



June 19, 2026

Subject: *Roseboro Emergency Services Building - Sampson County
Addendum No. 3
Bid Question Response to RFB Issued 06/19/2026*

To Whom It May Concern,

On behalf of our client, Sampson County (County), Kimley-Horn and Associates, Inc. is providing Addendum No. 3, dated 06/19/2026 in reference to the above-mentioned project. The following has been is attached for reference.

- 2026.06.16 - Sampson County - Roseboro EMS Building - Architectural Plans Full Set
 - The following sheets have revisions dated 06/16/2026
 - A-101 – revised to show wall types
- 2026.06.15 - Sampson County - Roseboro EMS Building - Outline Specifications
- 2026.06.15 - Sampson County - Roseboro EMS Building - Required Special Inspections
- 2026.06.15 – 00 41 13 – Bid Form
 - Revised to include allowances and alternates
 - Revised to simplify bid items; Pay Application will be required for line item costs
- 2026.06.15 – 01 22 00 – Unit Prices

We have responded below to all questions/comments received to date:

Comments Dated 06/18/2022:

1. Do we need to include a BDA Survey and System in our base bid?

Response 1: County Fire Department will complete the BDA Survey. No cost should be included in the base bid.

2. Will the appliances be the GC or owner? If GC could we get the model numbers?

Response 2: The GC will be responsible for providing appliances. An allowance has been added to the bid form for appliances. Appliance selection will be completed during and as part of the submittal process.

3. Does the owner or GC provide the Lockers and Benches is Toilet 107?

Response 3: The GC will be responsible for providing lockers. Additional details are included in Division 10 of the Outline Specifications attached. The owner will select and provide the bench (considered furniture).

4. Is the propane tank by the GC or Owner? If by GC, can you provide details on size?

Response 4: Please include a bid alternate price for a propane tank as noted on the bid form. Additional details can be found in Division 26 of the Outline Specifications attached.

5. We could not locate a finish schedule or plan that shows types of flooring, base board, or paint locations.

Response 5: Applicable finishes are included in the Outline Specifications attached.

6. Does this project have any window treatments, we could not locate them on the drawings.

Response 6: Details on windows are provided in Section 8 of the Outline Specifications.

7. Do we need to carry an allowance for any unsuitable soils or rock? Or will this be handled as a change order.

Response 7: An allowance for unsuitable soils and rock is included in the Bid Form.

8. It looks like the scale should be 1" = 20' in lieu of 1" = 30', is this correct?

Response 8: The scale on Sheet C-1 of the Civil Plans should be 1"=20'. The plans will be updated and posted with the next addendum.

9. What material do we need to carry for the soffits?

Response 9: Material for the soffits should be the standard material provided by the pre-engineered metal building vendor.

10. Can you provide more detail on how the parapet will need to be constructed?

Response 10: Material for the parapet should be the standard material provided by the pre-engineered metal building vendor.

11. Can you provide more detail for the cabinets and counter tops?

Response 11: Additional details are included in the Outline Specifications attached.

12. Do we need to include cost for sprinkler and Fire Alarm scope? For the sprinkler I did not see a line coming in on the utilities drawing.

Response 12: Additional details on the Sprinkler System is included in Division 21 of the Outline Specifications as well as Sheet P-1 of the Architectural Plans.

13. Can you provide a wall schedule for the interior walls and heights.

Response 13: Additional details on interior walls are included in the Outline Specifications attached.

14. Are there any trade specifications for this project? I downloaded the plans and the specs provided, but it only includes division 01.

Response 14: Outline Specifications are attached for reference.

15. Are there any specifications for Materials to be used & Finish Schedule for Roseboro EMS Building?

Response 15: Additional details on materials and finishes are included in the Outline Specifications attached.

16. What are the PEMB Wall and Roof Panel types, profiles, and colors?

Response 16: Additional details can be found in the Outline Specifications attached.

17. Is the furniture by owner or GC?

Response 17: Furniture will be provided by Owner.

18. A-101 References C3/A-301 Wall Detail for the Bay Area. Is the intent to have drywall and lay in ceilings in the bay?

Response 18: Reference tag C3/A-103 in the truck bay should say "similar to". No ceiling in the truck bay but the wallboard does extend to the top track per the section. Also refer to Sheet A-102 for ceiling questions.

19. Are there no requirements for Fire Extinguishers by the GC?

Response 19: Please see Division 10 of the Outline Specifications attached.

Additional questions received to date will be addressed as part of Addendum #4. Please contact me at (727) 498-2585 or shelby.hughes@kimley-horn.com should you have any questions or desire additional information.

Sincerely,



Shelby Hughes, P.E.
Project Manager
KIMLEY-HORN AND ASSOCIATES, INC.

2018 BUILDING CODE SUMMARY - APPENDIX B

Name of Project: ROSEBORO EMS RESCUE
 Address: W Dr Martin Luther King Jr Blvd
 Owner/Authorized Agent: Henry Faircloth Phone: (910) 590-6700 E-Mail: faircloth2000@uahoo.com
 Zip Code: 28382
 Owned By: City/County Private/Nonprofit State
 Code Enforcement Jurisdiction: City Roseboro County Sampson State

CONTACT: ANDREW W. PRIVETTE, AIA

DESIGNER	FIRM	NAME	LICENSE	TELEPHONE	E-MAIL
Architectural	DESIGNED TO BUILD	ANDREW PRIVETTE	3877	(910) 485-8567	d2bandrew@gmail.com
Civil	TBD				
Electrical	COASTAL PLAINS ENG.	CHRIS LOCKLEAR	2193	(910) 491-0404	coastalplainseng@gmail.com
Fire Alarm	COASTAL PLAINS ENG.	CHRIS LOCKLEAR	2193	(910) 491-0404	coastalplainseng@gmail.com
Plumbing	COASTAL PLAINS ENG.	CHRIS LOCKLEAR	2193	(910) 491-0404	coastalplainseng@gmail.com
Mechanical	COASTAL PLAINS ENG.	CHRIS LOCKLEAR	2193	(910) 491-0404	coastalplainseng@gmail.com
Sprinkler-Standpipe	N/A				
Structural	DESIGNED TO BUILD	ANDREW PRIVETTE	3877	(910) 485-8567	d2bandrew@gmail.com
Retaining Walls >5' High	N/A				
Other	N/A				

2018 NC BUILDING CODE: New Building Shell/Core 1st Time Interior Completions
 Addition Phased Construction-Shell Core

2018 NC EXISTING BUILDING CODE: Prescriptive Alteration Level 1 Historic Property
 Repair Alteration Level 2 Change of Use
 Chapter 14 Alteration Level 3

CONSTRUCTED: (date) N/A CURRENT OCCUPANCY(S) (Ch. 3): N/A

RENOVATED: (date) N/A PROPOSED OCCUPANCY(S) (Ch. 3): BUSINESS

OCCUPANCY CATEGORY (Table 1604.5): Current: N/A Proposed: IV

BASIC BUILDING DATA

Construction Type: I-A II-A III-A IV V-A
 I-B II-B III-B V-B

Sprinklers: No Partial NFPA 13 NFPA 13R NFPA 13B

Standpipes: No Class I II III Wet Dry

Primary Fire District: No Yes Flood Hazard Area: No Yes

Special Inspections Required: No Yes Fire Flow: 1500 GPM for 2 hours

GROSS BUILDING AREA TABLE

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3 rd Floor			
2 nd Floor			
Mezzanine			
1 st Floor		2,400	
Basement			
Total		2,400	

ALLOWABLE AREA

Primary Occupancy Classification(s):

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
 I-2 Condition 1 2
 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
 Utility and Miscellaneous

Accessory Occupancy Classification(s): R2

Incidental Uses (Table 509): N/A

Special Uses (Chapter 4 - List Code Sections): N/A

Special Provisions (Chapter 5 - List Code Sections): N/A

Mixed Occupancy: No Yes Separation: _____ Hr. Exception: _____

Non-separated Use (503.3)
 Separated Use (508.4) - See below for area calculations for each story.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} + \dots \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 ⁴ AREA	(C) AREA FOR FRONTAGE INCREASES ⁵	(D) ALLOWABLE AREA PER STORY OR UNLIMITED ³
GROUND	BUSINESS	2,400	23,000	17,250	40,250

- ¹ Frontage area increases from Section 506.2 are computed thus:
- Perimeter which fronts a public way or open space having 20 feet minimum width = 200' (F)
 - Total Building Perimeter = 200' (P)
 - Ratio (F/P) = 1.0 (F/P)
 - W = Minimum width of public way = 30' (W)

² Percent of frontage increase $F = 100[(F/P) - 0.25] \times W/30 = 75\%$ (A)

³ Unlimited area applicable under conditions of Section 507.

⁴ Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).

⁵ The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.

⁶ Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	55'	18'	
Building Height in Stories (Table 504.4)	3	1	

¹ Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	PROVIDED (w/ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Structural Frame Including columns, girders, trusses		0	0				
Bearing Walls		0	0				
Exterior		0	0				
North	>30	0	0				
East	>30	0	0				
West	>30	0	0				
South	>30	0	0				
Interior		0	0				
Nonbearing Walls and Partitions		0	0				
Exterior		0	0				
North	>30	0	0				
East	>30	0	0				
West	>30	0	0				
South	>30	0	0				
Interior		0	0				
Floor Construction Including supporting beams and joists		N/A	N/A				
Floor Ceiling Assembly		N/A	N/A				
Columns Supporting Floors		N/A	N/A				
Roof Construction Including supporting beams and joists		0	0				
Roof Ceiling Assembly		0	0				
Columns Supporting Roof		0	0				
Shaft Enclosures - Exit		N/A	N/A				
Shaft Enclosures - Other		N/A	N/A				
Corridor Separation		N/A	N/A				
Occupancy/Fire Barrier Separation		2HR	2HR	G-103	U423		
Party/Fire Wall Separation		N/A	N/A				
Smoke Barrier Separation		N/A	N/A				
Smoke Partitions		N/A	N/A				
Tenant Dwelling Unit/Sleeping Unit Separation		1HR	1HR	G-103	U423		
Incidental Use Separation		N/A	N/A				

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
NORTH >30'	NS-UP	NO LIMIT	33%
EAST >30'	NS-UP	NO LIMIT	0%
WEST >30'	NS-UP	NO LIMIT	0%
SOUTH >30'	NS-UP	NO LIMIT	36%

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: Yes No
 Exit Signs: Yes No
 Fire Alarm: Yes No **Just water flow activation alarm bell or horn.**
 Smoke Detection System: Yes No
 Carbon Monoxide Detection: Yes No

This building may be required to meet the requirements of Section 510 of the NC Fire Code for Emergency Responder Radio Coverage. Test and verify with the Fire Marshal and install a radio coverage system if required.

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: G-102

Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations (if not on the site plan)
 Exterior wall opening area with respect to distance to assumed property lines (705.8)
 Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
 Occupant loads for each area
 Exit access travel distances (1017)
 Common path of travel distances (Tables 1006.2.1 & 1006.5.2(1))
 Dead end lengths (1020.4)
 Clear exit widths for each exit door
 Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
 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 (1010.1.10)
 Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
 Location of doors with electromagnetic egress locks (1010.1.9.9)
 Location of doors equipped with hold-open devices
 Location of emergency escape windows (1030)
 The square footage of each fire area (202)
 The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
 Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107) - N/A

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	TOTAL # OF PARKING SPACES PROVIDED	# OF ACCESSIBLE SPACES PROVIDED			TOTAL # ACCESSIBLE PROVIDED
			REGULAR WITH 5' ACCESS AISLE	132" ACCESS AISLE	8' ACCESS AISLE	
GENERAL	5	TBD	0	0	0	TBD
TOTAL	8	TBD	0	1	0	1

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

USE	WATERCLOSETS			URINALS			LAVATORIES			SHOWERS / TUBS		DRINKING FOUNTAINS		SERVICE SINK
	MALE	FEMALE	UNSEX	MALE	FEMALE	UNSEX	MALE	FEMALE	UNSEX	REGULAR	ACCESSIBLE			
N/A	2	0					2	1	0	0	0	1		
REQ'D	1	0					1	0	0	0	0	1		

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ROSEBORO EMS RESCUE

W DR MARTIN LUTHER KING JR BLVD

ROSEBORO, NORTH CAROLINA



ANDREW W. PRIVETTE, ARCHITECT

1920 FT. BRAGG ROAD - FAYETTEVILLE, N.C. 28303 - (910) 485-8567



FEBRUARY 13, 2025

LIST OF DRAWINGS

GENERAL:
 G-101 NORTH CAROLINA BUILDING CODE SUMMARY AND COVER SHEET
 G-102 LIFE SAFETY PLAN AND WALL ASSEMBLIES

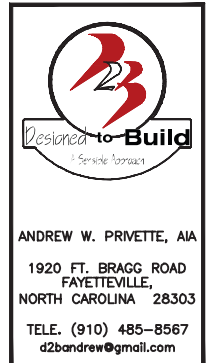
STRUCTURAL:
 S-101 STRUCTURE NOTES
 S-102 FOUNDATION PLAN AND FOOTING DETAILS

ARCHITECTURAL:
 A-101 DIMENSIONED FLOOR PLAN, WINDOW AND DOOR SCHEDULES
 A-102 REFLECTED CEILING PLAN
 A-103 ROOF PLAN
 A-201 EXTERIOR ELEVATION, ENLARGED PLANS AND INTERIOR ELEVATIONS
 A-301 BUILDING SECTION, WALLS SECTIONS AND DETAILS

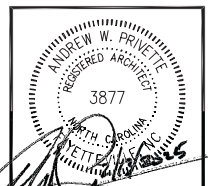
ELECTRICAL:
 E.1 ELECTRICAL NOTES, SCHEDULES AND DETAILS
 E.2 ELECTRICAL POWER PLAN
 E.3 ELECTRICAL LIGHTING PLAN

MECHANICAL:
 M.1 HVAC NOTES, DETAILS & SCHEDULES
 M.2 HVAC PLAN

PLUMBING:
 P.1 PLUMBING PLAN



ANDREW W. PRIVETTE, AIA
 1920 FT. BRAGG ROAD
 FAYETTEVILLE,
 NORTH CAROLINA 28303
 TELE. (910) 485-8567
 d2bandrew@gmail.com



ROSEBORO RESCUE
 W DOCTOR MARTIN LUTHER KING JR.
 ROSEBORO NORTH CAROLINA

NO.	DATE	DESCRIPTION	BY	CHK
1	02/13/25	SPRINKLER AND OTHER UPDATES	AMP	AMP
2	02/13/25	CODE SUMMARY UPDATE - ACCESSORY USE P2 - 2 HOUR SEPARATION	AMP	AMP
3				
4				
5				
6				
7				
8				
9				
10				

JOB CODE: 24ROSEBORO RESCUE
 DRAWN BY: A. PRIVETTE
 CHECKED BY: A. PRIVETTE
 COPYRIGHT: DESIGNED TO BUILD

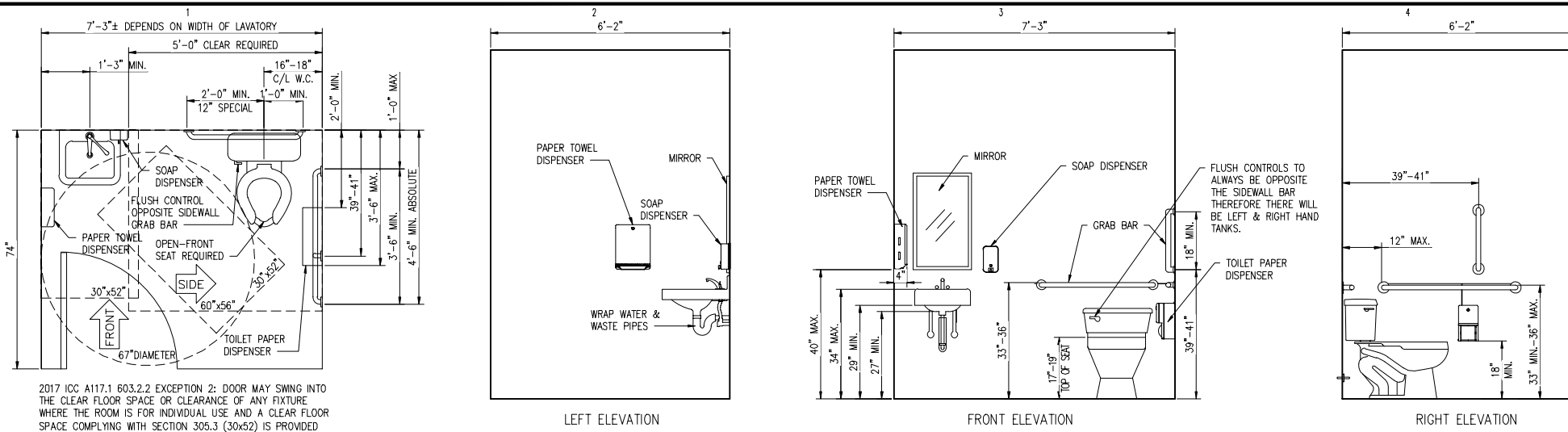
SHEET TITLE:
 N.C. BUILDING CODE
 SUMMARY &
 COVER SHEET

DATE: 02/13/2025

G-101

SHEET 1 OF 3

ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND TRADES TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND TRADES. CONTRACTORS SHALL FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS, THE REQUIREMENTS OF THE DRAWINGS, GENERAL REQUIREMENTS AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND TRADES. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEES' USE ON THE PROJECT TO ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND TRADES.



2017 IBC A117.1.603.2.2 EXCEPTION 2: DOOR MAY SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE OF ANY FIXTURE WHERE THE ROOM IS FOR INDIVIDUAL USE AND A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305.3 (30x52) IS PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING.

