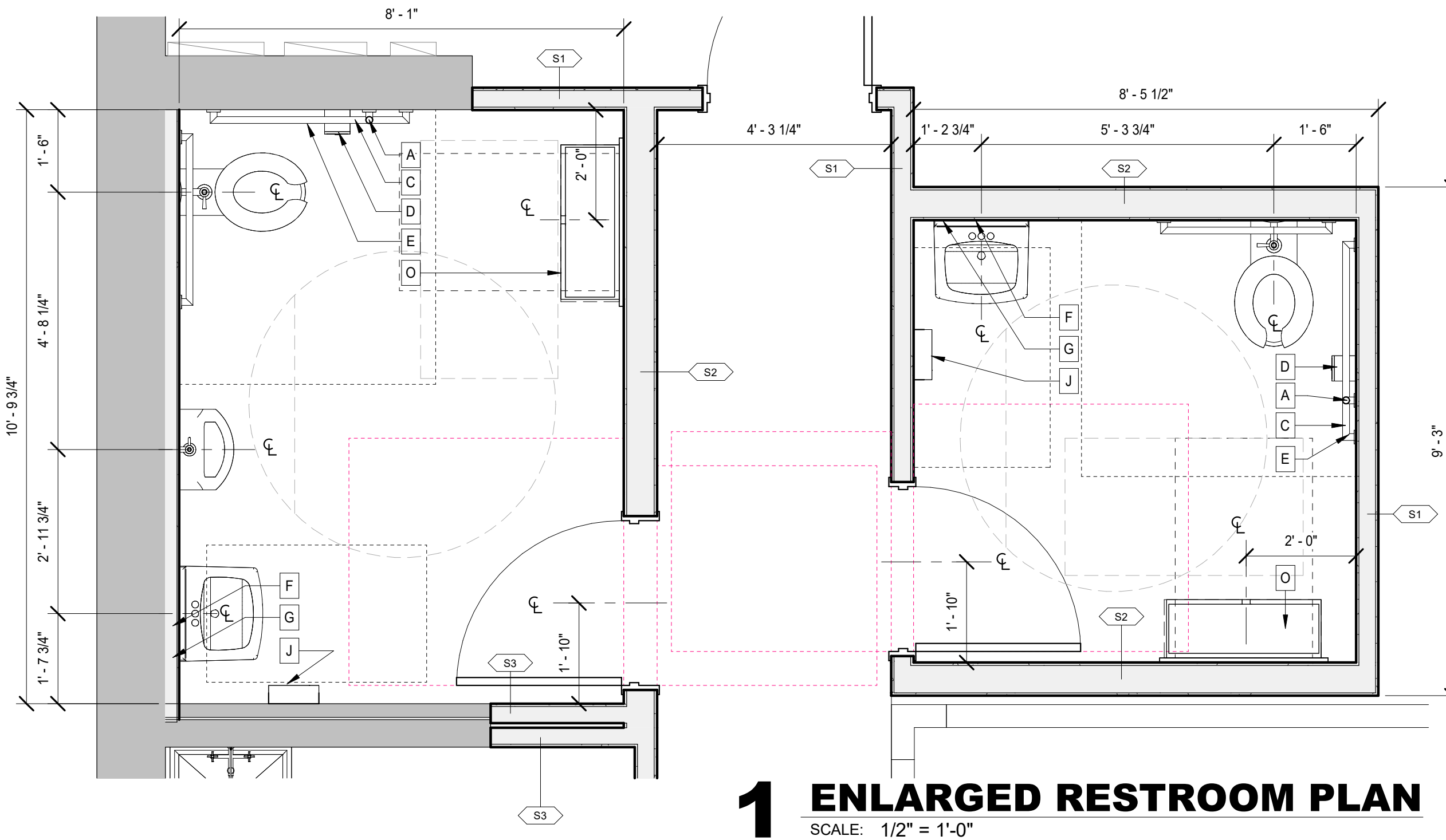


DETAIL - RESTROOM TILE PATTERN
3 TYPICAL
SCALE: 3/4" = 1'-0"

DETAIL - RESTROOM TILE PATTERN @ SINK
2
SCALE: 3/4" = 1'-0"

TOILET ACCESSORY NOTES
1. G.C TO PROVIDE FIRE RETARDANT TREATED BLOCKING IN THE WALL BEHIND ALL TOILET ACCESSORIES, ALL GRAB BARS AND THEIR FASTENERS.
2. ALL F.R.T BLOCKING TO BE MIN. OF 3/4" PLYWOOD, U.N.O.
3. ALL PARTITION DOORS TO HAVE FULL LENGTH HINGES AND FULL LENGTH ALUMINUM ASTRAGAL AT LATCH SIDE TO COVER GAP BETWEEN DOOR AND PARTITION.
4. HIGHEST CONTROL, OPERATING MECHANISM, AND/OR DISPENSING / DISPOSAL SLOT OF TOILET ROOM ACCESSORIES SHALL BE 48" MAX. A.F.F.
5. CONTROLS & OPERATING MECHANISMS OF TOILET ROOM ACCESSORIES SHALL BE OPERABLE BY A 5 LB. MAX FORCE.
6. CLEARANCE FROM WALL TO FIXTURES OR ACCESSORIES SHOWN ON THE TOILET ACCESSORY LEGEND ARE FROM FINISHED SURFACE OF WALL, NOT FROM WALL STUDS.
7. FLUSH CONTROL VALVES IN THE HC ACCESSIBLE TOILET STALL SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREA AND SHALL BE ACCESSIBLE BELOW THE GRAB BAR.
8. PROVIDE PROTECTIVE INSULATING COVERS FOR HOT WATER SUPPLIES, DRAIN, AND P-TRAP. COLOR SHALL MATCH THE FIXTURE.
9. CONTRACTOR TO PROVIDE MIRRORS, COAT HOOKS, GRAB BARS, AND BABY CHANGING TABLES, TOILET PAPER, PAPER TOWEL, SOAP DISPENSERS, AND OTHER DISPENSERS AND RECEPTACLES BY TENANT AS INDICATED IN LEGEND.
10. CONTRACTOR TO COORDINATE ELECTRICAL REQUIREMENTS IF HAND DRYERS ARE TO BE INSTALLED BY TENANT IN LIEU OF PAPER TOWEL DISPENSERS.
11. ALL PIPES TO LAVATORIES SHALL BE INSULATED
12. ALL FIXTURES AND ACCESSORIES SHALL BE ADA COMPLIANT
13. PROVIDE POWER AT ELECTRICAL HAND DRYERS. SEE ELECTRICAL

TOILET ACCESSORY SCHEDULE				
	ITEM/ DESCRIPTION	FINISH	MODEL	COMMENTS
A	18" GRAB BAR	STAINLESS STEEL/ SATIN	BOBRICK B5806 X18.99	
B	36" GRAB BAR	STAINLESS STEEL/ SATIN	BOBRICK B5806 X 36.99	
C	42" GRAB BAR	STAINLESS STEEL/ SATIN	BOBRICK B5806 X 42.99	
D	TOILET PAPER DISPENSER	STAINLESS STEEL/ SATIN	BOBRICK B-2888	OWNER SUPPLIED, GC INSTALLED
E	SANITARY NAPKIN DISPOSAL	STAINLESS STEEL/ SATIN	BOBRICK B-254	OWNER SUPPLIED, GC INSTALLED
F	MIRROR W/ FRAME	STAINLESS STEEL/ SATIN	BRADLEY 747 24 X 36	
G	SOAP DISPENSER	STAINLESS STEEL/ SATIN	BOBRICK B-2111	OWNER SUPPLIED, GC INSTALLED
I	TRASH RECEPTACLE	STAINLESS STEEL/ SATIN	BOBRICK B-3944	
J	HAND DRYERS	WHITE	XCELERATOR XL-BW-110-120	
K	PAPER TOWEL DISPENSER	STAINLESS STEEL/ SATIN	BOBRICK	OWNER SUPPLIED, GC INSTALLED
L	PIPE INSULATION	WHITE	TRUBORO LAV SHIELD	
M	PAPER TOWEL DISPENSER	STAINLESS STEEL/ SATIN	BOBRICK B-26212	OWNER SUPPLIED, GC INSTALLED
N	COAT HOOK	STAINLESS STEEL/ SATIN	BOBRICK	
O	BABY CHANGING TABLE	WHITE	GLOBAL INDUSTRIAL 237622 (LATESHIA)	
GENERAL NOTES: ALL TOILET ACCESSORIES MAY NOT APPLY. SEE ENLARGED TOILET PLANS FOR SCHEDULED ACCESSORIES				



1 ENLARGED RESTROOM PLAN
SCALE: 1/2" = 1'-0"

RENOVATION
OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

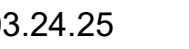
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

ENLARGED
RESTROOM
PLANS

SHEET NUMBER

A102



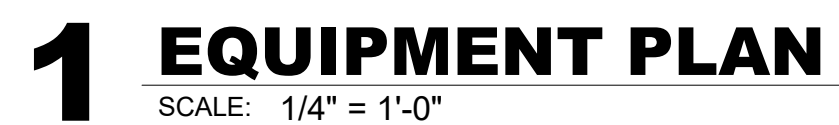
1248 CROZET AVE.
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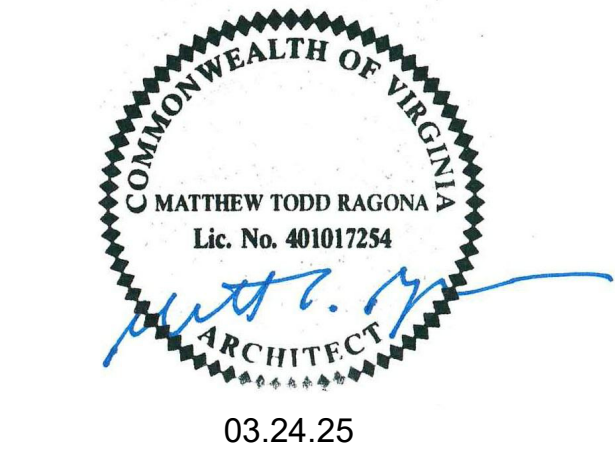
Revisions		
#	Date	Description

DRAWING TITLE

SHEET NUMBER

A151





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Revisions		
#	Date	Description

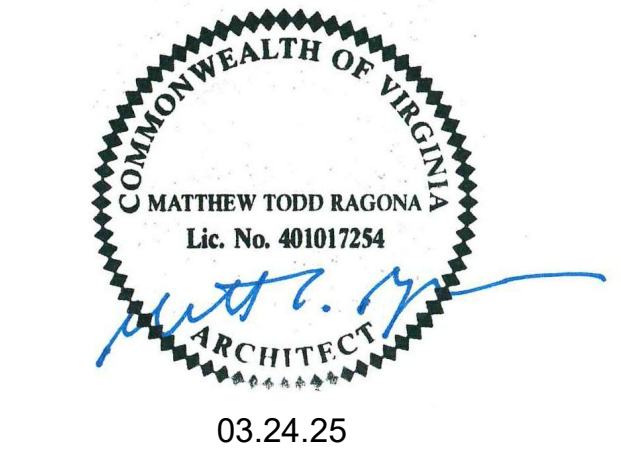
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

EQUIPMENT SCHEDULE

A152

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FE02	Fas Eats	Digital Menu Board - Monitor Samsung 50"	Howard Co. / Samsung	Samsung QM50R				GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
FE02.1	Fas Eats	Digital Menu Board - Mount Bracket Ceiling	Landscape					GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
FE02.2	Fas Eats	Digital Menu Board - Surge Protector	Howard Co.					GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
FE02.3	Fas Eats	Digital Menu Board - SOC Player Software	Howard Co.					GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
FE02.4	Fas Eats	Digital Menu Board - Remote SOC License	Howard Co.					GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
FE02.5	Fas Eats	Digital Menu Board - Mount Ceiling Adapter	Howard Co. / Unistrut					GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
FE02.6	Fas Eats	Digital Menu Board - Mount Ceiling Extension (6-8 ft)	Howard Co.					GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
FE02.7	Fas Eats	Printed Menu Boards - 22.5x28 (price decreases based on quantity printed)	GSP					Design Vendor	Marketing - Cat Mgr	General Contractor	General Contractor	Prepared Foods
FE21	Fas Eats	MOTAK Countertop Heated Display Case	MOTAK	HDC48	NEMA 5-15	120v/12.5A/1500W		GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
FE32	Fas Eats	Counter top hot hold pizza display	Hatco	FSD-2	NEMA 5-15P	120v/1440w/11.8A		GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
	Fas Eats											
FS20	Fas Sips	Bean To Cup Brewer - no hot water	Schaerer	1340900015	NEMA L6-20R	208v/16A	3/8" water, 1.5" drain	GPM	Project Coordinator	GPM / Vendor	General Contractor	Hot Dispensed
FS21	Fas Sips	Bean To Cup Brewer - hot water	Schaerer	1340900016	NEMA L6-20R	208v/16A	3/8" water, 1.5" drain	GPM	Project Coordinator	GPM / Vendor	General Contractor	Hot Dispensed
FS21.1	Fas Sips	Cleaning Tablets	Schaerer	9610000116				GPM	Project Coordinator	GPM / Vendor	General Contractor	Hot Dispensed
FS21.2	Fas Sips	SEB Pro Water Filter	Schaerer	9610000123				GPM	Project Coordinator	GPM / Vendor	General Contractor	Hot Dispensed
FS21.3	Fas Sips	SEB Pro Exchange Cartridge Coffee	Schaerer	9610000124				GPM	Project Coordinator	GPM / Vendor	General Contractor	Hot Dispensed
FS31	Fas Sips	3 Station Cappuccino Machine (Pricing via SEB Professional - can order with Bean-2-Cup)	Curtis	PCNG 3		120v/15A/60Hz/1800w	1/4" Flare	GPM	Project Coordinator			
FS40	Fas Sips	2 Port Coffee Creamer Dispenser (vendor provided)	Goodwest	GW-2BLK	NEMA 5-15R	110v/2A		GPM	Project Coordinator	General Contractor	General Contractor	Hot Dispensed
FS50	Fas Sips	Syrup Dispenser/Rack	GK Global	TBD				GPM	Project Coordinator	General Contractor	None	Hot Dispensed
FS52	Fas Sips	Countertop Tea Rack	Revolution Tea	03-0242				GPM	Project Coordinator	General Contractor	None	Hot Dispensed
FS53	Fas Sips	Countertop 3 Cup/Lid Dispenser	JB Plastics	CLS 3-824 G				GPM	Project Coordinator	General Contractor	None	Hot Dispensed
FS54	Fas Sips	PanelRak Kit in Coffee Condiment Configuration 24"W x 24"H	Panel Rak	PRS-KIT-N-C-24-24				GPM	Project Coordinator	General Contractor	General Contractor	
FS70	Fas Sips	Nitro Cold Brew	Bunn	51600.0030	NEMA 5-15P	120v/6A/720w single Phase	3/8" water	GPM	Project Coordinator	General Contractor	General Contractor	Hot Dispensed
FS70.1	Fas Sips	Nitro Cold Brew Gas Module	Bunn	24500.2438								
	Fas Sips											
GS10	Gondola	48x16 Display Shelving	Madix	TBD	N/A	N/A	N/A	GPM	Marketing / Space Planning	Owner	General Contractor	Retail
GS10D	Gondola	48x16 Display Shelving (dbl side)	Madix	TBD	N/A	N/A	N/A	GPM	Marketing / Space Planning	Owner	General Contractor	Retail
GS11	Gondola	36x16 Display Shelving	Madix	TBD	N/A	N/A	N/A	GPM	Marketing / Space Planning	Owner	General Contractor	Retail
GS23	Gondola	36x36 Sales Area Floor Display	Mason Ways	TBD	N/A	N/A	N/A	GPM	Marketing / Space Planning	Owner	General Contractor	Retail
	Gondola											
KT01	Kitchen	Avery Label Printer	Avery	9417+				GPM	IT	GPM / Vendor	General Contractor	Prepared Foods
KT05	Kitchen	Trash Can at Kitchen 23 Gallon	Tough Guy 23 Gallon (Slim Jim)	10F625	N/A	N/A	N/A	Grainger	Procurement	General Contractor	N/A	Prepared Foods
KT27L	Kitchen	Vector H Series Multi-Cook Oven	Alto-Shaam	VMC-H4H	NEMA 15-50P	208-240v/60/3-ph		GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.1	Kitchen	Deluxe Control	Alto-Shaam					GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.2	Kitchen	Left Hinged	Alto-Shaam					GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.3	Kitchen	Ethernet Cable for Deluxe only	Alto-Shaam	5030518				GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.4	Kitchen	Vector Stand, 21-1/2"W x 20-1/2"H, lower shelf, side rack, with casters	Alto-Shaam	5034118				GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.5	Kitchen	Alto-Shaam Vector H-Series Multi-Cook Oven Factory Authorized Installation Program	Alto-Shaam					GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.6	Kitchen	Fry Basket, 12" x 20"	Alto-Shaam	BS-26730				GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.7	Kitchen	Grease Filter Kit (one kit required per chamber)	Alto-Shaam	5027119				GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.8	Kitchen	Sheet Pan, 1/2 size, 13" x 18", closed bead, 18 gauge, heavy weight, 3003 aluminum	Winco	ALXP-1813H				GPM	Project Coordinator		General Contractor	Prepared Foods
KT27L.9	Kitchen	Wire Pan Grate, 12" x 16-1/2", 1/2 size bun, footed, chrome-plated	Winco	PGW-1216				GPM	Project Coordinator		General Contractor	Prepared Foods
KT52	Kitchen	Undercounter DRAWER FREEZER	True	TUC-27F-D-2-HC	NEMA 5-15P	115/60/1/5.0A		GPM	Project Coordinator	General Contractor	Equipment Supplier	Prepared Foods
KT78	Kitchen	48x36 Stainless Steel Work Table w Undershelf and Doors	Advance Tabco	CK-SS-364-M				GPM	Project Coordinator	General Contractor	General Contractor	Prepared Foods
	Kitchen											
OFF01	Office-Office Supplies	Managers Wall Desk	Millwork Vendor	TBD	N/A	N/A	N/A	Millwork Vendor	General Contractor	General Contractor	General Contractor	Management
OFF11	Office-Office Supplies	Managers Chair	Staples	24381066	N/A	N/A	N/A	GPM	Procurement	Owner	General Contractor	Management
OFF154	Office-Office Supplies	18x48 Cigarette Cage	Oneida	FSSEC18484				GPM	Project Coordinator	General Contractor	N/A	Management
OFF154.1	Office-Office Supplies	Wall Security Bracket (2 per pack)	Oneida	FWPSBCH				GPM	Project Coordinator	General Contractor	N/A	Management
	Office-Office Supplies											



RENOVATION
OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

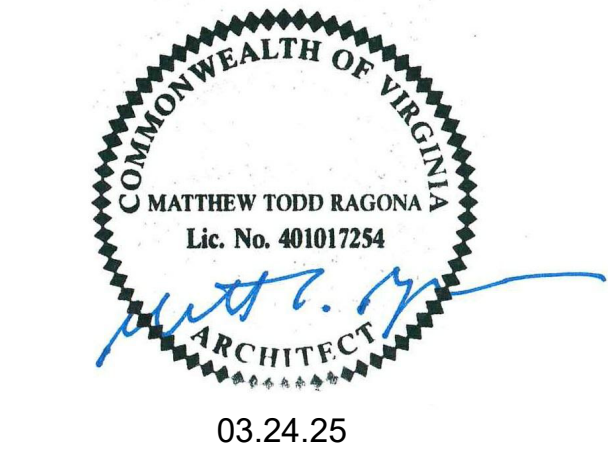
Project Number:	25025
Issued for:	CONSTRUCTION
Issue Date:	03/24/25

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EQUIPMENT
SCHEDULE

SHEET NUMBER

A153



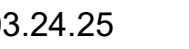
Revisions		
#	Date	Description

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EQUIPMENT SCHEDULE

A154

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Revisions

#	Date	Description
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Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

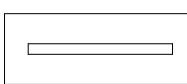
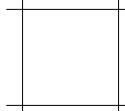
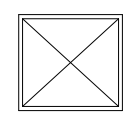
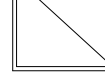
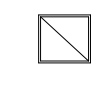
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SHEET NUMBER

A201

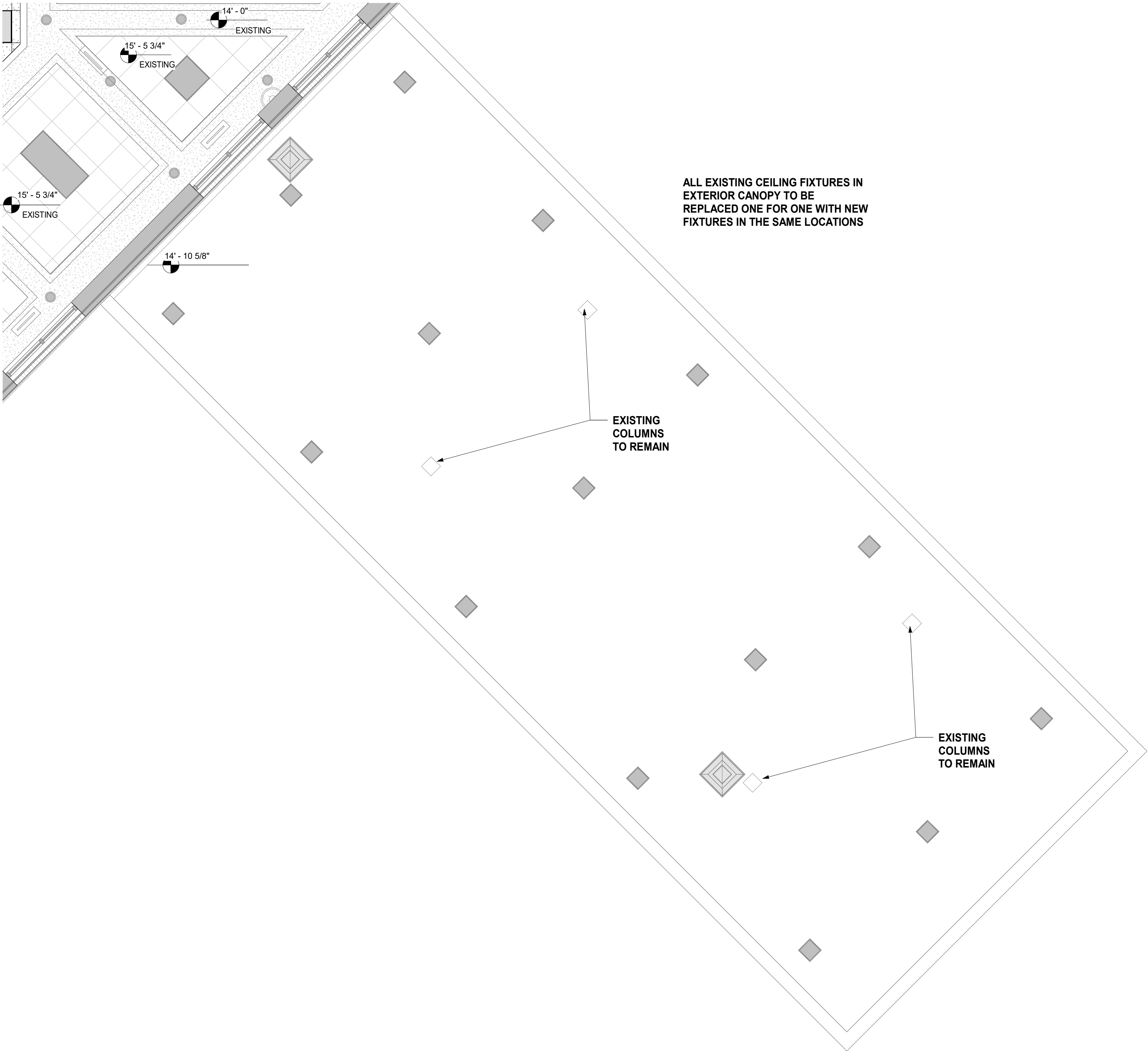


PLAN SYMBOL N.T.S.

	2X4 LAY-IN LIGHT FIXTURE SEE ELEC.
	1X4 LINEAR LED LIGHT FIXTURE
	FROSTED DIFFUSER (SEALED FOOD SERVICE LIGHT FIXTURE) BY COOLER BOX MFR. SEE ELEC.
	6" LED RECESSED DOWNLIGHT (INTERIOR). SEE ELEC.
	LED RECESSED DOWNLIGHT (EXTERIOR). SEE ELEC.
	MECHANICAL DIFFUSER SUPPLY - SEE MECH
	LED WALL MOUNTED LIGHT. SEE ELEC.
	2X2 CEILING TILES AND GRID
	2X4 CEILING TILES AND GRID
	MECHANICAL DIFFUSER SUPPLY - SEE MECH
	MECHANICAL DIFFUSER RETURN - SEE MECH
	MECHANICAL EXHAUST FAN - SEE MECH
	MECHANICAL SUPPLY - SEE MECH
	EXISTING MEZZANINE AND MECHANICAL EQUIPMENT TO REMAIN

POCHE SYMBOL	DESCRIPTION
	ACT-1 24X24/ 24X48 INCHES ACOUSTICAL CEILING TILES, 15/16" CEILING TEE GRID
	ACT-2 24X24/ 24X48 INCHES WASHABLE ACOUSTICAL CEILING TILES, 15/16" CEILING TEE GRID
	PER MFR STAINLESS STEEL INSULATED CEILING. WALK-IN. BY OTHERS
	GWB-1 GYPSUM BOARD CEILINGS/ SOFFIT. SEE DETAILS

1. LIGHTS, FIXTURES, EXIT SIGNS AND OTHER CEILING ACCESSORIES ARE SHOW FOR TYPE AND LOCATION ONLY. SEE ENGINEERING DRAWINGS FOR SPECIFICATION OF LIGHTING, HVAC DIFFUSERS, EMERGENCY LIGHTING, EXIT LIGHTS, POWER REQUIREMENTS, CIRCUITING, SWITCHING AND ALL OTHER ASSOCIATED INFORMATION. REFER TO TENANT DRAWINGS FOR EXACT LOCATIONS
2. ALL LIGHTING DIMENSIONS ARE TO CENTERLINE OF FIXTURE U.O.N.
3. PROTECT LIGHT FIXTURES FROM DUST/DEBRIS DURING CONSTRUCTION. ALL LAMPS AND LENSES SHALL BE CLEANED BY CONTRACTOR PRIOR TO OCCUPANCY.
4. CONTRACTOR SHALL PROVIDE ALL LAMPS, BALLAST, TRIM KITS, HOUSING, HANGERS AND REFLECTORS FOR A COMPLETE FIXTURE INSTALLATION.
5. ALL EXIT SIGN LOCATIONS SHOULD BE REVIEWED AND APPROVED BY THE INSPECTOR FOR THE LOCAL AUTHORITY HAVING JURISDICTION
6. ALL CEILING SURFACES IN FOOD PREP AND COOKING AREAS MUST BE WASHABLE ACOUSTICAL CEILING TILES. LED LIGHT FIXTURE LENS MUST BE SHATTERPROOF.



1 REFLECTED CEILING PLAN AT CANOPY

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

CEILING PLAN LEGEND

PLAN SYMBOL	N.T.S.	DESCRIPTION
		2X4 LAY-IN LIGHT FIXTURE SEE ELEC.
		1X4 LINEAR LED LIGHT FIXTURE
		FROSTED DIFFUSER (SEALED FOOD SERVICE LIGHT FIXTURE) BY COOLER BOX MFR. SEE ELEC.
		6" LED RECESSED DOWNLIGHT (INTERIOR). SEE ELEC.
		LED RECESSED DOWNLIGHT(EXTERIOR). SEE ELEC.
		MECHANICAL DIFFUSER SUPPLY - SEE MECH
		LED WALL MOUNTED LIGHT. SEE ELEC.
		2X2 CEILING TILES AND GRID
		2X4 CEILING TILES AND GRID
		MECHANICAL DIFFUSER RETURN - SEE MECH
		MECHANICAL EXHAUST FAN - SEE MECH
		MECHANICAL SUPPLY - SEE MECH
		EXISTING MEZZANINE AND MECHANICAL EQUIPMENT TO REMAIN

POCHE SYMBOL	DESCRIPTION
	ACT-1 24X24/ 24X48 INCHES ACOUSTICAL CEILING TILES, 15/16" CEILING TEE GRID
	ACT-2 24X24/ 24X48 INCHES WASHABLE ACOUSTICAL CEILING TILES, 15/16" CEILING TEE GRID
	PER MFR STAINLESS STEEL INSULATED CEILING. WALK-IN. BY OTHERS
	GWB-1 GYPSUM BOARD CEILINGS/ SOFFIT, SEE DETAILS

CEILING PLAN NOTES

1. LIGHTS, FIXTURES, EXIT SIGNS AND OTHER CEILING ACCESSORIES ARE SHOW FOR TYPE AND LOCATION ONLY. SEE ENGINEERING DRAWINGS FOR SPECIFICATION OF LIGHTING, HVAC DIFFUSERS, EMERGENCY LIGHTING, EXIT LIGHTS, POWER REQUIREMENTS, CIRCUITING, SWITCHING AND ALL OTHER ASSOCIATED INFORMATION. REFER TO TENANT DRAWINGS FOR EXACT LOCATIONS
2. ALL LIGHTING DIMENSIONS ARE TO CENTERLINE OF FIXTURE U.O.N.
3. PROTECT LIGHT FIXTURES FROM DUST/DEBRIS DURING CONSTRUCTION. ALL LAMPS AND LENSES SHALL BE CLEANED BY CONTRACTOR PRIOR TO OCCUPANCY.
4. CONTRACTOR SHALL PROVIDE ALL LAMPS, BALLAST, TRIM KITS, HOUSING, HANGERS AND REFLECTORS FOR A COMPLETE FIXTURE INSTALLATION.
5. ALL EXIT SIGN LOCATIONS SHOULD BE REVIEWED AND APPROVED BY THE INSPECTOR FOR THE LOCAL AUTHORITY HAVING JURISDICTION
6. ALL CEILING SURFACES IN FOOD PREP AND COOKING AREAS MUST BE WASHABLE ACOUSTICAL CEILING TILES. LED LIGHT FIXTURE LENS MUST BE SHATTERPROOF.

RENOVATION OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

REFLECTED
CEILING PLAN AT
CANOPY

SHEET NUMBER

A202

Revisions		
#	Date	Description

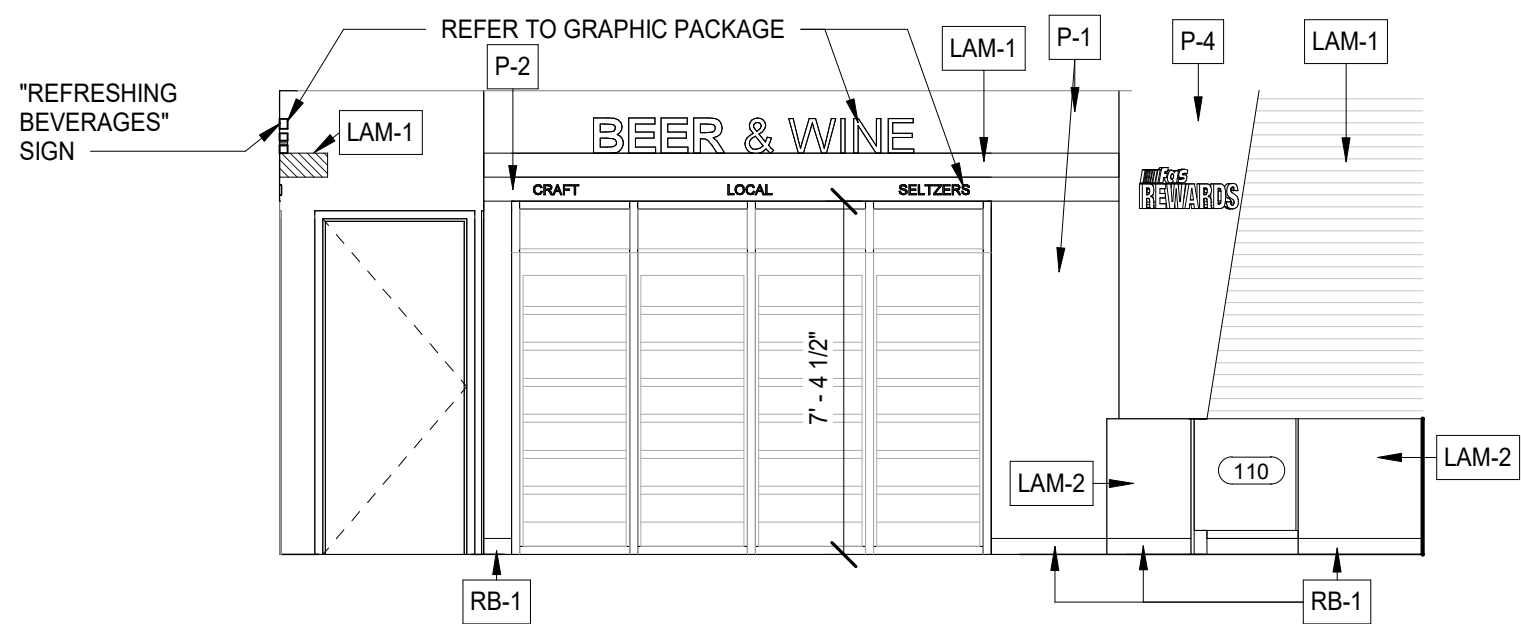
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Issued for:	CONSTRUCTION
Issue Date:	03/24/25

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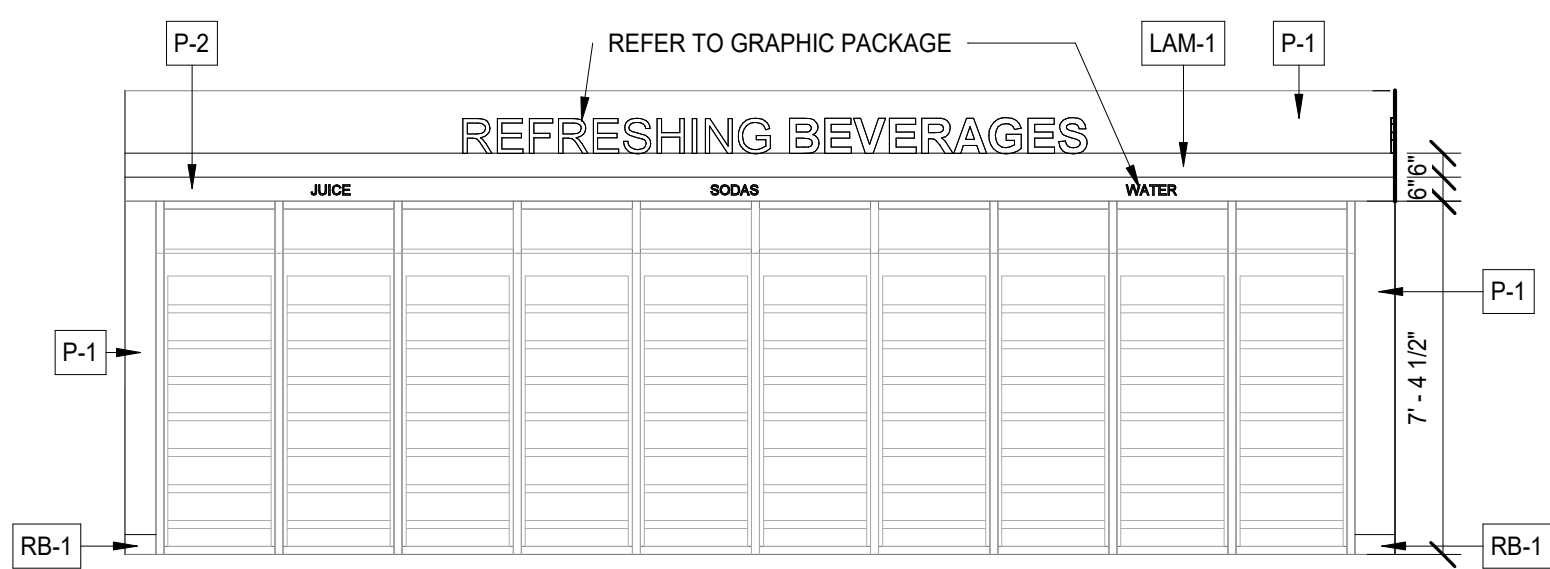
INTERIOR
BUILDING
ELEVATIONS

