

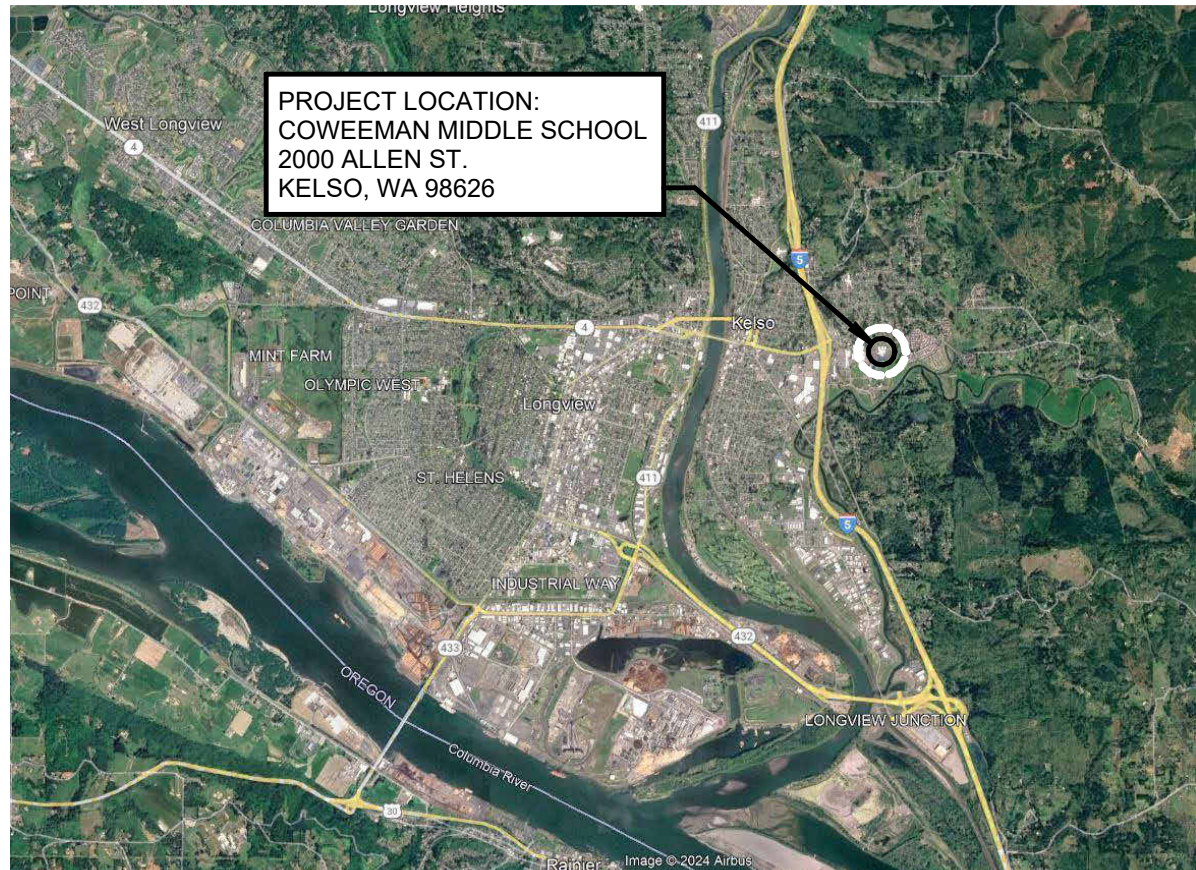
COWEEMAN MIDDLE SCHOOL

CLADDING REPLACEMENT

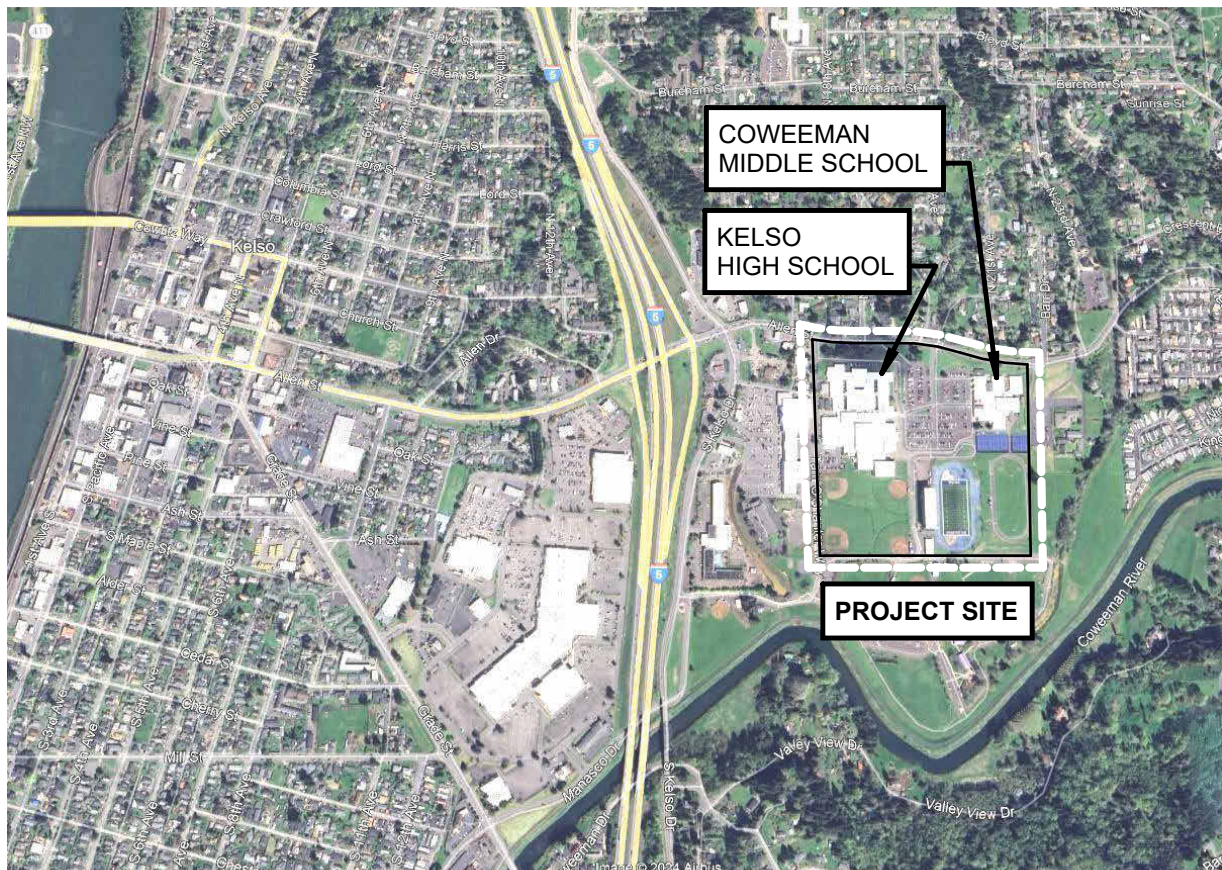
GENERAL NOTES

- VERIFY ALL DIMENSIONS AND CONDITIONS OF THE PROJECT, INCLUDING EXISTING CLADDING SYSTEM CONSTRUCTION AND MATERIALS.
- STAGING AND STORAGE AREAS SHALL BE AS DIRECTED BY THE OWNER'S REPRESENTATIVE AT THE PRE-CONSTRUCTION MEETING. ASSUME A REASONABLE AMOUNT OF STORAGE AND STAGING SPACE WILL BE MADE AVAILABLE.
- PROTECT BUILDING SURFACES, FINISHES, AND SYSTEMS FROM DAMAGE, DISCOLORATION, ETC. DURING THE COURSE OF ALL CONSTRUCTION ACTIVITIES. REPAIR / REPLACE PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK; RETURN DAMAGED PROPERTY TO PRE-CONSTRUCTION CONDITION.
- PROVIDE NECESSARY MEASURES FOR PERSONAL FALL PROTECTION DURING THE COURSE OF CONSTRUCTION. PERSONAL FALL PROTECTION DEVICES ARE NOT, NOR WILL BE, PROVIDED BY THE OWNER ON ANY BUILDING AREA DESIGNATED TO RECEIVE WORK.
- EXISTING MATERIALS AND CONSTRUCTION ARE NOTED ON THE DRAWINGS AS EXISTING OR EXIST. ALL OTHER NOTATIONS INDICATE NEW MATERIALS, PRODUCTS, AND CONSTRUCTION UNLESS OTHERWISE STATED OR INDICATED.
- ALL CONSTRUCTION SHALL CONFORM TO THE 2021 INTERNATIONAL BUILDING CODE WITH WASHINGTON STATE AMENDMENTS, AND ALL LOCAL GOVERNING BUILDING CODES AND ORDINANCES.
- LOCATE ALL EXISTING UTILITIES WITHIN OR SERVING AREAS OF WORK WHETHER SHOWN HEREIN OR NOT. PROTECT EXISTING UTILITIES FROM DAMAGE. SEE GENERAL NOTE 3 ABOVE.
- THE SCOPE OF WORK FOR THIS PROJECT CONSISTS OF MODIFICATIONS TO EXISTING EXTERIOR WALL CONSTRUCTION, INCLUDING THE FOLLOWING:
 - PROJECT IS ANTICIPATED TO BE COMPLETED IN TWO PHASES WITH PHASE ONE OCCURRING DURING THE SUMMER 2025 CONSTRUCTION WINDOW, AND PHASE TWO OCCURRING DURING THE SUMMER 2026 CONSTRUCTION WINDOW. REFERENCE 2/R100 FOR PHASING PLAN.
 - DEMOLITION OF EXISTING CLADDING SYSTEMS AND WEATHER BARRIERS.
 - INCIDENTAL REPAIR AND/OR REPLACEMENT OF EXISTING DAMAGED SHEATHING AND WALL FRAMING ELEMENTS.
 - INSTALLATION OF NEW WEATHER BARRIER SYSTEM, NEW EXTERIOR INSULATION, NEW FIBER CEMENT PANEL CLADDING SYSTEM (INCLUDING SUB-FRAMING), AND NEW SHEET METAL FLASHINGS, AND
- OTHER INCIDENTAL WORK AS IDENTIFIED IN THE CONTRACT DOCUMENTS.