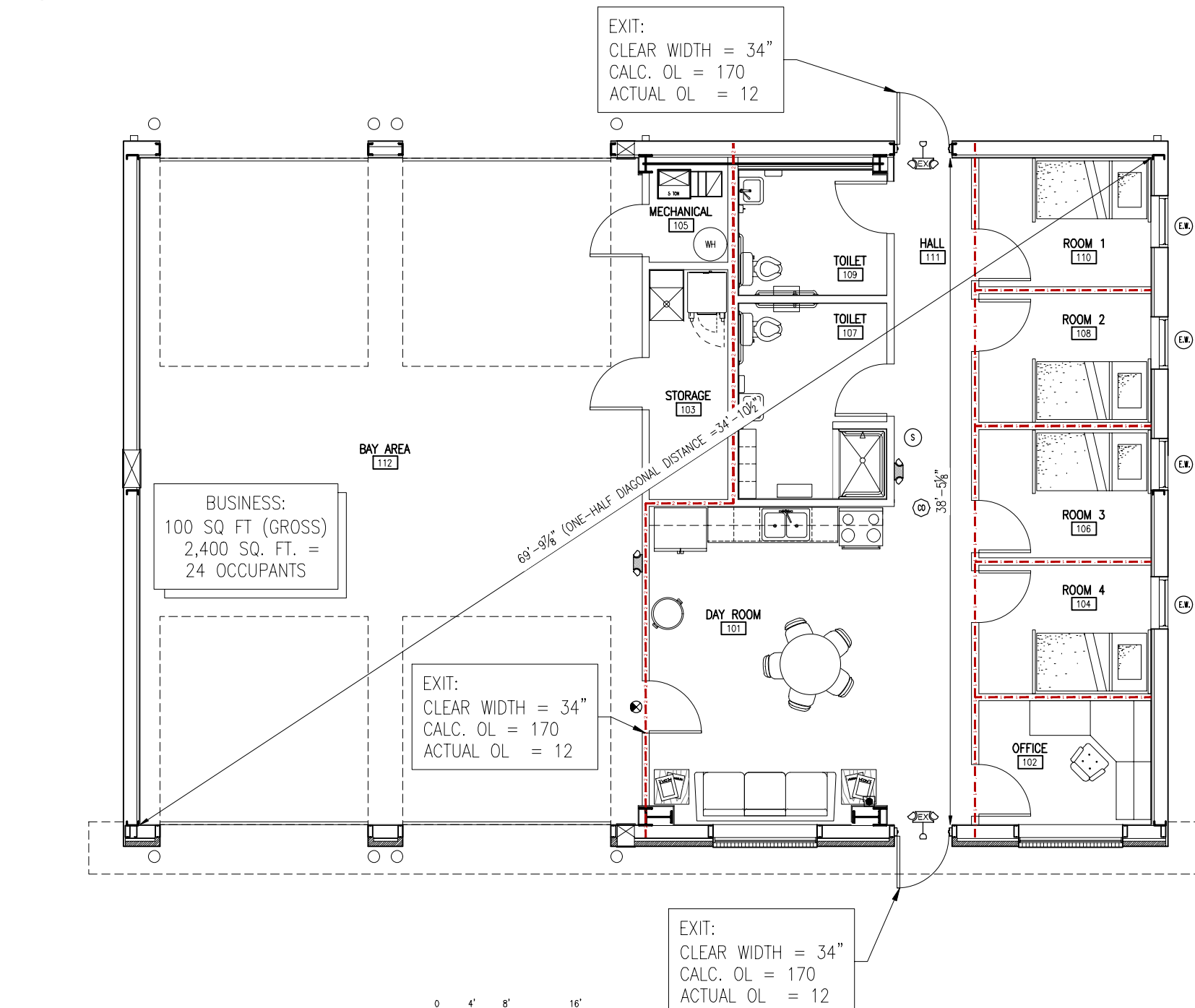
D1 ADA TOILET ELEVATIONS & PLAN
SCALE: 1/4" = 1'-0"

EXIT REQUIREMENTS						
NUMBER AND ARRANGEMENT OF EXITS						
FLOOR, ROOM AND/OR SPACE DESIGNATION	NUMBER OF EXITS		TRAVEL DISTANCE		ARRANGEMENT MEANS OF EGRESS 1.5 (SECTION 1006.2.2)	
	REQUIRED	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQUIRED DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS
BUSINESS	2	2	200'	70'	35'	39'

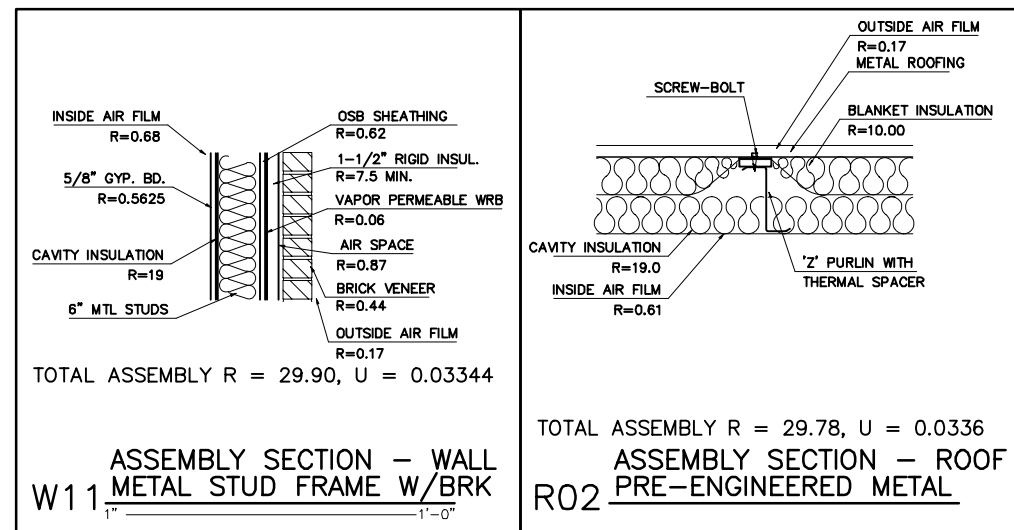
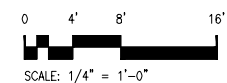
1 CORRIDOR DEAD ENDS (SECTION 1020.4)
2 SINGLE EXITS (SECTION 1006.2.1.1; SECTION 1022.2)
3 COMMON PATH OF EGRESS TRAVEL (SECTION 1029.8)

OCCUPANT LOAD AND EXIT WIDTH							
USE GROUP AND/OR SPACE DESIGNATION	AREA ¹ SQ. FT.	AREA ¹ PER OCCUPANT	NUMBER OF OCCUPANT	EGRESS WIDTH PER OCCUPANT SECTION (1005.1)		EXIT WIDTH (IN) 2,3,4,5	
				STAIR LEVEL	STAIR LEVEL	STAIR LEVEL	STAIR LEVEL
BUSINESS	2,400 SF	100	24	N/A	0.20	N/A	4.8
TOTAL INTERIOR OCCUPANTS: 24							102"

ANDREW W. PRIVETTE, AIA
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A1 LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"



- LEGEND:**
- EGRESS TRAVEL PATH
 - REMOTE POINT
 - FIRE EXTINGUISHER
 - EXIT SIGN
 - EMERGENCY LIGHT
 - EMERGENCY LIGHT/EXIT SIGN COMBO
 - SMOKE DETECTOR, CEILING MOUNTED
 - CARBON MONOXIDE DETECTOR
 - 1-HOUR RATED WALL
 - 2-HOUR RATED WALL
 - EGRESS WINDOW - SHEET A101

A6 ENERGY ASSEMBLY DETAILS
SCALE: N.T.S.

PERMITTING STAMP:

ROSEBORO RESCUE
W. DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

REV.	DATE	DESCRIPTION	BY	CHK.
REV. 02	08/27/25	SPRINKLER AND OTHER UPDATES		
REV. 01	06/19/25	CODE SUMMARY UPDATE - ACCESSORY USE 02 - 2 HOUR SEPARATION		
MARK	DATE	DESCRIPTION		

JOB CODE: 24ROSEBORO RESCUE
DRAWN BY: J. PAZ
CHECKED BY: A. PRIVETTE
COPYRIGHT: DESIGNED TO BUILD

SHEET TITLE:
LIFE SAFETY PLAN

DATE: 02/13/2025

G-102
SHEET 2 OF 3

EACH CONTRACTOR IS REQUIRED TO INCLUDE ALL MINOR ITEMS, WHETHER OR NOT SHOWN ON PLANS, AS REQUIRED BY CODE AND FOR WORKING SYSTEMS, IN INITIAL COST OF WORK, AND AT NO ADDITIONAL COST TO THE OWNER ANY DEVIATIONS FROM THESE DRAWINGS AND SPECIFICATIONS BY THE OWNER OR CONTRACTOR MUST BE APPROVED BY THE ARCHITECT IN WRITING AND PRIOR TO CONSTRUCTION. COPYRIGHT © ALL RIGHTS RESERVED BY DESIGNED TO BUILD. NOT TO BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION.

ALL NOTES APPLY TO ALL DRAWINGS AND ALL TRADES. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND TRADES TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND TRADES. CONTRACTORS SHALL FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS, THE REQUIREMENTS OF THE DRAWINGS, GENERAL REQUIREMENTS AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND TRADES. EACH CONTRACTOR IS REQUIRED TO MAINTAIN FULL SETS OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEES' USE ON THE PROJECT TO ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND TRADES.

3/19/2018 BXUV/U423 - Fire-resistance Ratings - ANSI/UL 263

2. **Steel Studs** — Min 0.0329 in., bare metal thickness (No. 20 MSG) corrosion-protected steel studs, min 3-1/2 in. wide, cold formed, designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute (AISI). All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing shall not exceed 24 in. OC. Studs attached to floor and ceiling runners with 1/2 in. long Type S-12 steel screws on both sides of the studs or by welded or bolted connections designed in accordance with the AISI specifications.

2A. **Steel Studs** — (As an alternate to Item 2, For use with Item 5A, 5C, 5D, and 5E) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min width, min 1-1/2 in. flanges and 1/4 in. return, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners.

2B. **Steel Studs** — (As an alternate to Item 2 and 2A, For Use With Item 5B) — Min 0.0329 in., (No. 20 MSG) corrosion-protected cold formed steel studs, min 3-1/2 in. deep by 1-5/8 in. wide with 1/2 in. returns. Braced at mid-height and designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute (AISI). All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing shall not exceed 24 in. OC. Studs attached to floor and ceiling runners with 1/2 in. long Type S-12 steel screws on both sides of the studs or by welded or bolted connections designed in accordance with the AISI specifications.

2C. **Framing Members - Steel Studs** — (As an alternate to Item 2, For use with Item 5C) — Channel shaped, fabricated from min 20 MSG (0.0327 in. thick) corrosion-protected or galv steel, 3-1/2 in. min width, min 1-1/2 in. flanges and 1/4 in. return, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

3. **Lateral Support Members** — (Not shown) — Where required for lateral support of studs, support shall be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

4. **Wood Structural Panel Sheathing** — (Optional, For use with Item 5 only) — (Not Shown) — 4 R thick, 7/16 in. thick oriented strand board (OSB) or 1/2 in. thick structural sheathing (plywood) complying with DGS-P51 or P52, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

The maximum loading on the steel studs was evaluated with the steel studs braced at mid-height and not braced by the plywood sheathing.

5. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered when load is reduced to 90 percent of max stud capacity. When load is at 100 percent, horizontal edge joints and horizontal butt joints on opposite sides of studs staggered a min of 12 in. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. When used in widths other than 48 in., gypsum panels to be installed horizontally. The thickness and number of layers and percent of design load for the 45 min, 1 hr, 1-1/2 hr, and 2 hr ratings are as follows:

Wallboard Protection on Each Side of Wall		
Rating	No. of Layers & Thk of Panel	% of Design Load
45 Min	1 layer, 1/2 in. thick	100
1 hr	1 layer, 5/8 in. thick	100
1-1/2 hr	2 layers, 1/2 in. thick	100
2 hr	2 layers, 5/8 in. thick	80
2 hr@	2 layers, 5/8 in. thick	100
2 hr	3 layers, 1/2 in. thick	100
2 hr	2 layers, 3/4 in. thick	100

@Rating applicable when Batts and Blankets (Item 7) are used.

CGC INC — 1/2 in. thick Type IP-X2, IPC-AR, C, WRC, or; 5/8 in. thick Type SCX, SHX, WRX, IP-X1, AR, C, IP-AR, IP-X2, IPC-AR, ULX, or WRC; 3/4 in. thick Types AR, IP-AR, IP-X3, ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR, or WRC; 5/8 in. thick Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX, SHX, ULX, WRX, or WRC; 3/4 in. thick Types AR, IP-AR or IP-X3, ULTRACODE

USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX, SGX, ULTRACODE

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USG MEXICO S A D E C V — 1/2 in. thick Type C, IP-X2, IPC-AR, WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, WRX or WRC; 3/4 in. thick Types AR, IP-AR, IP-X3, ULTRACODE

5A. **Gypsum Board*** — (As an alternate to Item 5 when used as the base layer on one or both sides of wall, for direct attachment only, not to be used with Item 4) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1A, 2A, 8, 8A(a). Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 12) or Lead Discs or Tabs (see Item 13).

RAY-BAR ENGINEERING CORP — Type RB-LBG

5B. **Gypsum Board*** — (As an alternate to Items 5 and 5A) — Nom 5/8 in. thick gypsum panels with square edges, applied horizontally or vertically. For the 1 hour single layer system - when the gypsum board panels are installed horizontally the joints are to be staggered by a minimum of 12 in. on opposite sides of assembly, they are to be secured on each side of the studs with 1-1/4 in. long Type S-12 bugle head steel screws spaced 8 in. OC to the top and bottom tracks and in the field with screws 1 in. and 4 in. from the horizontal joints. When the gypsum board panels are installed vertically all vertical joints must be centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC to the top and bottom tracks and in the field with screws 1 in. and 4 in. from the perimeter. For the 2 hour double layer system - when the gypsum board panels are installed horizontally the joints need not be staggered on opposite sides of assembly. Base layer secured on each side of the studs with 1-1/4 in. long Type S-12 bugle head steel screws spaced 16 in. OC to the top and bottom track and in the field with screws beginning 1 in. and 8 in. from the horizontal joints. Face layer horizontal joints staggered 8 in from base layer joints and secured with 1-5/8 in. long Type S-12 bugle head steel screws spaced 16 in. OC to the top and bottom tracks and in the field with screws beginning 1 in. and 8 in. from the horizontal joints. Face layer vertical joints staggered 8 in from base layer joints and secured with 1-5/8 in. long Type S-12 bugle head steel screws spaced 16 in. OC to the top and bottom tracks and in the field with screws beginning 1 in. and 8 in. from the horizontal joints. Face layer vertical joints must be centered over studs and staggered min 1 stud cavity on opposite sides of studs. Face layer gypsum boards secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 16 in. OC with screws 2 in. and 16 in. from the perimeter. Base layer gypsum boards secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 16 in. OC with screws 1-1/2 in and 8 in. from the perimeter. Face layer screws offset 8 in. from base layer screws.

CGC INC — Type USGX

UNITED STATES GYPSUM CO — 5/8 in. thick Type USGX (Joint tape and compound, Item 9, optional with Type USGX)

USG BORAL DRYWALL SFZ LLC — 5/8 in. thick Type USGX (Joint tape and compound, Item 9, optional with Type USGX)

USG MEXICO S A D E C V — Type USGX

5C. **Gypsum Board*** — (As an alternate to Item 5 when used as the base layer on one or both sides of wall, for direct attachment only, not to be used with Item 4) — Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or #6 by 1-1/4 in. long bugle head fire drill) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Nelco

5D. **Gypsum Board*** — (As an alternate to Item 5 when used as the base layer on one or both sides of wall, for direct attachment only, not to be used with Item 4) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1A, 2A, 8, 8A(a). Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 12A) or Lead Discs (see Item 13A).

MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum

5E. **Gypsum Board*** — (As an alternate to Item 5 when used as the base layer on one or both sides of wall, for direct attachment only, not to be used with Item 4) — Nom 5/8 in. may be used as alternate to all 5/8 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1A, 2A, 8, 8A(a). Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive with a max thickness of 1/8 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead

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b. Steel Framing Members* — Used to attach furring channels (Item 8a) to studs (Item 2). Clips spaced max. 48 in. OC, and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.

PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).

8E. **Steel Framing Members*** — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with type FRX-G gypsum panels and Item 5A, 5C, 5D, or 5E.

b. **Steel Framing Members*** — Used to attach furring channels to studs (Item 2). Clips spaced max. 48 in. OC, and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

PLITEQ INC — Type GENIECLIP

8C. **Steel Framing Members*** — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 6. Not for use with type FRX-G gypsum panels and Item 5A, 5C, 5D, or 5E.

b. **Steel Framing Members*** — Used to attach furring channels to studs (Item 2). Clips spaced max. 48 in. OC, and secured to studs with 2 in. coarse drywall screw with 1 in. diam. washer through the center hole. Furring channels are friction fitted into clips.

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237R

8D. **Steel Framing Members*** — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item 8D.b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 6. Not for use with type FRX-G gypsum panels and Item 5A, 5C, 5D, or 5E.

b. **Steel Framing Members*** — Used to attach furring channels to studs (Item 2). Clips spaced max. 48 in. OC, and secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

REGUPO AMERICA — Type SonuClip

9. **Joint Tape and Compound** — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layers. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

10. **Sliding, Brick or Stucco** — (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

11. **Caulking and Sealants*** — (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.

UNITED STATES GYPSUM CO — Type AS

12. **Lead Batten Strips** — (Not Shown, For Use With Item 5A) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-2015, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5A) and optional at remaining stud locations. Required behind vertical joints.

12A. **Lead Batten Strips** — (Not Shown, for use with Item 5D) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the board with two min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal Specification QQ-L-2015, Grades "C" or "D".

13. **Lead Discs or Tabs** — (Not Shown, For Use With Item 5A) — Used in lieu of or in addition to the lead batten strips (Item 12) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.5% meeting the Federal specification QQ-L-2015, Grade "C".

13A. **Lead Discs** — (Not Shown, for use with Item 5D) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-2015, Grades "C" or "D".

14. **Lead Batten Strips** — (Not Shown, For Use With Item 5C) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-2015, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5C) and optional at remaining stud locations.

