NEW EMS BASE FACILITY
FOR THE
TRANSYLVANIA COUNTY COMMISSIONERS
BREVARD, NORTH CAROLINA

DRAWING INDEX

GENERAL NOTES:

1. REFER TO CIVIL DRAWINGS FOR ALL SITE WORK.
2. REFER TO STRUCTURAL DRAWINGS FOR ALL STRUCTURAL WORK.
3. REFER TO PLUMBING, MECHANICAL AND PLUMBING WORK FOR PME SCOPE.
4. CONTRACTOR SHALL VERIFY NEW CONSTRUCTION LOCATIONS WITH OWNER, CIVIL ENGINEER AND ARCHITECT PRIOR TO COMMENCEMENT OF ANY WORK.
5. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS. CONSULT ARCHITECT FOR ANY CONFLICTS.
6. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE DELIVERING OF MATERIALS AND THE WORK OF ALL SUBCONTRACTORS.
7. ALL UL DESIGN NUMBERS ARE TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE UNDERWRITERS LABORATORY FIRE RESISTANCE DIRECTORY.
8. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL STATE/LOCAL CODES AND ORDINANCES DURING THE CONSTRUCTION OF THIS PROJECT.
9. THE DESIGN INTENT OF THE CONSTRUCTION DRAWINGS AND PROJECT MANUAL IS TO COMPLY WITH ALL BUILDING CODES OR ORDINANCES THAT HAVE JURISDICTION OVER THIS PROJECT. CONTRACTOR IS TO CONSULT WITH OWNER/ARCHITECT REGARDING ANY PORTIONS OF THE DOCUMENTS THAT DO NOT COMPLY WITH SUCH CODES OR ORDINANCES.
10. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL PENETRATIONS IN RATED WALL SYSTEMS TO MEET SPECIFIED UL RATING REQUIREMENTS FOR EACH RATING.
11. REFER TO FINISH SCHEDULE AND ASSOCIATED NOTES FOR ADDITIONAL INFORMATION PERTAINING TO FINISHES NOT SHOWN ON THIS AND OTHER DRAWING SHEETS.
12. CONTRACTOR TO COORDINATE ALL PARTITION LOCATIONS WITH ALL OTHER TRADES. ANY DISCREPANCIES TO BE BROUGHT TO THE ARCHITECT/OWNER'S ATTENTION IMMEDIATELY.
13. CLEAR DIMENSIONS NOTED ARE CRITICAL AND ARE TO BE USED IN LOCATING PARTITIONS, OPENINGS, ETC. SHOULD ANY CLEAR DIMENSIONS ADVERSELY EFFECT OTHER DIMENSIONS NOTED THAT ARE REQUIRED FOR DESIGN INTENT, CONSULT WITH ARCH/OWNER IMMEDIATELY. ALL DIMENSIONS PERTAINING TO ACCESSIBILITY REQUIREMENTS ARE TO BE VERIFIED AND MUST COMPLY WITH CHAPTER 11 OF THE NC BUILDING CODE AND ANSI A117.1-2003."
14. STRUCTURAL ENGINEERS FOUNDATION/FOOTING DESIGN IS BASED ON AN ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. THE REQUIRED AGGREGATE PIER DESIGN AND CONSTRUCTION IS TO BE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNDER A DESIGNATED DESIGN. REFER TO STRUCTURAL AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING THIS WORK.
15. TRANSYLVANIA COUNTY BUILDING PERMIT FEES AND BREVARD CITY FEES FOR PLAN REVIEW, WATER AND SEWER TAP FEES, ETC. TO BE THE RESPONSIBILITY OF TRANSYLVANIA COUNTY.

APPENDIX 'B' — BUILDING CODE SUMMARY

APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS

Name of project: TRANSYLVANIA COUNTY EMS BASE FACILITY
Address: 535 MORRIS ROAD, BREVARD, NC 28712
Proposed Use: EMERGENCY MEDICAL SERVICES BASE STATION
Owner/Agent: MR. LARRY REESE Phone: 828.883.8765
Owned By: ☒ City/County ☐ Private ☐ State
Code Enforcement Jurisdiction: ☒ City BREVARD ☒ County TRANSYLVANIA

LEAD DESIGN PROFESSIONAL:

DESIGNER	FIRM NAME	DESIGNER'S NAME	LICENSE#	TELEPHONE#
Architectural	RICHARD L. WORLEY, AIA	RICHARD L WORLEY	3600	828.891.7389
Civil	HIGH COUNTRY ENG., PC	MICHAEL GOFORTH	33862	828.230.4511
Electrical	SIMS GROUP, PC	DEREK STEWART	42145	828.251.2025
Fire Alarm	SIMS GROUP, PC	DEREK STEWART	42145	828.251.2025
Plumbing	SIMS GROUP, PC	DEREK STEWART	42145	828.251.2025
Mechanical	SIMS GROUP, PC	DEREK STEWART	42145	828.251.2025
Sprinkler	NA	NA	NA	NA
Structural	MEDLOCK AND ASSOC.	EDWARD MEDLOCK	25950	828.232.4448
Ret. Walls>5'	NA	NA	NA	NA
Other	NA	NA	NA	NA

YEAR EDITION OF CODE: NC BUILDING CODE 2018
☒ New Construction ☐ Renovation (Existing Bldg) ☐ Upfit ☐ Alteration

BUILDING DATA:
Construction Type: ☐ I-A ☐ I-B ☐ II-A ☐ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☒ V-B
Mixed Construction: ☐ No ☒ Yes Types ______
Sprinklers: ☐ No ☒ Yes ☐ NFPA 13 ☐ NFPA 13R ☒ NFPA 13D
Standpipes: ☒ No ☐ Yes ☐ CLASS I ☐ CLASS II ☐ CLASS III ☐ WET ☐ DRY
Fire District: ☒ No ☐ Yes
Building Height: 28 ft. No. of Stories: 1 ☐ Unlimited per N/A
Mezzanine: ☐ No ☒ Yes
High Rise: ☒ No ☐ Yes Central Reference Sheet # (if provided) N/A

Gross Building Area:

Floor	Existing (Sq.Ft.)	New (Sq.Ft.)	Sub-Total
4th Floor	N/A	N/A	N/A
3rd Floor	N/A	N/A	N/A
2nd Floor	N/A	N/A	N/A
Mezzanine	N/A	N/A	N/A
1st Floor	N/A	10,750	10,750
Basement	N/A	N/A	N/A
TOTAL :	N/A	10,750	10,750

NO INCREASE IN AREA — ALLOWABLE AREA

Primary Occupancy: ☐ Assembly ☐ A-1 ☐ A-2 ☐ A-3 ☐ A-4 ☐ A-5
☒ Business ☐ Educational ☐ Factory-Industrial ☐ F-1 ☐ F-2
☐ High-Hazard ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5
☐ Institutional ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 Use Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ Mercantile ☐ Residential ☐ R-1 ☒ R-2 ☐ R-3 ☐ R-4
☐ Storage ☒ S-1 ☐ S-2 ☐ High-piled
☐ Utility and Miscellaneous Parking Garage ☐ Open ☐ Enclosed ☐ Repair

Secondary Occupancy: X
Special Use: ☐ 402 ☐ 403 ☐ 404 ☐ 405 ☐ 406 ☐ 407 ☐ 408 ☐ 409 ☐ 410 ☐ 411 ☐ 412 ☐ 413 ☐ 414 ☐ 415 ☐ 416 ☐ 417 ☐ 418 ☐ 419 ☐ 420 ☐ 421 ☐ 422 ☐ 423 ☐ 424 ☐ 425 ☐ 426 ☐ 427
Special Provisions: ☐ 509.2 ☐ 509.3 ☐ 509.4 ☐ 509.5 ☐ 509.6 ☐ 509.7 ☐ 509.8 ☐ 509.9
Mixed Occupancy: ☐ NO ☒ YES Separation: X Hr. Exception: X

☐ **Incidental Use Separation (508.2.5)**
This separation is not exempt as a Nonseparated Use (see exceptions)

☐ **Non-Separated Mixed Occupancy (508.3.2)**
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

☒ **Separated Mixed Occupancy (508.3.3) - See below for area calculations**
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

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

$$\frac{3650}{13500\ (.27)} + \frac{1690}{10500\ (.16)} + \frac{4240}{13500\ (.31)} + \frac{1145}{13500\ (.08)} = \underline{.82} \leq 1.00$$

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER FLOOR (ACTUAL)	(B) TABLE 503[5] AREA	(C) AREA FOR OPEN SPACE INCREASE[1]	(D) AREA FOR SPRINKLER INCREASE[2]	(E) ALLOWABLE AREA OR UNLIMITED[3]	(F) MAXIMUM BUILDING AREA[4]
1	BUSINESS.B	3650	9000	4500	N/A	13500	13500
1	RESIDENCIAL.R2	1690	7000	3500	N/A	10500	10500
1	STORAGE.S1.TRUCK.BAYS	4240	9000	4500	N/A	13500	13500
1	STORAGE.S1.WASH.BAY	1145	9000	4500	N/A	13500	13500

1. Open space area increase from Section 506.2 are computed thus:
   a. Perimeter which front a public way or open space having 20ft min. width = 514 (F)
   b. Total Building Perimeter = 514 (P)
   c. Ratio (F/P) = 1.00 (F/P)
   d. W=Minimum width of public way = 20 (W)
   e. Percentage of frontage increase I_f = 100 (F/P − .25) x W/30 = 50 (%)
2. The sprinkler increase per Section 506.3 is as follows:
   a. Multi-story building I_S = 200 percent
   b. Single-story building I_S = 300 percent
3. Unlimited area applicable under conditons of Section 507.
4. Maximum Building Area=total number of stories in the building xE (506.4).
5. The maximum area of parking garages must comply with 406.3.5. The maximum area of air traffic control towers must comply with 412.1.2.

ALLOWABLE HEIGHT
PROJECT IS RENOVATION OF INTERIOR AREAS OF AN EXISTING BUILDING WITHOUT ANY ADDITIONS.

	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Type VB		Type VB	602.5
Building Height in Feet	Feet 40	Feet=H+20'= N/A	Feet 29	TABLE 504.3
Building Height in Stories	Stories 2	Stories+1 = N/A	Stories 1	TABLE 504.4

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENTS	FIRE SEPARATION IN (FEET)	RATING REQ'D.	RATING PROVIDED (W/______* REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETR.	DESIGN # FOR RATED JOINTS
Structural frame, including columns, girders trusses	X	X	X	X	X	X	X
Bearing Walls (EXISTING)							
Exterior	X	X	X	X	X	X	X
North	X	X	X	X	X	X	X
East	X	X	X	X	X	X	X
West	X	X	X	X	X	X	X
South	X	X	X	X	X	X	X
Interior	X	X	X	X	X	X	X
Non-bearing walls and partitions Exterior	X	X	X	X	X	X	X
North	X	X	X	X	X	X	X
East	X	X	X	X	X	X	X
West	X	X	X	X	X	X	X
South	X	X	X	X	X	X	X
Interior	X	X	X	X	X	X	X
Floor Construction Including support beams and joists	X	X	X	X	X	X	X
Roof Construction Including support beams and joists	X	X	X	X	X	X	X
Shafts – Exit	X	X	X	X	X	X	X
Shafts – Other	X	X	X	X	X	X	X
Corridor Separation (New)	X	X	X	X	X	X	X
Fire Separation Partition	X	2HR	X	W8/A3	UL U336	X	X
Fire Partition	X	1HR	X	W9/A4	WP 3510	X	X
Fire Partition	X	1HR	X	W13/A4	WP 3510	X	X
Smoke Barrier Separation	X	X	X	X	X	X	X

NOTE:

* Indicate section number permitting reduction

LIFE SAFETY REQUIREMENTS

Emergency Lighting: ☐ NO ☒ YES
Exit Signs: ☐ NO ☒ YES
Fire Alarm: ☐ NO ☒ YES
Smoke Detection System: ☐ NO ☒ YES
Panic Hardware: ☒ NO ☐ YES

EXIT REQUIREMENTS
NUMBER AND ARRANGEMENT OF EXITS

BUILDING ELEMENTS	MINIMUM NUMBER OF EXITS: REQUIRED	MINIMUM NUMBER OF EXITS: SHOWN ON PLANS	TRAVEL DISTANCE: ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	TRAVEL DISTANCE: ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	ARRANGEMENT MEANS OF EGRESS (1007.1.1): REQ'D MIN. DISTANCE BETWEEN EXIT DOORS	ARRANGEMENT MEANS OF EGRESS (1007.1.1): ACTUAL DISTANCE SHOWN ON PLANS
BUSINESS	2	2	200	105	46	60
RESIDENTIAL	2	2	200	45	31	54
STORAGE TK BAYS	1	2	200	115	50	90
STORAGE WASH BAY	1	2	200	36	28	30

NOTE:

EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(a) AREA[1] sq. ft.	(b) AREA PER OCCUPANT (1004.1.2)	(c) EGRESS WIDTH PER OCCUPANT (SEC. 1005): STAIR	(c) LEVEL	EXIT WIDTH (in.)[2,3,4,5,6] REQUIRED WIDTH (SEC 1005) (a/b) x c: STAIR	REQUIRED WIDTH: LEVEL	ACTUAL WIDTH SHOWN ON PLANS: STAIR	ACTUAL WIDTH SHOWN ON PLANS: LEVEL
BUSINESS	3650	100	X	.2	X	8	X	72
RESIDENTIAL	1690	200	X	.2	X	2	X	72
STORAGE TK BAYS	4240	200	X	.2	X	5	X	72
STORAGE WASH BAY	1145	200	X	X	X	2	X	72

[1] See Table 1003.2.2.2 to determine whether net or gross area is applicable. See definition "Area Gross" and "Area, Net" (Section 1002)
[2] The sprinkler increase per Section 506.3 is as follows:
c. Multi-story building I_S = 200 percent
c. Single-story building I_S = 300 percent
[3] Min. stairway width (Section 1003.3.3); min. corridor width (Sec. 1004.3.2.2); min. door width (Secton 1003.3.1)
[4] Minimum width of exit passageway (Section 1005.3.3)
[5] The loss of one means of egress shall not reduce the available capacity to less than 50% of the total required (Section 1003.2.3)
[6] Assembly occupancies (Section 1008)

SPECIAL APPROVAL: (Local Jurisdiction, Department of Insurance, SBCCI, ICC, etc., describe below)
SPECIAL1 City of Brevard – Unified Development Ordinance
SPECIAL2
SPECIAL3

ENERGY REQUIREMENTS:

CLIMATE ZONE: ☐ 3 ☒ 4 ☐ 5
METHOD OF COMPLIANCE: Prescriptive ☒ Performance ☐ Energy Cost Budget ☐

Roof/ceiling Assemblies:
Description of assembly: TYPICAL: NEW LAYIN CEILING TILE, 12" AIR SPACE, 5/8" GYPSUM BOARD CEILING SECURED TO WD. TRUSSES, W/ R-38 (12" THK) FIBERGLASS BATT INSULATION.
LOBBY CLG: NEW 5/8" GYPSUM BOARD CEILING SECURED TO WD. RAFTER, W/ R-38 (10 1/4" THK) FIBERGLASS BATT INSULATION.
U-Value of total assembly: TYPICAL: U-0.024 LOBBY: 0.025
R-Value of insulation: R-38.0
Skylights (U-Value & total area in assembly): None

Exterior Wall Assemblies:
Description of assembly:
WOOD FRAME: U-Value of total assembly: U-0.039
AT BRICK VENEER: 4" BRICK VENEER, 1' AIR SPACE, W/ BLDG. WRAP ON 1/2" CDX SHEATHING ON 2X6 STUDS AT 24" O/C W/ 5-1/2" FIBERGLASS BATTS (R-20) W/ V.B. AND 5/8" GYP. BD. FINISH,
WOOD FRAME: U-Value of total assembly: U-0.043
AT FIBER CEMENT SIDING: FIBER CEMENT LAP SIDING ON BLDG. WRAP ON 1/2" CDX SHEATHING ON 2X6 STUDS AT 24" O/C W/ 5-1/2" FIBERGLASS BATTS (R-20) W/ V.B. AND 5/8" GYP. BD. FINISH,
CONCRETE MASONRY UNITS CMU: U-Value of total assembly: U-0.083
AT BRICK VENEER: 4" BRICK VENEER, 1' AIR SPACE, W/ 1-1/2" (R-7.5) ON CMU W/ DAMP PROOFING (SEE SPECS.),
CONCRETE MASONRY UNITS CMU: U-Value of total assembly: U-0.089
AT FIBER CEMENT SIDING: FIBER CEMENT LAP SIDING ON BLDG. WRAP ON 1/2" CDX SHEATHING ON 3/4" EXT. POLYSTYRENE INSUL. BD (R-3.75) ON P.T. 2X4 STUD FURRING AT 24" O/C W/ 1-1/2" (R-7.5) INSTALLED BETWEEN FURRING ON CMU W/ DAMP PROOFING (SEE SPEC).

Openings (windows, doors w/ glazing):
U-Value of glazing assembly: Fixed Glazing 0.45; Doors 0.77
Solar Heat Gain Coefficient: 0.33
Projection factor: .45
Door R-Values: opaque door-2.0 garage door-4.0
Walls adjacent to unconditioned space: (None)
Walls below grade Assembly:
Description of assembly:
U-Value of total assembly: N/A
R-Value of insulation: N/A
Floors over unconditioned space: (None)
Description of assembly: N/A
U-Value of total assembly: N/A
R-Value of insulation: N/A
Floors, slab on grade:
Description of assembly: Concrete Slab on Grade w/ 3" ext. polystyrene (R-15)
U-Value of total assembly: N/A
R-Value of insulation: 15.0
Horizontal/Vertical requirement: installed Horizontal
Slab heated: No

File: C:/Rick/Blocks/App-b 2002.dwg

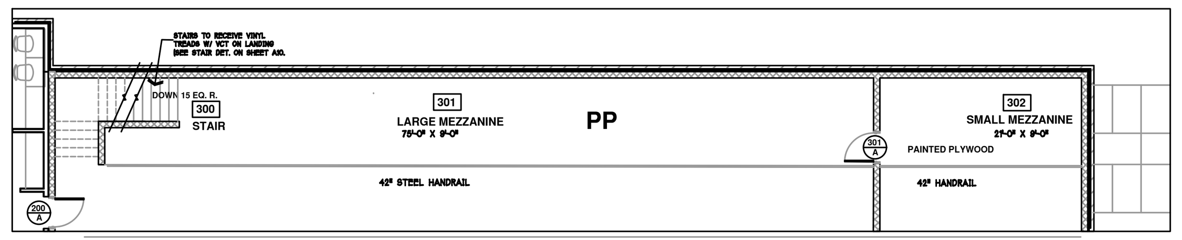
FILE NAME: RLW98.dwg

RICHARD L. WORLEY
ARCHITECT A.I.A.
4078 HAYWOOD ROAD – MILLS RIVER, NORTH CAROLINA 28759

A NEW PROJECT FOR
TRANSYLVANIA COUNTY
EMERGENCY SERVICES BASE
TRANSYLVANIA COUNTY, NC

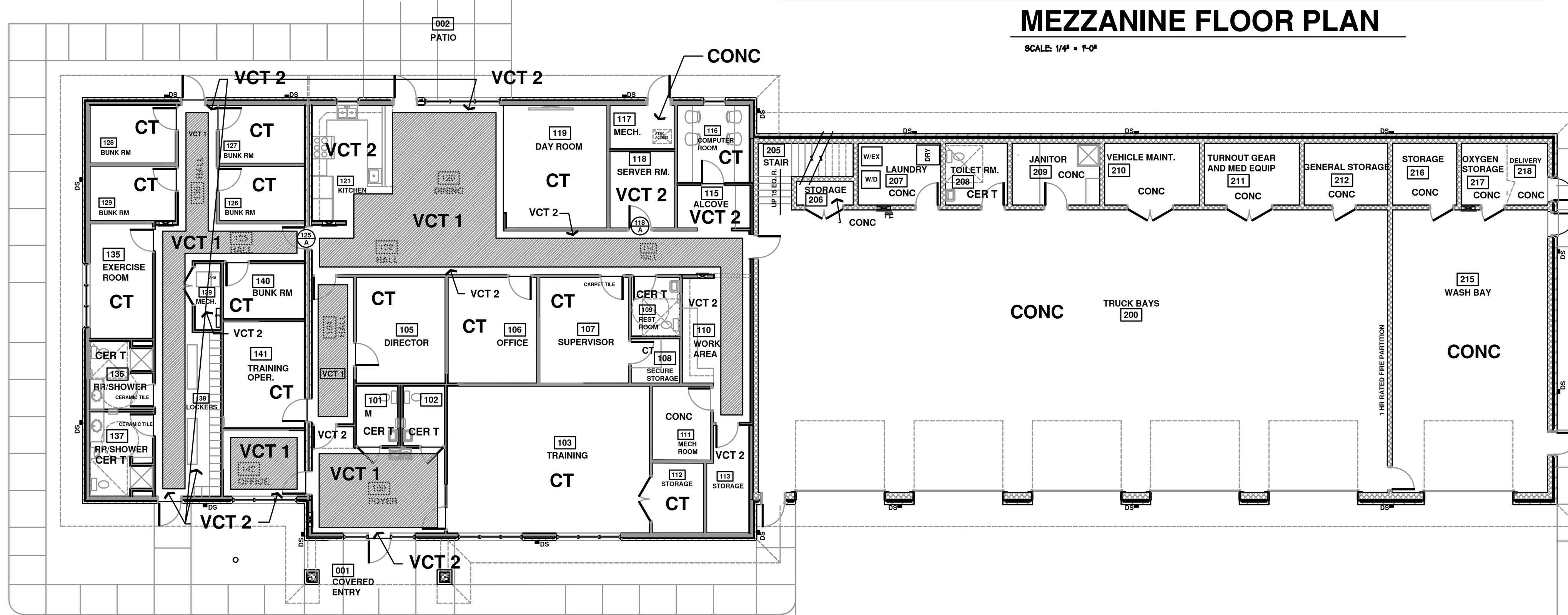
DATE 21 SEP 2022

SHEET TS



MEZZANINE FLOOR PLAN

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



FLOOR FINISH PLAN

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

FLOOR FINISH DESIGNATIONS:

VCT 1: SPECIFIC COLOR OF VINYL COMPOSITION TILE TYPICALLY SHOWN AS MAJOR FIELD TILE - (SEE VCT SPEC)	VCT 1
VCT 2: SPECIFIC COLOR OF VINYL COMPOSITION TILE TYPICALLY SHOWN AS BORDER FIELD TILE - (SEE VCT SPEC)	VCT 2
CARPET TILES: (SEE CARPET TILE SPEC)	CT
CERAMIC TILE: (SEE CERAMIC TILE SPEC)	CER T
CONCRETE: W/ SEALER (SEE CONCRETE SPEC)	CONC
PAINTED PLYWOOD: (SEE PAINT SPEC)	PP

LIFE SAFETY PLAN GENERAL NOTES:

A. BUILDING DESIGN INCLUDES:

1. PORTABLE FIRE EXTINGUISHERS CABINETS ONLY. OWNER TO PROVIDE EXTINGUISHERS. COORDINATE WALL THICKNESS AND EXACT LOCATION WITH FIRE MARSHALL, OTHER TRADES AND OWNER PRIOR TO INSTALLING.
2. FIRE ALARM SYSTEM WITH SMOKE DETECTORS.
3. INTERIOR EMERGENCY LIGHTING
4. EXTERIOR EMERGENCY LIGHTING AT EXIT DOORS.
5. EXIT SIGNS

B. BUILDING OCCUPANCY INCLUDES BUSINESS (B), RESIDENTIAL (R-2) AND STORAGE (S-1) OCCUPANCIES. EACH OCCUPANCY IS SEPARATED FIRE RATED PARTITIONS (1HR AND 2HR ASSEMBLIES- SEE PLANS).

C. OCCUPANCY LOAD: REFER TO SHEET TS FOR APPENDIX "B".

LIFE SAFETY PLAN LEGEND:

EGRESS PATH

EXIT SIGN

FIRE EXTINGUSHER FE

EMERGENCY LIGHTING

EXTERIOR EMERG. LIGHTING

EMERGENCY LIGHTING BE

EMERGENCY LIGHTING DE

AREA SUMMARY

VEHICLE GARAGE		SQUARE FOOTAGE
TRUCK BAY		4240 SF
MEZZANINE	832 SF	
WASH BAY		1145 SF
MEZZANINE	212 SF	
ADMINISTRATION AREA		
OFFICES/TRAINING/DAYROOM		3650 SF
BUNK AREA/SHOWERS		1690 SF
	TOTAL	10,725 SF

LIFE SAFETY REQUIREMENTS

Emergency Lighting:	☐ NO	☒ YES
Exit Signs:	☐ NO	☒ YES
Fire Alarm:	☐ NO	☒ YES
Smoke Detection System:	☐ NO	☒ YES
Panic Hardware:	☒ NO	☐ YES

EXIT REQUIREMENTS

NUMBER AND ARRANGEMENT OF EXITS

BUILDING ELEMENTS	MINIMUM NUMBER OF EXITS		TRAVEL DISTANCE		ARRANGEMENT MEANS OF EGRESS (1007.1.1)	
	REQUIRED	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQ'D MIN. DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS
BUSINESS	2	2	200	105	46	60
RESIDENTIAL	2	2	200	45	31	54
STORAGE TK BAYS	1	2	200	115	50	90
STORAGE WASH BAY	1	2	200	36	28	30

NOTE:

EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(a)	(b)	(c)		EXIT WIDTH (in.)[2,3,4,5,6]			
	AREA[1] sq. ft.	AREA PER OCCUPANT (1004.1.2)	EGRESS WIDTH PER OCCUPANT (SEC. 1005)		REQUIRED WIDTH (SEC 1005) (a/b) x c		ACTUAL WIDTH SHOWN ON PLANS	
			STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
BUSINESS	3650	100	X	.2	X	8	X	72
RESIDENTIAL	1690	200	X	.2	X	2	X	72
STORAGE TK BAYS	4240	200	X	.2	X	5	X	72
STORAGE WASH BAY	1145	200	X	X	X	2	X	72

[1] See Table 1003.2.2.2 to determine whether net or gross area is applicable. See definition "Area Gross" and "Area, Net" (Section 1002)

[2] The sprinkler increase per Section 506.3 is as follows:
c. Multi-story building Is = 200 percent
c. Single-story building Is = 300 percent

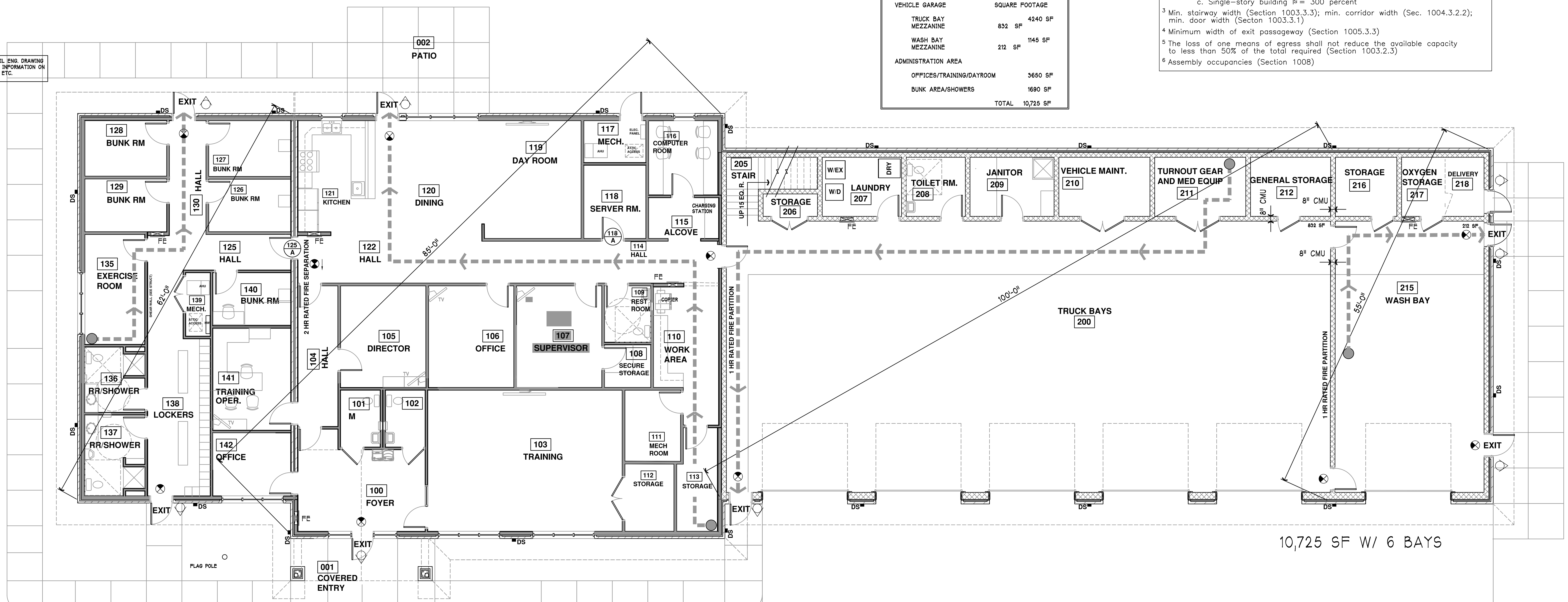
[3] Min. stairway width (Section 1003.3.3); min. corridor width (Sec. 1004.3.2.2); min. door width (Secton 1003.3.1)

[4] Minimum width of exit passageway (Section 1005.3.3)

[5] The loss of one means of egress shall not reduce the available capacity to less than 50% of the total required (Section 1003.2.3)

[6] Assembly occupancies (Section 1008)

NOTE: SEE CIVIL ENG. DRAWING FOR DETAILED INFORMATION ON PATIO, WALKS, ETC.