SHEET NUMBER

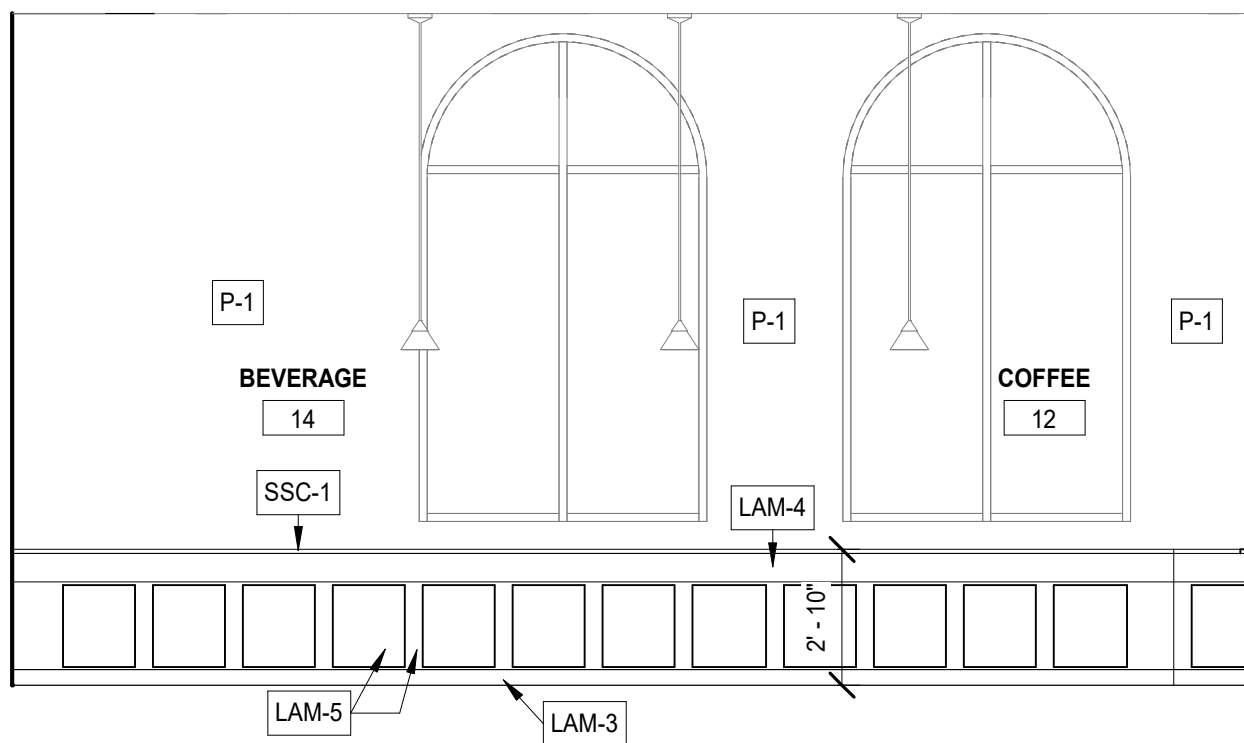
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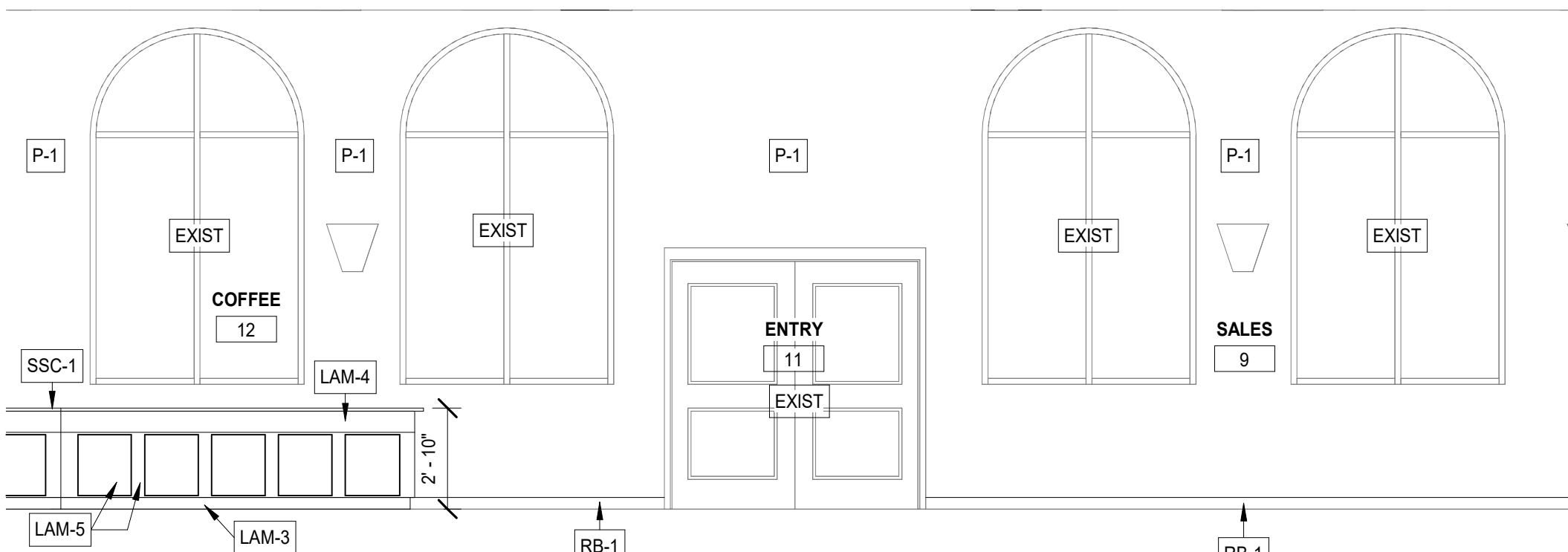
7 INTERIOR ELEVATION - WALK-IN COOLER
SCALE: 1/4" = 1'-0"



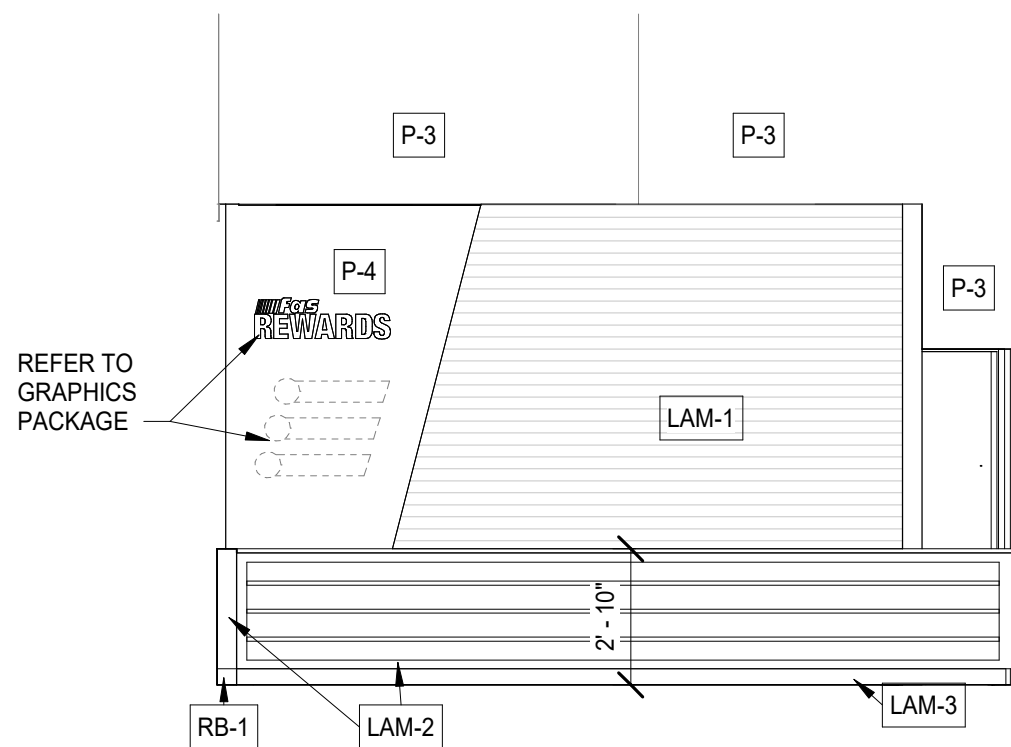
6 INTERIOR ELEVATION - REACH-IN COOLER
SCALE: 1/4" = 1'-0"



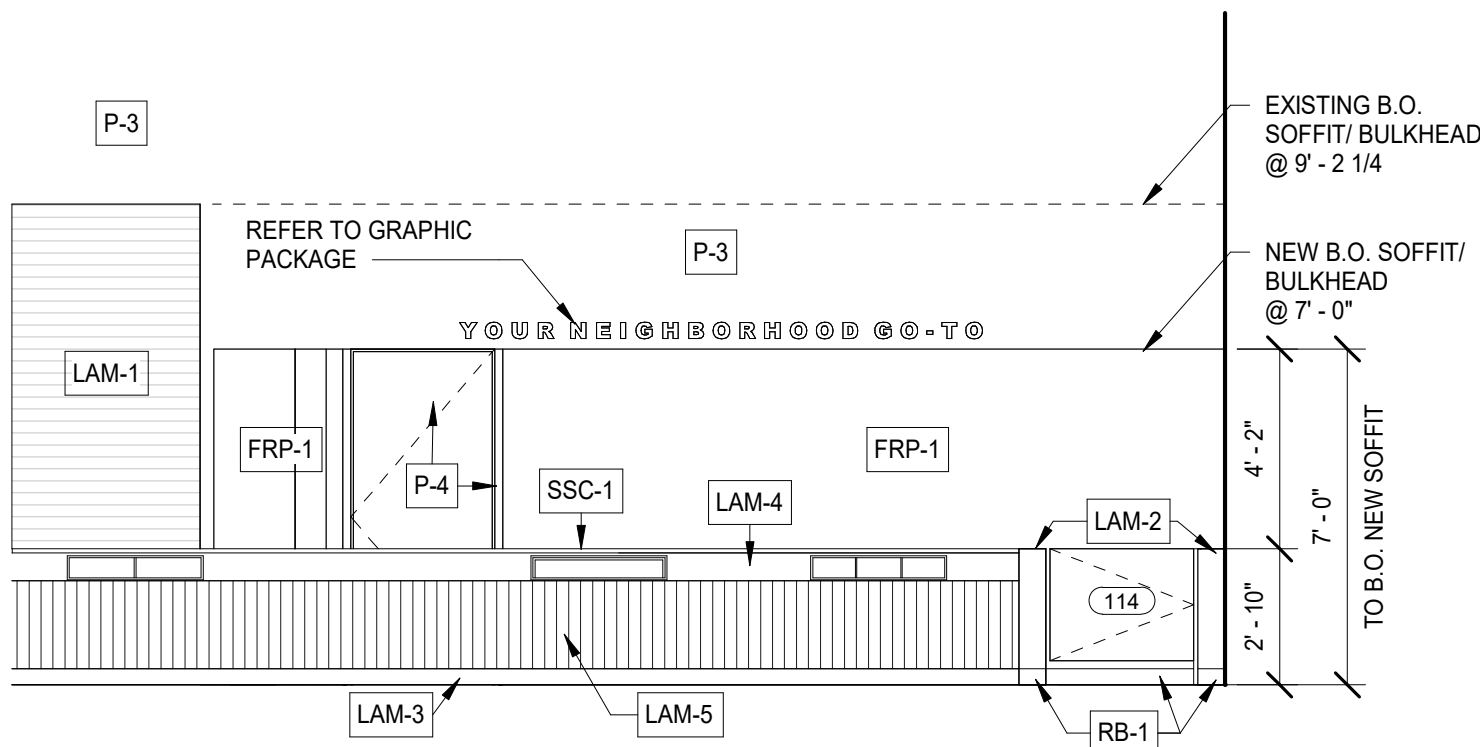
5 INTERIOR ELEVATION - COFFEE
SCALE: 1/4" = 1'-0"



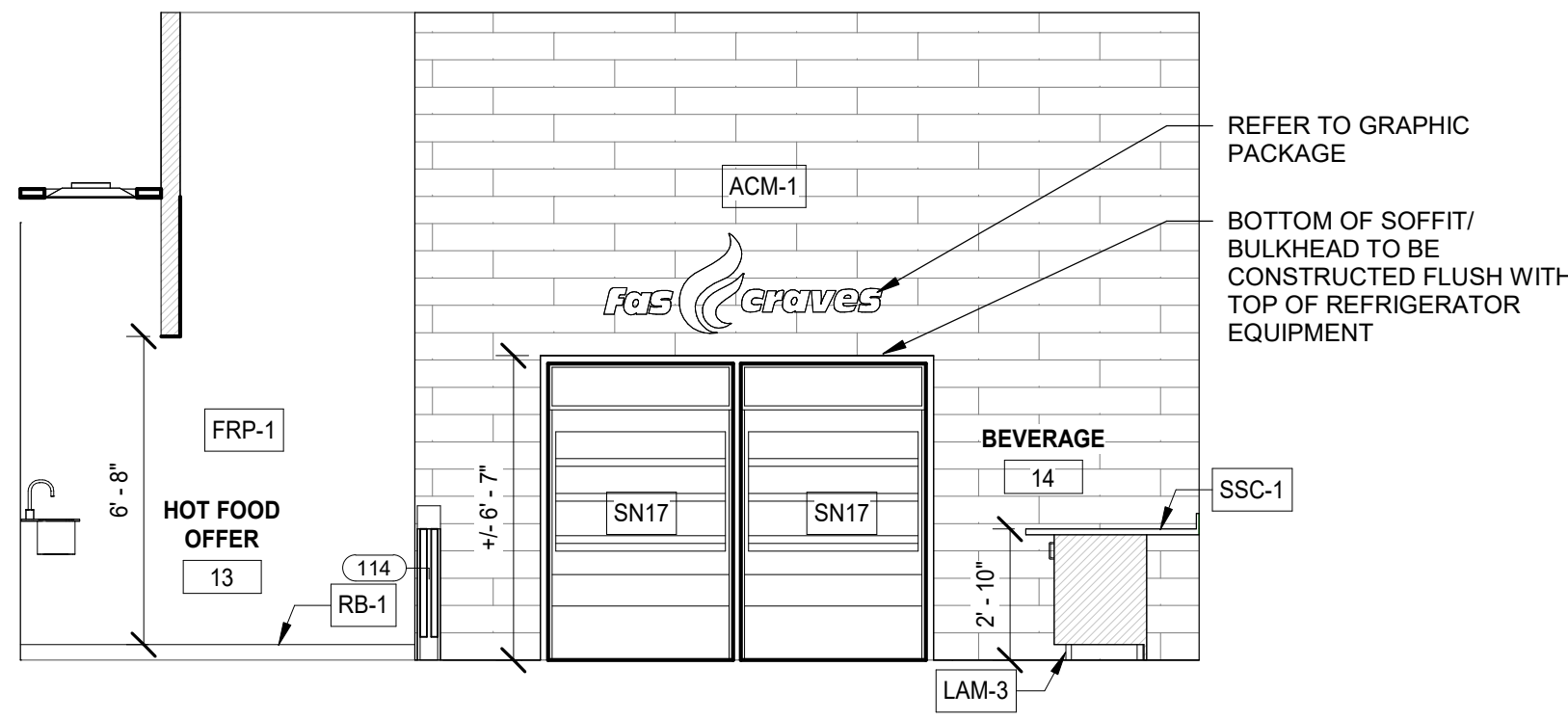
4 INTERIOR ELEVATION - ENTRY
SCALE: 1/4" = 1'-0"



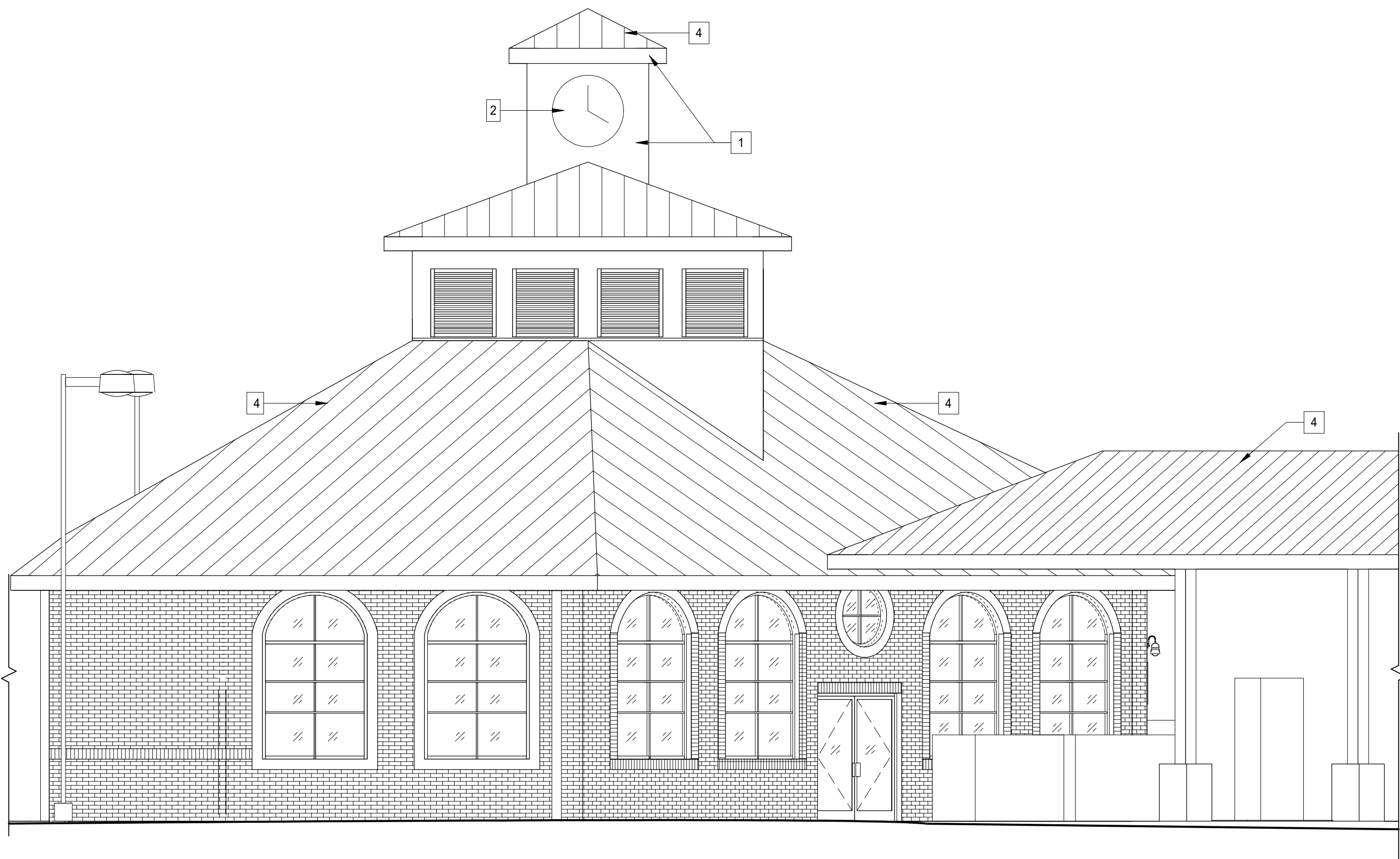
3 INTERIOR ELEVATION - CHECK OUT
SCALE: 1/4" = 1'-0"



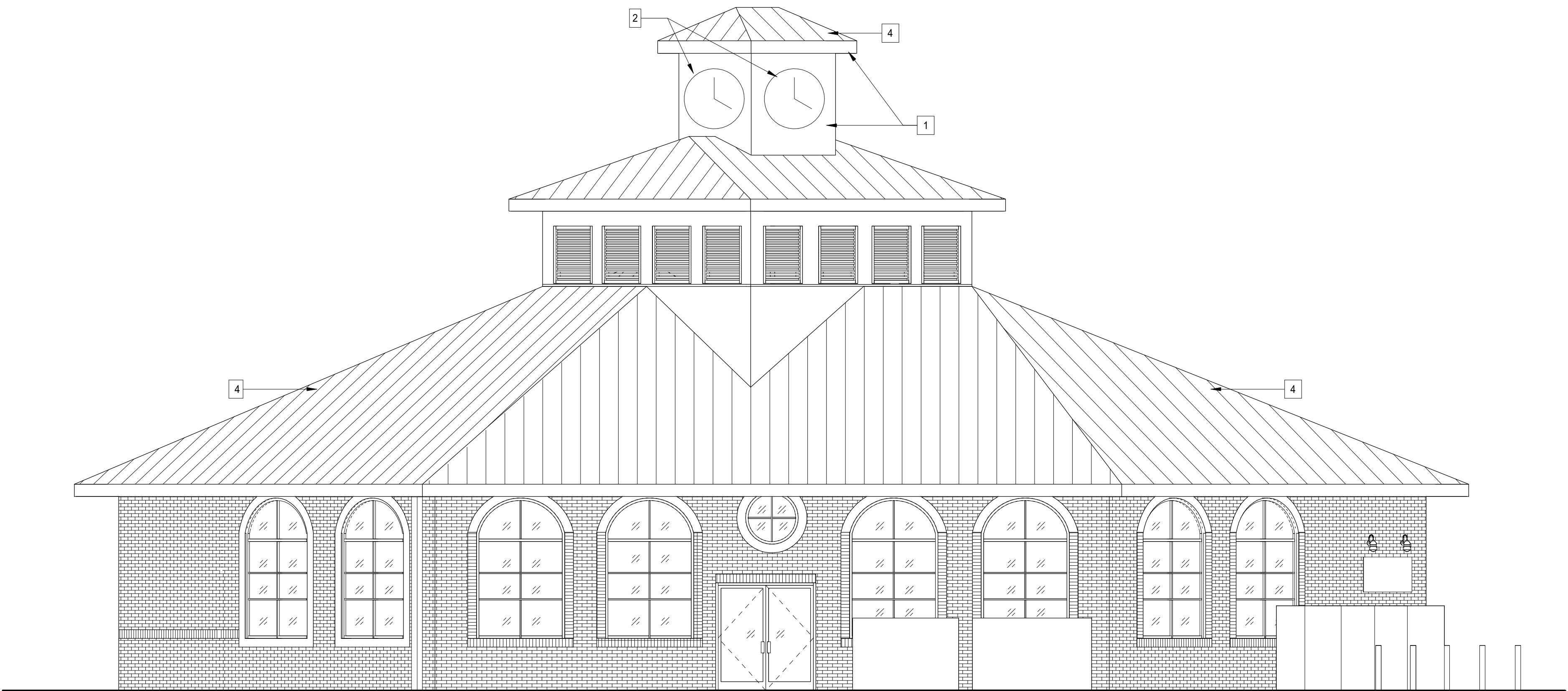
2 INTERIOR ELEVATION - HOT FOOD OFFER
SCALE: 1/4" = 1'-0"



1 INTERIOR ELEVATION - FAS CRAVES
SCALE: 1/4" = 1'-0"



2 LEFT SIDE ELEVATION
SCALE: 3/16" = 1'-0"



1 FRONT ELEVATION
SCALE: 3/16" = 1'-0"

ELEVATION KEYNOTES

- 1 ROOF CUPOLA, FASCIA AND TRIM, PATCH AND REPAIR OR REPLACE DAMAGED FINISHES, MATCH EXISTING FINISHES.
- 2 REPAIR EXISTING CLOCK ON CUPOLA BACK TO GOOD WORKING ORDER.
- 3 GENERAL CONTRACTOR TO GIVE PROPOSAL FOR 200 S.F. OF BRICK/ MORTAR REPAIR TO MATCH EXISTING AS REQUIRED.
- 4 EXISTING METAL ROOF, PAINT TO MATCH EXISTING.
- 5 FIELD VERIFY ABOVE EXTERIOR CONDITIONS AND COORDINATE WITH GPM PROJECT MANAGER.



Ragona Architecture & Design, PLLC
5500 Seventy-Seven Center Drive, Suite 150
Charlotte, NC 28217
T: 704.372.0116 www.rad-arch.com



03.24.25



RENOVATION
OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

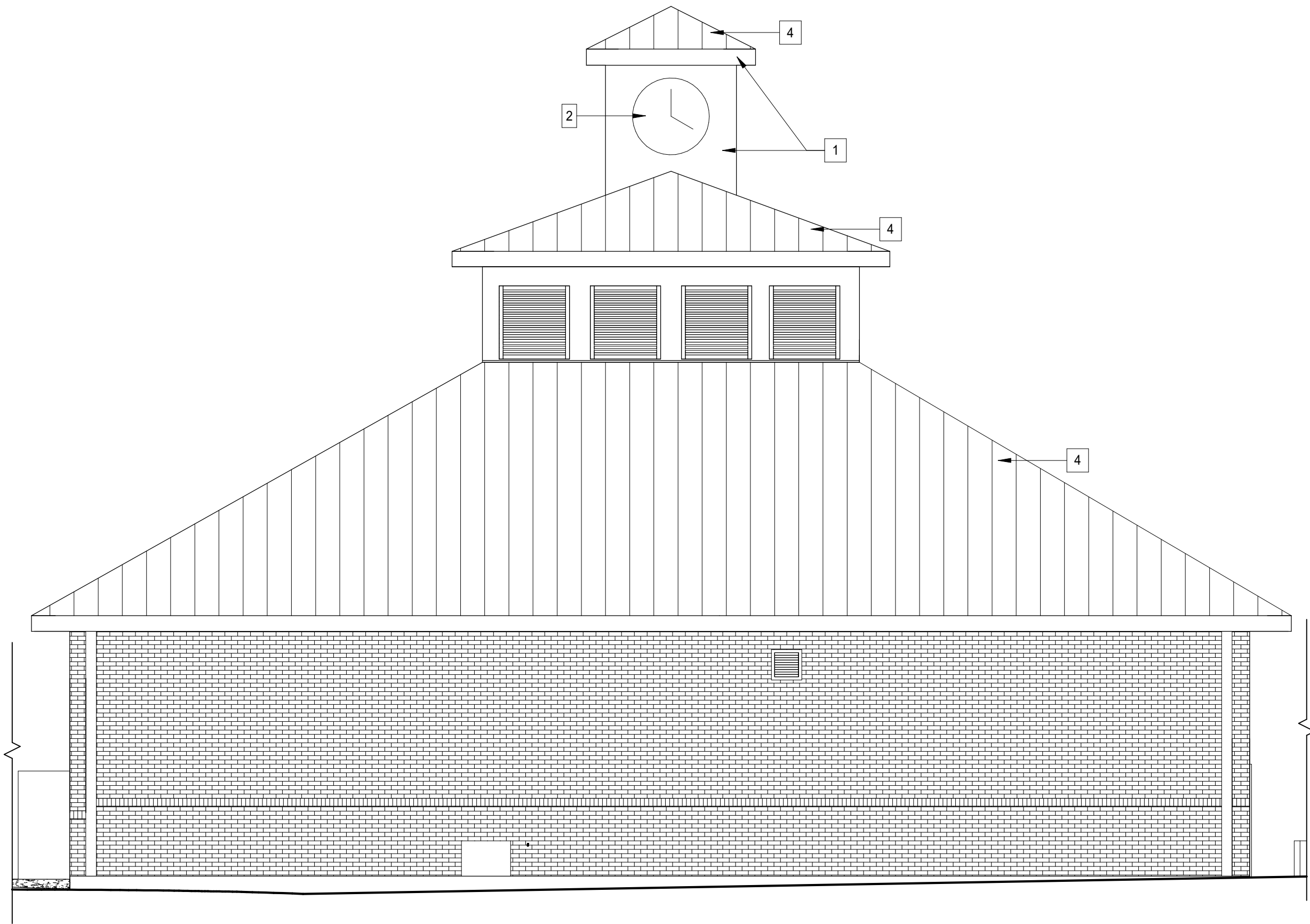
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 04/15/25

DRAWING TITLE

EXTERIOR
BUILDING
ELEVATION

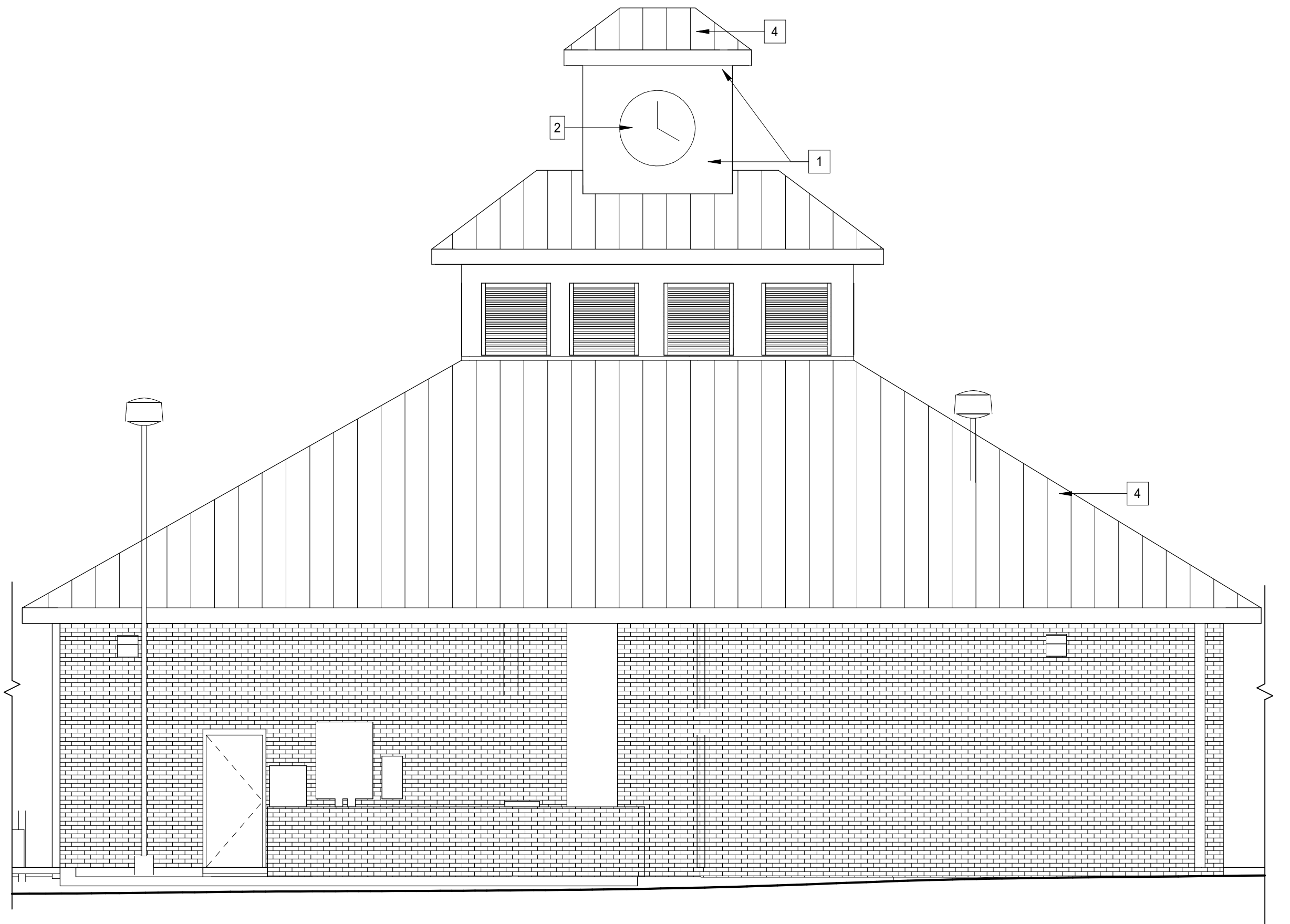
SHEET NUMBER

A302



2 SIDE ELEVATION

SCALE: 3/16" = 1'-0"



1 REAR ELEVATION

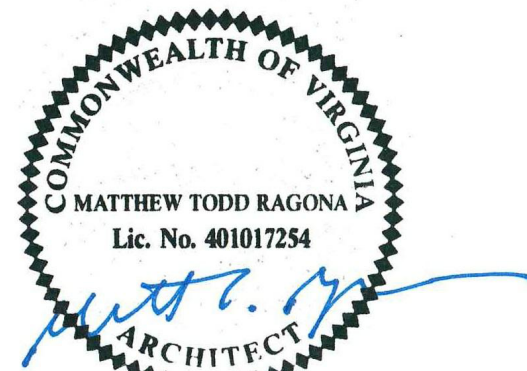
SCALE: 3/16" = 1'-0"

ELEVATION KEYNOTES

- 1 ROOF CUPOLA, FASCIA AND TRIM, PATCH AND REPAIR OR REPLACE DAMAGED FINISHES, MATCH EXISTING FINISHES.
- 2 REPAIR EXISTING CLOCK ON CUPOLA BACK TO GOOD WORKING ORDER.
- 3 GENERAL CONTRACTOR TO GIVE PROPOSAL FOR 200 S.F. OF BRICK/ MORTAR REPAIR TO MATCH EXISTING AS REQUIRED.
- 4 EXISTING METAL ROOF, PAINT TO MATCH EXISTING.
- 5 FIELD VERIFY ABOVE EXTERIOR CONDITIONS AND COORDINATE WITH GPM PROJECT MANAGER.