15. **Lead Tabs** — (Not Shown, For Use With Item 5C) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum board, Item 5C) will penetrate the stud. Lead tabs to have a purity of 99.5% meeting the Federal specification QQ-L-2015, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

16. **Wall and Partition Facings and Accessories*** — (Optional, Not Shown) — For use with Item 1, Item 2 to 2C, Item 3, Item 5, Item 6, Item 7A, Item 8 and Item 9. For a maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 5), install Reflexor membrane with the gold side facing outwards. Membrane installed with 750 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When Reflexor membrane is used an additional layer of Gypsum Board identical to the one used in the first layer and as specified in Item 5 shall be installed over the membrane. Additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 5 except the fastener length shall be increased by a minimum of 5/8 in. Install Batts and Blankets in the stud cavity as per Item 7A. On the other side of the wall prior to the installation of the Gypsum Board install Resilient Channels as per Item 8. Over the Resilient Channels install 3/4 inch thick SONOpan panel secured to the Resilient Channels with drywall screws and washers spaced at 16 in. OC on the first layer of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 5 with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

MSL — Reflexor membrane, SONOpan panel.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

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BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

[See General Information for Fire-resistance Ratings - ANSI/UL 263](#)
[See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada](#)

Design No. U423
March 06, 2018

Bearing Wall Ratings — 3/4 Hr, 1, 1-1/2 or 2 Hr (See Items 5 & 7)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

1. **Floor and Ceiling Runners** — (Not Shown) — Channel shaped, fabricated from min 0.0329 in., bare metal thickness (No. 20 MSG) corrosion-protected steel, that provide a sound structural connection between steel studs and adjacent assemblies such as floors, ceilings and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. OC.

1A. **Floor and Ceiling Runners** — (Not Shown, As an alternate to Item 1, For use with Item 5A and 5C) — Channel shaped runners min 3-1/2 in. deep with 1-1/4 in. flanges fabricated from min No. 20 MSG corrosion-protected steel. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. OC.

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discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-2015, Grade "C".

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

5F. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. When used in widths other than 48 in., gypsum panels to be installed horizontally. Insulation (Item 7D) required when using Type ULIX for the 1 hour Rating. The thickness and number of layers and percent of design load are as follows:

Wallboard Protection on Each Side of Wall		
Rating	No. of Layers & Thk of Panel	% of Design Load
1 hr	1 layer, 5/8 in. thick	100
2 hr	2 layers, 5/8 in. thick	80
2 hr@	2 layers, 5/8 in. thick	100

@Rating applicable when Batts and Blankets (Item 7) are used.

UNITED STATES GYPSUM CO — 5/8 in. thick Type ULIX

6. **Fasteners** — (Not Shown) — For use with Item 5 and 5F - Type S-12 steel screws used to attach panels to runners (Item 1 or 1A) and studs (Item 2 or 2A) or furring channels (Item 8). **Single layer systems:** 1 in. long for 1/2 in. and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 12 in. OC when panels are applied vertically. **Two layer systems:** First layer: 1 in. long for 1/2 in. and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer: 1-5/8 in. long for 1/2 in. and 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer: 1 in. long for 1/2 in. thick panels, spaced 24 in. OC. Second layer: 1-5/8 in. long for 1/2 in. thick panels, spaced 24 in. OC. Third layer: 2-1/4 in. long for 1/2 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. **Batts and Blankets*** — (Required as indicated under Item 5 and 5F) — Nom 2 in. thick mineral wool batts, friction fitted between studs and runners. See **Batts and Blankets (BKNV or BZ12) Categories** for names of Classified companies.

7A. **Batts and Blankets*** — (Optional, Not Shown) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZ12) Categories** for names of Classified companies.

7B. **Batts and Blankets*** — (Optional, Not Shown) — Placed in stud cavities, glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

OWENS CORNING — Type QuietZone Acoustic Batts

7C. **Fiber, Sprayed*** — (Optional) — As an alternate to Batts and Blankets (Item 7) — Not for use with Items 6A or 6B) — Spray applied mineral wool insulation. The fiber is applied with adhesive, at a minimum density of 4.0 pcf, to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCZ42).

AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

7D. **Batts and Blankets*** — Placed in stud cavities, any 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZ12) Categories** for names of Classified companies.

8. **Furring Channels** — (Optional on one or both sides, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 painted steel screws. Not for use with type FRX-G gypsum panels and Item 5A, 5C, 5D, or 5E.

8A. **Steel Framing Members (Not Shown)*** — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 8, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel, 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with type FRX-G gypsum panels and Item 5A, 5C, 5D, or 5E.

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specification QQ-L-2015, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

13. **Lead Discs or Tabs** — (Not Shown, For Use With Item 5A) — Used in lieu of or in addition to the lead batten strips (Item 12) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.5% meeting the Federal specification QQ-L-2015, Grade "C".

13A. **Lead Discs** — (Not Shown, for use with Item 5D) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-2015, Grades "C" or "D".

14. **Lead Batten Strips** — (Not Shown, For Use With Item 5C) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-2015, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5C) and optional at remaining stud locations.

15. **Lead Tabs** — (Not Shown, For Use With Item 5C) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum board, Item 5C) will penetrate the stud. Lead tabs to have a purity of 99.5% meeting the Federal specification QQ-L-2015, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.

16. **Wall and Partition Facings and Accessories*** — (Optional, Not Shown) — For use with Item 1, Item 2 to 2C, Item 3, Item 5, Item 6, Item 7A, Item 8 and Item 9. For a maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 5), install Reflexor membrane with the gold side facing outwards. Membrane installed with 750 staples spaced 12 inches on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 2 inches. When Reflexor membrane is used an additional layer of Gypsum Board identical to the one used in the first layer and as specified in Item 5 shall be installed over the membrane. Additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 5 except the fastener length shall be increased by a minimum of 5/8 in. Install Batts and Blankets in the stud cavity as per Item 7A. On the other side of the wall prior to the installation of the Gypsum Board install Resilient Channels as per Item 8. Over the Resilient Channels install 3/4 inch thick SONOpan panel secured to the Resilient Channels with drywall screws and washers spaced at 16 in. OC on the first layer of the panel and 8 in. OC in the field of the panel. Over the SONOpan panel install the same Gypsum Board as specified in Item 5 with the fastener length increased by minimum 3/4 inch. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

MSL — Reflexor membrane, SONOpan panel.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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DRAWN BY: J PAZ
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DESIGNED TO BUILD

SHEET TITLE:
UL # U423
RATED INTERIOR WALL

DATE: 02/13/2025

G-103

SHEET 3 OF 3

Desired to Build
A Seal of Approval

ANDREW W. PRIVETTE, AIA
1920 FT. BRAGG ROAD
FAYETTEVILLE,
NORTH CAROLINA 28303
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d2bandrew@gmail.com

ANDREW W. PRIVETTE
REGISTERED ARCHITECT
3877
1920 FT. BRAGG ROAD
FAYETTEVILLE, NC 28303

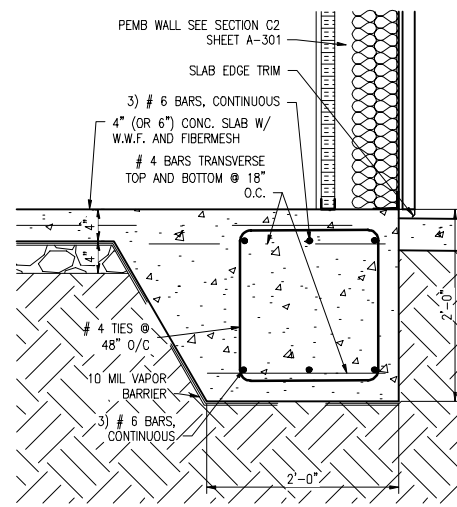
ROSEBORO RESCUE
W. DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

REV	DATE	DESCRIPTION	BY	CHK
REV 01	04.18.25	CODE SUMMARY UPDATE - NECESSARY USE #2	J. PAZ	
REV 02	08.27.25	SPRINKLER AND OTHER UPDATES	J. PAZ	

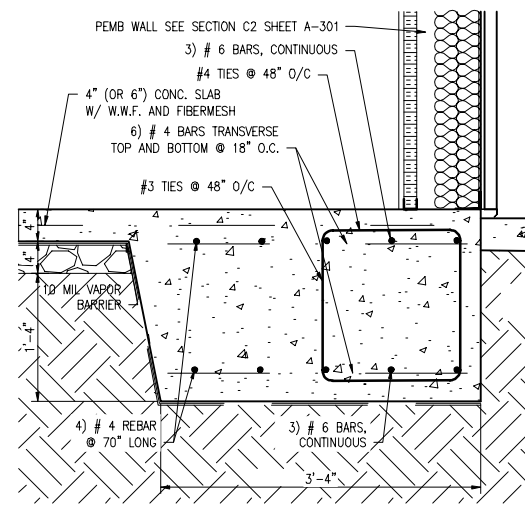
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DRAWN BY: J PAZ
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DESIGNED TO BUILD

SHEET TITLE:
UL # U423

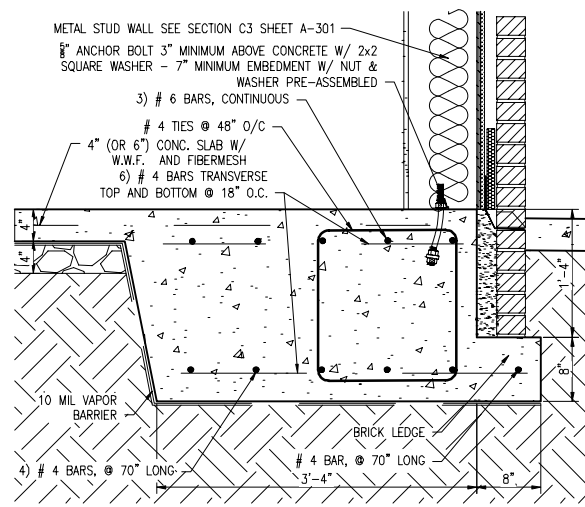
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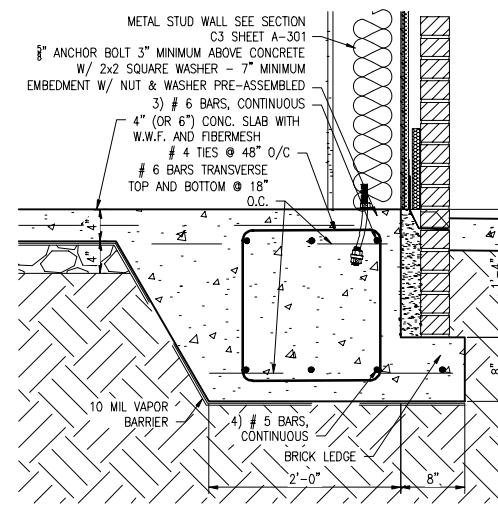
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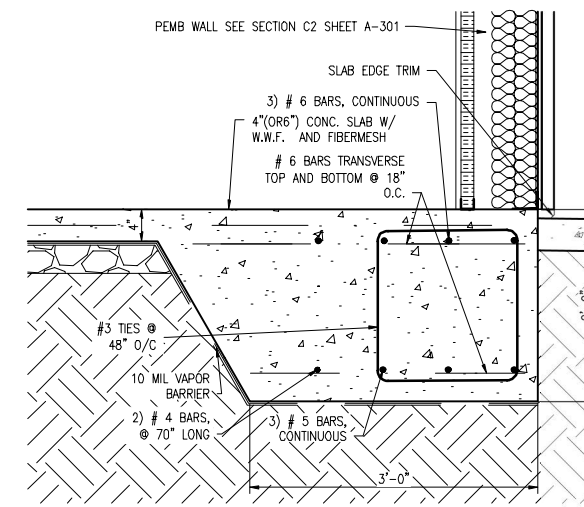
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SCALE: 1" : 1'-0"



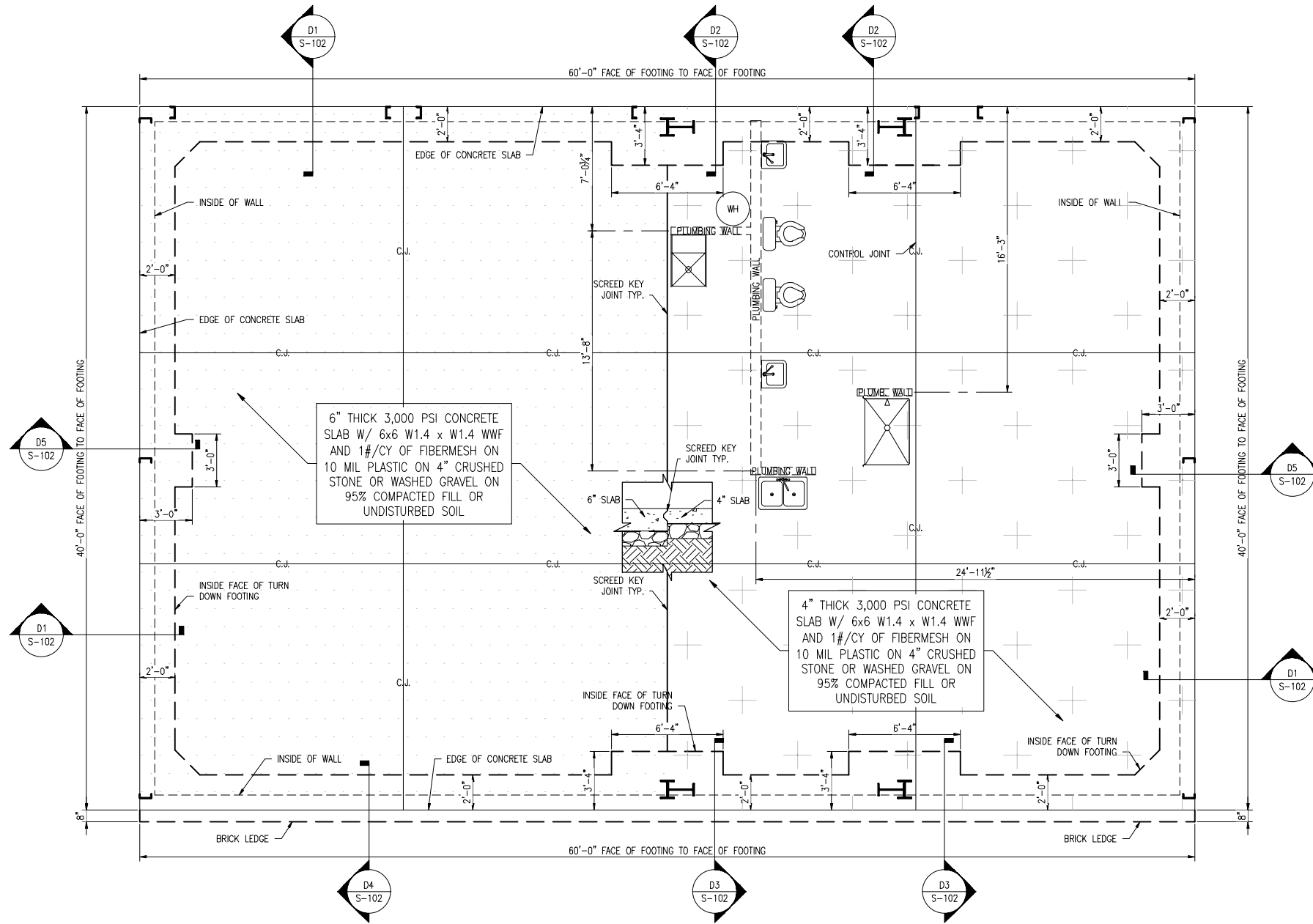
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SCALE: 1" : 1'-0"



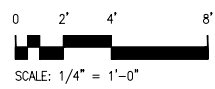
D4 FOOTING DETAIL
SCALE: 1" : 1'-0"



D5 FOOTING DETAIL
SCALE: 1" : 1'-0"



A1 FOUNDATION PLAN
SCALE: 1/4" : 1'-0"



Designed to Build
A Smart Approach

ANDREW W. PRIVETTE, AIA
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d2bandrew@gmail.com

ANDREW W. PRIVETTE
REGISTERED ARCHITECT
3877
NORTH CAROLINA
LICENSE NO. 11111

ROSEBORO RESCUE
W DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

NO.	DATE	DESCRIPTION	BY	CHK.
REV 02	02/27/25	SPRINKLER AND OTHER UPDATES	J. PAZ	
REV 01	02/13/25	CODE SUMMARY UPDATE - ACCESSORY USE P2 - 2 HOUR SEPARATION	J. PAZ	
MARK				

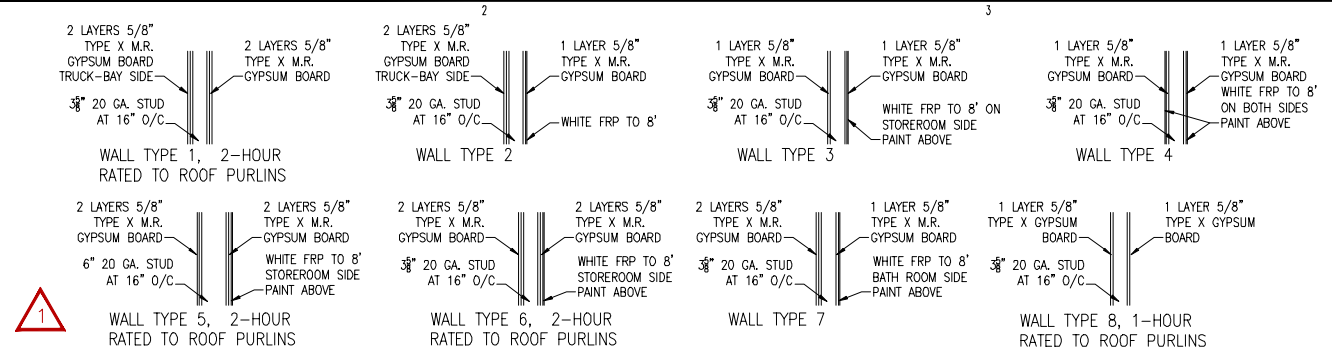
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CHECKED BY: A. PRIVETTE
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SHEET TITLE:
FOUNDATION PLAN & FOOTING DETAILS
DATE: 02/13/2025

S-102
SHEET 2 OF 2

EACH CONTRACTOR IS REQUIRED TO INCLUDE ALL MINOR ITEMS, WHETHER OR NOT SHOWN ON PLANS, AS REQUIRED BY CODE AND FOR WORKING SYSTEMS, IN INITIAL COST OF WORK, AND AT NO ADDITIONAL COST TO THE OWNER ANY DEVIATIONS FROM THESE DRAWINGS AND SPECIFICATIONS BY THE OWNER OR CONTRACTOR MUST BE APPROVED BY THE ARCHITECT IN WRITING AND PRIOR TO CONSTRUCTION. COPYRIGHT © ALL RIGHTS RESERVED BY DESIGNED TO BUILD. NOT TO BE COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION.