10,725 SF W/ 6 BAYS

LIFE SAFETY PLAN

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

RICHARD L. WORLEY
ARCHITECT A.I.A.
4078 HAYWOOD ROAD – MILLS RIVER, NORTH CAROLINA 28759

A NEW PROJECT FOR TRANSYLVANIA COUNTY
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TRANSYLVANIA COUNTY, NC

DATE 21 SEP 2022

SHEET LS

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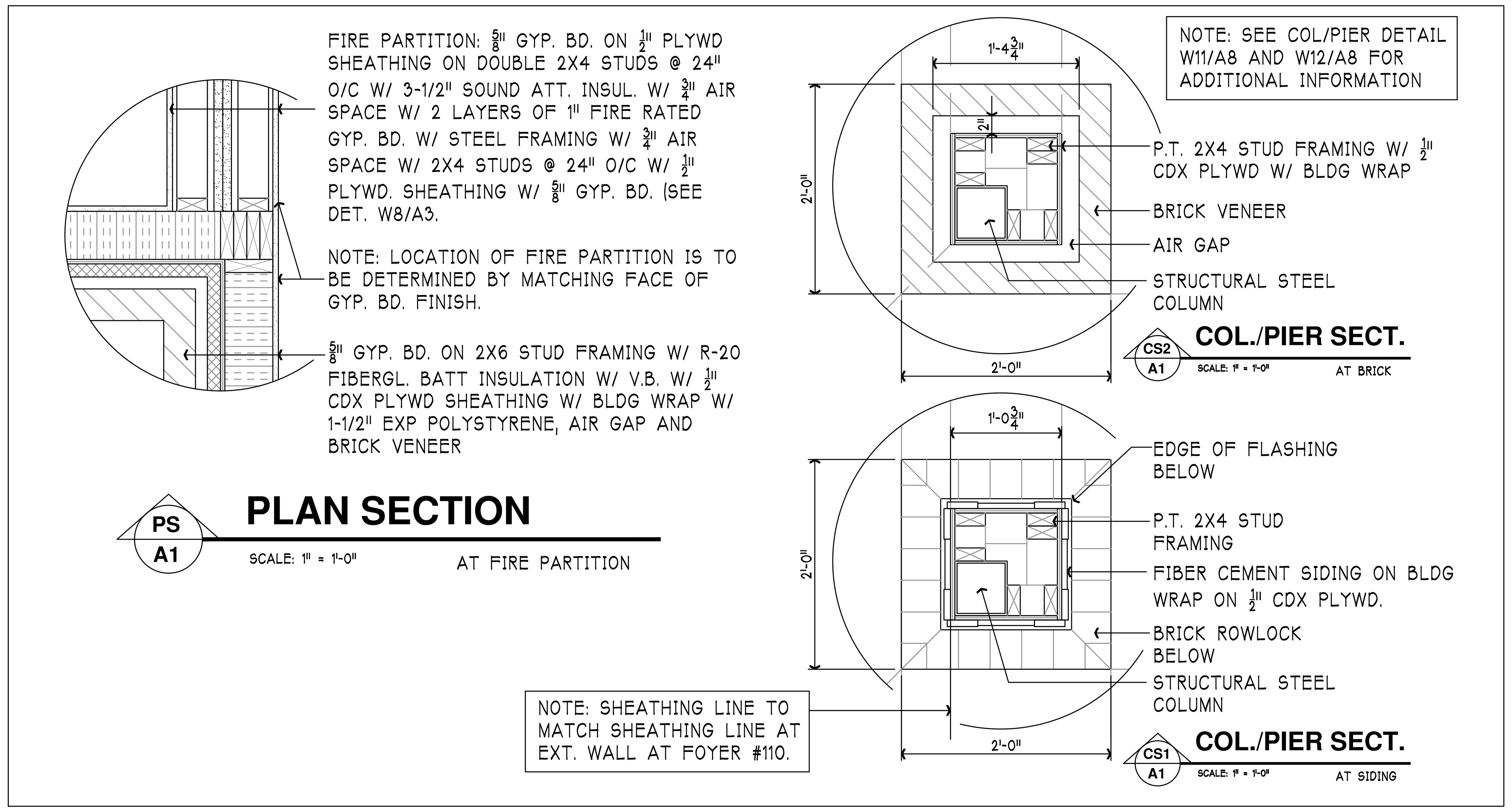

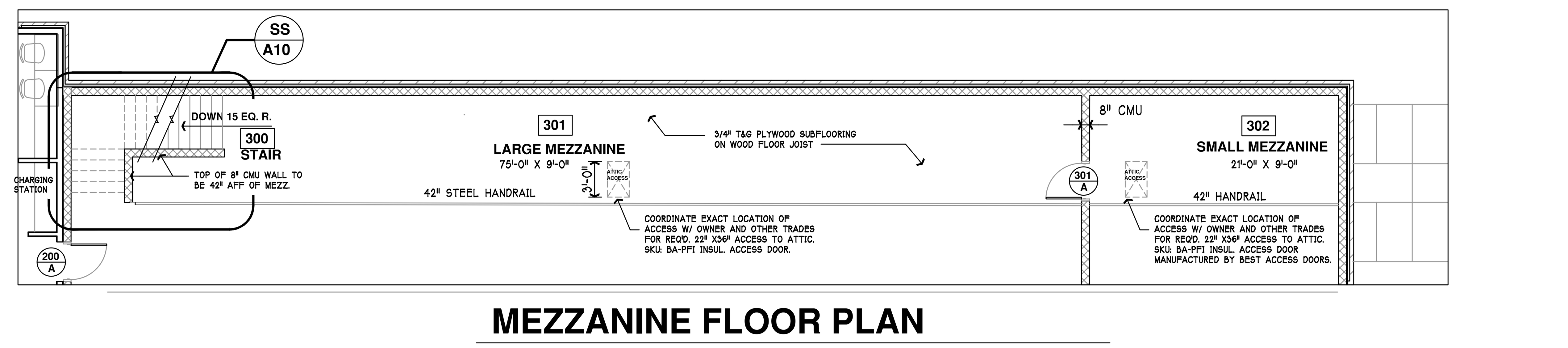

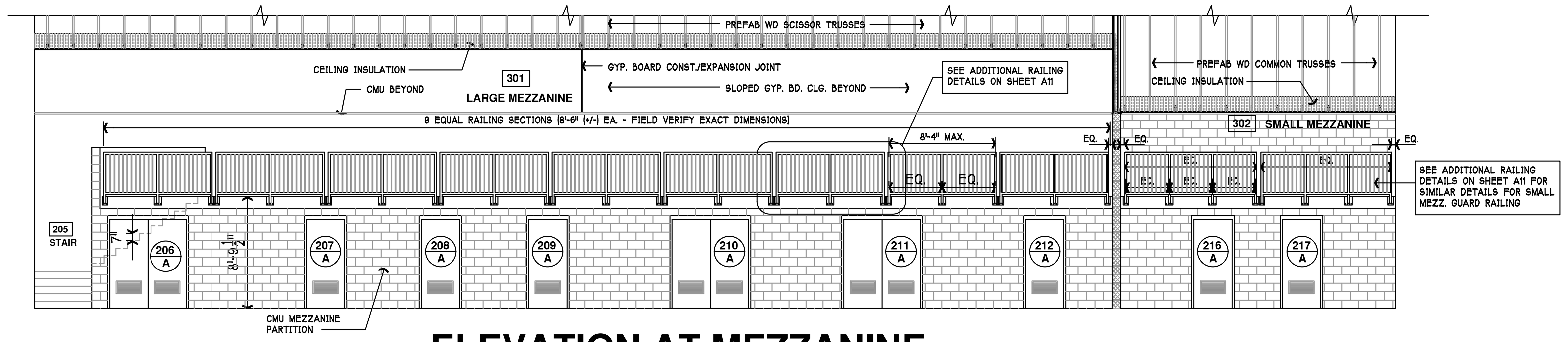

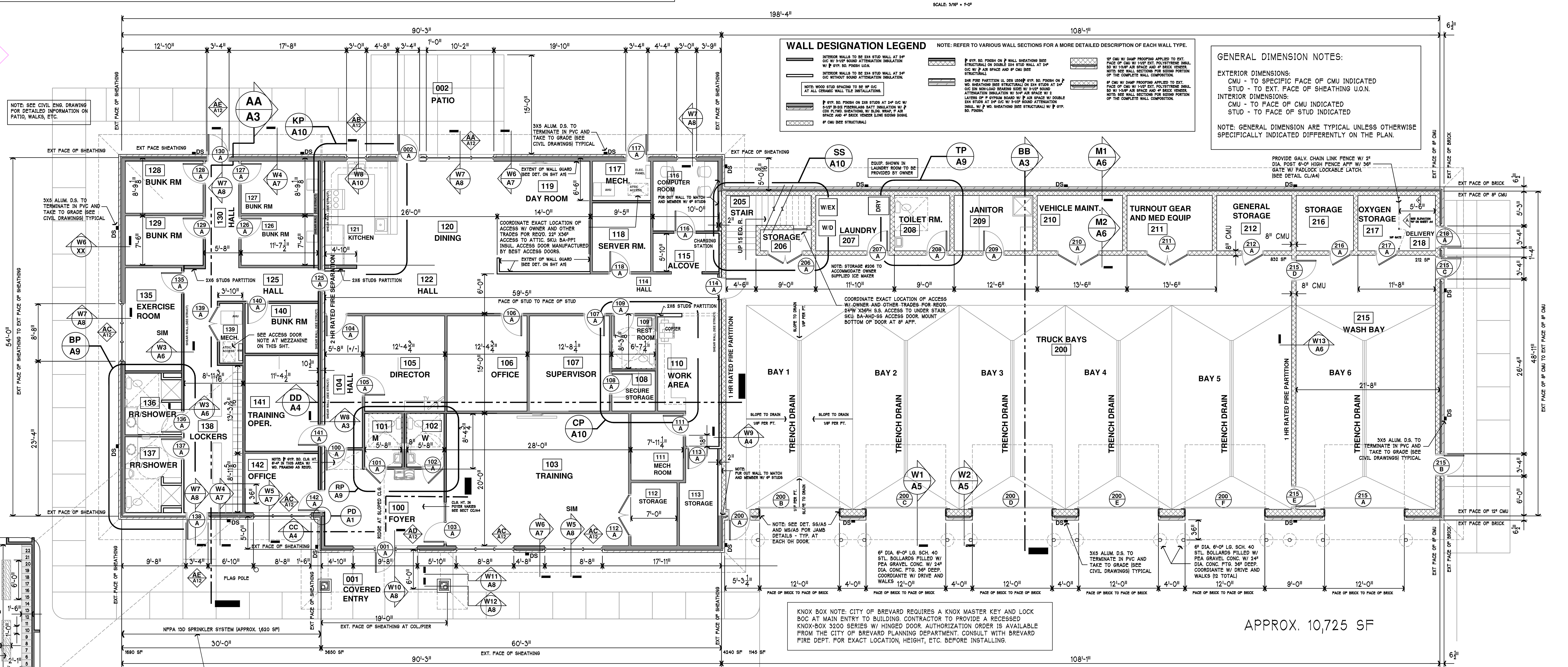

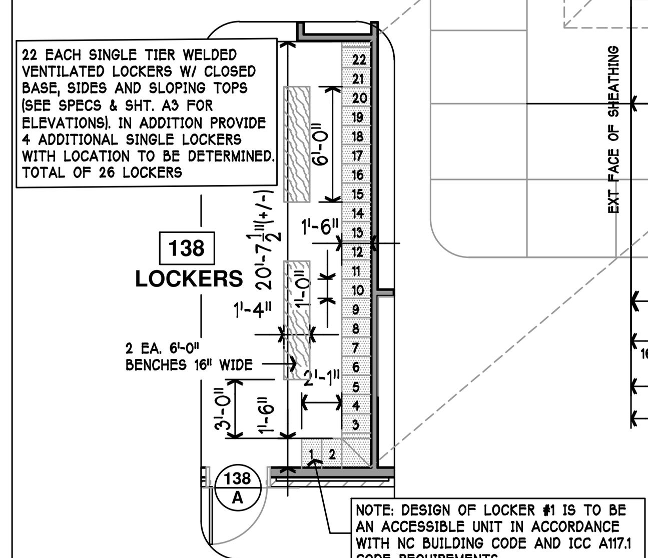

LOCKER PLAN

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

FIRE SPRINKLER:

1. PROVIDE A 13D SPRINKLER SYSTEM UNDER A DELEGATED DESIGN TO THE GENERAL CONTRACTOR. THE DESIGN IS TO BE IN STRICT ACCORDANCE WITH NC BUILDING CODES AND NFPA REQUIREMENTS AS ADOPTED BY THE STATE OF NORTH CAROLINA. ALL DESIGN AND INSTALLATION IS TO BE COORDINATED WITH ALL TRADES, APPROVED BY THE LOCAL FIRE MARSHALL AND THE OWNERS.

MAIN BUILDING FLOOR PLAN

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

SIGNAGE:

1. PROVIDE SIGNAGE FOR ALL DESIGNATED PERMANENT ROOMS AND SPACES, EXITS, SAFETY DEVICES, MANUAL MECHANISMS, FIRE EXTINGUISHERS, STAIRS, TOILETS, (4 EA.) FIRE EVACUATION PLANS (11" X 17" MIN.), ETC. AND MUST COMPLY WITH CHAPTER 11 OF THE NC BUILDING CODE AND ANSI A117.1-2009. OWNER TO PROVIDE FINAL SPACE NAMES DURING SHOP DRAWING REVIEW. ALL SIGN LOCATIONS TO BE VERIFIED WITH BLDG. INSPECTOR BEFORE INSTALLING.

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A NEW PROJECT FOR TRANSYLVANIA COUNTY

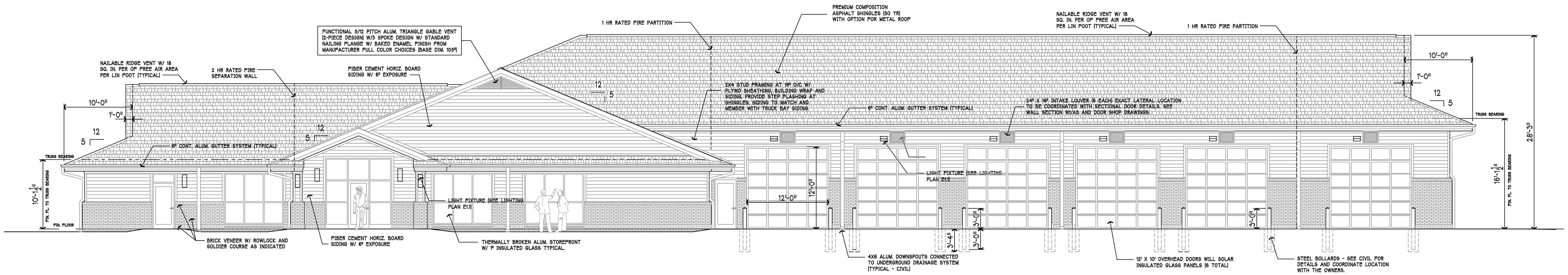
EMERGENCY SERVICES BASE

TRANSYLVANIA COUNTY, NC

DATE 21 SEP 2022

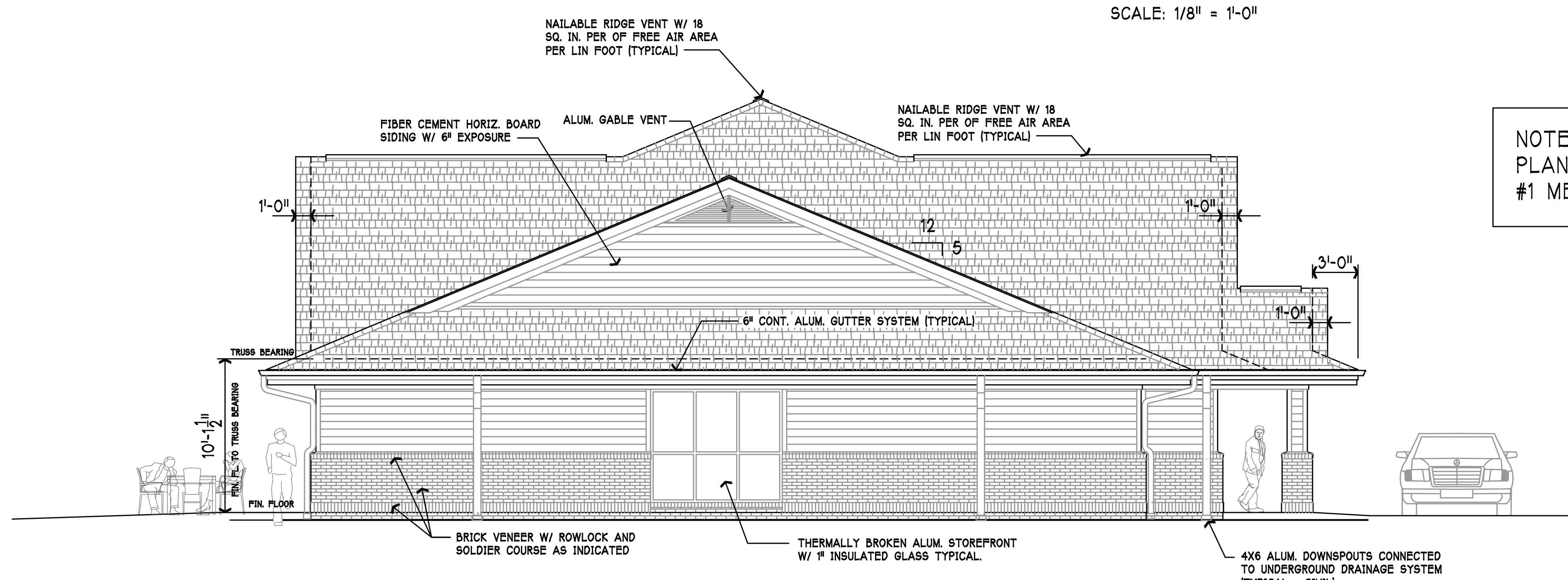
SHEET A1

FILE NAME: RLW98.dwg



MORRIS ROAD ELEVATION (SOUTH)

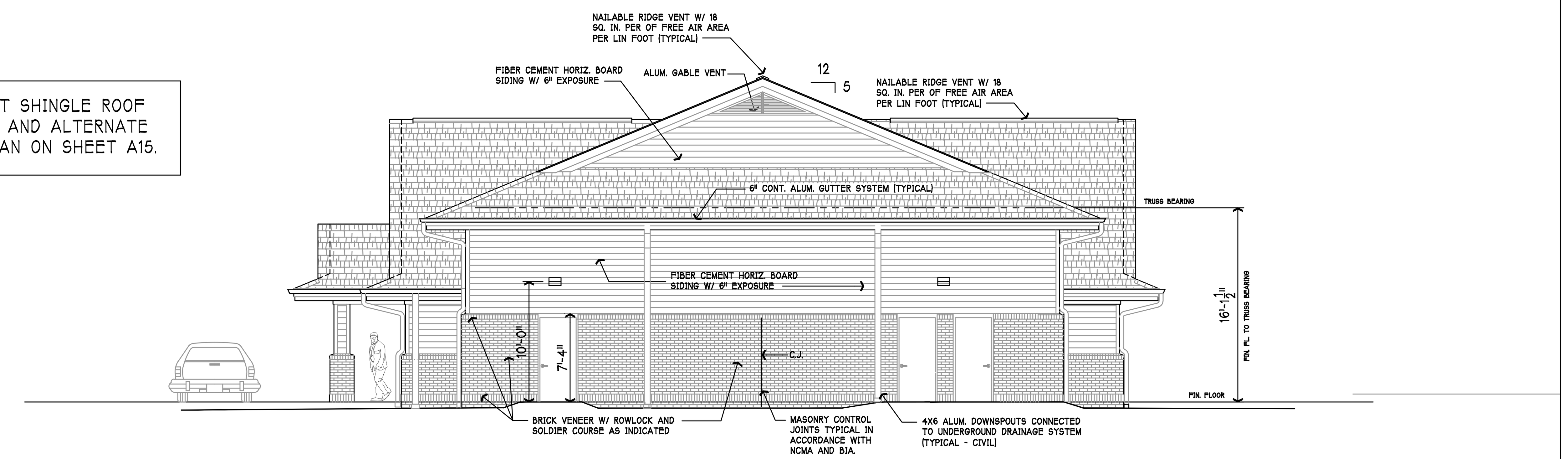
SCALE: 1/8" = 1'-0"



WEST ELEVATION

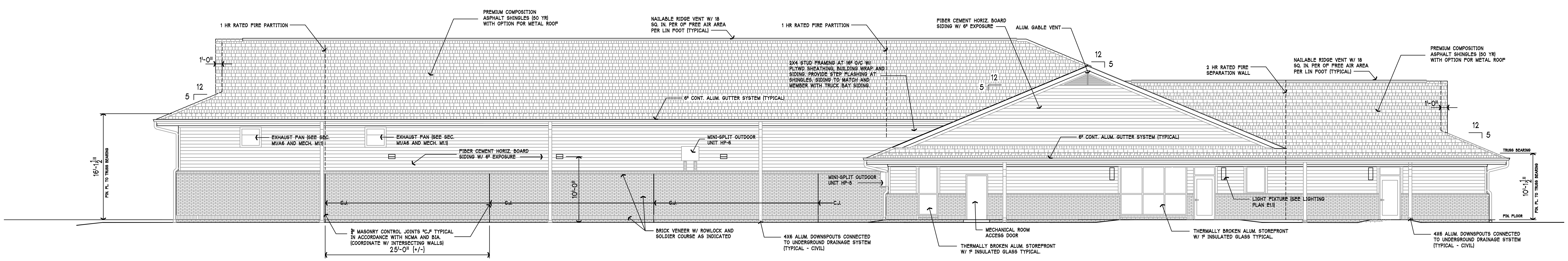
SCALE: 1/8" = 1'-0"

NOTE: SEE ASPHALT SHINGLE ROOF PLAN ON SHEET 13 AND ALTERNATE #1 METAL ROOF PLAN ON SHEET A15.



EAST ELEVATION

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



NORTH ELEVATION

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

FILE NAME: RLW98.dwg

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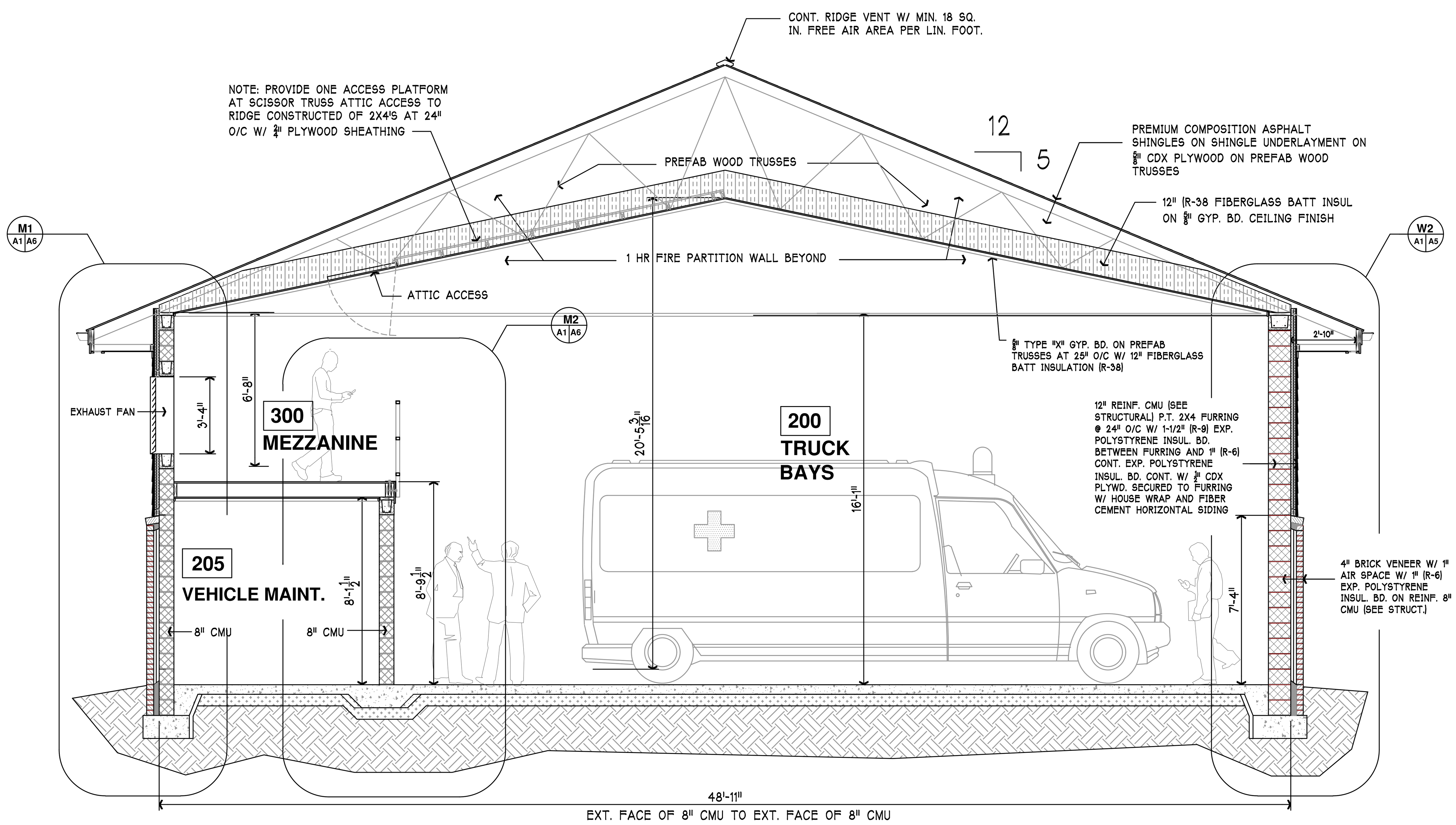
SHEET A2

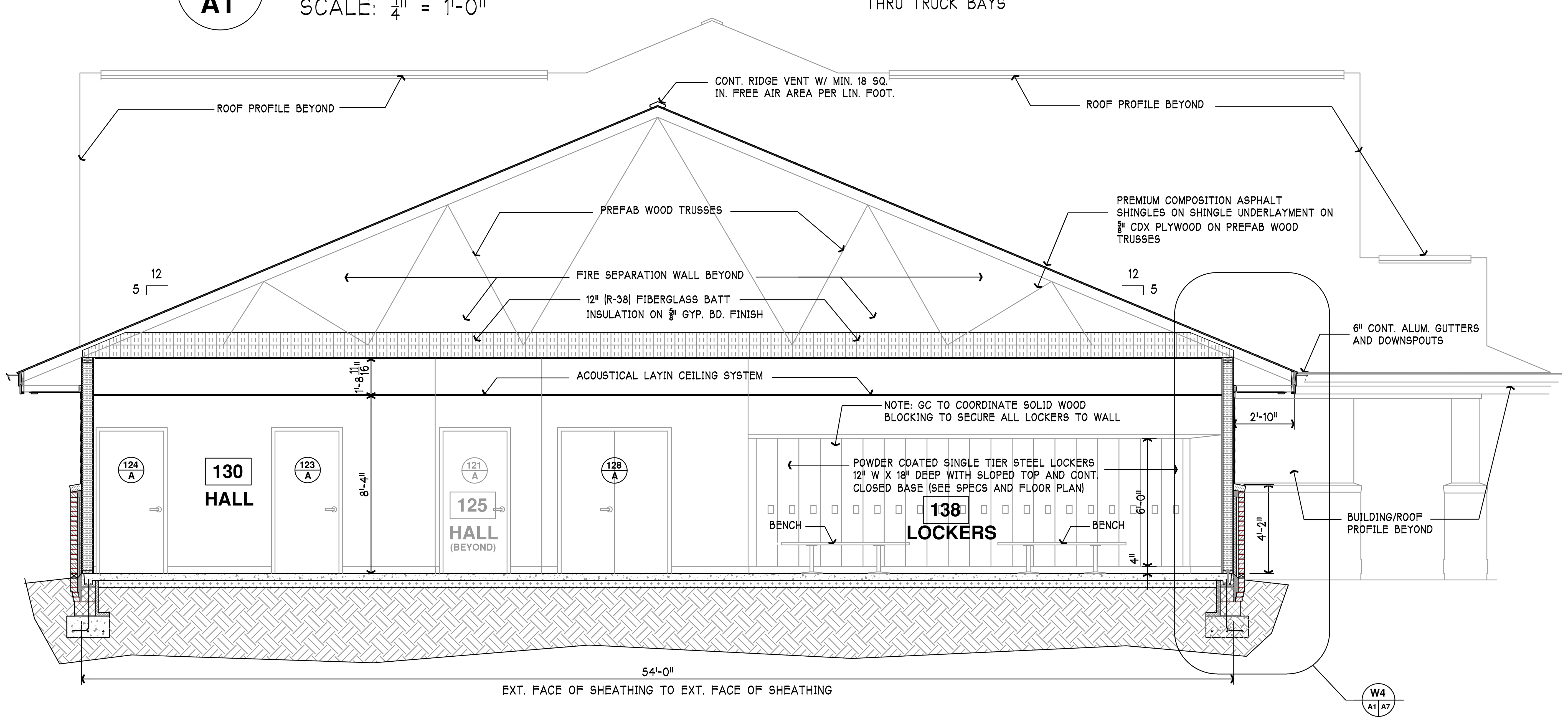


BUILDING CROSS-SECTION

BB
A1

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

THRU TRUCK BAYS

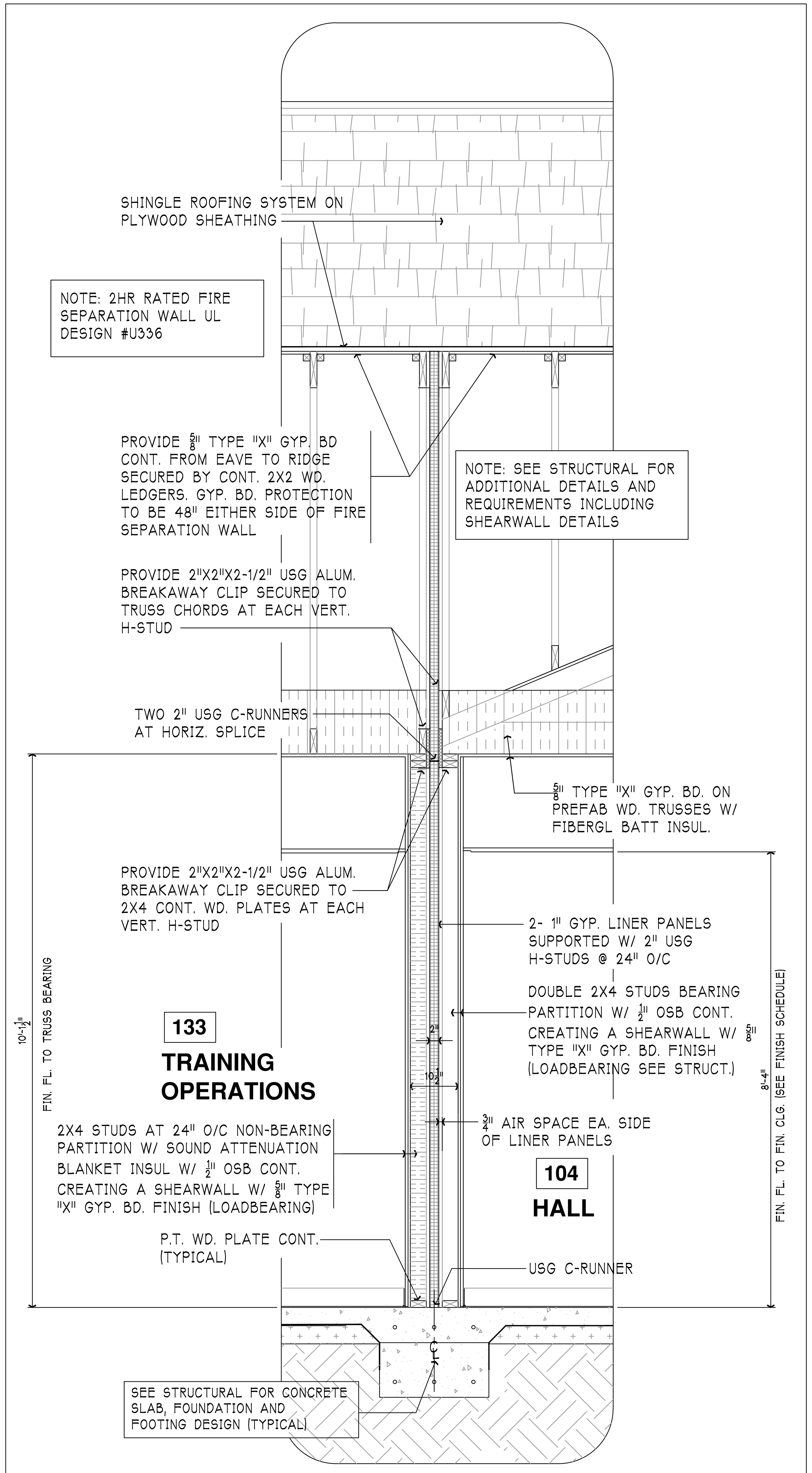


BUILDING CROSS-SECTION

AA
A1

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

THRU LOCKERS/BUND ROOMS



WALL SECTION

W8
A4 A1

SCALE 3/4" = 1'-0"