Ragona Architecture & Design, PLLC
5500 Seventy-Seven Center Drive, Suite 150
Charlotte, NC 28217
T: 704.372.0116 www.rad-arch.com



03.24.25



RENOVATION OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 04/15/25

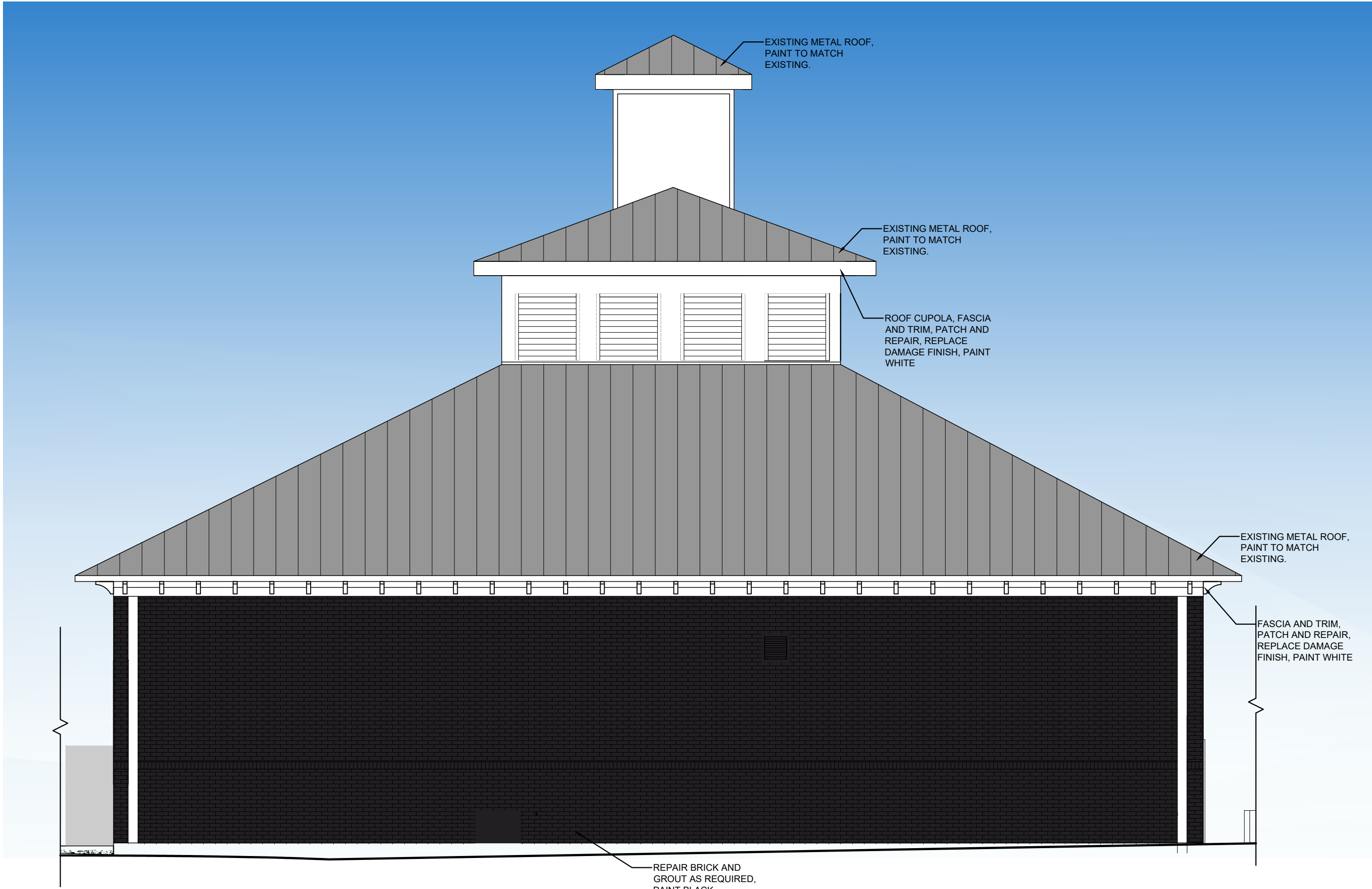
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EXTERIOR
BUILDING
ELEVATION

SHEET NUMBER

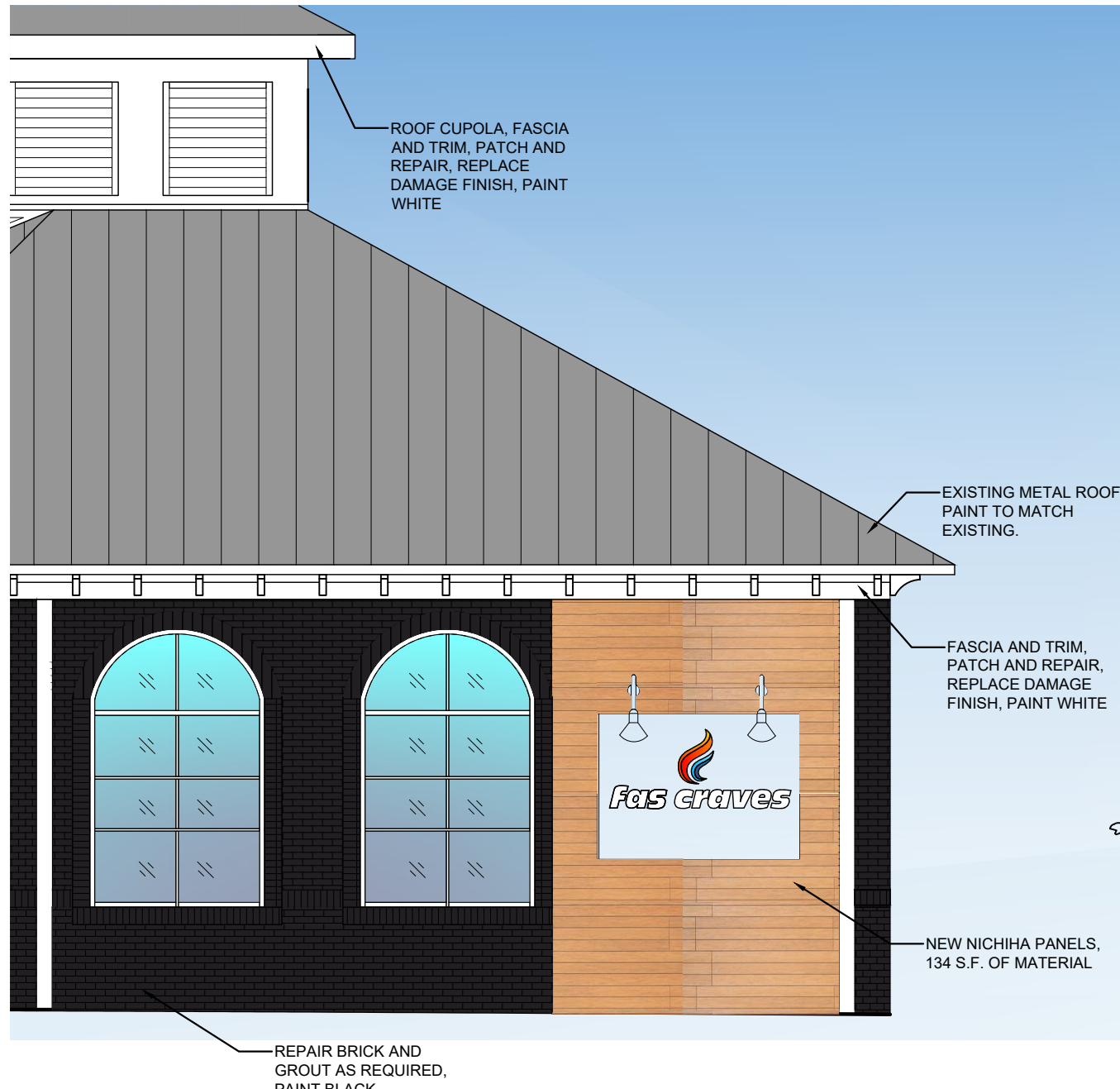
A303

EXISTING SITE PHOTOS



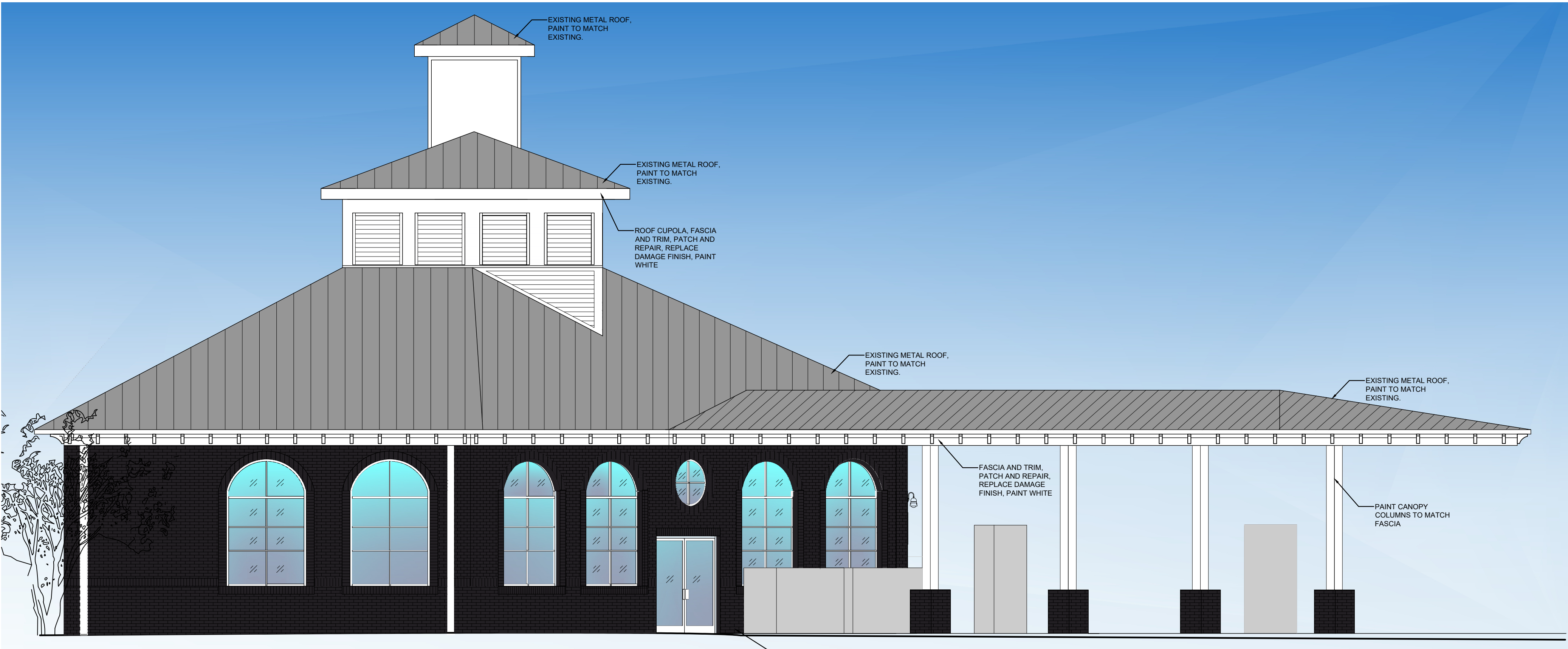
2 LEFT SIDE ELEVATION

Scale: 3/16"=1'-0"



3 SIGNAGE SIDE ELEVATION

Scale: 3/16"=1'-0"

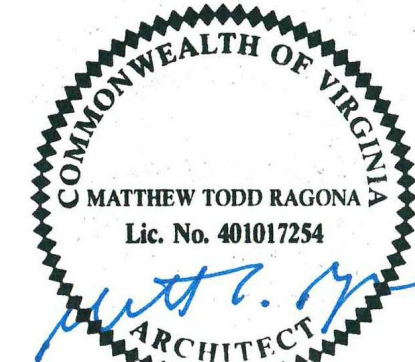


1 FRONT ELEVATION

Scale: 3/16"=1'-0"



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03.24.25



RENOVATION
OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions

#	Date	Description
1	08.06.2025	Colored Elevations

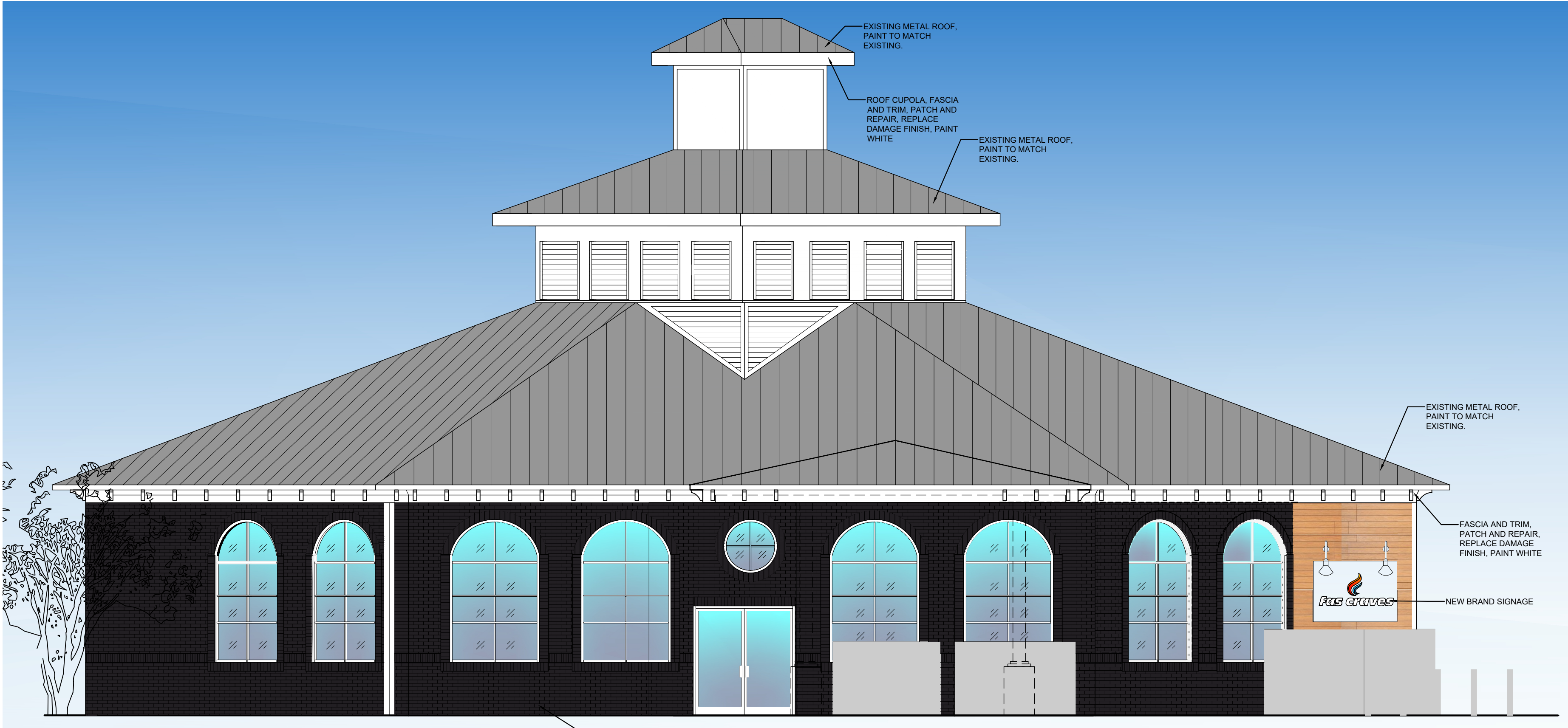
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 08/06/25

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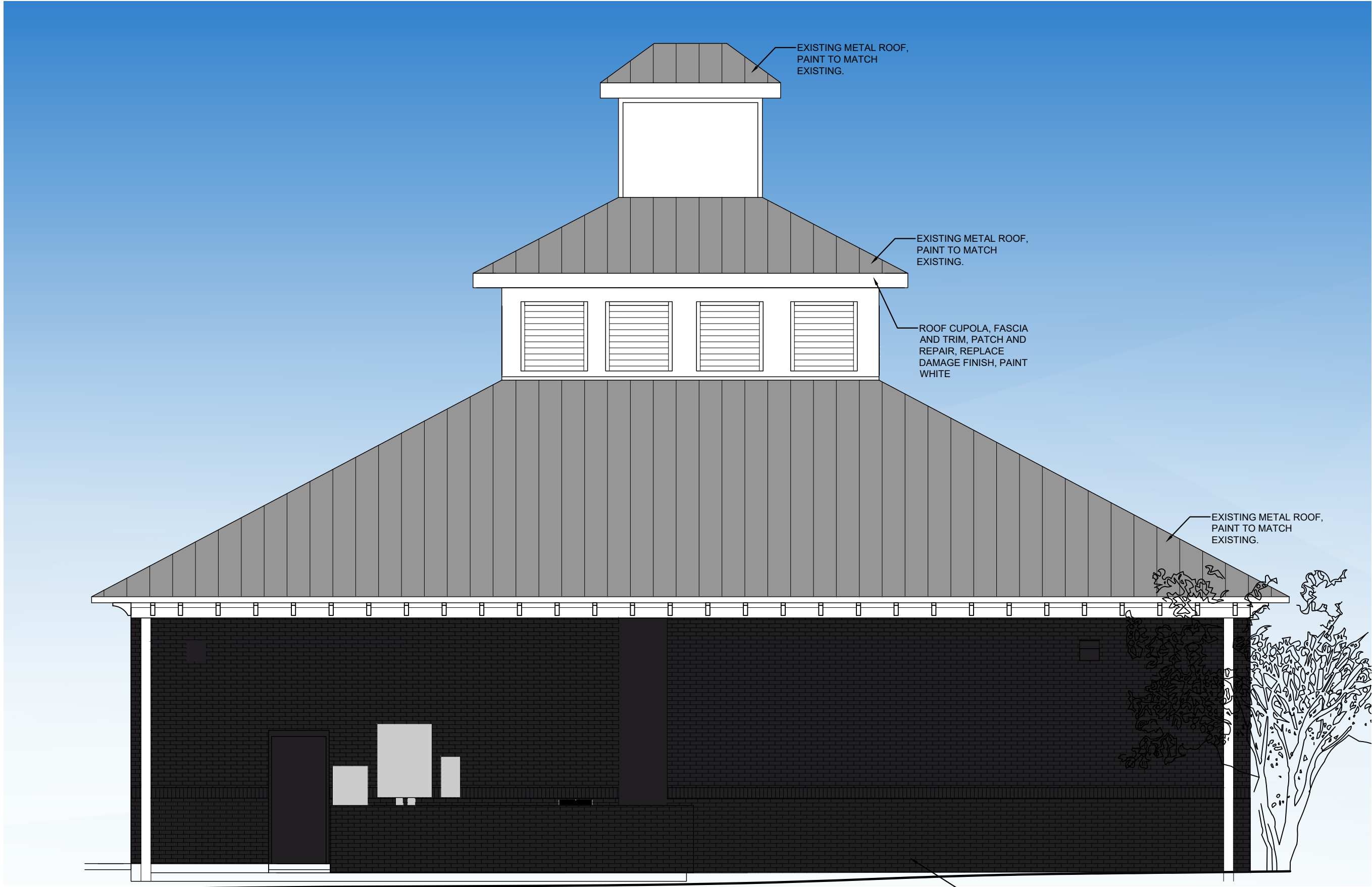
EXTERIOR
BUILDING
COLORED
ELEVATION

SHEET NUMBER

A304



2 SIDE ELEVATION
Scale: 3/16"=1'-0"



1 REAR ELEVATION
Scale: 3/16"=1'-0"



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03.24.25



RENOVATION
OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description
1	08.06.2025	Colored Elevations

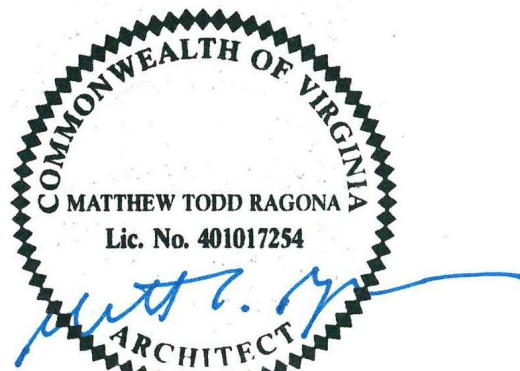
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 08/06/25

DRAWING TITLE

EXTERIOR
BUILDING
COLORED
ELEVATION

SHEET NUMBER

A305



03.24.25



RENOVATION
OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

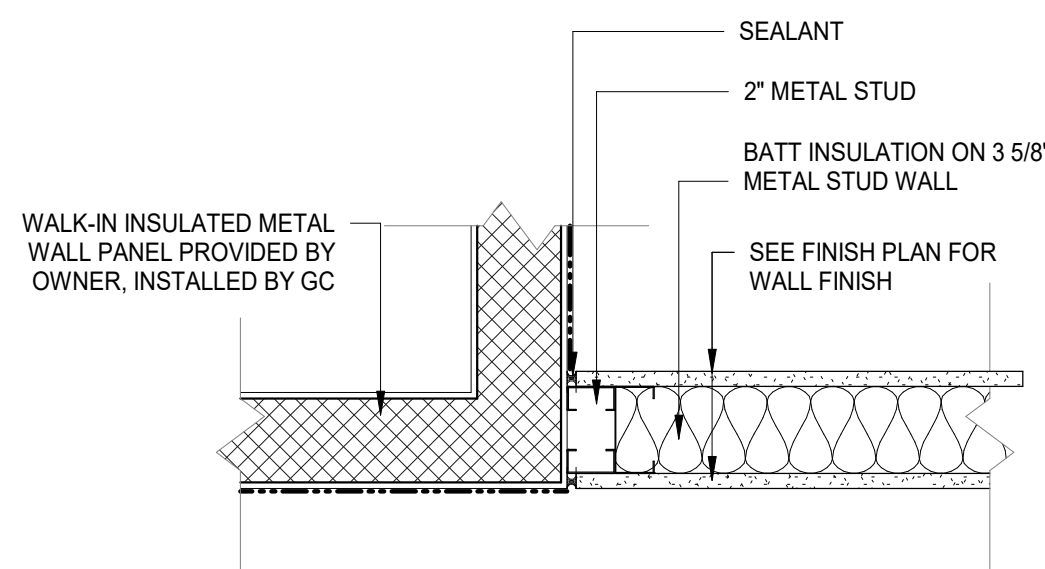
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

INTERIOR DOOR
SCHEDULE &
MISC. DETAILS

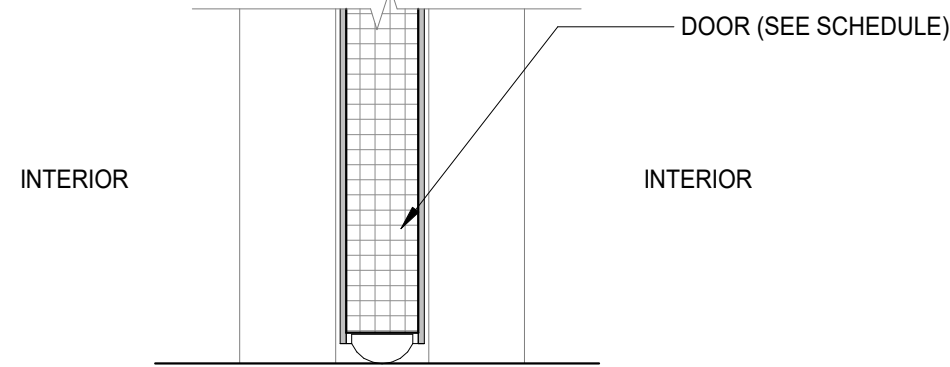
SHEET NUMBER

A701



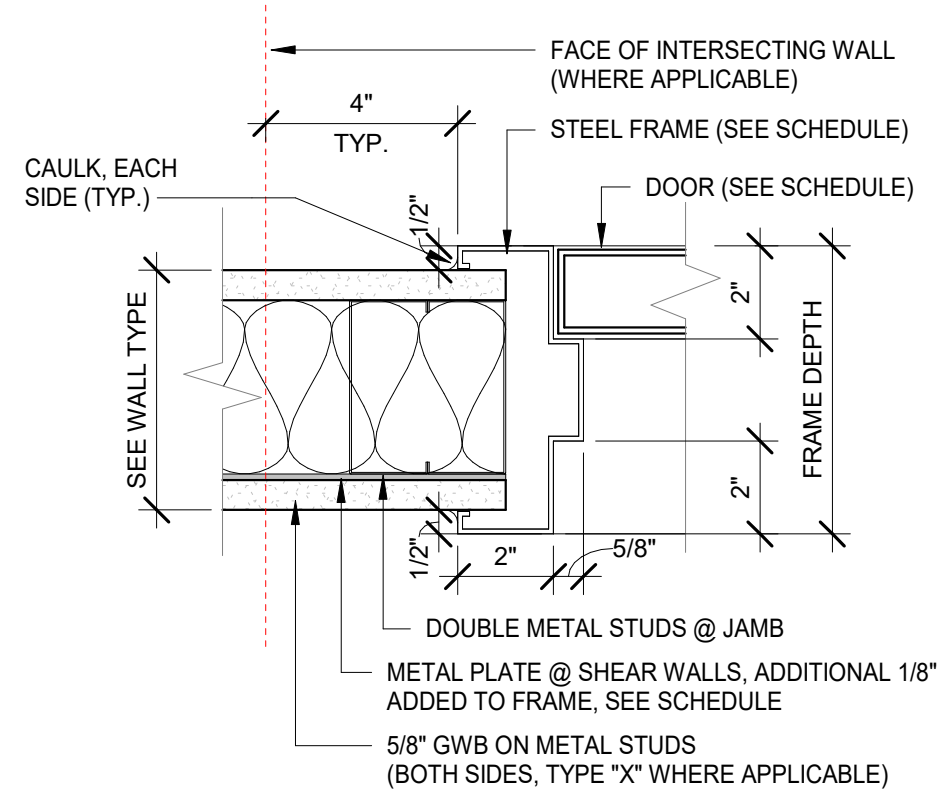
5 DETAIL - TRANSITION AT WALK-IN UNIT

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



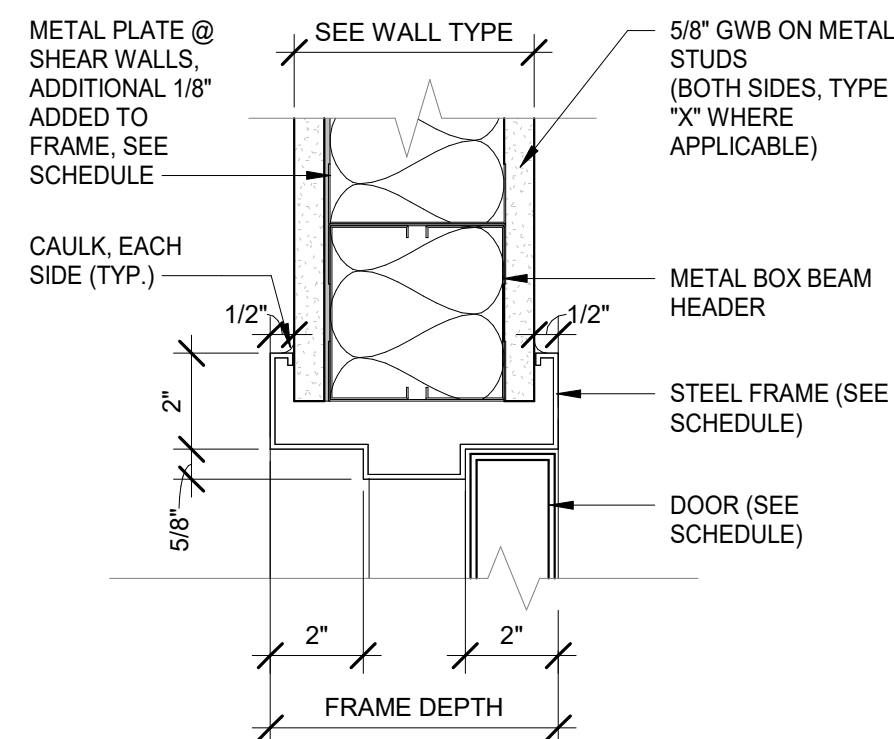
3 DETAIL - HM DOOR SILL

SCALE: 3" = 1'-0"



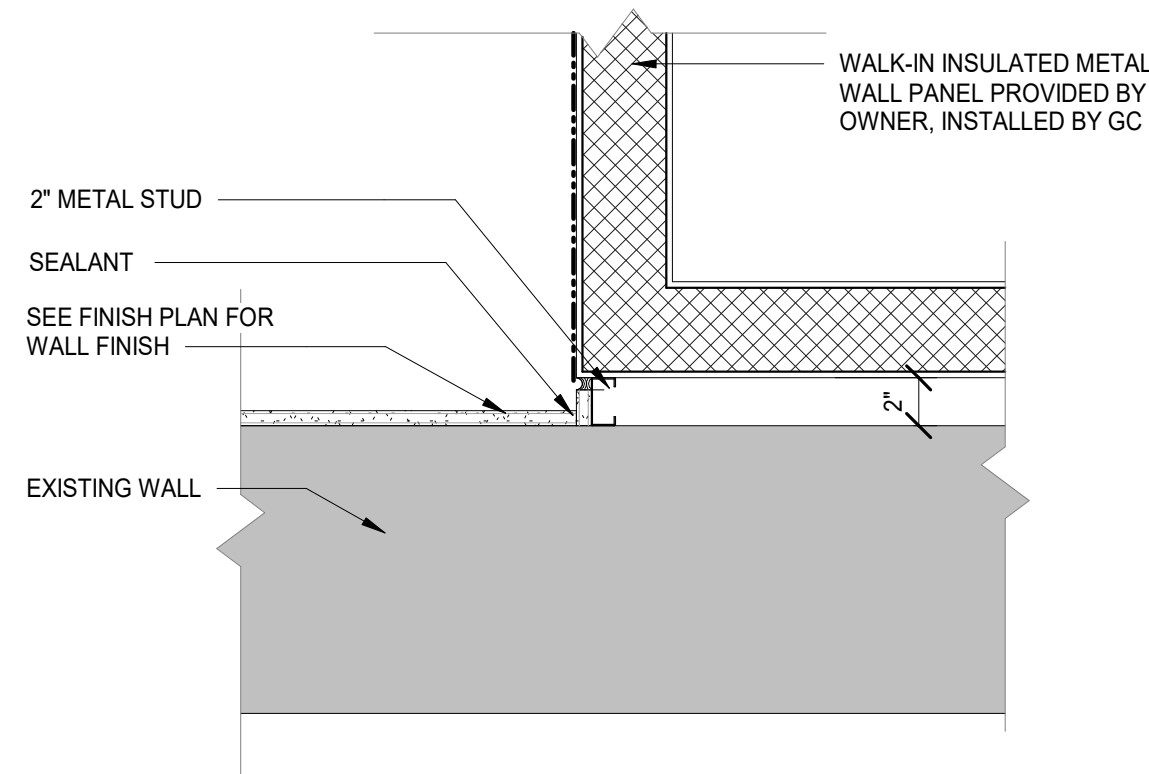
2 INT. DOOR JAMB

SCALE: 3" = 1'-0"



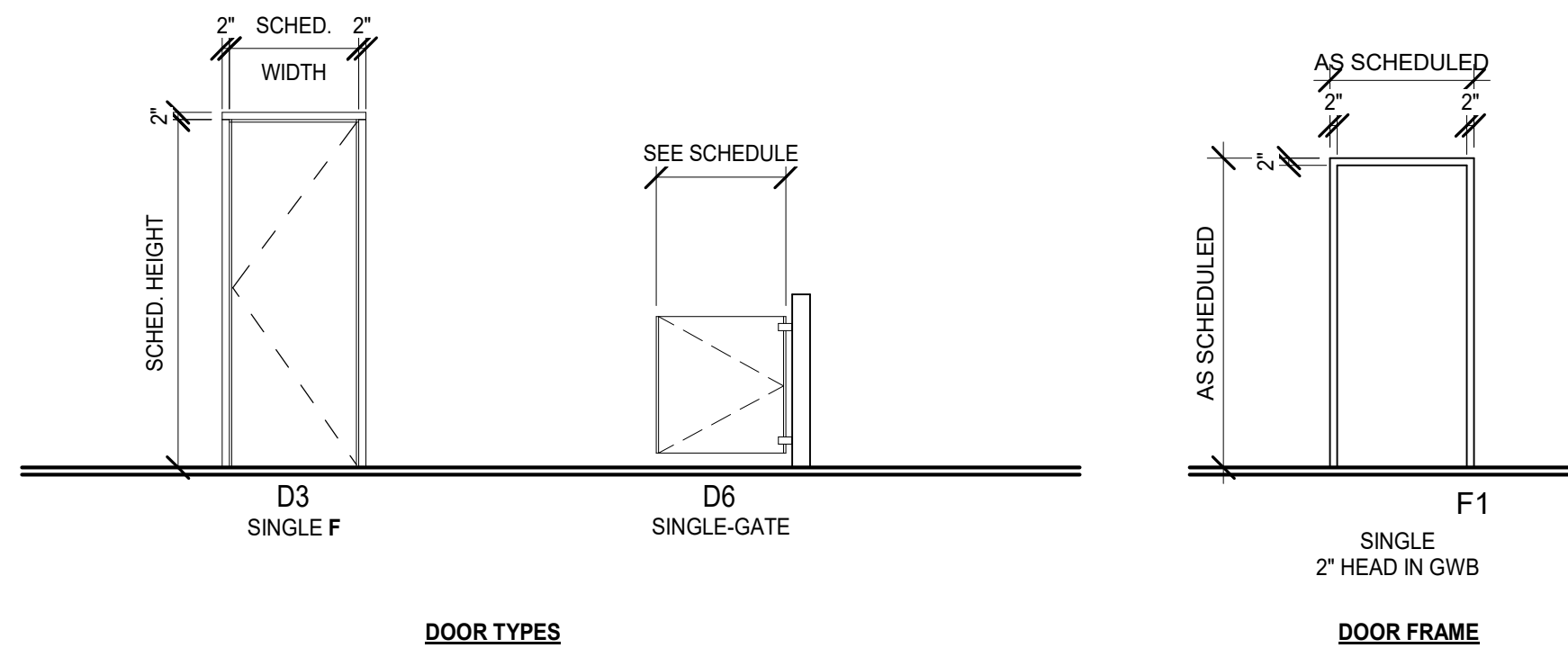
1 INT. DOOR HEAD

SCALE: 3" = 1'-0"



4 DETAIL - CORNER AT WALK-IN UNIT

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



DOOR SCHEDULE															
IDENTIFICATION		DOOR INFORMATION					FRAME INFORMATION			DETAIL REFERENCES			FIRE RATING	COMMENTS	
NUMBER	ROOM NAME	TYPE	DIMENSIONS			MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB			SILL
			WIDTH	HEIGHT	THICKNESS										
101	OFFICE	D3	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT	1/A701	2/A701	3/A701	NA	
102	WALK-IN FREEZER	D3	3' - 2"	7' - 10"		MFR	MFR	NA	MFR	MFR	MFR	MFR	MFR	NA	
103A	BACK OF HOUSE STORAGE	D3	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT	1/A701	2/A701	3/A701	NA	
103B	BACK OF HOUSE STORAGE	D3	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT	1/A701	2/A701	3/A701	NA	
104	WOMENS RESTROOM	D3	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT	1/A701	2/A701	3/A701	NA	
105	MENS RESTROOM	D3	3' - 0"	7' - 0"	1 3/4"	HM	PT	F1	HM	PT	1/A701	2/A701	3/A701	NA	
107	WALK-IN COOLER	D3	3' - 2"	7' - 10"		MFR	MFR	NA	MFR	MFR	MFR	MFR	MFR	NA	
110	CHECK OUT	D6	3' - 0"	2' - 10"	1 3/4"	MFR	MFR	NA	MFR	MFR	MFR	MFR	MFR	NA	
114	HOT FOOD OFFER	D6	3' - 0"	2' - 10"	1 3/4"	MFR	MFR	NA	MFR	MFR	MFR	MFR	MFR	NA	

RENOVATION
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Revisions		
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Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

FINISH FLOOR
PLAN

SHEET NUMBER

A901

INTERIOR FINISH LEGEND

XX	FLOOR TRANSITION DETAIL SYMBOL
+	STARTING POINT
CFT-2:	STYLE: DAL TILE PORCELAIN TILE - Saddlebrook COLOR: FARMHOUSE 5014 (6" x 36") GROUT: MAPIE KERACOLOR SANDED 5047 (CHARCOAL) LOCATION: SALES AREAS - SEE PLAN
CFT-3:	STYLE: DAL TILE PORCELAIN TILE - PORCELAIN TILE - 12"x24" AM341224 COLOR: JET SETTER DUSK-GRAY-MATTE FINISH WITH RUNNING BOND PATTERN GROUT: CUSTOM BUILDING PRODUCTS-POLYBLEND SANDED #60 LOCATION: CHARCOAL RESTROOMS - SEE PLAN
EXP-1:	STYLE: STONHARD EPOXY, STONESHIELD HRI MEDIUM TEXTURE COLOR: GLACIER LOCATION: FOOD PREP/ BOH - SEE PLAN
SC-1: SEALED CONCRETE	EXISTING CONCRETE FLOOR TO BE CLEANED AND SEALED

FLOOR	FINISH TAGS	XX	WALL FINISH TAGS / DETAIL REFERENCE
BASE			
WALL			

INTERIOR FINISH NOTES

- SEE COVER SHEET FOR ABBREVIATIONS AND DRAWING LEGEND
- ALL SHADED / HATCHED AREAS INDICATE "NO WORK" OR "NOT IN CONTRACT" UNLESS OTHERWISE NOTED ON PLAN.
- SPECIFICATIONS, SHOP DRAWINGS/LAYOUTS OF EACH MATERIAL SELECTED ARE TO BE APPROVED BY TENANT/ INTERIOR DESIGNER BEFORE MATERIALS ARE ORDERED.
- INSTALL SCHEDULED FLOORING FROM PARTITION TO PARTITION AND UNDER MILLWORK, U.N.O.
- FLOOR TRANSITIONS SHALL OCCUR UNDERNEATH THE CENTERLINE OF DOOR LEAF, U.N.O.
- INSTALL SCHLUTER TRANSITION STRIPS AT ALL FLOOR FINISH TRANSITIONS.
- INSTALL REDUCER STRIPS AT ALL FLOOR FINISHES TRANSITIONS WITH DISSIMILAR THICKNESS, OR FLOAT FLOORS AS REQUIRED TO PREVENT FLOOR SURFACE TRANSITIONS GREATER THAN 1/4" IN HEIGHT.
- PROVIDE HIGH GLOSS WAX FINISH ON ALL SCHEDULED VCT FLOORING.
- WALLS AND PARTITIONS WITHIN 2 FEET OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4 FEET ABOVE THE FLOOR AND EXCEPT OF STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE, PER SECTION 1210 - SURROUNDING MATERIALS - OF THE 2012 NCSBC
- ALL WALLS ARE TO BE PAINTED WITH (1) BASE COAT AND (2) FINISH COATS, U.N.O. CONFIRM COLORS WITH OWNER PRIOR TO FINISHING
- ALL INTERIOR FINISHES SHALL COMPLY WITH CH. 8 OF THE BUILDING CODE
- ALL CASEWORK TO BE FIELD VERIFIED AND COORDINATED WITH ALL TRADES
- COORDINATE ALL FINAL SPECIFICATIONS AND SIZES FOR TENANT PROVIDED EQUIPMENT PRIOR TO FINAL CASEWORK CONSTRUCTION AND INSTALLATION
- SEE ELECTRICAL ENGINEERING DRAWINGS FOR ELECTRICAL AND COMMUNICATIONS OUTLET INFORMATION. COORDINATE EXACT LOCATION WITH THESE ELEVATIONS AND FINAL EQUIPMENT INSTALLATION BY TENANT
- IF THERE ARE CONFLICTS IN THE DRAWINGS CONTACT THE ARCHITECT FOR CLARIFICATIONS
- PROVIDE FIRE RETARDANT WOOD BLOCKING AT ALL MIRROR AND OTHER WALL MOUNTED ITEMS, WHERE BLOCKING IS REQUIRED
- ALL WET AREAS SHALL HAVE MR-GWB AT WALLS AND AT CEILINGS, PAINTED
- LAY-IN CEILING TILES IN KITCHEN AREA SHALL BE WHITE UNPERFORATED, SMOOTH, WASHABLE FINISH
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- SEE STRUCTURAL DRAWINGS FOR TYPICAL TRENCH INFILL DETAIL TO BE USED AT INTERIOR TRENCHES NEEDED FOR NEW PLUMBING/ ELECTRICAL



1 FINISH FLOOR PLAN
SCALE: 1/4" = 1'-0"

INTERIOR FINISH SCHEDULE							
ROOM NUMBER	ROOM NAME	WALL FINISH	BASE FINISH	FLOOR FINISH	CEILING FINISH	SOFFIT FINISH	FINISH NOTES
1	OFFICE	P-1	RB-1	EXP-1	ACT-1		
2	WALK-IN FREEZER	PER MFR.	PER MFR.	SC-1	PER MFR.		
3	BACK OF HOUSE STORAGE	P-1	RB-1	EXP-1	ACT-2		
4	WOMENS RESTROOM	VARIES	TWB-1	CFT-3	GWB-2		
5	MENS RESTROOM	VARIES	TWB-1	CFT-3	GWB-2		
6	JANITOR	P-1	RB-1	SC-1	GWB-2		
7	WALK-IN COOLER	PER MFR.	PER MFR.	SC-1	PER MFR.		
8	REACH-IN COOLER	EXIST	EXIST	SF-1	SSP1		
9	SALES	P-1	RB-1	CFT-2	ACT-1	EXIST	
10	CHECK OUT	LAM-1	RB-1	CFT-2	ACT-1	EXIST	
11	ENTRY	P-1	RB-1	CFT-2	EXIST	EXIST	
12	COFFEE	P-1	RB-1	CFT-2	EXIST	EXIST	
13	HOT FOOD OFFER	FRP-1	RB-1	EXP-1	ACT-1/ EXIST	EXIST	
14	BEVERAGE	VARIES	RB-1	CFT-2	GWB-1/EXIST	GWB-1	

INTERIOR FINISH NOTES

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- FLOOR TRANSITIONS SHALL OCCUR UNDERNEATH THE CENTERLINE OF DOOR LEAF, U.N.O.
- INSTALL SCHLUTER TRANSITION STRIPS AT ALL FLOOR FINISH TRANSITIONS.
- INSTALL REDUCER STRIPS AT ALL FLOOR FINISHES TRANSITIONS WITH DISSIMILAR THICKNESS, OR FLOAT FLOORS AS REQUIRED TO PREVENT FLOOR SURFACE TRANSITIONS GREATER THAN 1/4" IN HEIGHT.
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- ALL INTERIOR FINISHES SHALL COMPLY WITH CH. 8 OF THE BUILDING CODE
- ALL CASEWORK TO BE FIELD VERIFIED AND COORDINATED WITH ALL TRADES
- COORDINATE ALL FINAL SPECIFICATIONS AND SIZES FOR TENANT PROVIDED EQUIPMENT PRIOR TO FINAL CASEWORK CONSTRUCTION AND INSTALLATION
- SEE ELECTRICAL ENGINEERING DRAWINGS FOR ELECTRICAL AND COMMUNICATIONS OUTLET INFORMATION. COORDINATE EXACT LOCATION WITH THESE ELEVATIONS AND FINAL EQUIPMENT INSTALLATION BY TENANT
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- SEE STRUCTURAL DRAWINGS FOR TYPICAL TRENCH INFILL DETAIL TO BE USED AT INTERIOR TRENCHES NEEDED FOR NEW PLUMBING/ELECTRICAL