- WORK OF THIS CONTRACT DOES NOT INCLUDE ANY INCREASE IN AREA OR CHANGES IN OCCUPANCY.
- THE REQUIREMENTS FOR THE WORK OF THIS CONTRACT ARE DESCRIBED IN THIS DRAWING SET AND THE PROJECT MANUAL.
- PROTECT BUILDING OCCUPANTS AND PASSERS-BY FROM FALLING DEBRIS OR EQUIPMENT. DO NOT THROW MATERIALS FROM THE BUILDING OR STAGING AREAS.
- BUILDING ACCESS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
- ALL ITEMS TRANSPORTED TO THE AREAS OF WORK SHALL BE TRANSPORTED USING APPROVED AND SAFE METHODS OF LOADING. DO NOT OVER-LOAD THE STRUCTURE.
- EMPLOY MEANS OF PROTECTING THE BUILDING OCCUPANTS AND GENERAL PUBLIC AT ALL TIMES DURING THE COURSE OF CONSTRUCTION.
- TEMPORARY STAGING, SCAFFOLDING, AND RUNWAYS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PLACED IN DESIGNATED LOCATIONS ONLY.
- COORDINATE PERMITS REQUIRED FOR PERFORMANCE OF THE WORK, INCLUDING BUT NOT LIMITED TO ROAD CLOSURES, PARKING STALLS, SIDEWALK CLOSURES, AND SCAFFOLD ERECTION, WITH THE OWNER'S REPRESENTATIVE.
- PROTECT BUILDING GROUNDS INCLUDING LANDSCAPE AREAS DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
- RESTORE SITE TO PRE-CONSTRUCTION CONDITION AT PROJECT COMPLETION.
- ALL EXISTING ROOF SURFACES THAT WILL BE SUBJECTED TO FOOT AND/OR EQUIPMENT TRAFFIC IN ANY WAY SHALL BE PROTECTED WITH ONE LAYER OF MINIMUM 5/8" THICK PLYWOOD OVER 1" RIGID INSULATION. THIS INCLUDES ALL ROOF SURFACES THAT ARE USED AS A WORK PLATFORM OR FOR MATERIAL / EQUIPMENT STORAGE, OR AS A BEARING SURFACE FOR SCAFFOLDING. ALL PROTECTION IN A PARTICULAR WORK AREA SHALL BE PLACED PRIOR TO COMMENCEMENT OF WORK WITHIN THAT AREA.
- ALL SCAFFOLDING, STAIR TOWERS, LADDERS, AND OTHER MEANS OF STAGING AND/OR ACCESS SHALL BE SECURED AT ALL TIMES TO PREVENT PEDESTRIAN ACCESS.

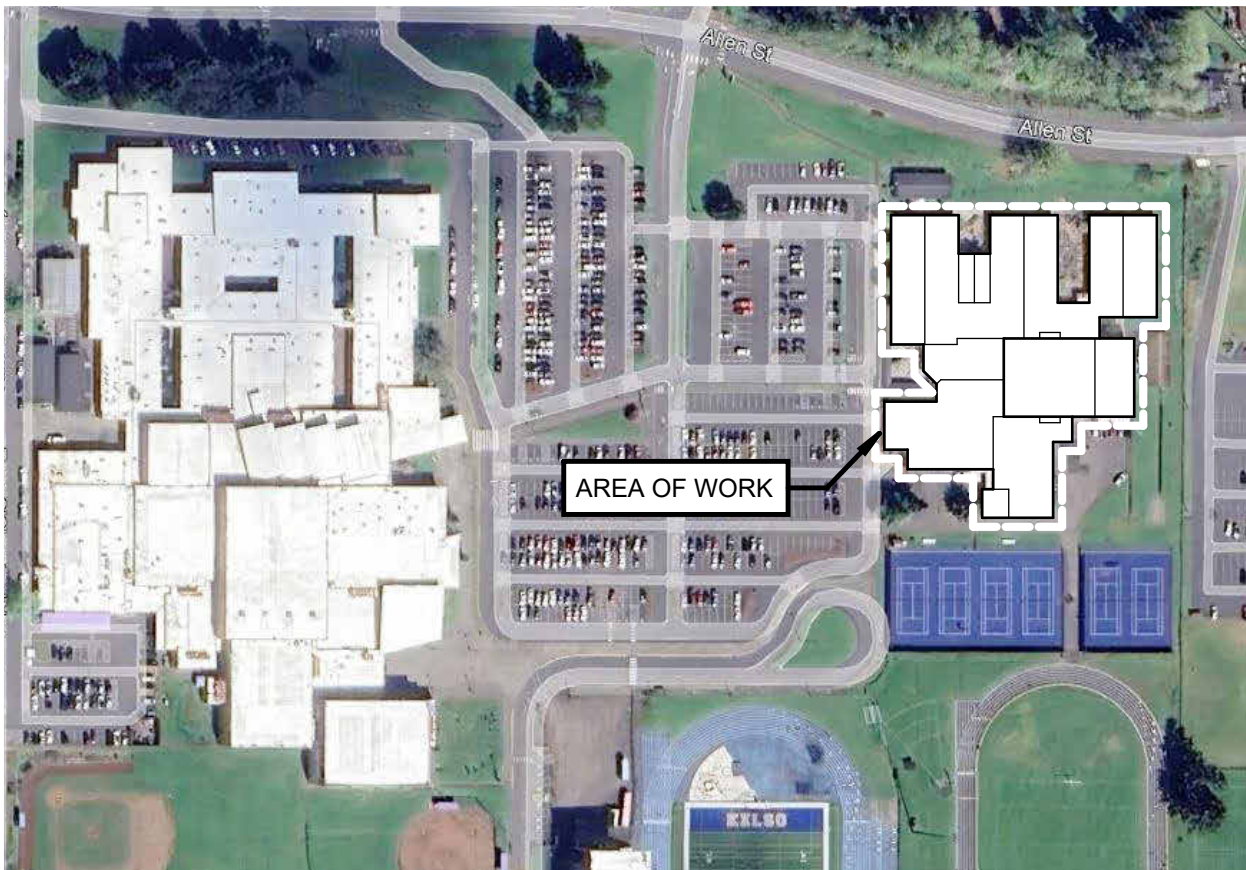
SITE MAPS



1 LOCATION MAP
GI-1 NOT TO SCALE



2 VICINITY MAP
GI-1 NOT TO SCALE



3 SITE MAP
GI-1 NOT TO SCALE

PROJECT TEAM

OWNER

Kelso School District
601 Crawford Street
Kelso, Washington 98626

(360) 501-1340

Contact: Paul Richie, Project Manager

ROOF CONSULTANT

Professional Roof Consultants, Inc.
606 SE 9th Avenue
Portland, Oregon 97214

(503) 280-8759

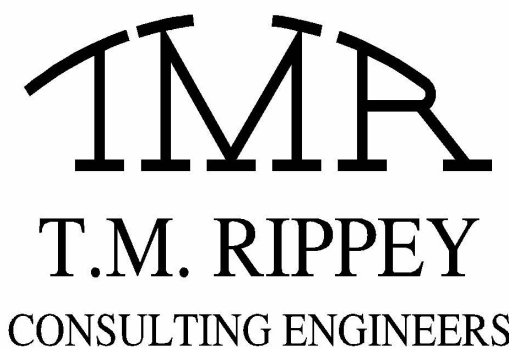
Contact: Thomas W. Bertrand, RRO, CDT, AHERA