2 HR AREA SEPARATION WALL SYSTEM UL DES U336

FILE NAME: RLW98.dwg

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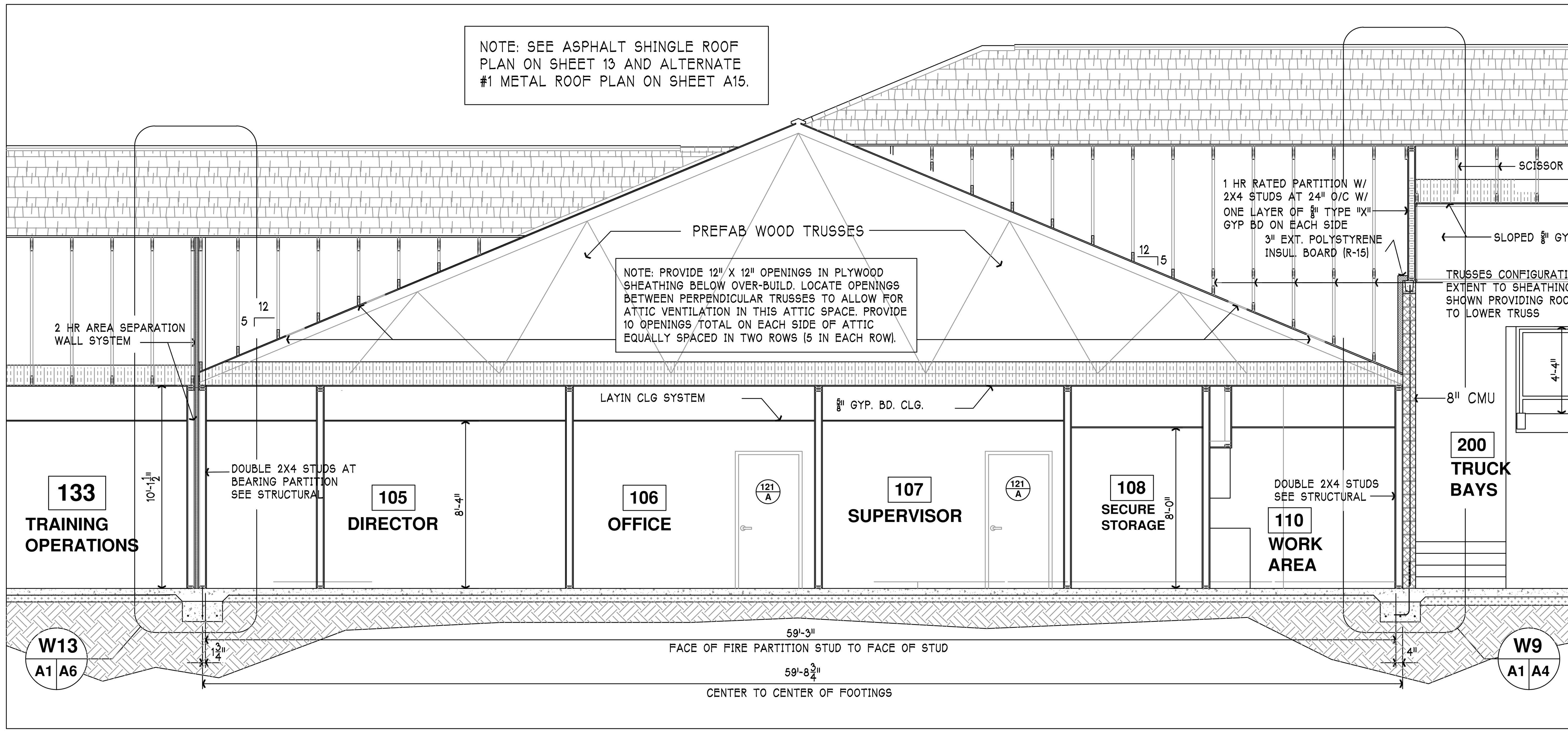
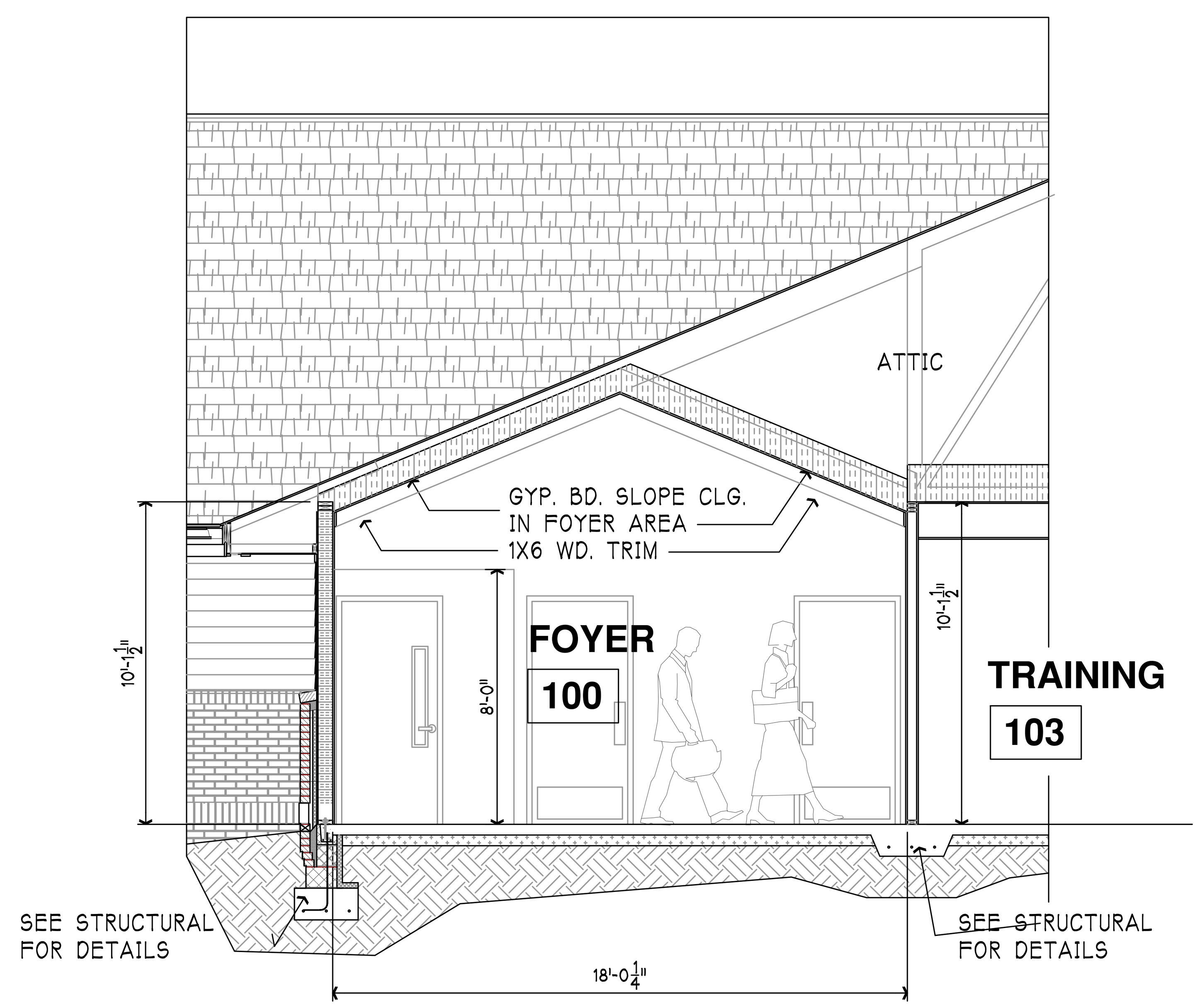
SHEET A3



BUILDING CROSS-SECTION

DD A1

SCALE 1/4" = 1'-0"



PARTIAL BLDG. SECTION

CC A1

SCALE 1/4" = 1'-0"

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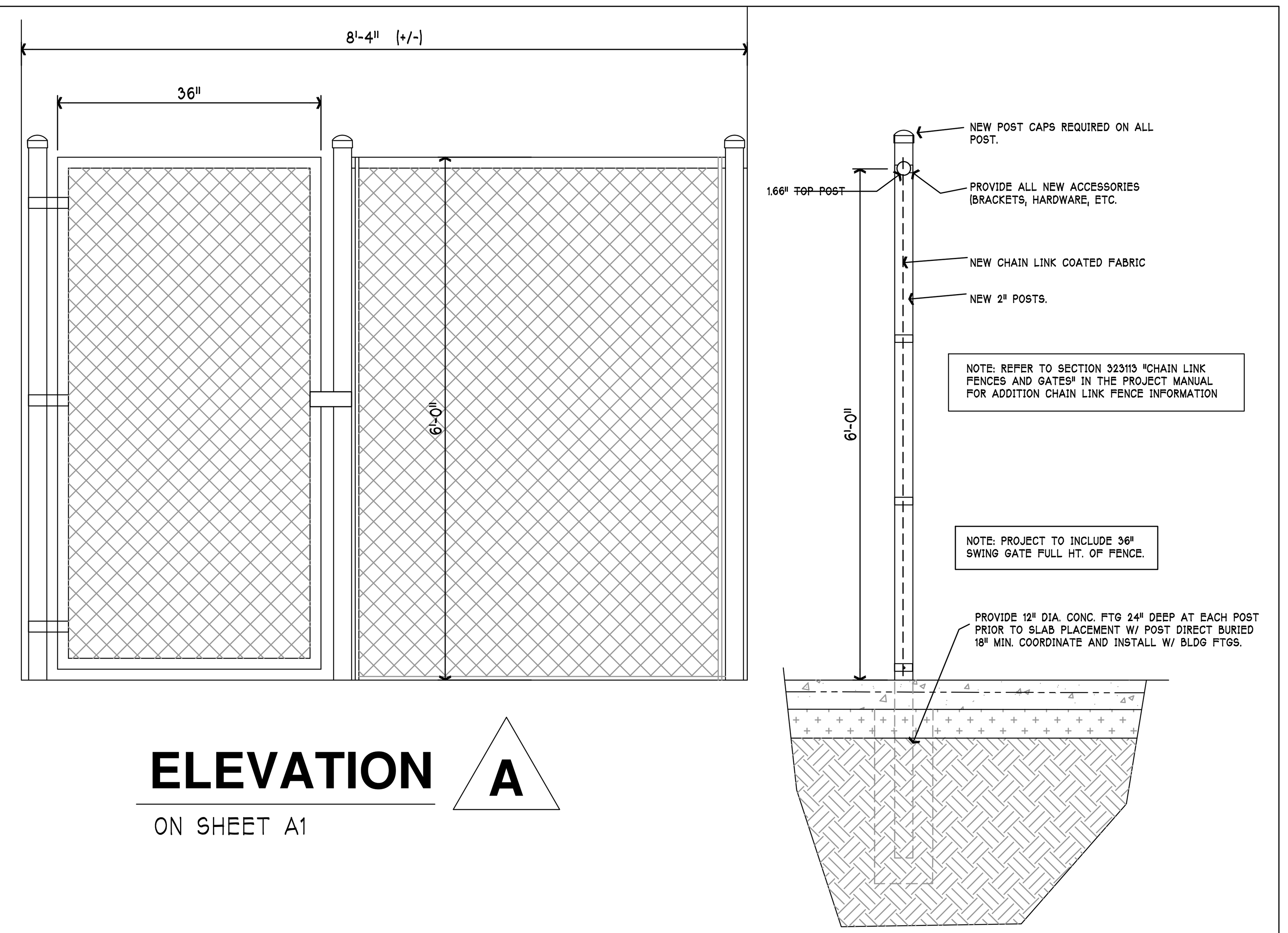


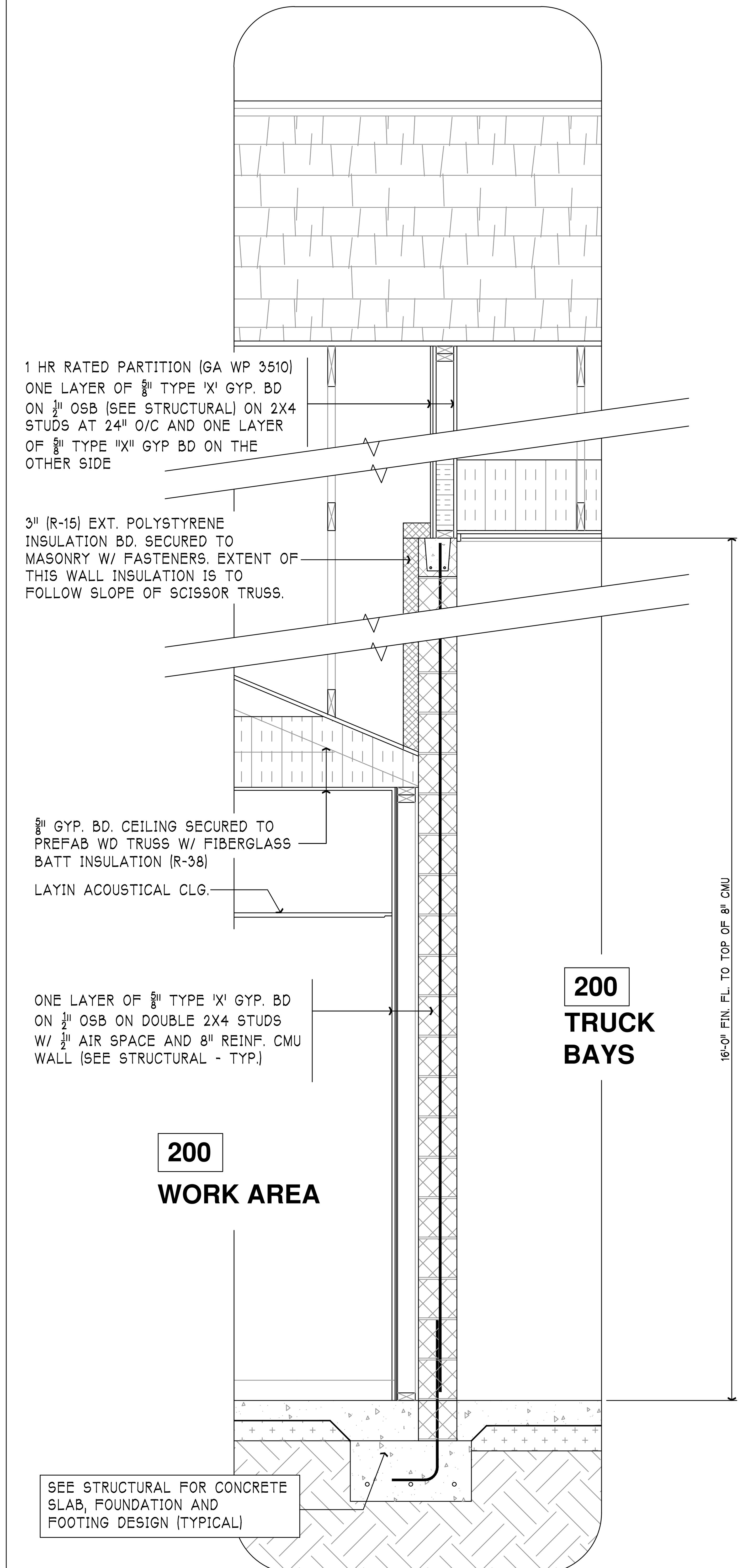
ELEVATION A

ON SHEET A1

CHAIN LINK FENCE/GATE

CL A1

SCALE: 3/4" = 1'-0" LOCATED BTW SPACES 217/218



FIRE PARTITION SECT

W9 A1 A4

SCALE: 3/4" = 1'-0" TYP EXT STUD WALL

FILE NAME: RLW98.dwg

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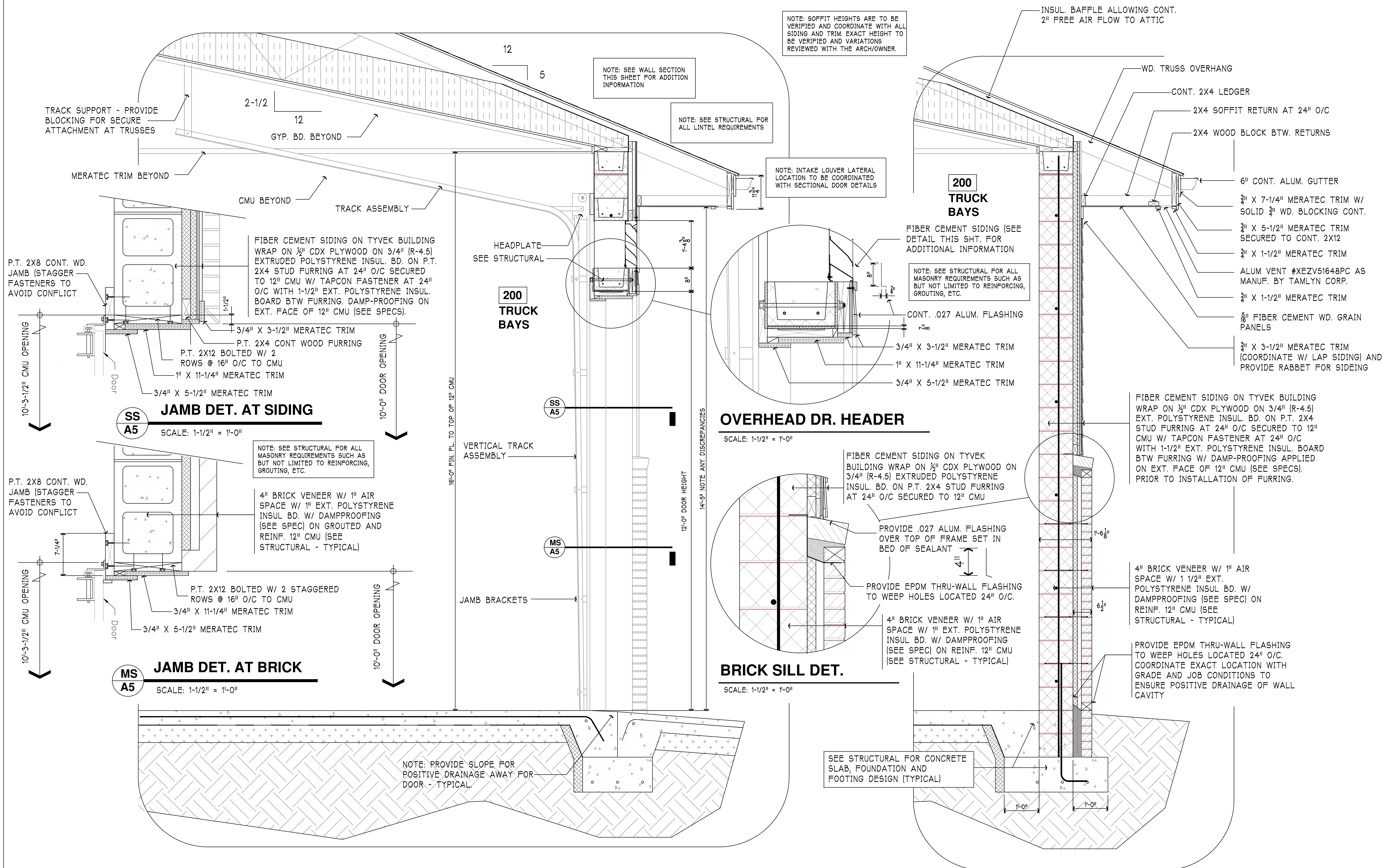
SHEET A4



WALL SECTION

W1 A1

SCALE: 3/4" = 1'-0" AT SECTIONAL DOOR

WALL SECTION

W2 A1

SCALE: 3/4" = 1'-0" AT 12" CMU WALL AT TRUCK BAYS

FILE NAME: RLW98.dwg

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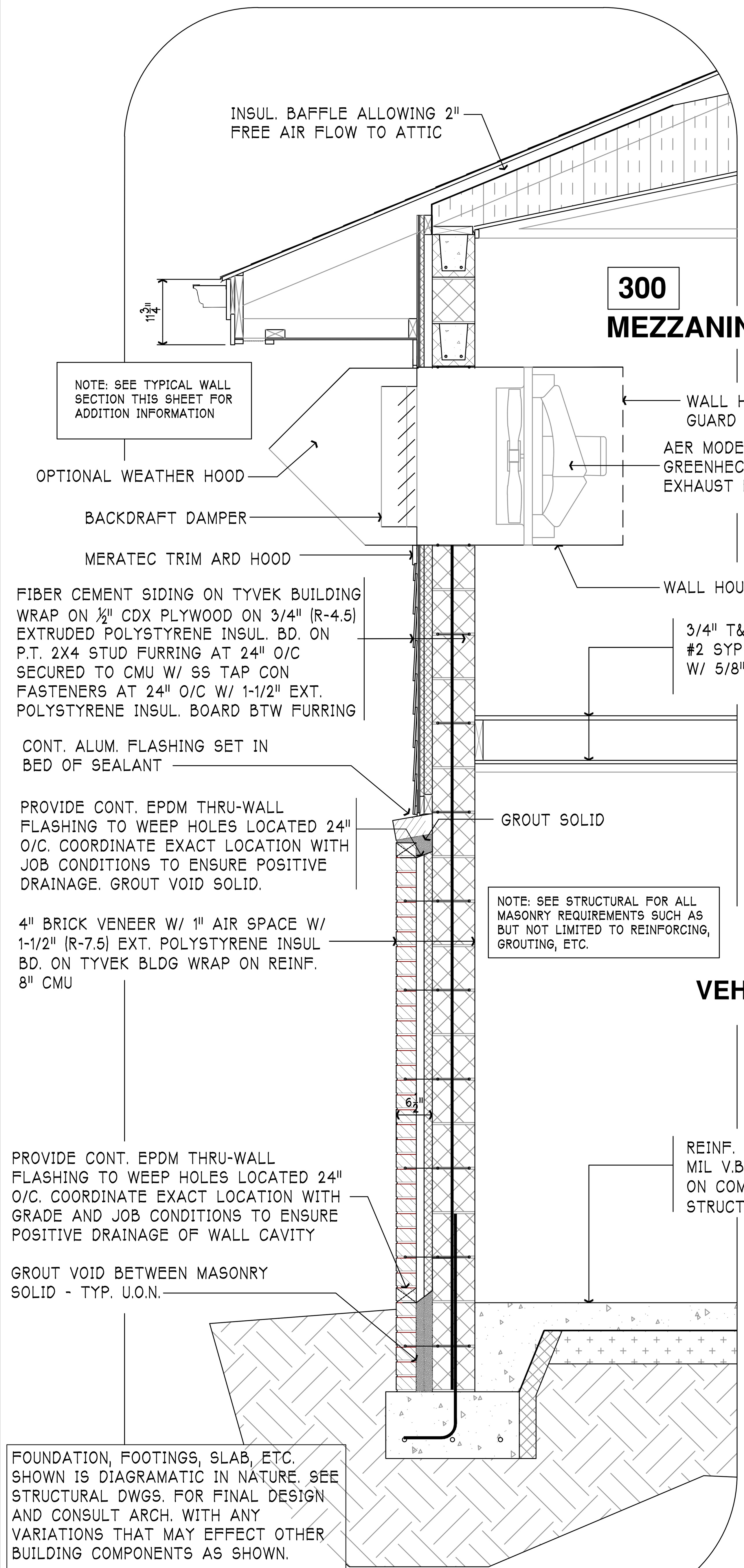
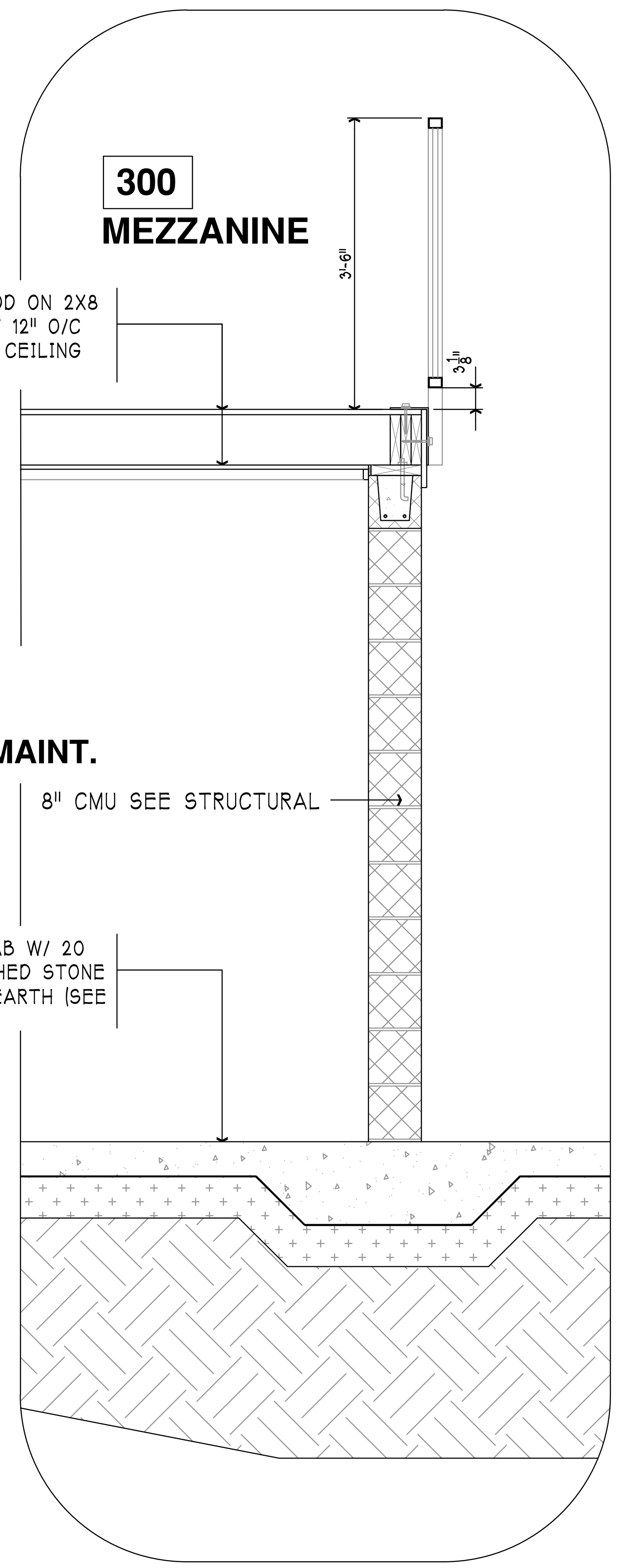
SHEET A5