FLOOR FINISH		
CFT-1	STYLE COLOR GROUT LOCATIONS	DALTILE PORCELAIN TILE - ASSEMBLE PROXY SQUARE (12" X 24") MAPIE KERACOLOR SANDED 5047 (CHARCOAL) SALES AREAS - SEE SCHEDULES/ PLANS
CFT-2	STYLE COLOR GROUT LOCATIONS	DALTILE PORCELAIN TILE - Saddlebrook FARMHOUSE SD14 (6" x 36") MAPIE KERACOLOR SANDED 5047 (CHARCOAL) SALES AREAS - SEE SCHEDULES/ PLANS
CFT-3	STYLE COLOR GROUT LOCATIONS	DALTILE PORCELAIN TILE - PORCELAIN TILE - 12"x24" AM341224 JET SETTER DUSK-GRAY-MATTE FINISH WITH RUNNING BOND PATTERN CUSTOM BUILDING PRODUCTS-POLYBLEND SANDED #60 CHARCOAL RESTROOMS
EXP-1	STYLE COLOR GROUT LOCATIONS	STONHARD EPOXY, STONSHIELD HRI MEDIUM TEXTURE GLACIER NA FOOD COOKING/ PREP, BOH, RESTROOMS - SEE PLANS
SC-1	STYLE COLOR GROUT LOCATIONS	EXISTING CONCRETE TO BE CLEANED AND SEALED NA NA WALK-IN UNITS - SEE PLANS

WALL BASE		
RB-1	STYLE COLOR GROUT LOCATIONS	JOHNSONITE 4" RUBBER COVE BASE BLACK NA SEE SCHEDULES/ PLANS
TWB-1	STYLE COLOR GROUT LOCATIONS	DALTILE PORCELAIN TILE - PORCELAIN TILE - 6"x12" AM341224 JET SETTER DUSK-GRAY-MATTE FINISH WITH RUNNING BOND PATTERN CUSTOM BUILDING PRODUCTS-POLYBLEND SANDED #60 CHARCOAL RESTROOMS
EXP-1	STYLE COLOR GROUT LOCATIONS	STONHARD EPOXY, STONSHIELD HRI MEDIUM TEXTURE GLACIER NA FOOD COOKING/ PREP, BOH, RESTROOMS - SEE PLANS (VERIFY WITH OWNER)

WALL FINISH		
EXP-1	STYLE COLOR LOCATIONS	INSULATED WALL/CEILING PANELS BY MFR PRE-FINISHED ALUMINUM WALK-IN COOLERS/ FREEZERS
GWB-1	STYLE COLOR LOCATIONS	GWB/ PAINTED SELECTED BY OWNER SEE SCHEDULES/ PLANS
GWB-2	STYLE COLOR LOCATIONS	MR-GWB/ PAINTED SELECTED BY OWNER SEE SCHEDULES/ PLANS
FRP-1	STYLE COLOR LOCATIONS	MARLITE OR EQUAL FRP PANELS AND TRIM P199 BRIGHT WHITE/ PEBBLED FINISH FOOD COOKING/ PREP - SEE SCHED / PLANS
FRP-2	STYLE COLOR LOCATIONS	MARLITE SYMMETRIX PANELS - 8 X 4 SUBWAY TILE DARK BLUE - CUSTOM COLOR TO MATCH PMS 289C W/ GRAY SCORES WALLS - SEE ELEVATIONS
FRP-3	STYLE COLOR LOCATIONS	MARLITE SYMMETRIX PANELS - RECTANGULAR HORIZ. 3 X 9 CONFIG. WHITE W/GRAY SCORES WALLS - SEE ELEVATIONS / SCHED / PLANS
FRP-4	STYLE COLOR LOCATIONS	MARLITE TRUE OAK WALLS - SEE ELEVATIONS / SCHED / PLANS
ACM-1	STYLE COLOR LOCATIONS	ALPOLIC TIMBER SERIES QWP WILD PLUM (62" X 196") FAS CRAVES SURROUND
ACM-1 (ALT)	STYLE COLOR LOCATIONS	WILSONART HPL PLANKED TEXAS WALNUT Y0466K-12 (12 SOFT GRAIN WITH AEON FINISH) 4'X8' OR 5'X12' FAS CRAVES SURROUND
WT-1	STYLE COLOR GROUT LOCATIONS	DALTILE PORCELAIN TILE - PORCELAIN TILE - 12"x24" AM341224 JET SETTER DUSK-GRAY-MATTE FINISH WITH RUNNING BOND PATTERN CUSTOM BUILDING PRODUCTS-POLYBLEND SANDED #60 CHARCOAL RESTROOMS
WT-2	STYLE COLOR GROUT LOCATIONS	DALTILE PORCELAIN TILE - GLAZED PORCELAIN ISIS GLASS TILE-2"X12" RED HOT CW302121P WITH RUNNING BOND PATTERN CUSTOM BUILDING PRODUCTS-POLYBLEND SANDED #60 CHARCOAL RESTROOMS

CEILING		
ACT-1	STYLE COLOR LOCATIONS	ARMSTRONG 2X2 ACOUSTIC SUSPENDED ULTIMA LAY-IN CEILING TILE/GRID WHITE SEE SCHEDULES/ PLANS
ACT-2	STYLE COLOR LOCATIONS	ARMSTRONG 2X2 & 2X4 SUSPENDED KITCHEN ZONE LAY-IN CEILING TILE/ GRID WHITE (WASHABLE) LOCATION(S); FOOD COOKING/ PREP. - SEE PLANS
GWB-1	STYLE COLOR LOCATIONS	GYPSUM WALL BOARD WHITE P-3 (WASHABLE) RESTROOM / FOOD COOKING/PREP. - SEE PLANS

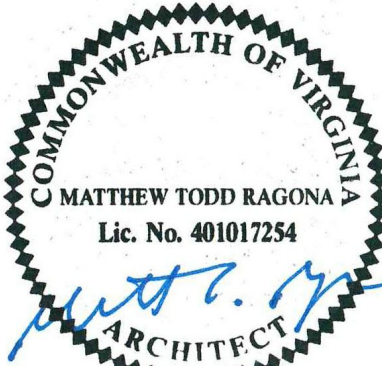
REST ROOM FINISH		
CFT-3	STYLE COLOR GROUT LOCATIONS	DALTILE PORCELAIN TILE - PORCELAIN TILE - 12"x24" AM341224 JET SETTER DUSK-GRAY-MATTE FINISH WITH RUNNING BOND PATTERN CUSTOM BUILDING PRODUCTS-POLYBLEND SANDED #60 CHARCOAL RESTROOMS
ACT-2	STYLE COLOR LOCATIONS	ARMSTRONG 2X2 & 2X4 SUSPENDED KITCHEN ZONE LAY-IN CEILING TILE/ GRID WHITE (WASHABLE) LOCATION(S); FOOD COOKING/ PREP. - SEE PLANS
GWB-1	STYLE COLOR LOCATIONS	GYPSUM WALL BOARD WHITE P-3 (WASHABLE) RESTROOM / FOOD COOKING/PREP. - SEE PLANS

INTERIOR PAINT			
P-1	STYLE: COLOR: LOCATIONS	SHERMAN WILLIAMS SW 9180 AGED WHITE 1 COAT PRIMER + 2 COATS PAINT SALES FLOOR SOFFIT - SEE ELEVATIONS	
P-2	STYLE: COLOR: LOCATIONS	SHERMAN WILLIAMS SW 7069 IRON ORE 1 COAT PRIMER + 2 COATS PAINT SALES FLOOR - SEE ELEVATIONS	
P-3	STYLE: COLOR: LOCATIONS	SHERMAN WILLIAMS SW EXTRA WHITE 1 COAT PRIMER + 2 COATS PAINT SALES FLOOR SOFFIT - SEE ELEVATIONS	
P-4	STYLE: COLOR: LOCATIONS	SHERMAN WILLIAMS ProMar 200 SW 2942 LIBERTY BLUE 1 COAT PRIMER + 2 COATS PAINT SALES FLOOR SOFFIT - SEE ELEVATIONS	
P-5	STYLE: COLOR: LOCATIONS	SHERMAN WILLIAMS SW6888 REAL RED 1 COAT PRIMER + 2 COATS PAINT SALES COUNTER SOFFIT - SEE ELEVATIONS	
P-6	STYLE: COLOR: LOCATIONS	SHERMAN WILLIAMS SW6991 BLACK MAGIC 1 COAT PRIMER + 2 COATS PAINT DOOR FRAMES/METAL TRIM	

PAINT TYPE/ SHEEN	
PREMIUM GRADE LATEX ENAMEL, 2 COATS PAINT OVER 1 COAT PRIMER, WITH THE FOLLOWING SHEEN DEPENDING ON SUBSTRATE / LOCATION. FLAT CEILINGS AND SOFFITS. EGGSHELL GYPSUM WALL BOARD WALLS SEMI-GLOSS: MASONRY WALLS, CONCRETE, DOOR / FRAMES AND METALS FLOOR FINISH	
NOTE:	G.C. TO CONFIRM ALL SHEEN'S / LOCATIONS FOR PAINT WITH OWNER PRIOR TO PAINTING

COUNTERTOPS		
SSC-1	STYLE COLOR LOCATIONS	CORIAN SOLID SURFACE ANTARTICA ALL COUNTERTOPS SALES FLOOR
SSC-2	STYLE COLOR LOCATIONS	CORIAN SOLID SURFACE ARROWROOT RESTROOM COUNTERTOPS

MILLWORK LAMINATE			
LAM-1	STYLE COLOR LOCATIONS	WILSONART HPL Coronado Oak 8244K-28 (28 Gloss Line Finish with Aeon) CASHWRAP/HOT COFFEE	
LAM-2	STYLE COLOR LOCATIONS	WILSONART HPL CHARCOAL VELVET 15504-31 (31 TRACELESS FINISH) CASHWRAP	
LAM-3	STYLE COLOR LOCATIONS	WILSONART HPL 1595-60 MATTE BLACK (60 MATTE FINISH) MILLWORK TOE KICKS	
LAM-4	STYLE COLOR LOCATIONS	WILSONART DECORATIVE METAL LAMINATE ALUMASTEEL 6277 HOT BEVERAGE MILLWORK	
LAM-5	STYLE COLOR LOCATIONS	FORMICA LAMINATE 845 SPECTRUM RED FOOD/COLD BEVERAGE MILLWORK	
LAM-6	STYLE COLOR LOCATIONS	FORMICA LAMINATE WHITE MILLWORK THAT CUSTOMERS CAN NOT SEE	



03.24.25



RENOVATION OF STORE # 3615

1248 CROZET AVE.
CROZET, VA 22932

Revisions		
#	Date	Description

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

INTERIOR FINISH SCHEDULE

SHEET NUMBER

A902

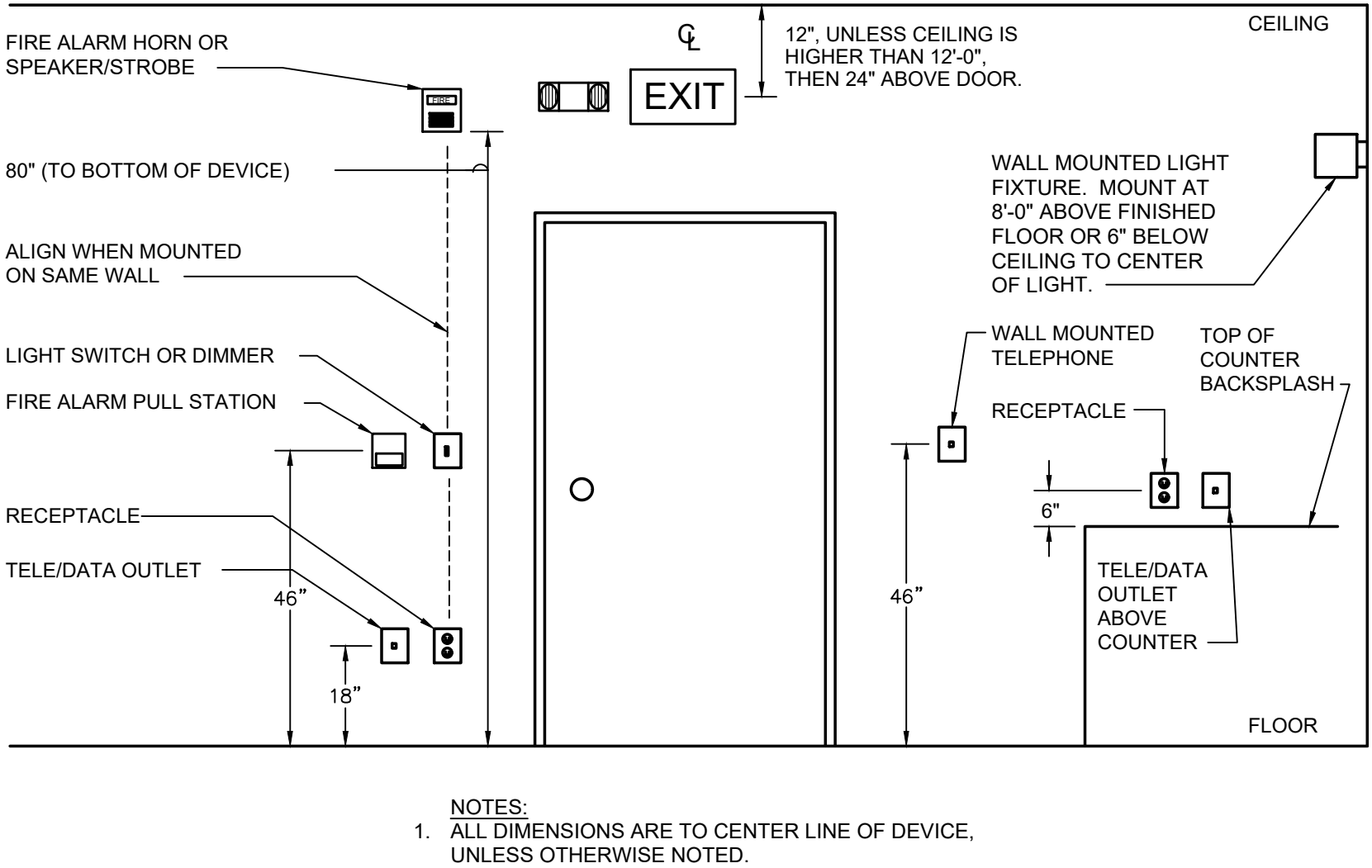
ELECTRICAL SPECIFICATIONS	
PART 1: GENERAL	
A. PROVIDE ALL WORK AND MATERIALS FOR THE INSTALLATION OF COMPLETE WIRING SYSTEMS AS SPECIFIED HEREIN AND INDICATED ON THE DRAWINGS.	
B. ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR.	
C. ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.	
D. WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, OSHA, STATE BUILDING CODE AND ALL OTHER APPLICABLE LOCAL REQUIREMENTS. ALL WORK SHALL COMPLY WITH THE LATEST ADDITION OF NECA STANDARDS OF INSTALLATION.	
E. ALL MATERIALS, DEVICES, AND APPLIANCES SHALL BE NEW, EXCEPT WHERE OTHERWISE NOTED, AND SHALL BE LISTED BY AN APPROVED TESTING AGENCY WHERE SUCH A LISTING IS AVAILABLE. FACTORY ASSEMBLED EQUIPMENT SHALL BE LISTED AND LABELED AS AN ASSEMBLY. ANY EQUIPMENT NOT LISTED SHALL HAVE PRIOR APPROVAL FROM THE LOCAL AUTHORITY HAVING JURISDICTION. ALL MATERIALS SHALL COMPLY WITH APPLICABLE ANSI, IEEE AND NEMA STANDARDS.	
F. PROVIDE ALL CUTTING, PATCHING, CHANNELING AND CHASING FOR INSTALLATION OF WORK AND REPAIR ANY DAMAGE OF EXISTING OR NEW INSTALLATIONS AT THE CONTRACTORS EXPENSE.	
G. SHOP DRAWINGS AND CATALOG DATA SHALL BE SUBMITTED FOR APPROVAL PRIOR TO BEGINNING WORK. SUBMIT FOUR COPIES OF SHOP DRAWINGS FOR LIGHTING FIXTURES, LAMPS, BALLASTS AND PANELBOARDS. SUBMIT FOUR COPIES OF CATALOG DATA FOR DISCONNECT SWITCHES AND WIRING DEVICES.	
H. PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR PANELBOARDS, WIRING TROUGHS, AND FUSED SWITCHES, WHITE LETTERS ON BLACK FOR 120/208 VOLT SYSTEMS. LABEL ALL BREAKERS INSIDE THE PANEL NEXT TO THE BREAKER USING THE NUMBER SCHEME INDICATED ON THE DRAWINGS.	
I. AN ELECTRICAL INSPECTION CERTIFICATE SHALL BE ISSUED BY THE LOCAL INSPECTION AUTHORITIES BEFORE APPROVAL FOR FINAL PAYMENT.	
J. THE CONDUIT AND NEUTRAL SYSTEM SHALL BE GROUNDED AT THE MAIN SERVICE EQUIPMENT. GROUNDING ELECTRODE SYSTEM SHALL BE INSTALLED PER N.E.C. ARTICLE 250 AND AS INDICATED ON THE DRAWINGS.	
K. WIRING SHALL BE TESTED FOR CONTINUITY AND GROUNDS BEFORE BEING ENERGIZED. FAULTY WIRING SHALL BE REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.	
L. IF, DURING THE COURSE OF WORK, THE ELECTRICAL CONTRACTOR DISCOVERS A PROBLEM WITH THE PERFORMANCE OF THE INSTALLATION RELATIVE TO THE PLANS AND SPECIFICATIONS OR NEC OR OTHER CODES, THE CONTRACTOR SHALL IMMEDIATELY BRING THE PROBLEM TO THE ATTENTION OF THE ARCHITECT OR ENGINEER FOR RESOLUTION PRIOR TO THE EXECUTION OF THE WORK.	
M. THE ELECTRICAL CONTRACTOR SHALL CONNECT ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS, UNLESS OTHERWISE NOTED, EXCEPT FOR CONTROL WIRING FOR EQUIPMENT NOT PROVIDED BY THE ELECTRICAL CONTRACTOR. CONTROL WIRING FOR SUCH EQUIPMENT SHALL BE PROVIDED BY THE RESPECTIVE DISCIPLINE.	
N. COORDINATE LOCATION AND REQUIREMENTS FOR ELECTRICAL SERVICE WITH THE POWER COMPANY. WHERE MORE THAN ONE SERVICE IS SUPPLIED TO A BUILDING, PROVIDE IDENTIFICATION AT EACH SERVICE PER NEC 230-2(B) AND AS INDICATED ON THE DRAWINGS.	
O. COORDINATE LOCATION AND REQUIREMENTS FOR TELEPHONE SERVICE WITH THE TELEPHONE COMPANY AND AS INDICATED ON THE DRAWINGS.	
P. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PROVIDING TEMPORARY POWER.	
PART 2: RACEWAY	
A. CONDUIT SHALL BE ZINC-COATED EMT INDOORS. EMT FITTINGS SHALL BE STEEL SCREW. MINIMUM SIZE SHALL BE 1/2", UNLESS OTHERWISE NOTED. USE SCHEDULE 40 PVC OUTDOORS ABOVE 8'-0" OR BELOW GRADE. USE IMC WHERE REQUIRED BY CODE OR EXPOSED BELOW 8'-0".	
B. SUPPORT ALL CONDUITS WITH STRAPS AND CLAMPS. RUN ALL CONDUIT PARALLEL OR PERPENDICULAR TO BUILDING WALLS.	
C. JUNCTION AND PULL BOXES SHALL BE CODE GAUGE GALVANIZED SHEET METAL.	
D. LIQUID-TIGHT FLEXIBLE METAL CONDUIT SHALL BE USED FOR EQUIPMENT CONNECTIONS, BUT NOT AS A WIRING METHOD OUTDOORS.	
E. MC CABLE MAY BE USED AS A WIRING METHOD WHERE ALLOWED BY CODE.	
F. RACEWAY PENETRATIONS THROUGH FLOOR SLABS AND FIRE-RATED WALLS SHALL BE FILLED WITH IMPERVIOUS, NON-SHRINK GROUT SUFFICIENTLY TIGHT TO PREVENT THE TRANSFER OF SMOKE, WATER, AND DUST. ROOF PENETRATIONS SHALL BE WITHIN THE EQUIPMENT CURB WHERE POSSIBLE.	
G. CONDUIT INSTALLED UNDERGROUND OR IN CONCRETE SHALL HAVE JOINTS MADE WATER-TIGHT BY USE OF POLYTETRA-FLUOROETHYLENE TAPE. APPROVED SEALS SHALL BE PROVIDED IN HAZARDOUS LOCATIONS AS REQUIRED BY THE N.E.C.	
PART 3: CONDUCTORS	
A. ALL CONDUCTORS SHALL BE SINGLE CONDUCTOR COPPER, THINWTHN, SOLID FOR SIZES #14 THROUGH #10, THINWTHN STRANDED FOR SIZES #8 AND LARGER.	
B. BRANCH CIRCUITS SHALL NOT BE SMALLER THAN #12 AWG. CONTROL WIRING MAY BE #14 AWG.	
C. CONDUCTORS SHALL BE COLOR CODED BLACK/RED/BLUE FOR 120/208 VOLT SYSTEMS FOR A, B, AND C PHASES, RESPECTIVELY.	
D. WIRING TO LIGHTING FIXTURES SHALL BE AS REQUIRED BY UL LABEL.	
E. ALL BRANCH CIRCUIT CONDUITS OR CABLE ASSEMBLES SHALL CONTAIN AN INSULATED GREEN GROUNDING CONDUCTOR SIZED PER NEC 250-122.	
F. ALL CONDUCTORS INSTALLED IN VERTICAL RACEWAYS SHALL BE SUPPORTED AT INTERVALS AS REQUIRED PER NEC ARTICLE 300-19.	
G. ALL EQUIPMENT AND DEVICE TERMINATIONS SHALL BE UL LISTED FOR USE WITH 75°C INSULATED CONDUCTORS AT THEIR 75°C AMPACITY.	
H. EITHER PROVIDE A SEPARATE NEUTRAL FOR EACH PHASE CONDUCTOR IN ALL BRANCH CIRCUITS OR 20A -1P BREAKER WITH HANDLE THE FOR 20A CIRCUITS THAT SHARE COMMON NEUTRAL.	
PART 4: DISCONNECT SWITCHES	
A. DISCONNECT SWITCHES SHALL BE HEAVY-DUTY TYPE IN NEMA 1 ENCLOSURES (UNLESS OTHERWISE INDICATED) OR NON-FUSED AS INDICATED. FUSED SWITCHES SHALL HAVE REJECTION-TYPE FUSE CLIPS. SWITCHES SHALL BE SQUARE D, OR EQUAL, FUSES SHALL BE CLASS R-5, TIME DELAY. A SET OF 3 SPARE FUSES OF EACH SIZE AND TYPE SHALL BE FURNISHED TO THE OWNER.	
PART 5: WIRING DEVICES	
A. WIRING DEVICES SHALL BE COLOR SELECTED BY ARCHITECT/OWNER WITH MATCHING PLASTIC COVER PLATES. SPECIFICATION GRADE AS INDICATED BELOW, EQUAL TO THE PASS & SEYMOUR QUALITY INDICATED.	
TOGGLE SWITCHES SHALL BE AS FOLLOWS:	
SINGLE POLE 20 AMP THREE WAY 20 AMP	
PASS & SEYMOUR CSB20AC1 PASS & SEYMOUR CSB20AC3	
DUPLEX RECEPTACLES SHALL HAVE A NYLON FACE AND SHALL BE AS FOLLOWS:	
15 AMP DUPLEX 20 AMP DUPLEX 15 AMP DUPLEX-GFCI 20 AMP DUPLEX-GFCI	
PASS & SEYMOUR CRB5022 PASS & SEYMOUR CRB5362 PASS & SEYMOUR 1597 PASS & SEYMOUR 2097	
DUPLEX RECEPTACLES ON DEDICATED CIRCUIT SHALL BE 20 AMP. OTHER DUPLEX RECEPTACLES MAY BE 15 AMP, UNLESS OTHERWISE NOTED.	
OUTLET BOXES SHALL NOT BE MOUNTED BACK-TO-BACK	

ELECTRICAL SYMBOLS SCHEDULE	
	CONDUIT AND/OR WIRING SYSTEM CONCEALED IN CONSTRUCTION IN FINISHED AREAS, EXPOSED IN UNFINISHED AREAS.
	CONDUIT AND/OR WIRING SYSTEM CONCEALED BELOW FLOOR OR FLOOR SLAB.
	BREAK IN CONDUIT, SEE PLAN FOR CONTINUATION.
	NON-RIGID RACEWAY SYSTEM
	BRANCH CIRCUIT HOMERUN TO PANEL.
	JUNCTION BOX SIZED PER NEC.
	SINGLE POLE SWITCH, 20 AMP, 120/277 VOLT, COOPER 1221, OR EQUAL.
	WALL MOUNTED, PRIMICORPHONICS TECHNOLOGY DIMMING OCCUPANCY SWITCH, 120/277 VOLT, SUITABLE FOR USE WITH MULTIPLE DIMMING TYPES. DIMMER SWITCH SHALL MATCH FIXTURE TYPE. LUTRON MAESTRO SERIES, OR EQUAL WITH 15 FT MINOR MOTION COVERAGE, MINIMUM.
	DIMMER SWITCH, LUTRON OR EQUAL, DIMMER SWITCH SHALL MATCH RESPECTIVE DIMMING CHARACTERISTIC OF LUMINAIRE. CONTRACTOR SHALL PROVIDE LOW VOLTAGE CABLES AS REQUIRED.
	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER WITH O.L.'S
	DUPLEX RECEPTACLE, 15 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT), MOUNT 18" A.F.F., U.O.N., COOPER 5252 OR EQUAL.
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH, OR AT 48" A.F.F. U.O.N., COOPER 5252 OR EQUAL.
	DOUBLE DUPLEX RECEPTACLE MOUNT AT 18" A.F.F. TWO NEMA 5-15R DUPLEX RECEPTACLES IN A COMMON BOX AND COVER PLATE.
	GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE. NEMA 5-20R DUPLEX, ALL RECEPTACLES INSTALLED OUTSIDE, WITHIN 6" OF A SINK OR IN A FLOOR SHALL BE GFCI.
	WEATHERPROOF RECEPTACLE. NEMA 5-15R DUPLEX. COVER SHALL BE COOPER #1991 WHERE MOUNTED HORIZONTAL AND #4966 WHERE MOUNTED VERTICAL.
	DUPLEX RECEPTACLE MOUNTED IN "F" FOR FLOOR AND "C" FOR CEILING. FLOOR BOX SHALL BE CAST ALUMINUM WITH BRASS COVER.
	CONNECTION FOR DISPOSER UNDER SINK.
	WALL MOUNTED CONNECTION TO KITCHEN EQUIPMENT, NUMBER INDICATES TYPE, SEE KITCHEN EQUIPMENT SCHEDULE.
	CONNECTION TO KITCHEN EQUIPMENT FROM FLOOR OR CEILING, NUMBER INDICATES TYPE, SEE KITCHEN EQUIPMENT SCHEDULE.
	FRACTIONAL HORSEPOWER MOTOR CONNECTION.
	CONNECTION FOR WATER HEATER, VOLTAGE, PHASE AND SIZE AS INDICATED.
	TELEDATA OUTLET, DOUBLE GANG BOX WITH SINGLE GANG OPENING, MOUNT AT 18" A.F.F. WITH 3/4" E.C. TO ABOVE ACCESSIBLE CEILING. CABLE PROVIDED BY OTHERS.
	ACRYLIC LENSED FLUORESCENT/LED LIGHTING FIXTURE. LETTER IS FIXTURE TYPE, SEE LIGHT FIXTURE SCHEDULE. SUSPEND TWO OPPOSITE CORNERS WITH #10 AWG WIRE TO STRUCTURE AND ATTACH THE REMAINING TWO CORNERS TO THOSE WIRES. GRID ALONE SHALL NOT SUPPORT FIXTURE.
	ROUND RECESSED OR SURFACE MOUNTED LIGHT FIXTURE. LETTER INDICATES FIXTURE TYPE, SEE LIGHT FIXTURE SCHEDULE. INDEPENDENTLY SUPPORT FIXTURE TO STRUCTURE UNLESS SURFACE MOUNTED TO A STRUCTURAL CEILING.
	WALL MOUNTED ROUND LIGHT FIXTURE. LETTER INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE.
	FIXTURE WITH INTEGRAL 1100 LUMEN BATTERY INVERTER AND/OR ON EMERGENCY LIGHTING CIRCUIT. LETTER INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE FOR TYPE AND FOR BATTERY REQUIREMENT. SUPPORT FIXTURES IN SAME MANNER AS LISTED ABOVE.
	FIXTURE WITH INTEGRAL 600 LUMEN BATTERY INVERTER AND/OR ON EMERGENCY LIGHTING CIRCUIT. LETTER INDICATES TYPE, SEE LIGHT FIXTURE SCHEDULE FOR TYPE AND FOR BATTERY REQUIREMENT. SUPPORT FIXTURES IN SAME MANNER AS LISTED ABOVE.
	CEILING OR WALL MOUNTED EXIT SIGN RESPECTIVELY. SOLID SPACES INDICATE FACES. PROVIDE ARROWS AS INDICATED ON PLANS. SEE LIGHT FIXTURE SCHEDULE.
	FUSED DISCONNECT SWITCH, SIZE AS INDICATED ON DRAWINGS, FUSE PER NAMEPLATE DATA OR AS INDICATED. NEMA 1 ENCLOSURE U.O.N.
	LIGHTING AND/OR POWER PANEL BOARD, SURFACE MOUNTED WITH REQUIRED CODE CLEARANCE. SEE PANEL SCHEDULE FOR AMPERAGE.
	DISTRIBUTION PANEL BOARD, SURFACE MOUNTED WITH REQUIRED CODE CLEARANCE. SEE PANEL SCHEDULE FOR AMPERAGE.
	PLYWOOD TELEPHONE OR DATA BACKBOARD. SIZE AS INDICATED ON THE RESPECTIVE RISER DIAGRAM.
	FIRE ALARM MANUAL STATION, MOUNT 48" A.F.F.
	FIRE ALARM HORN-STROBE COMBINATION, 15CDB, MOUNT 80" TO BOTTOM.
	FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED.
	FIRE ALARM DUCT SMOKE DETECTOR.
	FIRE ALARM FLOW SWITCH ON SPRINKLER SYSTEM.
	FIRE ALARM TAMPER SWITCH ON SPRINKLER SYSTEM.
	FIRE ALARM DUCT DETECTOR REMOTE INDICATING LIGHT.
	WALL MOUNTED UTILITY METER.
ABBREVIATIONS	
A	AMPERE
AFF	ABOVE FINISHED FLOOR
C	CONDUIT
CKT	CIRCUIT
FLA	FULL LOAD AMPS
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
G	GROUND
KVA	KILOVOLT AMPERE
KOHL	THOUSAND CIRCULAR MILS
MCB	MAIN CIRCUIT BREAKER
MISC	MISCELLANEOUS
NLO	MAIN LUGS ONLY
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NEL	NATIONAL ELECTRIC CODE
#	NUMBER
NTS	NOT TO SCALE
P	POLE
Ø	PHASE
PBL	PANELBOARD
SW	SWITCH
TELEDATA	TELEPHONE/DATA
TYP	TYPICAL
UG	UNDERGROUND
V	VOLT
UON	UNLESS OTHERWISE NOTED
WP	WEATHERPROOF
3R	NEMA 3R ENCLOSURE
NOTES:	
1. SEE DEVICE MOUNTING ELEVATION FOR MOUNTING HEIGHTS.	
2. SEE SPECIFICATIONS FOR DEVICE COLOR AND COVER PLATE STYLE.	
PART 12: SITE VISIT	
A. EACH BIDDER SHALL VISIT THE PROJECT SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. FAILURE TO VISIT THE SITE SHALL NOT EXCUSE THE CONTRACTOR FROM PERFORMING THE REQUIRED WORK NOR SHALL IT BE AN ACCEPTABLE REASON FOR REQUESTING ADDITIONS TO THE CONTRACT.	

ELECTRICAL DEMOLITION NOTES	
A.	THE EXTENT OF THE ELECTRICAL DEMOLITION WORK IS INDICATED HEREIN.
B.	PARTIAL AND TOTAL DEMOLITION OF PORTIONS SHALL BE PERFORMED ALONG WITH ALL NECESSARY MODIFICATIONS TO THAT PORTION OF THE EXISTING BUILDING WHICH SHALL REMAIN SO THAT IT CONTINUES TO FUNCTION UNAFFECTED BY THE DEMOLITION AND ASSOCIATED NEW CONSTRUCTION.
C.	THE DRAWINGS INDICATE THE GENERAL AREAS OF WORK INVOLVED. HOWEVER, THE CONTRACTOR SHALL PERFORM WORK OUTSIDE THOSE AREAS SHOWN AS IS NECESSARY TO COMPLY WITH THE INTENT OF THIS SECTION.
D.	THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE EXISTING BUILDING AND WITH THE WORK OF ALL OTHER TRADES AND INCLUDE ALL WORK NECESSARY TO COMPLY WITH THE INTENT OF THE DEMOLITION.
E.	IT SHALL BE UNDERSTOOD THAT FIELD CONDITIONS MAY BE ENCOUNTERED DURING THE EXECUTION OF THIS CONTRACT WHICH WILL REQUIRE EXTENSION OR RELOCATION OF EXISTING SYSTEMS OR EQUIPMENT WHICH ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS BUT, WHICH ARE REQUIRED TO MEET THE STATED INTENT THAT THE BUILDING CONTINUE TO FUNCTION UNAFFECTED BY THE DEMOLITION AND ASSOCIATED NEW CONSTRUCTION. THIS CONTRACT SHALL INCLUDE SUCH WORK AS WOULD NORMALLY BE EXPECTED IN AN EXISTING BUILDING OF THIS AGE AND TYPE.
F.	THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL TOOLS EQUIPMENT, LABOR, ETC. IN ORDER TO ACCOMPLISH THE DEMOLITION PORTION OF THE CONTRACT DRAWINGS.
G.	THE DEMOLITION OF CERTAIN AREAS OF THE EXISTING BUILDING SHALL BE PERFORMED BY THE GENERAL CONTRACTOR.
H.	THE ELECTRICAL CONTRACTOR SHALL INCLUDE COORDINATION WITH THE GENERAL CONTRACTOR AND SUCH DEMOLITION OF THE EXISTING ELECTRICAL SYSTEMS AS IS NECESSARY SO THAT THE DEMOLITION WORK OF THE GENERAL CONTRACTOR SHALL NOT DAMAGE THOSE PORTIONS OF THE ELECTRICAL SYSTEMS WHICH ARE TO REMAIN IN SERVICE, ARE TO BE REUSED, OR ARE TO BECOME THE PROPERTY OF THE OWNER.
I.	TURN OVER TO OWNER, UPON REQUEST, ITEMS SHOWN AS BEING REMOVED AND NOT REINSTALLED.
J.	EQUIPMENT OR MATERIALS WHICH ARE TO BE REUSED OR TURNED OVER TO THE OWNER SHALL BE CAREFULLY REMOVED, CLEANED, AND STORED IN A CLEAN OF DRY AREA. SHOULD THE CONTRACTOR ENCOUNTER SUCH EQUIPMENT WHICH IS NOT IN SATISFACTORY CONDITION FOR REUSE AND NOT IN WORKING ORDER, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY.
K.	DISCONNECT ELECTRICAL SERVICES TO ALL EQUIPMENT REQUIRING REMOVAL. CONDUIT SHALL BE REMOVED BACK TO A INACCESSIBLE LOCATION WIRE AND CABLE SHALL BE REMOVED BACK TO THE POINT OF ORIGIN.
L.	REMOVE AND REINSTALL CEILINGS IN EXISTING BUILDING AS REQUIRED FOR THE WORK. COORDINATE WITH THE GENERAL CONTRACTOR. IN SUCH AREAS, REMOVE AND REINSTALL ALL ELECTRICAL DEVICES WHICH ARE TO REMAIN IN OR ON THE CEILING.
M.	WHERE NEW CEILINGS CONFLICT WITH EXISTING ELECTRICAL WORK WHICH IS TO REMAIN, RELOCATE THE ELECTRICAL WORK INVOLVED TO CLEAR THE NEW CONSTRUCTION.
N.	WHERE NEW WALL OR FLOOR FINISHES CONFLICT WITH EXISTING ELECTRICAL WORK WHICH IS TO REMAIN, RELOCATE THE ELECTRICAL WORK INVOLVED OR PROVIDE BOX EXTENSIONS OR SIMILAR DEVICES AND REINSTALL ON THE NEW FINISH.
O.	WHERE EXISTING BRANCH CIRCUITS AND SYSTEMS ARE INTERRUPTED BY DEMOLITION NEW WORK, OR NEW MECHANICAL DUCTWORK, EXTEND AND RECONNECT THOSE CIRCUITS AND SYSTEMS. WHERE THOSE CIRCUITS OR SYSTEMS MUST REMAIN IN SERVICE DURING THE EXECUTION OF THIS CONTRACT, PROVIDE TEMPORARY CONNECTIONS UNTIL FINAL CONNECTIONS ARE COMPLETE.

