

ADDENDUM NO. 2 (AD-02)



PROJECT MANUAL

RICHMOND REGIONAL JUVENILE DETENTION CENTER RENOVATION

SCO # 22-24596-02A

RICHMOND REGIONAL JUVENILE DETENTION CENTER RENOVATION

269 CARTLEDGE CREEK RD
ROCKINGHAM, NC 28379

Prepared by:
Moseley Architects
Charlotte, NC
JOS # 4272
MA# 621139

Date – 3/30/2023

RICHMOND REGIONAL JUVENILE DETENTION CENTER
NORTH CAROLINA DEPARTMENT OF PUBLIC SAFETY
SCO # 22-24596-02A
Architect's Project No: 621139

GENERAL:

Planholders are requested to insert this Addendum in the front of their Project Manual. Inform all concerned that the Bidding Documents are modified by this Addendum.

The following modifications and clarifications are hereby made a part of the Bidding Documents and supersede or otherwise modify the provisions of the published *Project Manual* and *Drawings*, dated **March 30, 2023, and AD-01 dated May 24, 2023.**

Refer to the Drawings, Specification Sections, or other Documents, if any, attached to this Addendum, which are hereby made a part of this Addendum.

A Pre-Bid Conference was held on May 16, 2023. A copy of the sign-in log has been posted to www.moseleyarchitects.com/bidding for information only and is not considered a part of the Bidding Documents.

MODIFICATIONS TO THE PROJECT MANUAL:

PROJECT COVER SHEET

REPLACE this sheet.

MODIFICATIONS TO DRAWINGS:

SHEET LS1.1

REPLACE with attached.

SHEET A2.0.0

REPLACE with attached.

SHEET A2.1.2

REPLACE with attached.

SHEET A5.1.1

REPLACE with attached.

REFER TO DRAWINGS ATTACHED TO THE END OF THIS ADDENDUM

LS1.1

A2.0.0

A2.1.2

A5.1.1

REFER TO SPECIFICATION SECTIONS ATTACHED TO THE END OF THIS ADDENDUM

PROJECT COVER SHEET

QUESTIONS AND ANSWERS (Unless noted otherwise, reference attached revised Drawings and Specification Sections attached to Addendum No. 2)

RICHMOND REGIONAL JUVENILE DETENTION CENTER
NORTH CAROLINA DEPARTMENT OF PUBLIC SAFETY
SCO # 22-24596-02A
Architect's Project No: 621139

QUESTION: On the (2) existing wing...I don't where it call for any work to be done correct?...no flashing of new units or anything?...I know we will have to tie back into new building but other than that I don't see anything...can you confirm?

ANSWER: Refer to Drawings & Specifications for information on tie back to new buildings, A2 series, A4.1.0, A5.1.0, A5.1.1, A5.2.1, A10.1.0.

QUESTION: Question regarding the PEMB metal wall panels: Specifications 133419-11 call for a regular metal panel (non-insulated). Plans A0.2.0 (Wall Type WA3) call for an insulated metal wall panel. This is a conflict, which should we follow? According to wall type WA3, there is batten insulation sandwiched between two metal wall panels. Having an insulated metal wall panel on the outside will be likely be unnecessary and will greatly increase the cost of the PEMB.

ANSWER: Refer to revised Drawings attached.

QUESTION: Is conduit and wiring for Security Electronics hardware provided by the Security Electronics Sub-contractor?

ANSWER: Refer to Division 28, Section 285000.

END OF ADDENDUM NO 02

**2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)**
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: **Recreational Building - Richmond County Juvenile Detention Center Renovation & Addition**
Address: **269 Cartledge Creek Road, Rockingham NC** Zip Code: **28379**
Owner/Authorized Agent: **Michael Gashaw, PE** Phone #: **919-324-1241**
E-Mail: **michael.gashaw@ncdps.gov**
Owned By: **State**
Code Enforcement Jurisdiction: **State**

CONTACT: Jason Hopkins, AIA jhopkins@moseleyarchitects.com
Architectural: **Moseley Architects** Daniel Mace 812 (704) 540-3755 dmace@moseleyarchitects.com
Civil: **Timmmons Group** Blake Hall 038616 (828) 242-0578 blake.hall@timmmons.com
Electrical: **Moseley Architects** Brian Wells 040702 (704) 540-3755 bwells@moseleyarchitects.com
Fire Alarm: **Moseley Architects** Brian Wells 040702 (704) 540-3755 bwells@moseleyarchitects.com
Plumbing: **Moseley Architects** Jason P. Forsyth 037569 (704) 540-3755 jpforsyth@moseleyarchitects.com
Mechanical: **Moseley Architects** Jason P. Forsyth 037569 (704) 540-3755 jpforsyth@moseleyarchitects.com
Sprinkler-Standpipes: **Moseley Architects** Jason P. Forsyth 037569 (704) 540-3755 jpforsyth@moseleyarchitects.com
Structural: **Moseley Architects** Steven Cooke 034344 (704) 540-3755 sscooke@moseleyarchitects.com
Roofing Walls >5' High: **Moseley Architects** Steven Cooke 034344 (704) 540-3755 sscooke@moseleyarchitects.com
Other: ()

2018 NC CODE FOR: ☒ New Construction ☐ Addition ☐ Renovation
☐ 1st Time Interior Completion
☐ Shell/Core
☐ Phased Construction – Shell/Core
☐ Renovation
2018 NC EXISTING BUILDING CODE: ☐ Prescriptive ☐ Repair ☐ Chapter 14
☐ Alteration: ☐ Level I ☐ Level II ☐ Level III
☐ Historic Property ☐ Change of Use
CONSTRUCTED:(date) ORIGINAL OCCUPANCY(S) (Ch. 3):
RENOVATED: (date) CURRENT OCCUPANCY(S) (Ch. 3):

Risk Category (Table 1604.5): Current: **NA** Proposed: **III**

BASIC BUILDING DATA

Construction Type: **II-B**

Sprinklers: **Yes** **NFPA 13**

Standpipes: **No**

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

Special Inspections Required: **Yes** (Contact the local inspection jurisdiction for additional procedures and requirements.)

2018 NC Administrative Code and Policies

Appendix B for Building

FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	RENO/ALTER (SQ FT)	SUB-TOTAL
3 rd Floor				
2 nd Floor				
1 st Floor		4,168sf		
TOTAL:				4,168sf

ALLOWABLE AREA

Primary Occupancy Classification(s): **Institutional - I-3 Condition 4N/A**

Accessory Occupancy Classification(s):

Incidental Uses (Table 509):

Special Uses (Chapter 4 – List Code Sections):

Special Provisions: (Chapter 5 – List Code Sections):

Mixed Occupancy: **Yes** Separation: **N/A** Exception: **Non-Separated Use (508.3)**

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 ¹ AREA	(C) AREA FOR FRONTAGE INCREASE ^{1,3}	(D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{2,3}
1	I-3	4160	40,000	n/a	40,000

¹ Frontage area increases from Section 506.2 are computed thus:

a. Perimeter which fronts a public way or open space having 20 feet minimum width = 1200 (F)

b. Total Building Perimeter = 1375 (F)

c. Ratio (F/P) = .87 (F/P)

d. W = Minimum width of public way = 25' (W)

e. Percent of frontage increase (F/P - 0.25) x W/30 = 51.6 (%)

² Unlimited area applicable under conditions of Section 507.

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

⁴ 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.

⁵ Frontage increase is based on the un sprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 503)	SHOWN ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)	75'	24'	T504.3
Building Height in Stories (Table 504.4)	2	1	T504.4

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

² The maximum height of air traffic control towers must comply with Table 412.3.1

³ The maximum height of open parking garages must comply with Table 406.5.4

2018 NC Administrative Code and Policies

Appendix B for Building

CODE DATA SUMMARY

THIS SUMMARY DOES NOT IDENTIFY ALL APPLICABLE CODE SECTIONS AND IS A SUMMARY OF SELECTED CODE SECTIONS ONLY. CODE SECTIONS NOT IDENTIFIED OR OTHERWISE INDICATED DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND REGULATIONS TO COMPLETE THE WORK.

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RTO ²	RATING PROVIDED (W/ REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
Primary Structural Frame, including columns, girders, trusses		0 HR	0 HR	--	--	--	--
Heating Walls		0 HR	0 HR	--	--	--	--
Exterior	0 HR	0 HR	--	--	--	--	--
North	0 HR	0 HR	--	--	--	--	--
East	0 HR	0 HR	--	--	--	--	--
West	0 HR	0 HR	--	--	--	--	--
South	0 HR	0 HR	--	--	--	--	--
Interior	0 HR	0 HR	--	--	--	--	--
Nonbearing Walls and Partitions							
Exterior walls							
North	0 HR	0 HR	--	--	--	--	--
East	0 HR	0 HR	--	--	--	--	--
West	0 HR	0 HR	--	--	--	--	--
South	0 HR	0 HR	--	--	--	--	--
Interior walls and partitions	0 HR	0 HR	--	--	--	--	--
Floor Construction							
Including supporting beams and joists	0 HR	0 HR	--	--	--	--	--
Roof Construction, including supporting beams and joists	0 HR	0 HR	--	--	--	--	--
Shaft Enclosures - Elev	N/A	--	--	--	--	--	--
Shaft Enclosures - Other	N/A	--	--	--	--	--	--
Corridor Separation	0 HR	0 HR**	--	--	--	--	--
Occupants Fire Barrier Separation	--	--	--	--	--	--	--
Party/Fire Wall Separation	N/A	--	--	--	--	--	--
Smoke Barrier Separation	N/A	--	--	--	--	--	--
Smoke Partition	N/A	--	--	--	--	--	--
Ground Dwelling Unit/ Sleeping Unit Separation	N/A	--	--	--	--	--	--
Incidental Use Separation	N/A	--	--	--	--	--	--

* Indicate section number permitting reduction
** Corridor separation required at I-3 areas only.