M1 A1 A3

WALL SECTIONS

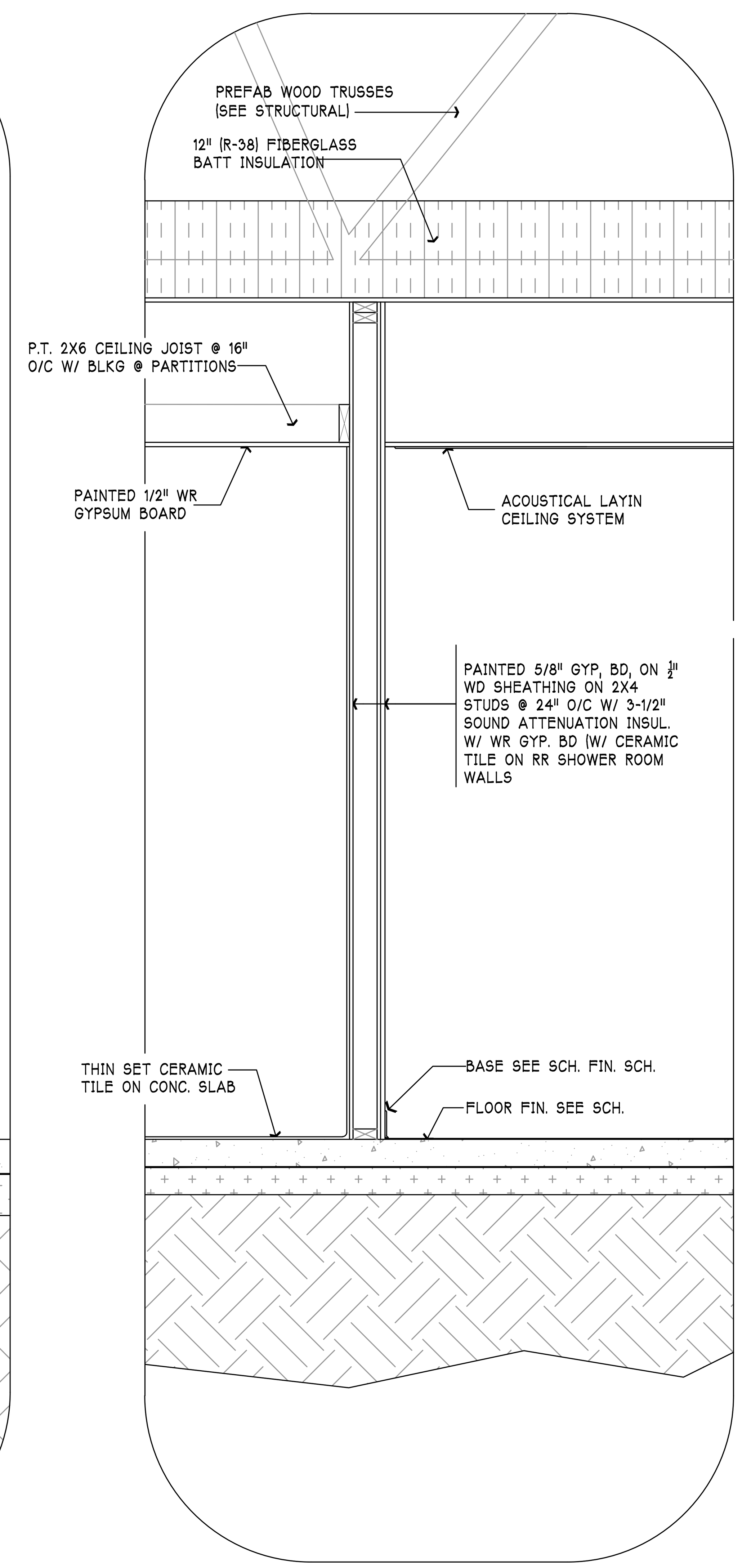
SCALE: ¾" = 1'-0" AT MEZZANINE



M2 A1 A3

WALL SECTIONS

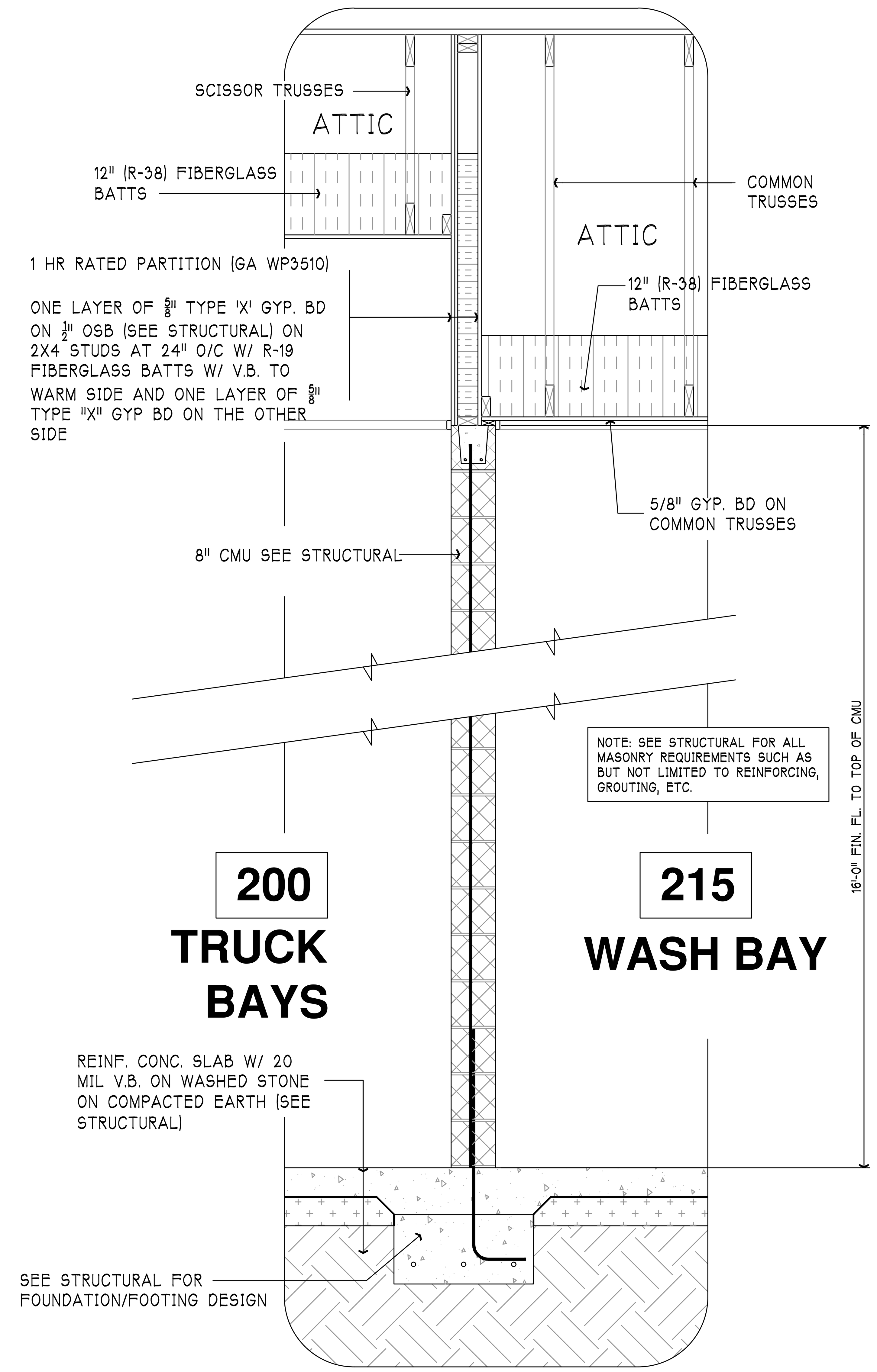
SCALE: ¾" = 1'-0" AT MEZZANINE RAILING



W3 A1

WALL SECTIONS

SCALE: ¾" = 1'-0" AT MEZZANINE RAILING



W13 A1

FIRE RATED PARTITION

SCALE: 3/4" = 1'-0" TYP EXT STUD WALL

FILE NAME: RLW98.dwg

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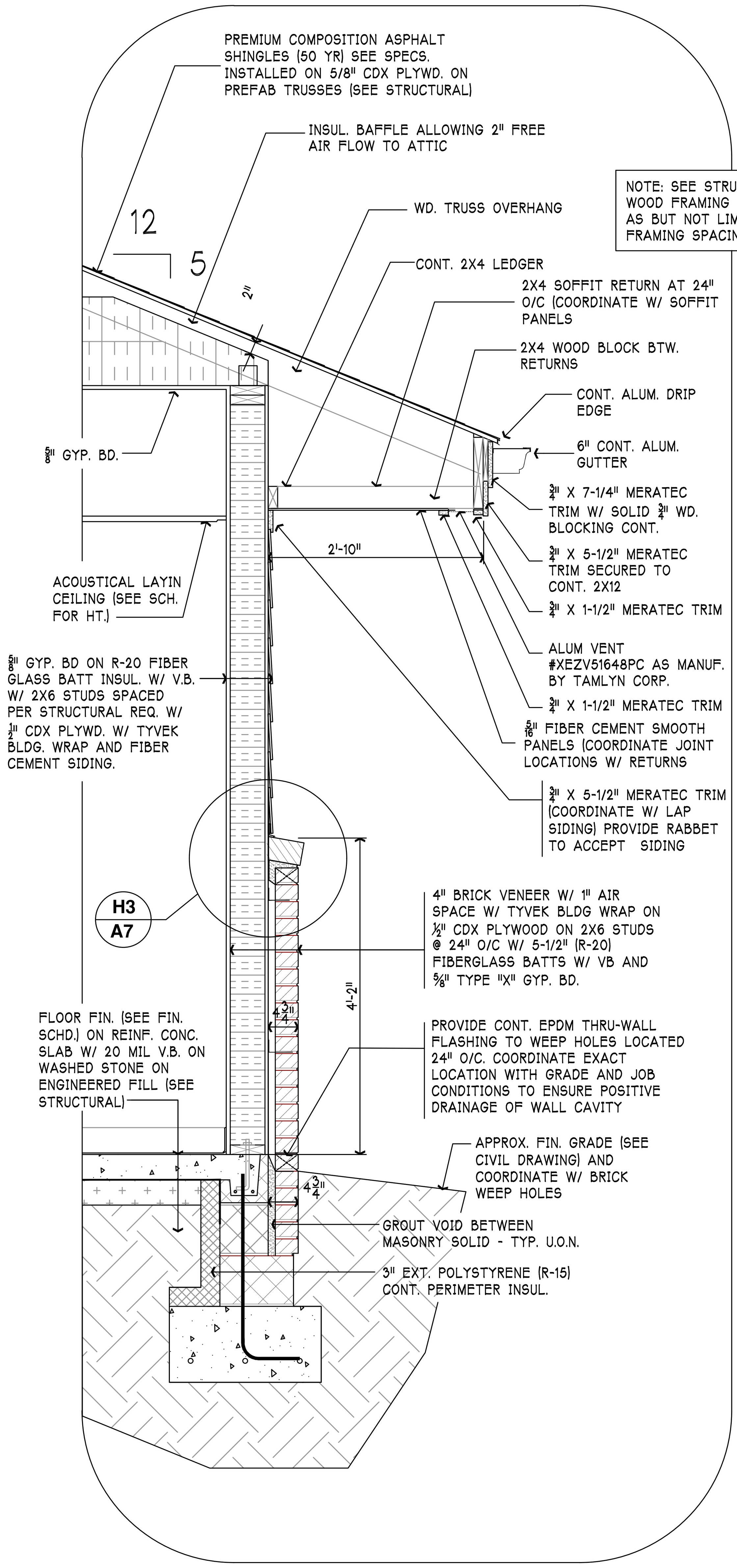
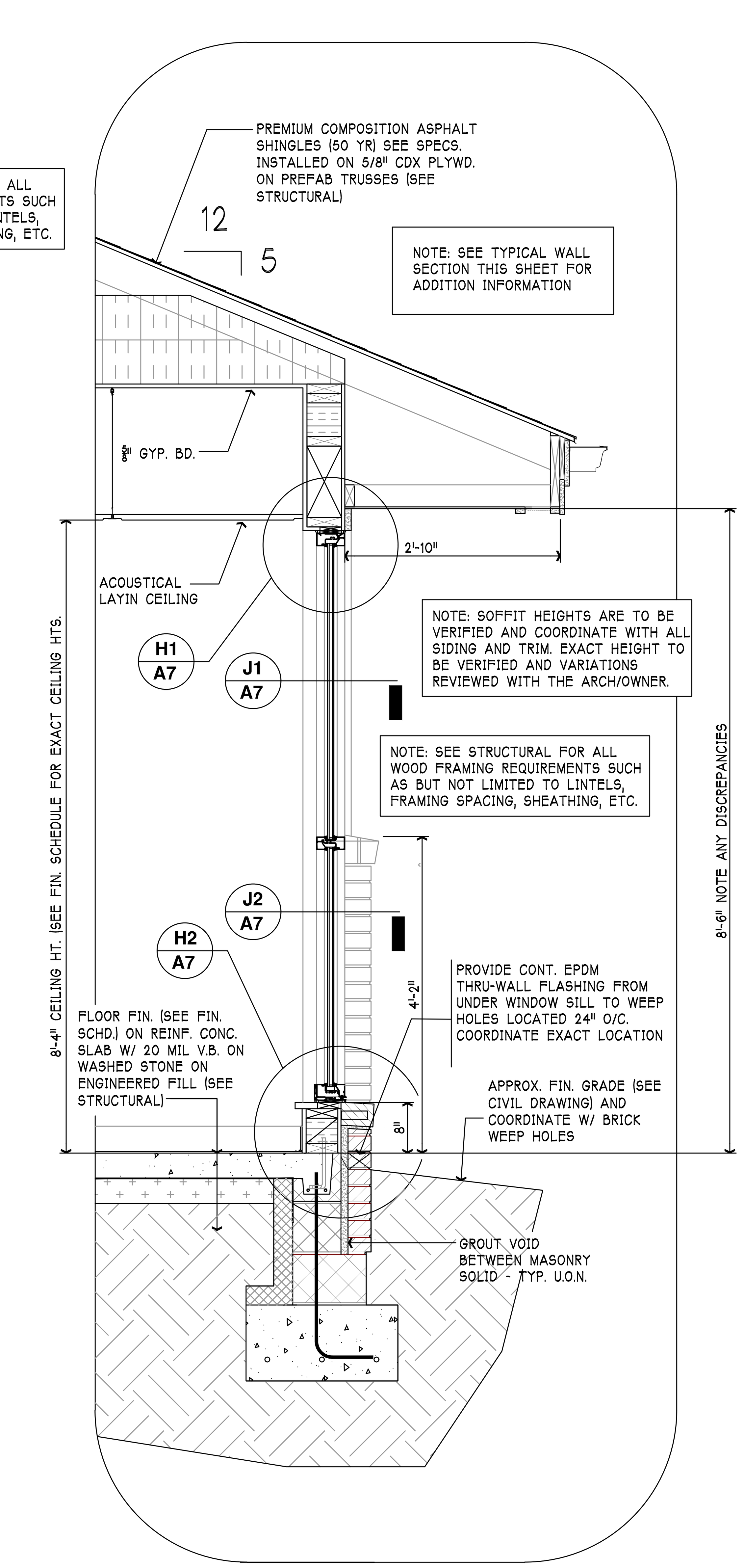
DATE 21 SEP 2022

SHEET A6



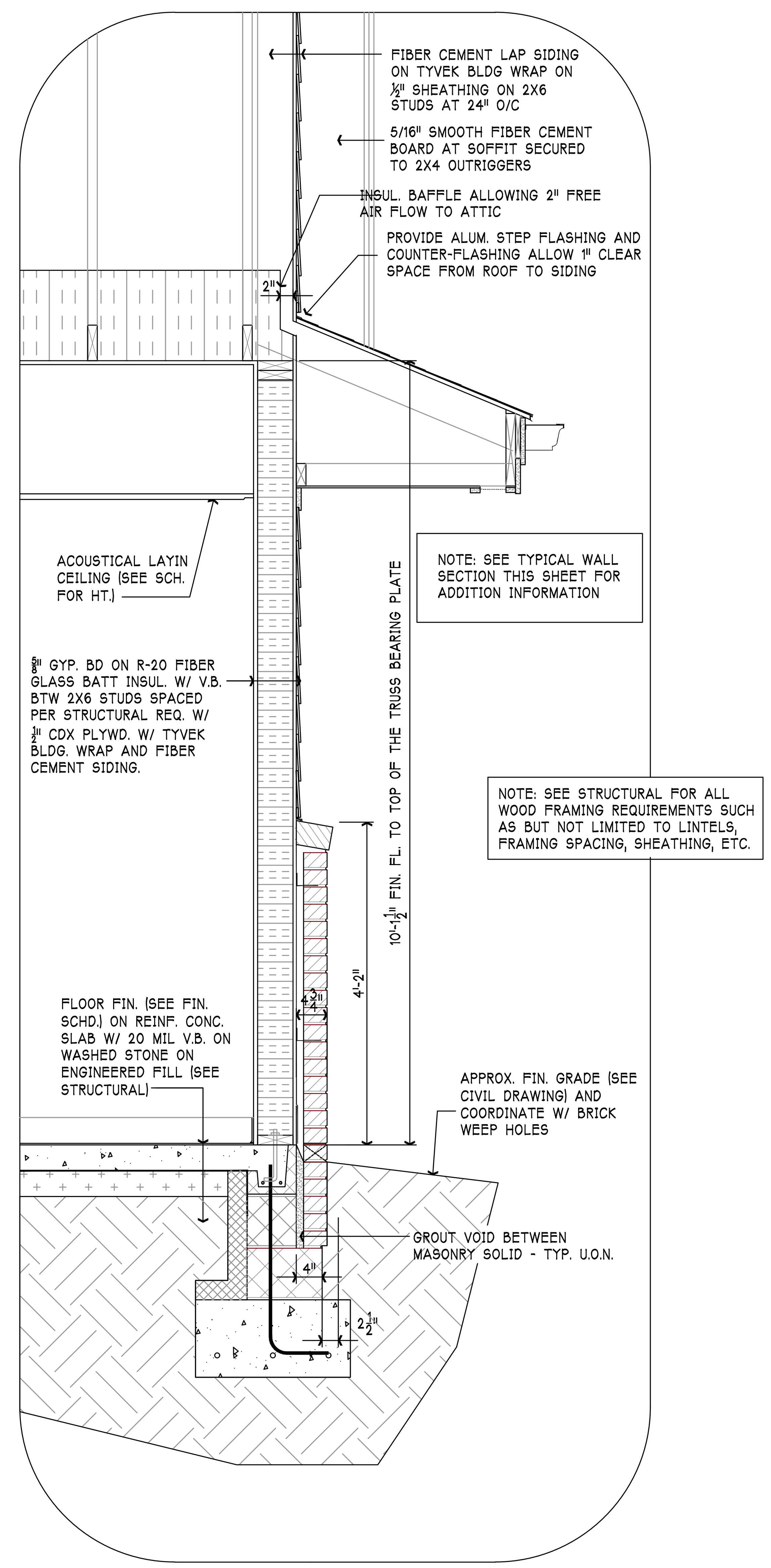
W4 / A1 TYP. WALL SECT.

SCALE: 3/4" = 1'-0" TYP EXT STUD WALL



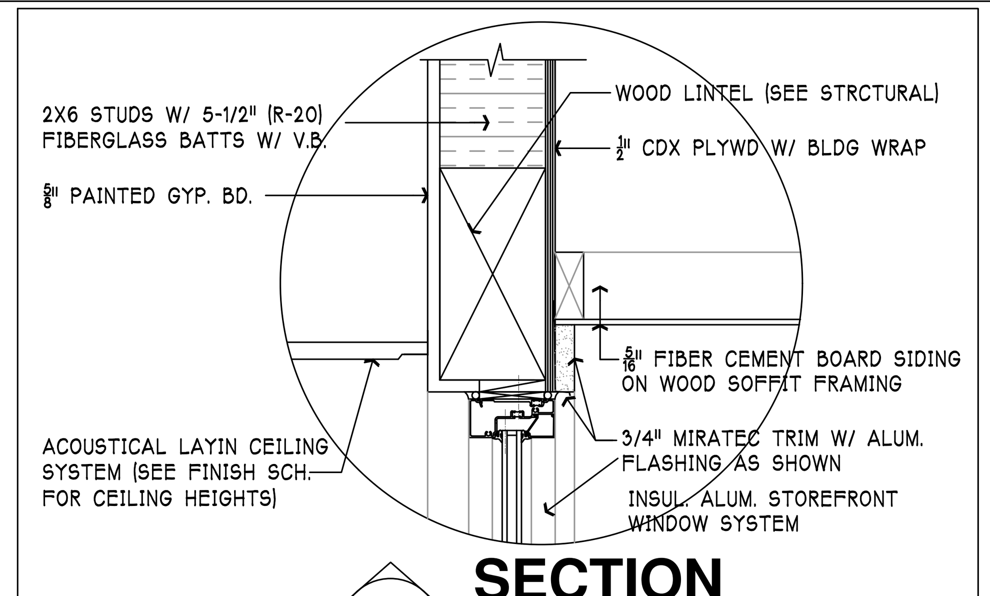
W5 / A1 WALL SECTION

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



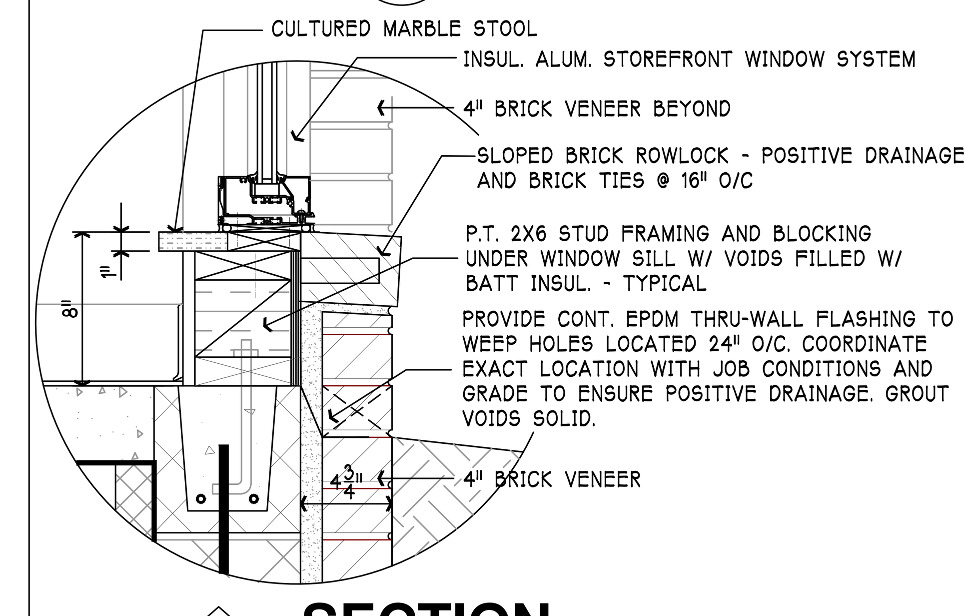
W6 / A1 WALL SECTION

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



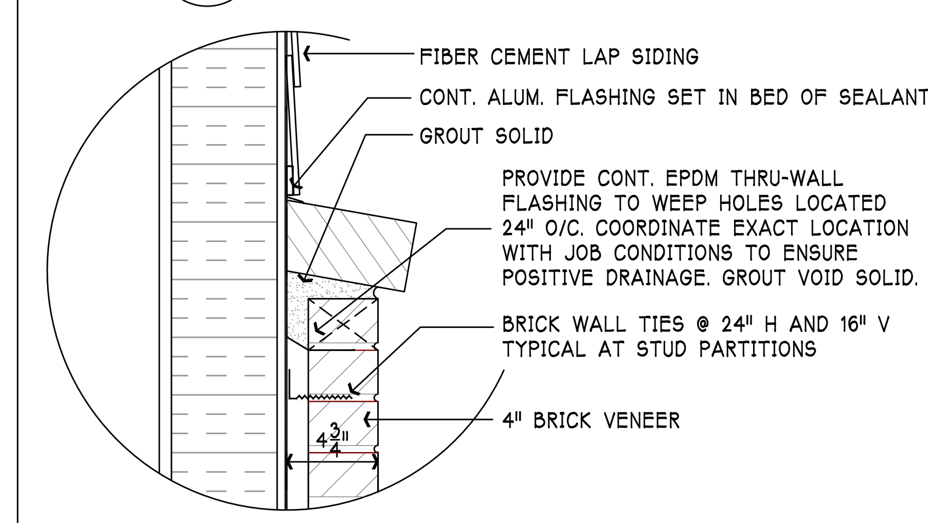
H1 / A7 SECTION

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



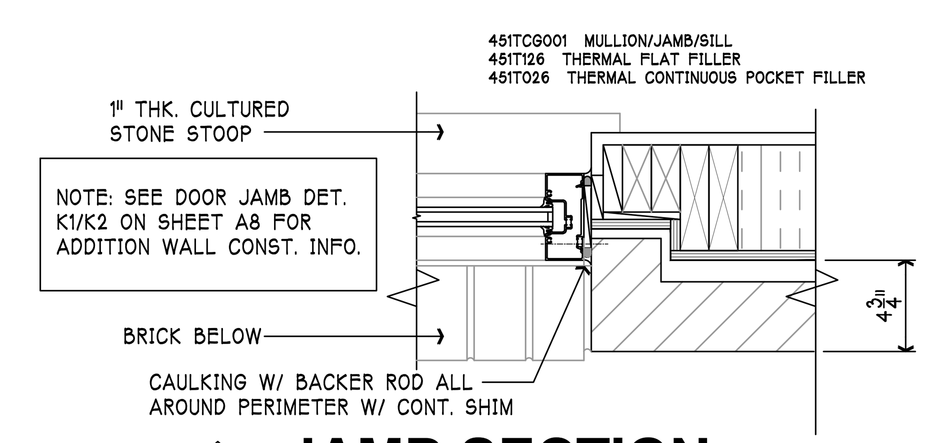
H2 / A7 SECTION

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



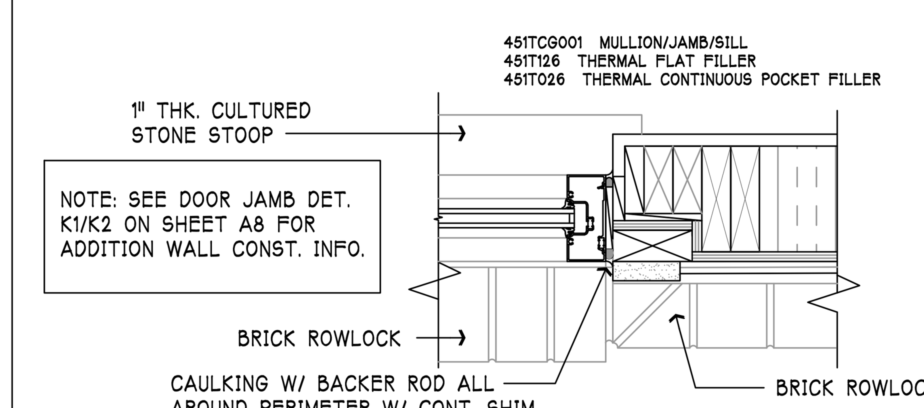
H3 / A7 SECTION

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



J2 / A7 JAMB SECTION

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



J1 / A7 JAMB SECTION

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

FILE NAME: RLW98.dwg

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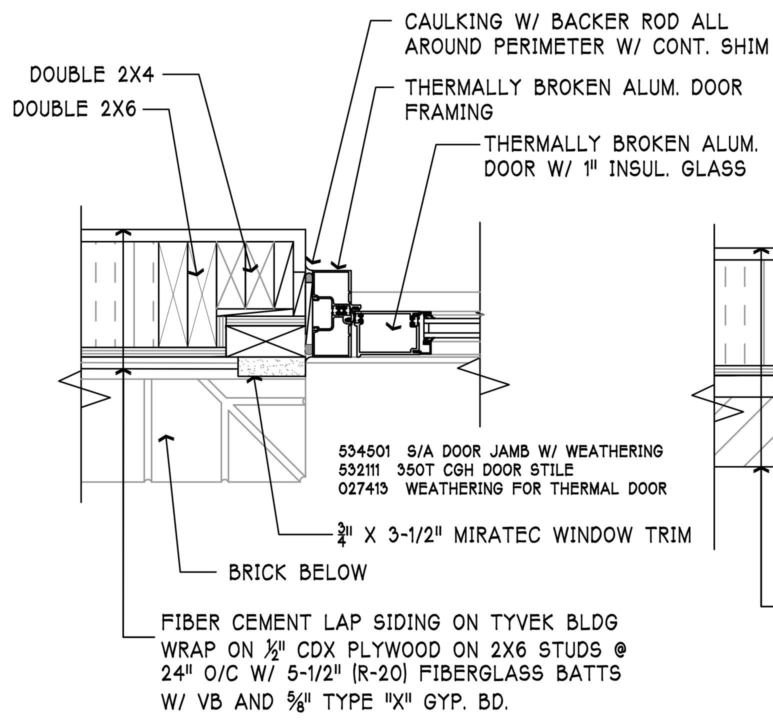
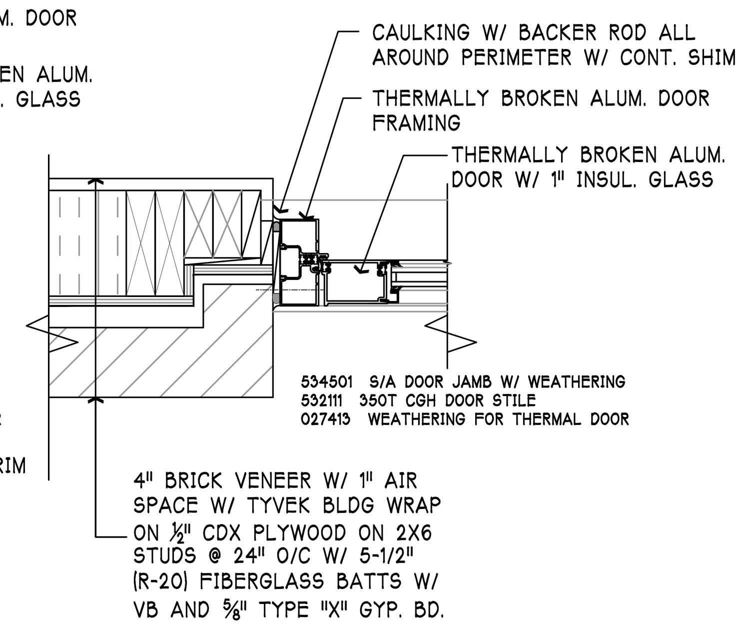
TRANSYLVANIA COUNTY, NC

DATE 21 SEP 2022

SHEET A7



K1 / A8
DOOR JAMB DET.
SCALE: 1-1/2" = 1'-0" AT SIDING



K2 / A8
DOOR JAMB DET.
SCALE: 1-1/2" = 1'-0" AT BRICK

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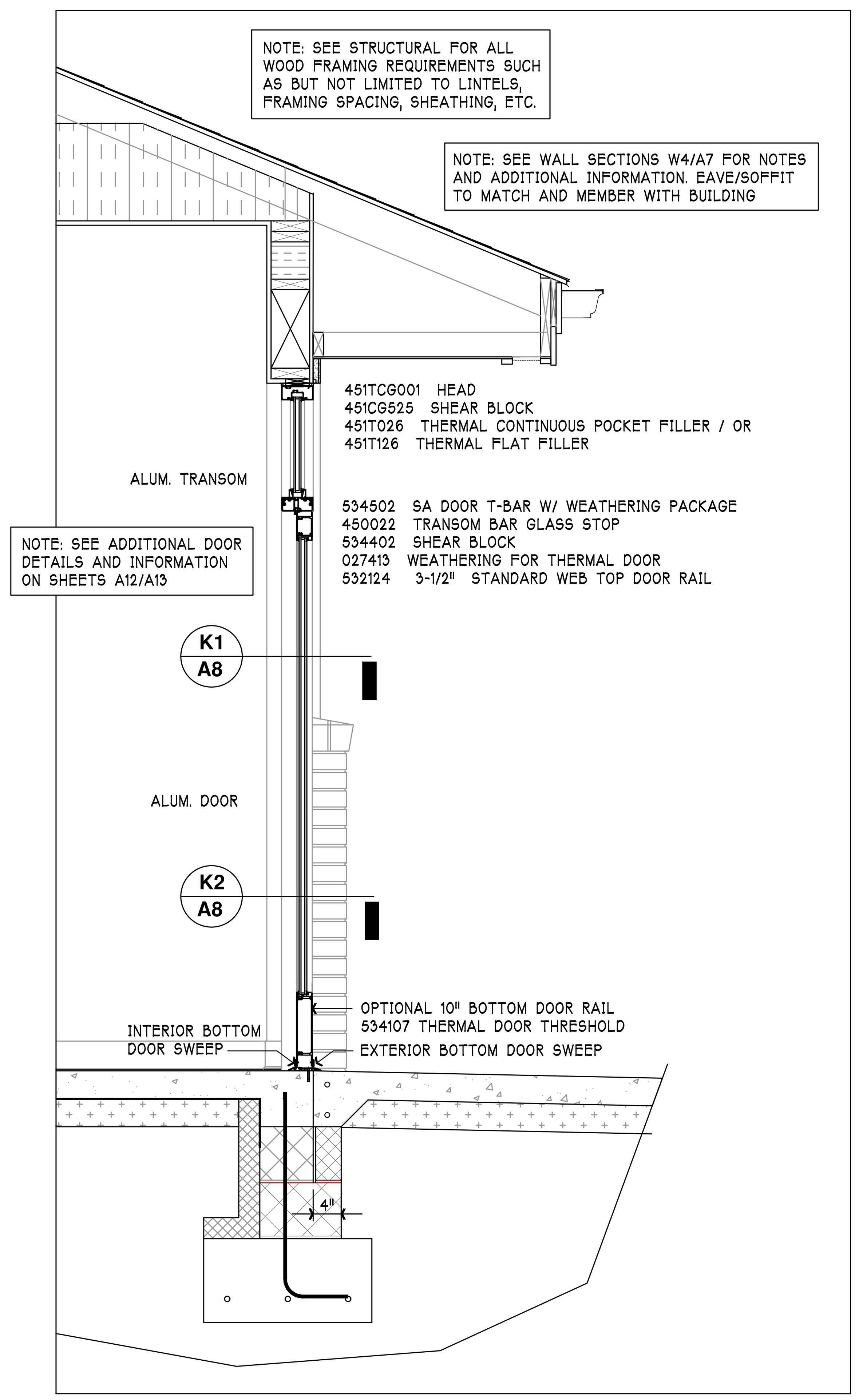
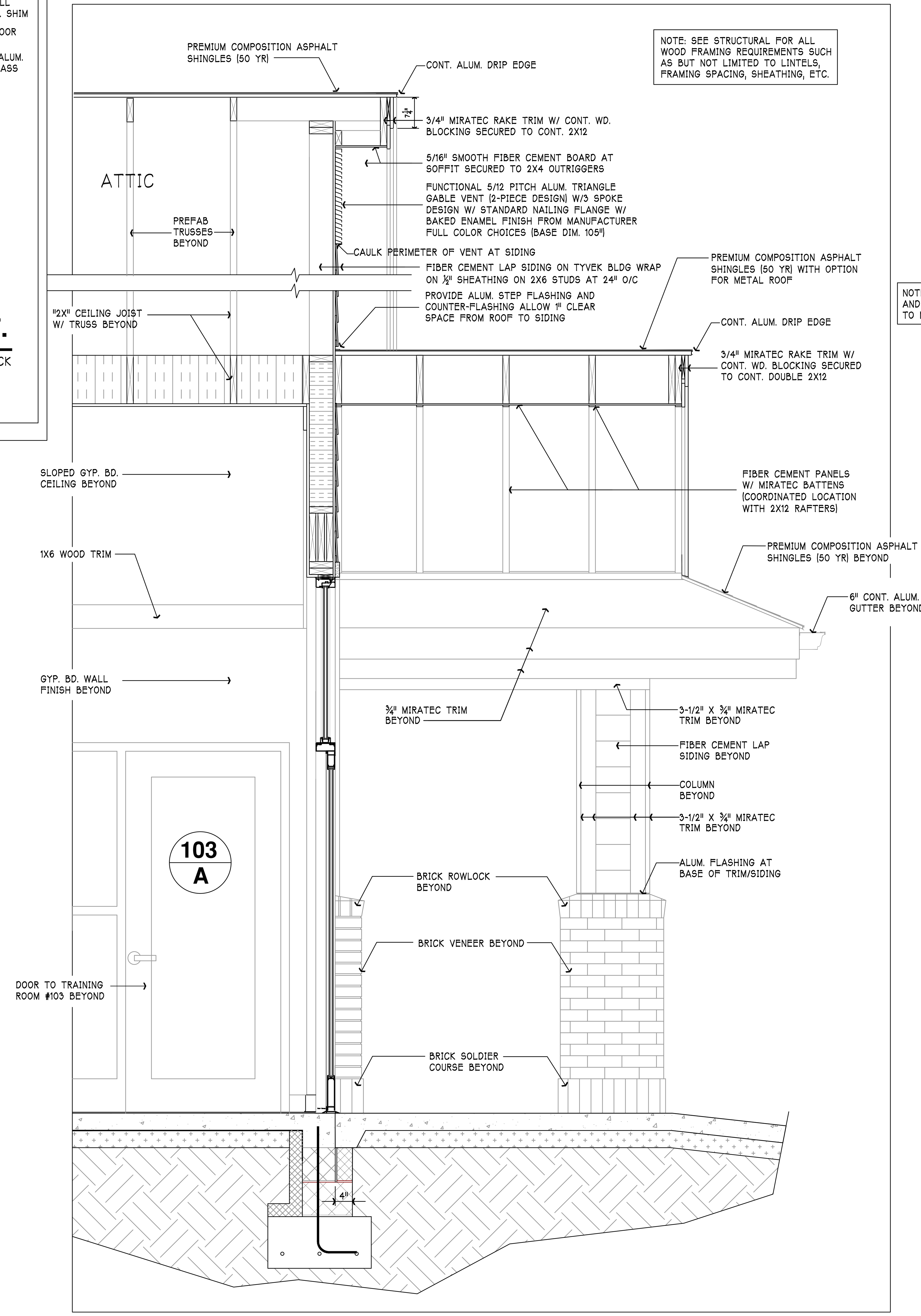
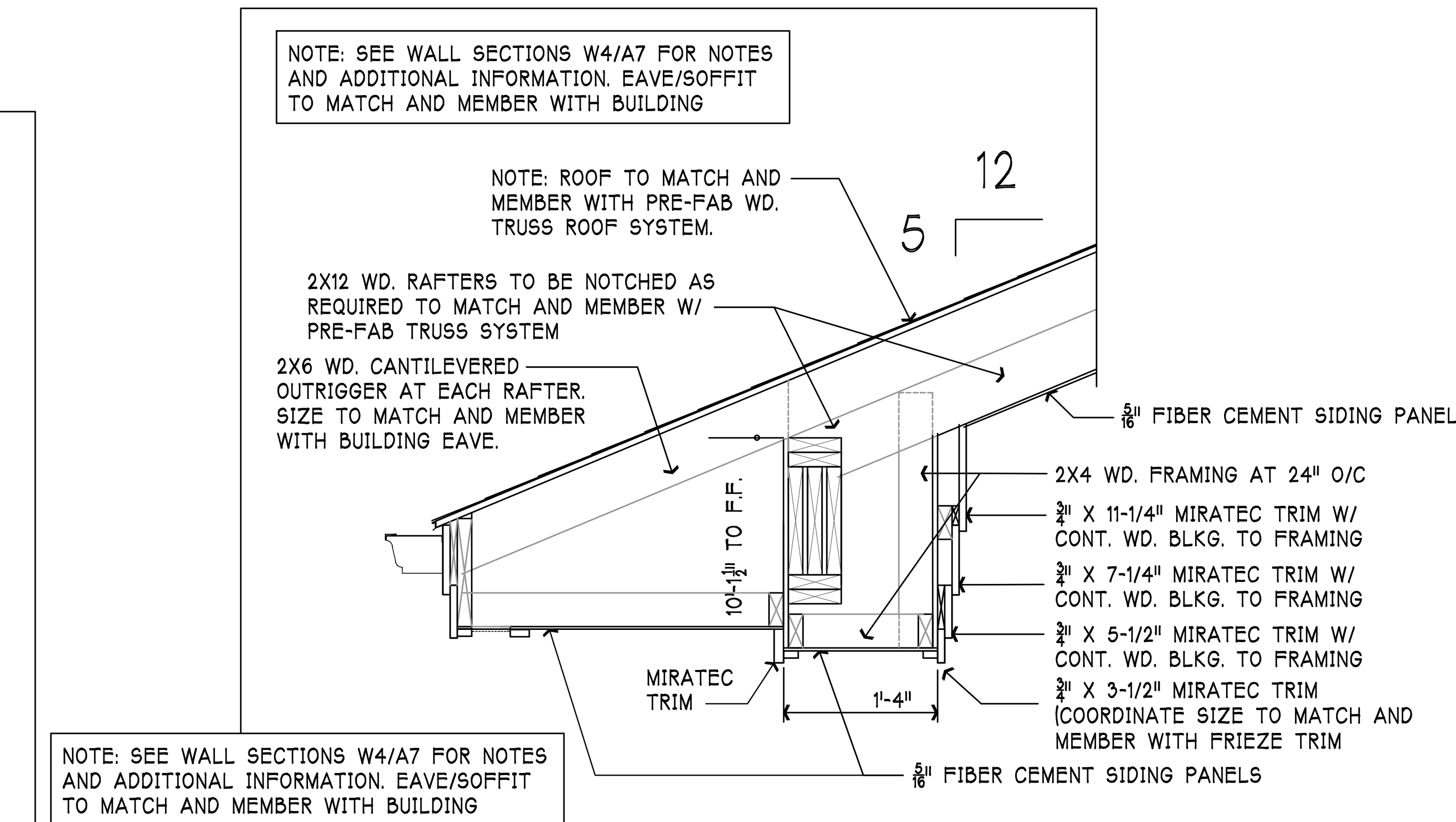