STRUCTURAL CONSULTANT

TM Rippey Consulting Engineers
7650 Beveland Street, Suite 100
Tigard, Oregon 97223

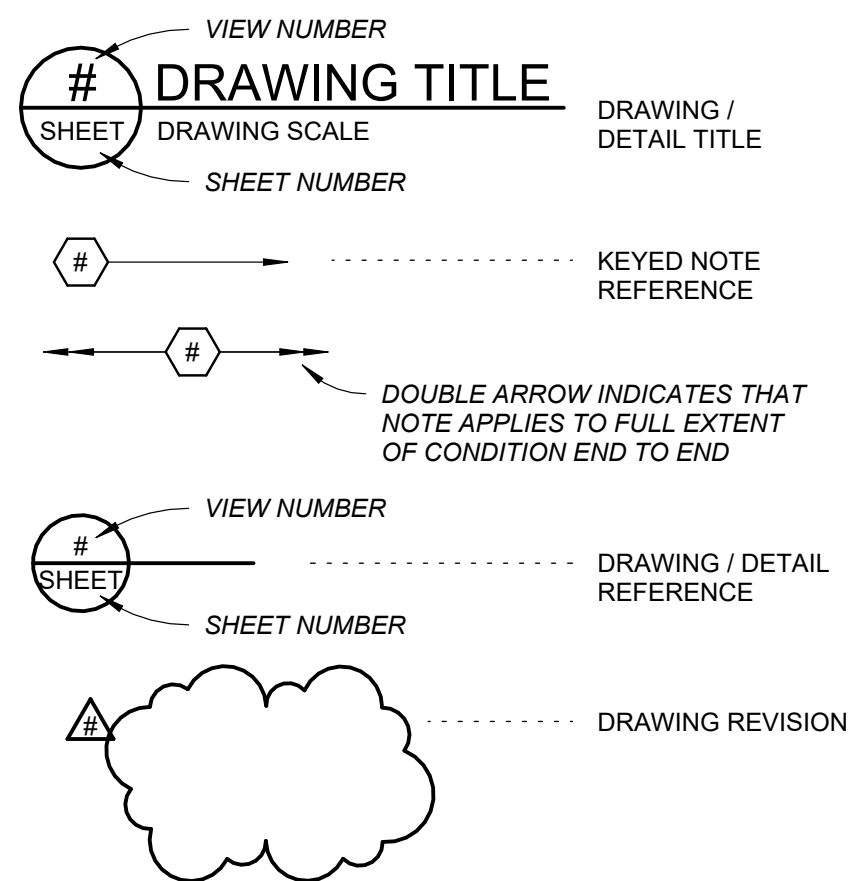
(503) 443-3900

Contact: Ralph Turnbaugh, PE



SYMBOLS & ABBREVIATIONS

SYMBOLS



ABBREVIATIONS

@	AT (SPACING / FREQUENCY)
APPROX. or ±	APPROXIMATE
B.O.	BOTTOM OF
CONT.	CONTINUOUS
DEG. or °	DEGREE(S)
DIA. or Ø	DIAMETER
EXIST. or (E)	EXISTING
GA	GAGE (THICKNESS)
GALV.	METALLIC-COATED (FOR SHEET METAL) - or - HOT-DIPPED GALVANIZED (FOR STRUCTURAL / MISCELLANEOUS METAL)
MAX.	MAXIMUM
MIN.	MINIMUM
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER (SPACING / FREQUENCY)
OPP.	OPPOSITE HAND
SIM.	SIMILAR
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V.I.F.	VERIFY IN FIELD
w/	WITH

DRAWING SHEET INDEX

GI-1 GENERAL INFORMATION

R100 ELEVATION KEY PLAN & PHASING PLAN
R101 EXTERIOR ELEVATIONS - DEMO
R102 EXTERIOR ELEVATIONS - DEMO
R103 EXTERIOR ELEVATIONS - DEMO
R104 EXTERIOR ELEVATIONS - DEMO
R111 EXTERIOR ELEVATIONS - NEW
R112 EXTERIOR ELEVATIONS - NEW
R113 EXTERIOR ELEVATIONS - NEW
R114 EXTERIOR ELEVATIONS - NEW

R200 EXTERIOR WALL ASSEMBLIES
R201 EXTERIOR WALL DETAILS
R202 EXTERIOR WALL DETAILS
R203 EXTERIOR WALL DETAILS
R204 EXTERIOR WALL DETAILS
R205 EXTERIOR WALL DETAILS
R206 EXTERIOR WALL DETAILS
R207 EXTERIOR WALL DETAILS
R208 EXTERIOR WALL DETAILS

S001 STRUCTURAL GENERAL NOTES
S101 STRUCTURAL EXTERIOR WALL REPAIR KEY PLAN
S201 STRUCTURAL EXTERIOR WALL REPAIR DETAILS

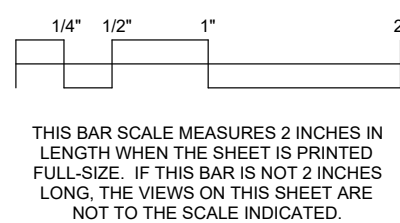
KELSO SCHOOL DISTRICT

COWEEMAN MIDDLE SCHOOL

CLADDING REPLACEMENT

Sheet Title:
GENERAL INFORMATION

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THIS BAR SCALE MEASURES 2 INCHES IN LENGTH WHEN THE SHEET IS PRINTED FULL-SIZE. IF THIS BAR IS NOT 2 INCHES LONG, THE VIEWS ON THIS SHEET ARE NOT TO THE SCALE INDICATED.

Date: JANUARY 2025

Revisions:

Drawn: RSB
Checked: TWB

PRC No.: R3383.04

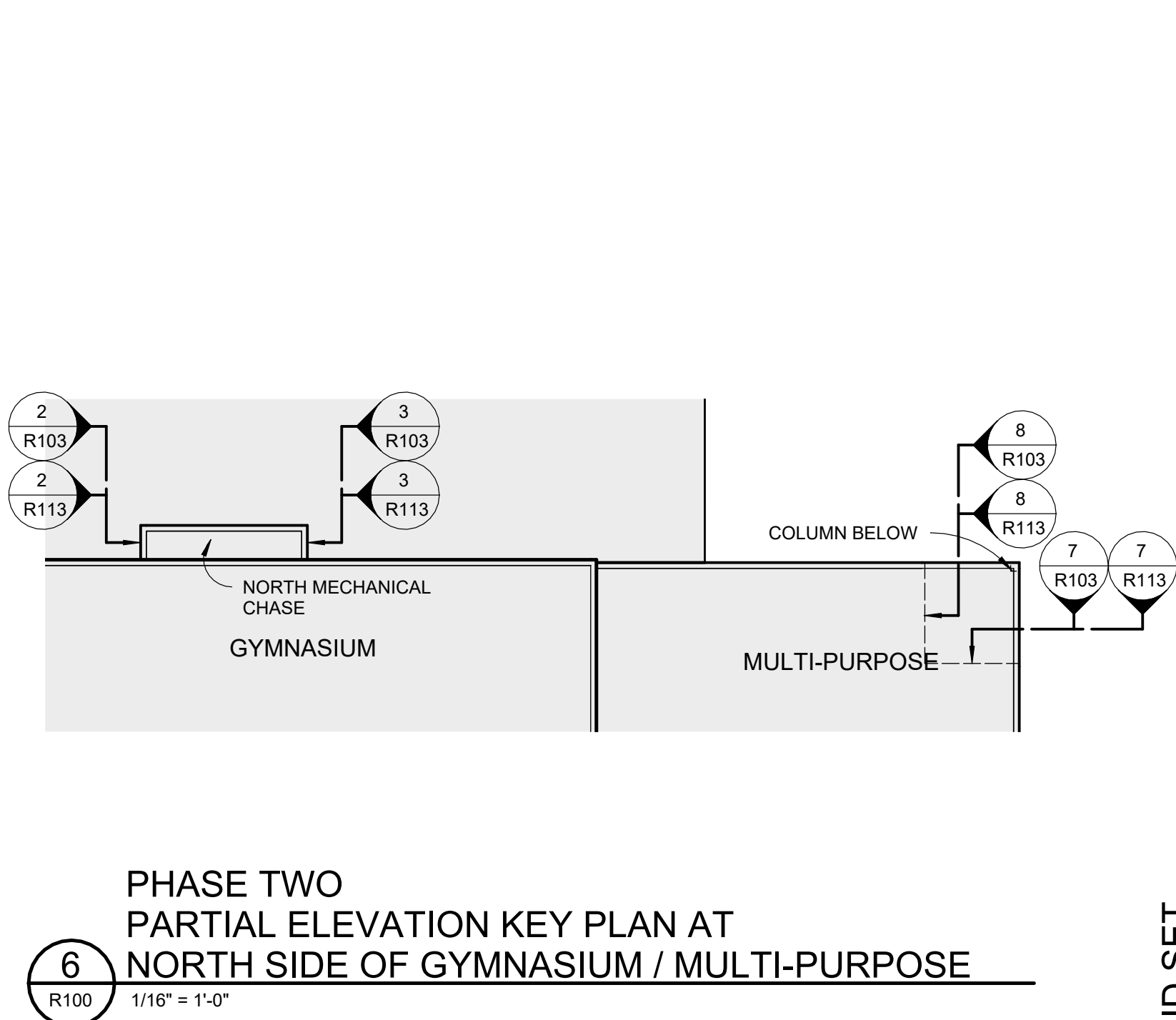
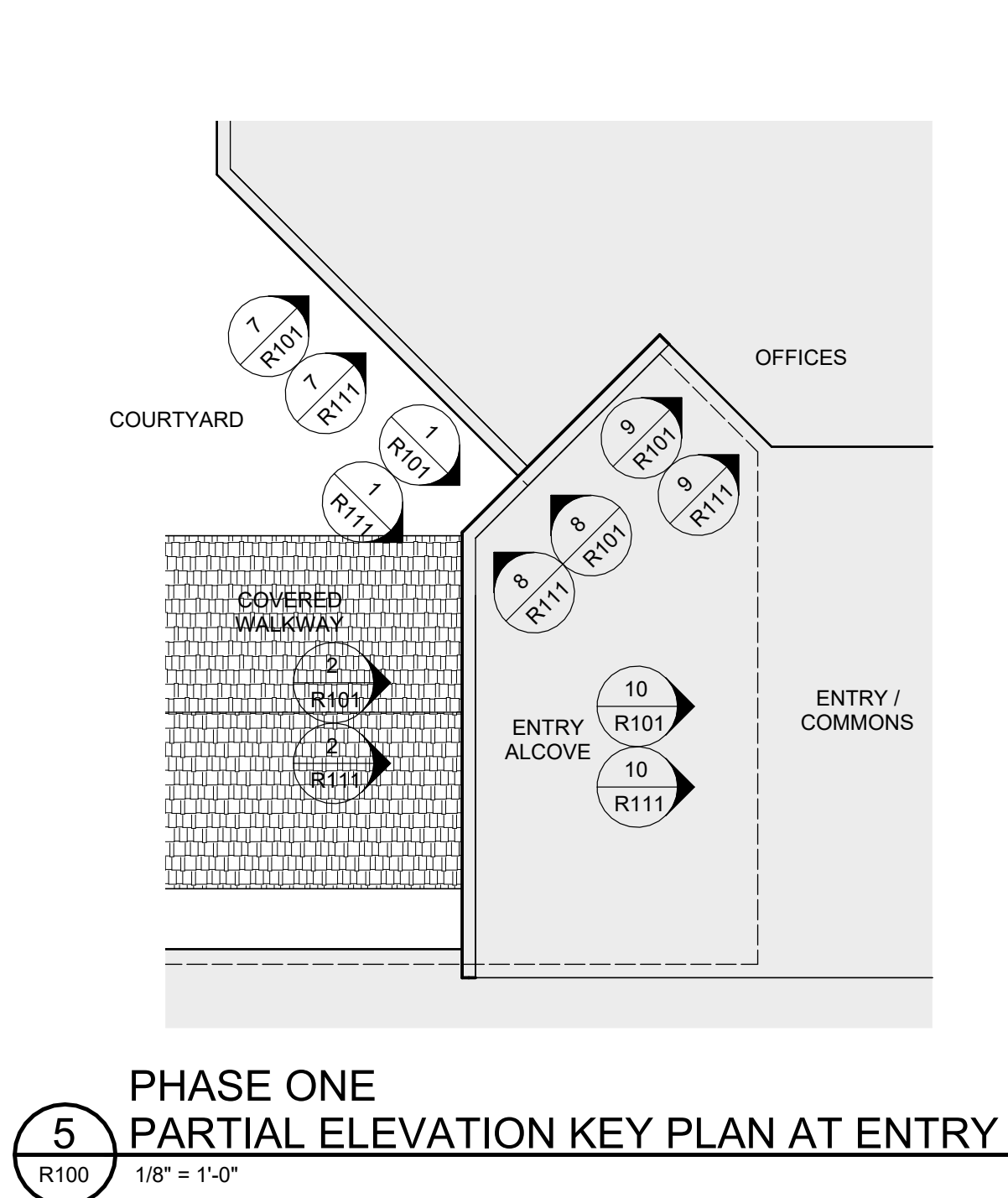
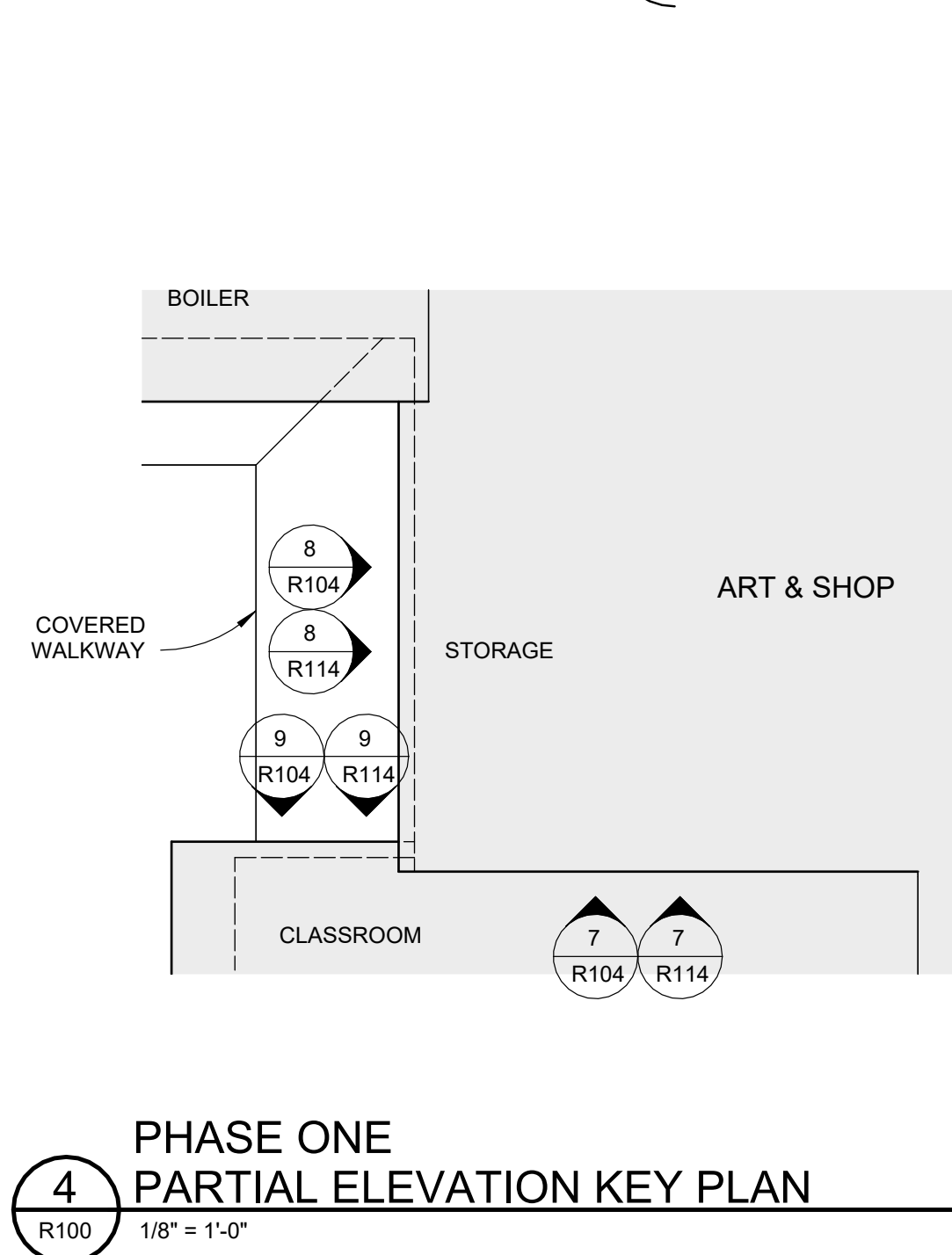
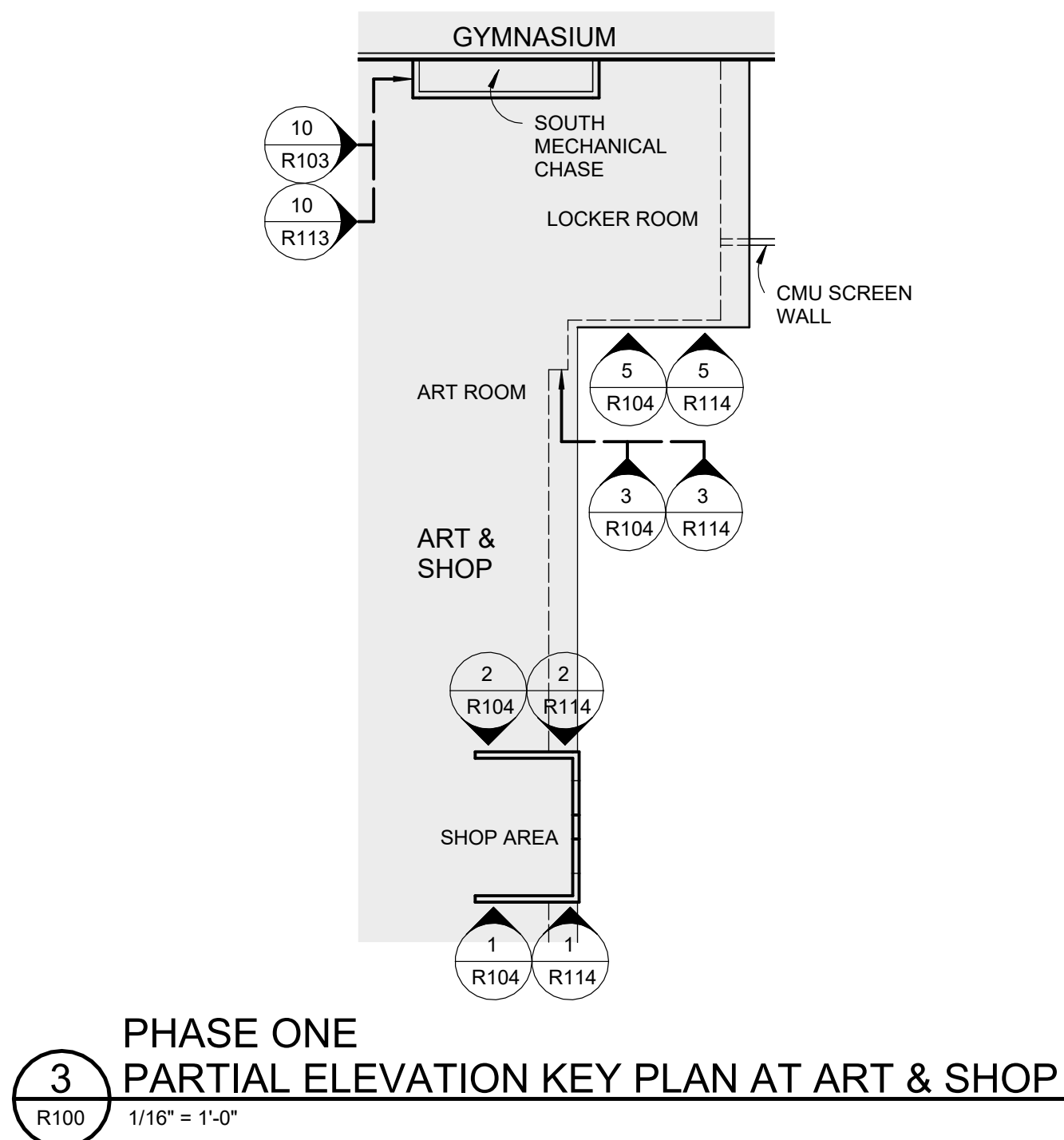