PERCENTAGE OF WALL OPENING CALCULATIONS

FIRE SEPARATION DISTANCE, FEET FROM PROPERTY LINES	DEGREES OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
30' +	UP-5	NO LIMIT	

2018 NC Administrative Code and Policies

Appendix B for Building

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: **Yes**
Exit Signs: **Yes**
Fire Alarm: **Yes**
Smoke Detection Systems: **Yes**
Carbon Monoxide Detection: **Yes**

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: **LS2.1**

- ☒ 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) – LS2.2
☒ Occupant loads for each area - LS2.2
☒ Exit access travel distances (1017)
☒ Common path of travel distances (Tables 1006.2.1 & 1006.3.2(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)

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

2018 NC Administrative Code and Policies

Appendix B for Building

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 ANGLE	VAN SPACES WITH 132" ACCESS ANGLE	W ACCESS ANGLE	
TOTAL						

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

USE	TUBS	WATERCLOSETS			URINALS			LAVATORIES			SHOWERS / TUBS	DRINKING FOUNTAINS	
		MALE	FEMALE	UNSEX	MALE	FEMALE	UNSEX	MALE	FEMALE	UNSEX		REGULAR	ACCESSIBLE
SPAC E	EXIST'G	1	1					1	1	0		1	1
	NEW	1	1					1	1			1	1
	REQ'D	1	1					1	1			1	1

SPECIAL APPROVALS

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

SCO

ENERGY SUMMARY**ENERGY REQUIREMENTS:**

The following data shall be considered minimum and any special attribute required to meet the North Carolina Energy Conservation Code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: ☐ No ☐ Yes (The remainder of this section is not applicable)

Exempt Building: ☐ No ☐ Yes (Provide Code or Statutory reference):

Climate Zone: ☒ 3A ☐ 4A ☐ 5A **AD 02**

Method of Compliance: Energy Code: ☒ Performance ☐ Prescriptive
ASHRAE 90.1 ☐ Performance (If "Other" specify source here)

THERMAL ENVELOPE (Prescriptive method only)**Roof/Ceiling Assembly (each assembly)**

Description of assembly: **See A7.1.2**

U-Value of total assembly: **0.04**

R-Value of insulation: **R10ci + R-19**

Skylights in each assembly: **0**

U-Value of skylight: **NA**

Total square footage of skylights in each assembly: **NA**

Exterior Walls (each assembly)

Description of assembly: **See A5.1.1**

U-Value of total assembly: **0.07**

R-Value of insulation: **R-13**

Openings (windows or doors with glazing)

U-Value of assembly: **.32**

Solar heat gain coefficient: **.25**

Projection factor:

Door R-Values: **R-1.42**

Walls below grade (each assembly)

Description of assembly: **--**

U-Value of total assembly: **--**

R-Value of insulation: **--**

Floors over unconditioned space (each assembly)

Description of assembly: **--**

U-Value of total assembly: **--**

R-Value of insulation: **--**

Floors slab on grade

Description of assembly: **4" Conc. Slab on grade**

U-Value of total assembly: **.067**

R-Value of insulation: **n/a**

Horizontal/Vertical requirement: **n/a**

Slab Heated: **--**

2018 NC Administrative Code and Policies

Appendix B for Building

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)****DESIGN LOADS:**

Importance Factors: Wind (I_w) **1.0**
Snow (I_s) **1.1**
Seismic (I_e) **1.25**
Live Loads: Roof 20 psf
Mezzanine N/A
Floor 100 psf
Ground Snow Load: 10 psf
Wind Load: Basic Wind Speed 124 mph (ASCE-7)
Exposure Category **B**

SEISMIC DESIGN CATEGORY: C

Provide the following Seismic Design Parameters:

Risk Category (Table 1604.5) **III**

Spectral Response Acceleration S_s 27.6 %g

S_i 11.3 %g

Site Classification (ASCE 7) **D**

Data Source: **Field Test**

Basic structural system **Moment Frame**

Analysis Procedure: **Equivalent Lateral Force**

Architectural, Mechanical, Components anchored? **Yes**

LATERAL DESIGN CONTROL: Wind**SOIL BEARING CAPACITIES:**

Field Test (provide copy of test report) 2000 psf
Pile size, type, and capacity N/A

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)****MECHANICAL SUMMARY****MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT****Thermal Zone**

winter dry bulb: **26.5F**
summer dry bulb: **93.0F**

Interior design conditions

winter dry bulb: **70F**
summer dry bulb: **75F**
relative humidity: **50%**

Building heating load: **54 MBH**

Building cooling load: **4.9 Tons**

Mechanical Spacing Conditioning System

Unitary

description of unit: **Packaged**

Heat Pumps

heating efficiency: **3.5 COP**

cooling efficiency: **14 SEER**

size category of unit: **Varies**

Boiler

Size category. If oversized, state reason: **NA**

Chiller

Size category. If oversized, state reason: **NA**

List equipment efficiencies: **Varies**

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)****ELECTRICAL SUMMARY****ELECTRICAL SYSTEM AND EQUIPMENT**

Method of Compliance: Energy Code: ☐ Prescriptive ☐ Performance
ASHRAE 90.1: ☒ Prescriptive ☐ Performance

Lighting schedule (each fixture type)

lamp type required in fixture. **Refer to fixture schedule on plans.**

number of lamps in fixture. **Refer to fixture schedule on plans.**

ballast type used in the fixture. **LED driver.**

number of ballasts in fixture total wattage per fixture **One Driver**

total interior wattage specified vs. allowed (whole building) specified = 0.51 allowed = 0.64

total exterior wattage specified vs. allowed Zone 3, Canopies, specified = 0.03 allowed = 0.06

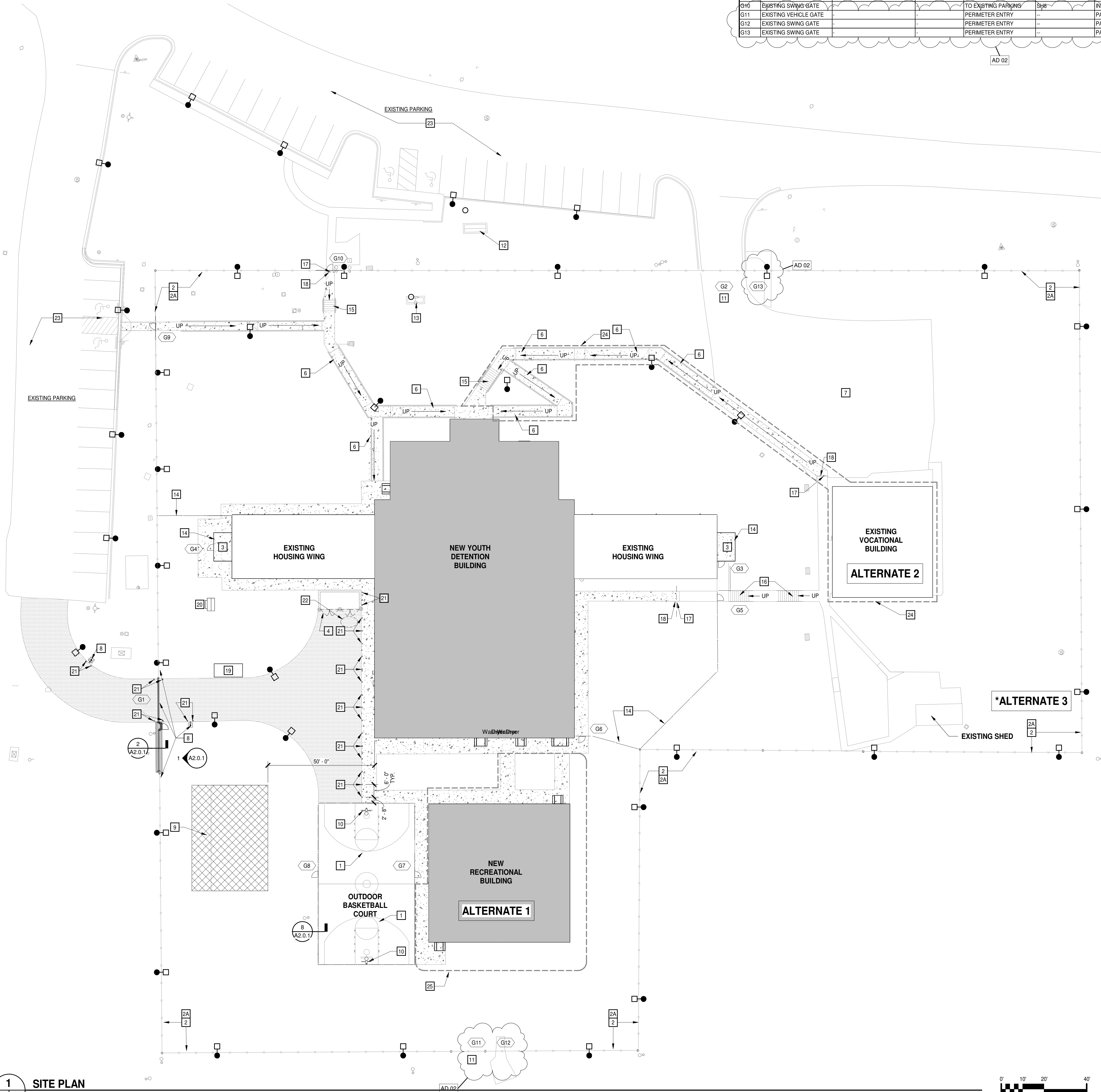
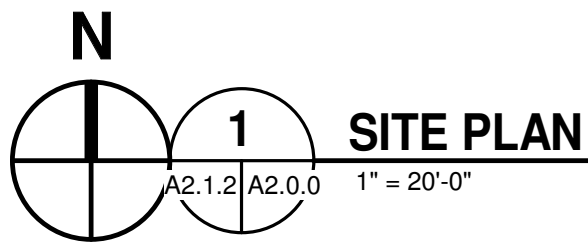
Additional Efficiency Package Options