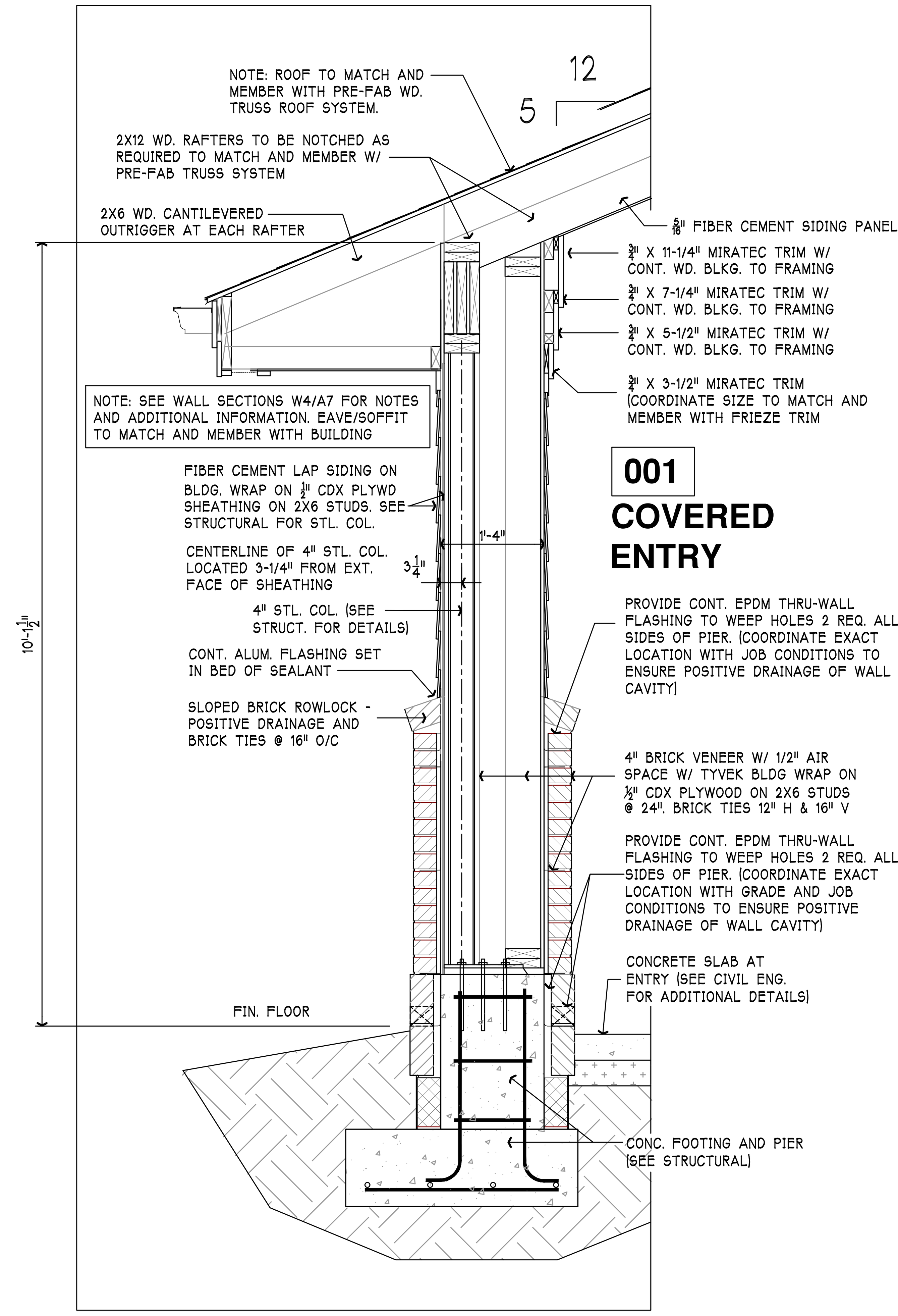
W7 / A1
WALL SECTION
SCALE: 3/4"=1'-0" AT DOOR



W10 / A1
PARTIAL BUILDING SECTION
SCALE: 3/4"=1'-0" AT COVERED ENTRY



W11 / A1
BEAM SECTION
SCALE: 3/4"=1'-0" AT COVERED ENTRY



W12 / A1
COLUMN/PIER SECTION
SCALE: 3/4"=1'-0" AT COVERED ENTRY

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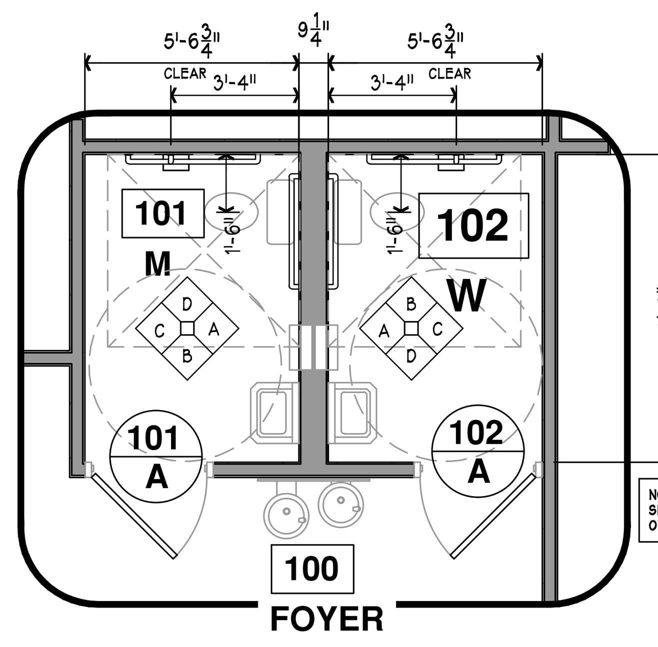
TRANSYLVANIA COUNTY, NC

DATE 21 SEP 2022
SHEET A8
FILE NAME: RLW98.dwg

RESTROOM/SHOWER PLANS AND DETAILS

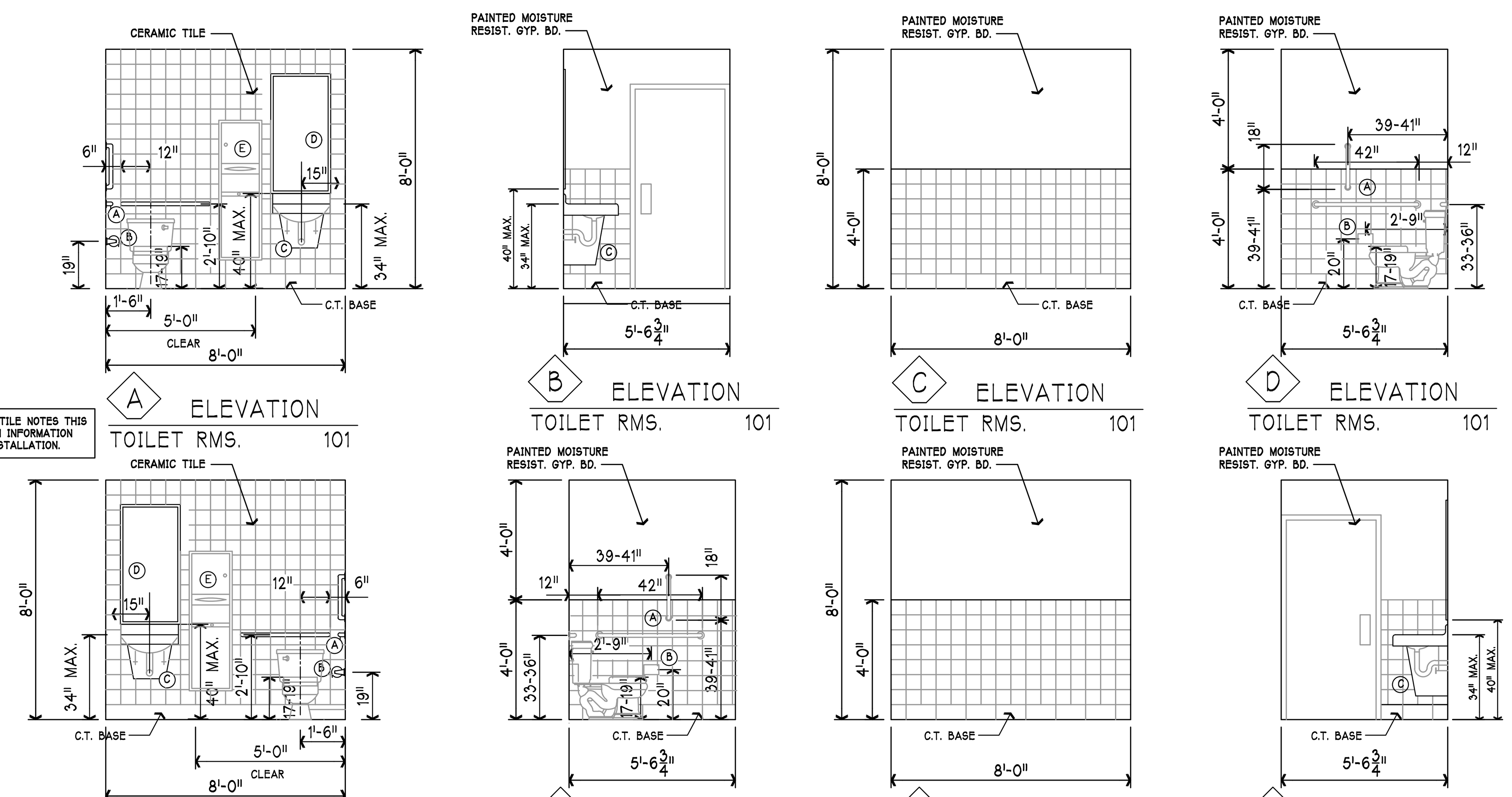
SCALE: 1/4" = 1'-0"



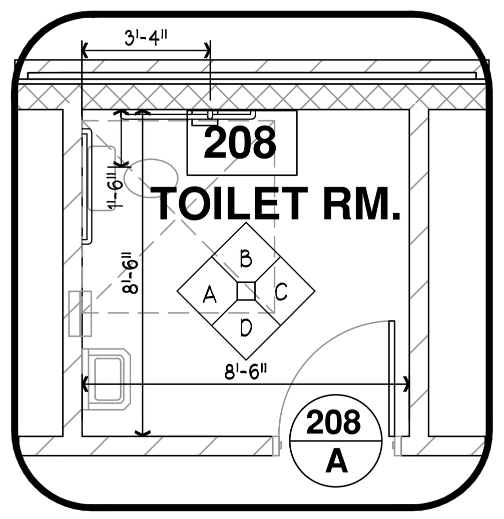
RP / A1 **TOILET ROOM PLAN**

SCALE: 1/4" = 1'-0" SPACES #101 AND #102

NOTE: SEE CERAMIC TILE NOTES THIS SHEET FOR ADDITION INFORMATION ON CERAMIC TILE INSTALLATION.

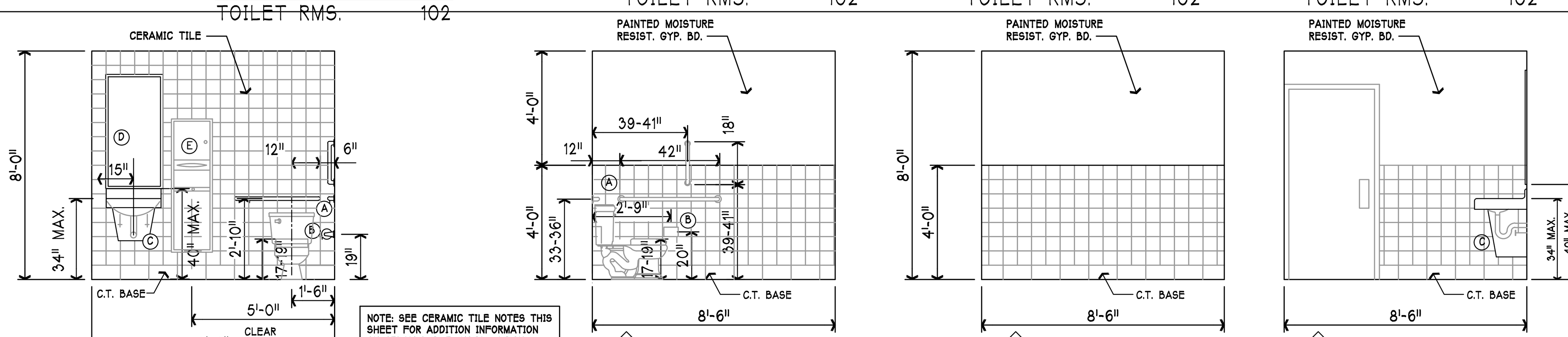


A ELEVATION TOILET RMS. 101
B ELEVATION TOILET RMS. 101
C ELEVATION TOILET RMS. 101
D ELEVATION TOILET RMS. 101
A ELEVATION TOILET RMS. 102
B ELEVATION TOILET RMS. 102
C ELEVATION TOILET RMS. 102
D ELEVATION TOILET RMS. 102



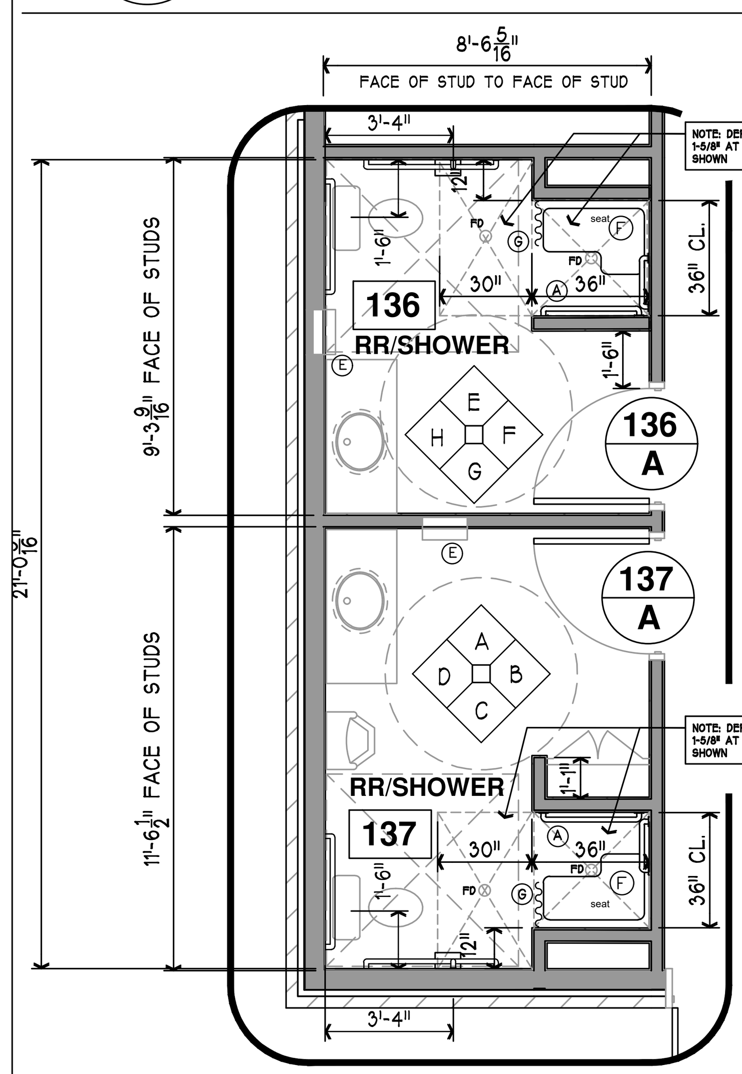
TP / A1 **TOILET ROOM PLAN**

SCALE: 1/4" = 1'-0" SPACE #208



NOTE: SEE CERAMIC TILE NOTES THIS SHEET FOR ADDITION INFORMATION ON CERAMIC TILE INSTALLATION.

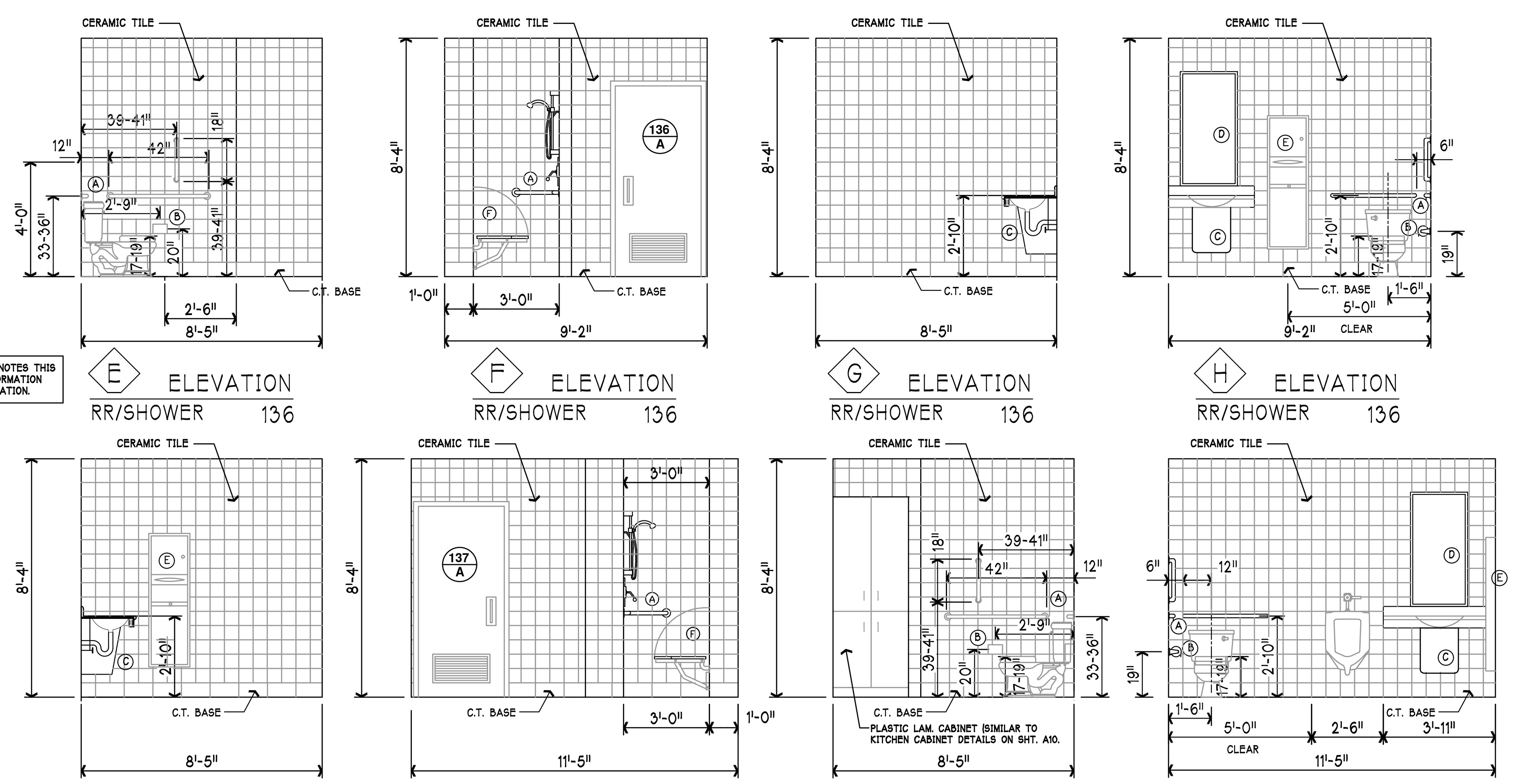
A ELEVATION TOILET RM. 208
B ELEVATION TOILET RM. 208
C ELEVATION TOILET RM. 208
D ELEVATION TOILET RM. 208



NOTE: SEE CERAMIC TILE NOTES THIS SHEET FOR ADDITION INFORMATION ON CERAMIC TILE INSTALLATION.

BP / A1 **RESTROOM/SHOWER PLAN**

SCALE: 1/4" = 1'-0" SPACES #136 AND #137



E ELEVATION RR/SHOWER 136
F ELEVATION RR/SHOWER 136
G ELEVATION RR/SHOWER 136
H ELEVATION RR/SHOWER 136
A ELEVATION RR/SHOWER 137
B ELEVATION RR/SHOWER 137
C ELEVATION RR/SHOWER 137
D ELEVATION RR/SHOWER 137

X DESIGNATION FOR ACCESSORIES SHOWN ON RESTROOM/SHOWER PLANS AND ELEVATIONS

(A) GRAB BAR #3800-P SERIES AS MANUF. BY ASI W/ NON-SLIP SURFACE INSTALLATION TO BE IN STRICT ACCORDANCE W/ HC CODE. PROVIDE SOLID BLOCKING TO SUPPORT A MINIMUM OF 250 LBS.

(B) #0710 TOILET PAPER HOLDER AS MANUF. BY ASI.

(C) LAV SHIELD AS MANUF. BY TRUBRO.

(D) #062 STAINLESS STEEL CHANNEL FRAMED MIRROR AS MANUF. BY ASI, 24" x 48"

(E) #0469 COMB. PAPER TOWEL DISPENSER & WASTE DISPOSAL AS MANUF. BY ASI.

(F) #8205 L-SHAPED PADDED CUSHION FOLD-UP SHOWER SEAT AS MANUF. BY ASI. PROVIDE SOLID BLOCKING TO SUPPORT A MINIMUM OF 250 LBS.

(G) #1204 EXTRA HEAVY DUTY SHOWER CURTAIN ROD AS MANUF. BY ASI. PROVIDE SOLID BLOCKING TO SUPPORT A MINIMUM OF 250 LBS. WITH #1200-V VINYL SHOWER CURTAIN AS MANUF. BY BY ASI (4 EA.) AT 42"W X 72"L.

(H) DOUBLE ROBE HOOK #7345 AS MANUF. BY ASI. INSTALLED PER MANUF. REQUIREMENTS AND IN ACCORDANCE WITH ACCESSIBILITY CODE REQUIREMENTS. CONSULT OWNER FOR EXACT LOCATIONS.

NOTE: TRANSFER-TYPE SHOWERS ARE INDICATED AND ARE TO HAVE GRAB BARS, FOLDING SEAT, CONTROLS ETC. IN ACCORDANCE WITH SECTION 608 OF THE ICC A117.1-2009 AMERICAN NATIONAL STANDARD AND NC CODE REQUIREMENTS. VERIFY ALL DIMENSIONS AND TO CONFIRM COMPLIANCE WITH DIMENSION REQUIREMENTS OF THIS STANDARD.

NOTE: ALL EXPOSED GYPSUM BOARD TO BE WATER RESISTANT.

NOTE: ALL DIMENSIONS MUST MEET NC ACCESSIBILITY CODE REQUIREMENTS.

NOTE: CLEAR DIMENSION MUST ALLOW FOR FINISH THICKNESS. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION OF PARTITIONS.

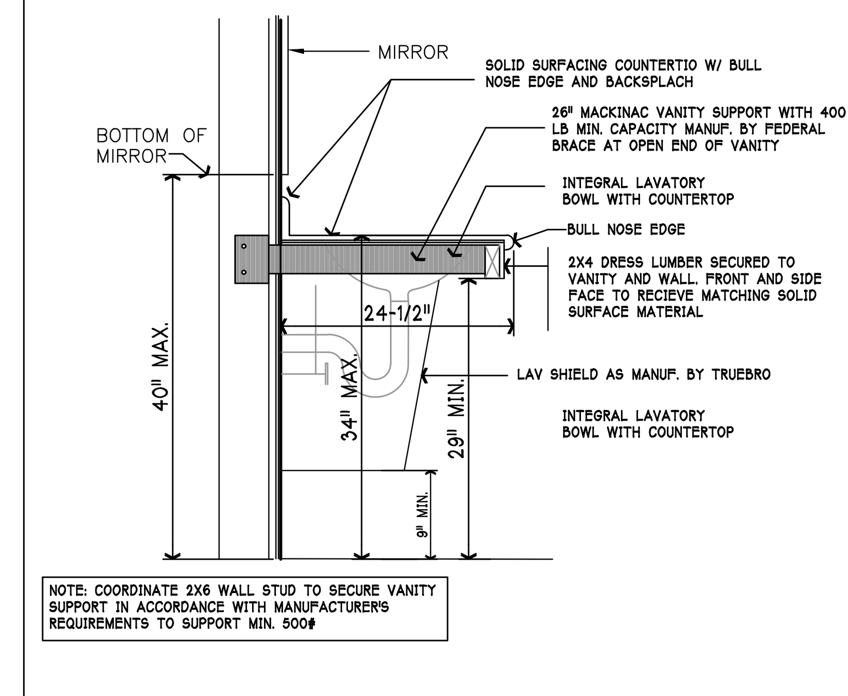
CERAMIC TILE NOTES:

1. ALL CERAMIC TILE FLOORS TO HAVE CEMENTITIOUS BOND COAT ON CRACK ISOLATION BOND MEMBRANE ON CONCRETE SLAB (TCNA #F113-17).

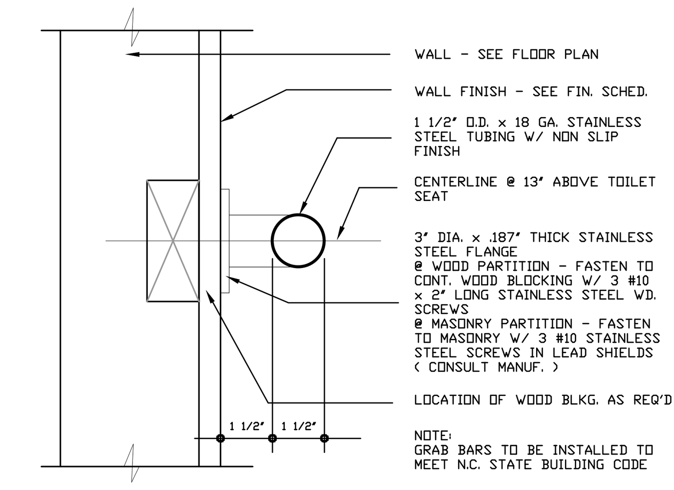
2. ALL CERAMIC TILE WALLS TO HAVE CEMENTITIOUS BOND COAT ON 5/8" WATER RESISTANT GYPSUM BOARD ON 2X4 STUDS AT 24" O/C (TCNA #W243-17) UNLESS OTHERWISE NOTED IN HIGH HUMIDITY AREAS.

3. SHOWER WALLS TO HAVE CERAMIC TILE ON BOND COAT ON WATERPROOF MEMBRANE (FULL HT. OR TILE ASSEMBLY) ON 5/8" CEMENT BACKER BOARD ON 2X4 P.T. WOOD STUDS AT 16" O/C (TCNA #B422C-17).

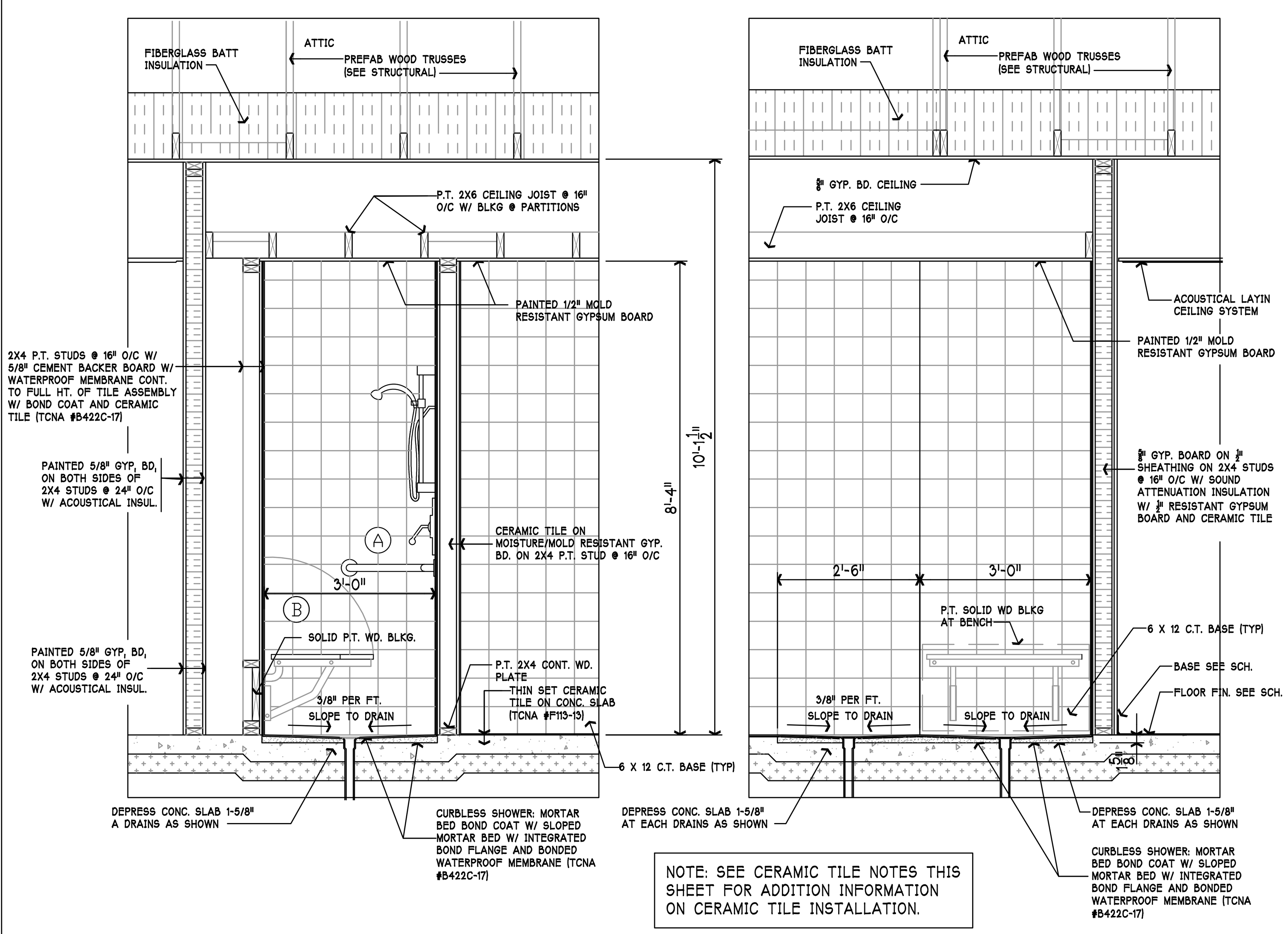
4. SHOWER FLOOR AREA TO HAVE CERAMIC TILE ON CEMENTITIOUS BOND COAT ON BONDED WATERPROOF MEMBRANE SLOPED REINFORCED MORTAR BED ON DEPRESSED SLAB (TCNA #B422-17).