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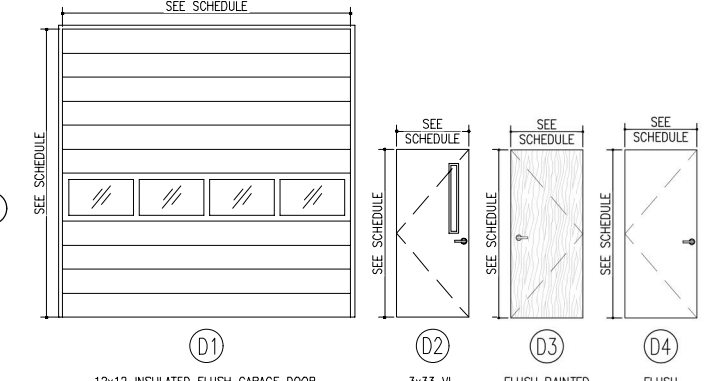


D1 WALL TYPES
SCALE: NTS

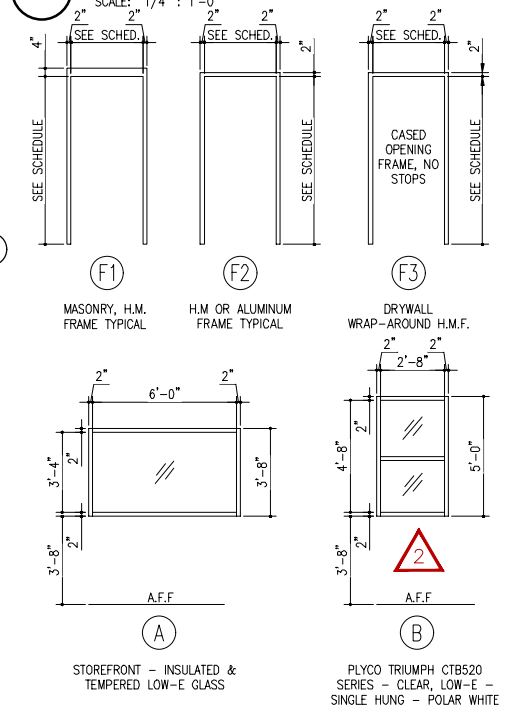
DOOR AND FRAME SCHEDULE

NO.	TYPE	WIDTH	HT.	THICK	GLASS	DR. MAT.	CORE MAT.	FACE MAT.	DR. EL.	FRAME	DR. FIN.	FRAME FIN.	HAND	H.W.	SET	REMARKS	
001	NEW	3'-0"	6'-8"	1 1/2"	1/4" TEMPERED	H.M.	INSULATED	STEEL	D2	N/A	H.M.	STEEL	F1	PAINTED	LR	1	3x33 VISION LITE
002	NEW	3'-0"	6'-8"	1 1/2"	1/4" TEMPERED	H.M.	INSULATED	STEEL	D2	N/A	H.M.	STEEL	F2	PAINTED	RR	1	
003	NEW	12'-0"	12'-0"	2"	MFR	STEEL	INSULATED	STEEL	D1	N/A	ALUMN.	MFR.	MFR.	MFR.	MFR.	MFR.	RUBBER BOOT BY MFR.
004	NEW	12'-0"	12'-0"	2"	MFR	STEEL	INSULATED	STEEL	D1	N/A	ALUMN.	MFR.	MFR.	MFR.	MFR.	MFR.	
005	NEW	12'-0"	12'-0"	2"	MFR	STEEL	INSULATED	STEEL	D1	N/A	ALUMN.	MFR.	MFR.	MFR.	MFR.	MFR.	
006	NEW	12'-0"	12'-0"	2"	MFR	STEEL	INSULATED	STEEL	D1	N/A	ALUMN.	MFR.	MFR.	MFR.	MFR.	MFR.	
101	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	90 MIN	H.M.	PAINT	F3	PAINTED	R	2	SMOKE SEALS
102	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN.	H.M.	PAINT	F3	PAINTED	R	2	SMOKE SEALS
103	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	N/A	H.M.	PAINT	F3	PAINTED	RR	3	
104	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN.	H.M.	PAINT	F3	PAINTED	L	2	SMOKE SEALS
105	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	N/A	H.M.	PAINT	F3	PAINTED	RR	2	
106	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN.	H.M.	PAINT	F3	PAINTED	R	2	SMOKE SEALS
107	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	N/A	H.M.	PAINT	F3	PAINTED	L	3	
108	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN	H.M.	PAINT	F3	PAINTED	L	2	SMOKE SEALS
109	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	N/A	H.M.	PAINT	F3	PAINTED	R	3	
110	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN	H.M.	PAINT	F3	PAINTED	R	2	SMOKE SEALS

P=PAINT SHEET H.M.= HOLLOW METAL INSUL=INSULATION L=LEFT HANDED LR=LEFT HAND REVERSE DA= DOUBLE ACTING
S=STAIN SHEET MFR=MANUFACTURER N/A=NOT APPLICABLE R=RIGHT HANDED RR=RIGHT HAND REVERSE



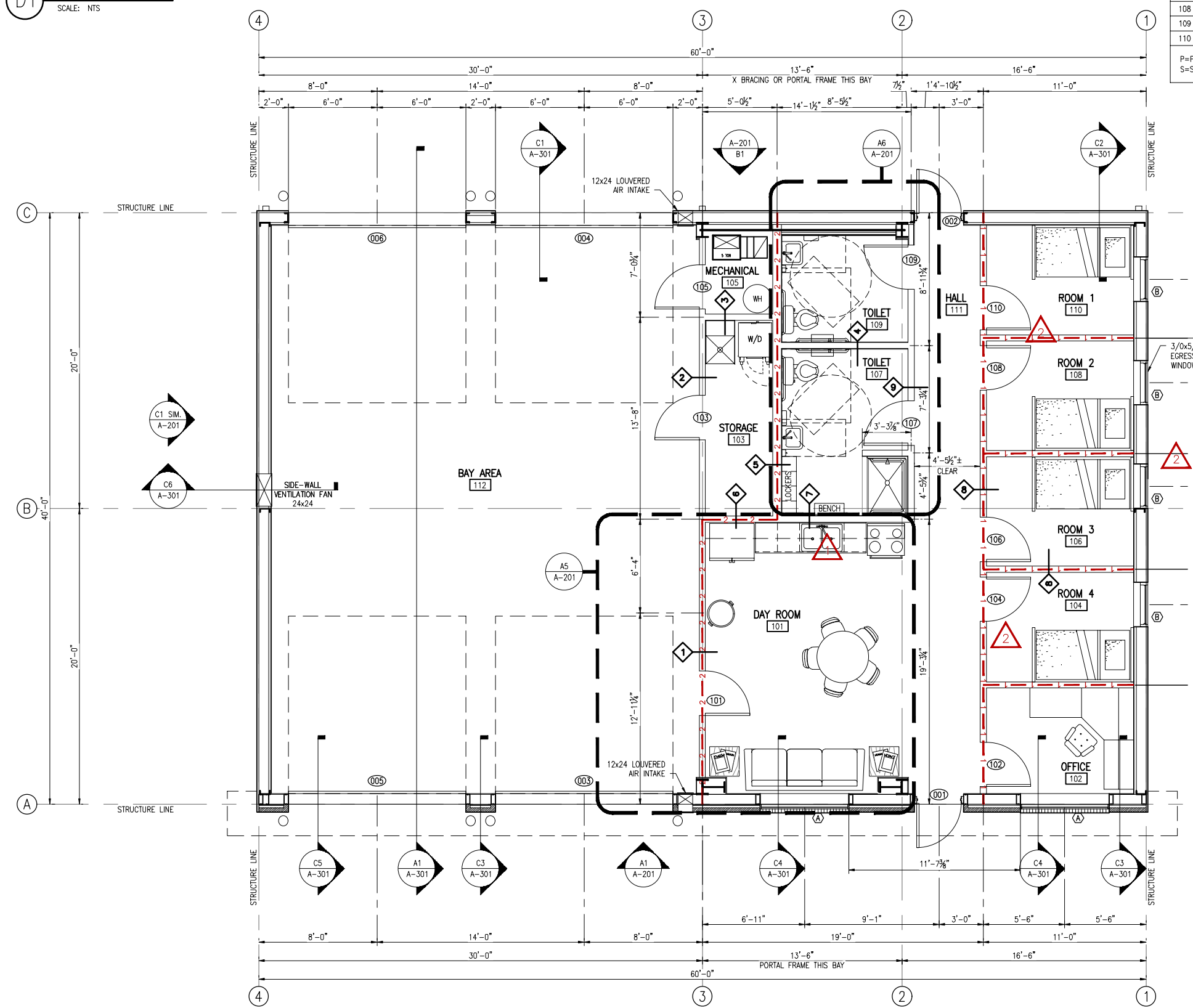
C5 DOOR ELEVATION
SCALE: 1/4" = 1'-0"



B5 DOOR FRAME & WINDOW ELEVATION
SCALE: 1/4" = 1'-0"

- HARDWARE SETS:**
- SET 1 : (EXTERIOR ENTRANCE / EXIT)
LOCKSET: SCHLAGE AL50PD-NP-626
HINGES: TA-2714 3 EACH 4.5 X 4.5 S.S. BALL BEARING
CLOSER: MCKINNEY 8301-BF-US26
WEATHER STRIPPING: NATIONAL GUARD SMOKE & FIRE SEALS ON HEAD AND JAMBS
EXT. DOOR THRESHOLD: NATIONAL GUARD ALUMINUM #896 OR AS APPROPRIATE FOR THE SILL CONDITION
 - SET 2 : (PASSAGE)
LOCKSET: SCHLAGE AL10S-NP-626
HINGES: MCKINNEY (3) TA-2714 4.5 X 4.5 S.S. BALL BEARING
SILENCERS: IVES (3) SR64; GRAY
DOOR/HINGE STOP: GLYNN-JOHNSON WALL: 60W-US32D OR FLOOR: FB13-US26D
 - SET 3 : (PRIVACY)
LOCKSET: SCHLAGE AL40S-NP-626
HINGES: MCKINNEY (3) TA-2714 4.5 X 4.5 S.S. BALL BEARING
SILENCERS: IVES (3) SR64; GRAY
DOOR/HINGE STOP: GLYNN-JOHNSON WALL: 60W-US32D OR FLOOR: FB13-US26D

PERMITTING STAMP:



A1 DIMENSIONED FLOOR PLAN
SCALE: 1/4" = 1'-0"

Designed to Build
A Simble Approach

ANDREW W. PRIVETTE, AIA
1920 FT. BRAGG ROAD
FAYETTEVILLE,
NORTH CAROLINA 28303
TELE. (910) 485-8567
d2bandrew@gmail.com

Professional Seal for Andrew W. Privette, AIA, Registered Architect, No. 3877, State of North Carolina.

ROSEBORO RESCUE
W DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

REV.	DATE	DESCRIPTION
REV. 3	06.16.20	WALL TYPES ADDED PER PRE-NOB REQUEST
REV. 02	06.27.20	SPRINKLER AND OTHER UPDATES
REV. 01	06.11.20	CODE SUMMARY UPDATE - ACCESSORY USE P2 - 2 HOUR SEPARATION
MARK		DATE

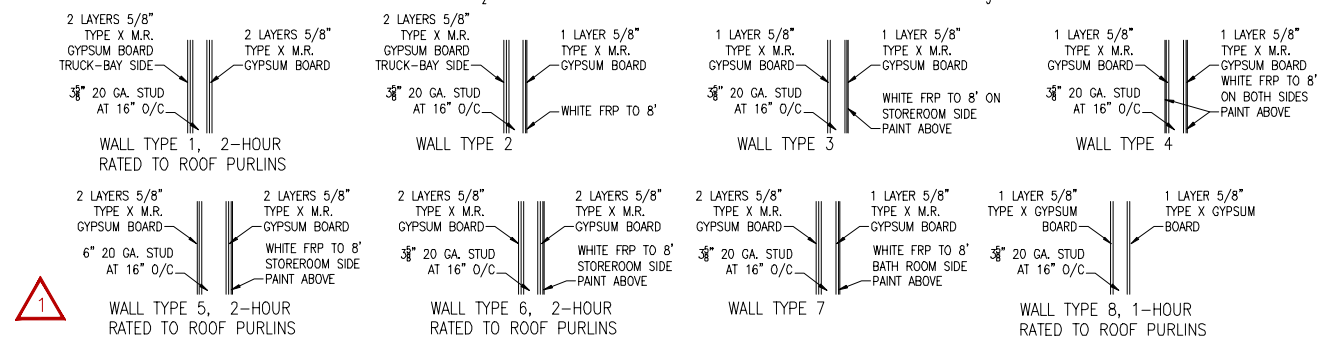
JOB CODE: 24ROSEBORO RESCUE
DRAWN BY: JPA
CHECKED BY: A. PRIVETTE
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SHEET TITLE:
DIMENSIONED FLOOR PLAN
DATE: 02/13/2025

A-101
SHEET 1 OF 5

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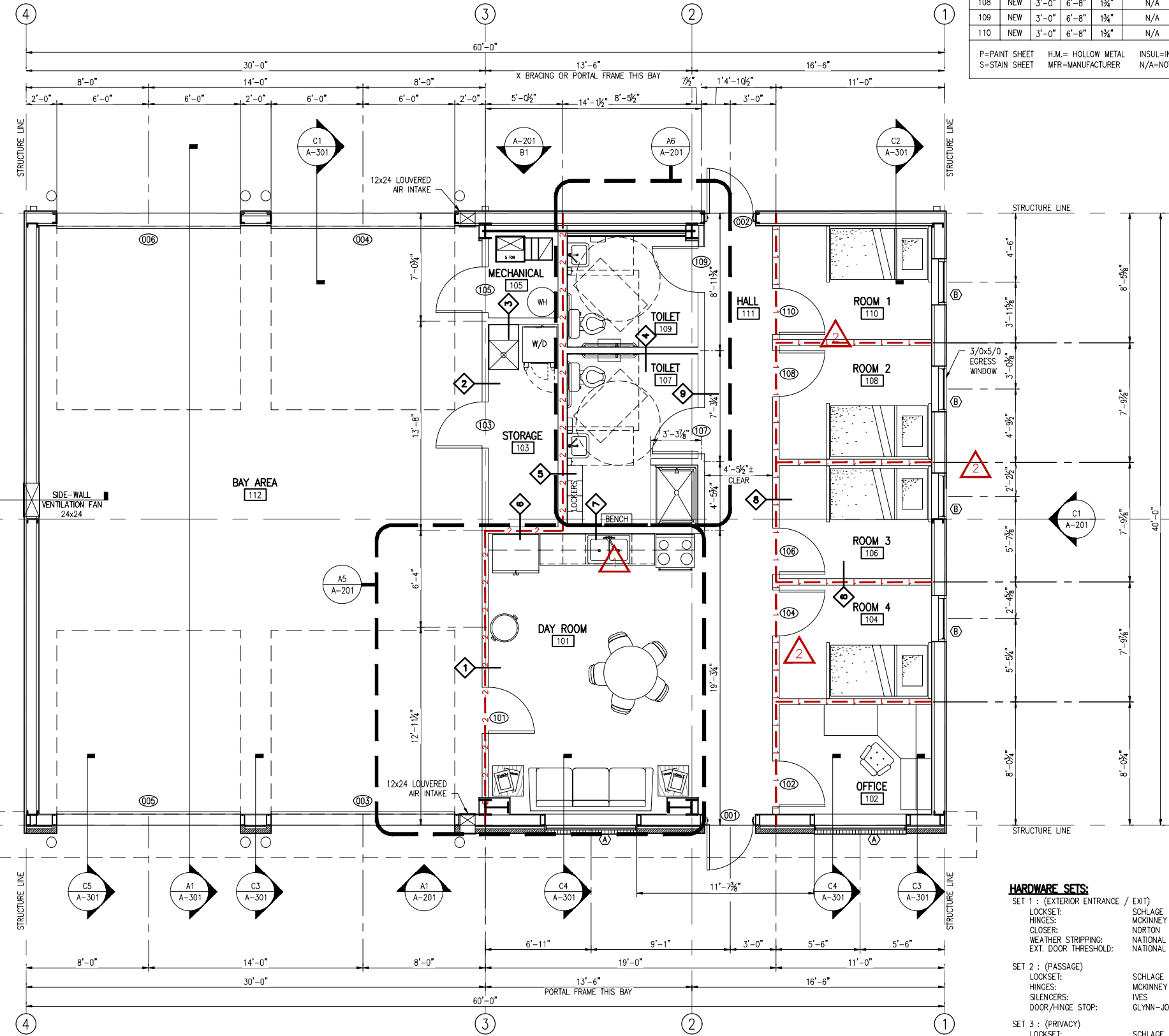