(When using the 2018 NCECC; not required for ASHRAE 90.1)

- ☐ C406.2 More Efficient Mechanical Equipment
☐ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System
☐ C406.7 Reduced Energy Use in Service Water Heating



5/25/2023 2:03:41 PM



GATE SCHEDULE						
GATE #	GATE TYPE	MATERIAL	GATE SIZE	LOCATION	HARDWARE SET	NOTE
G1	SLIDING VEHICLE GATE	BLACK VINYL COATED GALV STL	20'-0"W X 8'-0"H	PERIMETER ENTRY	--	INTERFACE W/ SECURITY CONTROL SYSTEM
G2	EXISTING VEHICLE GATE	--	--	EXIST FIRE ACCESS	--	PADLOCKED BY OWNER, FIRE DEPT. ACCESS
G3	SWING GATE	GALV STL	3'-0"W X 7'-0"H	SALLY PORT - E100	SH8	INTERFACE W/ SECURITY CONTROL SYSTEM
G4	SWING GATE	GALV STL	3'-0"W X 7'-0"H	SALLY PORT - W100	SH8	INTERFACE W/ SECURITY CONTROL SYSTEM
G5	SWING GATE	GALV STL	3'-0"W X 7'-0"H	TO VOCATIONAL BLDG	--	PADLOCKED BY OWNER
G6	SWING GATE	GALV STL	4'-0"W X 7'-0"H	TO RECREATION BLDG	--	PADLOCKED BY OWNER
G7	SWING GATE	GALV STL	4'-0"W X 7'-0"H	BASKETBALL - EAST	--	PADLOCKED BY OWNER
G8	SWING GATE	GALV STL	4'-0"W X 7'-0"H	BASKETBALL - WEST	--	PADLOCKED BY OWNER
G9	EXISTING SWING GATE	--	--	TO EXISTING PARKING	SH8	INTERFACE W/ SECURITY CONTROL SYSTEM
G10	EXISTING SWING GATE	--	--	TO EXISTING PARKING	SH8	INTERFACE W/ SECURITY CONTROL SYSTEM
G11	EXISTING VEHICLE GATE	--	--	PERIMETER ENTRY	--	PADLOCKED BY OWNER
G12	EXISTING SWING GATE	--	--	PERIMETER ENTRY	--	PADLOCKED BY OWNER
G13	EXISTING SWING GATE	--	--	PERIMETER ENTRY	--	PADLOCKED BY OWNER

ARCHITECTURAL SITE PLAN KEYNOTES

REPRESENTED BY [11]

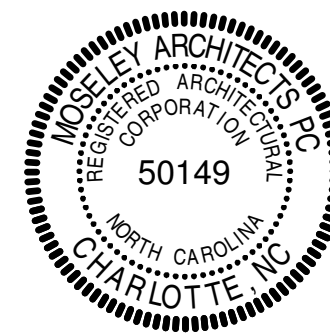
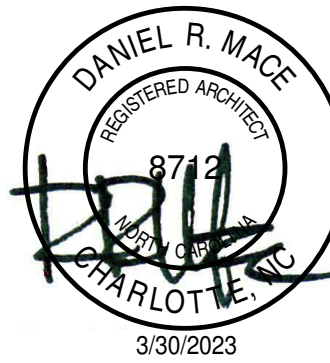
- 1 PAINTED BASKETBALL COURT LINES
- 2 EXISTING SECURITY FENCING
- *2A ALTERNATE 3 - REMOVE EXISTING AND REPLACE WITH ARCHED SECURITY FENCE - REF A2.0.1
- 3 SALLYPORT
- 4 8'-0" CHAIN LINK ENCLOSURE WITH PRIVACY SLATS DUMPSTER GATE - REFER TO CIVIL
- 6 ADA RAMP WITH HANDRAILS - REFER TO CIVIL
- 7 EXISTING ASPHALT LOT
- 8 VEHICLE SLIDING GATE & PEDESTALS -MODIFY EXISTING FENCE AS REQUIRED FOR NEW GATE
- 9 CONTAINMENT AREA - SIZED FOR 50 INMATES AT 15 SF PER INMATE
- 10 EXTERIOR BASKETBALL ASSEMBLY - REFER TO DIV 11
- 11 EXISTING VEHICLE GATE
- 12 EXISTING MONUMENT SIGN - REFER TO ELECTRICAL
- 13 EXISTING FLAG POLES - REFER TO ELECTRICAL
- 14 SECURITY FENCING TO MATCH EXISTING
- 15 STEPS WITH HANDRAILS- REFER TO CIVIL
- 16 EXISTING STAIR - REFER TO CIVIL
- 17 APPROXIMATE EXTENT OF EXISTING SIDEWALK - REFER TO CIVIL
- 18 APPROXIMATE EXTENT OF NEW SIDEWALK - REFER TO CIVIL
- 19 GENERATOR ON PAD - REFER TO ELECTRICAL
- 20 TRANSFORMER ON PAD - REFER TO ELECTRICAL
- 21 BOLLARDS
- 22 GREASE INTERCEPTOR - REFER TO PLUMBING AND CIVIL
- 23 PARKING - REFER TO CIVIL
- 24 ALTERNATE 2 - VOCATIONAL BUILDING AND ASSOCIATED RAMP - REFER TO CIVIL
- 25 ALTERNATE 1 - RECREATIONAL BUILDING, AND ASSOCIATED SIDEWALKS- REFER TO CIVIL

ARCHITECTURAL SITE PLAN LEGEND

SYMBOL DESCRIPTION

- LIGHT FIXTURE, POLE MOUNT.