VC **BATHROOM COUNTER**
3/4" = 1'-0"



GB **GRAB BAR DETAIL**
3" = 1'-0"



NOTE: SEE CERAMIC TILE NOTES THIS SHEET FOR ADDITION INFORMATION ON CERAMIC TILE INSTALLATION.

TYPICAL SHOWER SECTIONS/DETAILS

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

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A NEW PROJECT FOR TRANSYLVANIA COUNTY
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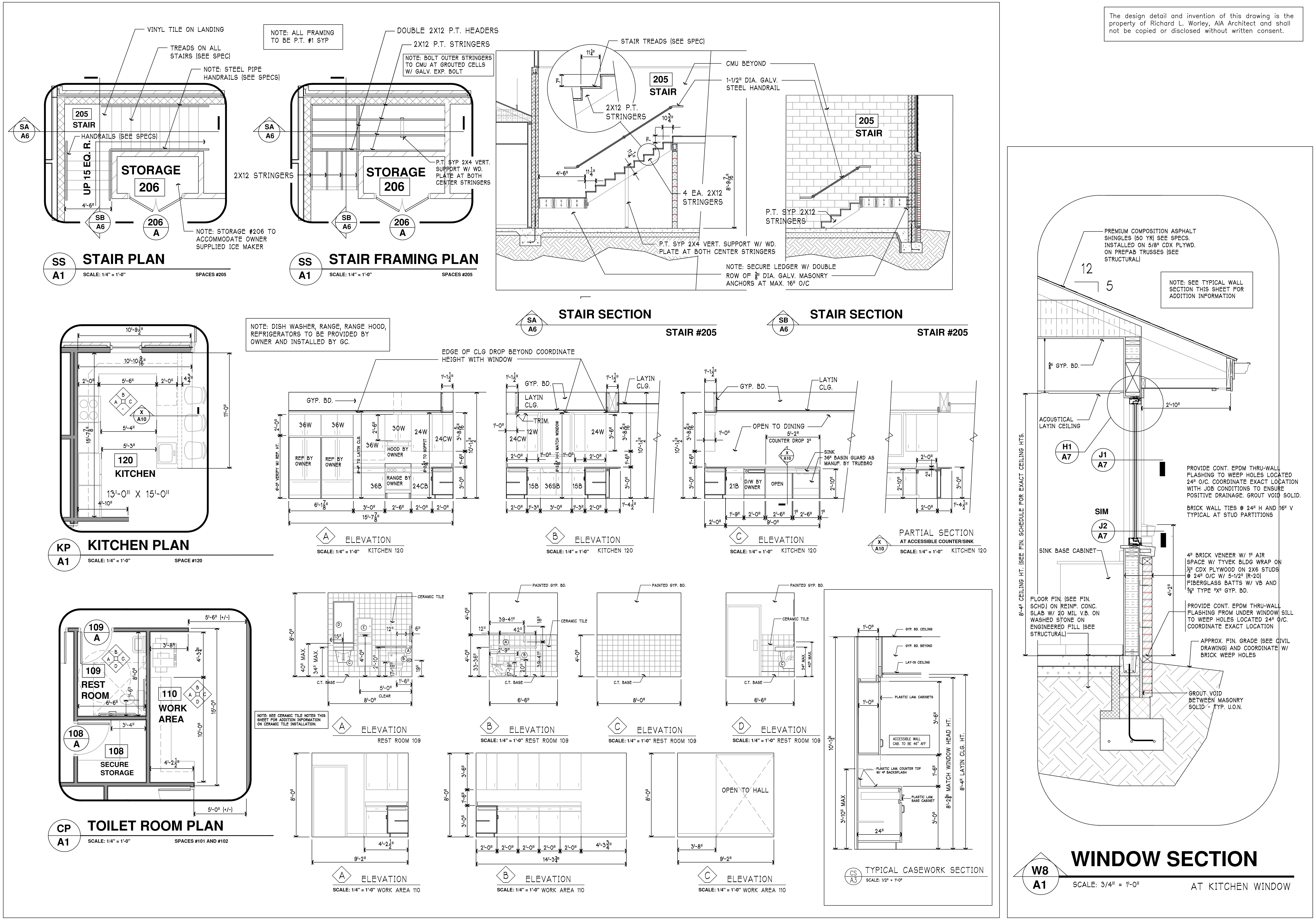
TRANSYLVANIA COUNTY, NC

DATE 21 SEP 2022

SHEET **A9**

FILE NAME: RLW98.dwg



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DATE 21 SEP 2022

SHEET A10

FILE NAME: RLW98.dwg

FINISH SCHEDULE

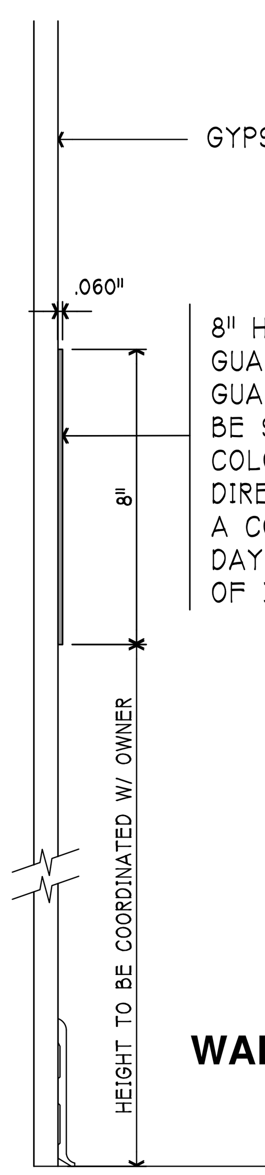
SPACE			FLOOR								BASE						WALL						CLG				WSC'T		REMARKS	
SPECIAL NOTES	SPACE NUMBER	SPACE NAME	CARPET	CERAMIC TILE	VINYL TILE		VINYL TREADS	EXPOSED CONSTRUCTION	PAINTED PLYWOOD		VINYL BASE (CONT. ROLLS)	CERAMIC TILE				NO BASE- EXPOSED CONSTR.	PAINTED GYPSUM BD.	CERAMIC TILE	PAINTED CMU/MASONRY			EXPOSED CONSTRUCTION	PAINTED GYPSUM BD.	ACOUSTICAL LAY-IN TILE		EXPOSED CONSTRUCTION	CERAMIC TILE			APPROX. CEILING HEIGHT
			1	2	3	4	5	6	7	8	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	1	2	REMARKS:	
X																														
X	001	COVERED ENTRY						6								6						6				4				VARIES
X	002	PATIO						6								6						6				4				–
X																														
5,	100	FOYER			3						1						1						1							VARIES
X	101	MEN		2								2					1	2						2			1			8'-0"
X	102	WOMEN		2								2					1	2						2			1			8'-0"
1,	103	TRAINING	1								1						1						1	2						8'-10"
5,	104	HALL			3						1						1							2						8'-4"
1,	105	DIRECTOR	1								1						1						1	2						8'-4"
1,	106	OFFICE	1								1						1						1	2						8'-4"
X	107	SUPERVISOR	1								1						1						1	2						8'-4"
X	108	SECURE STORAGE	1								1						1							2						8'-0"
X	109	RESTROOM		2								2					1	2						2			1			8'-0"
X	110	WORK AREA	1								1						1							2						8'-4"
6,	111	MECH ROOM						6			1						1						1							10'-0"
5,	112	STORAGE			3						1						1							2						8'-0"
5,	113	STORAGE			3						1						1							2						8'-0"
5,	114	HALL			3						1						1							2						8'-4"
5,	115	ALCOVE			3						1						1							2						8'-4"
5,	116	COMPUTER ROOM	1								1						1							2						8'-4"
6,	117	MECH ROOM						6			1						1						1							10'-0"
5,	118	SERVER ROOM			3						1						1							2						10'-0"
1, 4	119	DAYROOM	1								1						1						1	2						9'-0"
1, 5,	120	DINING			3						1						1						1	2				2		9'-0"
1, 5,	121	KITCHEN			3						1						1						1	2						8'-8"
5,	122	HALL			3						1						1							2						9'-0"
X																														
5,	125	HALL			3						1						1							2						8'-4"
X	126	BUNK ROOM	1								1						1							2						8'-4"
X	127	BUNK ROOM	1								1						1							2						8'-4"
X	128	BUNK ROOM	1								1						1							2						8'-4"
X	129	BUNK ROOM	1								1						1							2						8'-4"
5,	130	HALL			3						1						1							2						8'-4"
X																														
X	135	EXERCISE ROOM	1								1						1							2						8'-4"
2,	136	RESTROOM/SHOWER		2								2					1	2					1				1			8'-4"
2,	137	RESTROOM/SHOWER		2								2					1	2					1				1			8'-4"
5,	138	LOCKERS			3						1						1							2						8'-4"
5,	139	MECH ROOM			3						1						1						1							10'-0"
X	140	BUNK ROOM	1								1						1							2						8'-4"
X	141	TRAINING OFFICER	1								1						1							2						
5,	142	OFFICE/TRIAGE			3						1						1							2						
6,	200	TRUCK BAYS						6								6			3				1							VARIES
3,	205	STAIR																												
X	206	STORAGE																												
X	207	LAUNDRY			3						1								3				1							8'-0"
7,	208	TOILET ROOM		2								2						2	3				1				1			8'-0"
X	209	JANITOR			3						1								3				1							8'-0"
6,	210	VEHICLE MAINTENANCE						6								6			3				1							8'-0"
6,	211	TURNOUT GEAR/MED. EQ.						6								6			3				1							8'-0"
6,	212	GENERAL STORAGE						6								6			3				1							8'-0"
2, 6,	215	WASH BAY						6								6			3				1							VARIES
6,	216	STORAGE						6								6			3				1							8'-0"
6,	217	OXYGEN STORAGE						6								6			3				1							8'-0"
6,	218	DELIVERY						6								6			3				1							8'-0"
3,	300	STAIR			3		5									6			3			6								VARIES
X	301	TRUCK BAY MEZZANINE							7							6			3			6	1							VARIES
2	302	WASH BAY MEZZANINE							7							6			3			6	1							VARIES
X																														

FINISH SCHEDULE "GENERAL NOTES":

1. REFER TO SPECIFICATIONS FOR ALL FINISHES INDICATED ON THE SCHEDULE.
2. CAUTION IS TO BE TAKEN WHEN INSTALLING GYPSUM BOARD CEILING IN THE TRUCK BAY TO ALLOW EXPANSION AND CONTRACTION AT CONTROL JOINTS AND ADJOINING DISSIMILAR MATERIALS.
3. ALL EXPOSED GYPSUM FINISHES (WALLS AND CEILINGS) TO BE SMOOTH LEVEL 4 FINISH.
4. GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING SMOOTH TRANSITIONS BETWEEN FLOORS AT ALL DOORWAYS. ABRUPT CHANGES IN FLOOR FINISHES WILL NOT BE ACCEPTABLE. ANY AND ALL WORK SUCH AS BUT NOT LIMITED TO SANDING, FILLING, GRINDING, PATCHING, ETC., AS REQUIRED TO PRODUCE A SMOOTH TRANSITION, WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
5. SEE FLOOR FINISH PLAN ON SHEET LS.
6. .

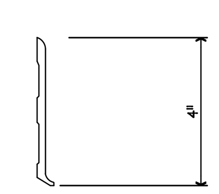
FINISH SCHEDULE "SPECIAL NOTES":

1. COORDINATE CEILING HT. AT DROPPED CEILINGS AND DUCT CHASES WITH WINDOW HEIGHTS WERE APPLICABLE. SEE REFL. CLG. PLAN ON SHEET A14.
2. PROVIDE WATER RESISTANT 5/8" GYPSUM BOARD CEILING OVER THIS AREA.
3. INSTALL VINYL TILE ON STAIR MID-LANDING ONLY.
4. INSTALL WALL GUARD (SEE FLOOR PLAN SHT. A1 & DETAIL THIS SHEET..
5. SEE FLOOR FINISH PLAN ON SHEET LS.
6. FLOOR TO RECEIVE CONCRETE SEALER.
7. CERAMIC TILE TO BE THIN SET ON CMU WALLS AND ON CONCRETE SLAB.



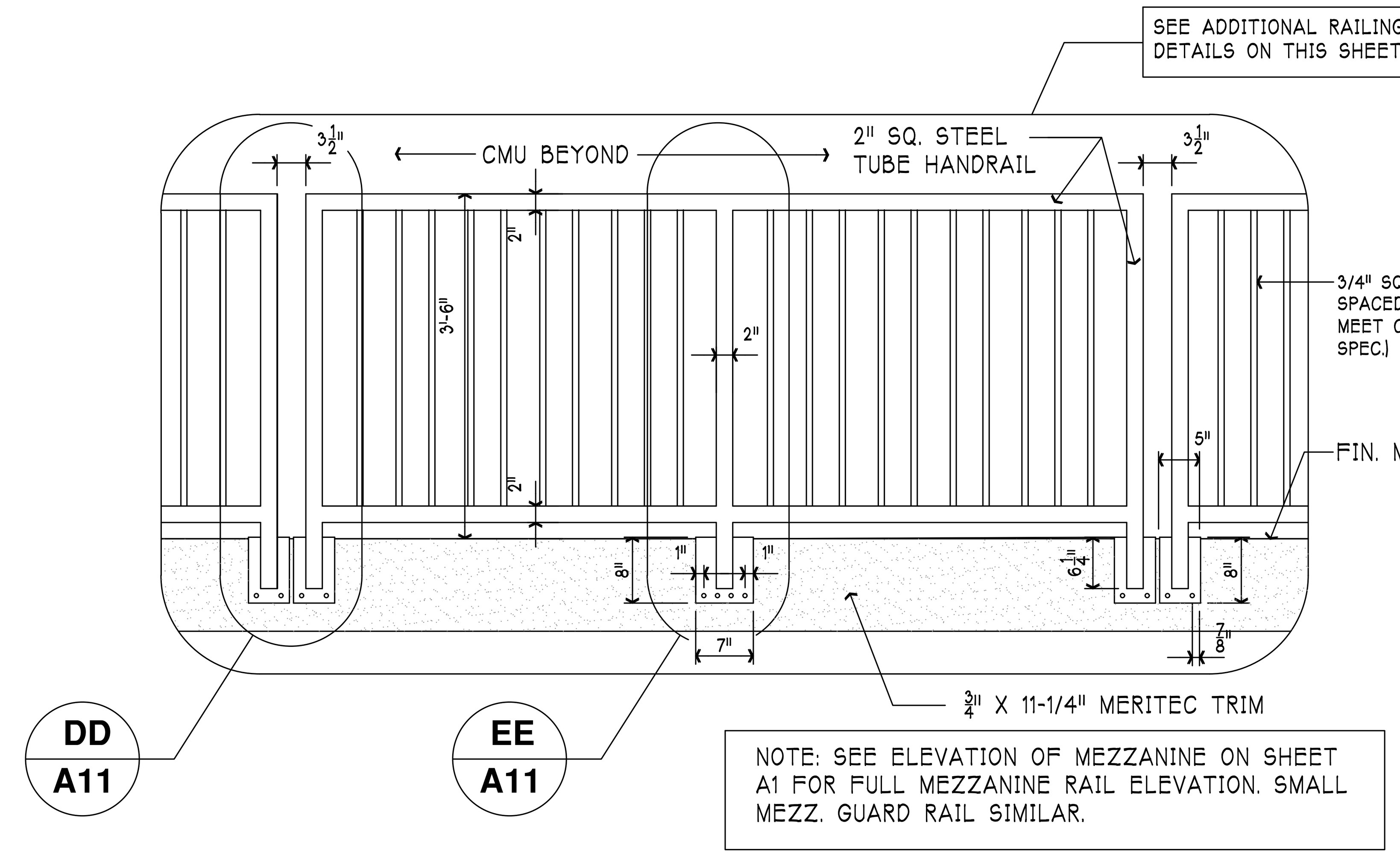
8" HIGHX 8'-0" LONG X .060" THICK WALL GUARDS AS MANUFACTURED BY ESKIMO WALL GUARD INSTALLED ON GYPSUM BOARD. COLOR TO BE SELECTED BY OWNER FROM MANUF. FULL COLOR PALLET. INSTALL HEIGHT TO BE AS DIRECTED BY OWNERS. INSTALL PIECES TO FORM A CONTINUOUS GUARD AROUND WALL AT DAYROOM. SEE FLOOR PLAN SHT A1 FOR EXTENT OF INSTALLATION.

WALL GUARD



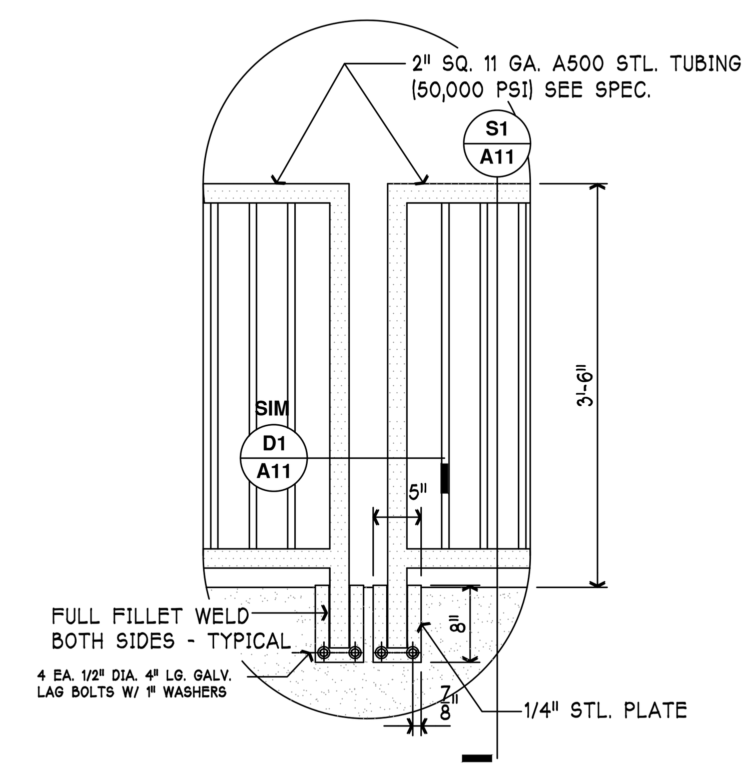
CONT. 4" BASE (SEE SPECIFICATIONS)

VINYL BASE

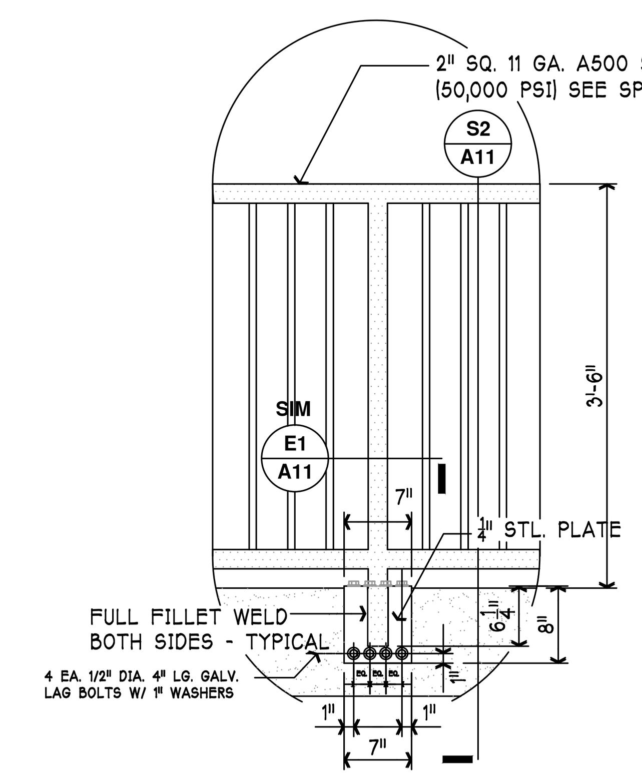


PARTIAL MEZZANINE HANDRAIL ELEVATION

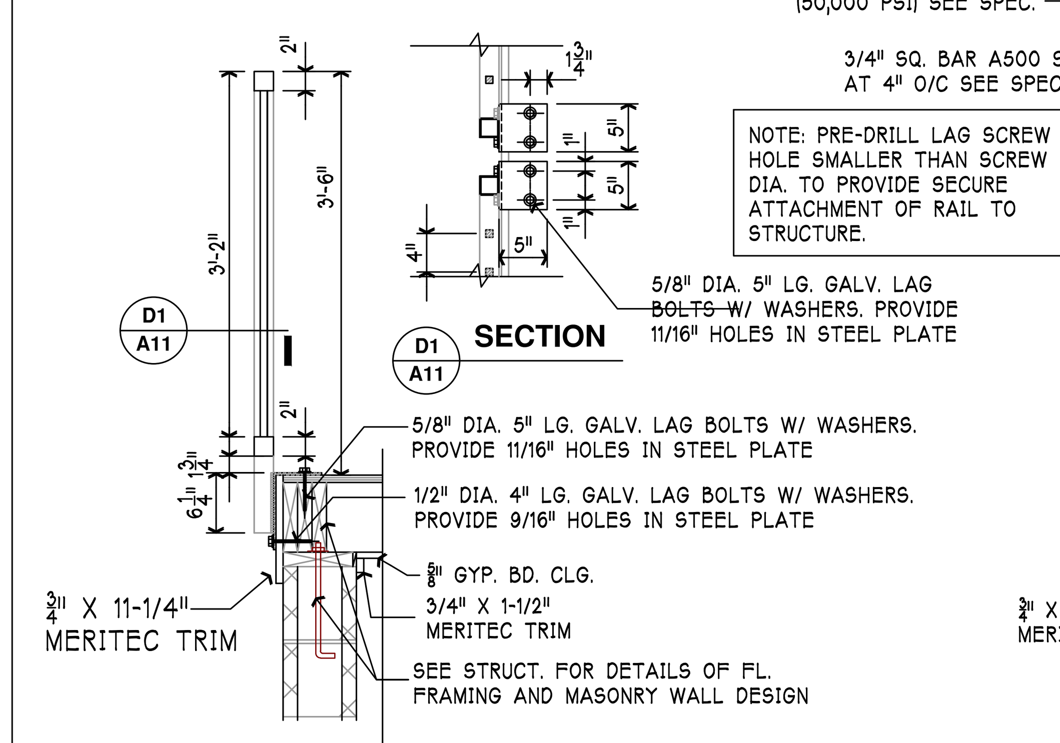
SCALE: 3/4" 1'-0"



DD A11 **ELEVATION**



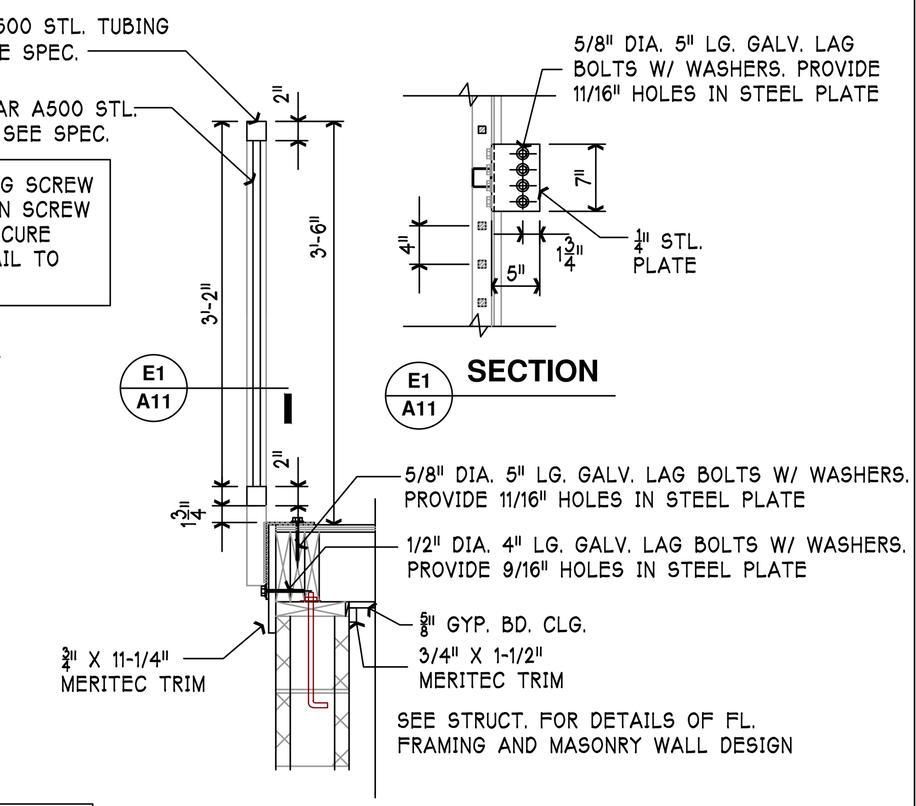
EE A11 **ELEVATION**



D1 A11 **SECTION**

S1 A11 **SECTION**

NOTE: GUARD RAIL TO BE IN STRICT ACCORDANCE WITH SECTION 1015 AND 1607.8 OF NC BLDG. CODE



E1 A11 **SECTION**

S2 A11 **SECTION**

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A NEW PROJECT FOR
TRANSYLVANIA COUNTY
EMERGENCY SERVICES BASE
TRANSYLVANIA COUNTY, NC

DATE 21 SEP 2022

SHEET A11

FILE NAME: RLW98.dwg

DOOR & FRAME SCHEDULE

SPECIAL NOTES	DOOR NUMBER	DOOR SIZE PAIR	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR MATERIAL	DOOR TYPE	GLASS WIDTH	GLASS HEIGHT	LOUVER WIDTH	LOUVER HEIGHT	FRAME TYPE	FRAME MATERIAL	FRAME DETAIL HEAD	FRAME DETAIL JAMB	THRESHOLD	HARDWARE SET	FIRE LABEL - DOOR & FRAME	REMARKS:
	001–A		3'–0"	7'–0"	1–3/4"	AL	3	28"	70"			AD	AL				1		INSUL. TEMP. GL. DR. CARD READER ACCESS
	002–A		3'–0"	6'–8"	1–3/4"	AL	3	28"	70"			AE	AL				1		INSUL. TEMP. GL. DR. CARD READER ACCESS
	100–A		3'–0"	6'–8"	1–3/4"	WD	4	24"	36"			A	HM	F	6		2		CARD READER ACCESS
	101–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	F	6		3		
	102–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	F	6		3		
	103–A		3'–0"	7'–0"	1–3/4"	WD	1					E	HM	F	6		4		
	104–A		3'–0"	6'–8"	1–3/4"	WD	4	24"	36"			A	HM	F	6		2.1		
	105–A		3'–0"	6'–8"	1–3/4"	WD	7	6"	36"			A	HM	F	6		5		
	106–A		3'–0"	6'–8"	1–3/4"	WD	7	6"	36"			A	HM	F	6		5		
	107–A		3'–0"	6'–8"	1–3/4"	WD	7	6"	36"			A	HM	F	6		5		
	108–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	F	6		2		CARD READER ACCESS
	109–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	F	6		3		
	111–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	F	6		6		
	112–A	PR	3'–0"	6'–8"	1–3/4"	WD	2			12"	24"	B	HM	F	6		7		CARD READER ACCESS
	113–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	F	6		2		CARD READER ACCESS
	114–A		3'–0"	7'–0"	1–3/4"	HM	1					C	HM	D	4		1.A	60	CARD READER ACCESS
	116–A		3'–0"	6'–8"	1–3/4"	WD	7	6"	36"	12"	24"	A	HM	F	6		5		
	117–A		3'–0"	6'–8"	1–3/4"	HM	1					A	HM	E	5		8		GALV. DOOR & FRAME
	118–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	F	6		2		CARD READER ACCESS
	125–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	H	8		1.A	90	CARD READER ACCESS
	126–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	F	6		9		
	127–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	F	6		9		
	128–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	F	6		9		
	129–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	F	6		9		
1,	130–A		3'–0"	6'–8"	1–3/4"	AL	3	24"	64"			AE	AL	I	9		1		INSUL. TEMP. GL. DR. CARD READER ACCESS
	135–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	G	7		10		
	136–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	G	7		3		
	137–A		3'–0"	6'–8"	1–3/4"	WD	5			12"	24"	A	HM	G	7		3		
1,	138–A		3'–0"	6'–8"	1–3/4"	AL	3	24"	64"			AE	AL	I	9		1		INSUL. TEMP. GL. DR. CARD READER ACCESS
	139–A	PR	3'–0"	6'–8"	1–3/4"	WD	2			12"	24"	B	HM	F	6		7		
	140–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	F	6		9		
	141–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	H	8		11	90	
	142–A		3'–0"	6'–8"	1–3/4"	WD	1					A	HM	H	8		11	90	
	200–A		3'–0"	7'–0"	1–3/4"	HM	6	24"	64"			C	HM	C	3		1.B		GALV. DR & FRAME–CARD READER ACCESS
	200–B		12'–0"	10'–0"	–	AL	8					SEE DET. SHT A5					13		SECTIONAL OVERHEAD DOOR
	200–C		12'–0"	10'–0"	–	AL	8					SEE DET. SHT A5					13		SECTIONAL OVERHEAD DOOR
	200–D		12'–0"	10'–0"	–	AL	8					SEE DET. SHT A5					13		SECTIONAL OVERHEAD DOOR
	200–E		12'–0"	10'–0"	–	AL	8					SEE DET. SHT A5					13		SECTIONAL OVERHEAD DOOR
	200–F		12'–0"	10'–0"	–	AL	8					SEE DET. SHT A5					13		SECTIONAL OVERHEAD DOOR
	206–A	PR	3'–0"	7'–0"	1–3/4"	HM	2			12"	24"	D	HM	A	1		7		CARD READER ACCESS
	207–A		3'–0"	7'–0"	1–3/4"	HM	5			12"	24"	C	HM	A	1		12		CARD READER ACCESS
	208–A		3'–0"	7'–0"	1–3/4"	HM	5			12"	24"	C	HM	A	1		12		CARD READER ACCESS
	209–A		3'–0"	7'–0"	1–3/4"	HM	5			12"	24"	C	HM	A	1		12		CARD READER ACCESS
	210–A	PR	3'–0"	7'–0"	1–3/4"	HM	2			12"	24"	D	HM	A	1		7		CARD READER ACCESS
	211–A	PR	3'–0"	7'–0"	1–3/4"	HM	2			12"	24"	D	HM	A	1		7		CARD READER ACCESS
	212–A		3'–0"	7'–0"	1–3/4"	HM	5			12"	24"	C	HM	A	1		12		CARD READER ACCESS
	215–A		12'–0"	10'–0"	–	AL	8					SEE DET. SHT A5					13		SECTIONAL OVERHEAD DOOR
	215–B		3'–0"	7'–0"	1–3/4"	HM	1					C	HM	B	2		8		GALV. DR & FRAME–CARD READER ACCESS
	215–C		3'–0"	7'–0"	1–3/4"	HM	1					C	HM	B	2		8		GALV. DR & FRAME–CARD READER ACCESS
	215–D		3'–0"	7'–0"	1–3/4"	HM	1					C	HM	A	1		8.1	60	
	215–E		3'–0"	7'–0"	1–3/4"	HM	1					C	HM	A	1		8.1	60	
	216–A		3'–0"	7'–0"	1–3/4"	HM	5			12"	24"	C	HM	A	1		12		CARD READER ACCESS
	217–A		3'–0"	7'–0"	1–3/4"	HM	5			12"	24"	C	HM	A	1		12		CARD READER ACCESS
	218–A		3'–0"	7'–0"	1–3/4"	HM	1					C	HM	B	2		8		GALV. DR & FRAME–CARD READER ACCESS
	301–A		3'–0"	7'–0"	1–3/4"	HM	1					C	HM	A	1		12		CARD READER ACCESS

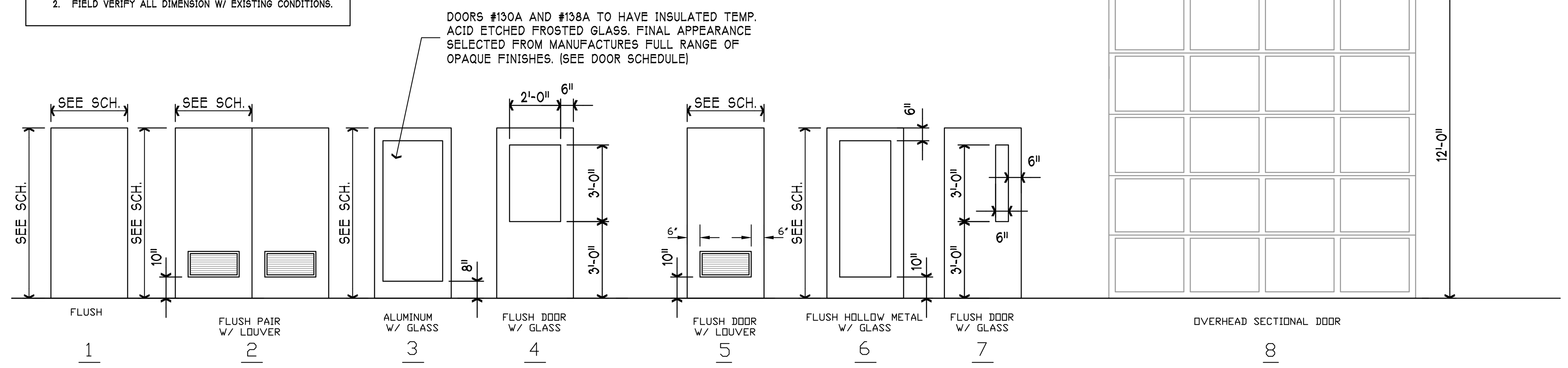
GENERAL DOOR/HARDWARE NOTES:

1. ALL EXTERIOR HM DOORS AND FRAMES TO BE GALVINIZED - SEE SPEC.
2. CAULK AROUND HM AND ALUM DOOR FRAMES AT DISSIMILAR MATERIALS

SPECIAL DOOR/HARDWARE NOTES:

1 DOORS #130A AND #138A TO HAVE INSUL. TEMP. ACID ETCHED FROSTED GLASS. FINAL APPEARANCE SELECTED FROM MANUFACTUERS FULL RANGE OF OPAQUE FINISHES. (SEE DOOR SCHEDULE)

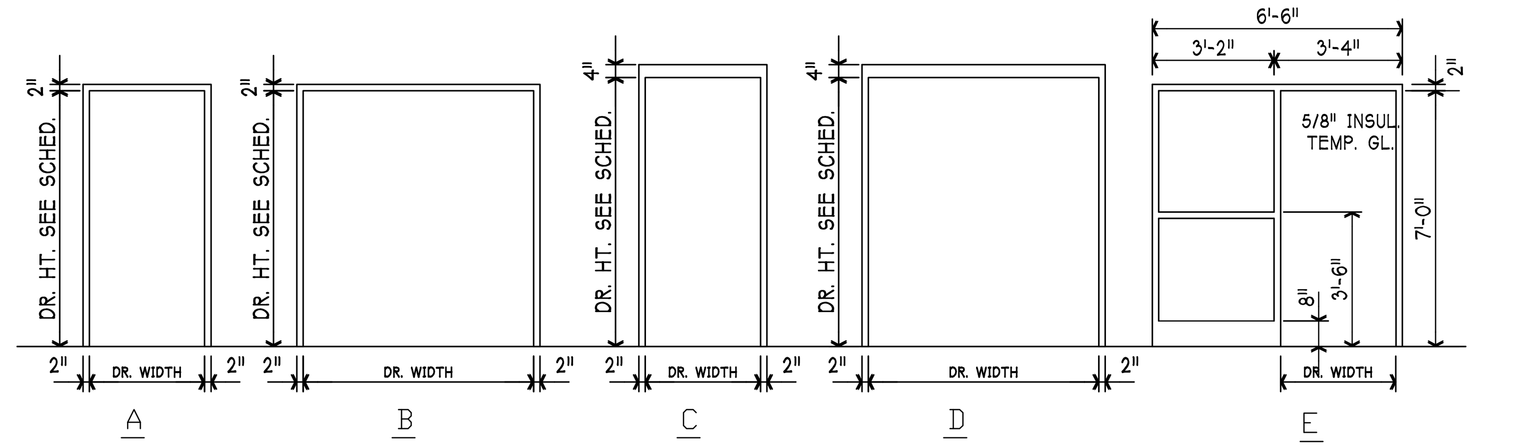
NOTES:
1. ALL GLASS TO BE 1" THICK LOW-E TEMPERED SAFETY GLASS IN ALL ALUMINUM STOREFRONT AND ENTRY DOORS.
2. FIELD VERIFY ALL DIMENSION W/ EXISTING CONDITIONS.