NOTE TO GENERAL CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS:

The General Contractor and all Subcontractors and Material Suppliers shall review and be familiar with all drawings associated with this project including the architectural, civil, structural, plumbing, mechanical, and electrical drawings. Specific requirements depicted on one drawing page or in one portion of the drawings shall be applicable to all drawing pages and all portions of the drawings. Should a conflict or discrepancy be discovered in the drawings during the bidding or negotiation phase, the General Contractor, Subcontractor or Material Supplier shall immediately notify the Architect and request additional information and clarification. Failure to do so will not relieve the General Contractor, Subcontractor or Material Supplier from the requirements of all portions of the drawings.



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E.001
DEVICE MOUNTING ELEVATION
NO SCALE

GENERAL NOTES	
A.	ELECTRICAL CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS INCLUDING BUT NOT NECESSARILY LIMITED TO ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND ENTIRE PROJECT MANUAL. ELECTRICAL CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF THE ELECTRICAL WORK. ELECTRICAL CONTRACTOR SHALL FULLY COORDINATE ELECTRICAL WORK WITH THE INSTALLATION OF WORK BY ALL OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE ELECTRICAL INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.
B.	VERIFY ALL REQUIREMENTS AND COORDINATE EXACT LOCATION OF INCOMING ELECTRICAL SERVICE WITH LOCAL POWER COMPANY PRIOR TO PROJECT START-UP. NOTIFY ENGINEER OF ANY CHANGES AS MAY BE REQUIRED.
C.	ENGRAVED, LAMINATED PLASTIC IDENTIFICATION PLATES SHALL BE FURNISHED AND INSTALLED ON ALL PANELS AND SWITCHGEAR. PLATES SHALL BE AFFIXED TO FRONT PANELS, INDICATING PANEL NAME, VOLTAGE AND AMPERAGE. PROVIDE UPDATED PANEL DIRECTORIES FOR ALL PANELS.
D.	ELECTRICAL CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK, AND FULLY INFORM HIMSELF AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY AFFECT THE WORK OR THE COST THEREOF, SHOULD THE CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM, THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE ARCHITECT/ENGINEER AT ONCE. IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEW WORK, OR BETWEEN ELECTRICAL WORK AND THE WORK OF OTHER TRADES PRIOR AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSTRUED TO INDICATE NO DISCREPANCIES OR CONFLICTS EXIST. ADDITIONAL COMPENSATION WILL NOT BE GRANTED AFTER AWARD OF CONTRACT FOR ANY WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS.
E.	SHARED NEUTRALS ARE NOT ALLOWED. EACH CIRCUIT SHALL HAVE ITS OWN INDEPENDENT NEUTRAL. EACH CONDUIT RUN SHALL CONTAIN A GROUND WIRE. CONDUIT ONLY IS NOT AN ACCEPTABLE GROUND PATH.
F.	TO G.C. AND ALL SUBCONTRACTORS: NO PRICING SHOULD BE DONE FROM A PARTIAL SET AND NO CHANGE ORDER WILL BE ALLOWED FOR PRICING BASED ONLY ON A PARTIAL SET OF REVIEW OF A SINGLE TRADER'S DRAWINGS. ALL TRADES SHOULD CROSS REFERENCE ARCHITECTURAL SHEETS AND ALL OTHER TRADES FOR ADDITIONAL INFORMATION, CLARIFICATIONS AND COORDINATION REQUIRED. TYP. RELATED TO PRICING RELATED TO ANY CONTRADICTIONS THAT MAY BE FOUND IN THE DOCUMENT SET. BIDDERS SHOULD INCLUDE THE MOST RESTRICTIVE (I.E. MOST EXPENSIVE) AS PART OF THE BID. ALL BIDS AND PRICING IN THEIR ENTIRETY SHALL BE BASED SOLELY ON THE FULL AND COMPLETE SET OF CONSTRUCTION DOCUMENTS ISSUED FOR THIS SPECIFIC PROJECT. TYP. NO CHANGE ORDER OR MODIFICATION TO THE CONTRACT DOCUMENTS SHALL BE MADE OR CONSIDERED BASED ON G.C. OR SUBCONTRACTOR ASSUMPTIONS BASED ON REVIEW OF A PARTIAL SET OR PAST PROJECT COMPARISONS- TYP.
G.	CONTRACTOR IS RESPONSIBLE FOR ISSUES THAT ARISE IN THE FIELD DUE TO THE SELECTION OF ALTERNATE EQUIPMENT TO WHAT IS SPECIFIED WITHIN THIS SET OF DRAWINGS. THIS INCLUDES, BUT IS NOT LIMITED TO: DEMAND OVERLOADS, INSUFFICIENT SPACE ALLOCATIONS, AND EQUIPMENT FAILURES.

VIRGINIA ENERGY CODE	
2021 VIRGINIA ENERGY CONSERVATION CODE ELECTRICAL SUMMARY	
METHOD OF COMPLIANCE: ☒ PRESCRIPTIVE	☐ PERFORMANCE ☐ ENERGY COST BUDGET
LIGHTING SCHEDULE LAMP TYPE REQUIRED IN FIXTURE NUMBER OF LAMPS IN FIXTURE BALLAST TYPE USED IN THE FIXTURE NUMBER OF BALLASTS IN FIXTURE TOTAL WATTAGE PER FIXTURE TOTAL INTERIOR WATTAGE SPECIFIED VS ALLOWED EXTERIOR WATTAGE SPECIFIED VS ALLOWED	SEE LIGHT FIXTURE SCHEDULE ON SHEET E02 851 WATTS VS. 866 WATTS N/A EXISTING TO REMAIN
SECTION C401.2 SHALL BE ACHIEVED BY ONE OF THE BELOW: EQUIPMENT SCHEDULES WITH MOTORS (NOT USED FOR MECHANICAL SYSTEMS)	
MOTOR HORSEPOWER NUMBER OF PHASES MINIMUM EFFICIENCY MOTOR TYPE NUMBER OF POLES	N/A N/A N/A N/A N/A



Ragona Architecture & Design, PLLC
5500 Seventy-Seven Center Drive, Suite 150
Charlotte, NC 28217
T: 704.372.0116 - www.rad-arch.com



WAVE ENGINEERING
3540 THIRDSIDE DRIVE, SUITE 200
CHARLOTTE, NC 28217
INFO@WAVE-ENGINEERING.COM
WAVE PROJECT #25065



RENOVATION
OF STORE # 3615

1248 CROZET AVE
CORSET, VA 22932

Revisions		
#	Date	Description

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

ELECTRICAL
SYMBOLS &
SPECIFICATIONS

SHEET NUMBER

E.001

LIGHT FIXTURE SCHEDULE							
TYPE	MANUFACTURER	CATALOG #	LUMENS/LAMPS	DRIVER/BALLASTS	WATTS	VOLTAGE	DESCRIPTION
A	MAXLITE OR EQUAL .	MLVT24D2SWCS 35 4000K MLVT24D2SWCS 35 4000K-EM .	4,584 LUMENS, LED, 4000K .	0-10V DIMMING DRIVER .	35W	120V	RECESSED 2X4 LAY-IN WITH ACRYLIC DIFFUSERS. ALUMINUM DOOR FRAME & SPRING RETAINER LATCHES. PAINT/COAT AFTER FABRICATION. PROVIDE WITH 90 MINUTE BATTERY BACK-UP WHERE INDICATED.
A2	MAXLITE OR EQUAL .	MLVT22D2SWCS 35 4000K MLVT22D2SWCS 35 4000K-EM .	4,584 LUMENS, LED, 4000K .	0-10V DIMMING DRIVER .	35W	120V	RECESSED 2X2 LAY-IN WITH ACRYLIC DIFFUSERS. ALUMINUM DOOR FRAME & SPRING RETAINER LATCHES. PAINT/COAT AFTER FABRICATION. PROVIDE WITH 90 MINUTE BATTERY BACK-UP WHERE INDICATED.
B	MAXLITE OR EQUAL .	LM-4840UF-40 LM-4840UF-40-EM .	5,261 LUMENS, LED, 4000K .	0-10V DIMMING DRIVER VERIFY DIMMING PROTOCOL .	40W	120V	NOTE 7. 1X4 LINEAR LED WITH ACRYLIC DIFFUSERS. COORDINATE MOUNTING WITH ARCHITECT PRIOR TO ORDERING. PROVIDE MOUNTING ACCESSORIES AS REQUIRED FOR INSTALLATION. PROVIDE 90 MINUTE BATTERY BACK-UP WHERE INDICATED.
B2	MAXLITE OR EQUAL .	VT-V4850U-40 VT-V4850U-40-EM .	6571 LUMENS, LED, 4000K .	0-10V DIMMING DRIVER VERIFY DIMMING PROTOCOL .	35W	120V	UL LISTED FOOD SERVICE FIXTURE. FIXTURE SHALL BE SEALED GASKETED, WITH ACRYLIC RIBBED & FROSTED DIFFUSER. VERIFY MOUNTING WITH VENDOR PRIOR TO ROUGH-IN WORK. PROVIDE 90 MINUTE BATTERY BACK-UP WHERE INDICATED.
LT-1	ELCOLIGHTING OR EQUAL .	EL685CT5DW EL770ICDXA (VERIFY WITH FASMA)RT) KEM-LD5 (8W 120/277V BATTERY) .	1000-2000 LUMENS, LED, 2700-5000K .	0-10V DIMMING DRIVER VERIFY DIMMING PROTOCOL .	24W MAX	120V	6" RECESSED LED DOWNLIGHT. CLEAR REFLECTOR WITH SEMI-SPECULAR FINISH. ARCHITECT SHALL VERIFY TRIM COLOR & FINISH PRIOR TO ORDERING. PROVIDE 90 MINUTE BATTERY BACK-UP WHERE INDICATED.
	DUAL LITE	EVO SERIES	LED HO LED OPTION	ELECTRONIC	3W/FACE 14W	120V	WALL MOUNTED COMBO EMERG/LED EXIT SIGN WITH POLYCARBONATE HOUSING WITH SELF-CONTAINED POWERPACK FOR 90MIN OPERATION. NICAD BATTERY. RED LETTERS. (VERIFY COLOR WITH ARCH/INTERIORS)
	DUAL LITE	EV4D-02WAL SERIES	2-1.8W LED	ELECTRONIC	10W	120V	WALL MOUNTED SELF CONTAINED EMERGENCY LIGHT POLYCARBONATE HOUSING WITH SELF-CONTAINED POWER PACK FOR 90MIN. OPERATION. (VERIFY COLOR WITH ARCH/INTERIORS)
	LITHONIA MULE COMPASS	LHOM SERIES MX SERIES CE SERIES	LED	ELECTRONIC	2.5W/FACE	120V	LED EXIT SIGN WITH SELF-CONTAINED POWER PACK FOR 90MIN OPERATION. NICAD BATTERY & RED LETTERS. (VERIFY COLOR WITH ARCH/INTERIORS)
	LITHONIA OR EQUAL .	AFF SERIES W/FCT OPTICS N = NORMAL ON W/PHOTOCELL .	TWO LAMPS INCLUDED		17W	120V	EXTERIOR NORMAL/EMERGENCY LIGHT WITH BATTERY BACKUP. TWO LAMPS AND UL WET LABEL. VERIFY FINISH. 90 MINUTE EMERGENCY BATTERY BACKUP (VERIFY COLOR WITH ARCH) MOUNT TO BOTTOM OF CANOPY WITH FOWARD OPTIC.
FIXTURE NOTES: 1. SUBSTITUTIONS MUST BE EQUAL IN CONSTRUCTION, FINISH, ENERGY USAGE AND PHOTOMETRY. ALL SUBSTITUTIONS SHALL BE SUBMITTED TO THE ENGINEER, WITH CUTSHEETS AND PHOTOMETRY. THE ENGINEER MUST RECEIVE THESE WITH TIME ALLOWED TO REVIEW AND ISSUE A WRITTEN APPROVAL BACK TO THE SUBMITTING PARTY TEN(10) DAYS PRIOR TO BID. SUBSTITUTE FIXTURES SHALL BE LISTED SEPARATELY AND UNIT PRICED AT TIME OF BID, SO THAT THE ENGINEER AND OWNER CAN MAKE AN INFORMED DECISION. NO SUBSTITUTIONS WILL BE CONSIDERED AFTER THE 10 DAY PRIOR BID PROCESS ENDED. 2. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT FIXTURE LOCATIONS. 3. ALIGN ALL HORIZONTAL LUMINAIRES SO THAT THE LIGHT SOURCES ARE ALIGNED IN THE SAME DIRECTION. 4. SUSPEND ALL FOUR CORNERS WITH WIRE TO STRUCTURE. DO NOT ALLOW GRID ALONE TO SUPPORT FIXTURE. 5. WHERE FIXTURE IS INDICATED AS EMERGENCY PROVIDE AN 1100 LUMEN INVERTER BATTERY PACK. 6. FIXTURE FLANGES AND TRIMS SHALL MATCH CEILING TYPES. 7. CONTRACTOR TO PRICE BOTH STEM MOUNT AND PENDANT MOUNT OPTIONS FOR OWNER/ARCHITECT EVALUATION. POWER FEEDS TO BE AT REAR OF STORE AND PARALLEL SUPPORT.							

NOTE TO GENERAL CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS:

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VOLTAGE DROP SCHEDULE			
120 VOLT BRANCH CIRCUITS UP TO 8 AMPS			
RUN DISTANCE IN FEET		WIRE SIZE AWG	
1'	-	120'	#12
121'	-	190'	#10
191'	-	300'	#8
301'	-	470'	#6
120 VOLT BRANCH CIRCUITS 9 AMPS TO 14 AMPS			
RUN DISTANCE IN FEET		WIRE SIZE AWG	
1'	-	65'	#12
66'	-	110'	#10
111'	-	170'	#8
171'	-	270'	#6
277 VOLT BRANCH CIRCUITS UP TO 14 AMPS			
RUN DISTANCE IN FEET		WIRE SIZE AWG	
1'	-	160'	#12
161'	-	250'	#10
251'	-	390'	#8
391'	-	620'	#6
WIRE SIZES INDICATED IN PANEL SCHEDULES ARE MINIMUM WIRE SIZES. CONTRACTOR SHALL UPSIZE WIRES BASED ON LOAD AND LENGTH OF RUN AS INDICATED IN SCHEDULE ABOVE.			

MECH/ELEC SCHEDULE				
ITEM	(WATTS) MCA	MOCP	VOLTAGE	DISCONNECT
EF-1	(19.4)	-	120V,1Ø	S _M SWITCH W/LIGHTS
EF-2	(54.4)	-	120V,1Ø	S _M SWITCH W/LIGHTS
AH-2	48.0	50	208V,3Ø	60/FPN-3P
HP-3	18.0	30	208V,3Ø	30/F30-3P-3R
HP-4	18.0	30	208V,3Ø	30/F30-3P-3R
NOTE: 1. EC TO COORDINATE WITH MC AND PROVIDE ELECTRICAL CONNECTIONS AS REQUIRED FOR PER MANUFACTURES STAMPED DATA PLATES FOR A COMPLETE AND OPERATIONAL MECHANICAL/ELECTRICAL SYSTEM.				



RENOVATION
OF STORE # 3615

1248 CROZET AVE
CORSET, VA 22932

Revisions		
#	Date	Description

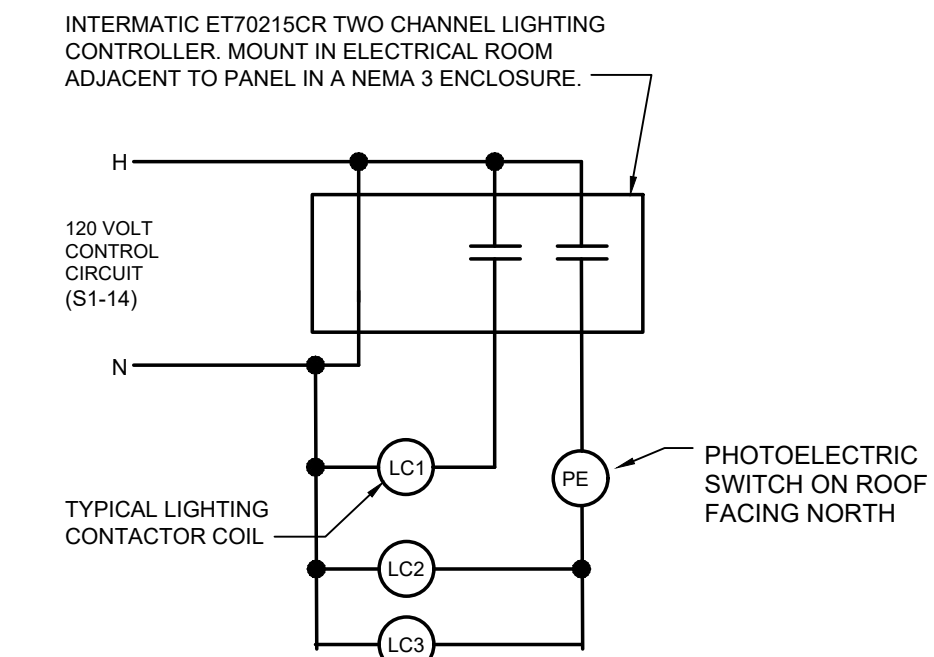
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

ELECTRICAL
SCHEDULES

SHEET NUMBER

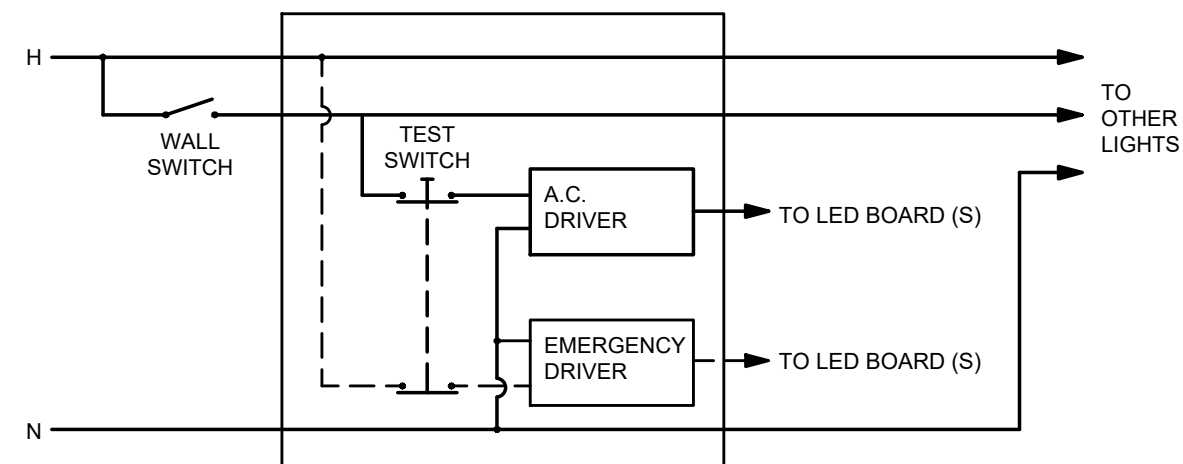
E.002



CONTACTOR	COIL VOLTAGE	POLES	CIRCUITS SWITCHED
LC1	120	6	A-5. VERIFY ADDITIONAL CIRCUITS WITH PANEL SCHEDULE(S) AND INTERIOR CIRCUITS.
LC2	120	6	VERIFY W/PANEL SCHEDULE(S) AND EXTERIOR CIRCUITS.
LC3	120	12	VERIFY W/PANEL SCHEDULE(S) AND EXTERIOR CIRCUITS.

2 LIGHTING CONTROL DETAIL

E.101 NO SCALE



3 SWITCHED EMERGENCY LIGHTING WIRING

E.101 NO SCALE

GENERAL NOTES THIS SHEET

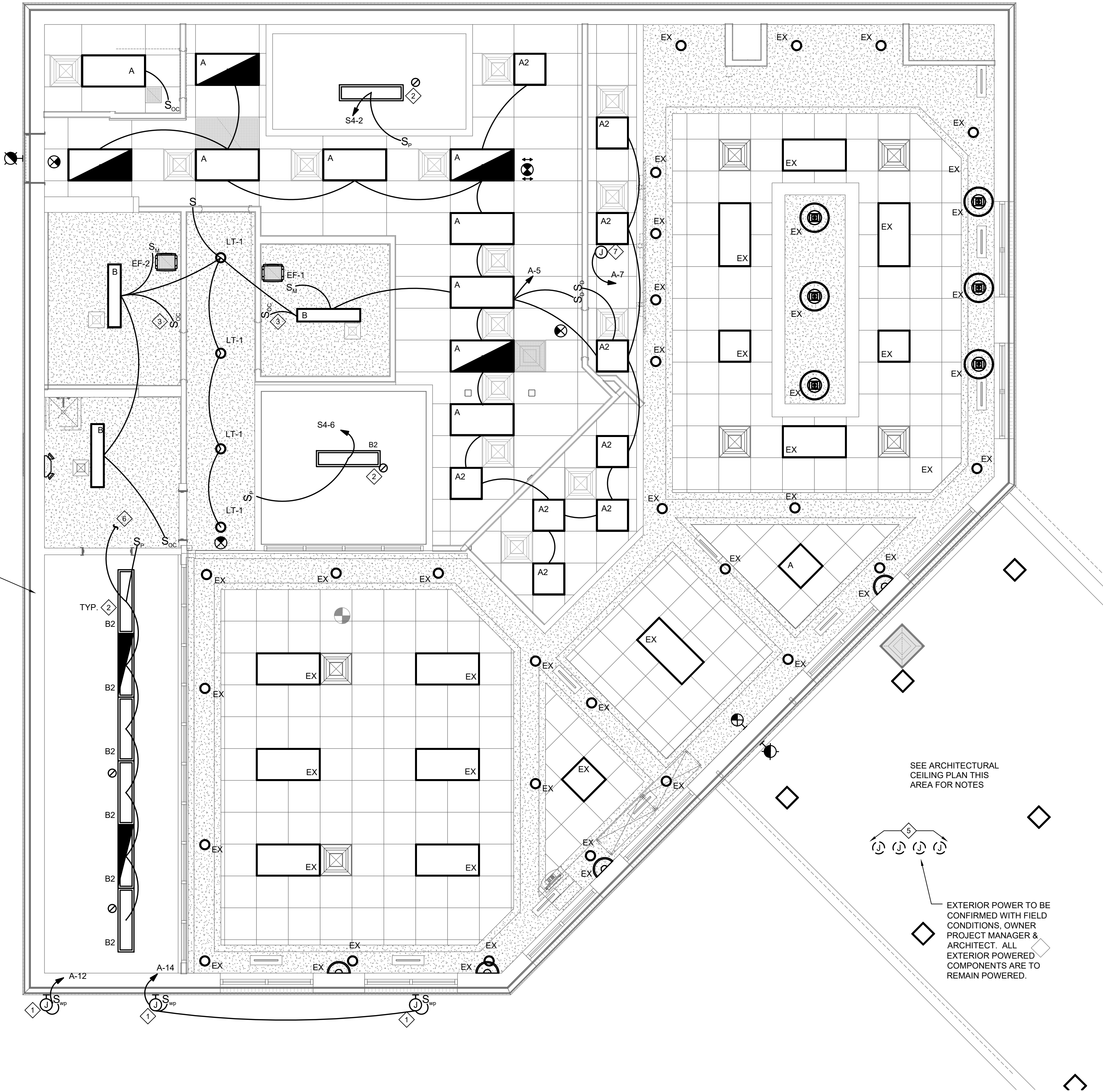
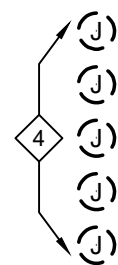
- ALL EMERGENCY/EGRESS FIXTURES SHALL BE CONNECTED TO LOCAL CIRCUIT SERVING RESPECTIVE AREA AND AHEAD OF ALL CONTROLS.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING 0-10V CONDUCTORS FROM DIMMER SWITCHES TO ALL 0-10V LIGHTING AS REQUIRED.
- ALL LIGHTS LOCATED WITH IN WORK AREAS SHALL BE EQUIPPED WITH INDIVIDUAL SHIELDS OR SHATTERPROOF LAMPS AS REQUIRED BY 15A NCAC 18A-2630.
- LIGHT FIXTURES SELECTED BY OTHER SHALL MEET THE REQUIRED 50 FOOTCANDLE REQUIREMENTS IN THE KITCHEN AND STORAGE AREAS.
- EXISTING EMERGENCY LIGHTING STRATEGY IS INTEGRAL BATTERY BACK UP. FOR THE EXISTING STORE WHERE FIXTURES ARE TO REMAIN, THE LIGHTING SHALL BE TESTED AND REPLACED AS APPLICABLE.
- ITEMS INDICATED AS DASHED OR WITH EX. ARE EXISTING TO REMAIN U.O.N.

KEYED NOTES THIS SHEET

- THE CONTRACTOR SHALL PROVIDE CONNECTION FOR NEW TENANT SIGN AS REQUIRED FOR OPERATION AND CONNECT TO TIME CLOCK AND PHOTOCELL ON ROOF FACING NORTH. VERIFY LOCATION IN FIELD WITH OWNER.
- COORDINATE CONNECTION FOR COOLER/FREEZER LIGHTS & CONTROLS WITH EQUIPMENT VENDOR PRIOR TO ANY ROUGH IN WORK.
- CONTRACTOR SHALL SET OCCUPANCY SENSOR FOR 30 MINUTE TIMEOUT.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUITS SERVING GAS CANOPY AND ENSURE THAT EXISTING REMAIN CONNECTED DURING DEMOLITION.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUITS SERVING SITE LIGHTING AND SIGN CONNECTIONS OUTSIDE OF INTERIOR RENOVATION. PROVIDE A NEW 12-POLE CONTACTOR FOR CONTROL OF LIGHTING/SIGN CIRCUITS.
- FIELD VERIFY AND RECONNECT TO EXISTING CIRCUIT LOAD REMOVED FROM LED CHANGEOUT.
- VERIFY LOCATION W/FAS PROJECT MANAGER. J-BOX AND DISCONNECT SWITCH SHALL BE PROVIDED FOR CRAVES DOUBLE-SIDED LIGHTBOX.

COOLER/FREEZER GENERAL NOTE:
ALL ELECTRICAL CONNECTIONS/PENETRATIONS SHALL BE SEALED PER NEC ARTICLE 300.7.

VERIFY LOCATION W/FAS PROJECT MANAGER. J-BOX AND DISCONNECT SWITCH SHALL BE PROVIDED FOR CRAVES DOUBLE-SIDED LIGHTBOX.



SEE ARCHITECTURAL CEILING PLAN THIS AREA FOR NOTES

EXTERIOR POWER TO BE CONFIRMED WITH FIELD CONDITIONS. OWNER PROJECT MANAGER & ARCHITECT. ALL EXTERIOR POWERED COMPONENTS ARE TO REMAIN POWERED.

ALL WIRING DEVICE COVERS SHALL BE MARKED WITH CIRCUIT NUMBER AND PANEL FROM WHICH IT IS FED FROM. NEW AND EXISTING, NO EXCEPTION.

1 LIGHTING PLAN

E.101 SCALE: 1/4" = 1'-0"

C-23
COORDINATE W/EXISTING PRICE SIGN

NOTE TO GENERAL CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS:
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RENOVATION OF STORE # 3615

1248 CROZET AVE
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Revisions

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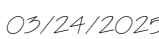
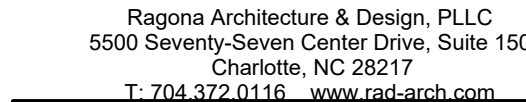
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

LIGHTING PLAN

SHEET NUMBER

E.101



1248 CROZET AVE
CORSET, VA 22932

Revisions

#	Date	Description
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Project Number:	25025
Issued for:	CONSTRUCTION
Issue Date:	03/24/25

DRAWING TITLE

SHEET NUMBER

E.201

1. EC TO COORDINATE LOCATION OF TELEPHONE BOARD WITH OWNER / ARCHITECT PRIOR TO ANY ROUGH IN WORK. MOUNT HIGH ON WALL ABOVE SHELVING.
2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT REQUIREMENTS FOR COOLER EVAPORATOR WITH MANUFACTURE PRIOR TO ROUGH-IN. ALL CONNECTIONS/PENETRATIONS SHALL BE SEALED PER NEC 301.16
3. EXISTING WATER HEATER TO REMAIN.
4. COORDINATE POWER FOR SECURITY CAMERA SYSTEM WITH INSTALLER PRIOR TO ROUGH-IN WORK.
5. EXISTING ELECTRICAL SERVICE TO REMAIN.
6. COORDINATE POWER FOR HAND DRYER WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN WORK.
7. EXISTING FUEL EQUIPMENT SHALL REMAIN IN OPERATION.
8. EXISTING VEEDER-ROOT SYSTEM SHALL BE RELOCATED TO THIS NEW LOCATION ABOVE RELOCATED PANEL 'C'. THE CONTRACTOR SHALL FIELD VERIFY EXISTING EQUIPMENT AND RELOCATE ALL COMPONENTS (LINE AND LOW-VOLTAGE) AS REQUIRED FOR A COMPLETE AND OPERATION SYSTEM.
9. CONTRACTOR TO FIELD VERIFY COOLER/FREEZER ELECTRICAL INFORMATION AND RECONNECT TO PANEL AS REQUIRED.
10. EMERGENCY FUEL SHUT OFF. FIELD VERIFY LOCATION AND QUANTITY WITH AUTHORITY HAVING JURISDICTION PRIOR TO ROUGH IN WORK.
11. COORDINATE REQUIREMENTS FOR VACUUM CLEANER/AUTO ACCESSORIES. SEE VERIFICATION NOTES.
12. 120V CONNECTION ALLOCATION FOR DOORS/LTS/HEATER AS REQUIRED.
13. INTERCEPT EXISTING LOW-VOLTAGE CONDUITS AND EXTEND TO NEW CASHIER AREA. FIELD VERIFY WITH EXISTING CONDITIONS.

[illegible]

1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL DISCONNECT SWITCHES, RECEPTACE, ETC. TO MECHANICAL/PLUMBING AND KITCHEN EQUIPMENT AS REQUIRED. THE ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE ALL CORDS, PLUGS, CABLES, ETC. ON EQUIPMENT REQUIRING SUCH ITEMS.
2. THE ELECTRICAL CONTRACTOR SHALL PROVIDE FINAL CONNECTIONS TO ALL MECHANICAL/PLUMBING AND KITCHEN EQUIPMENT AS REQUIRED.
3. ALL DISCONNECT SWITCHES, FUSE SIZES, PLUG CONFIGURATIONS, BREAKER SIZES, ETC., SHALL BE COORDINATED WITH SHOP DRAWINGS PRIOR TO INSTALLING. ANY EQUIPMENT INSTALLED INCORRECTLY BECAUSE OF LACK OF COORDINATION WILL BE REMOVED AND INSTALLED CORRECTLY AT THE ELECTRICAL CONTRACTOR'S EXPENSE.
4. ELEC. CONTRACTOR SHALL PULL A GROUND AND A NEUTRAL WITH ALL CIRCUITS, WHETHER SO DESIGNATED OR NOT.
5. 210.8 GROUND-FAULT CIRCUIT INTERRUPTER (GFCI) PROTECTION FOR PERSONNEL. GROUND-FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL SHALL BE PROVIDED AS REQUIRED IN 210.8(A) THROUGH (E). THE GROUND-FAULT CIRCUIT INTERRUPTER SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION.
- (B) OTHER THAN DWELLING UNITS. ALL SINGLE-PHASE RECEPTABLES RATED 150 VOLTS TO GROUND OR LESS, 50 AMPERES OR LESS * INSTALLED IN THE FOLLOWING LOCATIONS SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL. *PER NC AMENDMENT 1 (1992) TO ITEM B-6 AND ITEM B-719 (KITCHENS, FOOD PREP, FOOD SERVICE).
6. THE CONTRACTOR SHALL ENSURE PROVIDING THE ABOVE NOTES ARE COORDINATED WITH GEAR MANUFACTURE PRIOR TO ORDERING GEAR AND/OR CREATING SUBMITTALS.

1. ALL CONNECTIONS SHALL BE COORDINATED WITH OTHER TRADES, FIELD LOCATIONS AND SHOP DRAWINGS PRIOR TO ANY ROUGH-IN WORK.
2. COORDINATE PLACEMENT OF GENERAL WIRING DEVICES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN WORK.
3. BRING ALL RECEPTACLES INSTALLED IN FURNITURE TO THE FACE OF SAID FURNITURE.
4. ITEMS INDICATED AS DASHED OR WITH EX. ARE EXISTING TO REMAIN U.O.N.
5. RL - INDICATES EXISTING TO BE RELOCATED.

COOLER/FREEZER GENERAL NOTE:
ALL ELECTRICAL CONNECTIONS/PENETRATIONS SHALL BE
SEALED PER NEC ARTICLE 300.7.

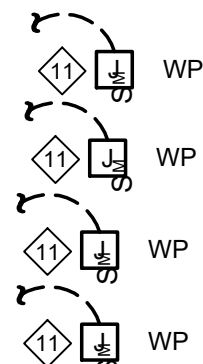
1 POWER P
E.201 SCALE: 1/4" = 1'-0"

ALL WIRING DEVICE COVERS SHALL BE MARKED WITH CIRCUIT NUMBER AND PANEL FROM WHICH IT IS FED FROM. NEW AND EXISTING, NO EXCEPTION.

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EXTERIOR POWER TO BE
CONFIRMED WITH FIELD
CONDITIONS, OWNER
PROJECT MANAGER &
ARCHITECT. ALL
EXTERIOR POWERED
COMPONENTS ARE TO
REMAIN POWERED.





WAVE ENGINEERING
3540 TORINGDON WAY, SUITE 200
CHARLOTTE, NC 28217
980.256.7729
INFO@WAVE-ENGINEERING.COM
WAVE PROJECT #25065



03/24/2025



RENOVATION OF STORE # 3615

1248 CROZET AVE
CORSET, VA 22932

Revisions

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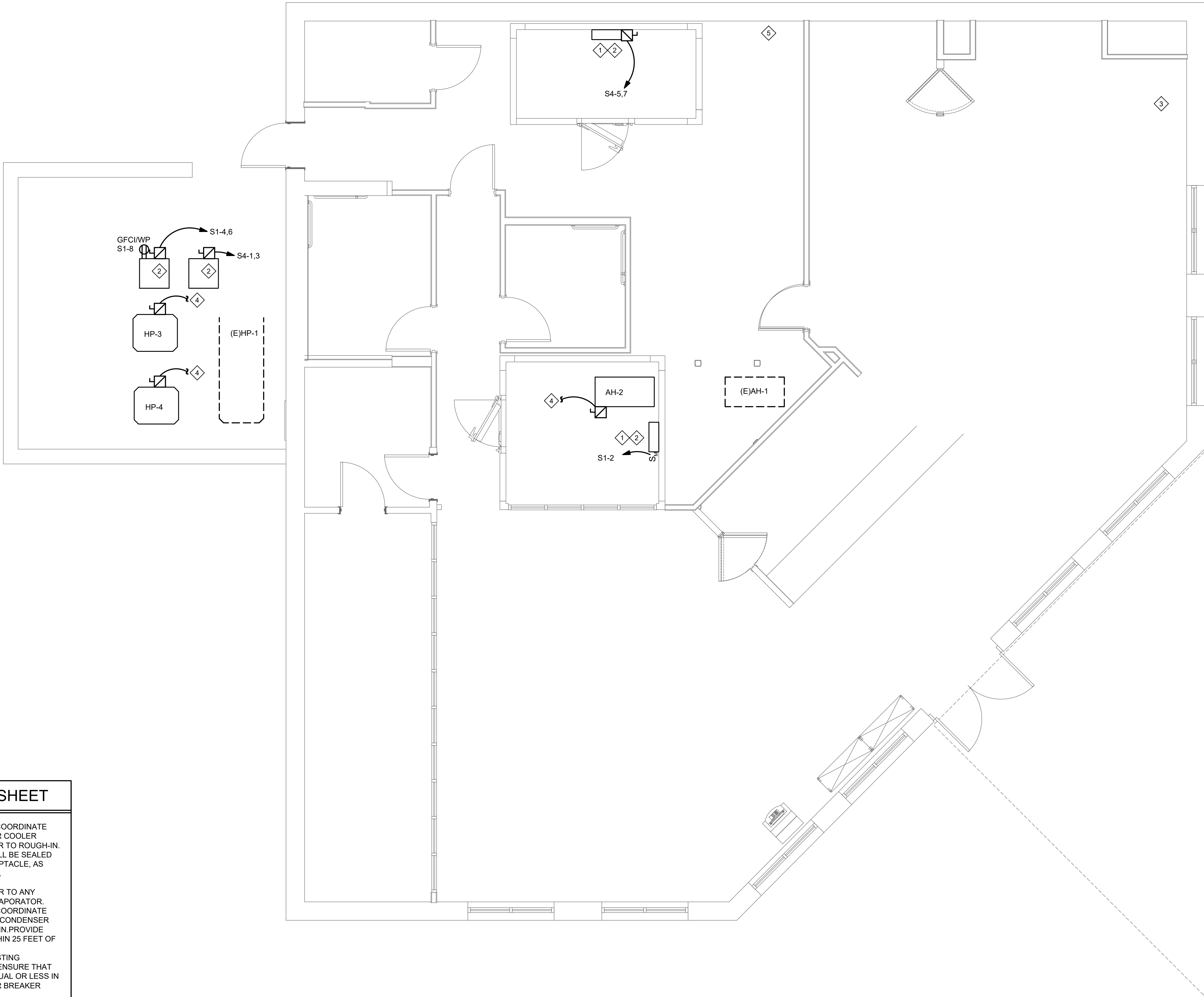
Project Number: 25025
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Issue Date: 03/24/25

DRAWING TITLE

MECHANICAL- ELECTRICAL CONNECTION PLAN

SHEET NUMBER

E.202



GENERAL NOTES THIS SHEET

- ALL CONNECTIONS SHALL BE COORDINATED WITH OTHER TRADES, FIELD LOCATIONS AND SHOP DRAWINGS PRIOR TO ANY ROUGH-IN WORK.
- ITEMS INDICATED AS DASHED ARE EXITING TO REMAIN UNLESS OTHERWISE NOTED.