MOSELEYARCHITECTS



RICHMOND REGIONAL JUVENILE DETENTION CENTER -

RENOVATION

SCO ID# 22-24596-02A

N.C. DEPARTMENT OF PUBLIC SAFETY

269 CARTLEDGE CREEK RD ROCKINGHAM, NC 28379

PROJECT NO: 821139

DATE: 03/30/2023

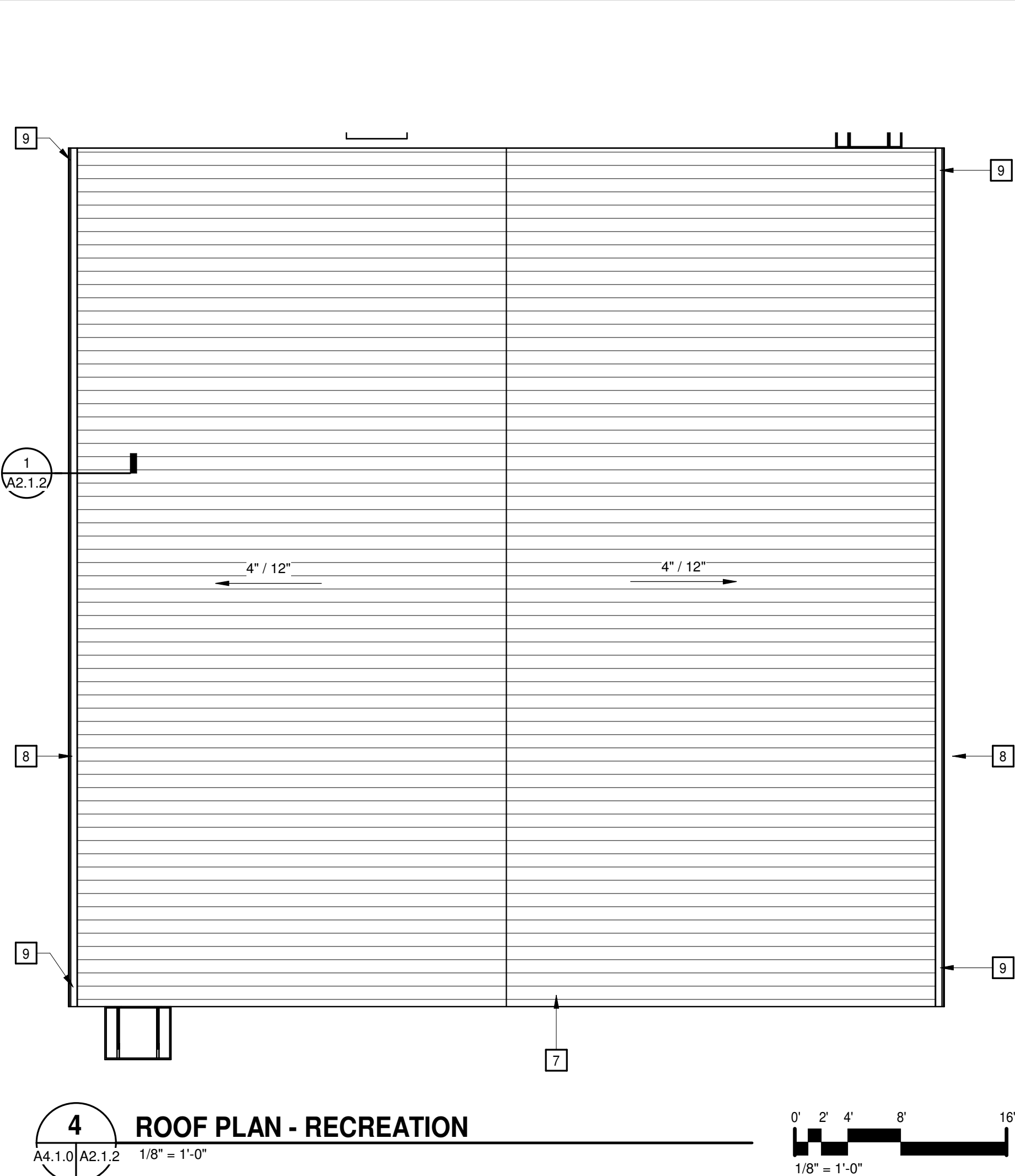
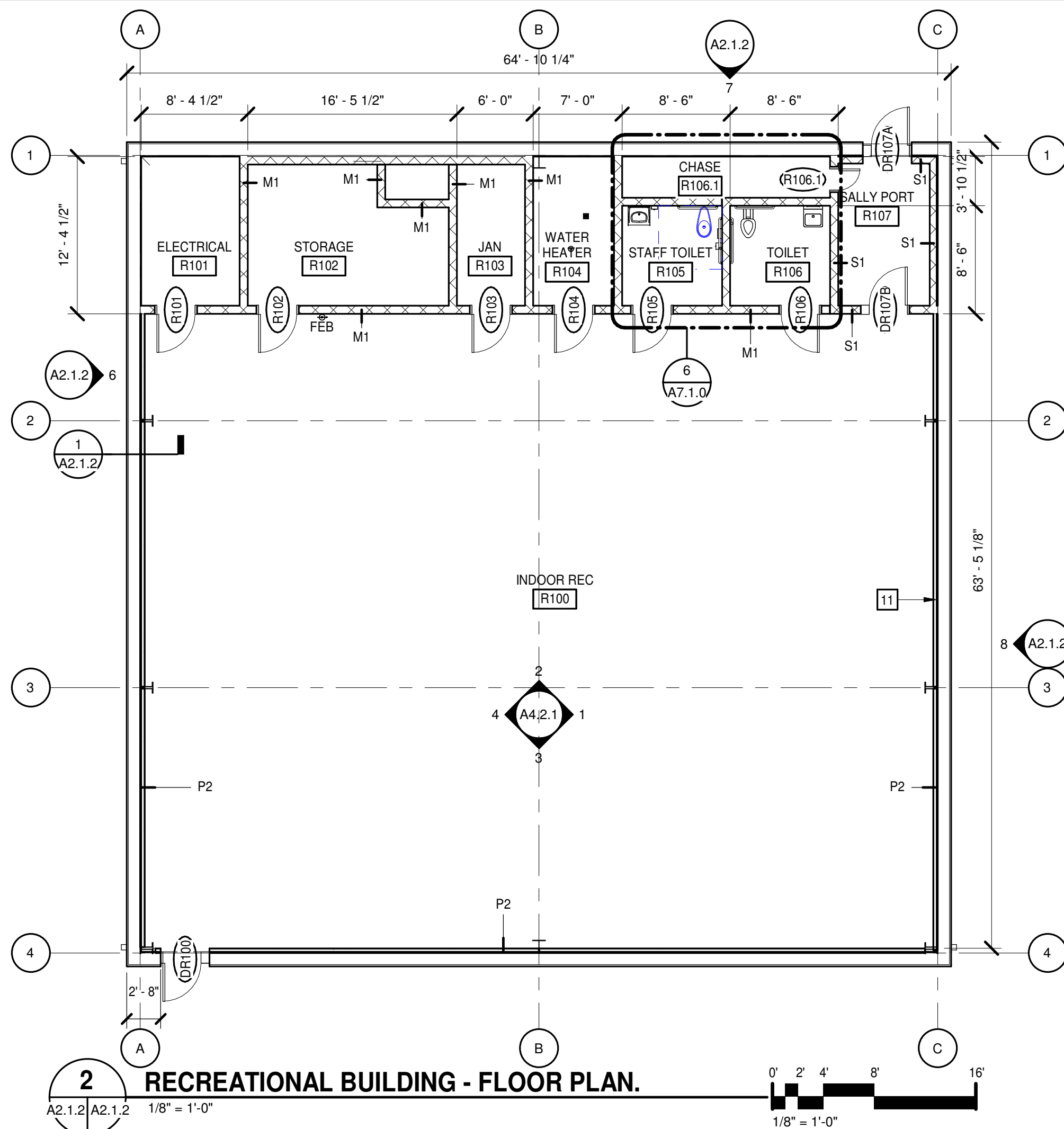
REVISIONS