DOOR TYPES

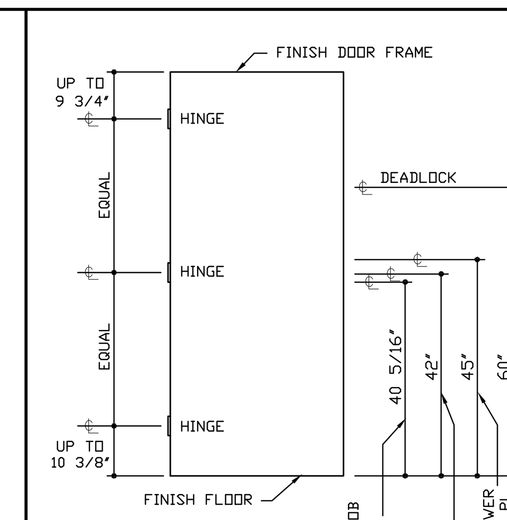
SCALE 1/4" = 1'-0"

NOTE: ALL GLASS TO BE TEMP. SAFETY - INSULATED U.O.N.

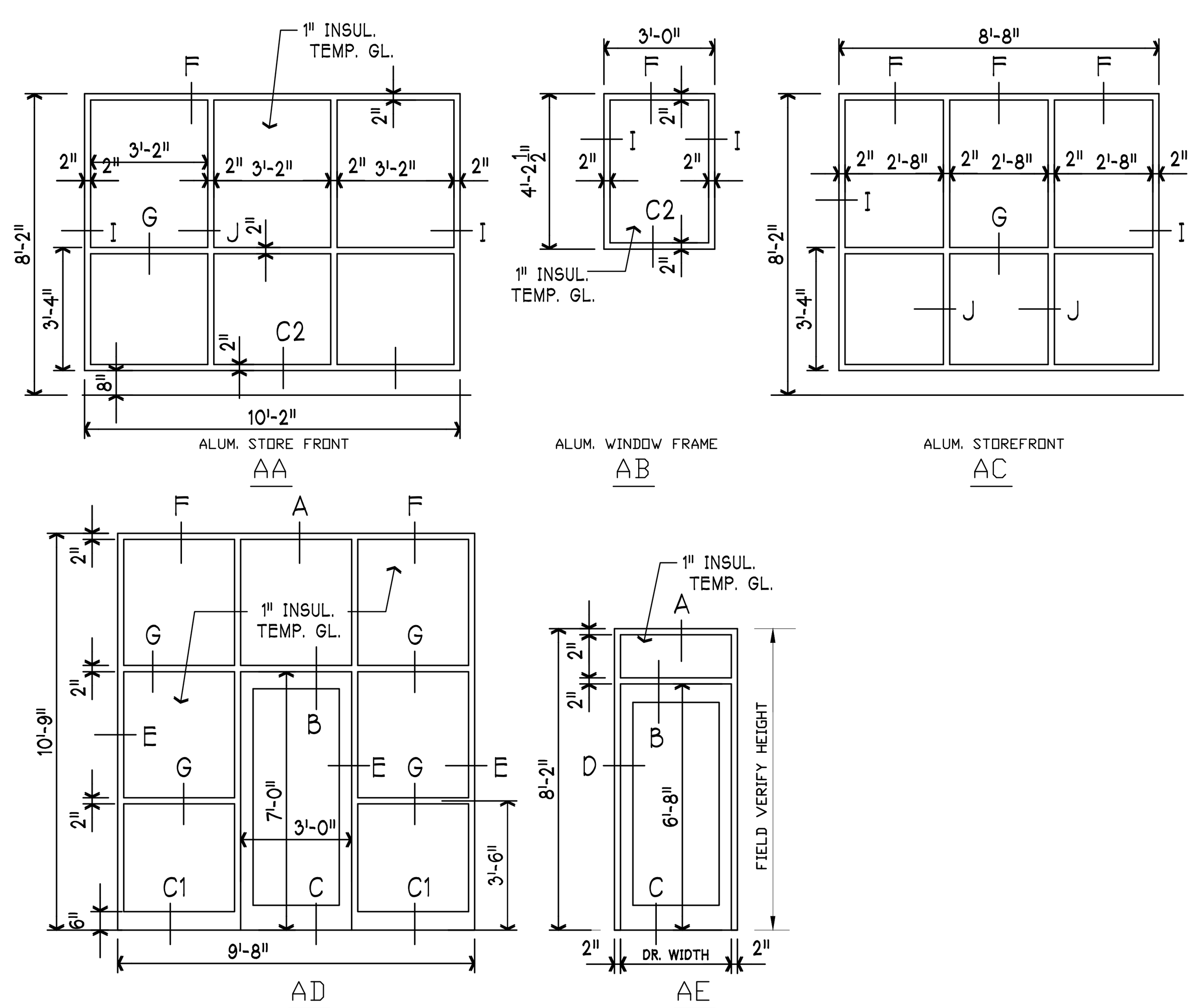


H.M. DOOR FRAME TYPES

SCALE 1/4" = 1'-0"



HARDWARE LOCATION DIAGRAM
NO SCALE



NOTE: DETAIL DESIGNATION REFER TO ALUM. STOREFRONT & DR. DETAILS ON THIS SHEET

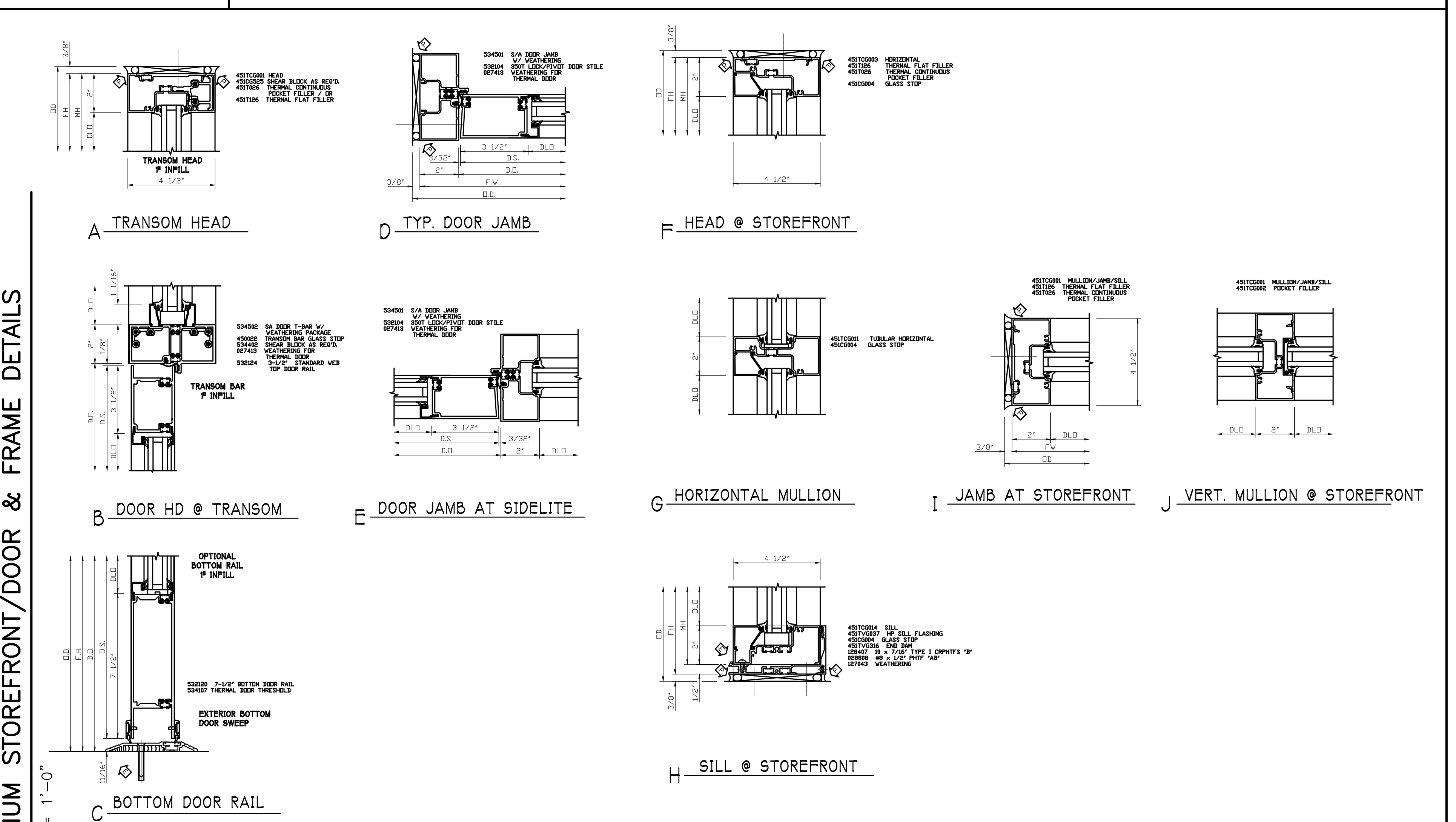
NOTE: FIELD VERIFY ALL FRAME DIM. WITH EXISTING OPENINGS BEFORE FABRICATION/INSTALLATION. INFORM OWNER/ARCH OF ANY AND ALL DISCREPANCIES.

NOTES:
1. ALL GLASS TO BE 1" THICK LOW-E TEMPERED SAFETY GLASS IN ALL ALUMINUM STOREFRONT AND ENTRY DOORS.
2. FIELD VERIFY ALL DIMENSION W/ EXISTING CONDITIONS.

ALUM. DOOR/WINDOW FRAME TYPES

SCALE 1/4" = 1'-0"

ALUMINUM STOREFRONT/DOOR & FRAME DETAILS
1 1/2" = 1'-0"



STOREFRONT AND DOOR DETAILS

NOTE: BASIS FOR DESIGN OF ALUMINUM STOREFRONT AND ENTRY SYSTEMS IS KAWNEER THERMALLY BROKEN #451T FRAMING SYSTEM AND 350T INSULPOUR ENTRY DOORS WITH 1" INSULATED GLASS.

RICHARD L. WORLEY
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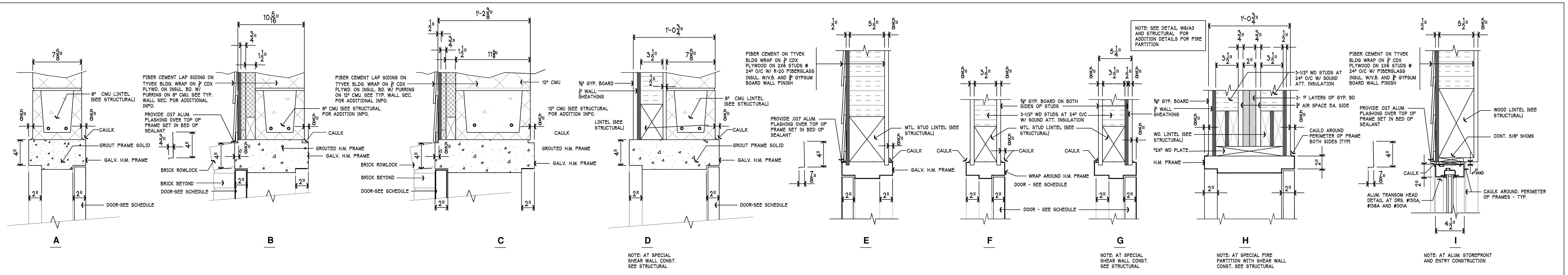
A NEW PROJECT FOR
TRANSYLVANIA COUNTY
EMERGENCY SERVICES BASE
TRANSYLVANIA COUNTY, NC

DATE 21 SEP 2022

SHEET A12

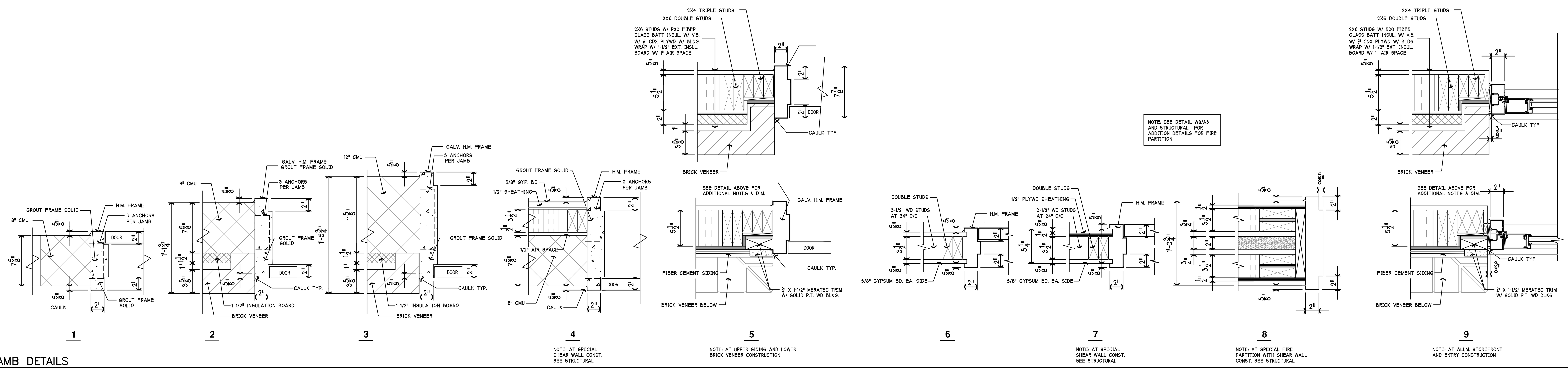
FILE NAME: RLW98.dwg

H.M. HEAD DETAILS
1 1/2" = 1'-0"

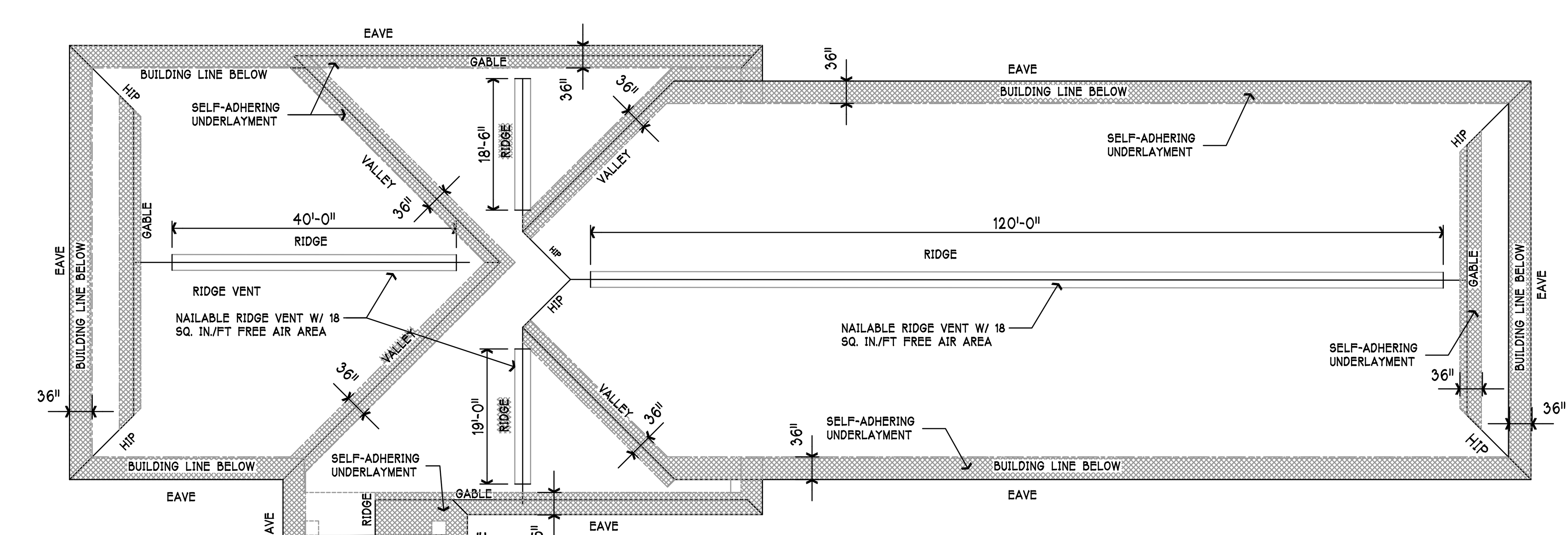


HEAD DETAILS

H.M. JAMB DETAILS
1 1/2" = 1'-0"



JAMB DETAILS



ROOF PLAN

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

FILE NAME: RLW98.dwg

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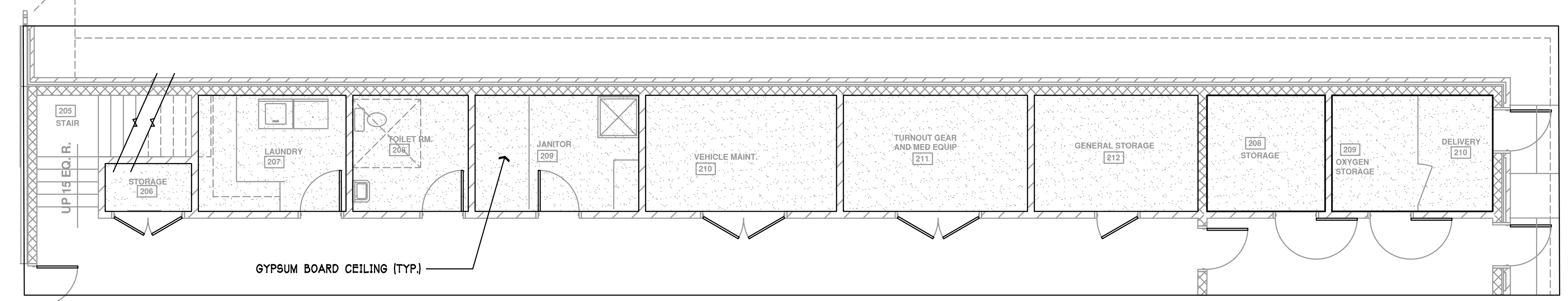
A NEW PROJECT FOR
TRANSYLVANIA COUNTY
EMERGENCY SERVICES BASE
TRANSYLVANIA COUNTY, NC

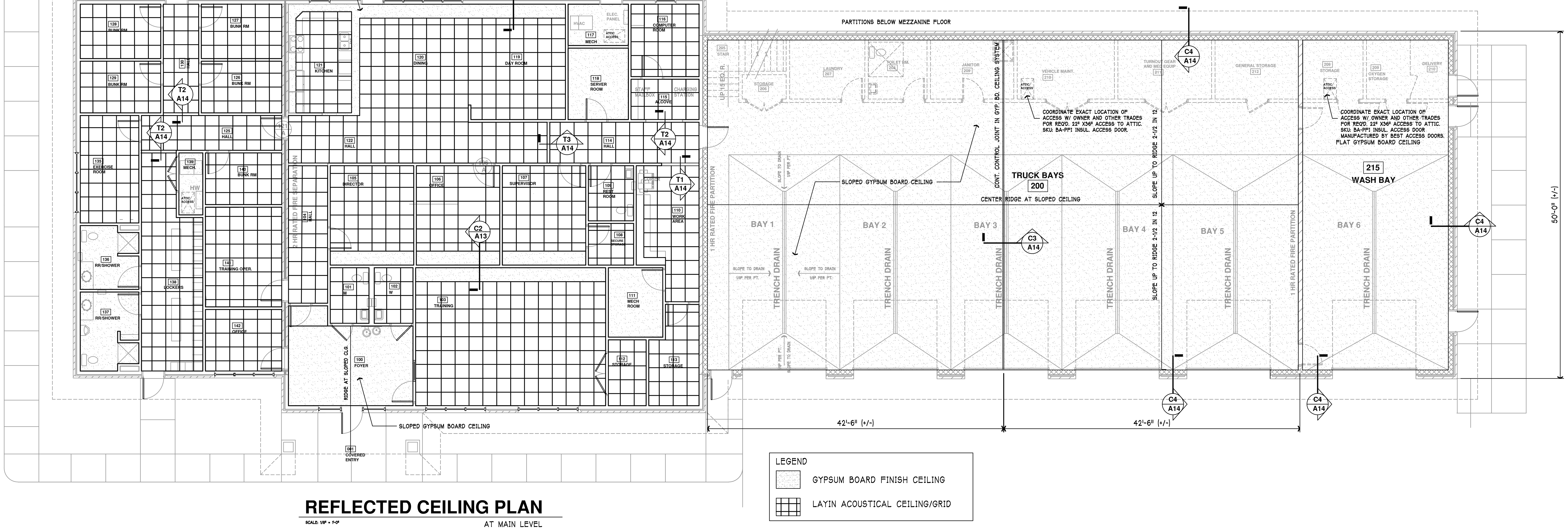
DATE 21 SEP 2022

SHEET A13



REFLECTED CEILING PLAN

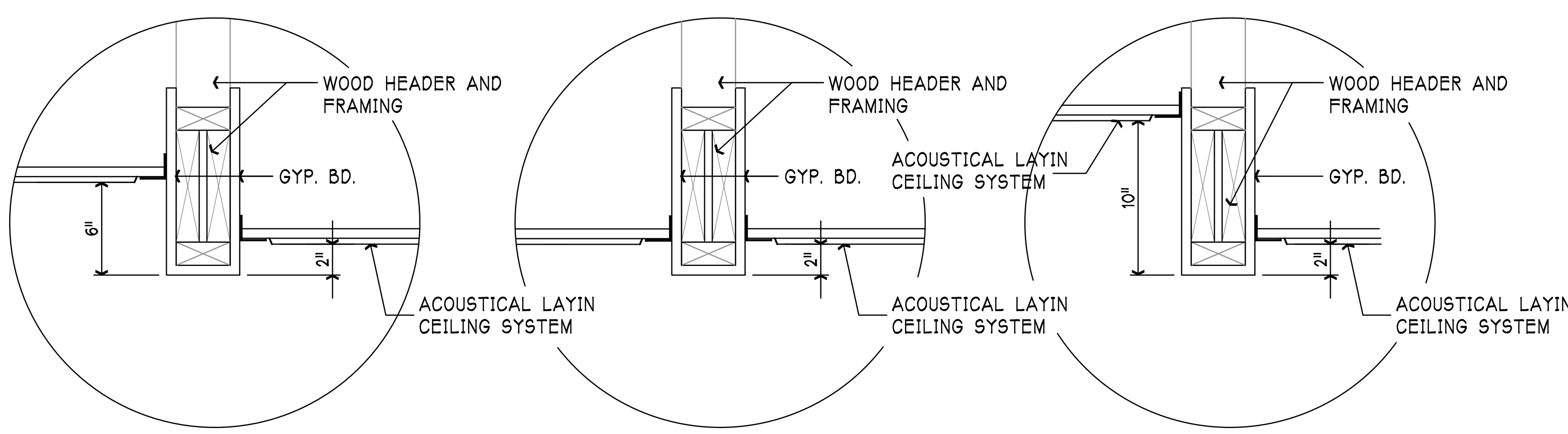
SCALE: 1/8" = 1'-0" AT ROOMS BELOW MEZZANINE



REFLECTED CEILING PLAN

SCALE: 1/8" = 1'-0" AT MAIN LEVEL

NOTE: COORDINATE DIM. WITH FINISH SCHEDULE CEILING HEIGHTS. CONSULT ARCH WITH ANY DISCREPANCIES.



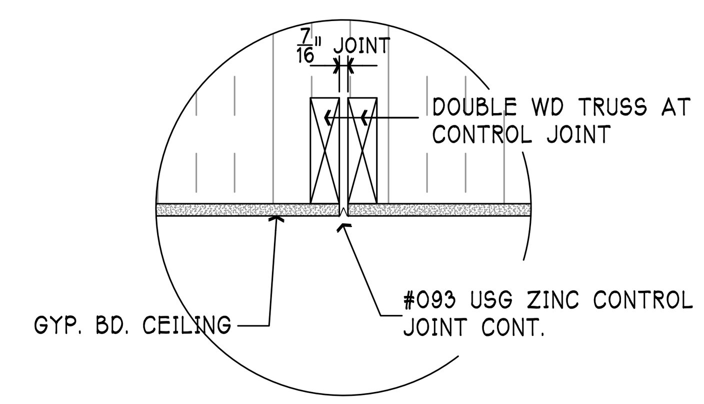
T1 A14 TRANSITION SCALE: 1-1/2"=1'-0"

T2 A14 TRANSITION SCALE: 1-1/2"=1'-0"

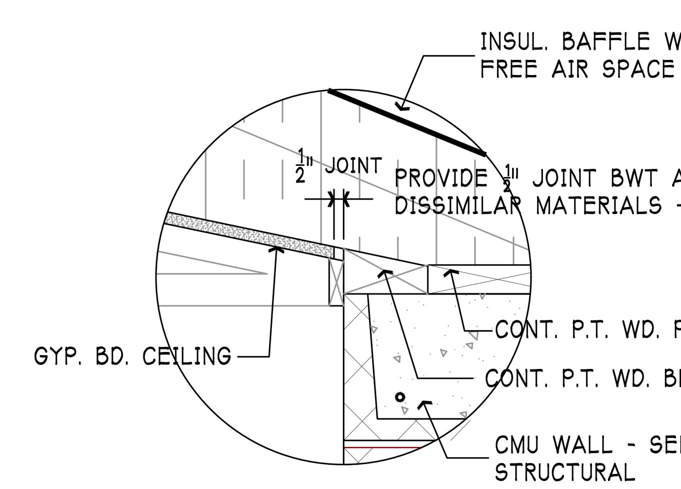
T3 A14 TRANSITION SCALE: 1-1/2"=1'-0"

CEILING TRANSITIONS

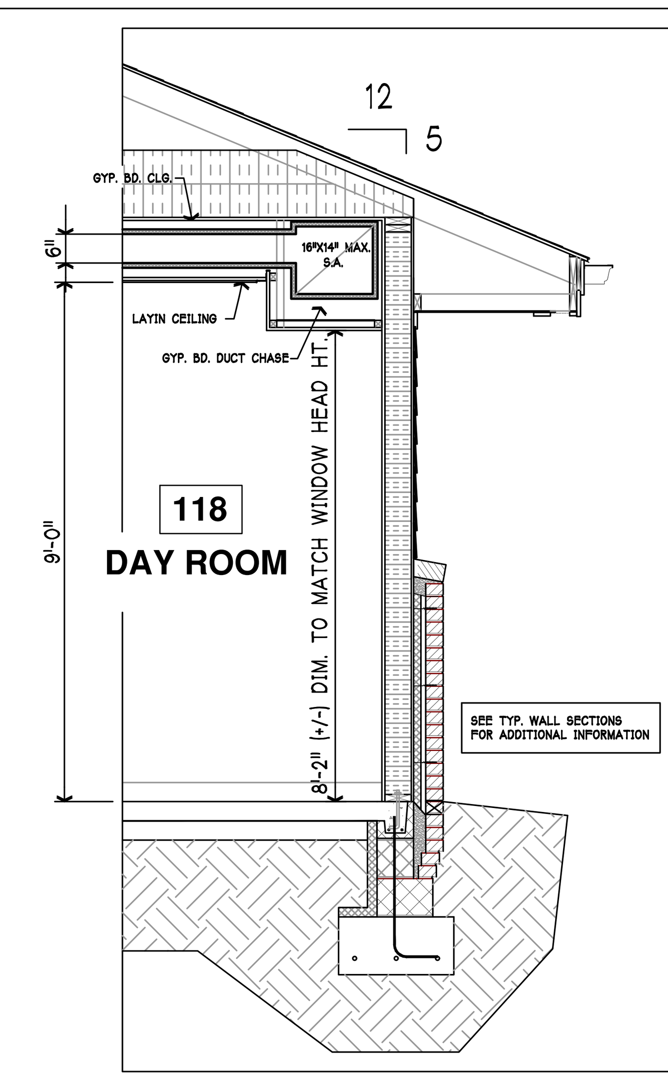
SCALE: 1-1/2"=1'-0" CONT. ACROSS CEILING



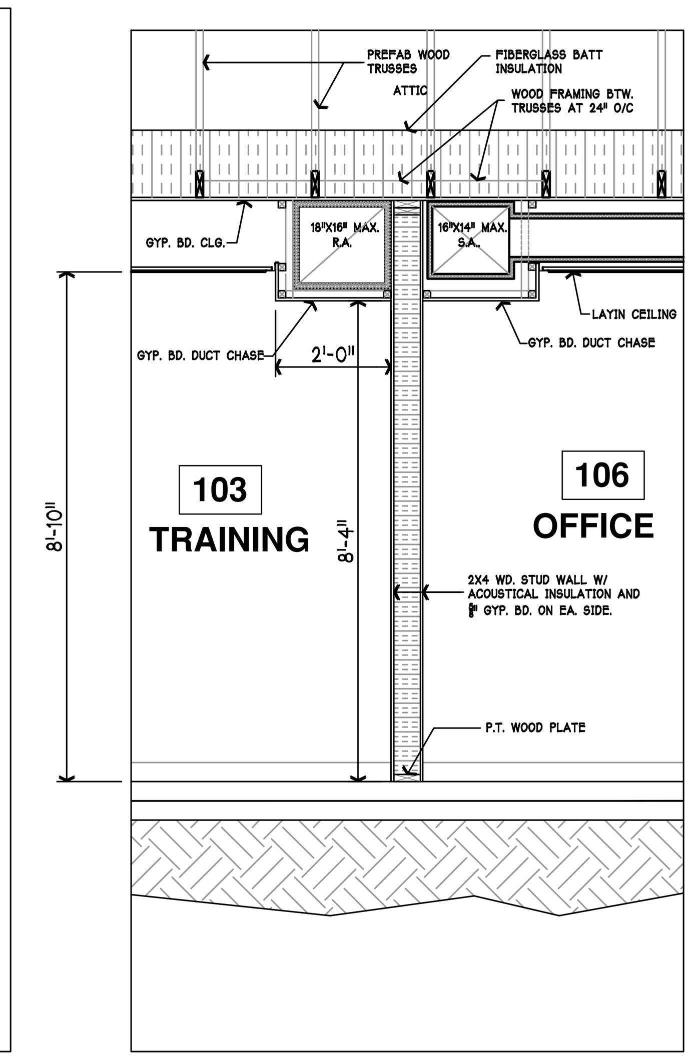
C3 A4 GYP BD CONTROL JT SCALE: 1-1/2"=1'-0" CONT. ACROSS CEILING



C4 A4 GYP BD CONTROL JT SCALE: 1-1/2"=1'-0" AT CMU WALL TYP.