KEYED NOTES THIS SHEET

- THE ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION & REQUIREMENTS FOR COOLER CONDENSER WITH MANUFACTURE PRIOR TO ROUGH-IN. ALL CONNECTIONS/PENETRATIONS SHALL BE SEALED PER NEC 300.7. PROVIDE SERVICE RECEPTACLE, AS SHOWN, WITHIN 25 FEET OF EQUIPMENT.
- COORDINATE REQUIREMENTS WITH REFRIGERATION/COOLER VENDOR PRIOR TO ANY ROUGH-IN WORK. CONNECTION FOR EVAPORATOR.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT REQUIREMENTS FOR ICE MAKER CONDENSER WITH MANUFACTURE PRIOR TO ROUGH-IN. PROVIDE SERVICE RECEPTACLE, AS SHOWN, WITHIN 25 FEET OF EQUIPMENT.
- THE CONTRACTOR SHALL REPLACE EXISTING MECHANICAL UNITS ONE FOR ONE AND ENSURE THAT ELECTRICAL CHARACTERISTICS ARE EQUAL OR LESS IN AMPACITY. SEE PANEL SCHEDULES FOR BREAKER ALLOCATIONS.
- LOCATION OF EXISTING WATER HEATER.

COOLER/FREEZER GENERAL NOTE:
ALL ELECTRICAL CONNECTIONS/PENETRATIONS SHALL BE SEALED PER NEC ARTICLE 300.7.

ALL DISCONNECTS SHALL BE MARKED WITH CIRCUIT NUMBER AND PANEL FROM WHICH IT IS FED FROM. NEW AND EXISTING, NO EXCEPTION.

MECHANICAL-ELECTRICAL CONNECTION PLAN

1
E.202 SCALE: 1/4" = 1'-0"

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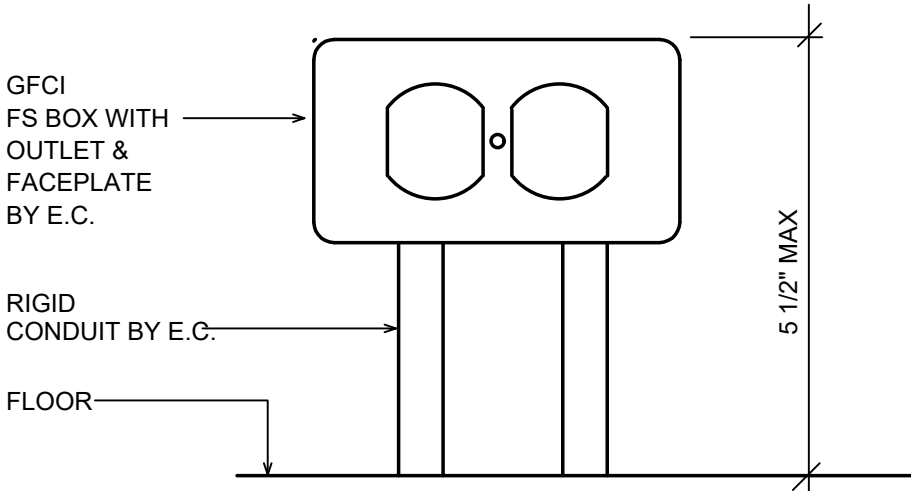
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Issued for: CONSTRUCTION
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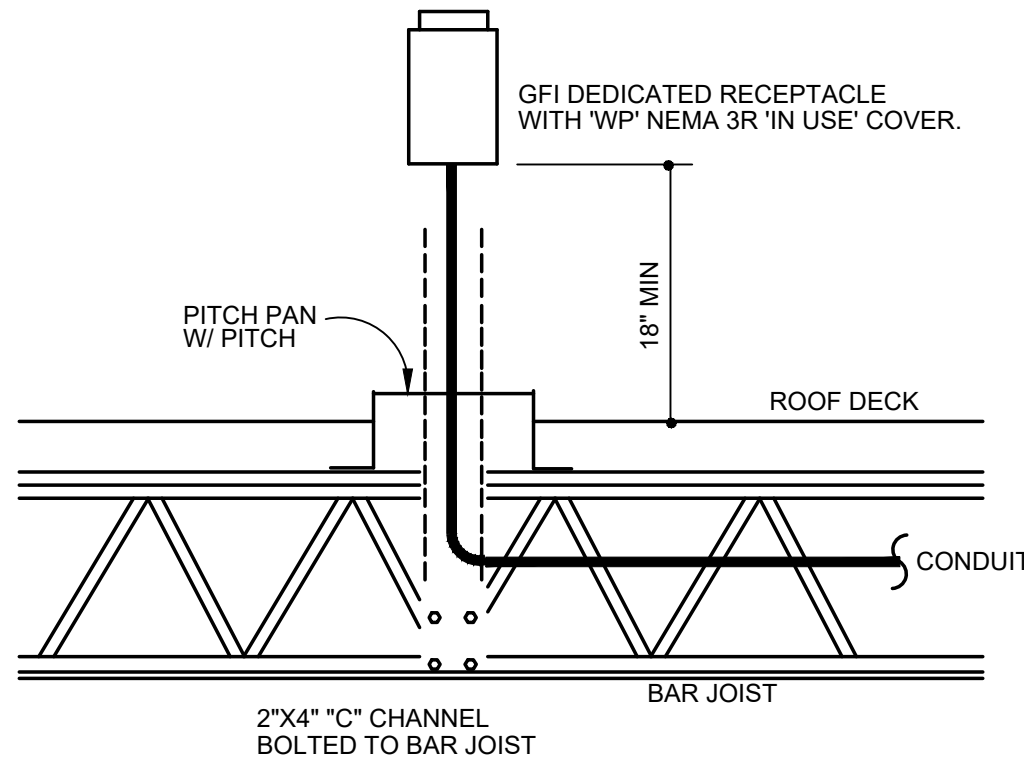
ELECTRICAL DETAILS & RISER

SHEET NUMBER

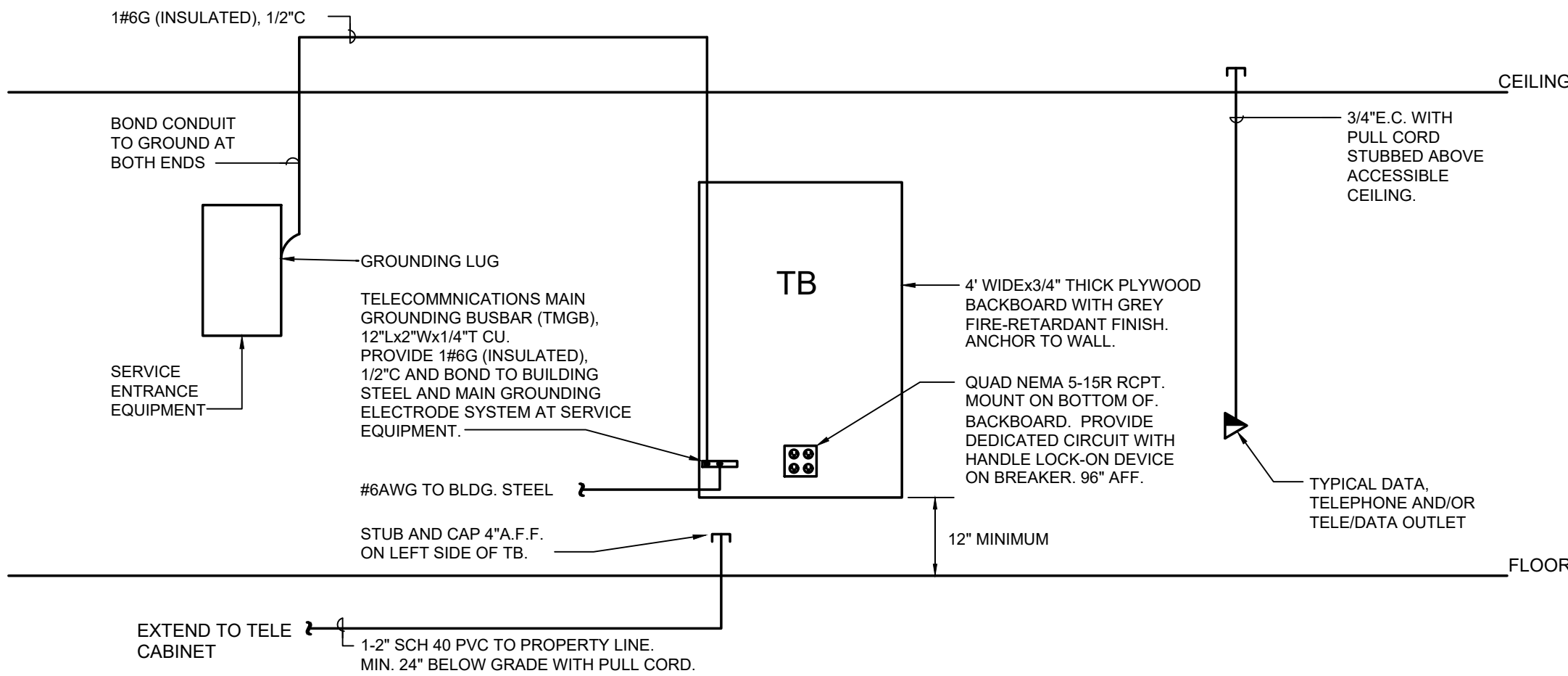
E.301



1 FOOD PREP REECEPTACLE
E.301 NO SCALE

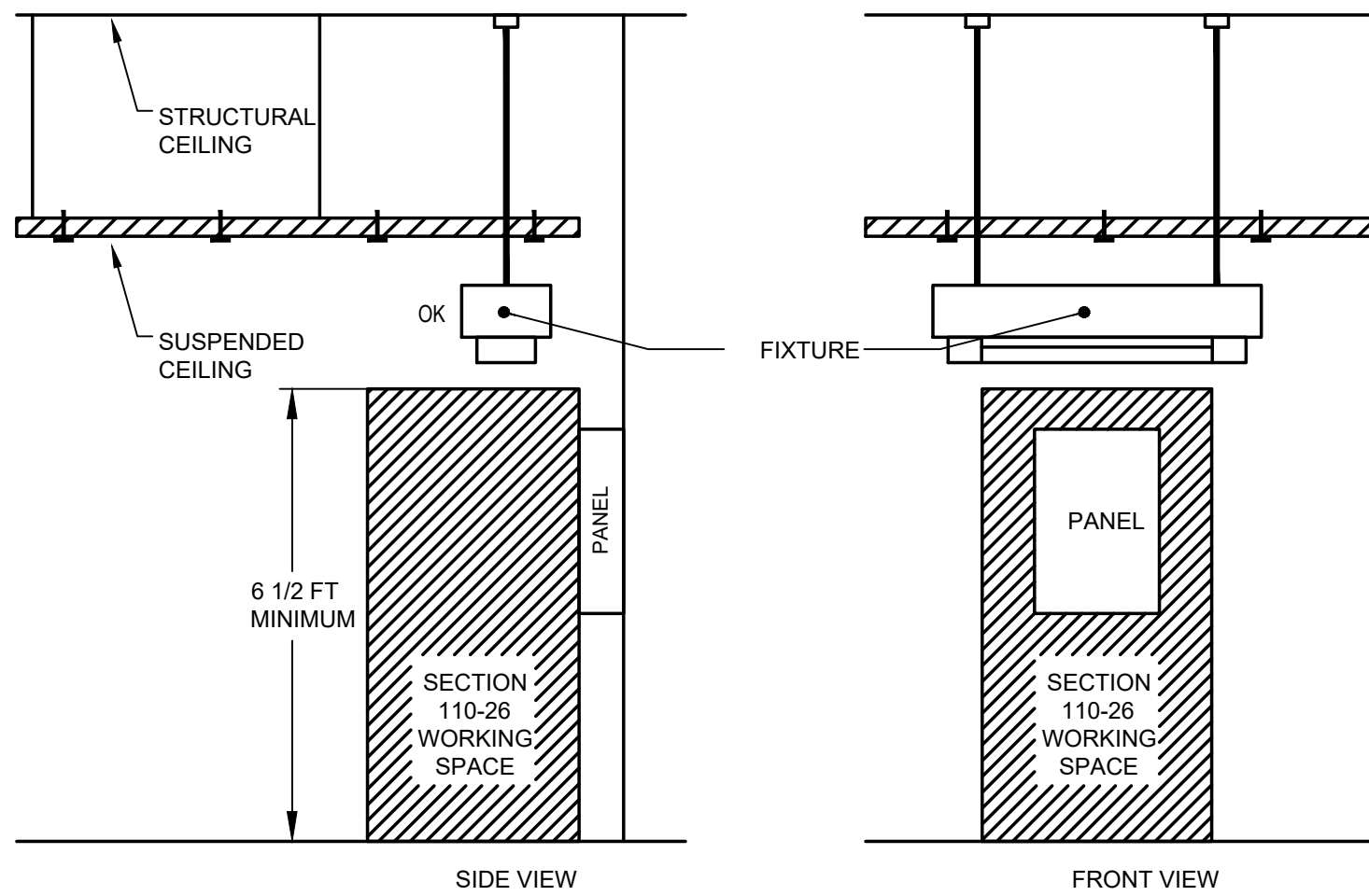


4 ROOFTOP RECEPTACLE DETAIL
E.301 NO SCALE



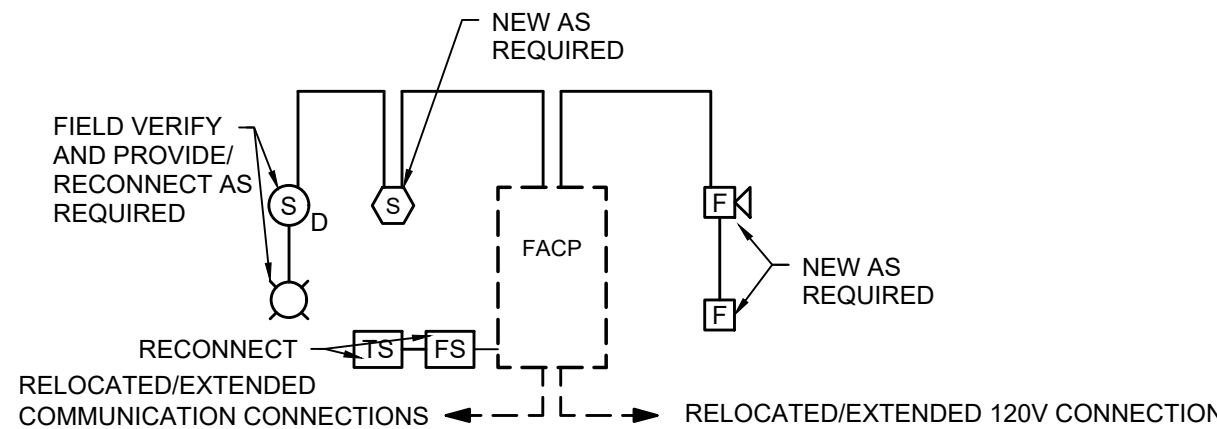
- TELE/DATE RISER DIAGRAM NOTES:
- FLOOR PLANS INDICATE THE EXACT QUANTITY AND LOCATION OF ALL TELEPHONE AND/OR DATA OUTLETS.
 - ALL TELEPHONE AND/OR DATA WIRING AND EQUIPMENT SHALL BE PROVIDED BY THE OWNER'S TELE/DATE SUPPLIER.

2 TELEPHONE RISER DIAGRAM
E.301 NO SCALE



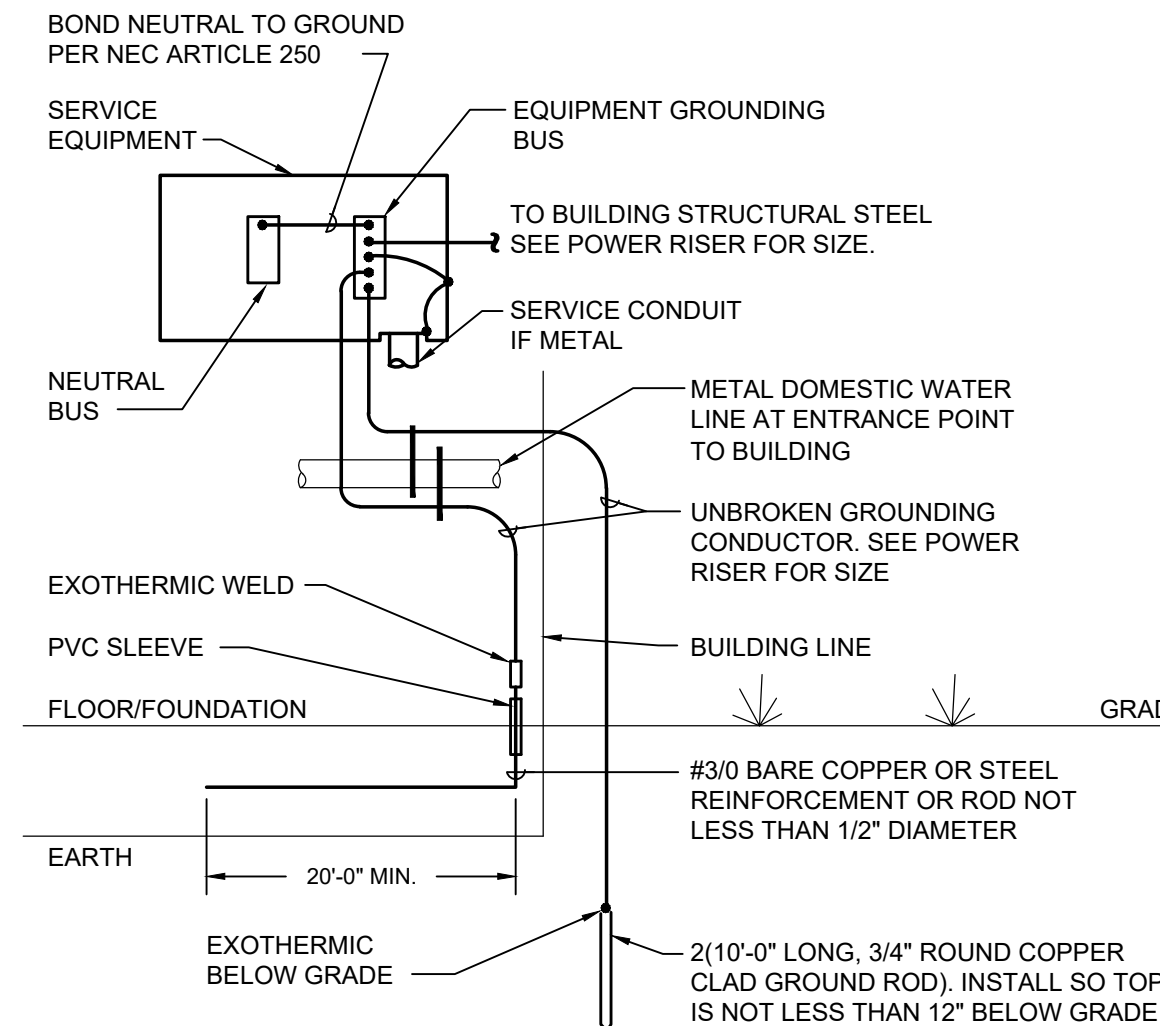
5 WORKING CLEARANCE FOR ELECTRICAL EQUIPMENT
E.301 NEC ARTICLE 110.26

FIRE ALARM SEQUENCE									
SEQUENCE OF OPERATIONS	BUILDING SYSTEM OUTPUTS							CENTRAL COMM.	
	ACTUATE COMMON ALARM SIGNAL	ACTUATE AUDIBLE ALARM SIGNAL	ACTUATE COMMON SUPERVISORY SIGNAL	ACTUATE AUDIBLE SUPERVISORY SIGNAL	ACTUATE COMMON TROUBLE SIGNAL	ACTUATE AUDIBLE TROUBLE SIGNAL	ACTUATE GENERAL EXACTUATION SIGNAL	ACTUATE EXTERNAL HORN STROBE	TRANSMIT F.A. SIGNAL TO CENTRAL COMM.
ALARM SOURCE AND TYPE	1. MANUAL PULL STATION ALARM	2. BUILDING SMOKE DETECTOR	3. DUCT DETECTOR ALARM	4. SMOKE DETECTOR DIRTY/MALFUNCTION - ALL	5. SPRINKLER WATERFLOW	6. SPRINKLER TAMPER	7. FIRE ALARM AC POWER FAILURE	8. FIRE ALARM SYSTEM LOW BATTERY	9. OPEN CIRCUIT
10. GROUND FAULT									
11. NOTIFICATION APPLIANCE CIRCUIT SHORT									
12. SYSTEM RESET									
(SEE NOTES 1 AND 2 BELOW FOR ACTIONS)									
NOTES:									
1. 'SYSTEM RESET' SHALL CLEAR ALL DETECTOR AND MANUAL ALARM SIGNALS. STOP AND RESET THE PRE-DISCHARGE COUNTDOWN, AND STOP TRANSMISSION OF ALL ALARM SIGNALS TO THE MAIN PANEL.									
2. SYSTEM SHALL BE PROGRAMMED SUCH THAT THE SYSTEM CAN BE RESET WHILE THE MANUAL ABORT BUTTON IS ACTIVATED.									
3. SYSTEM SHALL HAVE A 3 BEAT TEMPORAL SOUND PATTERN.									



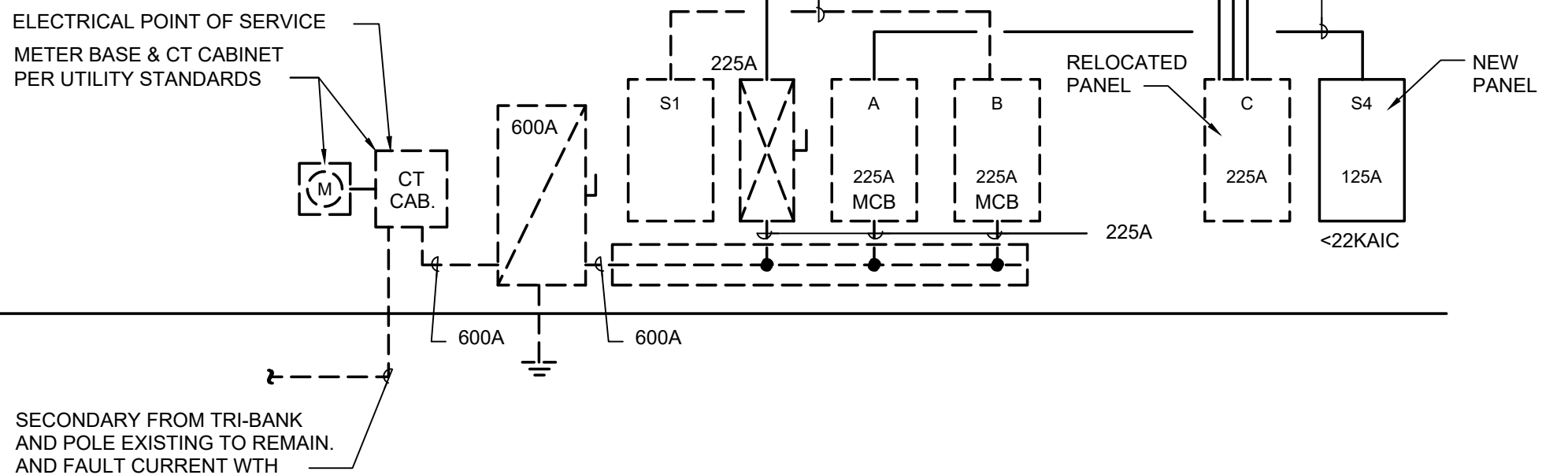
- FIRE ALARM RISER NOTES:
- FACP HAS A MINIMUM 24HR. BATTERY BACKUP.
 - ALL ITEMS INDICATED DASHED ARE EXISTING TO REMAIN.
 - FACP IS CONNECTED TO A UL APPROVED CENTRAL STATION.
 - ZONE PER NFPA 72 AND MANUFACTURER'S RECOMMENDATIONS.
 - SEE PLANS FOR EXACT DEVICE QUANTITY AND LOCATIONS.
 - CONTRACTOR SHALL MODIFY EXISTING FIRELITE SYSTEM AS REQUIRED TO HANDLE THE NEW FIRE ALARM DEVICES.
 - SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - THE CONTRACTOR SHALL RELOCATE FIRE ALARM (SPRINKLER MONITORING SYSTEM) AS REQUIRED FOR OPERATION.
 - CONTRACTOR SHALL SUBMIT SEALED SHOP DRAWINGS FOR AS REQUIRED BY THE BUILDING DEPARTMENT TO THE AHJ.

6 FIRE ALARM RISER DIAGRAM
E.301 NO SCALE



3 SERVICE GROUNDING DETAIL
E.301 NO SCALE

VERIFY/CONFIRM EXISTING PUMP INFORMATION FOR RECONNECTION. COORDINATE BRANCH CIRCUITS AND REQUIREMENTS PRIOR TO ANY ROUGH-IN WORK. PROVIDE NEW SEAL OFFS TO EXISTING CIRCUITS AS REQUIRED.



7 POWER RISER DIAGRAM
E.301 NO SCALE

- NOTES:
- THE CONTRACTOR SHALL FIELD VERIFY FAULT CURRENT WITH UTILITY COMPANY PRIOR TO PROJECT START UP. PANELBOARDS AND GEAR SHALL MATCH FAULT CURRENT OF UTILITY COORDINATION. PHENOLIC LABELS INDICATING RESPECTIVE FAULT CURRENT SHALL BE MECHANICALLY FASTENED TO PANEL. PROVIDE ARC-FLASH WARNING LABELS THAT COMPLY WITH NEC 110.16.
 - DESIGN INTENT IS TO REUSE EXISTING PANELS. PROVIDE ALL NEW BREAKERS AS REQUIRED FOR PROJECT RENOVATION. EXISTING BREAKERS MAY BE REUSED IF IN PROPER WORKING ORDER.
 - THE CONTRACTOR SHALL ENSURE THAT FEEDER AND BREAKER ARE EQUAL TO WHAT IS SHOWN ON RISER DIAGRAM. PROVIDE AS NEW DEPENDING ON FIELD CONDITIONS.
 - PANEL 'C' SHALL BE RELOCATED FROM EXISTING OFFICE BEING DEMOLISHED AND FEEDER AS NEW. FIELD VERIFY EXISTING BRANCH CIRCUITS THAT SHALL BE EXTENDED FOR BUILDING TO FUNCTION AS INTENDED.
 - AN AS-BUILT FIELD CONDITION POWER RISER DIAGRAM MUST BE PRINTED AND POSTED IN THE ELECTRICAL AREA AFTER PROJECT COMPLETION.

NOTE TO GENERAL CONTRACTOR, SUBCONTRACTORS AND SUPPLIERS:

The General Contractor and all Subcontractors and Material Suppliers shall review and be familiar with all drawings associated with this project including the architectural, civil, structural, plumbing, mechanical, and electrical drawings. Specific requirements depicted on one drawing page or in one portion of the drawings shall be applicable to all drawing pages and all portions of the drawings. Should a conflict or discrepancy be discovered in the drawings during the bidding or negotiation phase, the General Contractor, Subcontractor or Material Supplier shall immediately notify the Architect and request additional information and clarification. Failure to do so will not relieve the General Contractor, Subcontractor or Material Supplier from the requirements of all portions of the drawings.

MECHANICAL LEGEND

	SCHEDULE NUMBER		MAIN TRUNK AND BRANCH DUCT TAKEOFF, WITH VOLUME DAMPER
	DIFFUSER DESIGNATION AND CFM		
	CFM		
TYP. OF NUMBER OF SIMILAR DEVICES			
	NATURAL GAS PIPING		ROOF EXHAUST FAN
	CONDENSATE PIPING		RETURN OR EXHAUST AIR FLOW
	MANUAL VOLUME DAMPER		SUPPLY AIR FLOW
	MOTORIZED DAMPER		RETURN OR TRANSFER GRILLE
	BIPOLAR IONIZATION UNIT		EXHAUST GRILLE
	THERMOSTAT		
	TEMPERATURE SENSOR		
	COMBINATION CARBON MONOXIDE NITROGEN DIOXIDE SENSOR		
	HUMIDITY SENSOR		
	REFRIGERANT MONITORING DEVICE		(RD) RADIATION DAMPER
	STANDARD 4-WAY BLOW SUPPLY DIFFUSER		(FD) FIRE DAMPER
	3-WAY BLOW SUPPLY DIFFUSER		(SD) SMOKE DAMPER
	2-WAY BLOW SUPPLY DIFFUSER		(FSD) FIRE/SMOKE DAMPER
	1-WAY BLOW SUPPLY DIFFUSER		LOUVERED DOOR (SEE ARCHITECTURAL DRAWINGS)
	LINEAR DIFFUSER		1" DOOR UNDER CUT
			DUCT MOUNTED SMOKE DETECTOR
			CONDENSATE PUMP