DATE DESCRIPTION

5/25/2023 AD 02

ARCHITECTURAL SITE
PLAN

A2.0.0



FLOOR PLAN GENERAL NOTES

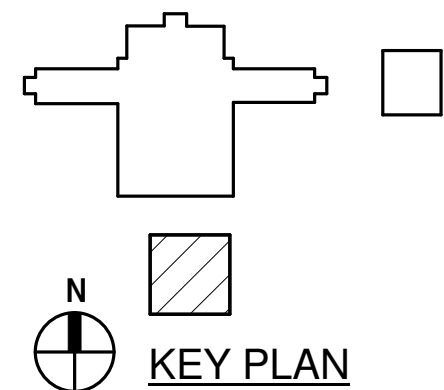
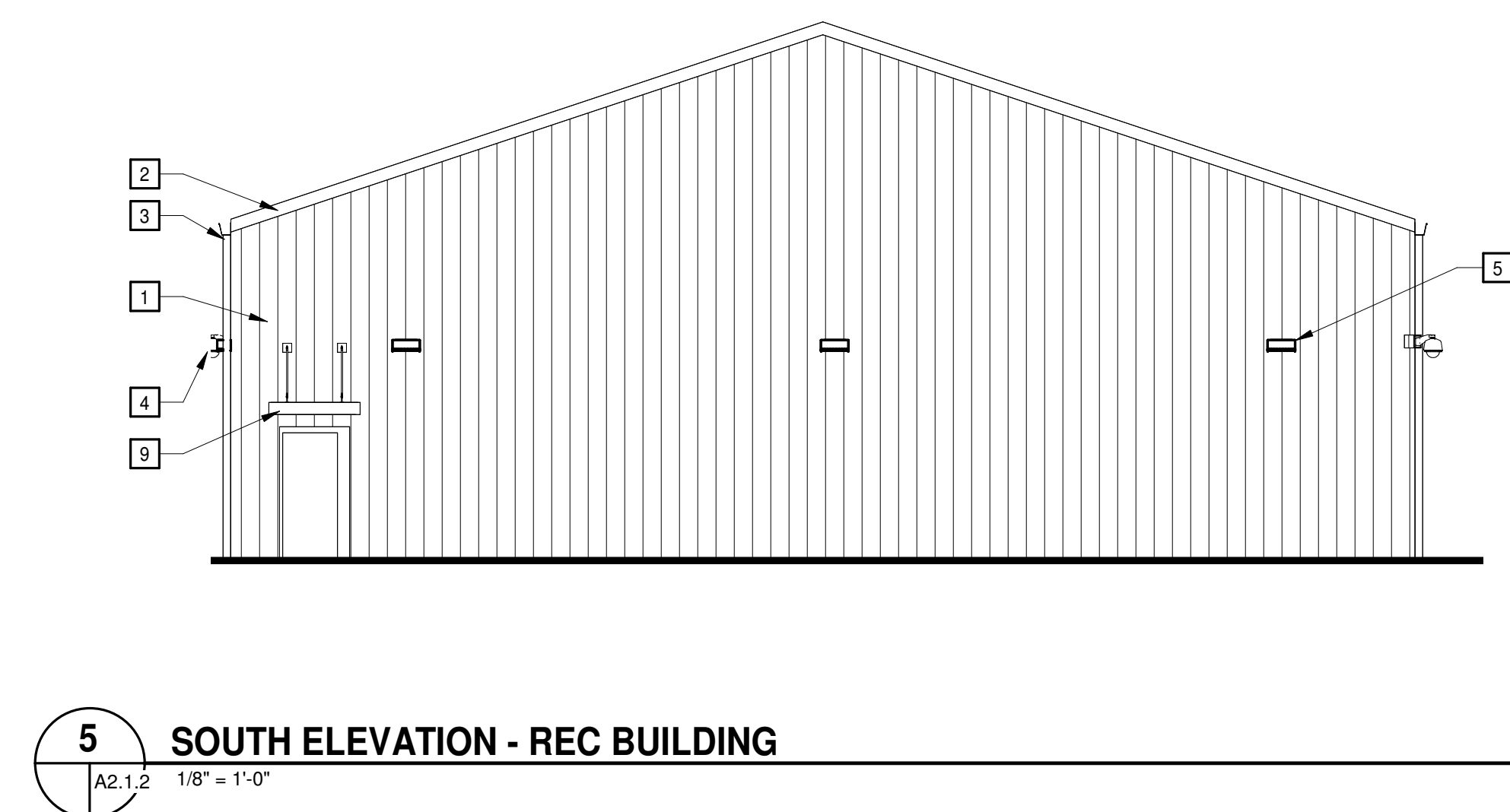
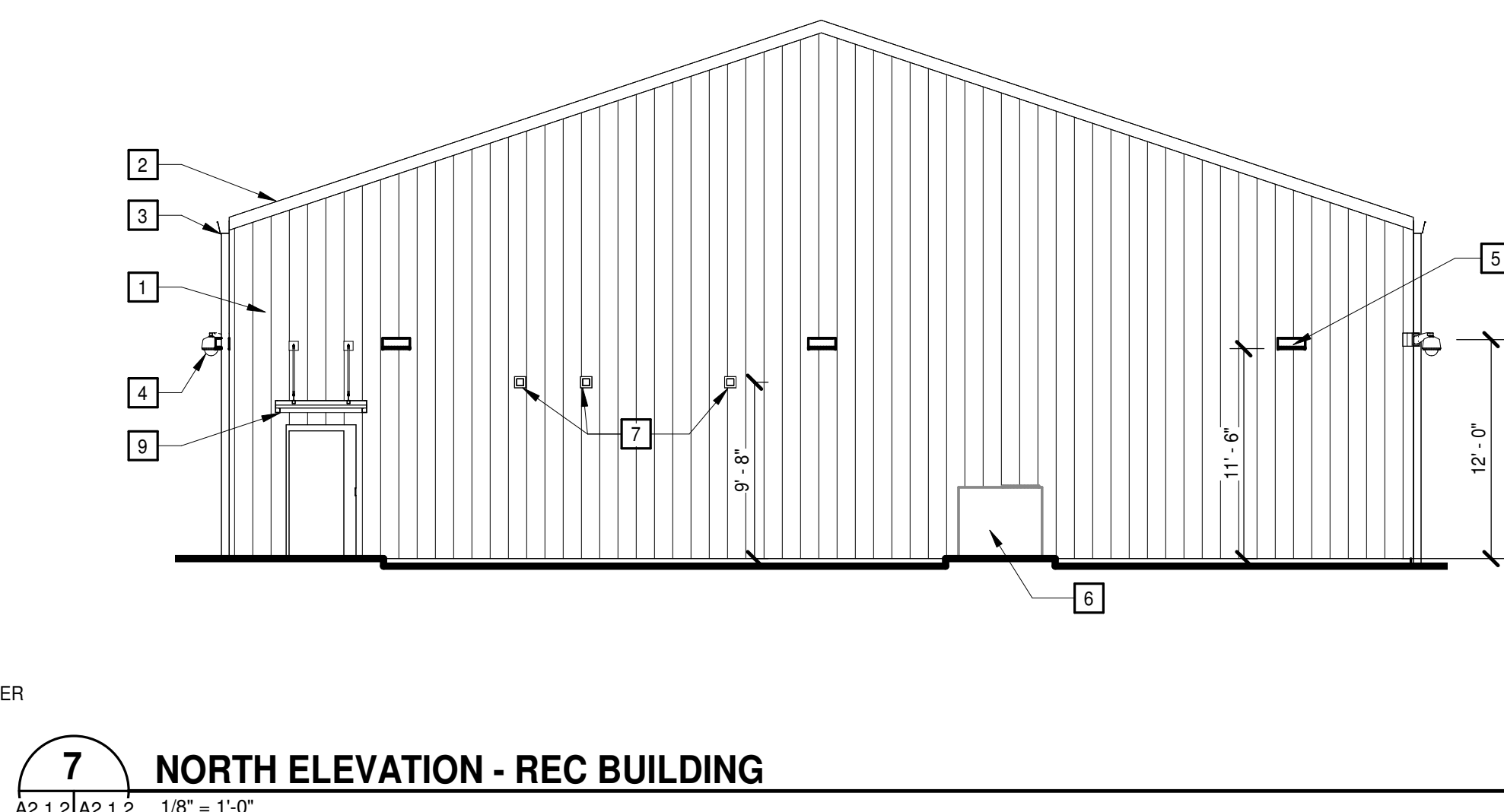
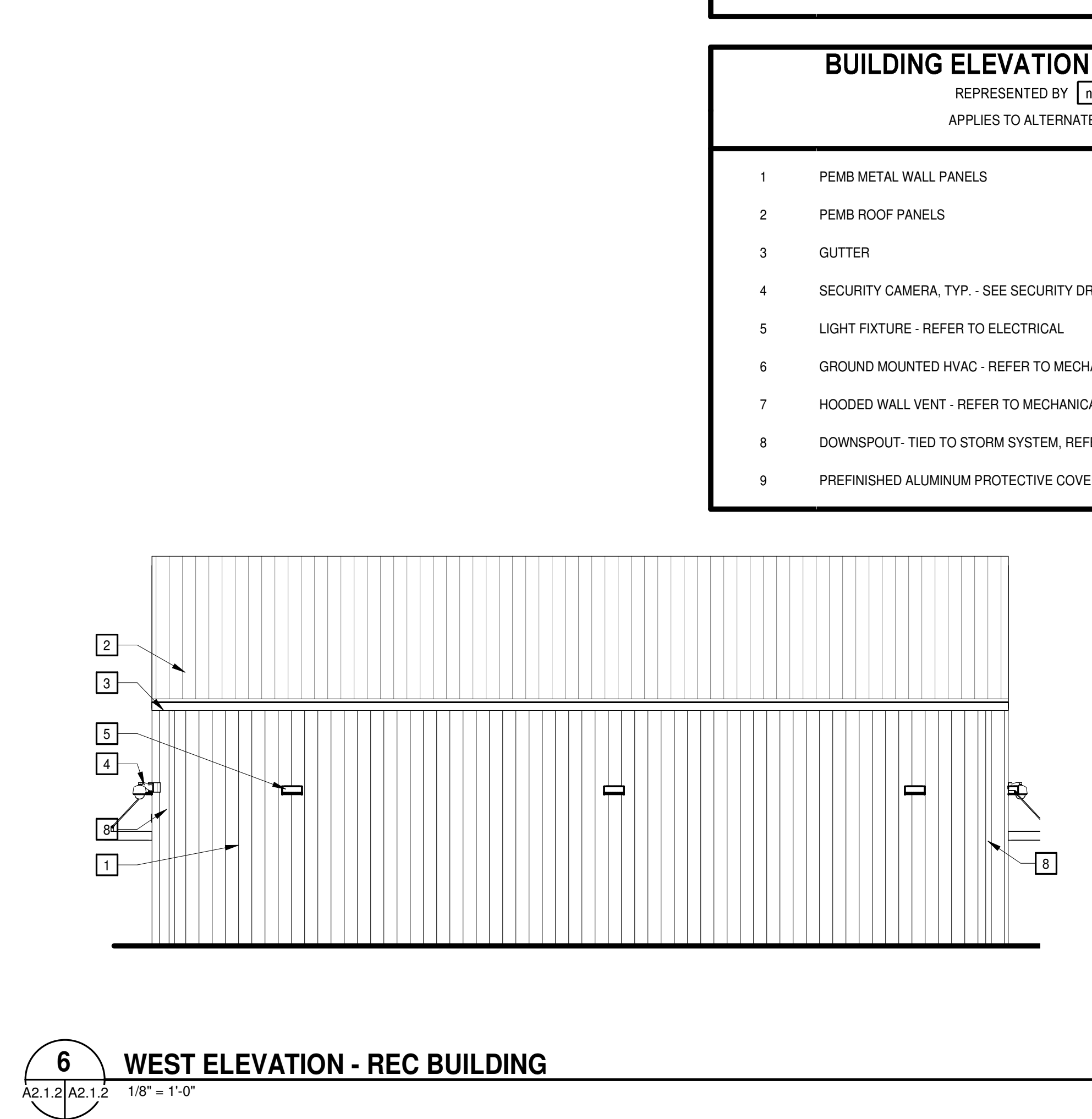
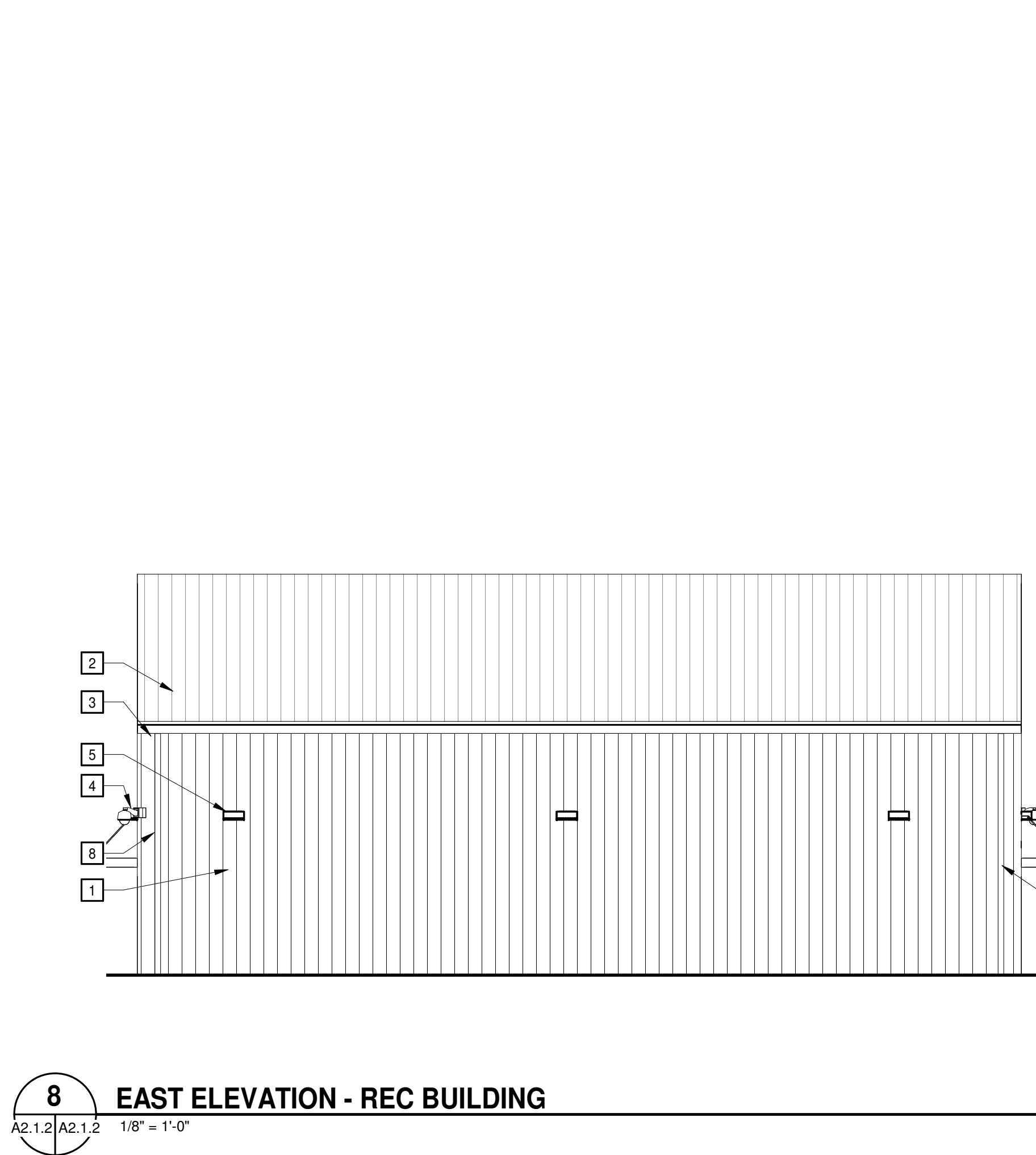
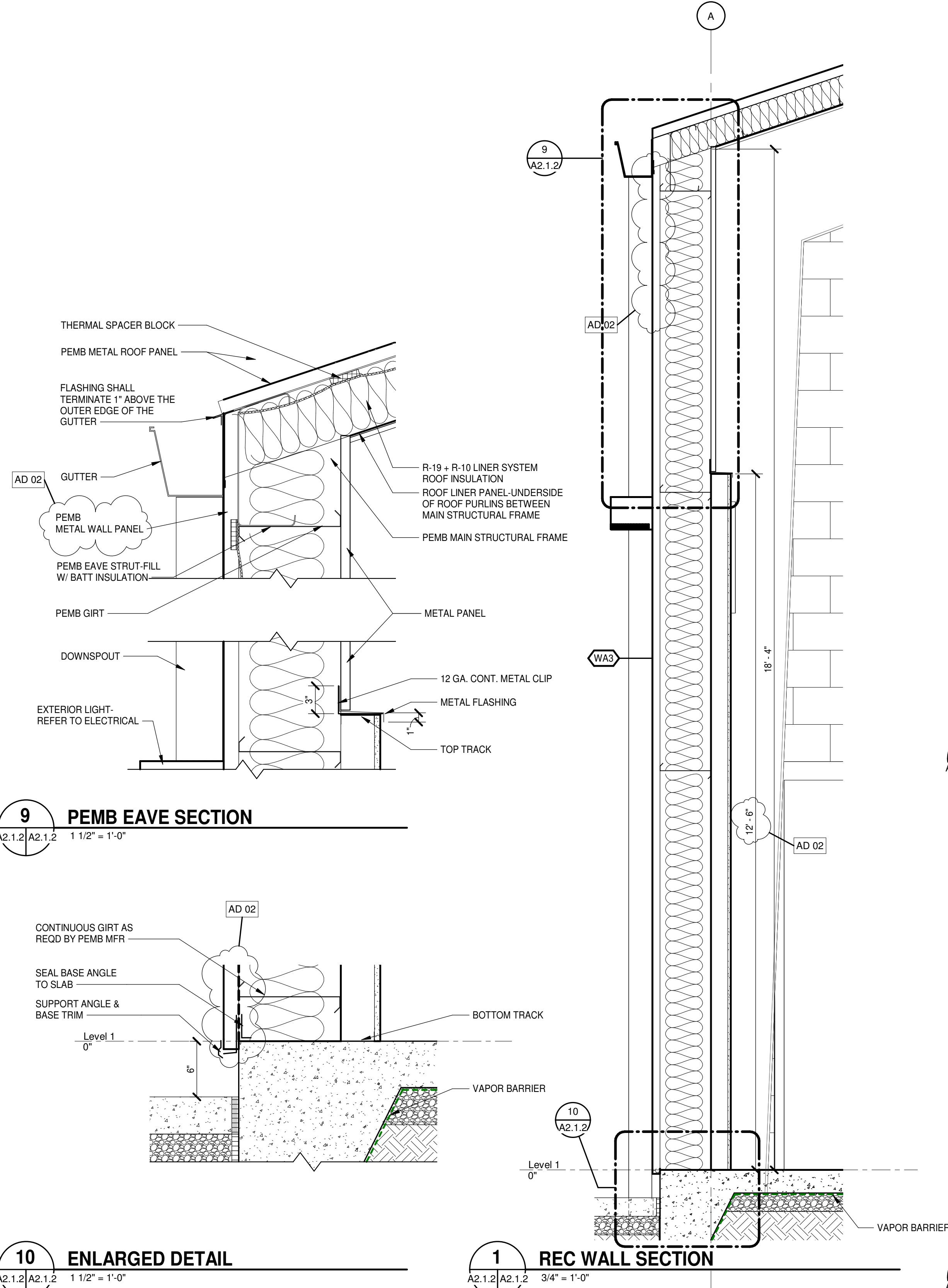
A. PROVIDE CORNER GUARDS AT ALL EXPOSED OUTSIDE GYP BOARD CORNERS. REFER TO SPECS.
B. ALL EXTERIOR NON-DETENTION WINDOWS SHALL RECEIVE ROLLER SCREEN MESH BLINDS UNO. REFER TO SPECS.
C. PROVIDE CONT SILICONE CAULK AT ALL DOOR FRAMES AT JOINTS WHERE GYP BOARD AND FRAMES MEET BEFORE PAINTING OCCURS.
D. PROVIDE PAINTED METAL FINISH ON ALL CEILING AND WALL ACCESS PANELS FOR ACCESS TO MECH. PLUMBING, AND ELECTRICAL SPACES.
E. "MIN" FOR DIMENSION INDICATES MINIMUM ACCEPTABLE DIMENSION. IF "MIN" DIMENSIONS FALL SHORT OF WHAT IS INDICATED ON DRAWINGS, G.C. SHALL NOTIFY THE ARCHITECT IMMEDIATELY SO AS TO NOT DELAY THE PROJECT.
F. ENSURE ALL EXISTING DETENTION BUNKS INDICATED ON NEW CONSTRUCTION PLAN ARE PRESENT AND IN GOOD CONDITION. IF DETERIORATION IS FOUND ON ANY BUNK, GC SHALL NOTIFY ARCHITECT.
G. ATTACH DETENTION BUNKS TO SLAB WITH 5/8" DIA. SECURITY ANCHOR BOLTS. TACK-WELD BOLT TO BUNK FRAME.