C1 A4 WALL SECTION SCALE: 3/8"=1'-0" AT EXTERIOR STUD WALL



C2 A4 WALL SECTION SCALE: 3/8"=1'-0" TYP. INTERIOR STUD WALL

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A NEW PROJECT FOR TRANSYLVANIA COUNTY
EMERGENCY SERVICES BASE
TRANSYLVANIA COUNTY, NC

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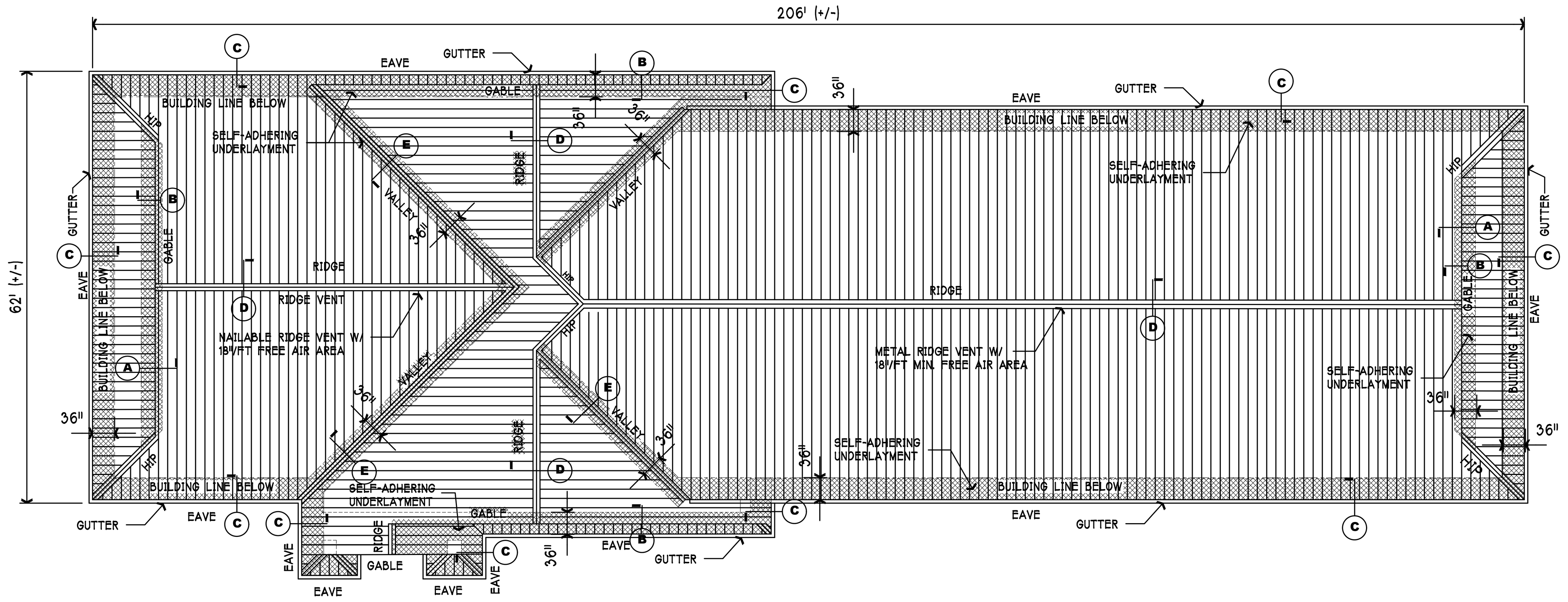
SHEET A14

FILE NAME: RLW98.dwg

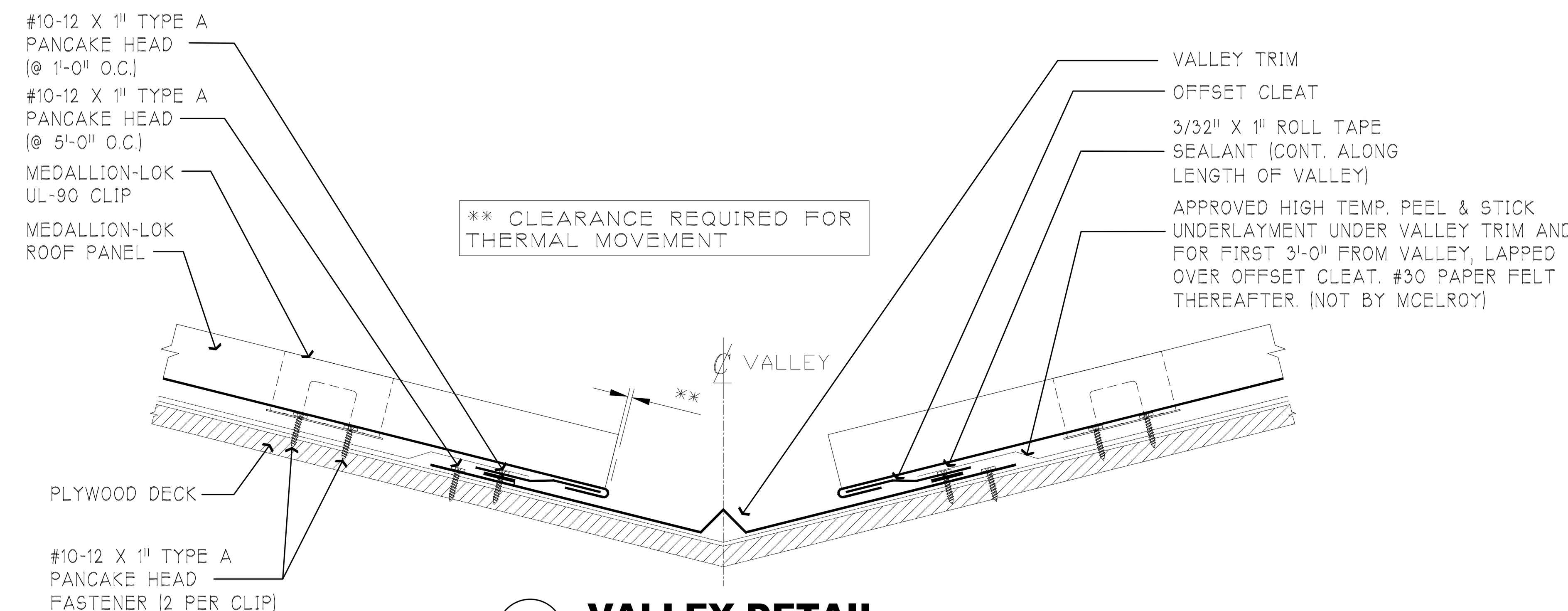
ALTERNATE #1



METAL ROOF PLAN

SCALE: NTS

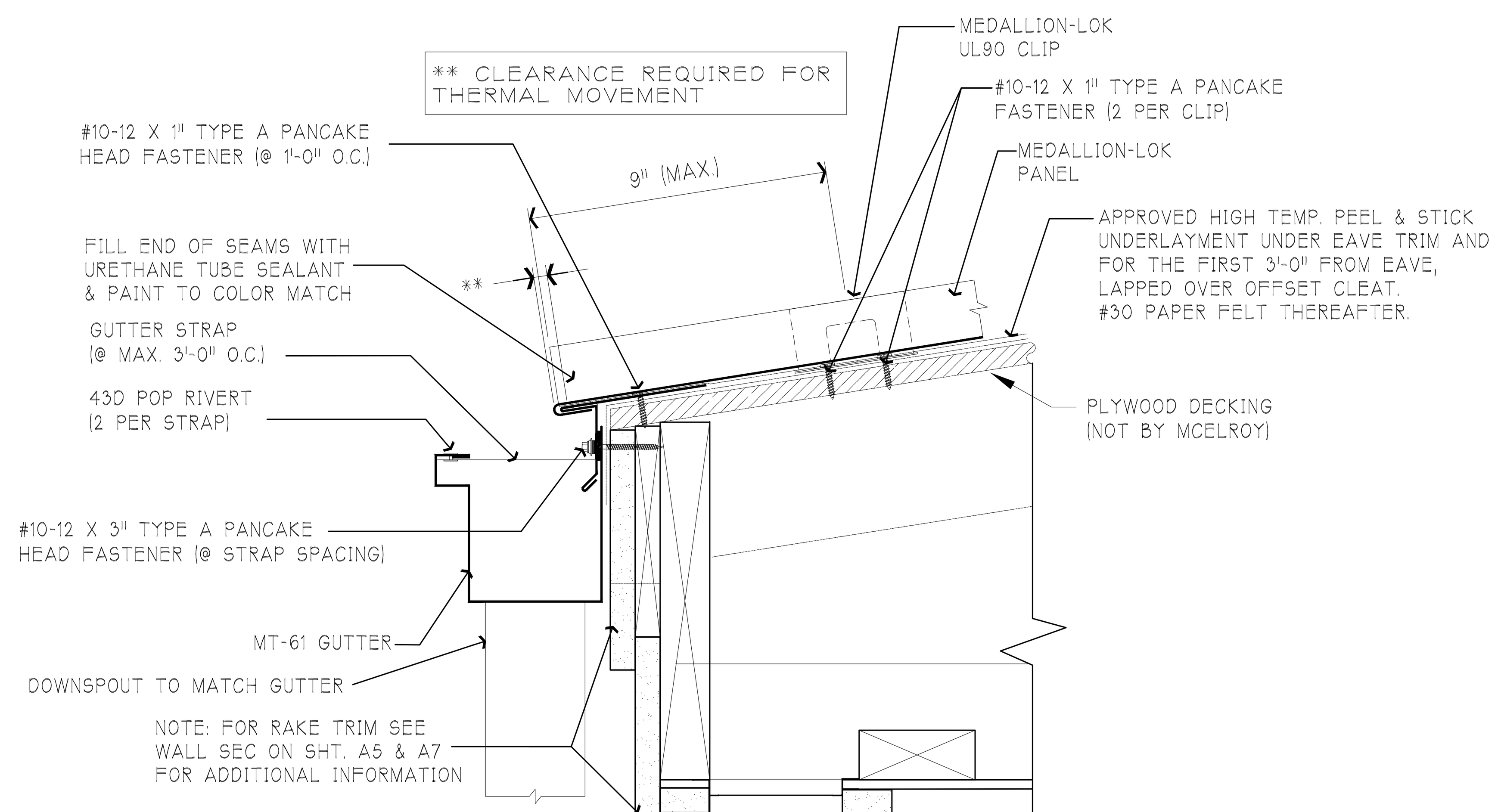
NOTE: SEE FLOOR PLAN FOR OVERALL BUILDING DIMENSIONS



E **VALLEY DETAIL**

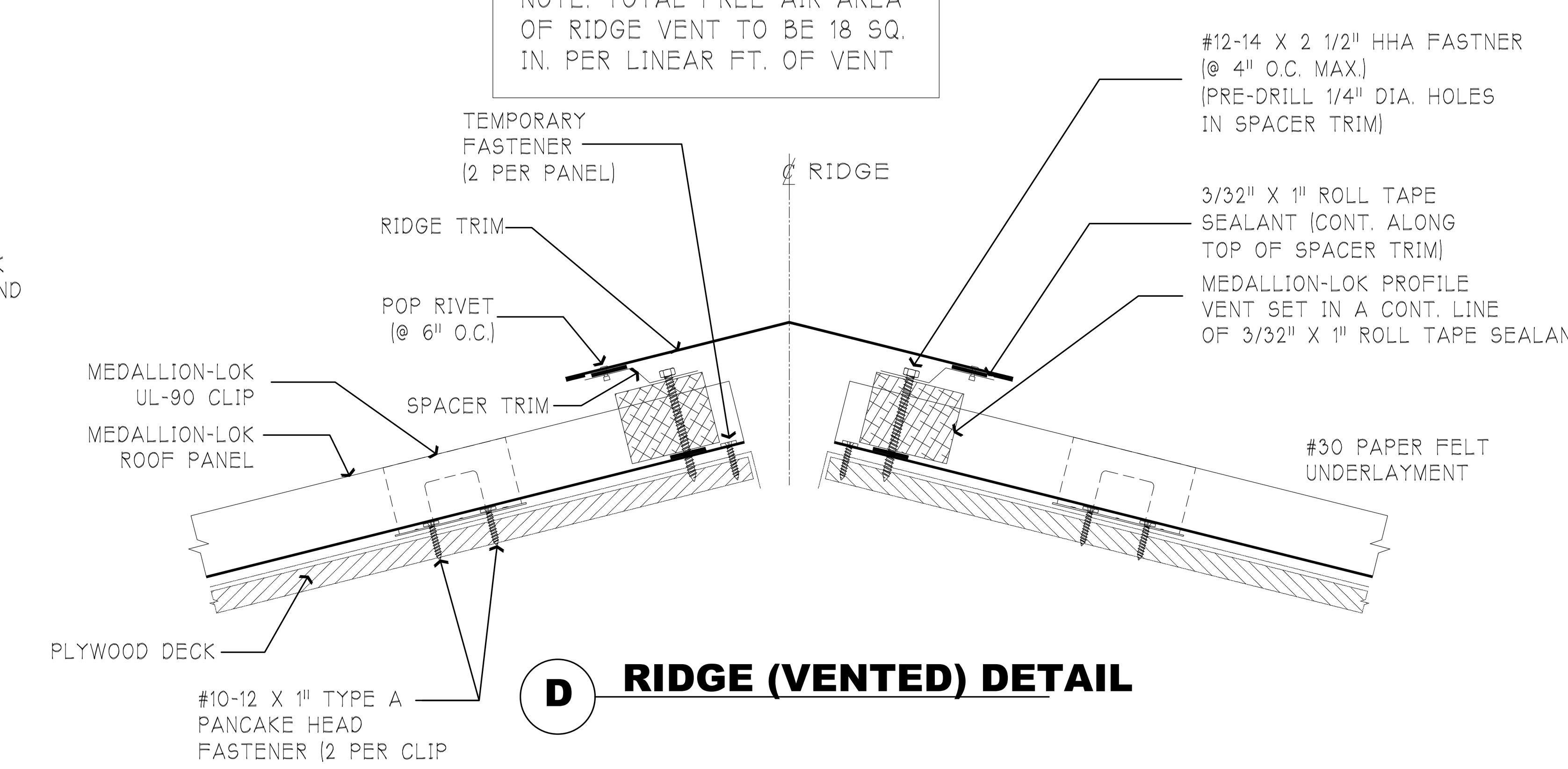
GENERAL METAL ROOFING NOTES:

1. COMPLETE SHOP DRAWINGS ARE REQUIRED FOR APPROVAL. (SEE SPECS.)
2. VERTICAL LEG STANDING SEAM PANEL W/ MALE FEMALE SEAMS THAT ARE INTERLOCKED W/ SNAPPING DURING INSTALLATION. PANEL TO HAVE 1.75" HIGH VERT. LEG W/ PANEL WIDTH 16" AND STRIATED PANEL SURFACE.
3. PANEL MATERIAL TO BE GALVALUME STEEL SHEET.
4. SUBCONTRACTOR IS CAUTIONED TO COORDINATE ALL COMPONENTS OF THE ROOFING SYSTEM WITH THE GENERAL CONTRACTOR AND CONFIRM THAT THE SCOPE OF WORK FOR ALL COMPONENTS OF THE ROOFING SYSTEM HAVE BEEN INCLUDED FOR THIS PROJECT.
5. WEATHER TIGHT WARRANTY IS REQUIRED ON THIS PROJECT. ALL WORK IS TO APPROVED BY MANUFACTURER IN ACCORDANCE WITH WARRANTY REQUIREMENTS. CONTRACTOR AND MANUFACTURER'S CERTIFICATION ARE REQUIRED.
6. COORDINATE ROOF INSTALLATION WITH ALL OTHER TRADES.
7. COORDINATE WORK TO MINIMIZE FOOT TRAFFIC AND CONSTRUCTION ACTIVITY ON INSTALLTED FINISHES SURFACES.
8. PREVENT GALVANIC ACTION OF DISSIMILAR METALS IN STRICT ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND INSTRUCTIONS.
9. DO NOT BEGIN INSTALLATION UNTIL AIR AND/OR WATER RESISTIVE BARRIERS AND FLASHINGS THAT WILL BE CONCEALED BY MATEAL PANELS ARE INSTALLED.
10. ALL PANEL TO BE CONTINUOUS LENGTH PANELS.
11. INSTALL ROOFING PANELS PLUMB, TRUE AND IN CORRECT ALIGNMENT IN ACCORDANCE WITH SHOP DRAWINGS AND MANUFACTURER'S PRINTED INSTRUCTIONS.



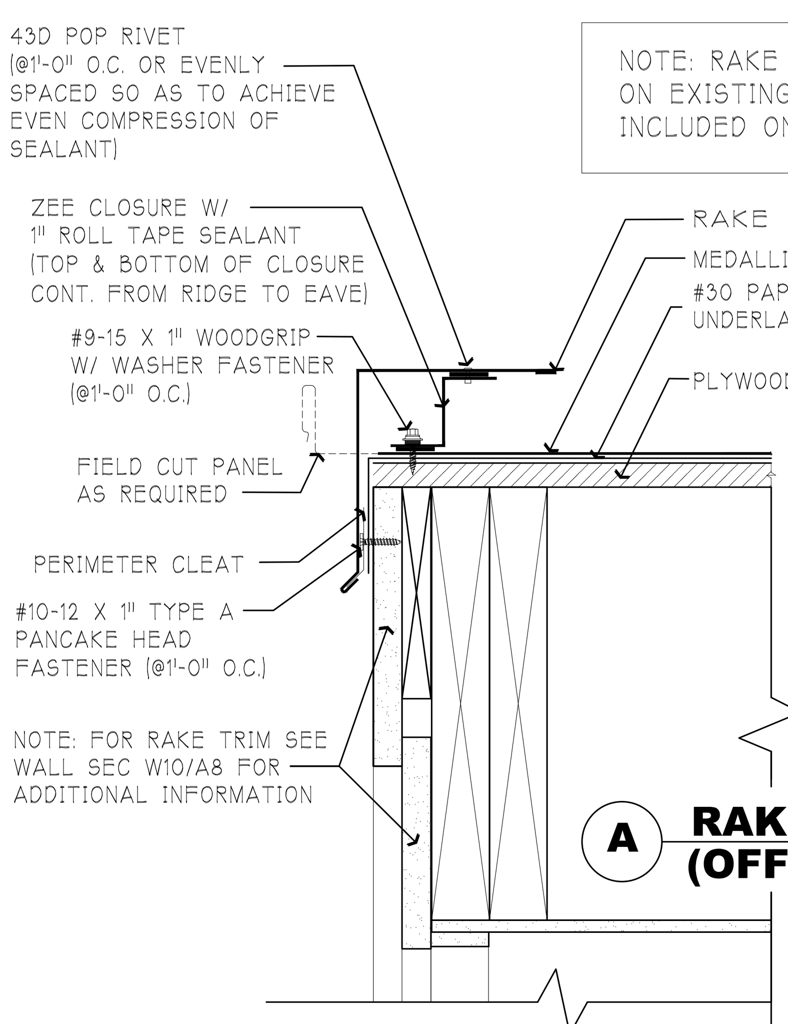
C **GUTTER DETAIL**

NOTE: TOTAL FREE AIR AREA OF RIDGE VENT TO BE 18 SQ. IN. PER LINEAR FT. OF VENT

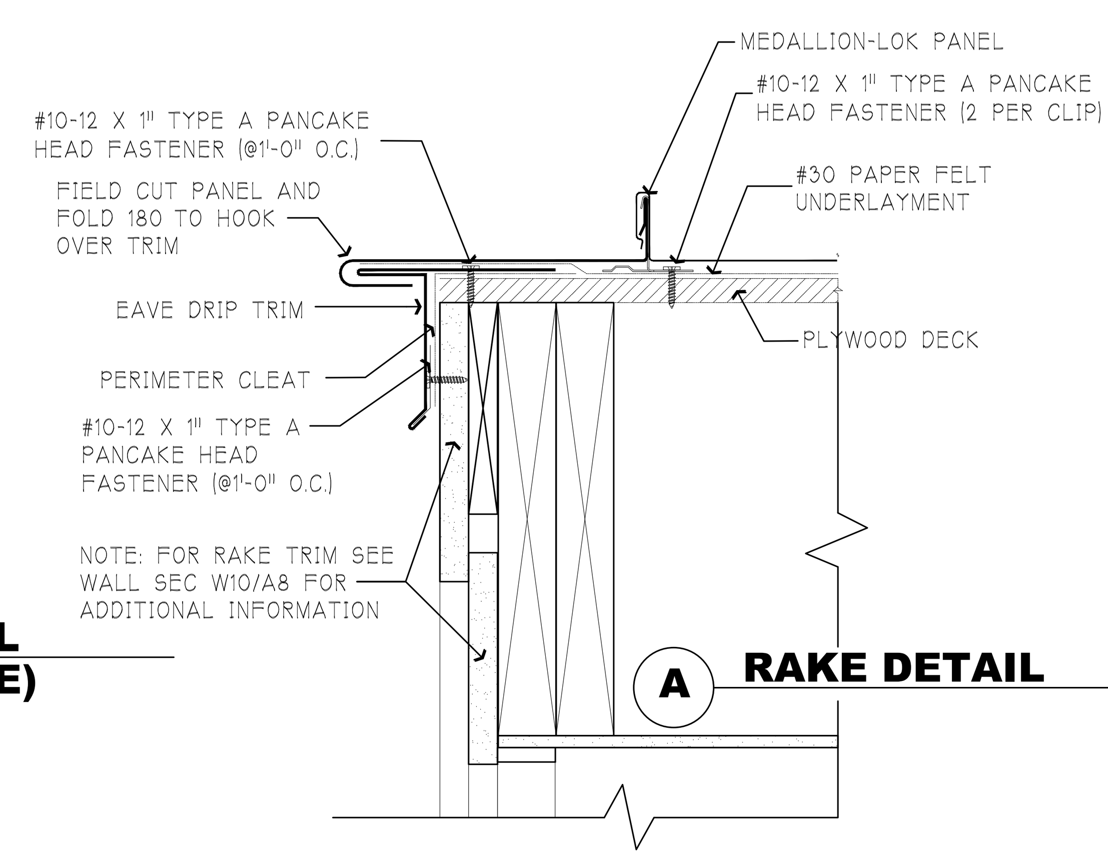


D **RIDGE (VENTED) DETAIL**

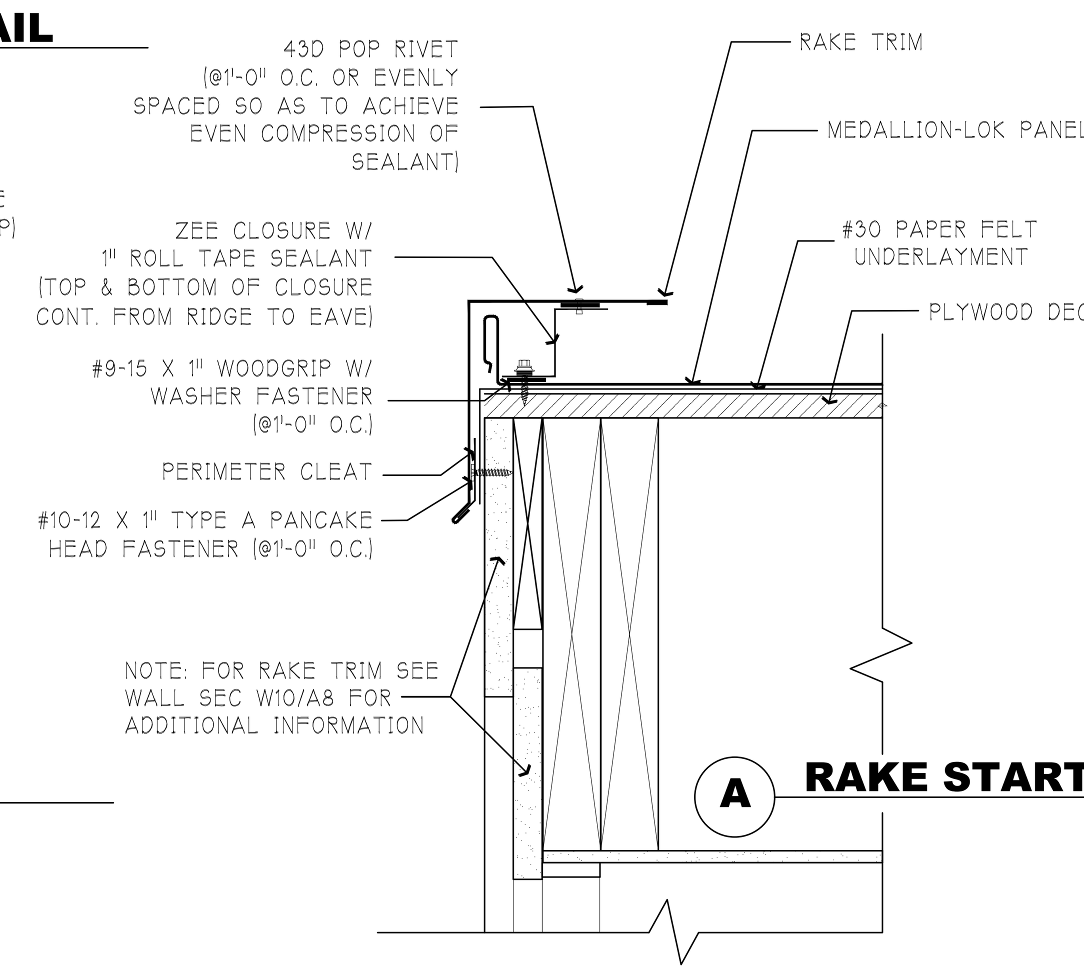
NOTE: RAKE DETAIL "A" ARE OPTIONS BELOW DEPENDING ON EXISTING CONDITIONS. ALL SUCH DETAILS ARE TO BE INCLUDED ON SHOP DRAWINGS FOR APPROVAL.



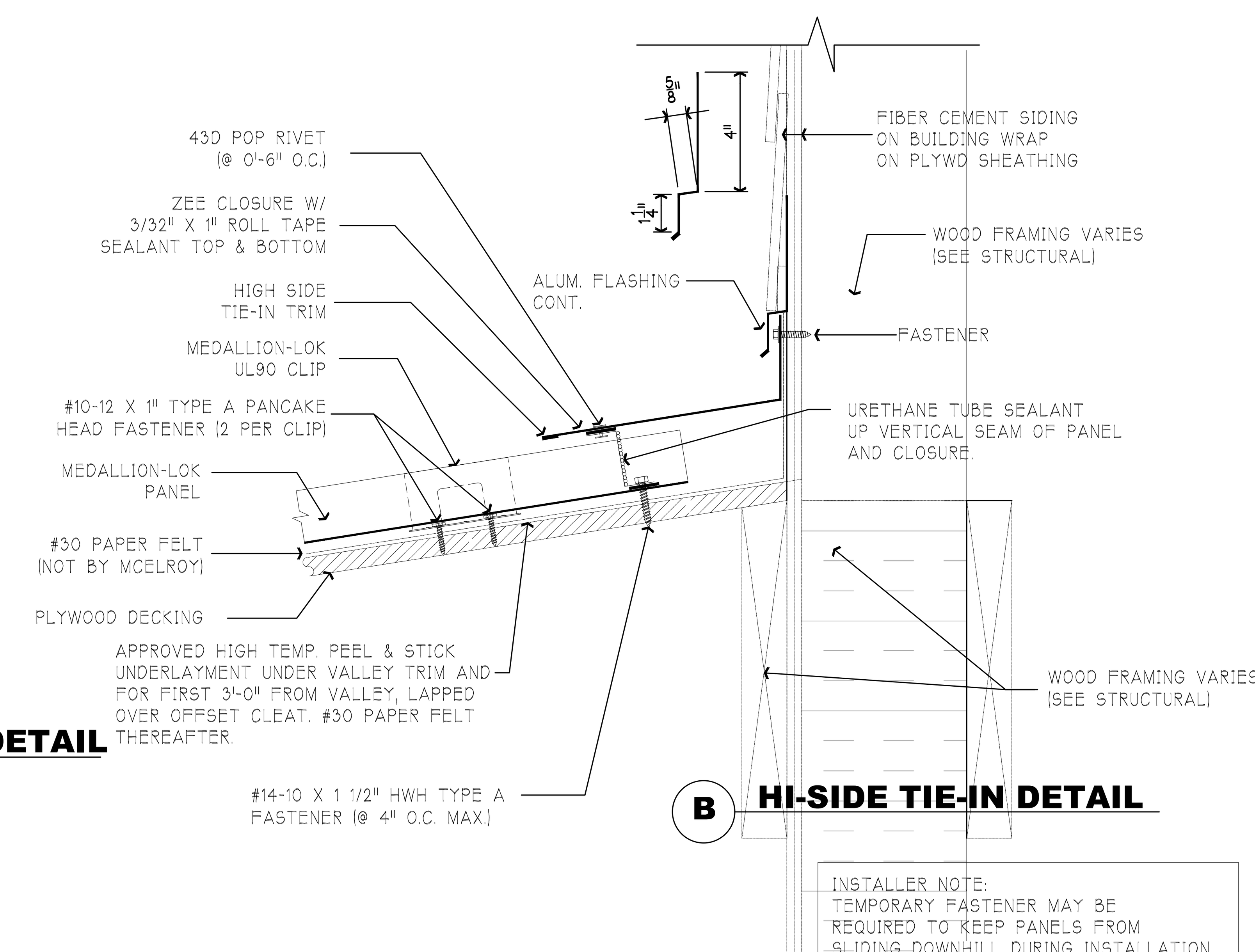
A **RAKE DETAIL (OFF MODULE)**



A **RAKE DETAIL**



A **RAKE START DETAIL**



B **HI-SIDE TIE-IN DETAIL**

INSTALLER NOTE:
TEMPORARY FASTENER MAY BE REQUIRED TO KEEP PANELS FROM SLIDING DOWNHILL DURING INSTALLATION.

METAL ROOF DETAILS

SCALE: 3" = 1'-0"

FILE NAME: RLW98.dwg

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