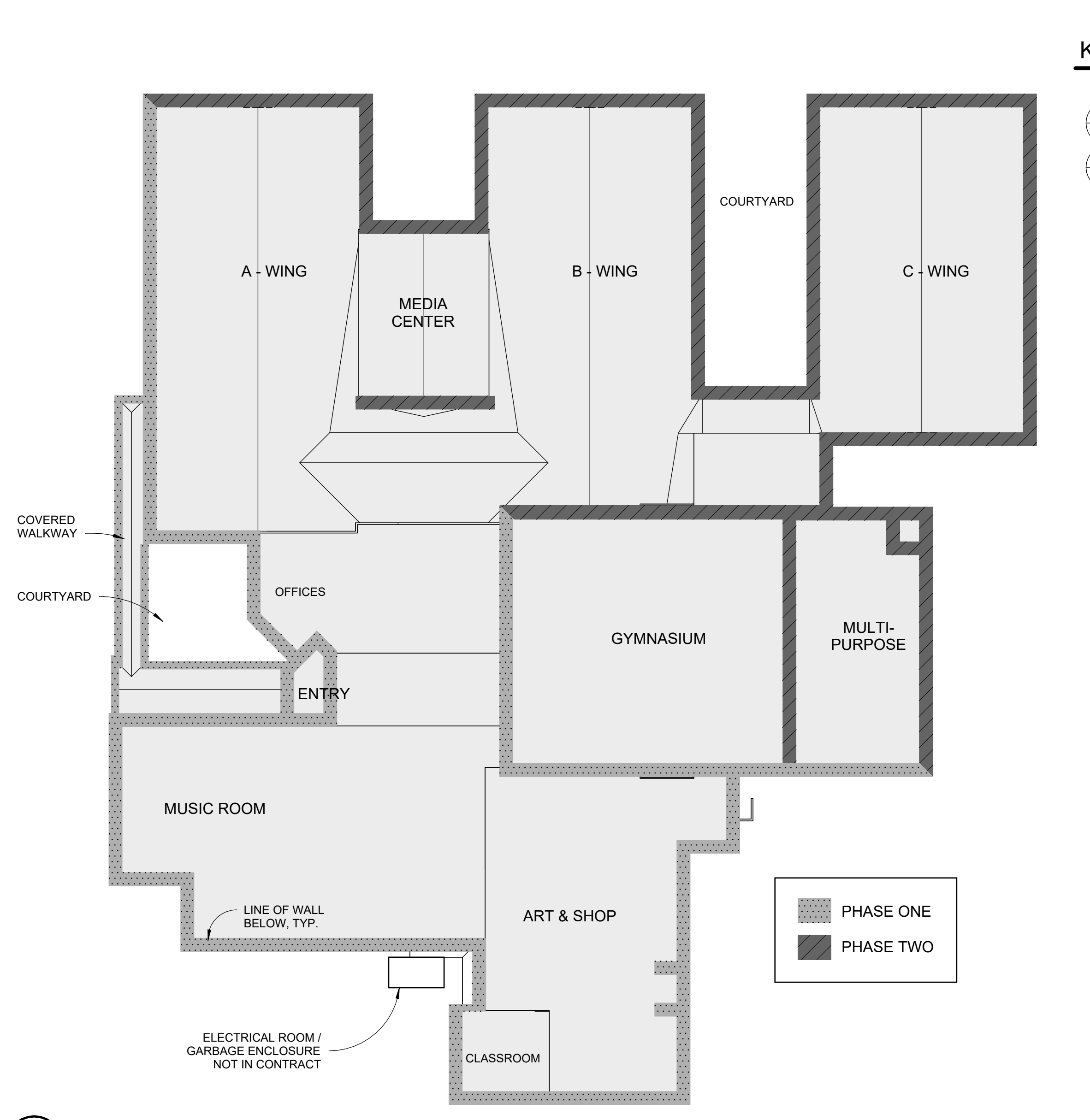
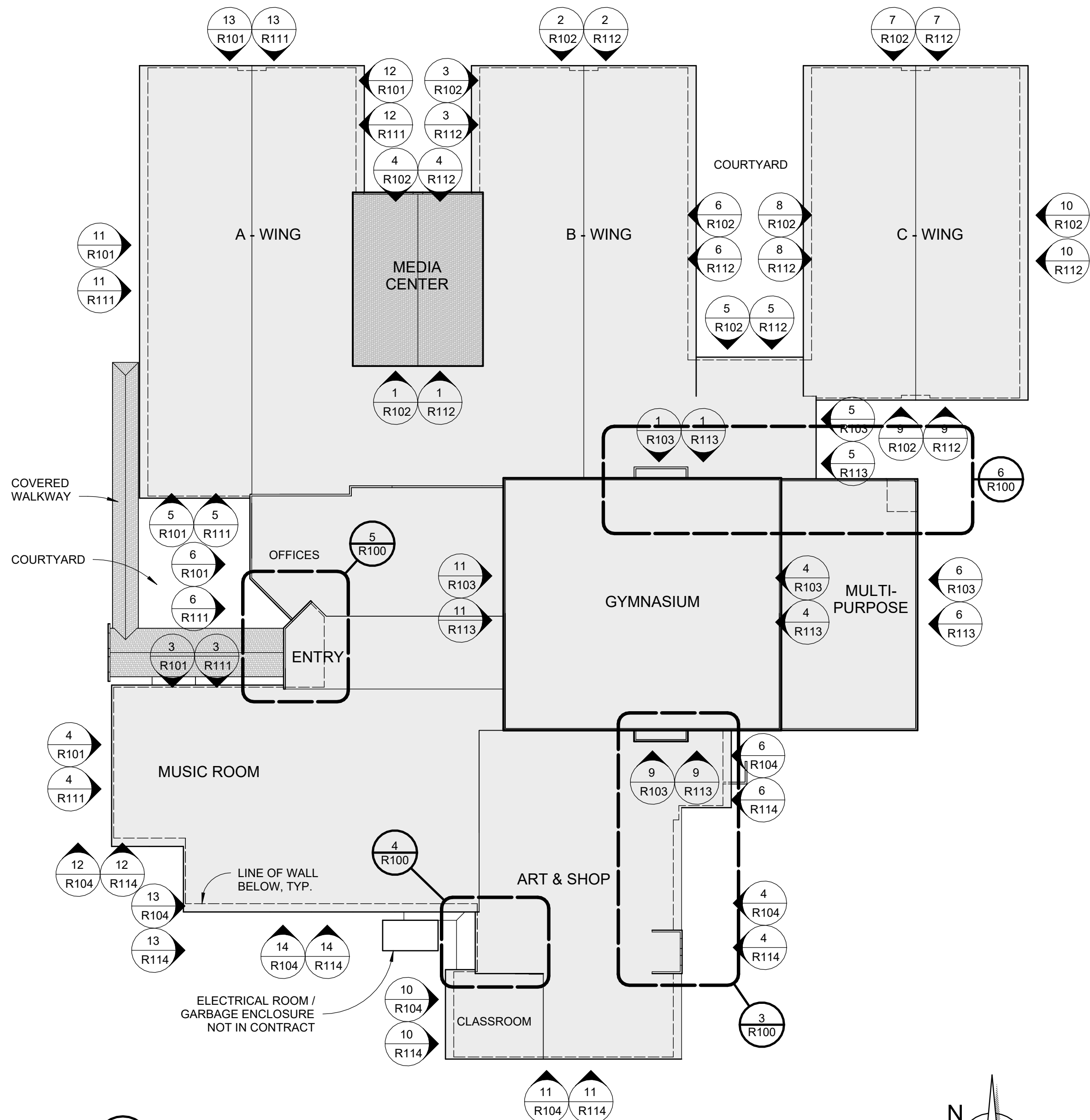
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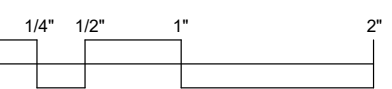
KEY PLAN LEGEND