FLOOR PLAN KEYNOTES
REPRESENTED BY [A]

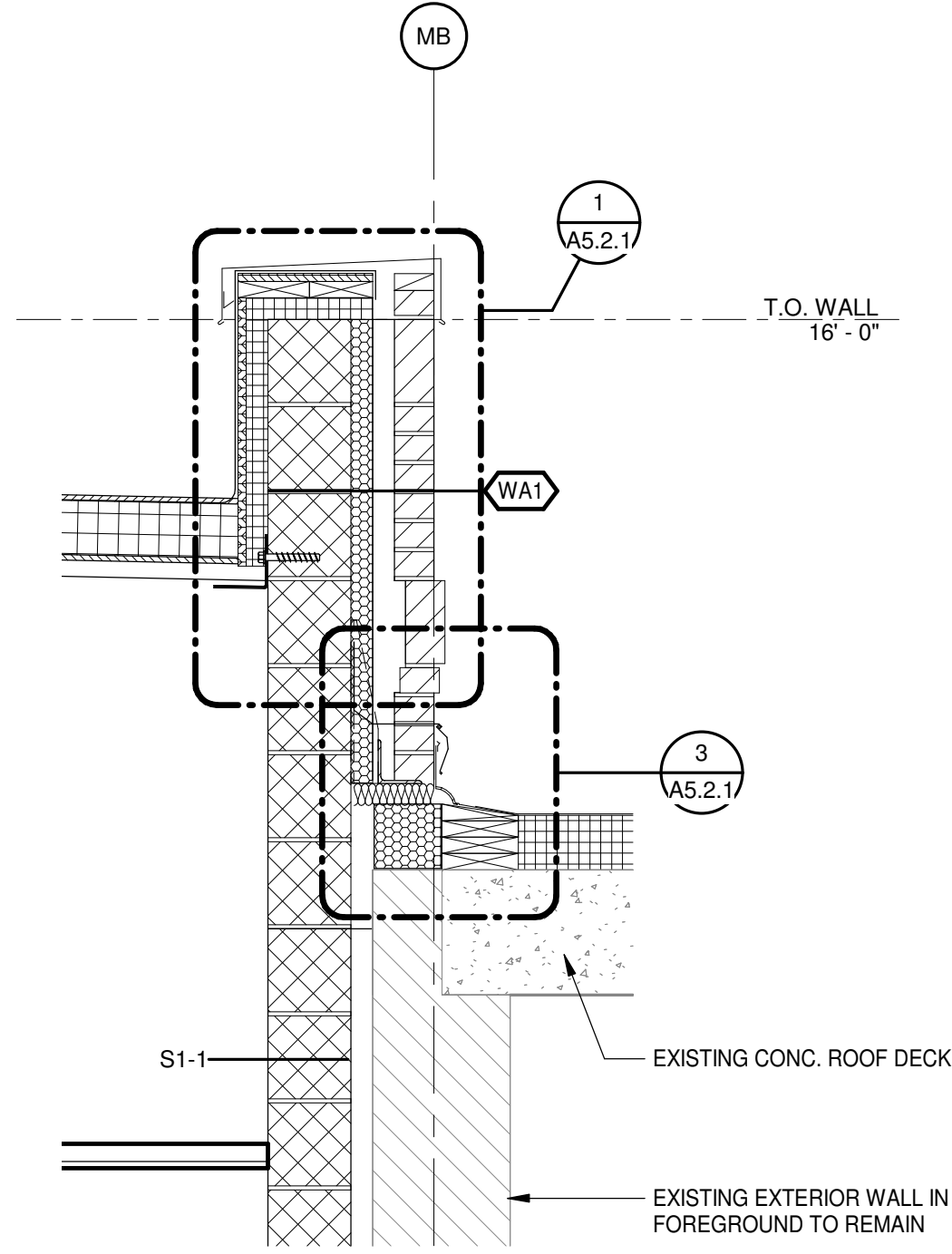
1 RELOCATE DETENTION BUNK PER LOCATION SHOWN.
2 WALL MOUNTED LADDER
3 DOUBLE-TIER METAL LOCKERS 12"W x 12"D x 72"H
4 BODY SCANNER - NIC
5 TV BRACKET LOCATION - REFER TO ELECTRICAL AND A4.2.0.
6 VIDEO VISITATION-REFER TO ELECTRICAL
7 PEMB ROOF PANELS
8 8" GUTTER
9 5" X 5" DOWNSPOUT TIED TO UNDERGROUND STORM SYSTEM- REFER TO CIVIL
10 PROJECTOR-REFER TO ELECTRICAL
11 WALL MOUNTED SCREEN-GC TO PROVIDE BLOCKING AS REQUIRED
12 STAINLESS STEEL CORNER GUARD
13 FLOOR SINK - REFER TO PLUMBING
14 FIRE EXTINGUISHER ON BRACKET
15 FIRE EXTINGUISHER CABINET
16 LIGHT FIXTURE - REFER TO ELECTRICAL