D1 WALL TYPES
SCALE: NTS

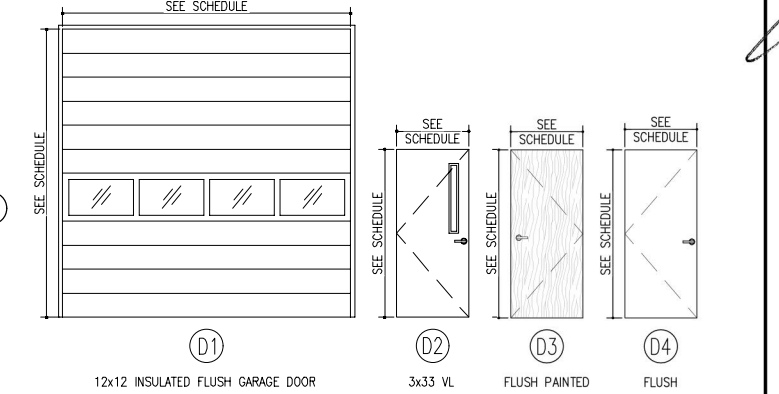
DOOR AND FRAME SCHEDULE

NO.	TYPE	WIDTH	HT.	THICK	GLASS	DR. MAT.	CORE MAT.	FACE MAT.	DR. EL.	FRAME	DR. FIN.	FRAME EL.	FRAME FIN.	H.W.	SET	REMARKS	
001	NEW	3'-0"	6'-8"	1 1/2"	1/4" TEMPERED	H.M.	INSULATED	STEEL	D2	N/A	H.M.	STEEL	F1	PAINTED	LR	1	3x33 VISION LITE
002	NEW	3'-0"	6'-8"	1 1/2"	1/4" TEMPERED	H.M.	INSULATED	STEEL	D2	N/A	H.M.	STEEL	F2	PAINTED	RR	1	
003	NEW	12'-0"	12'-0"	2"	MFR	STEEL	INSULATED	STEEL	D1	N/A	ALUMN.	MFR.	MFR.	MFR.	MFR.	MFR.	RUBBER BOOT BY MFR.
004	NEW	12'-0"	12'-0"	2"	MFR	STEEL	INSULATED	STEEL	D1	N/A	ALUMN.	MFR.	MFR.	MFR.	MFR.	MFR.	
005	NEW	12'-0"	12'-0"	2"	MFR	STEEL	INSULATED	STEEL	D1	N/A	ALUMN.	MFR.	MFR.	MFR.	MFR.	MFR.	
006	NEW	12'-0"	12'-0"	2"	MFR	STEEL	INSULATED	STEEL	D1	N/A	ALUMN.	MFR.	MFR.	MFR.	MFR.	MFR.	
101	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	90 MIN	H.M.	PAINT	F3	PAINTED	R	2	SMOKE SEALS
102	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN.	H.M.	PAINT	F3	PAINTED	R	2	SMOKE SEALS
103	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	N/A	H.M.	PAINT	F3	PAINTED	RR	3	
104	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN.	H.M.	PAINT	F3	PAINTED	L	2	SMOKE SEALS
105	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	N/A	H.M.	PAINT	F3	PAINTED	RR	2	
106	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN.	H.M.	PAINT	F3	PAINTED	R	2	SMOKE SEALS
107	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	N/A	H.M.	PAINT	F3	PAINTED	L	3	
108	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN	H.M.	PAINT	F3	PAINTED	L	2	SMOKE SEALS
109	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	N/A	H.M.	PAINT	F3	PAINTED	R	3	
110	NEW	3'-0"	6'-8"	1 1/2"	N/A	WOOD	SOLID	BIRCH	D3	20MIN	H.M.	PAINT	F3	PAINTED	R	2	SMOKE SEALS

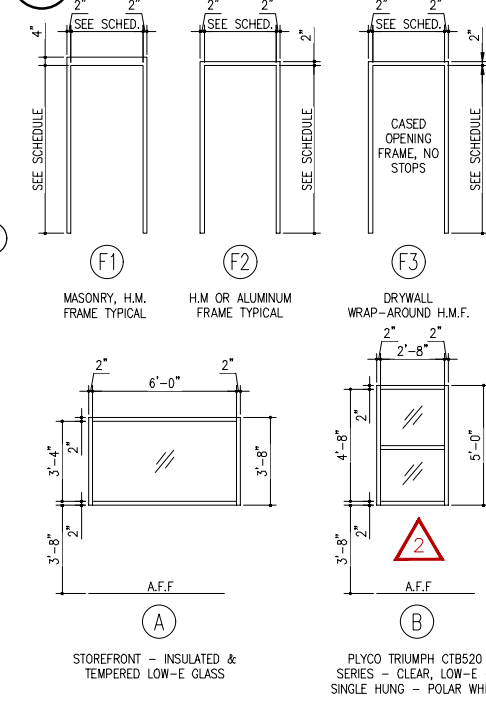
P=PAINT SHEET H.M.= HOLLOW METAL INSUL=INSULATION L=LEFT HANDED LR=LEFT HAND REVERSE DA= DOUBLE ACTING
S=STAIN SHEET MFR=MANUFACTURER N/A=NOT APPLICABLE R=RIGHT HANDED RR=RIGHT HAND REVERSE



A1 DIMENSIONED FLOOR PLAN
SCALE: 1/4" : 1'-0"



C5 DOOR ELEVATION
SCALE: 1/4" : 1'-0"



B5 DOOR FRAME & WINDOW ELEVATION
SCALE: 1/4" : 1'-0"

- HARDWARE SETS:**
- SET 1 : (EXTERIOR ENTRANCE / EXIT)
LOCKSET: SCHLAGE AL50PD-NEP-626
HINGES: MCKINNEY TA-2714 3 EACH 4.5 X 4.5 S.S. BALL BEARING
CLOSER: NORTON 8301-BF-US26
WEATHER STRIPPING: NATIONAL GUARD SMOKE & FIRE SEALS ON HEAD AND JAMBS
EXT. DOOR THRESHOLD: NATIONAL GUARD ALUMINUM #896 OR AS APPROPRIATE FOR THE SILL CONDITION
 - SET 2 : (PASSAGE)
LOCKSET: SCHLAGE AL10S-NEP-626
HINGES: MCKINNEY (3) TA-2714 4.5 X 4.5 S.S. BALL BEARING
SILENCERS: IVES (3) SR64; GRAY
DOOR/HINGE STOP: GLYNN-JOHNSON WALL: 60W-US32D OR FLOOR: FB13-US26D
 - SET 3 : (PRIVACY)
LOCKSET: SCHLAGE AL40S-NEP-626
HINGES: MCKINNEY (3) TA-2714 4.5 X 4.5 S.S. BALL BEARING
SILENCERS: IVES (3) SR64; GRAY
DOOR/HINGE STOP: GLYNN-JOHNSON WALL: 60W-US32D OR FLOOR: FB13-US26D

PERMITTING STAMP:

Designed to Build
A Smaller Approach

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Professional Seal of Andrew W. Privette, AIA, Registered Architect, State of North Carolina, License No. 3877.

ROSEBORO RESCUE
W DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

REV.	DATE	DESCRIPTION
REV. 1	02/13/25	ISSUED FOR PERMITS
REV. 2	02/13/25	SPRINKLER AND OTHER UPDATES
REV. 01	02/13/25	CODE SUMMARY UPDATE - ACCESSORY USE P2 - 2 HOUR SEPARATION
MARK		DATE



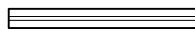
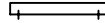









JOB CODE: 24ROSEBORO RESCUE
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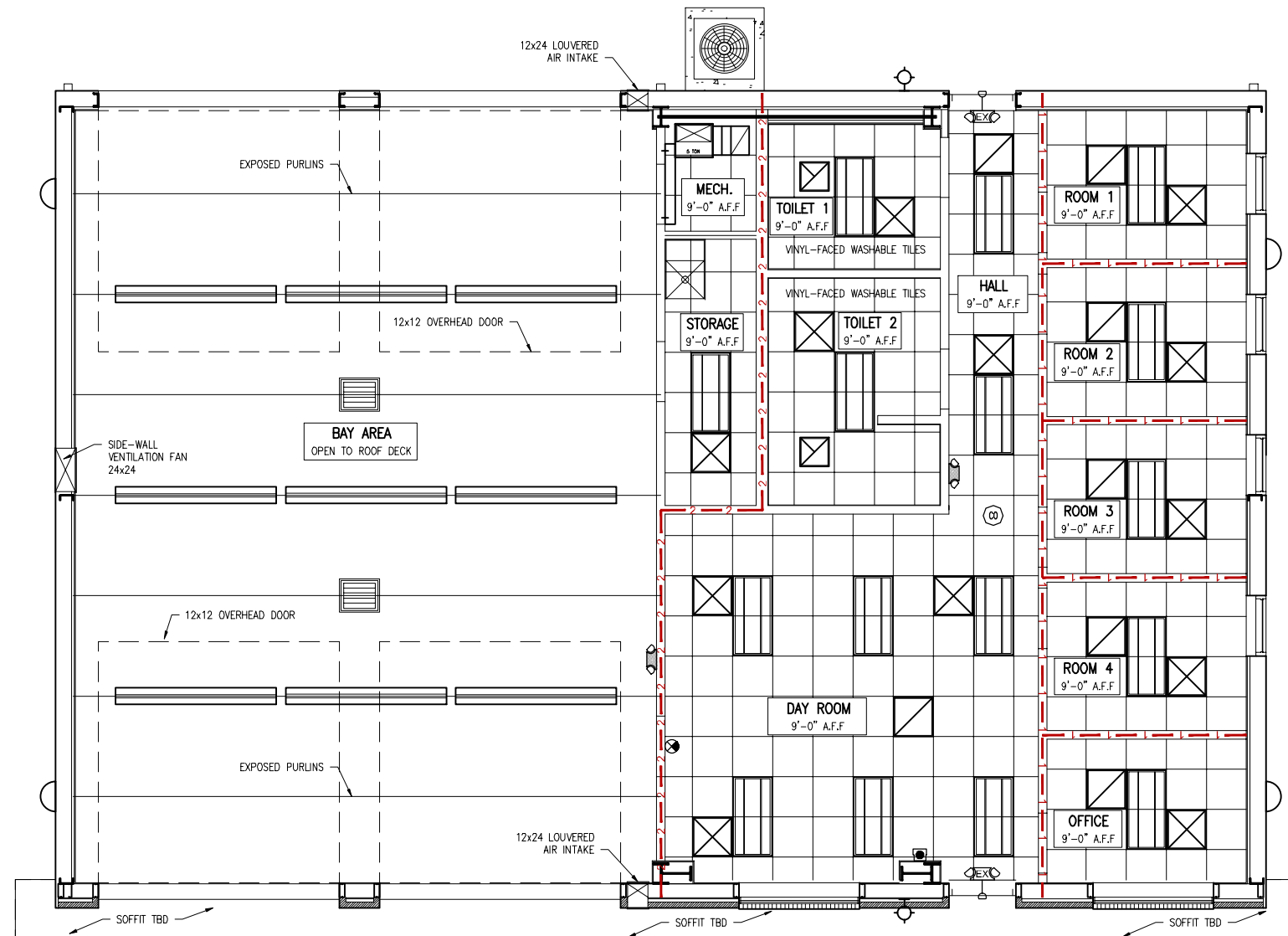
SHEET TITLE:
DIMENSIONED FLOOR PLAN
DATE: 02/13/2025

A-101
SHEET 1 OF 5

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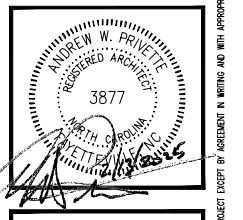
REFLECTED CEILING PLAN LEGEND

-  2'x4' LAY-IN LED
-  2'x2' LAY-IN LED
-  96" LED LOW BAY LIGHT
-  WALL MOUNTED LIGHT FIXTURE
-  WALL SCONCE LIGHT FIXTURE
-  WALL MOUNTED LIGHT FIXTURE
-  EXIT SIGN - SHADE AREA INDICATES FACE OF SIGN
-  EMERGENCY LIGHT
-  COMBINATION EXIT / EMERGENCY LIGHT
-  EXHAUST FAN
-  MECHANICAL SUPPLY GRILLE
-  MECHANICAL RETURN GRILLE
-  RADIANT HEATER



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ROSEBORO RESCUE
W DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

NO.	DATE	DESCRIPTION	BY	CHK
REV 02	02/27/25	SPRINKLER AND OTHER UPDATES	J. PAZ	AMP
REV 01	02/13/25	CODE SUMMARY UPDATE - ACCESSORY USE PS - 2 HOUR SEPARATION	J. PAZ	AMP

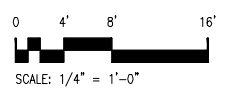
JOB CODE: 24ROSEBORO RESCUE
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SHEET TITLE:
REFLECTED CEILING PLAN

DATE: 02/13/2025

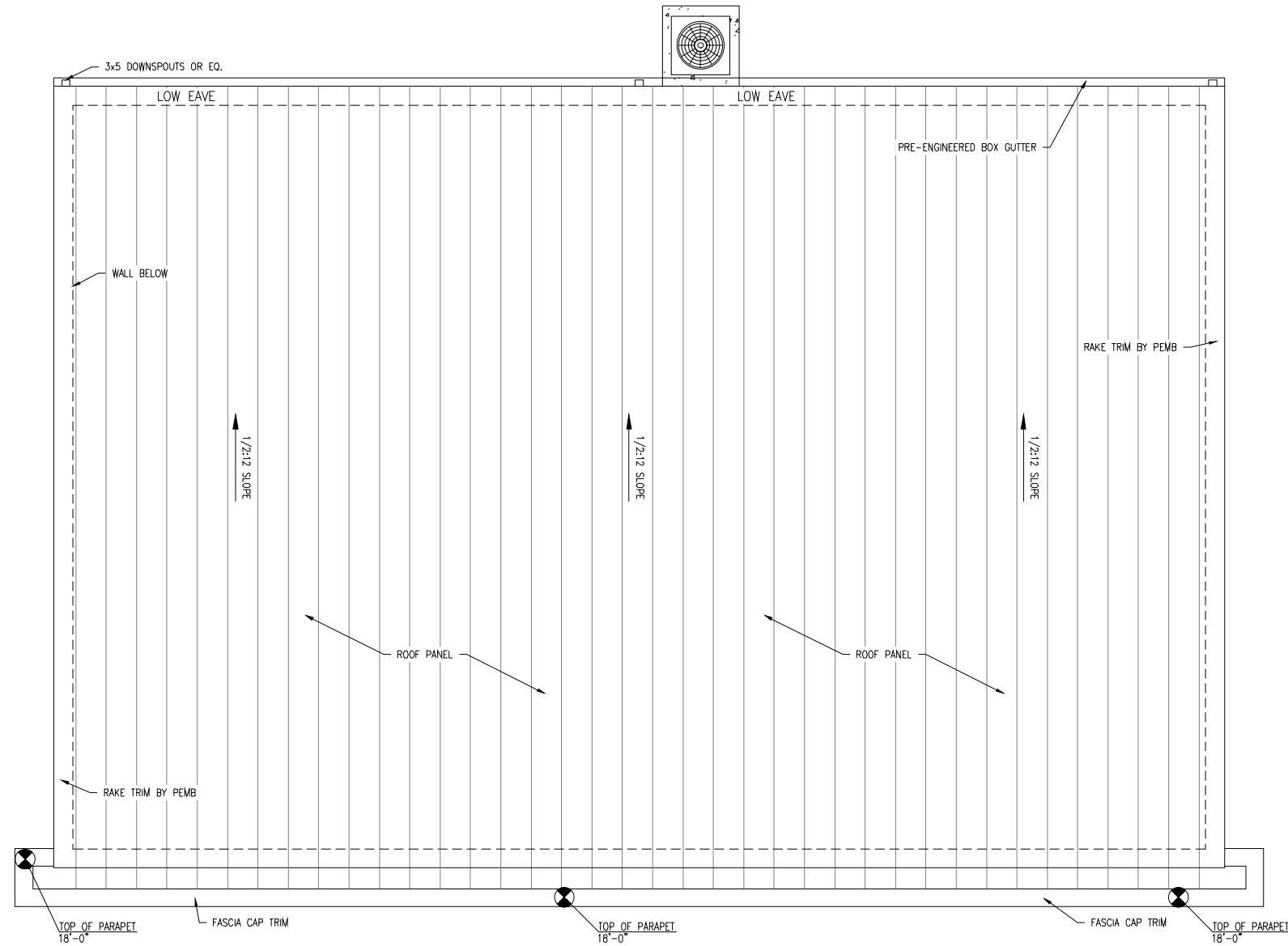
A-102
SHEET 2 OF 5

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

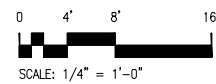


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1 2 3 4 5 6



A1 ROOF PLAN
SCALE: 1/4" = 1'-0"



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ROSEBORO RESCUE
W DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

REV	DATE	DESCRIPTION	CHK
REV 01	02.13.25	CODE SUMMARY UPDATE - ACCESSORY USE P2 - 2 HOUR SEPARATION	AMP
			CHK

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SHEET TITLE:
ROOF PLAN

DATE: 02/13/2025

A-103

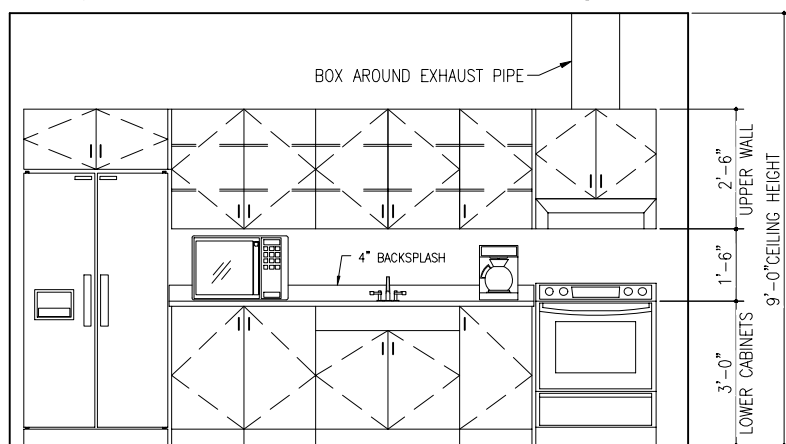
SHEET 3 OF 5

PERMITTING STAMP:

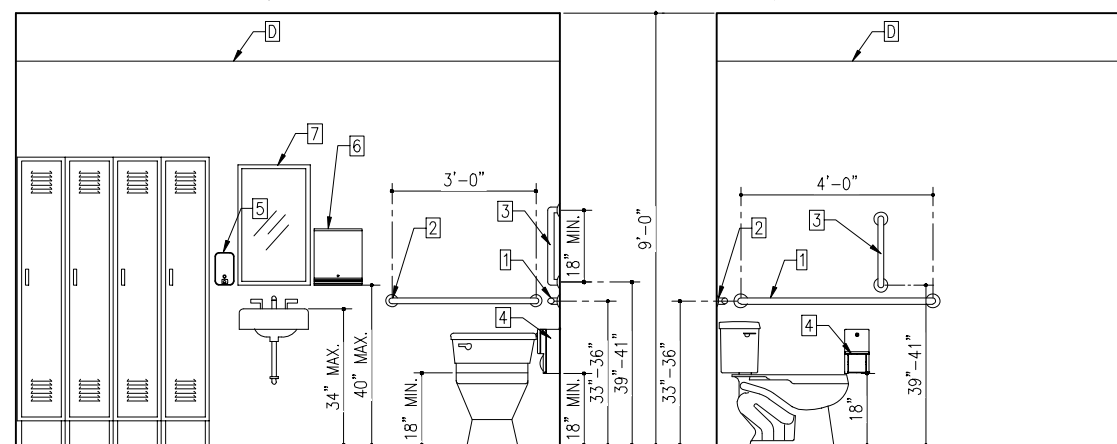
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ROSEBORO RESCUE

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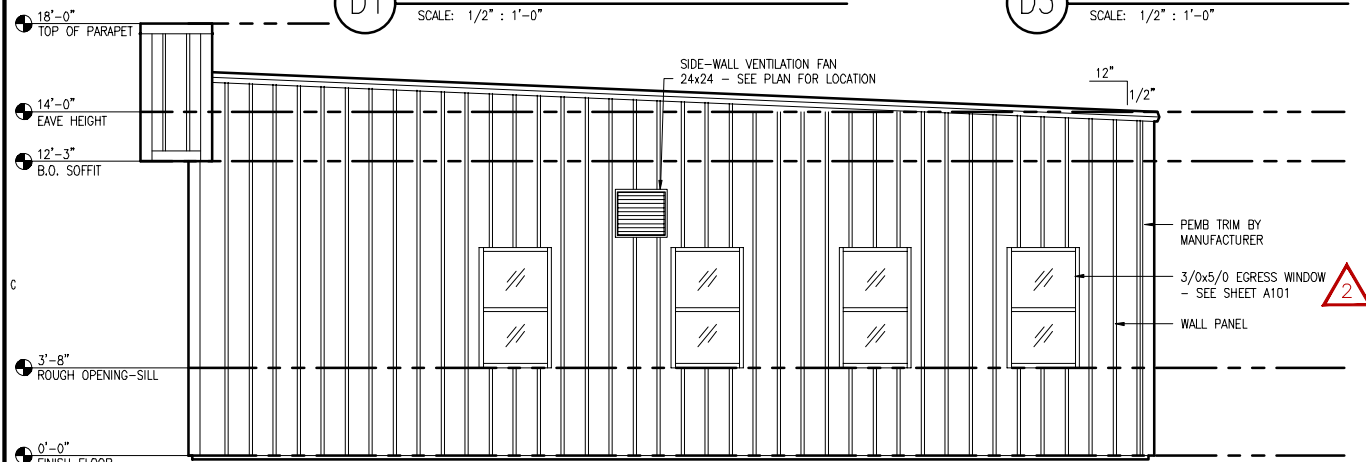
D1 KITCHEN INTERIOR ELEVATION
SCALE: 1/2" : 1'-0"



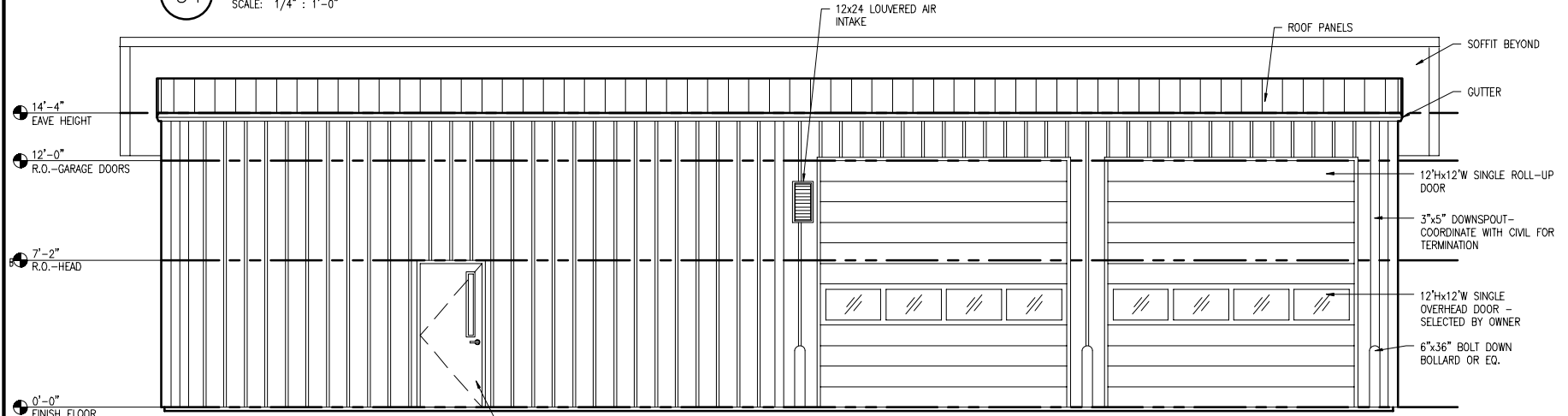
D3 TOILET ELEVATION
SCALE: 1/2" : 1'-0"

D4 TOILET ELEVATION
SCALE: 1/2" : 1'-0"

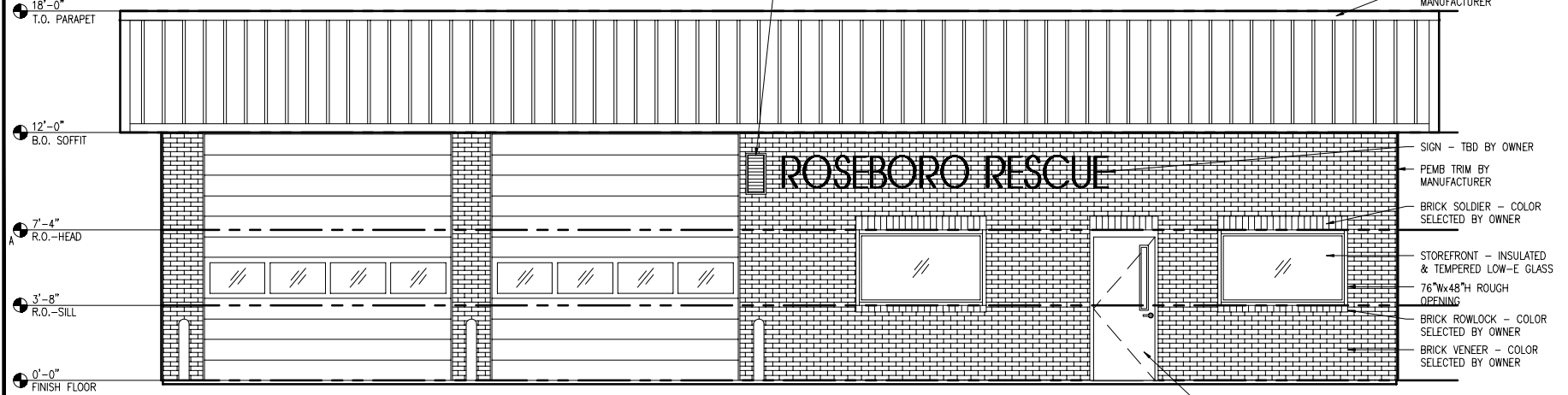
TAG	FIXTURE	SIZE	MOUNT. HT. A.F.F.	FINISH
1	42" GRAB BAR	1 1/4" Ø 42" LONG	33"-36"	STAINLESS STEEL
2	36" GRAB BAR	1 1/4" Ø 36" LONG	33"-36"	STAINLESS STEEL
3	18" VERT GRAB BAR	1 1/4" Ø 18" LONG	39"-41"	STAINLESS STEEL
4	TOILET PAPER DISPENSER	6 1/8" H 12 5/16" W	Ø @ 19"	STAINLESS STEEL
5	SOAP DISPENSER	8 1/8" H 4 3/4" W	40"-48"	STAINLESS STEEL
6	PAPER TOWEL DISPENSER	28" H 14" W	40"-48"	STAINLESS STEEL
7	FRAMED MIRROR	20" W 30" H	40" MAX	STAINLESS STEEL
8	URINAL PARTITION	18"x48"	12"	TBD
A	ADA TURNING CIRCLE	67"Ø	N/A	N/A
B	ADA CLEAR FLOOR SPACE	48"x30"	N/A	N/A
C	ADA CLEAR FLOOR SPACE	60"x56"	N/A	N/A
D	FRP OR EQ.	4'x8' SHEETS	8'	WHITE, PEBBLE
E	SHEET VINYL FLOORING AND FLASH BASE	PER MFR.	6"BASE HT.	PER MFR.



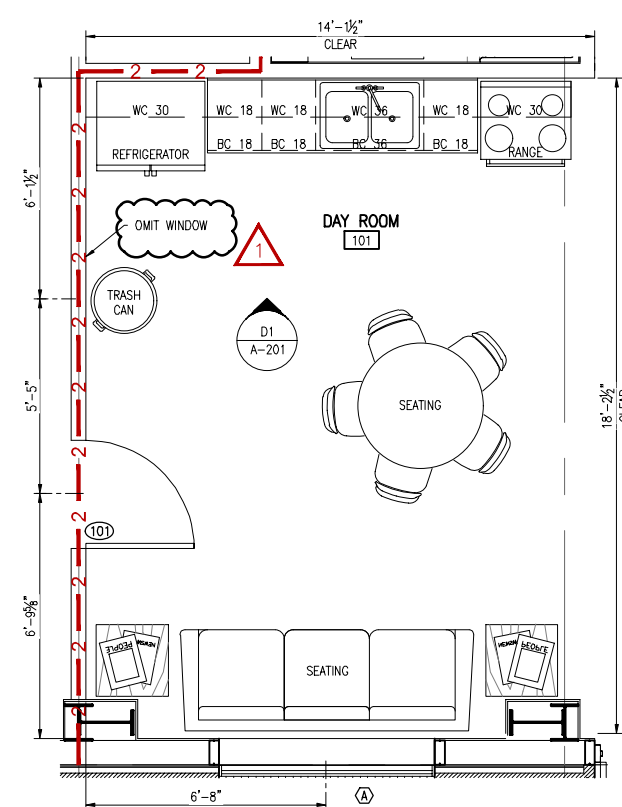
C1 SIDE ELEVATIONS
SCALE: 1/4" : 1'-0"



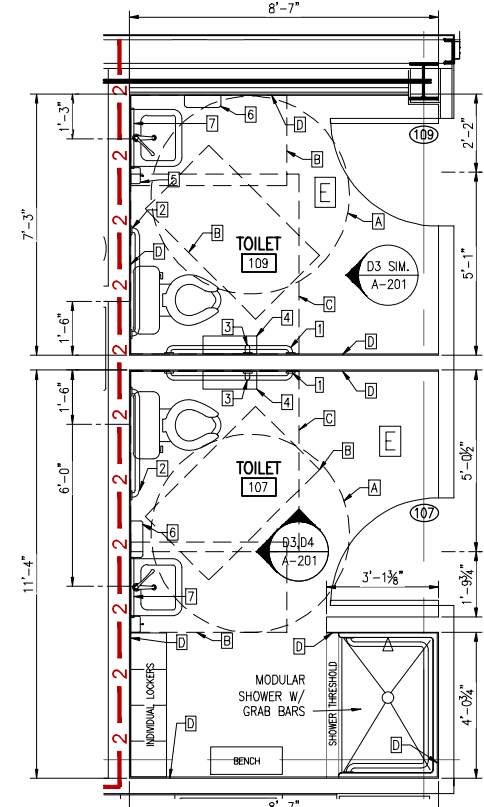
B1 REAR ELEVATION
SCALE: 1/4" : 1'-0"



A1 FRONT ELEVATION
SCALE: 1/4" : 1'-0"



A5 ENLARGED KITCHEN PLAN
SCALE: 3/8" : 1'-0"



A6 ENLARGED RESTROOM PLAN
SCALE: 3/8" : 1'-0"

Designed to Build
Sensible Solutions

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FAYETTEVILLE,
NORTH CAROLINA 28303
TELE. (910) 485-8567
d2bandrew@gmail.com

Professional seal and signature of Andrew W. Privette, AIA, dated 02/13/2025.

ROSEBORO RESCUE
W DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

REV	DATE	DESCRIPTION	CHK
REV 3	02.13.25	WALL TYPES ADDED PER PRE-AB REQUEST	AMP
REV 02	02.12.25	SPRINKLER AND OTHER UPDATES	AMP
REV 01	02.12.25	CODE SUMMARY UPDATE - ACCESSORY USE P2 - 2 HOUR SEPARATION	AMP
REV 01	02.12.25	CODE SUMMARY UPDATE - ACCESSORY USE P2 - 2 HOUR SEPARATION	AMP
MARK	DATE	DESCRIPTION	CHK

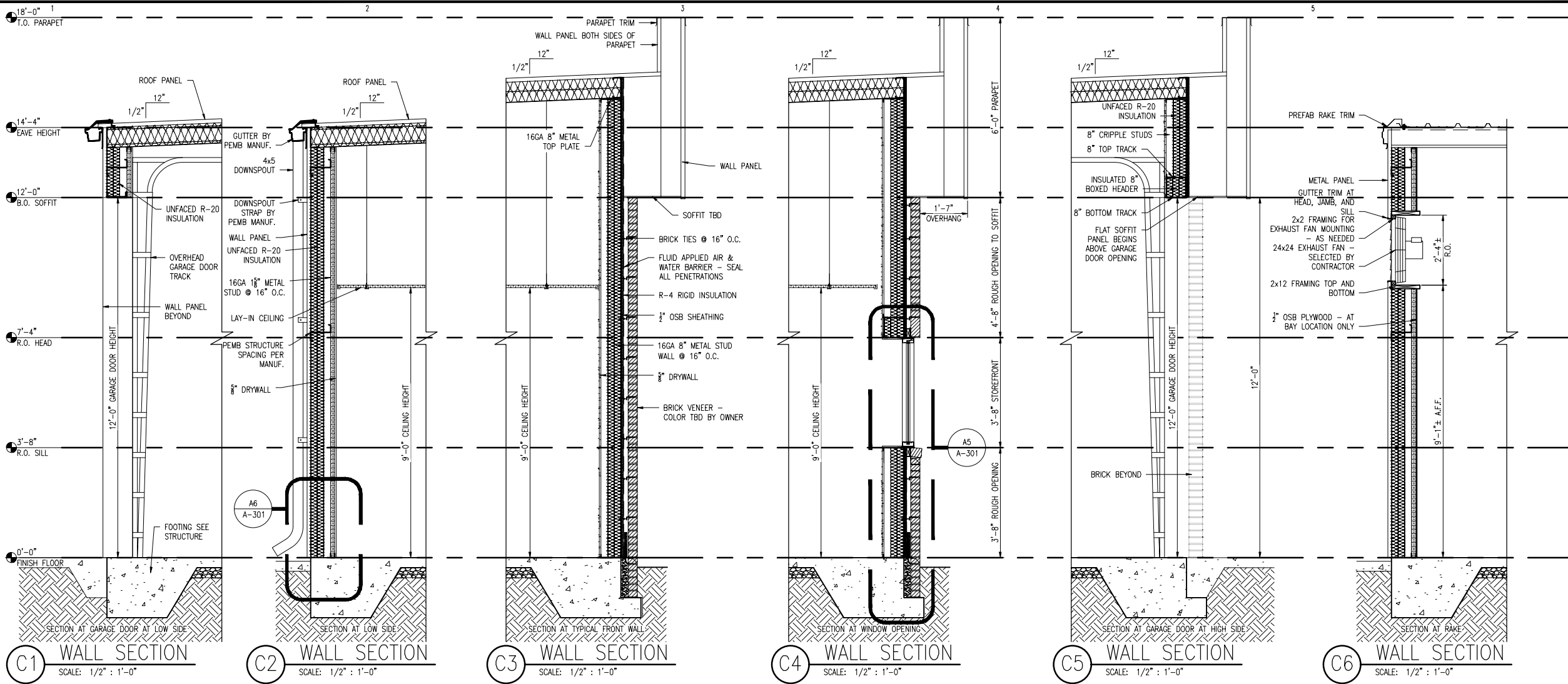
JOB CODE: 24ROSEBORO RESCUE
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SHEET TITLE:
**EXTERIOR ELEVATIONS,
INTERIOR ELEVATIONS &
ENLARGED FLOOR PLANS**

DATE: 02/13/2025
A-201
SHEET 4 OF 5

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C1 WALL SECTION
SCALE: 1/2" : 1'-0"