GENERAL MECHANICAL NOTES

1. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT IN STRICT ACCORDANCE WITH APPLICABLE CODES AND STANDARDS, AND PER MANUFACTURER'S DIRECTIONS. INSTALLATION SHALL COMPLY WITH ANSI/ACCA STANDARD 5.
2. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS SHALL REVIEW AND BE FAMILIAR WITH ALL DRAWINGS ASSOCIATED WITH THIS PROJECT INCLUDING THE ARCHITECTURAL, CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS. SPECIFIC REQUIREMENTS DEPICTED ON ONE DRAWING PAGE OR IN ONE PORTION OF THE DRAWINGS SHALL BE APPLICABLE TO ALL DRAWING PAGES AND ALL PORTIONS OF THE DRAWINGS. SHOULD A CONFLICT OR DISCREPANCY BE DISCOVERED IN THE DRAWINGS DURING THE BIDDING OR NEGOTIATION PHASE, THE GENERAL CONTRACTOR, SUBCONTRACTOR OR MATERIAL SUPPLIER SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND REQUEST ADDITIONAL INFORMATION AND CLARIFICATION. FAILURE TO DO SO WILL NOT RELIEVE THE GENERAL CONTRACTOR, SUBCONTRACTOR OR MATERIAL SUPPLIER FROM THE REQUIREMENTS OF ALL PORTIONS OF THE DRAWINGS.
3. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS, LICENSE, INSPECTIONS, APPROVALS, AND FEES.
4. THE CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE THAT SHALL WARRANT ALL WORKMANSHIP AND MATERIALS FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER. ANY BREAKDOWN OCCURRING IN THE FIRST YEAR SHALL BE AT NO EXPENSE TO THE OWNER. ALL REFRIGERATION COMPRESSORS SHALL HAVE A FIVE YEAR (PARTS ONLY) WARRANTY, AND ALL NATURAL GAS HEAT EXCHANGERS SHALL HAVE A TEN YEAR (PARTS ONLY) WARRANTY.
5. DRAWINGS ARE SCHEMATIC, NOT ALL RISES AND DROPS ARE SHOWN. DO NOT SCALE DRAWINGS FOR MEASUREMENTS. DRAWINGS THAT HAVE NOT RECEIVED PERMIT APPROVAL FROM AUTHORITY HAVING JURISDICTION SHOULD NOT BE USED FOR FINAL OR GUARANTEED PRICING. ANY PRICING BASED ON UNAPPROVED DRAWINGS SHOULD BE NOTED AS PROVISIONAL. CONTRACTOR ACCEPTS ALL RESPONSIBILITY FOR GUARANTEED PRICING BASED ON UNAPPROVED DRAWINGS.
6. WHEN EXISTING EQUIPMENT IS REUSED CONTRACTOR SHALL ENSURE EQUIPMENT IS IN GOOD WORKING ORDER AND SHALL REPORT TO THE OWNER ANY REPAIRS REQUIRED TO BRING EQUIPMENT TO GOOD WORKING ORDER PRIOR TO TURN OVER.
7. TRADES ARE TO COORDINATE THEIR WORK WITH ALL OTHER TRADES TO AVOID CONFLICTS. GENERALLY, DUCTWORK SHALL BE KEPT AS HIGH AS POSSIBLE. MECHANICAL CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS INCLUDING BUT NOT NECESSARILY LIMITED TO ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND ENTIRE PROJECT MANUAL. MECHANICAL CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF THE MECHANICAL WORK. MECHANICAL CONTRACTOR SHALL FULLY COORDINATE MECHANICAL WORK WITH THE INSTALLATION OF WORK BY ALL OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE MECHANICAL INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.
8. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS AND SHALL FURNISH EQUIPMENT WIRED FOR VOLTAGES SHOWN THEREIN.
9. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF MECHANICAL EQUIPMENT, DUCTWORK, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO ORDERING ANY EQUIPMENT OR MATERIALS. ALL SUSPENDED MATERIALS AND EQUIPMENT SHALL BE INDIVIDUALLY SUPPORTED FROM THE BUILDING STRUCTURE. DO NOT SUSPEND ITEMS FROM THE CEILING OR ITS SUPPORT SYSTEM.
10. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER OF RECORD.
11. CONTRACTOR SHALL KEEP A SET OF MARKED UP PRINTS WITH ANY FIELD CHANGES MADE DURING CONSTRUCTION TO CREATE AN "AS-BUILT" SET OF PRINTS TO BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT. NOTE PER ENERGY CODE SECTION 3 DESIGN SET POINTS OF EQUIPMENT AT A MAXIMUM OF NO LOWER THAN 75° IN COOLING AND NO HIGHER THAN 72° IN HEATING.
12. IN THE EVENT CONTRACTOR SUBSTITUTES ALTERNATE MANUFACTURERS THEN CONTRACTOR SHALL COORDINATE ALL ASPECTS OF SUBSTITUTED EQUIPMENT WITH ALL TRADES INCLUDING BUT NOT LIMITED TO GAS SERVICE, ELECTRICAL SERVICE, STRUCTURAL LOADS AND OPENINGS, ETC.
13. HVAC SYSTEM HAS BEEN DESIGNED AND SPECIFIED AS SHOWN ON THESE CONSTRUCTION DOCUMENTS. ANY SUBSTITUTION NOT EQUAL IN PERFORMANCE WILL BE REVIEWED AFTER CONTRACTOR ATTAINS OWNERSHIP APPROVAL. ANY SUBSTITUTION AS FOREMENTIONED ABOVE, WILL BE AT THE RESPONSIBILITY AND LIABILITY OF THE CONTRACTOR. SUBMITTALS WILL BE REVIEWED ONLY FOR CODE COMPLIANCE.
14. PROVIDE ACCESS PANELS IN CEILINGS AND WALLS TO ALLOW ACCESS TO VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. MINIMUM ACCESS SIZE - 12"x12", UNLESS LIMITED BY PHYSICAL CONSTRAINTS.
15. ALL CONDENSATE DRAIN PIPING SHALL BE TYPE L HARD DRAWN COPPER, ASTM B-88, WITH TYPE DWV FITTINGS, ASME B16.23, OR SCHEDULE 40 PVC, ASTM D1785, WITH TYPE DWV FITTINGS, ASTM D2672. COPPER DRAIN PIPE AND FITTINGS SHALL BE JOINED USING 95-5 SILVER SOLDER, AND PVC PIPE AND FITTINGS SHALL BE JOINED USING SOLVENT CEMENT. PROVIDE TRAP WITH CLEANOUT AND UNIONS. SLOPE CONDENSATE DRAIN LINES A MINIMUM OF 1/8" PER FOOT AWAY FROM THE MECHANICAL EQUIPMENT. PROVIDE AUXILIARY WATER LEVEL MONITORING DEVICES PER SECTION 307.2.3. UNLESS OTHERWISE NOTED ROUTE CONDENSATE AT FULL SIZE OF EQUIPMENT CONNECTION FROM EQUIPMENT TO DRY WELL OR SITE STORM. IN CASES WHERE NEITHER IS AVAILABLE DISCHARGE TO NEAREST MOP SINK OR UTILITY SINK. PROVIDE CONDENSATE PUMP AS REQUIRED BY FIELD CONDITIONS.
16. SUBMITTALS: AS A MINIMUM, THE CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL ITEMS SCHEDULED ON THE DRAWINGS, UNLESS DIRECTED OTHERWISE.
17. MECHANICAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
18. OUTSIDE AIR FOR AIR CONDITIONING UNITS SHALL BE A MINIMUM OF 10 FEET FROM EXHAUST FANS, EXHAUST OPENINGS AND PLUMBING VENTS.
19. ALL DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR DIMENSIONS. CONTRACTOR MAY SUBSTITUTE BETWEEN DUCT GEOMETRIES (RECTANGULAR, SQUARE, ROUND, AND FLAT OVAL) AS REQUIRED BY FIELD CONDITIONS AND PRODUCT AVAILABILITY WITH OWNER'S APPROVAL. CONTRACTOR SHALL ENSURE ALTERNATE GEOMETRIES SHALL BE EQUIVALENT FREE AREA AND SIZED PER DUCTULATOR OR MANUFACTURER'S CONVERSION CHART. RETURN AND EXHAUST SHALL BE SIZED AT 0.06" SP LOSS PER 100' AND SUPPLY SHALL BE SIZED AT 0.08" SP LOSS PER 100'.
20. ALL SUPPLY AND RETURN DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE LATEST SMACNA AND ASHRAE STANDARDS. DUCTWORK SHALL BE FABRICATED OF GALVANIZED STEEL FOR A PRESSURE RATING OF (-) 2" WG FOR RETURN AND (+) 2" WG FOR SUPPLY DUCTWORK. ALL EXHAUST DUCTWORK SHALL CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH THE LATEST SMACNA AND ASHRAE STANDARDS. EXHAUST DUCTWORK SHALL BE FABRICATED OF GALVANIZED STEEL FOR A PRESSURE RATING OF 1" WG IN EXCESS OF THE SYSTEM FAN TOTAL STATIC PRESSURE RATING AT DESIGN FLOW RATE, UNLESS NOTED OTHERWISE.
21. SUPPORT DUCTWORK FROM BUILDING STRUCTURE IN ACCORDANCE WITH SMACNA STANDARDS.
22. RADIUS DUCTWORK ELBOWS SHALL HAVE A CENTERLINE RADIUS OF 1.5 TIMES THE DUCT WIDTH (OR DIAMETER) UNLESS NOTED OTHERWISE.
23. ALL MITERED ELBOWS (RECTANGULAR AND ROUND) SHALL HAVE DOUBLE THICKNESS TURNING VANES INSTALLED UNLESS NOTED OTHERWISE ON DRAWINGS.
24. SECURELY SEAL ALL JOINTS LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK USING WELDMENTS, MECHANICAL FASTENERS WITH SEALS OR GASKETS OR MASTICS, MESH AND MASTIC SEALING SYSTEMS OR TAPES. TAPES AND MASTICS MUST BE LISTED AND LABELED IN ACCORDANCE WITH UL181A OR UL181B.
25. DUCT CONNECTIONS TO FANS AND OTHER AIR DISTRIBUTION EQUIPMENT SHALL BE MADE USING MECHANICAL FASTENERS WITH SEALS, MASTICS OR GASKETS. ALL MECHANICAL EQUIPMENT SHALL BE PROVIDED WITH VIBRATION ISOLATION BETWEEN EQUIPMENT AND BUILDING STRUCTURE.
26. SUPPLY AIR AND RETURN AIR DUCTWORK SHALL BE INSULATED WITH A MINIMUM 2" THICK, 3/4 LB. PER CUBIC FOOT, FIBERGLASS DUCTWRAP, WITH FOIL FACED VAPOR BARRIER AND AN INSTALLED THERMAL RESISTANCE OF 6.0 (R VALUE). ALTERNATE INSULATION FOR RECTANGULAR SUPPLY AND RETURN DUCT SHALL BE AN INTERIOR OR DUCT LINING WITH A MINIMUM 1-1/2" THICK, 1.5 LB. PER CUBIC FOOT DUCT LINER. DUCT LINER SHALL CONTAIN AN ANTI-MICROBIAL AGENT WITHIN THE DUCT LINING ITSELF. MINIMUM "R" VALUE SHALL BE R-6.3. INCREASE DUCT SHEET METAL SIZE AS REQUIRED TO MEET INSIDE CLEAR DIMENSIONS GIVEN ON DRAWINGS.
27. ALL DUCT INSULATION SHALL MEET THE MINIMUM REQUIREMENTS OF U.L. 181 FOR FLAME SPREAD AND SMOKE DEVELOPMENT, AND SHALL BE U.L. LISTED.
28. TRANSFER DUCTS SHALL BE INTERNALLY LINED TO AID IN CANCELING NOISE TRANSFER.
29. EXHAUST DUCTWORK SHALL BE INSULATED UNLESS NOTED OTHERWISE.
30. EXPOSED DUCTWORK SHALL BE INTERNALLY LINED AND WHEN ROUND SHALL BE SPIRAL CONSTRUCTION. STANDING SEAM ROUND DUCT WORK SHALL NOT BE ALLOWED WHEN VISIBLE. INTERNAL INSULATION EXPOSED TO AIR STREAM SHALL BE CLOSED CELL ELASTOMERIC MATERIAL.
31. COORDINATE LOCATIONS OF GRILLES, REGISTERS AND DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLAN. LOCATIONS SHOWN ARE APPROXIMATE, ADJUST LOCATIONS IN THE FIELD AS REQUIRED BY CONSTRUCTION CONSTRAINTS.
32. PROVIDE EACH SUPPLY AIR OUTLET OR DIFFUSER WITH ITS OWN BALANCING DEVICE. DEVICES CAN BE LOCATED IN DUCTWORK OR SUPPLY AIR DEVICE ITSELF.
33. ALL MANUAL BALANCING DAMPERS SHALL HAVE A LOCKING QUADRANT.
34. FLEXIBLE DUCTWORK SHALL BE CLASSIFIED UNDER UL 181. PROVIDE A MINIMUM OF 3 FEET IN LENGTH AND A MAXIMUM OF 10 FEET IN LENGTH, SUPPORTED WITH 3" GALVANIZED SHEET METAL STRAPS AT 4 FEET CENTERS (MAX). FLEXIBLE DUCT RUNOUTS SHALL BE ROUND DUCTWORK REINFORCED WITH A WIRE HELIX AND INSULATED WITH 1-1/2" THICK FIBERGLASS (WITH A 6.0 "R" VALUE MINIMUM) COVERED WITH FLAMEPROOF VAPOR BARRIER OF ALUMINUM METALIZED POLYESTER FILM LAMINATED TO GLASS MESH. DUCT SHALL BE ATOC'S UPC #036 VALUFLEX CLASS 1 AIR DUCT OR EQUAL. CONNECTIONS TO DUCT MAINS SHALL BE MADE WITH FITTINGS PROVIDED WITH TWIST RINGS, BUTTERFLY DAMPERS, LOCKING HAND QUADRANTS, AND INSULATION GUARDS.
35. CONTRACTOR SHALL FURNISH, ROUTE, AND INSTALL CONTROL WIRING FOR ALL MECHANICAL SYSTEMS. FOR SYSTEMS WITH MULTIPLE COMPONENTS CONTRACTOR IS RESPONSIBLE FOR ALL WIRING BETWEEN COMPONENTS.
36. INSTALL THERMOSTATS AT 4'-0" A.F.F. UNLESS NOTED OTHERWISE. THERMOSTAT LOCATIONS SHALL BE COORDINATED WITH FINAL LOCATIONS OF WALL-MOUNTED ARCHITECTURAL AND ELECTRICAL EQUIPMENT. FINAL LOCATIONS MUST BE APPROVED BY THE ARCHITECT AND OWNER. THERMOSTATS SHALL NOT BE INSTALLED ON EXTERIOR WALLS IF INTERIOR WALLS ARE AVAILABLE WITHIN SPACE SERVED BY THERMOSTAT. SHOULD THE THERMOSTAT REQUIRE INSTALLATION ON AN EXTERIOR WALL AN INSULATED BAKING PLATE MUST BE PROVIDED TO PREVENT FALSE READINGS BY THE THERMOSTAT.
37. MECHANICAL CONTRACTOR SHALL PROVIDE A COMPLETE TEST AND BALANCE REPORT OF THE HVAC SYSTEMS PREPARED BY AN INDEPENDENT TEST AND BALANCE CONTRACTOR. A COPY OF THE TEST AND BALANCE REPORT SHALL BE TRANSMITTED TO THE LOCAL CODE OFFICIALS AS REQUIRED. THE TEST AND BALANCE REPORT SHALL INCLUDE COIL LEAVING TEMPERATURE, OUTSIDE AIR TEMPERATURE, RETURN AIR TEMPERATURE, AND BOTH OUTDOOR AND INDOOR HUMIDITY READINGS.
38. CONTRACTOR SHALL PROVIDE A COMPLETE COMMISSIONING REPORT OF THE HVAC SYSTEMS PREPARED BY AN INDEPENDENT COMMISSIONING CONSULTANT AS REQUIRED BY THE ENERGY CONSERVATION CODE IN EFFECT. A COPY OF THE COMMISSIONING REPORT SHALL BE TRANSMITTED TO THE LOCAL CODE OFFICIALS AS REQUIRED.
39. ALL PENETRATIONS THROUGH EXTERIOR WALLS & ROOF SHALL BE FLASHED & COUNTERFLASHED IN A WATERPROOF MANNER. (COLOR TO MATCH EXTERIOR).
40. CONTRACTOR SHALL VERIFY LOCATION OF ALL PENETRATIONS FOR RELIEF HOODS, OUTSIDE AIR HOODS, LOUVERS, AND WALL CAPS WITH ARCHITECT & OWNER PRIOR TO INSTALLATION.
41. PENETRATIONS OF RATED WALLS, PARTITIONS AND FLOORS OF NON-COMBUSTIBLE CONSTRUCTION SHALL BE FIRESTOPPED WITH MATERIALS EQUIVALENT TO TWO INCHES OF STOOD. FIRESTOPPING SHALL COMPLY WITH ASTM E-814. CONTRACTOR SHALL COORDINATE PENETRATIONS WITH ARCHITECTURAL PLANS AND SHALL PROVIDE FIRE DAMPERS AT EVERY PENETRATION OF A RATED WALL AND SMOKE DAMPERS WHERE ARCHITECTURAL RATINGS REQUIRE INCLUDING THE PENETRATION OF CORRIDOR ENCLOSURES. WHERE BOTH A FIRE AND SMOKE DAMPER ARE REQUIRED A COMBINATION FIRE SMOKE DAMPER MAY BE PROVIDED. PROVIDE RADIATION DAMPERS FOR ALL AIR DEVICES PENETRATING A RATED CEILING. LISTING OF DAMPERS SHALL MEET OR EXCEED RATING OF ASSEMBLY WHERE INSTALLED.
42. REFRIGERANT PIPING, NOT SHOWN ON PLANS, SHALL BE SIZED & INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, INSTALLATION INSTRUCTIONS AND LOCAL CODES.
43. CONTRACTOR SHALL PREPARE ALL EXPOSED DUCT, GRILLES, PIPING, AND UNITS FOR PAINTING. GC WILL BE RESPONSIBLE FOR PAINTING.
44. AIR HANDLERS WITH AIRFLOWS GREATER THAN OR EQUAL TO 2000 CFM OR THAT SHARE A COMMON OUTSIDE AIR OR RETURN DUCT SHALL BE FURNISHED WITH SMOKE DETECTORS LOCATED IN THE SUPPLY SECTIONS FOR ALL UNITS.



GPM
INVESTMENTS, LLC



1248 CROZET AVE
CORSET, VA 22932

#	Date	Description
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DRAWING TITLE

SHEET NUMBER

M001

REFRIGERANT CALCULATIONS	
CALCULATIONS PER	
TABLE 1103.1 OF THE MECHANICAL CODE	
NEW WALK-IN COOLER	
Space Volume	$\text{Area}(\text{sq.ft}) = 99$ $\text{Height (ft)} = 8$ $\text{Volume}(\text{cu.ft}) = 792$
Allowable Refrigerant Per IMC	Refrigerant type = R-404A
Allowable lbs/1000 cu.ft = 31	
Allowable lbs. of Ref = 24.55	

REFRIGERATION CLASSIFICATION: A1
SYSTEM CLASSIFICATION: DIRECT SYSTEM, HIGH PROBABILITY

NOTES:
1. PIPING MATERIAL SHALL COMPLY WITH 1107.5 NCMC. COMPLIANT MATERIALS ARE: STEEL-1107.5.1, COPPER AND BRASS-1107.5.3, COPPER TUBE 1107.3 (JOINTS 1107.5.4), ALUMINUM-107.5.3 NCMC.

REFRIGERANT CALCULATIONS	
CALCULATIONS PER	
TABLE 1103.1 OF THE MECHANICAL CODE	
NEW WALK-IN FREEZER	
Space Volume	
Area(sq.ft) = 73	
Height (ft.) = 8	
Volume(cu.ft) = 584	
Allowable Refrigerant Per IMC	
Refrigerant type = R-404A	
Allowable lbs/1000 cu.ft= 31	
Allowable lbs. of Ref = 18.10	

REFRIGERATION CLASSIFICATION: A1
SYSTEM CLASSIFICATION: DIRECT SYSTEM, HIGH PROBABILITY

NOTES:
1. PIPING MATERIAL SHALL COMPLY WITH 1107.5 NCMC. COMPLIANT MATERIALS ARE: STEEL-1107.5.1, COPPER AND BRASS-1107.5.3, COPPER TUBE 1107.3 (JOINTS 1107.5.4), ALUMINUM-107.5.3 NCMC.

OUTSIDE AIR CALCULATIONS BASED ON TABLE 403.3.1.1											
UNIT TAG	SPACE USAGE	CLASSIFICATION OF AREA SERVED PER TABLE 403.3	AREA (SQ. FT.)	VENTILATION EFFECTIVENESS (Ez)	NO. OF PEOPLE PER 1000 SQ. FT. (TABLE 403.3)	PEOPLE QUANTITY	AIRFLOW PER PERSON (TABLE 403.3)	AIRFLOW PER SQFT (TABLE 403.3)	OUTSIDE AIR REQUIRED BY AREA SERVED (CFM)	TOTAL OUTSIDE AIR REQUIRED (CFM)	TOTAL OUTSIDE AIR PROVIDED (CFM)
(E)AH-1 / AH-2	SALES AREA	SALES	1963	0.8	15	30	7.5	0.12	575.7	687.0	700
	HALLWAY	CORRIDORS	91	0.8	0	0	0	0.06	6.8		
	STORAGE	STORAGE ROOMS	81	0.8	0	0	0	0.12	12.2		
	OFFICE	OFFICE SPACE	47	0.8	5	1	5	0.06	9.8		
	BACK OF HOUSE AREA	STORAGE ROOMS	546	0.8	0	0	0	0.12	81.9		
								TOTAL	686.4	687.0	700

FAN SCHEDULE												
TAG	MANUFACTURER & MODEL NO.	AREA SERVED	SERVICE	CFM	S.P. IN. WG.	DRIVE TYPE	NOMINAL RPM	FAN TYPE	ELECTRICAL V/PH/Hz	MOTOR HP (WATTS)	CONTROL METHOD	NOTES
EF-1	GREENHECK / SP-A110	TOILET	EXHAUST	75	0.25	DIRECT	950	CABINET	120/1/60	(19.4)	A	1-12
EF-2	GREENHECK / SP-A190	TOILET	EXHAUST	150	0.25	DIRECT	1400	CABINET	120/1/60	(54.4)	A	1-12
NOTES: 1. SCREEN 2. BACKDRAFT DAMPER 3. GRILLE COLOR SELECTED BY ARCHITECT 4. INTEGRAL DISCONNECT SWITCH 5. PROVIDE UNIT WITH VIBRATION ISOLATION. 6. UNIT SHALL BE UL LISTED AND AMCA CERTIFIED. 7. PROVIDE MOTOR WITH THERMAL OVERLOAD PROTECTION. 8. PROVIDE UNIT WITH INSULATED HOUSING FOR SOUND ATTENUATION. 9. PROVIDE WITH MANUFACTURER'S PAIRED CURB CAP. 10. PROVIDE MOTOR STARTER AS REQUIRED 11. SPEED CONTROLLER NEAR FAN 12. ACCEPTABLE EQUALS SHALL BE ACME, BREIDERT, CARNES, COOK, AND PENN												
CONTROL METHOD: A) W/ ROOM LIGHTS B) W/ THERMOSTAT C) W/ SWITCH D) CONTINUOUS OPERATION E) W/ CLOCK												

AIR DISTRIBUTION SCHEDULE										
TAG	MANUFACTURER & MODEL NO.	NECK SIZE	FACE SIZE	FRAME TYPE	PATTERN	DAMPER	MATERIAL	SERVICE	FINISH	NOTES
S-1	PRICE / SPD	PER PLAN	24x24	LAY-IN	4-WAY	YES	STEEL	SUPPLY	OFF WHITE	1,2
S-2	PRICE / SPD	PER PLAN	12x12	SURFACE	4-WAY	YES	STEEL	SUPPLY	PAINT GRIP	1,2
R-1	PRICE / 80	PER PLAN	24x24	LAY-IN	SING. DEFF.	NO	STEEL	RETURN	OFF WHITE	2
R-2	PRICE / 80	PER PLAN	12x12	SURFACE	SING. DEFF.	NO	STEEL	RETURN	PAINT GRIP	2
NOTES: 1. PROVIDE OPPOSED BLADE DAMPERS IN NECK OF DIFFUSER OR REGISTER, WITH ACCESS TO DAMPER THROUGH FACE OF DIFFUSER OR REGISTER. 2. ACCEPTABLE EQUALS SHALL BE ANEMOSTAT, CARNES, KRUEGER, NAILOR, TITUS AND TUTTLE & BAILEY.										

SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE																								
AIR HANDLING UNIT DATA														HEATPUMP UNIT									WEIGHT (LBS) AH/HP	NOTES
TAG	MANUFACTURER/ MODEL NO.	FAN DATA					COOLING		HEAT	AUXILIARY	ELECTRICAL DATA			GENERAL DATA						ELECTRICAL DATA				
		SUPPLY CFM	OA (CFM)	MIN.EXT. S.P. (IN.WG)	MOTOR HP	FAN RPM	TOTAL (MBH)	SENS. (MBH)	TOTAL (MBH)	KW (MBH)	V/PH	MCA (A)	MOCP (A)	TAG	MANUFACTURER/ MODEL NO.	NOMINAL TONNAGE	EFF. EER (SEER)	EFF. IEER	HSPF	V/PH	MCA (A)	MOCP (A)		
AH-2	AMERICAN STANDARD / TWE090K3BAA	3000	300	0.5	PER MFG	PER MFG	90	63	50	14.97	208/3	48	50	HP-3	AMERICAN STANDARD / 5A6C040A3000A	4	PER MFG	PER MFG	8.5	208/3	18	30	300	1-14
														HP-4	AMERICAN STANDARD / 5A6C040A3000A	4	PER MFG	PER MFG	8.5	208/3	18	30	300	1-14
NOTES: 1. COOLING CAPACITIES ARE RATED IN ACCORDANCE WITH ARI STANDARD 210/ 290 AT 95 DEGREE FARHENHEIT AMBIENT OUTDOOR AIR TEMPERATURE, 80 DEGREE FARHENHEIT DRY BULB, AND 67 DEGREE FARHENHEIT WET BULB ENTERING AIR TEMPERATURE, AND NORMAL AIR QUANTITY LISTED. 2. REFRIGERANT PIPING TO BE SIZED PER TOTAL INSTALLATION EQUIVALENT LENGTH. LONG-LINE APPLICATION TO BE PROVIDED WHENEVER MANUFACTURER RECOMMENDED LENGTHS ARE EXCEEDED, INCLUDING LIQUID LINE SOLENOID VALVES, ACCUMULATOR, ETC. MAXIMUM T.D.L IS 100'. 3. PROVIDE SINGLE POINT ELECTRICAL CONNECTION FOR AIR HANDLING UNIT. 4. PROVIDE NEW FILTER IN EACH UNIT AT TURNOVER TO OWNER. 5. PROVIDE MANUFACTURER'S 7-DAY PROGRAMMABLE AUTOMATIC CHANGEOVER HEAT/ COOL THERMOSTAT. PROGRAM FAN SETTING TO BE IN "ON" POSITION DURING PERIODS OF OCCUPATION. PROVIDE WITH OUTSIDE AIR TEMPERATURE SENSOR TO LOCKOUT ELECTRIC HEAT WHEN OUTSIDE AIR TEMPERATURE IS ABOVE 40 DEGREES. PROVIDE A 24V MOTORIZED DAMPER ON FRESH AIR RUN-OUT TO UNIT. DAMPER IS TO OPEN WHEN FAN IS ENERGIZED. 6. DRAIN CONDENSATE TO DRY WELL OR SITE STORM OUTSIDE BUILDING. PIPING SHALL BE FULL SIZE OF EQUIPMENT CONNECTION AND CONDENSATE WATER SHALL NOT DISCHARGE ACROSS WALKWAYS OR PARKING LOTS. 7. UNIT SHALL BE UL LISTED AND ARI CERTIFIED. MAINTAIN FACTORY SPECIFIED CLEARANCES ON ALL SIDE OF EQUIPMENT. 8. PROVIDE UNIT WITH INDOOR UNIT WITH VIBRATION ISOLATION. PRVIDE OUTDOOR UNIT WITH HOUSE KEEPING PAD OR PATE EQUIPMENT RAILS WITH VIBRATION ISOLATION AS REQUIRED BY FIELD CONDITIONS. 9. ELECTRICAL/CONTRACTOR SHALL PROVIDE SMOKE DETECTORS ON THE RETURN DUCT DISCHARGES TO BE INSTALLED BY MECHANICAL CONTRACTOR. IF BUILDING HAS FIRE ALARM SYSTEM SMOKE DETECTORS SHALL BE BY FIRE ALARM CONTRACTOR. 10. CATALOG NUMBERS AND MANUFACTURERS ARE TO INDICATE TYPE AND QUALITY OF UNIT DESIRED. SUBMIT CUTSHEETS OF THESE AND ALTERNATE MANUFACTURERS FOR ARCHITECT AND OWNER APPROVAL PRIOR TO PURCHASE OF ANY UNITS. INFORMATION ON ALTERNATE UNITS PROPOSED BY THE CONTRACTOR SHALL INCLUDE THE ADD/ DEDUCT ASSOCIATED WITH ACCEPTANCE OF THAT UNIT (OR THE ALTERNATE PACKAGE AS A WHOLE). 11. PROVIDE FACTORY INSTALLED DIRTY FILTER SWITCH AND BLOWER PROVING SWITCH. 12. PROVIDE 1 YEAR PARTS AND LABOR WARRANTY. PROVIDE 5 YEAR PARTS WARRANTY ON COMPRESSORS. 13. ACCEPTABLE ALTERNATE MANUFACTURERS: DAIKIN, CARRIER & LENNOX 14. MECHANICAL CONTRACTOR SHALL PROVIDE A START UP CHECKLIST CONFIRMING ALL UNITS HAVE BEEN PROPERLY STARTED AND CONFIRMED RUNNING PROPERLY.																								



WAVE ENGINEERING
3540 TORINGDON WAY, SUITE 200
CHARLOTTE, NC 28277
980-256-7728
INFO@WAVE-ENGINEERING.COM
WAVE PROJECT #25065



03/24/2025



RENOVATION OF STORE # 3615

1248 CROZET AVE
CORSET, VA 22932

Revisions		
#	Date	Description

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

MECHANICAL SCHEDULES

SHEET NUMBER

M002

- 1 EVAPORATOR FOR COOLER/FREEZER COORDINATE EXACT LOCATION WITH EQUIPMENT SUPPLIER. REFER TO FOOD SERVICE DRAWINGS.
- 2 COORDINATE EXACT LOCATION OF FREEZER/COOLER CONDENSER WITH FIELD CONDITIONS. PROVIDE GUARDS AS REQUIRED BY NCMC 304.11.
- 3 ROUTE EVAPORATOR CONDENSATE TO MOP SINK OR NEAREST FLOOR DRAIN OUTSIDE OF FREEZER/ COOLER.
- 4 COORDINATE LOCATIONS OF NEW AND EXISTING HVAC UNITS IN FIELD.
- 5 EXISTING TO REMAIN.
- 6 RECONNECT EXISTING OA AT FULL SIZE OF EXISTING TO NEW RETURN DUCTWORK. IF NO OA EXIST ON THIS SPACE PROVIDE A 10'Ø UP TO GREENHECK GRS ON ROOF OR EQUAL WITH MDS FOR EACH UNIT.
- 7 CONTRACTOR MAY REUSE ANY EXISTING DUCTWORK AND AIR DEVICES AT OWNER DIRECTION AND IF EQUAL TO WHAT IS SHOWN ON PLANS NOW.

NOTE:

1. NUMBER OF REF. LINE OPENINGS TO BE DETERMINED AND CUT ON JOB
2. PAINT IN COLOR SELECT BY ARCHITECT.

FURNISH & INSTALL 16 GA. GALV. BOX W/ REMOVABLE COVER

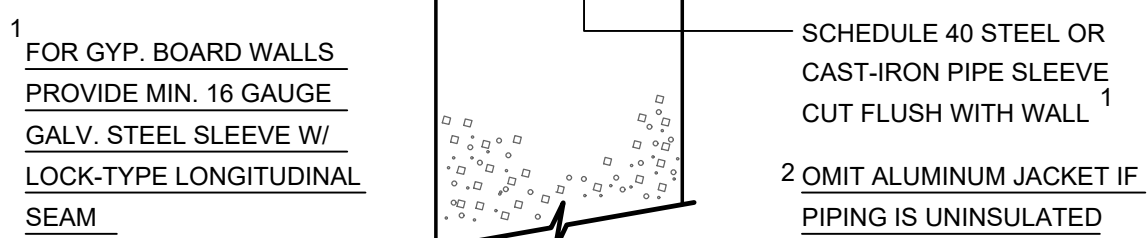
CAULK W/ SILICON AFTER LINES HAVE BEEN INSTALLED

PRIME PAINT 2 (TWO) COATS PER SPECS

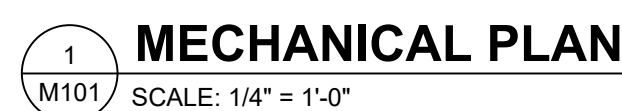
CURB CAP, 16 GA. GALV. SHEET METAL.

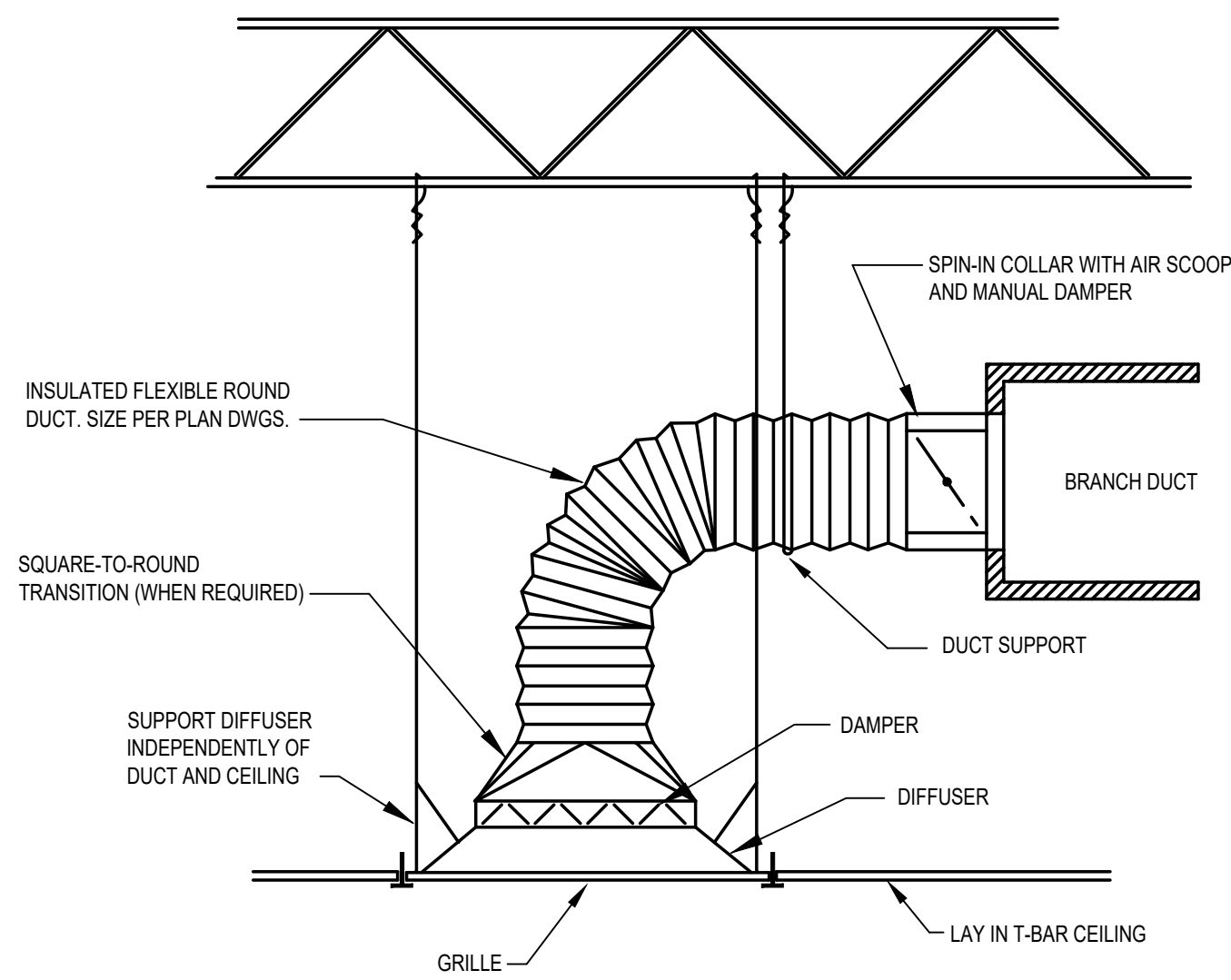
CURB BY M.C. INSTALLED BY G.C. VERIFY EXACT LOCATION. 16 GA. GALV. SHEET METAL.

M101 NOT TO SCALE

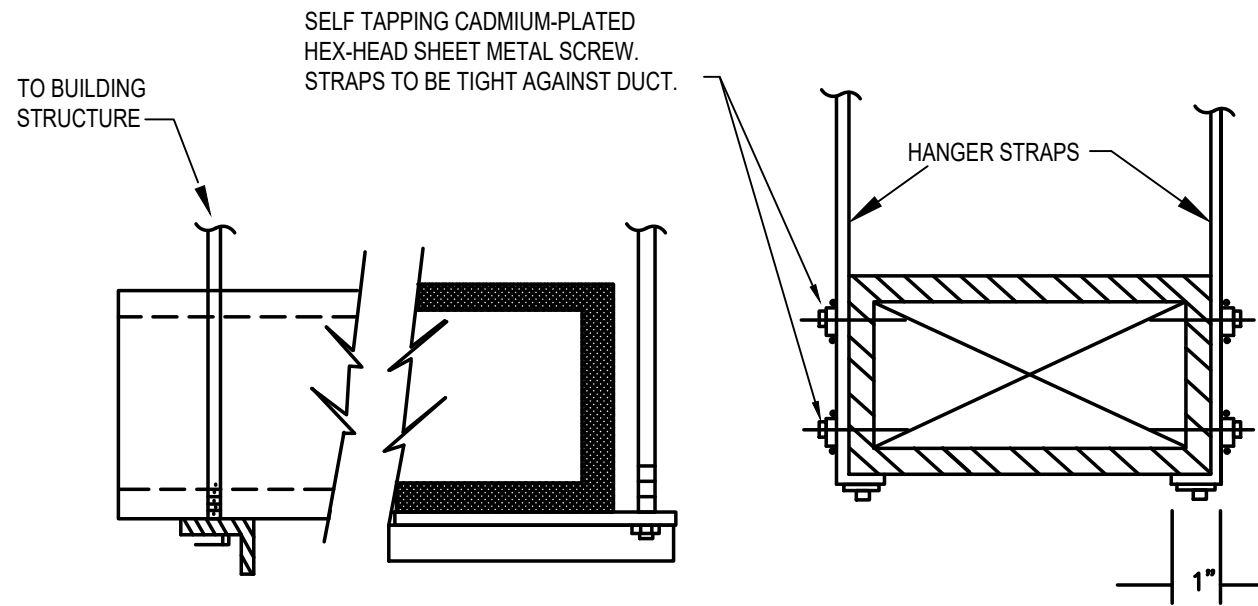


3 WALL F
M101 NOT TO SCALE



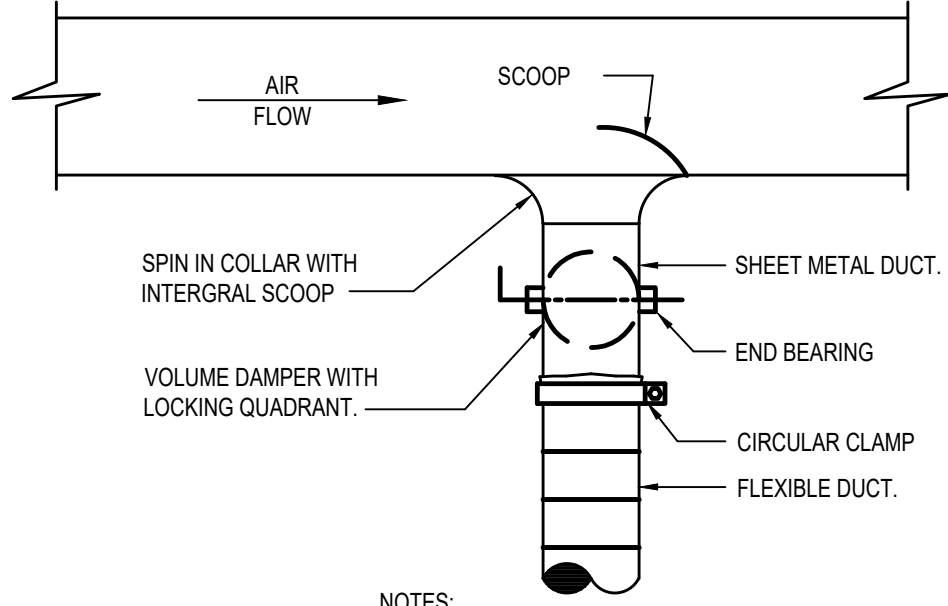


1 LAY-IN AIR DEVICE INSTALLATION DETAIL
M201 NOT TO SCALE

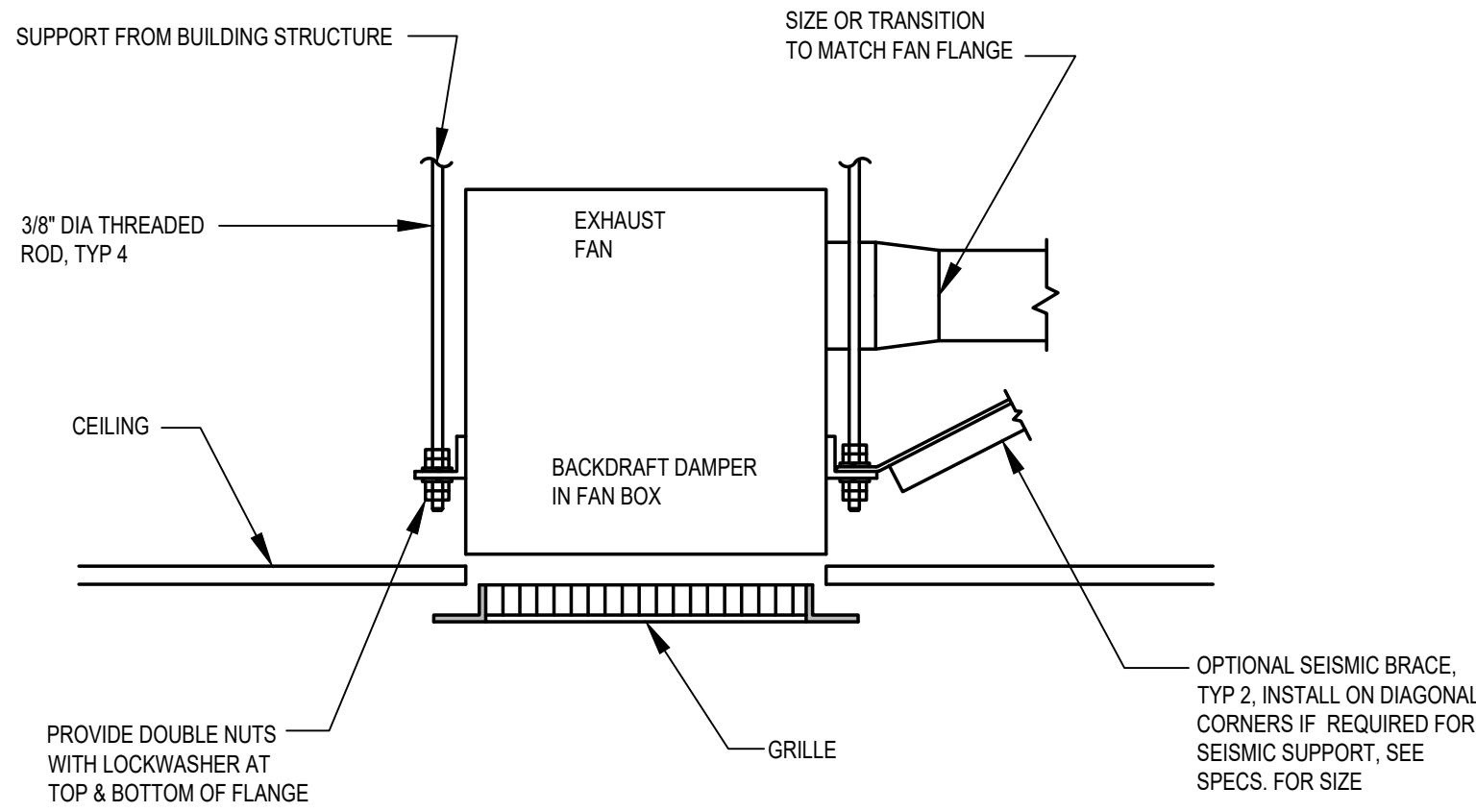


HANGER SIZES FOR RECTANGULAR DUCTS			
MAX. SIDE	HANGER	SUPPORT ANGLE HORIZONTAL	SPACING MAXIMUM
30"	1" x 1/8" GAUGE STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1-1/2" x 1-1/2" x 1/8"	8'-0"
48"	1/4" ROUND ROD	2" x 2" x 1/8"	8'-0"
60"	5/16" ROUND ROD	2" x 2" x 1/8"	8'-0"
84"	3/8" ROUND ROD	2" x 2" x 1/8"	8'-0"