- VIEW NUMBER ON SHEET, TYP.
- EXTERIOR WALL, EXISTING / DEMO ELEVATION VIEW
- EXTERIOR WALL CLADDING REPLACEMENT ELEVATION VIEW
- DIRECTION OF VIEW, TYP.
- SHEET NUMBER, TYP.

KELSO SCHOOL DISTRICT COWEEMAN MIDDLE SCHOOL CLADDING REPLACEMENT

Sheet Title:
ELEVATION KEY PLAN & PHASING PLAN

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Date: JANUARY 2025

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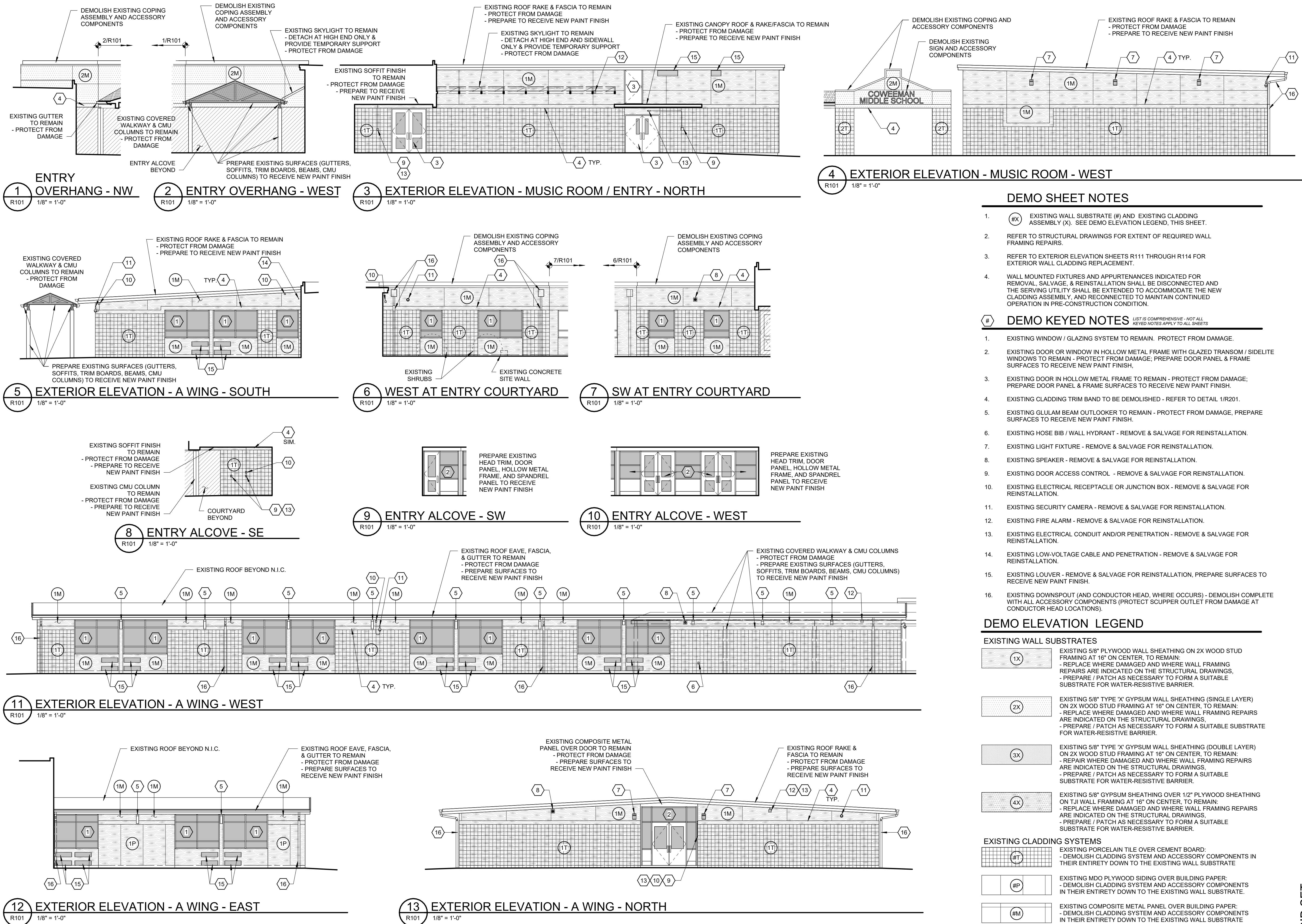
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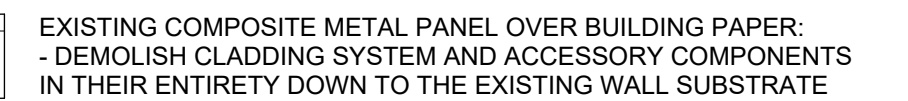
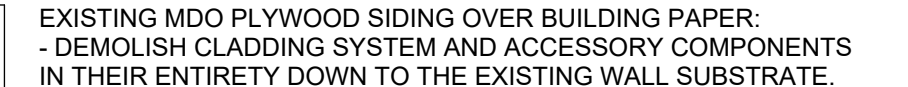
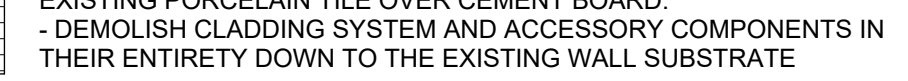
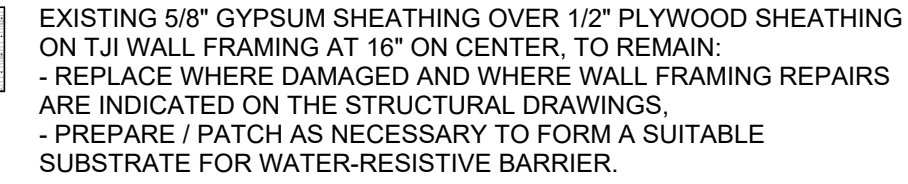
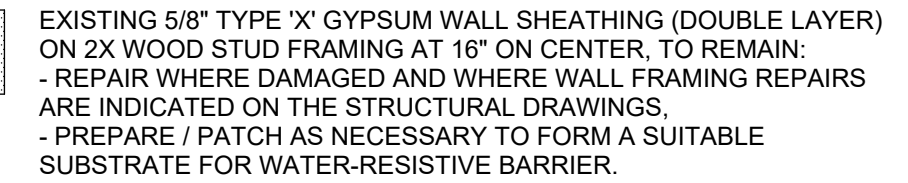
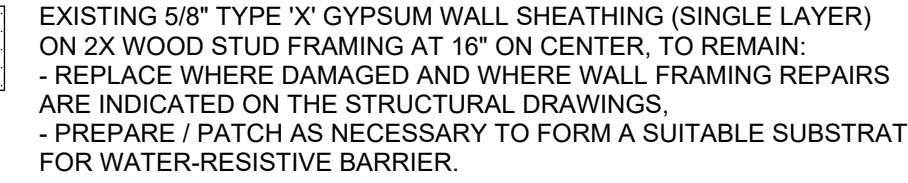
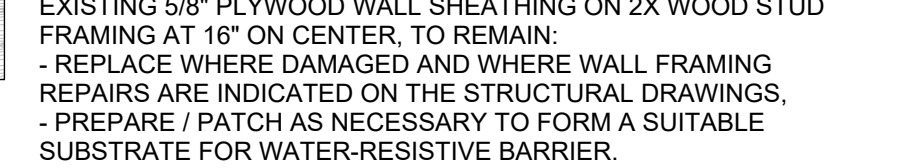
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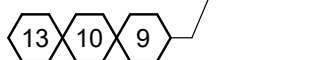
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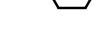
EXISTING ROOF RAKE &
FASCIA TO REMAIN
- PROTECT FROM DAMAGE
PREPARE SURFACES TO