BUILDING ELEVATION KEYNOTES
REPRESENTED BY [A]
APPLIES TO ALTERNATE 1

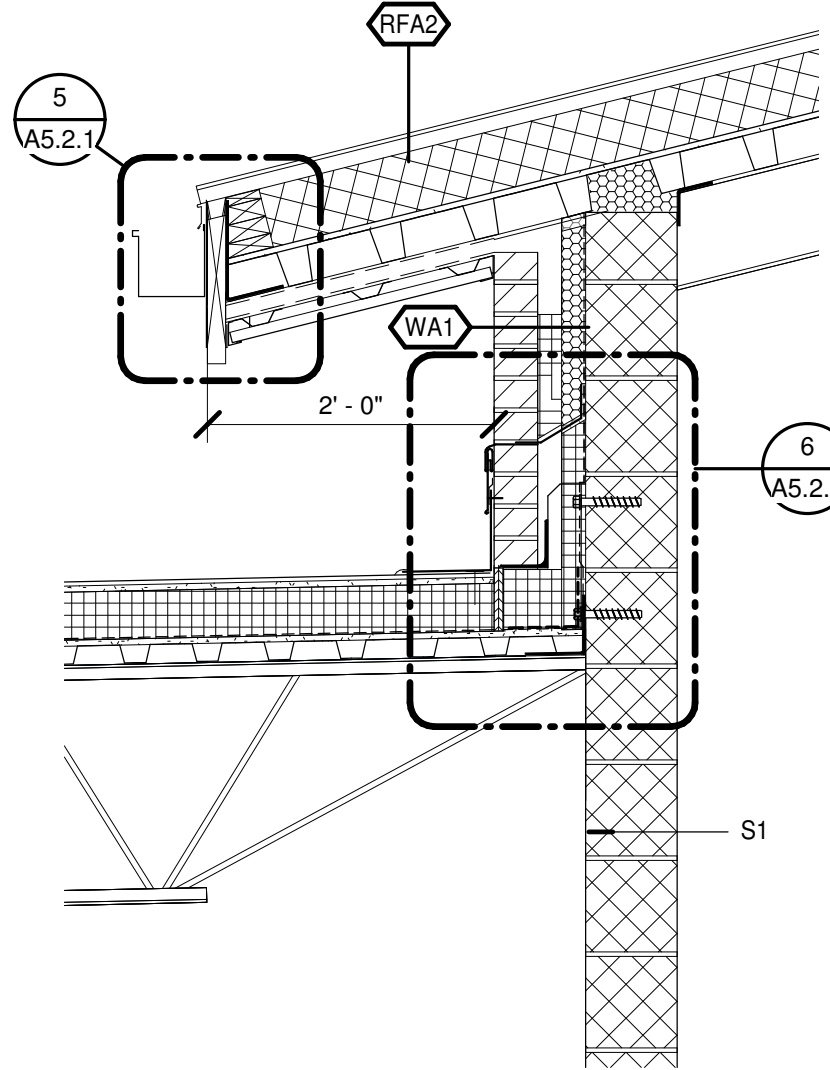
1 PEMB METAL WALL PANELS
2 PEMB ROOF PANELS
3 GUTTER
4 SECURITY CAMERA, TYP. - SEE SECURITY DRAWINGS
5 LIGHT FIXTURE - REFER TO ELECTRICAL
6 GROUND MOUNTED HVAC - REFER TO MECHANICAL
7 HOODED WALL VENT - REFER TO MECHANICAL
8 DOWNSPOUT- TIED TO STORM SYSTEM. REFER TO CIVIL
9 PREFINISHED ALUMINUM PROTECTIVE COVER BY PEMB



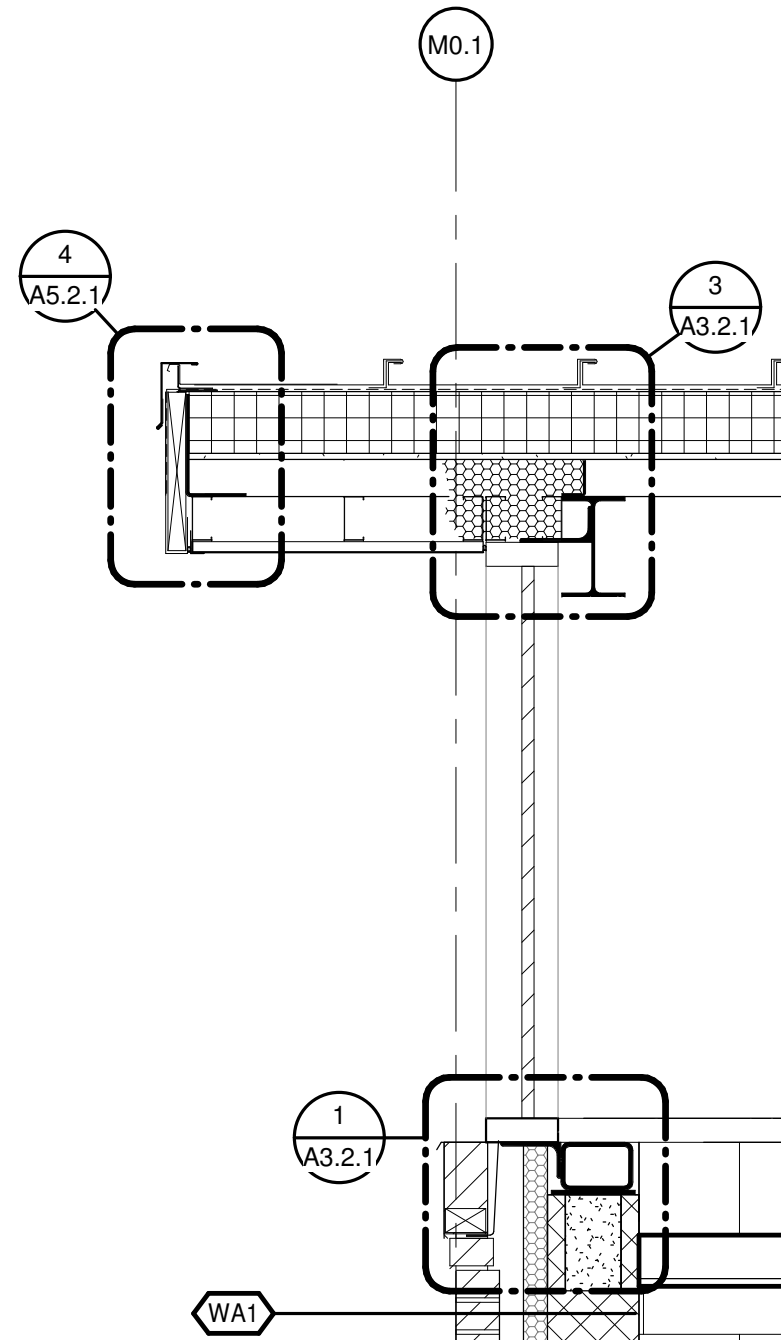
4 WALL SECTION
A5.0.1 | A5.1.1 3/4" = 1'-0"