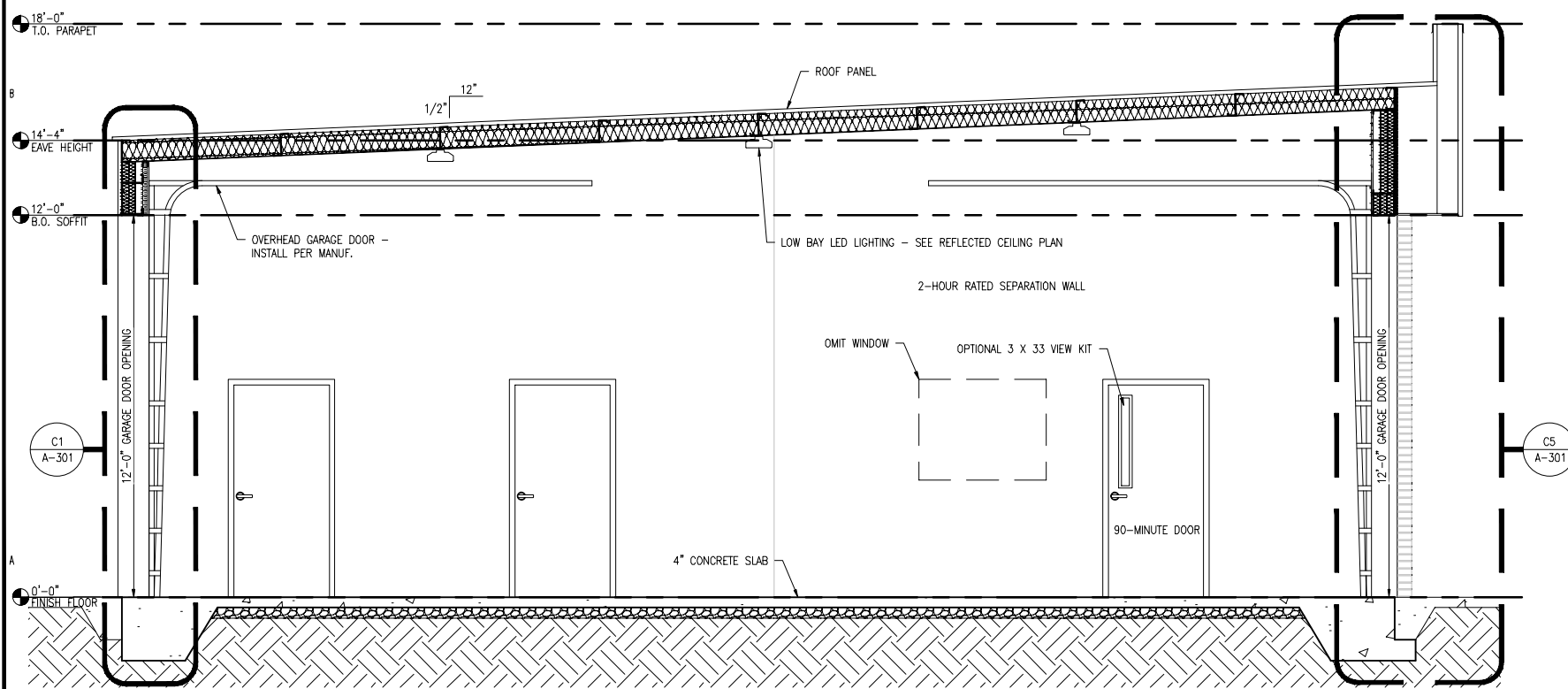
C2 WALL SECTION
SCALE: 1/2" : 1'-0"

C3 WALL SECTION
SCALE: 1/2" : 1'-0"

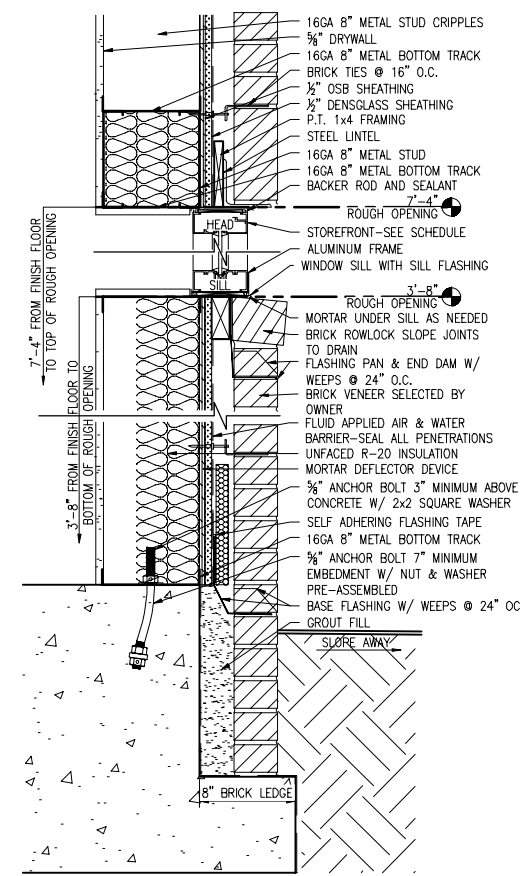
C4 WALL SECTION
SCALE: 1/2" : 1'-0"

C5 WALL SECTION
SCALE: 1/2" : 1'-0"

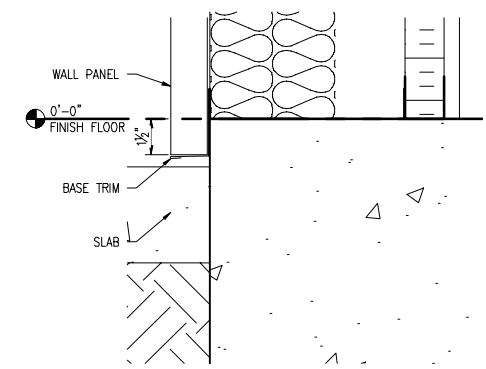
C6 WALL SECTION
SCALE: 1/2" : 1'-0"



A1 BUILDING SECTION
SCALE: 3/8" : 1'-0"



A5 HEAD, SILL, & BRICK FOOTING DETAIL
SCALE: 1-1/2" : 1'-0"



A6 WALL PANEL DETAIL
SCALE: 3" : 1'-0"

Designed to Build
A Smaller Approach

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ANDREW W. PRIVETTE
REGISTERED ARCHITECT
3877
STATE OF NORTH CAROLINA
EXPIRES 12/31/2025

ROSEBORO RESCUE
W DOCTOR MARTIN LUTHER KING JR.
ROSEBORO NORTH CAROLINA

NO.	DATE	DESCRIPTION	BY	CHK.

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SHEET TITLE:
**BUILDING SECTION &
WALL SECTIONS**

DATE: 02/13/2025

A-301
SHEET 5 OF 5

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Outline Specifications

Roseboro EMS Rescue Facility
06-15-2026

INCLUSIONS

DIVISION 1: GENERAL CONDITIONS AND COMMENTS

1. This project is a pre-engineered building structure with custom front facing wall construction. Type II-B construction type with metal stud interior framing.
2. The General Conditions of the American Institute of Architects shall cover all work under this contract.
3. All work shall comply with local codes and ordinances and industry standards.
4. All work shall carry the standard one-year building warranty from the General Contractor as well as all manufacturers' warranties. Warranty documentation and Building Handbooks will be provided by the General Contractor at the time of Owner occupancy.
5. See the Sampson County/Roseboro General and Supplemental Conditions for specifics regarding payment, insurance, site management, etc.
6. Please note this is an essential services facility and structural engineering of the pre-engineered building system should provide the appropriate design for Risk Factor IV facilities.
7. Utility connections for sewer (septic), water (well), power, or other necessary utilities will be as located and shown on the Civil drawings.
8. Carbon Monoxide and Smoke Detector Alarms will be required in sleeping rooms and smoke detectors in corridors and additionally as directed by the Owner.

DIVISION 2: SITE CONSTRUCTION

1. Erosion control, storm drainage, and utility services shall conform to local codes and be placed as noted on drawings.
2. Pricing for stormwater retention is not required at this time. Requirements and methods, if any, will be determined at a later date.
3. Landscaping and materials shall conform to local ordinances.
4. Excavate to 8" and 10" below existing finish floor for new 4" stone base and 4" and 6" concrete slabs
5. Final soil grades to be 6" below finish floor elevation with transition to doorways. Adjacent walkways to be 2" below finish floor with transitions at doorways. Drives at vehicle doors to be smooth transitions with a maximum slope of 1/2" in 12"
6. The site grading will be as determined by the Civil Engineering Drawings
7. Fencing if any will be as determined by the Owner.
8. Seed all areas after grading with zoysia grass seed and provide proper soil preparation, fertilization, and perimeter irrigation.
9. Downspouts to be piped to nearest catch basin, drop inlet. Or as directed by the Civil Engineering Drawings.

Outline Specifications

Roseboro EMS Rescue Facility

06-15-2026

10. Soil Compaction: A minimum of 95% of soils maximum dry density in lifts as noted on the geotechnical report.
11. 4" PVC pipe for the trench drain in the truck bay and downspouts leading to the back of the property. 200 LF.

DIVISION 3: CONCRETE

1. Concrete quality to meet 3,000 psi compressive strength within 28 days.
2. Documentation stating a minimum soil bearing capacity of 2,000 PSF will be on file with the contractor.
3. Slab on grade construction with monolithic turn down footing, with and without brick ledge. Perimeter slab insulation is not required. Optionally provide R-15 rigid perimeter insulation and mesh with cementitious coating protection.
4. Slab reinforcing to be 6x6 W1.4xW1.4 welded wire fabric
5. Additional crack control to be provided with Sika Fibermesh-150 polypropylene monofilament fibers, 1 pound per cubic yard.
6. Slab to be level on 1/4" in 10' non-accumulative.
7. Optionally provide a four-meter section of Polydrain trench drain system with reinforced steel grates between truck bays and pipe to the exterior.
8. Provide standard slab-on-grade termite pretreatment at perimeter footings and penetrations at plumbing pipes.
9. Hot Weather Slump: 4 to 5 inches with admixtures

DIVISION 4: MASONRY

1. Brick units are to be modular size; **color and texture matching the neighboring fire station.** Allow \$700 per thousand for brick material cost delivered to the site.
2. Foundation flashing is to be Grace Perma-Barrier flashing or equivalent for foundation and in-wall flashing at openings. Weep vents at 24" O.C. horizontally to occur one course below finish-floor level.
3. Mortar to be type M or N, colored to be grey mortar, no dye colors.
4. Lintels to be galvanized steel and painted to match supported masonry color.

DIVISION 5: METALS

1. All welding and steel connections to comply with approved standards.
2. All work to be shop primed.
3. Reinforcing steel to be grade 60.
4. All structural steel to be minimum grade A50.
5. Lintels to be galvanized steel.
6. See section 13 for Pre-engineered Metal Building information

Outline Specifications

Roseboro EMS Rescue Facility

06-15-2026

DIVISION 6: *WOODS AND PLASTICS* – N/A

1. **Cabinets and Counter Tops:** Cabinets to be plastic laminate faced, melamine interiors. Counter tops to be plastic laminate with 4" backsplash. Base cabinets to be standard door and drawer and sink base per the plan elevations. 15" and 30" tall wall cabinets in 36", 30", and 18" widths
2. **Conceal hood exhaust pipe in a box to the ceiling with matching cabinet material.**
3. **Color to be selected by Owner from standard laminate offerings.**

DIVISION 7: *THERMAL AND MOISTURE PROTECTION*

4. Building insulation values to be:
Walls: R-10ci continuous insulation on the interior of the wall girts or Simple Saver Insulation System.
Roof: R-10 + R-19 FC Simple Saver Insulation System.
5. Roofing per Pre-engineered Metal Building Manufacturer
6. Box gutters per Pre-engineered Metal Building Manufacturer
7. Exterior trim per Pre-engineered Metal Building Manufacturer
8. Optional slab insulation to be provide R-15 rigid polystyrene protected with mesh and cementitious coating protection.

DIVISION 8: *DOORS AND WINDOWS*

1. Emergency Escape windows to be white aluminum single-hung windows by Plyco or equal – see sheet A101.
2. Front facing windows to be white storefront thermally broken frames with tempered insulated and low-e glass.
3. Optional windowsills to be 3/4"x 8"to 10" +/- (to fit) cultured marble, white or as selected by Owner.
4. Interior doors to be 6'-8" flush wood solid core, painted.
5. Interior door frames to be 16-gauge hollow metal knock-down, wrap-around type.
6. Hardware to be Schlage or Equivalent, cylindrical type, commercial grade meeting accessibility code requirements, typically brushed chrome in finish.
7. **Provide cultured marble windowsills**

DIVISION 9: *FINISHES*

1. Interior framing is to be 3 5/8" and 6" metal studs.
2. Use movement accommodating clips and deflection track at walls that attach to the metal building structure.
3. Wall finish to be 5/8" gypsum wall board, moisture resistant at toilet rooms and Dayroom cabinet wall.
4. Toilet rooms will have white FRP to 8'-6" +/- on all walls with proper cap trim at the top and butting floor-base cap trim at the bottom. Use manufacturer's aluminum trim at vertical seams, corners, and cap.

Outline Specifications

Roseboro EMS Rescue Facility

06-15-2026

5. Provide metal strapping or wood blocking at cabinet wall as designated by the cabinet installer. Also, provide blocking at grab bar locations.
6. Interior finish colors are to be selected by Owner.
7. Truck Bay floor finish to be Siakfloor 264 FS epoxy coating, light gray color or equivalent epoxy product as approved.
8. Flooring finish first choice is FORBO sheet Marmoleum 0.1" thick, Style Marbled, Colors "Granada" or "Horse Roan" OR EQUIVALENT - Mohawk sheet vinyl Juniperus II C2059 "955 Nightingale", or Armstrong sheet vinyl Natrulis "Hot Springs".
9. Baseboards to be 4" rubber cove base except in the toilet rooms. There provide sheet vinyl flash cove base continuations with cove cap 6" up the wall. Cold-weld corner transition seams
10. Walls to be painted with latex primer and two coats eggshell, washable finish paint.
11. Doors and Hollow Metal Frames to be painted with oil-based primer and two coats semi-gloss finish paint.
12. Ceilings to be 24 x 24 acoustical tile, square edge, 15/16" grid; no acoustical ceiling in the truck bays. Ceiling tiles in the toilets to be washable vinyl-faced gypsum panels.

DIVISION 10: SPECIALTIES

1. Provide and install mirrors, grab bars, toilet paper dispensers, paper towel dispensers, towel bars, towel hooks, soap dispensers, trash receptacles, hand sanitizers, and other toilet accessories as designated on the plans and as directed by the owner. Acceptable manufacturers are Bobrick, Bradley, American Specialties. All accessories to be stainless steel, not painted.
- ~~2. The county may have a janitorial supply contract that will provide most of these items. Coordinate with the county authorities.~~
3. Fire Extinguishers to be 100# ABC type. Provide a minimum of two, one in the day room and one in the truck bay.
4. Lockers in the shower room to be Standard Metal 12" wide and 18" deep, single tier type by Salisbury or equivalent, color to be selected.
5. 24" bench is furniture as selected by Owner

DIVISION 11: EQUIPMENT

1. There is an Allowance for Appliances of \$2,200.00 for a refrigerator with ice and water dispenser and an electric range, final selections will be by Owner..
2. The range hood is to be a Broan 4200 Series as shown on the mechanical sheet. Conceal hood exhaust pipe in a box to the ceiling with matching cabinet materials.

Outline Specifications

Roseboro EMS Rescue Facility

06-15-2026

DIVISION 12: FURNISHINGS

1. All furnishings are excluded and are by the Owner including chairs, tables, desks, beds, etc. Furniture items that are shown on plans are for planning purposes only.
2. Contractor to provide Top-Down Bottom-Up Cellular Shades. Blackout shades for the four bedrooms, light-filtering for the office and day room. Manufactures are SWS Contract, Levolor, Hunter Douglas, or equivalent.

DIVISION 13: SPECIAL CONSTRUCTION

PRE-ENGINEERED METAL BUILDING SYSTEM

1. The pre-engineered metal building manufacturer and system will be as presented by the selected contractor.
2. Single slope to the rear, eave heights, fascia system, etc. generally as shown on the plans with the particular manufacturer's standard variations acceptable.
3. Wall panels are to be 26-gauge metal REVERSE R-Panel with ribs at 12" on center.
4. Roof panels are to be 24-gauge metal, Galvalume, screw-down roof system
5. Optionally price a 24-gauge Galvalume standing seam system
6. The building manufacturer is to submit shop drawings and submittals for review and provide structural reactions for final foundation double check.
7. Please note this is an essential services facility and structural engineering of the pre-engineered building system should provide the appropriate design for Risk Factor IV facilities.

DIVISION 14: CONVEYING EQUIPMENT - N/A

DIVISION 21: FIRE SUPPRESSION

SPRINKLER SYSTEM

1. The fire protection specialist will be required to design a NFPA-13D domestic sprinkler system to cover the living areas of the facility. Connection will be per the drawings, sheet P-1.

DIVISION 22: PLUMBING

1. Include plumbing for toilets, lavatories, sinks, hose bibs, etc.
2. Water lines may be cross-linked polyethylene tubing, PEX or copper.
3. Waste lines to be PVC.
4. Fixtures to be American Standard or equivalent
5. Faucets to be Delta or equivalent

DIVISION 23: MECHANICAL

1. HVAC will be a split-system heat pump in the living areas and radiate heaters in the truck bay.
2. Ductwork will run above the lay-in ceiling and be fabricated from sheet metal, insulated supply duct for condensation control.
3. Flexible runouts shall not to exceed 15' in length.

Outline Specifications

Roseboro EMS Rescue Facility

06-15-2026

4. Registers and grills will match 2x2 ceiling grid and sized to accommodate airflow.
5. Access clearance at the equipment will be provided as required by code.
6. Toilet ventilation will be provided with exhaust fans vented to the outside.
7. Range hood will asl be vented to the outside.

DIVISION 26: ELECTRICAL

1. Carbon Monoxide and Smoke Detector Alarms will be required in sleeping rooms and smoke detectors in corridors and additionally as directed by the Owner.
2. The Owner's team is to coordinate locations of switches, receptacles, alarm, phone, and computer outlets with the electrical subcontractor and their equipment suppliers.
3. Phone, network and communications wiring and systems are to be included and final coordination and locations by Owner. Provide boxes and conduits to accommodate future pulls of wiring. Coordinate with the Owner and add conduits out of the building for phone, TV, computer, internet, and signage.
4. There are no plans for emergency power at this time.
5. As an alternate, provide a price for 500-gallon propane tank and 10KVA generator, electrical switch gear, emergency panel, and necessary wiring and connection.

DIVISION 27: COMMUNICATIONS

1. Special constructions such as network, internet services, fiber optic line, and surveillance systems are excluded and are by Owner.

DIVISION 28: ELECTRONIC SAFETY AND SECURITY

1. Fire alarm and detection systems shall be as necessary for the NFPA-13D system and is noted on the electrical drawings.

SUMMARY OF OPTIONS, ALLOWANCES, ALTERNATES, AND CLARIFICATIONS NOT ON THE DRAWINGS:

The allowance amounts include cost for design, engineering, specification, fabrication, manufacturer, purchase, accessory materials, supervision, installation, and final cleaning as well as tax, freight, insurance, and contractor's markup.

CLARIFICATIONS AND ADDITIONAL INFORMATION

1. In addition to the welded wire fabric, provide Sika Fibermesh, 1 pound per cubic yard of concrete for slab crack control.
2. Sheet linoleum flooring and flash base in the toilet rooms
3. Washable ceiling tile in the toilet rooms.
4. Blocking for cabinets and grab bars
5. Use movement accommodating clips and deflection track at exterior and interior walls that attach to the metal building structure.