R102 $1/8" = 1'-0"$



R102 1/8" = 1'-0"

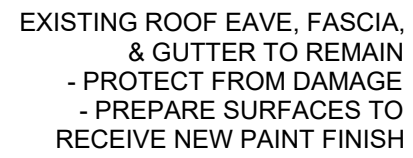


R102	1/8" = 1'-0"
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R102 $1/8" = 1'-0"$

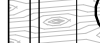
1. EXISTING WINDOW / GLAZING SYSTEM TO REMAIN. PROTECT FROM DAMAGE.
2. EXISTING DOOR OR WINDOW IN HOLLOW METAL FRAME WITH GLAZED TRANSOM / SIDE WINDOWS TO REMAIN - PROTECT FROM DAMAGE; PREPARE DOOR PANEL & FRAME SURFACES TO RECEIVE NEW PAINT FINISH.
3. EXISTING DOOR IN HOLLOW METAL FRAME TO REMAIN - PROTECT FROM DAMAGE; PREPARE DOOR PANEL & FRAME SURFACES TO RECEIVE NEW PAINT FINISH.
4. EXISTING CLADDING TRIM BAND TO BE DEMOLISHED - REFER TO DETAIL 1/R201.
5. EXISTING GLULAM BEAM OUTLOOKER TO REMAIN - PROTECT FROM DAMAGE, PREPARE SURFACES TO RECEIVE NEW PAINT FINISH.
6. EXISTING HOSE BIB / WALL HYDRANT - REMOVE & SALVAGE FOR REINSTALLATION.
7. EXISTING LIGHT FIXTURE - REMOVE & SALVAGE FOR REINSTALLATION.
8. EXISTING SPEAKER - REMOVE & SALVAGE FOR REINSTALLATION.
9. EXISTING DOOR ACCESS CONTROL - REMOVE & SALVAGE FOR REINSTALLATION.
10. EXISTING ELECTRICAL RECEPTACLE OR JUNCTION BOX - REMOVE & SALVAGE FOR REINSTALLATION.
11. EXISTING SECURITY CAMERA - REMOVE & SALVAGE FOR REINSTALLATION.
12. EXISTING FIRE ALARM - REMOVE & SALVAGE FOR REINSTALLATION.
13. EXISTING ELECTRICAL CONDUIT AND/OR PENETRATION - REMOVE & SALVAGE FOR REINSTALLATION.
14. EXISTING LOW-VOLTAGE CABLE AND PENETRATION - REMOVE & SALVAGE FOR REINSTALLATION.
15. EXISTING LOUVER - REMOVE & SALVAGE FOR REINSTALLATION, PREPARE SURFACES TO RECEIVE NEW PAINT FINISH.
16. EXISTING DOWNSPOUT (AND CONDUCTOR HEAD, WHERE OCCURS) - DEMOLISH COMPLETE WITH ALL ACCESSORY COMPONENTS (PROTECT SCUPPER OUTLET FROM DAMAGE AT CONDUCTOR HEAD LOCATIONS).



R102 1/8" = 1'-0"



R102 1/8" = 1'-0"

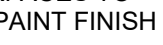


R102 1/8" = 1'-0"

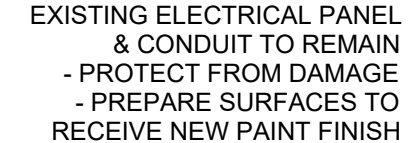


R102 1/8" = 1'-0"

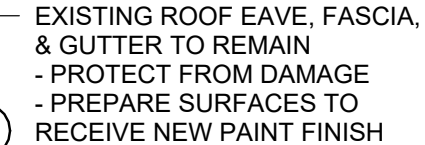
- CT THROUGH
L TO REMAIN
OM DAMAGE



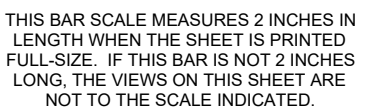
R102 1/8" = 1'-0"



(R102) 1/8" = 1'-0"



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Revisions:

PRC No.: R3383.04

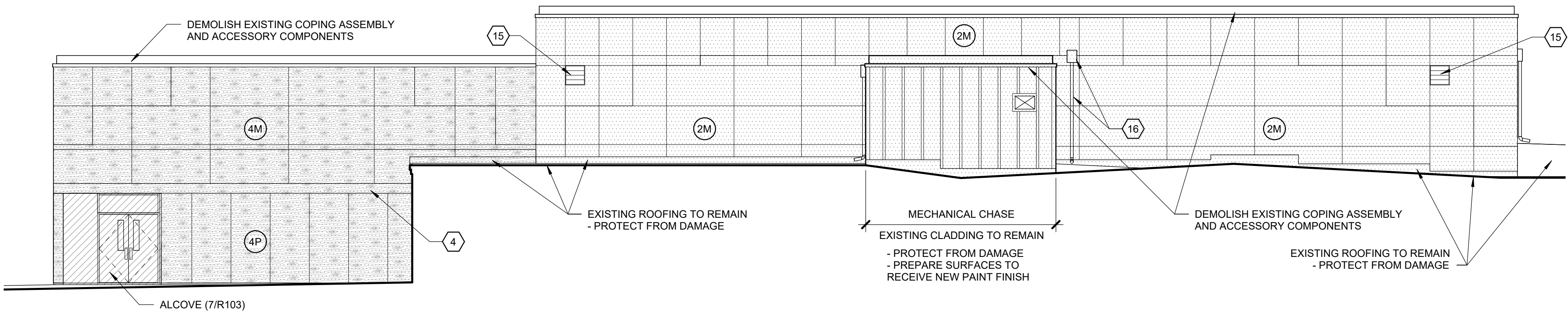
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R102