5 WALL SECTION
A10.1.0 | A5.1.1 3/4" = 1'-0"



6 WALL SECTION
A5.0.1 | A5.1.1 3/4" = 1'-0"



WALL SECTION KEYNOTES

REPRESENTED BY [A]
APPLIES TO DRAWINGS A5.1.1

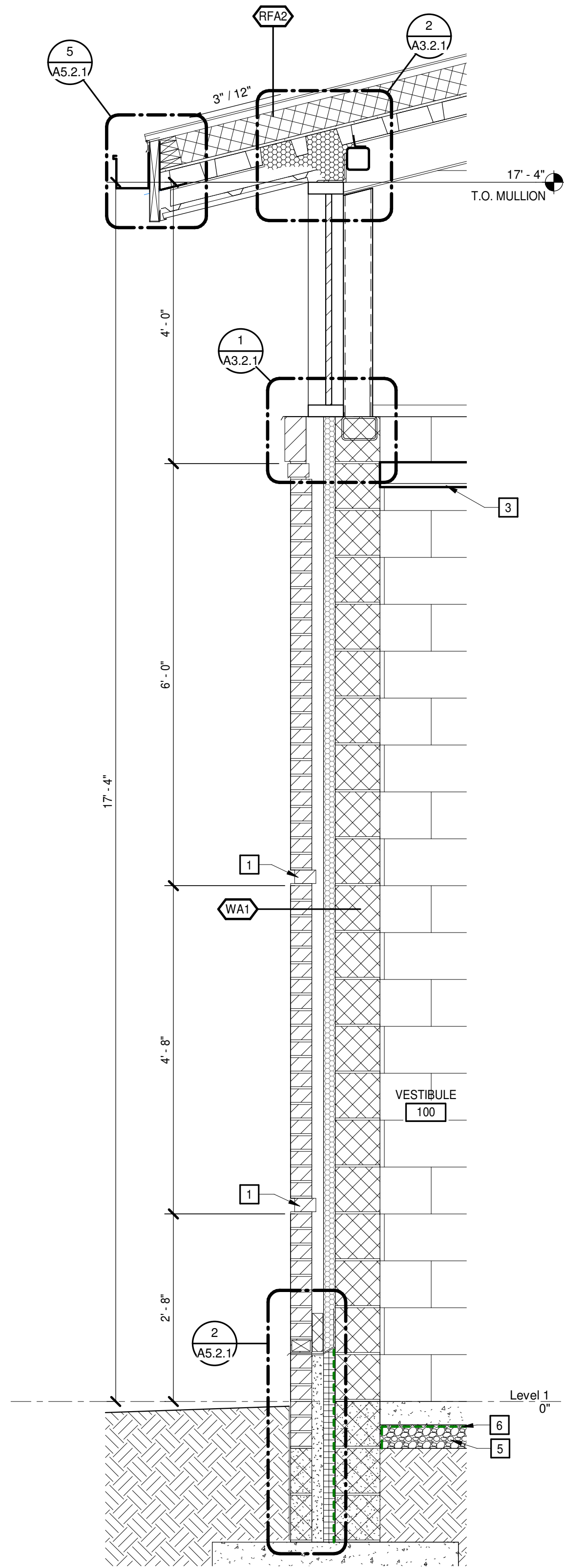
- 5/8" RECESSED BRICK COURSE
- ROWLOCK BRICK SILL
- CEILING PER AS SERIES
- CONCRETE FOOTING
- POROUS FILL
- VAPOR BARRIER
- LIGHT FIXTURE PER ELECTRICAL
- OVERFLOW SCUPPER

EXTERIOR WALL ASSEMBLIES

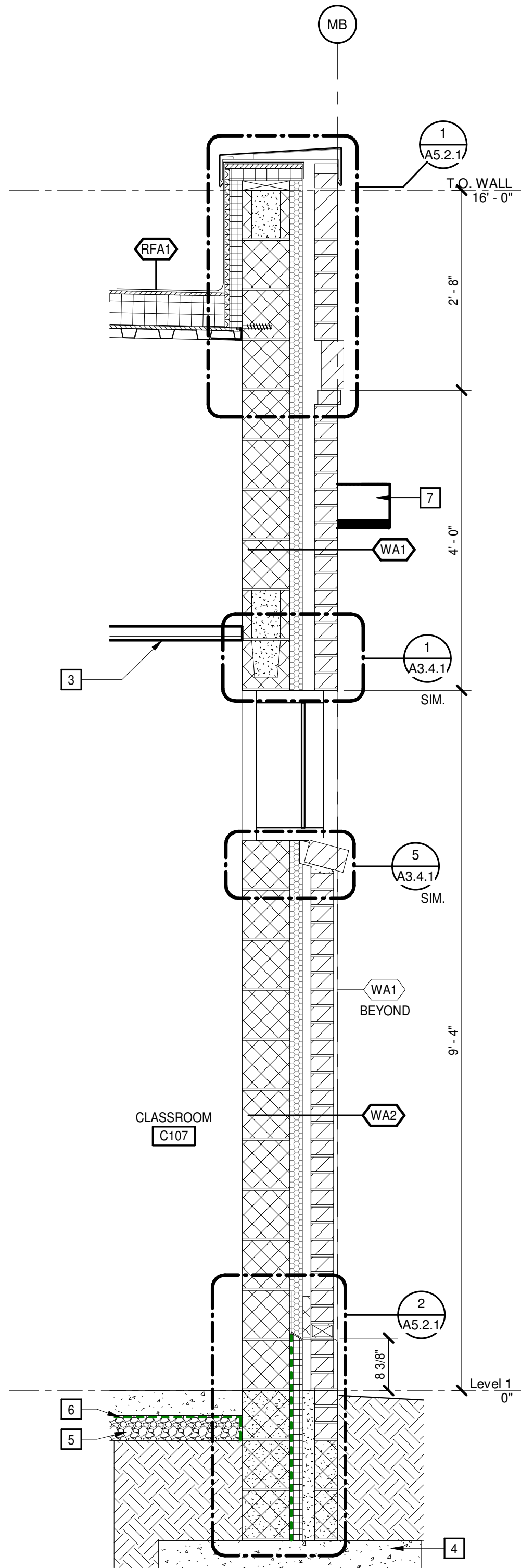
APPLIES TO A5.1.1
REPRESENTED BY [WA#]

MARK	FIRE RATING (REFER TO LS 1.1 FOR LEGEND)	REMARKS	INFORMATION
WA1 WA2			1'-3 1/4" @ WA1 1'-2 5/8" @ WA2 FACE BRICK AIR SPACE 2" SPRAYED POLYURETHANE FOAM AIR BARRIER 8" CMU
WA3			METAL LINER PANEL BATT INSULATION R-13 11" PEBB STEEL GIRT PEBB UNINSULATED METAL PANEL 3 5/8" METAL STUD @ 24" O.C. 5/8" IMPACT-RESISTANT GYP. BD.

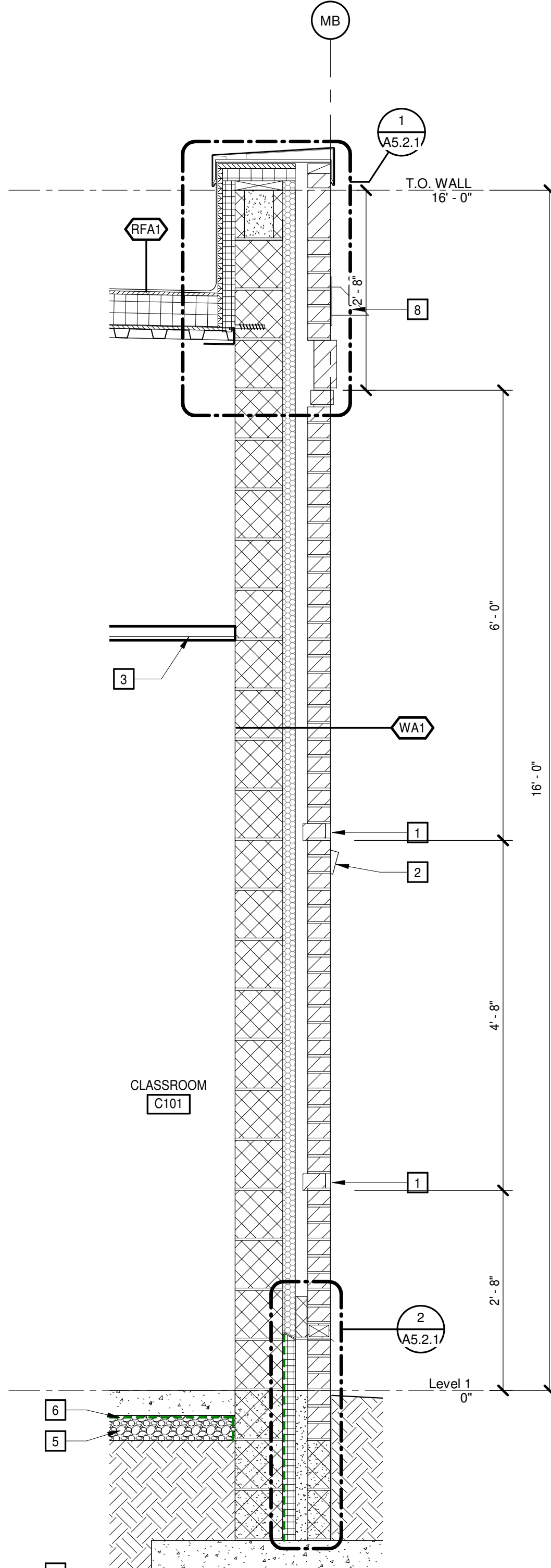
1 WALL SECTION
A2.1.1 | A5.1.1 3/4" = 1'-0"



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



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



7 ROOF ACCESS HATCH
A2.1.1 | A5.1.1 3/4" = 1'-0"