Outline Specifications

Roseboro EMS Rescue Facility

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6. Risk Category IV structural design

~~7. Some toilet accessories from the county — maybe? To be coordinated.~~

ALLOWANCES

1. Brick: \$700/thousand
2. Appliances: \$2,200.00
3. Special Inspection Fees: \$10,000.00

ALTERNATES

1. 24-gauge standing seam roofing
2. Polydrain trench drain, four meters per Division 3, Item 7

OTHER ITEMS UNDER CONSIDERATION BUT NOT IN THE BID

1. 10KVA single-phase diesel generator with integral fuel tank, electrical switch gear, emergency panel, and necessary wiring and connection, to provide emergency power to lighting, refrigerator, and select office receptacles critical for communications. By General Power or equivalent.

END OF OUTLINE SPECIFICATIONS



Required Special Inspections

Roseboro EMS Rescue Facility
06-15-2026

Project Information

- **Project Name:** Roseboro, NC EMS Rescue Facility
- **Building Code:** 2018 North Carolina State Building Code (Chapter 17)
- **Foundation Type:** Monolithic Slab-on-Grade
- **Concrete Strength:** 3,000 PSI Minimum
- **Building Structure:** Pre-Engineered Metal Building

1. Soils and Soil Compaction

Frequency: Periodic

- **Per Civil Engineering Specifications:**
- **Subgrade Verification:** Verify the soil type matches the approved geotechnical report.
- **Density Testing:** Test soil layers for proper compaction percentages.
- **Moisture Content:** Check that soil wetness meets specifications during compaction.
- **Soil Compaction:** A minimum of 95% of soils maximum dry density in lifts as noted on the geotechnical report.

2. Concrete Mix and Material Requirements

Frequency: Periodic

- **Strength Specification:** Verify concrete mix design meets the 3,000 PSI requirement.
- **Mix Design Review:** Verify the concrete mix matches the approved design submitted.



- **Slump and Air Tests:** Test fresh concrete samples for workability and air bubbles.
 - **Strength Testing:** Cast concrete cylinders to test compression strength at 7 and 28 days.
-

3. Foundation Reinforcing Steel

Frequency: Mixed (Periodic and Continuous as detailed below)

- **Materials Check (Periodic Inspection):** Check that the rebar is the correct strength and size.
 - **Placement Inspection (Periodic Inspection):** Verify rebar spacing, concrete clearance, and lap splice lengths.
 - **Main Frame and Endwall Posts Anchor Bolt Placement (Continuous Inspection):** Check placement, embedment, and exposure of ALL Main Frame and Endwall Posts anchor bolts before pouring.
-

4. Structural Steel Framing Erection

Frequency: Mixed (Periodic and Continuous as detailed below)

- **Field Welding (Continuous Inspection):** Provide full-time visual inspection for all field-welded connections during the welding process.
 - **High-Strength Bolting (Periodic Inspection):** Inspect bolt tightening using approved methods like the turn-of-nut method.
 - **Materials Check (Periodic Inspection):** Verify steel members and bolts match approved fabricator shop drawings.
 - **Frame Alignment (Periodic Inspection):** Verify the plumbness, elevation, and alignment of the columns.
-

SAMPSON COUNTY ROSEBORO EMERGENCY SERVICES BUILDING

SECTION 00 41 13 - BID FORM – STIPULATED SUM – SINGLE PRIME

PROJECT: Sampson County Roseboro Emergency Services Building
539 W Dr Martin L King Jr Blvd, Roseboro, North Carolina.

NAME OF BIDDER: _____.

BUSINESS ADDRESS: _____.

LICENSE NO. _____ DATE _____.

This Contractor hereby proposes to furnish all materials, labor and equipment necessary to provide the Owner with a completed project as described in these specifications and as shown, detailed, or noted on the drawings listed herein and to include all allowances and any information provided in addenda as indicated on this proposal form.

A. CONTRACT PRICE:

Roseboro Emergency Services Building					
ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
1	MOBILIZATION (10%)	1	LS	\$	\$
2	SITE CIVIL, SIDEWALK, UTILITIES AND LANDSCAPING	1	LS	\$	\$
3	ON-SITE/OFF-SITE ROADWAY IMPROVEMENTS	1	LS	\$	\$
4	PREFABRICATED BUILDING AND NECESSARY APPURTENANCES (MEP/HVAC/STRUCTURAL) – NO BRICK VENEER	1	LS	\$	\$
5	BUILDING FOUNDATION CONCRETE, REINFORCEMENT AND VAPOR BARRIER	1	LS	\$	\$
6	ELECTRICAL SERVICE EXTENSION	1	LS	\$	\$
Subtotal					\$
7	APPLIANCES	1	LS	\$2,200.00	\$2,200.00
8	PRE-FABRICATED BUILDING – BRICK VENEER	1	LS	\$700,000.00	\$700,000.00
9	SPECIAL INSPECTIONS	1	LS	\$10,000.00	\$10,000.00
10	UNSUITABLE SOILS AND ROCK	1	LS	\$100,000.00	\$100,000.00
Total					\$

SAMPSON COUNTY ROSEBORO EMERGENCY SERVICES BUILDING

Total Base Bid:

\$ _____

B. ALTERNATES:

Alternate 1	Propane Tank	\$ _____
Alternate 2	(Add)	_____
Alternate 3	(Add)	_____
Alternate 4	(Add)	_____
Alternate 5	(Add)	_____
Alternate 6	(Add)	_____

C. TIME OF COMPLETION:

The undersigned further agrees to begin work immediately upon receipt of the "Notice to Proceed" with an adequate force, carry the work forward as expeditiously as possible, and complete the work in **Three Hundred Twenty (320) days**.

D. QUALIFICATIONS AND CLARIFICATIONS:

Contractor shall obtain any clarifications with the Owner in writing prior to the bid date. Bid qualifications are not permitted.

E. ADDENDA:

Contractor shall acknowledge receipt of all Addenda to the drawings and specifications by affixing his signature in the spaces provided below:

	Date	Signature
Addendum No. 1	_____	_____
Addendum No. 2	_____	_____
Addendum No. 3	_____	_____
Addendum No. 4	_____	_____
Addendum No. 5	_____	_____

F. LISTING OF MAJOR SUBCONTRACTORS:

Plumbing Contractor: _____

Mechanical Contractor: _____

Electrical Contractor: _____

G. CONTRACTOR'S LICENSE:

The undersigned further states that he is a duly licensed Contractor, for the type of work proposed, in the State of North Carolina, and that all fees, permits, etc., pursuant to the submission of this proposal have been paid in full.

Respectfully submitted this _____ day of _____, 2026.

Signature of Contractor or
Authorized Agent:

SAMPSON COUNTY ROSEBORO EMERGENCY SERVICES BUILDING

Name: _____

Title: _____

Address: _____

Phone: _____

License: _____

Witness: _____

Title: _____

Date: _____

Note:

- 1. Bids will be received until 2:00 p.m. on Thursday, July 2nd, 2026, at the Sampson County Administration Building, 406 County Complex Road, Clinton, NC, 28328*

END OF SECTION 00 41 13

SAMPSON COUNTY ROSEBORO EMERGENCY SERVICES BUILDING

SECTION 01 22 00 - UNIT PRICES

PART 1 - GENERAL

1.1 SUMMARY

- A. The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Proposal section of these specifications. Payment will be made based on the specified items supplied and delivered in the description in this section for each bid item.
- B. The total Bid Price shall cover all Work required by the Contract Documents. All costs in connection with the proper and successful completion of the Work, including furnishing all materials, equipment, supplies, and appurtenances; providing all construction equipment and tools; and performing all necessary labor and supervision to fully complete the Work, shall be included in the lump sum and unit prices bid. All Work not specifically set forth as a pay item in the Bid Form but necessary to complete the intent of the construction documents shall be considered a subsidiary obligation of Contractor and all costs in connection therewith shall be included in the prices bid.
- C. No payment will be made for work constructed outside the authorized limits of work.

1.2 PROCEDURES

- A. Lump Sum Items: Where payment for bid items is shown to be paid for on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum item within the limits of work shown or specified. Incidental items include, but are not limited to:
 - 1. Shop Drawings, Working Drawings.
 - 2. Clearing, grubbing and grading except as hereinafter specified.
 - 3. Trench excavation, including necessary pavement removal and rock removal, except as otherwise specified.
 - 4. Dewatering and disposal of surplus water.
 - 5. Structural fill, backfill, and grading.
 - 6. Replacement of unpaved roadways, and shrubbery plots.
 - 7. Foundation and borrow materials, except as hereinafter specified.
 - 8. Testing and placing system in operation.
 - 9. Any material and equipment required to be installed and utilized for the tests.
 - 10. Pipe, structures, pavement replacement, driveways and/or appurtenances included within the limits of lump sum work, unless otherwise shown.
 - 11. Maintaining the existing quality of service during construction.
 - 12. Appurtenant work as required for a complete and operable system.
 - 13. Seeding and hydro mulching.
 - 14. As-built Record Drawings, clean up, and miscellaneous work.

Payment shall be made at the lump sum price stated in the Bid for each item and shall be pro-rated for the actual work completed based on an approved schedule of values detailing work to be completed under the specific item.

SAMPSON COUNTY ROSEBORO EMERGENCY SERVICES BUILDING

Each lump sum price shall include all the contractors' costs to complete the construction exclusive of payment items provided for elsewhere in the bid form.

- B. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established lump sum price and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 DESCRIPTION OF BID ITEMS

These payments will be subject to the standard retainage provided in the agreement. Payment of the retainage will be made after completion of the work and demobilization.

BID ITEM NO. 1 - MOBILIZATION

Mobilization shall be the preparatory work and operations in mobilizing for beginning work on the project, including, but not limited to, those operations necessary for the movement of personnel, equipment, supplies and incidentals to the project site, and for the establishment of temporary offices, storage buildings, staging areas, maintaining traffic, safety equipment and first aid supplies, sanitary and other facilities, and installation of tree protection measures as required by the Contract Documents and applicable laws and regulations. The costs of submittals, bonds, required insurance, permits and any other preconstruction expense necessary for the start of the work, excluding the cost of construction materials, shall also be included in this item. Demobilization shall be the work of removing temporary facilities from the site, cleanup and restoration. Mobilization/Demobilization shall be limited to a maximum of ten percent (10%) of the total Bid Price.

Payment for mobilization/demobilization will be made on an incremental basis in accordance with the following:

Percent of Original Contract Amount <u>Earned</u>	Allowable Percent of the Lump Sum <u>Price for the Item</u>
5	25
10	50
25	75
50	90
100	100

BID ITEM NO. 2 – SITE CIVIL, SIDEWALK, UTILITIES, AND LANDSCAPING

Payment for all work included under this Bid Item shall be made at the applicable Contract lump sum price and shall represent full compensation for furnishing all labor, materials, equipment, tools, permits, coordination, supervision, and incidentals necessary to complete the work in accordance with the Contract Documents and as approved by the County and Engineer.

Work included under this Bid Item shall include, but not be limited to, maintenance of traffic; erosion and sediment control, including permitting and regulatory compliance; clearing and grubbing; preconstruction video documentation of existing site conditions; as-built record drawings and required certifications; installation of potable water mains, sanitary sewer mains, fittings, appurtenances, and associated connections; excavation; grading; dewatering; bedding; backfill; compaction; testing; utility locating; removal of abandoned facilities; protection and support of existing utilities and power/light poles; yard piping; fencing; borrow; signage; landscaping; sodding; and all other work required for a complete and operational project.

Clearing and grubbing shall include the removal and disposal of trees, roots, vegetation, rock, abandoned pipe, and other features not incorporated into the completed improvements. Unless otherwise noted on the Contract Drawings, clearing and grubbing shall include a ten-foot (10-foot) strip along proposed pipeline and service lateral routes within easements, rights-of-way, and private property. The Contractor shall be responsible for determining the extent of clearing required and shall obtain and pay for any permits associated with the burning, hauling, or disposal of removed materials.

Payment shall include all pipe, fittings, restraints, tracer wire, marking tape, tapping sleeves, testing plugs, excavation (including rock excavation), dewatering, bedding, backfill, compaction, testing, restoration, and all associated work required to install and place the utility systems into service. No additional compensation shall be made for excavation below pipe grade, rock removal, bedding and backfill materials, trench settlement repairs, utility conflicts, or other incidental work required to complete the installation.

The Contractor shall coordinate all required utility shutdowns and connections with Sampson County through Ashley Holland. A minimum of four (4) days advance notice shall be provided for all planned shutdowns. Connections to the County water and sewer systems shall be performed between the hours of 9:00 PM and 5:00 AM unless otherwise approved by the County.

Payment shall further include all coordination required with federal, state, and local agencies; compliance with permitting requirements; preparation of record documents and certifications; restoration of disturbed areas; installation of signage, landscaping, and sod; and all other appurtenant work necessary to provide a complete, functional, and accepted facility. No separate payment will be made for any item incidental to the completion of this work. All costs shall be included in the Contract lump sum bid price for this Bid Item.

BID ITEM NO. 10 - PREFABRICATED BUILDING AND NECESSARY APPURTENANCES (MEP/HVAC/STRUCTURAL/EQUIPMENT) – NO BRICK VENEER

Payment for all work included in this Bid Item shall be made at the Contract lump sum bid price for furnishing, delivering, and constructing the prefabricated building and all appurtenances as shown on the Contract Drawings and specified herein. Lump sum payment shall represent full compensation for all labor, materials, equipment, supervision, coordination, fabrication, delivery, erection, installation, testing, startup, commissioning, and incidentals required to provide a complete, code-compliant, and fully operational facility, including but not limited to the building structural system, foundations and connections as shown, exterior walls, roof systems, insulation, rated assemblies, doors, windows, architectural finishes, HVAC systems, fire sprinkler system, plumbing systems, fire protection systems, electrical power and lighting systems, life-safety systems, equipment, controls, testing, and closeout documentation. Payment shall also include all coordination between trades, submittals, inspections, permits, restoration of disturbed areas, and all minor or auxiliary items whether or not specifically shown on the plans but required for proper installation and operation of the building. Brick Veneer should not be included in this bid item – an allowance is included in the bid form. No additional compensation shall be made for coordination issues, additional materials, rework, testing, or compliance with codes and standards, as the lump sum bid price shall constitute full compensation for the completed prefabricated building in accordance with the Contract Documents.

BID ITEM NO. 11 - BUILDING FOUNDATION CONCRETE, REINFORCEMENT AND VAPOR BARRIER

Payment for all work included in this Bid Item shall be made at the Contract lump sum bid price for furnishing and installing all building foundation concrete, reinforcement, and vapor barrier as shown on the Contract Drawings and specified herein. Lump sum payment shall represent full compensation for all labor, materials, and equipment required to complete the work, including but not limited to subgrade preparation, excavation, dewatering, formwork, reinforcing steel, welded wire fabric, dowels, anchor bolts, embeds, vapor barrier, granular base, concrete placement including slab depressions, thickened sections, and edge conditions, finishing, curing, sawcutting, testing, and protection, as well as coordination with prefabricated building systems. Payment shall also include all incidentals, code-required items, temporary supports, and minor materials whether or not specifically shown on the plans but required for a complete and acceptable installation. No additional compensation shall be made for excavation below design grades, rock removal, unsuitable material, additional reinforcement, over-excavation, or rework, as the lump sum bid price shall constitute full compensation for the completed building foundation system in accordance with the Contract Documents.

BID ITEM NO. 12 - ELECTRICAL SERVICE EXTENSION

Payment for all work included, but is not limited to, under this Pay Item shall represent full compensation in accordance with the lump sum price bid for the electrical utility and communications service extension, including but not limited to coordination with the County, electrical provider, communications provider, aboveground electrical pole, box, underground connections, and all equipment and labor necessary to comply with required standards.

Measurement for periodic payments of this lump sum Pay Item will be in accordance with

SAMPSON COUNTY ROSEBORO EMERGENCY SERVICES BUILDING

the approved Schedule of Values, to be supplied by the Contractor in accordance with the Contract Documents.

BID ITEM NO. ON SITE/OFF SITE ROADWAY IMPROVEMENTS

Payment for all work included under this Pay Item shall be made at the applicable Contract lump sum price and shall represent full compensation for furnishing and installing all sidewalks, concrete driveways, curbing, pavement restoration, asphalt paving, milling, resurfacing, pavement markings, and all associated appurtenances as shown on the Contract Drawings and listed on the Bid Form. Payment shall include all labor, materials, equipment, testing, traffic control, preparation, restoration, and incidentals necessary to complete the work in accordance with the Contract Documents and ready for approval and acceptance by the County.

Work included under this Pay Item shall include, but not be limited to, removal of existing curbing; furnishing and installation of proposed curb; compaction of subgrade; forming, placing, finishing, and curing concrete; installation of sidewalks and concrete driveways; furnishing, installing, and testing base, subbase, and asphalt pavement; roadway restoration; milling and resurfacing; pavement striping and markings; restoration of pavement markings and signalization loops; and all other work required to provide complete and functional roadway, pedestrian, and site improvements.

Payment shall include complete roadway restoration in accordance with the applicable details shown on the Contract Drawings, including one (1) lift of 1-inch Type S-III asphalt, one (1) lift of 1-inch Type S-I asphalt, eight (8) inches of crushed concrete base with an LBR greater than or equal to 150, subbase materials, compacted suitable excavation material, and all associated testing and quality control required by the Contract Documents. No additional payment shall be made for installation of base, subbase, or asphalt pavement sections thicker than those specified in the Contract Documents.

Where milling and resurfacing are required for roadway restoration associated with the installation of concrete curb, driveways, water services, utilities, or other improvements, the Contractor shall mill 1.5 inches of existing pavement and place 1.5 inches of Asphalt Type SP 9.5, including all labor, materials, equipment, and incidentals necessary to complete the restoration in accordance with County specifications and the Contract Documents.

Payment shall further include furnishing and installing all pavement striping and markings shown on the Contract Drawings, restoration of all disturbed pavement surfaces, and all labor, materials, equipment, and incidentals required to complete the work. No separate payment shall be made for any item incidental to the completion of this work, and all costs shall be included in the Contract lump sum bid price for this Pay Item.

END OF SECTION 01 22 00