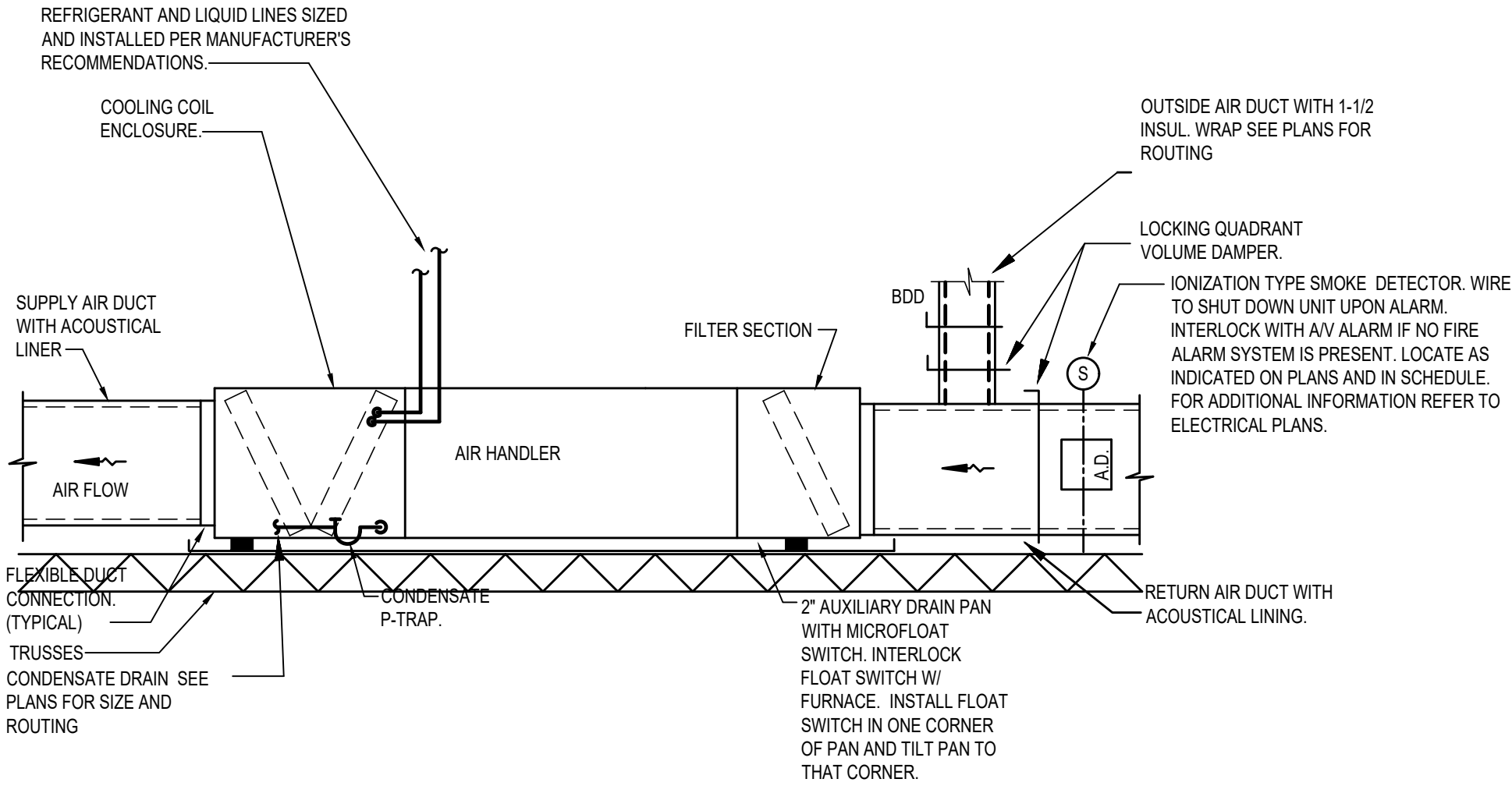
2 RECTANGULAR DUCT HANGER DETAIL
M201 NOT TO SCALE



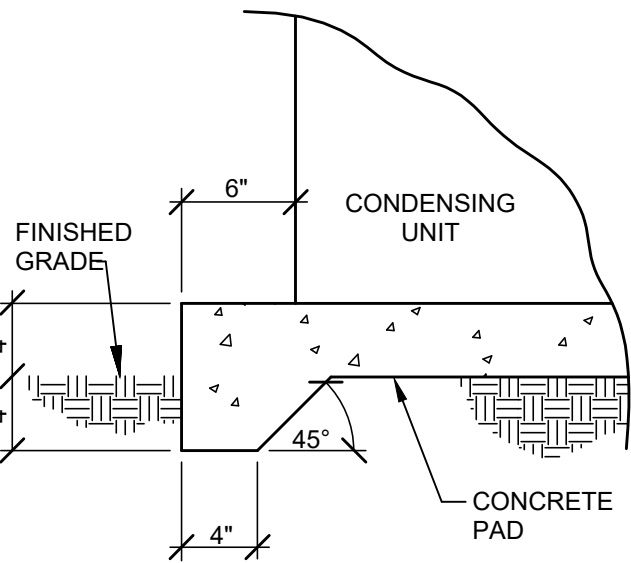
3 TYPICAL BRANCH TAKE-OFF DETAIL
M201 NOT TO SCALE



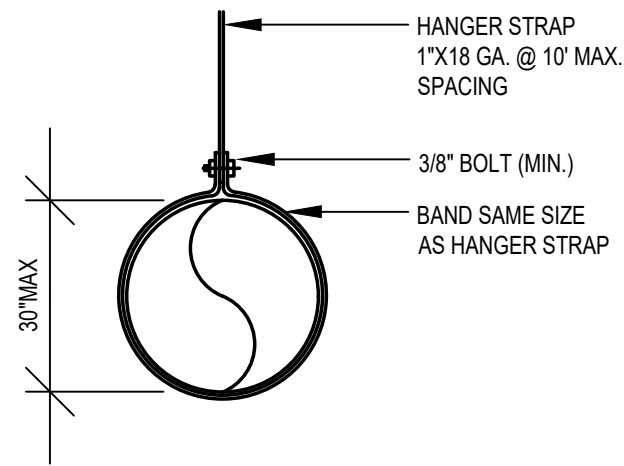
4 CEILING EXHAUST FAN
M201 NOT TO SCALE



5 AIR HANDLER DETAIL
M201 NOT TO SCALE



6 CONDENSING UNIT PAD DETAIL
M201 NOT TO SCALE



7 ROUND DUCT HANGER DETAIL
M201 NOT TO SCALE



Ragona Architecture & Design, PLLC
5500 Seventy-Seven Center Drive, Suite 150
Charlotte, NC 28217
T: 704.372.0116 www.rad-arch.com



WAVE ENGINEERING
3540 TORRINGTON WAY, SUITE 200
CHARLOTTE, NC 28277
919.256.7728
INFO@WAVE-ENGINEERING.COM
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OF STORE # 3615

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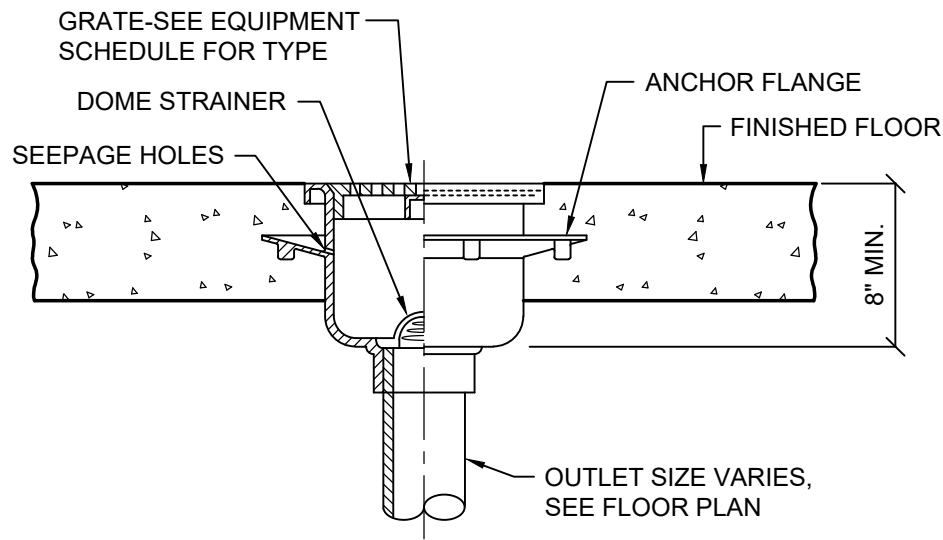
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DRAWING TITLE

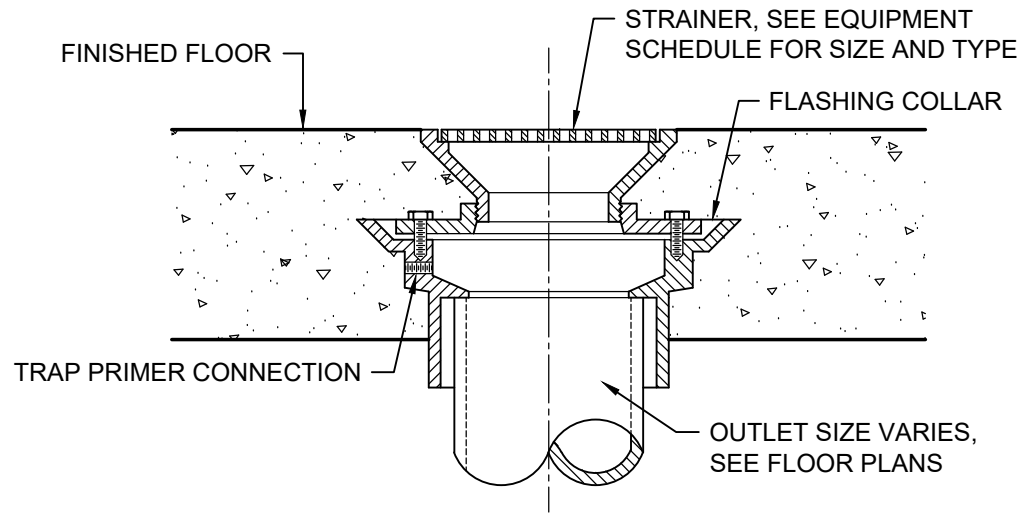
MECHANICAL
DETAILS

SHEET NUMBER

M201



1
P001 FLOOR SINK DETAIL
NOT TO SCALE



2
P001 FLOOR DRAIN DETAIL
NOT TO SCALE

PLUMBING EQUIPMENT SCHEDULE

MARK	EQUIPMENT	MANUFACTURER & MODEL NO.	SPECIFICATIONS
FD	FLOOR DRAIN	ZURN ZN415B-P	CAST IRON BODY, MEMBRANE CLAMP, ADJUSTABLE COLLAR, 6" DIAMETER "TYPE B" POLISHED NICKEL BRONZE STRAINER, 1/2" TRAP PRIMER CONNECTION.
FS	FLOOR SINK	ZURN ZN1901-KC-2	12"x12"x8" DEEP CAST IRON BODY WITH WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR, ANCHOR FLANGE WITH SEEPAGE HOLES AND CLAMP COLLAR, NICKEL BRONZE FRAME WITH 1/2 GRATE.
WCO	WALL CLEAN OUT	ZURN Z1446-BP	CAST IRON NO-HUB CLEANOUT TEE, WITH ROUND STAINLESS STEEL WALL ACCESS COVER, BRONZE PLUG, SECURING SCREW.
TMV	THERMOSTATIC MIXING VALVE	LEONARD LF-170	THERMOSTATIC MIXING VALVE ASSE 1070 -2015 CSA B125-70-15 CERTIFIED.
BAV	BALANCING VALVE	BELL & GOSSETT CIRCUIT SETTER PLUS	CALIBRATED BALANCING UNIT WITH POSITIVE SHUT-OFF, LEAD FREE BRASS CONSTRUCTION, EPDM "O" RINGS, TWO PRESSURE AND TEMPERATURE MEASURING POINTS, NPT OR SWEAT CONNECTIONS.
DC	DUAL CHECK WITH INTERMEDIATE ATMOSPHERIC PORT	WATTS SD-3	SERIES SD3 IS A DUAL CHECK WITH ATMOSPHERIC PORT DESIGNED FOR THE PROTECTION OF THE WATER SUPPLY FROM CARBON DIOXIDE GAS AND CARBONATED WATER. ASSE 1022 APPROVED DUAL CHECK WITH ATMOSPHERIC VENT 316 STAINLESS STEEL BODY FOR CORROSION RESISTANCE ALL RUBBER COMPOUNDS COMPLY WITH FDA FOOD ADDITIVE REGULATIONS

PLUMBING FIXTURE SPECIFICATIONS AND CONNECTION SCHEDULE

MARK	FIXTURE	TYPE	MATERIAL	PIPE SIZES				SPECIFICATIONS
				SAN	VENT	CW	HW	
WC-1	WATER CLOSET	FLOOR MOUNTED FLUSH TANK ADA HEIGHT	VITREOUS CHINA	4"	2"	1/2"	-	FIXTURE: AMERICAN STANDARD CADET FLOWISE RIGHT HEIGHT MODEL 2467.100.020, WHITE, 1.1 GALLONS PER FLUSH, ELONGATED BOWL, PRESSURE-ASSISTED SIPHON JET FLUSH ACTION, EVERCLEAN SURFACE SUPPLY: McGUIRE MODEL LF2168LK, CHROME PLATED BRASS ANGLE SUPPLY STOP WITH BRASS STEM, LOOSE KEY, 1/2" IPS INLET, 3/8" COMPRESSION OUTLET, 12" CHROME PLATED FLEXIBLE SUPPLY RISER. SEAT: BEMIS MODEL 2155SSCT HEAVY-DUTY, SOLID PLASTIC, OPEN FRONT, ELONGATED, LESS COVER, SELF-SUSTAINING CHECK HINGES WITH STAINLESS STEEL POSTS AND PINTLES, STA-TITE FASTENING SYSTEM, ANTIMICROBIAL.
U-1	URINAL	WALL HUNG FLUSH VALVE STANDARD HEIGHT	VITREOUS CHINA	2"	2"	3/4"	-	FIXTURE: AMERICAN STANDARD WASHBROOK FLOWISE MODEL 6590.001.020, WHITE, UNIVERSAL FLUSH, WASHOUT FLUSHING ACTION, 3/4" TOP SPUD. FLUSH VALVE: SLOAN ROYAL MODEL 186-0.5, EXPOSED DIAPHRAGM TYPE WITH METAL OSCILLATING NON-HOLD-OPEN HANDLE, 0.5 GALLONS PER FLUSH. CARRIER: ZURN Z1222 SERIES WALL URINAL SUPPORT SYSTEM WITH TOP AND BOTTOM SUPPORT PLATES.
L-1	LAVATORY	WALL HUNG ADA HEIGHT	VITREOUS CHINA	1-1/2"	1-1/2"	1/2"	1/2"	FIXTURE: AMERICAN STANDARD LUCERNE MODEL 0355.012.020, WHITE, 20" X 18", FRONT OVERFLOW, SELF-DRAINING DECK WITH SPLASH SHIELDS, FAUCET LEDGE WITH FAUCET HOLES ON 4" CENTERS. FAUCET: AMERICAN STANDARD MONTERREY MODEL 6114.116.002, POLISHED CHROME-PLATED CAST BRASS, SINGLE CONTROL CENTERSET, WITH METAL HANDLE, 0.5 GPM VANDAL-RESISTANT SPRAY, LESS POP-UP DRAIN. DRAIN: McGUIRE MODEL 155A, POLISHED CHROME PLATED CAST BRASS OPEN GRID DRAIN, WITH 1-1/4" x 8" 17 GAUGE CHROME PLATED CAST BRASS P-TRAP, WITH CLEANOUT PLUG. TRAP: McGUIRE MODEL 8902C, 1-1/4" x 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS P-TRAP, WITH CLEANOUT PLUG. SUPPLIES: McGUIRE MODEL LF2165, CHROME PLATED BRASS ANGLE SUPPLY STOPS WITH BRASS STEMS, WHEEL HANDLES, 1/2" IPS INLETS, 3/8" COMPRESSION OUTLETS, 12" CHROME PLATED FLEXIBLE SUPPLY RISERS. CARRIER: ZURN Z1231 SERIES CONCEALED ARM SYSTEM FOR WALL LAVATORIES. INCLUDE TRUEBRO LAV GUARD 2 MODEL #102 E-Z UNDERSINK PIPING COVERS, WITH P-TRAP COVER, AND TWO ANGLE VALVE AND SUPPLY COVERS.

PLUMBING GENERAL NOTES

GENERAL REQUIREMENTS:

- GENERAL AND SPECIAL CONDITIONS: GENERAL AND SPECIAL CONDITIONS ARE HEREBY MADE AN INTEGRAL PART OF THIS DIVISION OF THE SPECIFICATIONS INSOFAR AS SAME ARE APPLICABLE TO THE WORK UNDER THIS DIVISION AND UNLESS OTHERWISE SPECIFIED.
- SCOPE: PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK.
- CODE COMPLIANCE: ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION, BUILDING DEPARTMENTS, AND DEPARTMENT OF HEALTH. APPLICABLE NATIONAL, STATE, AND LOCAL CODES, LAWS, AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK SHALL BE INCORPORATED INTO AND MADE A PART OF THESE CONTRACT DOCUMENTS AND SPECIFICATIONS. THE CONTRACTOR IS TO NOTIFY THE ARCHITECT/ENGINEER OF ANY WORK OR MATERIALS WHICH VIOLATE ANY OF THE ABOVE CODES, LAWS, OR REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH A VIOLATION SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE AND AT NO EXPENSE TO THE OWNER.
- PERMITS: APPLY FOR AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION.
- WARRANTY: PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT UNDER THIS SECTION OF THE SPECIFICATIONS WITH A ONE YEAR WARRANTY FROM THE DATE OF ACCEPTANCE OF WORK BY THE OWNER.
- RECORD DRAWINGS: CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD OF ALL AS-BUILT CONDITIONS DURING CONSTRUCTION AND TURN OVER ONE COPY EACH TO THE OWNER AND THE ARCHITECT AFTER COMPLETION.
- OPERATING MANUALS: CONTRACTOR SHALL FURNISH TO THE OWNER 3 SETS OF OPERATION AND MAINTENANCE MANUALS FOR ALL MAJOR PIECES OF EQUIPMENT.
- COORDINATION: VERIFY ALL ROUGH-IN LOCATIONS AND COORDINATE PIPING AND EQUIPMENT LOCATIONS WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONFLICTS. CONTRACTOR MUST COORDINATE WITH OTHER TRADES FOR ALL STRUCTURES, PIPING, CONDUIT, DUCTWORK, LIGHTING, ETC TO PROPERLY BE INSTALLED. ANY CONFLICTS SHALL BE RESOLVED AT NO EXPENSE TO THE OWNER.
- FIELD VERIFICATION: FIELD VERIFY EXISTING CONDITIONS BEFORE STARTING CONSTRUCTION AND NOTIFY THE ARCHITECT/ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS, AND/OR ANY POTENTIAL PROBLEMS OBSERVED, BEFORE CONTINUING WORK IN THE AFFECTED AREAS.
- SUBMITTALS: AS A MINIMUM, THE CONTRACTOR SHALL PROVIDE SUBMITTALS FOR ALL ITEMS SCHEDULED ON THE DRAWINGS, UNLESS DIRECTED OTHERWISE.
- SUBSTITUTIONS: THE PRODUCTS SCHEDULED ON THE DRAWINGS ARE THE BASIS OF DESIGN. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUBSTITUTIONS MADE WITHOUT PRIOR WRITTEN APPROVAL MEET THE DRAWING SPECIFICATIONS AND FIT WITHIN THE SPACES PROVIDED.
- LABEL ALL PLUMBING PIPING WITH ADHESIVE PIPE LABELS INDICATING SERVICE AND DIRECTION OF FLOW. PIPE LABELS SHALL BE LOCATED NEAR ALL BRANCH CONNECTIONS, NEAR ALL FLOOR AND WALL PENETRATIONS, AND AT MAXIMUM INTERVALS OF 25' ALONG EACH RUN.
- PLUMBING SYSTEMS INCLUDE, BUT ARE NOT LIMITED TO:
 - PLUMBING FIXTURES AND EQUIPMENT
 - FIRE STOPPING
 - DOMESTIC WATER SYSTEM
 - SANITARY WASTE AND VENT SYSTEM

FIXTURES:

- PROVIDE COMPLETE FIXTURES AND INCLUDE SUPPLIES, STOPS, VALVES, FAUCETS, DRAINS, TRAPS, TAILPIECES, ESCUTCHEONS, ETC. EXPOSED COPPER OR BRASS MATERIALS SHALL BE CHROME PLATED.
- SEAL ALL EDGES OF PLUMBING FIXTURES IN CONTACT WITH FLOORS, WALLS, OR COUNTERTOPS USING SANITARY-TYPE, ONE-PART, MILDEW RESISTANT SILICONE SEALANT. MATCH SEALANT COLOR TO FIXTURE COLOR.
- PROVIDE PERMANENTLY ATTACHED VACUUM BREAKERS FOR ALL FIXTURES/FAUCETS TO WHICH HOSES MAY BE CONNECTED.
- REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF PLUMBING FIXTURES.

FIRE STOPPING:

- FIRE STOP ALL PENETRATIONS, BY PIPING OR CONDUITS, OF FIRE RATED WALLS, FLOORS, AND PARTITIONS. PROVIDE DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-814 AND INSTALL IN ACCORDANCE WITH THE CONDITIONS OF THEIR LISTING. PROVIDE DEVICE(S) OR SYSTEM(S) WITH AN "F" RATING EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED.

DOMESTIC WATER PIPING:

- FURNISH AND INSTALL A COMPLETE SYSTEM OF DOMESTIC HOT AND COLD WATER FROM EXISTING SUPPLIES TO ALL FIXTURES AND/OR EQUIPMENT REQUIRING DOMESTIC WATER SUPPLIES. VERIFY LOCATION OF BEGINNING POINTS.
- DOMESTIC WATER PIPING BELOW GROUND: ASTM B 88 TYPE "K" SOFT COPPER TUBE WITH WROT COPPER FITTINGS, AND BRAZED OR PRESSURE-SEALED JOINTS FOR PIPING 3" AND SMALLER.
- DOMESTIC WATER PIPING ABOVE GROUND: ASTM B 88 TYPE "L" HARD COPPER TUBE WITH WROT COPPER FITTINGS, AND SOLDERED OR PRESSURE-SEALED JOINTS.
- IF PERMITTED BY LOCAL CODES, ASTM F876 CROSSLINKED POLYETHYLENE PEX-A TUBING, AND ASTM F1960 PEX-A COLD EXPANSION FITTINGS, MANUFACTURED BY UPONOR, MAY BE USED. ALL FIXTURE ROUGH-INS MUST BE COPPER.
- TESTING: CAP AND SUBJECT WATER PIPING TO STATIC WATER PRESSURE OF 100 PSI OR 50 PSI ABOVE OPERATING PRESSURE, WHICHEVER IS GREATER, WITHOUT EXCEEDING THE PRESSURE RATING OF THE MATERIALS. MAINTAIN PRESSURE FOR NOT LESS THAN 15 MINUTES.
- CLEANING: CLEAN AND DISINFECT NEW PIPING AND EXISTING PIPING THAT HAS BEEN ALTERED IN ACCORDANCE WITH THE AMERICAN WATER WORKS ASSOCIATION'S SPECIFICATIONS AND LOCAL HEALTH DEPARTMENT REGULATIONS.
- INSULATE DOMESTIC WATER PIPING ABOVE GROUND (EXCEPT EXPOSED CONNECTIONS TO PLUMBING FIXTURES) WITH 1" THICKNESS ENGINEERED POLYMER FOAM INSULATION, OR MINERAL-FIBER PREFORMED PIPE INSULATION WITH FACTORY-APPLIED ASJ.
- DOMESTIC WATER PIPING INSULATION, JACKETS, COVERINGS, SEALERS, MASTICS, AND ADHESIVES SHALL NOT EXCEED A FLAME SPREAD RATING OF 25 AND A SMOKE DEVELOPED RATING OF 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.
- ALL PIPE INSULATION SHALL RUN CONTINUOUSLY THROUGH WALLS, AND PARTITIONS.
- SHUT-OFF VALVES SHALL BE TWO-PIECE, BRONZE, FULL PORT, BALL TYPE, MANUFACTURED BY APOLLO OR NIBCO. PROVIDE SHUT-OFF VALVES WHERE INDICATED ON THE DRAWINGS. INSTALL VALVES IN A LOCATION THAT PERMITS ACCESS FOR SERVICE AND OPERATION WITHOUT DAMAGE TO THE BUILDING OR FINISHED MATERIALS. PROVIDE ACCESS DOORS IF REQUIRED.
- PROVIDE CHECK VALVES IN THE HOT AND COLD WATER SUPPLY PIPING TO ALL FAUCETS TO WHICH HOSES MAY BE CONNECTED (MOP BASIN) UNLESS FAUCET HAS INTEGRAL CHECK VALVES.
- PROTECT COPPER PIPING AGAINST CONTACT WITH DISSIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS, AND CLIPS SHALL BE COPPER OR COPPER-PLATED.

SANITARY WASTE AND VENT PIPING:

- FURNISH AND INSTALL COMPLETE SYSTEMS OF SANITARY WASTE AND VENT PIPING FROM ALL PLUMBING FIXTURES AND/OR EQUIPMENT REQUIRING WASTE AND VENT CONNECTIONS. ALL WASTE AND VENT PIPING SHALL BE CONCEALED IN THE BUILDING CONSTRUCTION WHERE POSSIBLE.
- SANITARY WASTE AND VENT PIPING BELOW GROUND: ASTM A 74, SERVICE WEIGHT, HUB AND SPIGOT, CAST IRON SOIL PIPE AND FITTINGS; AND GASKETED JOINTS. ALL PIPE AND FITTINGS SHALL BE MARKED WITH THE COLLECTIVE TRADEMARK OF THE CAST IRON SOIL PIPE INSTITUTE, AND LISTED BY NSF INTERNATIONAL.
- SANITARY WASTE AND VENT PIPING ABOVE GROUND: ASTM A 888 AND CISPI 301, HUBLESS, CAST IRON SOIL PIPE AND FITTINGS; AND HEAVY DUTY SHIELDED, STAINLESS STEEL COUPLINGS. ALL PIPE AND FITTINGS SHALL BE MARKED WITH THE COLLECTIVE TRADEMARK OF THE CAST IRON SOIL PIPE INSTITUTE, AND LISTED BY NSF INTERNATIONAL.
- IF PERMITTED BY LOCAL CODES, ASTM D 2865 SCHEDULE 40 SOLID WALL PVC PIPE WITH ASTM D 3311 SCHEDULE 40 SOCKET-TYPE FITTINGS MAY BE USED FOR SANITARY WASTE AND VENT PIPING ABOVE AND BELOW GROUND. PVC PIPING INSTALLED IN RETURN AIR PLENUMS MUST BE PROTECTED WITH 3M FIRE BARRIER PLENUM WRAP 5A+ OR SIMILAR PRODUCT. ALL BURIED PVC PIPING SHALL BE INSTALLED PER ASTM D 2321.
- TESTING: CLOSE OPENINGS IN PIPING SYSTEM AND FILL WITH WATER TO POINT OF OVERFLOW, BUT NOT LESS THAN 10-FOOT HEAD OF WATER. MAINTAIN PRESSURE FOR NOT LESS THAN 15 MINUTES.
- INVERT ELEVATIONS SHALL BE ESTABLISHED AND VERIFIED BEFORE SANITARY PIPING IS INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED. SLOPE SANITARY PIPING 2'-1/2" AND SMALLER AT 1/4" PER FOOT MINIMUM, AND SLOPE SANITARY PIPING 3" AND LARGER AT 1/8" PER FOOT MINIMUM.
- WHERE SANITARY PIPING IS EXPOSED IN TOILET ROOMS, PROVIDE CHROME-PLATED BRASS PIPING WITH MATCHING STOPS AND ESCUTCHEONS. PROVIDE REMOVABLE TRAPS WITH INTEGRAL CLEANOUT PLUG FOR ALL LAVATORIES AND SINKS.
- INSTALL CLEANOUTS IN A LOCATION THAT PERMITS ACCESS FOR SERVICE WITHOUT DAMAGE TO THE BUILDING OR FINISHED MATERIALS. CLEANOUT PLUGS SHALL BE INSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS.

WATER HAMMER ARRESTER REQUIREMENTS:

- PROVIDE WATER HAMMER ARRESTERS CONFORMING TO PDI-WH201 OR ASSE 1010, INSTALLED PER MANUFACTURER'S SPECIFICATIONS, WHERE QUICK CLOSING VALVES ARE UTILIZED. A QUICK CLOSING VALVE IS A VALVE OR FAUCET THAT CLOSSES AUTOMATICALLY WHEN RELEASED, OR THAT IS CONTROLLED BY MECHANICAL MEANS FOR FAST-ACTION CLOSING. REFER TO WATER HAMMER ARRESTER SCHEDULE.
- AS A MINIMUM, PROVIDE ONE WATER HAMMER ARRESTER FOR EACH BRANCH LINE TO EACH TOILET ROOM LESS THAN 20' IN LENGTH, LOCATED BETWEEN THE LAST TWO FIXTURES SERVED. FOR BRANCH LINES GREATER THAN 20' IN LENGTH, A SECOND WATER HAMMER ARRESTER IS REQUIRED.

WATER HAMMER ARRESTER SCHEDULE

PDI SIZE	FIXTURE UNITS	MODEL
A	1 - 11	SIoux CHIEF 652-AS
B	12 - 32	SIoux CHIEF 653-BS
C	33 - 60	SIoux CHIEF 654-CS
D	61 - 113	SIoux CHIEF 655-DS
E	114 - 154	SIoux CHIEF 656-ES
F	155 - 330	SIoux CHIEF 657-FS

WATER HAMMER ARRESTERS SHALL BE SEAMLESS, PISTON-TYPE, SIZED AND INSTALLED IN ACCORDANCE WITH PDI-WH201. INSTALL WATER HAMMER ARRESTER IN STANDARD TEE. SAME SIZE AS CONNECTED PIPING. AIR CHAMBERS WILL NOT BE PERMITTED.

PLUMBING LEGEND

PIPING	
-----AV-----	ACID VENT PIPING (AV)
-----AW-----	ACID WASTE PIPING (AW)
-----A-----	COMPRESSED AIR PIPING (A)
-----	DOMESTIC COLD WATER PIPING (CW)
-----	DOMESTIC HOT WATER PIPING (HW)
-----	DOMESTIC HOT WATER RETURN PIPING (HWR)
-----W-----	DOMESTIC WATER SERVICE MAIN
-----F-----	FIRE SERVICE MAIN
-----GW-----	GREASE WASTE PIPING (GW)
-----G-----	NATURAL GAS PIPING (G)
-----PD-----	PUMP DISCHARGE PIPING (PD)
-----	SANITARY PIPING (SAN)
-----	STORM PIPING
-----	VENT PIPING (V)

SYMBOLS	
	BACKFLOW PREVENTER (BFP)
	BALANCING VALVE
	BALL VALVE (NORMALLY CLOSED)
	BALL VALVE (NORMALLY OPEN)
	CAP
	CHECK VALVE
	FLOOR CLEANOUT (FCO)
	FLOOR DRAIN (FD)
	FLOOR SINK (FS)
	GAS COCK
	GRADE CLEANOUT (GCO)
	PIPE CONTINUES
	PIPE DOWN
	PIPE UP
	POINT OF CONNECTION TO EXISTING
	PRESSURE GAUGE
	PRESSURE REDUCING VALVE (PRV)
	ROOF DRAIN (RD)
	SOLENOID VALVE
	STRAINER
	T&P RELIEF VALVE
	THERMOMETER
	UNION
	WALL CLEANOUT (WCO)
	WATER HAMMER ARRESTER (WHA)

ABBREVIATIONS	
AAV	AIR ADMITTANCE VALVE
ABV	ABOVE
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
AHAP	AS HIGH AS POSSIBLE
BLDG	BUILDING
BLW	BELOW
CLG	CEILING
CO	CLEANOUT
CONN	CONNECT OR CONNECTION
CONT	CONTINUATION
DN	DOWN
DS	DOWNSPOUT
DSB	DOWNSPOUT BOOT
DSN	DOWNSPOUT NOZZLE
E.C.	ELECTRICAL CONTRACTOR
ETR	EXISTING TO REMAIN
EX, EXIST, (E)	EXISTING
FFE	FINISHED FLOOR ELEVATION
FLR	FLOOR
G.C.	GENERAL CONTRACTOR
HD	HUB DRAIN
IE, INV ELEV	INVERT ELEVATION
M.C.	MECHANICAL CONTRACTOR
MTD	MOUNTED
ORD	OVERFLOW ROOF DRAIN
P.C.	PLUMBING CONTRACTOR
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
RWC	RAINWATER CONDUCTOR
SF, SQ FT	SQUARE FOOT
T&P	TEMPERATURE AND PRESSURE
TP	TRAP PRIMER
TPY	TYPICAL
VTR	VENT THROUGH ROOF
W	WASTE



Ragana Architecture & Design, PLLC
5500 Seventy-Seven Center Drive, Suite 150
Charlotte, NC 28217
T: 704.372.0116 www.rad-arch.com



WAVE ENGINEERING
3540 THIRINGDON WAY, SUITE 200
CHARLOTTE, NC 28277
980.258.1728
INFO@WAVE-ENGINEERING.COM
WAVE PROJECT #25065



RENOVATION
OF STORE # 3615

1248 CROZET AVE
CORSET, VA 22932

Revisions

Date Description

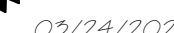
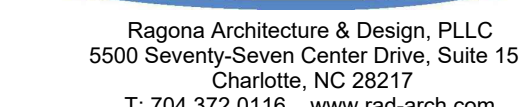
Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

PLUMBING
NOTES, LEGEND,
SCHEDULES &
DETAILS.

SHEET NUMBER

P001



1248 CROZET AVE
CORSET, VA 22932

Project Number: 25025
Issued for: CONSTRUCTION
Issue Date: 03/24/25

DRAWING TITLE

SHEET NUMBER

P101

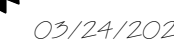


- ① CONNECT NEW 4" WASTE PIPING TO EXISTING 4" WASTE PIPING IN THIS AREA. VERIFY EXACT LOCATION, SIZE, INVERT, AND DIRECTION OF FLOW OF EXISTING PIPING IN FIELD.
- ② CONNECT NEW 3" WASTE PIPING TO EXISTING WASTE PIPING IN THIS AREA. VERIFY EXACT LOCATION, SIZE, INVERT, AND DIRECTION OF FLOW OF EXISTING PIPING IN FIELD.
- ③ CONNECT NEW 2" VENT PIPING TO EXISTING VENT PIPING IN THIS AREA. VERIFY EXACT LOCATION, SIZE, INVERT, AND DIRECTION OF FLOW OF EXISTING PIPING IN FIELD.
- ④ CONNECT NEW 4" GREASE PIPING TO EXISTING GREASE PIPING IN THIS AREA. VERIFY EXACT LOCATION, SIZE, INVERT, AND DIRECTION OF FLOW OF EXISTING PIPING IN FIELD.

GENERAL NOTES THIS SHEET

1. MINIMUM SIZE FOR SANITARY WASTE AND VENT PIPING BELOW GROUND SHALL BE 2".
2. ALL SANITARY VENT PIPING SHOWN ON THIS SHEET SHALL BE RUN ABOVE CEILINGS IN AREAS WITH CEILINGING AND SHALL BE RUN AS HIGH AS POSSIBLE IN AREAS WITHOUT CEILINGS, UNLESS OTHERWISE NOTED. ALL SANITARY WASTE PIPING SHOWN ON THIS SHEET SHALL BE RUN BELOW FLOORS, UNLESS OTHERWISE NOTED.
3. CONTRACTOR MAY REUSE EXISTING PLUMBING SYSTEM AS LONG AS IT IS IN GOOD WORKING ORDER, CODE COMPLIANT, AND MEETS DESIGN CRITERIA.

WASTE & VENT PLAN



1248 CROZET AVE
CORSET, VA 22932

Project Number: 25025
Issued for: CONSTRUCTION
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DRAWING TITLE

SHEET NUMBER

P102



- ① CONNECT NEW 1-1/4" CW TO EXISTING 2" CW SUPPLY LINE. VERIFY EXACT LOCATION AND DIRECTION OF FLOW PRIOR TO PERFORMING ANY WORK.

GENERAL NOTES THIS SHEET

1. ALL DOMESTIC WATER PIPING SHOWN ON THIS SHEET SHALL BE RUN ABOVE CEILINGS IN AREAS WITH CEILINGS AND SHALL BE RUN AS HIGH AS POSSIBLE IN AREAS WITHOUT CEILINGS, UNLESS OTHERWISE NOTED.
2. CONTRACTOR MAY REUSE EXISTING PLUMBING SYSTEM AS LONG AS IT IS IN GOOD WORKING ORDER, CODE COMPLIANT, AND MEETS DESIGN CRITERIA.

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