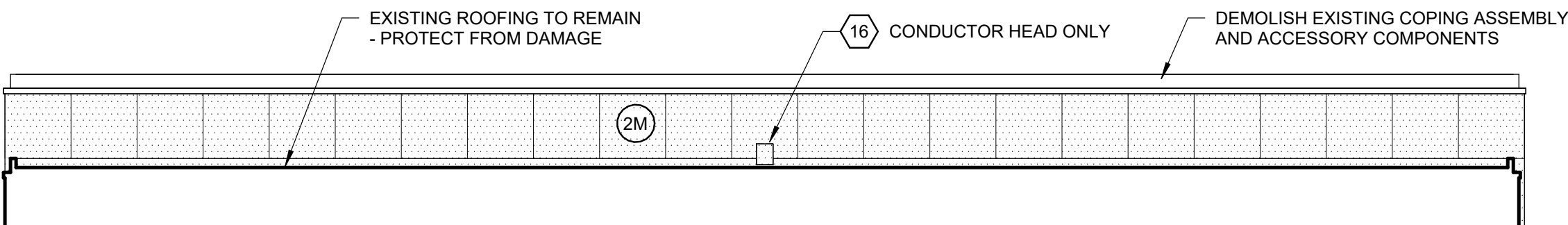
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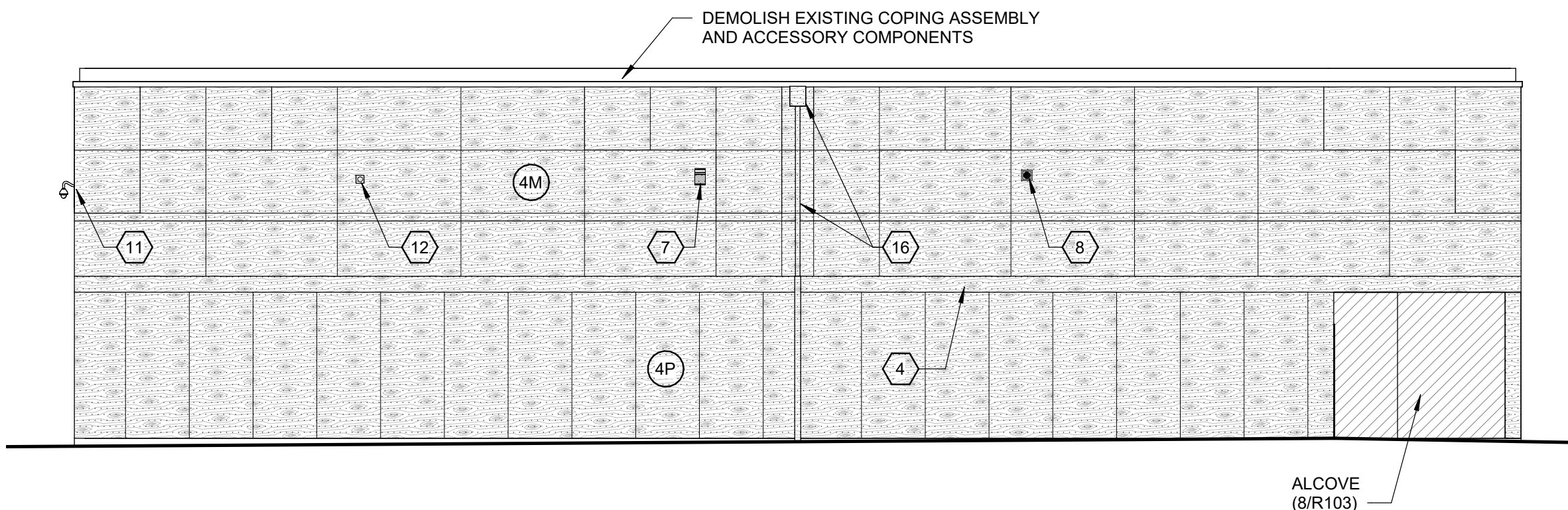
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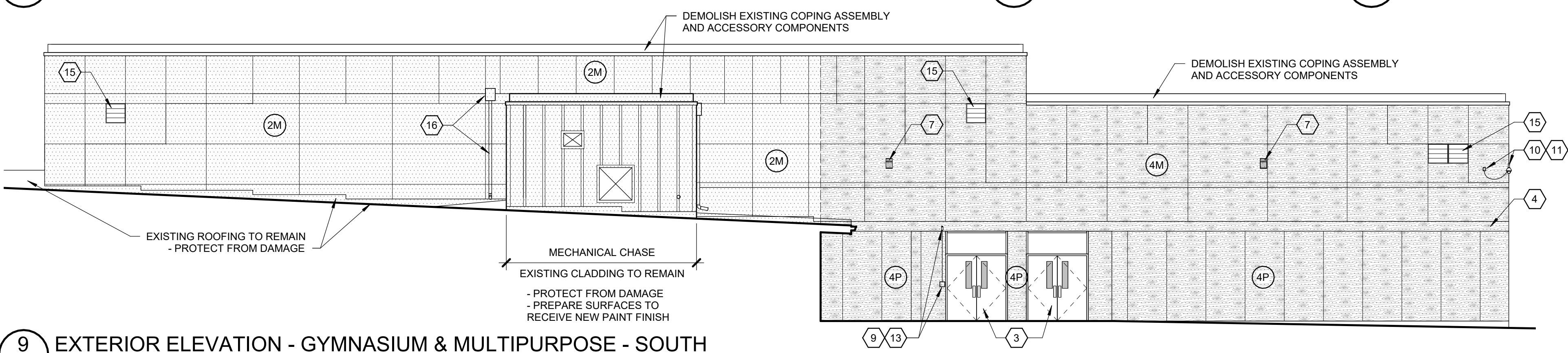
1 EXTERIOR ELEVATION - GYMNASIUM & MULTIPURPOSE - NORTH
R103 1/8" = 1'-0"



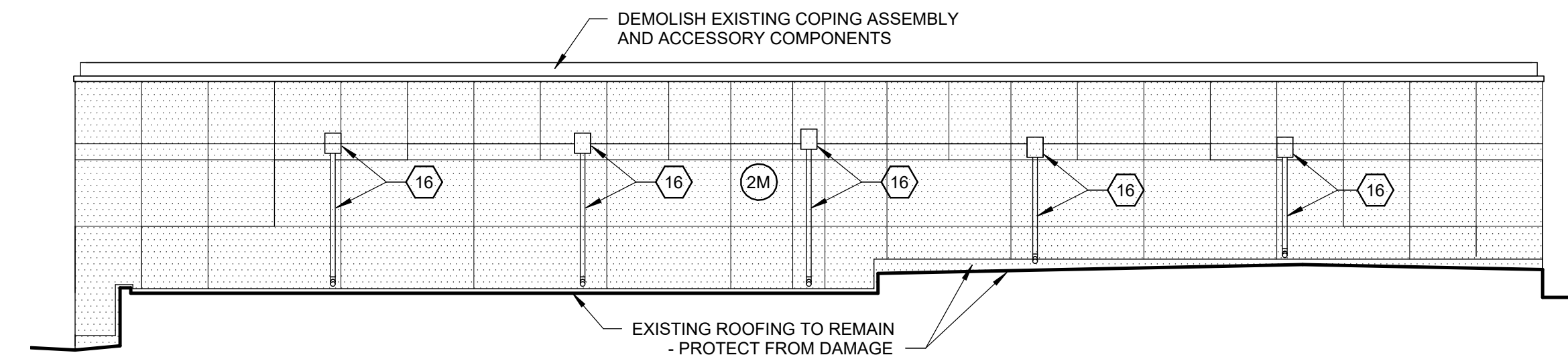
4 EXTERIOR ELEVATION - GYMNASIUM - EAST
R103 1/8" = 1'-0"



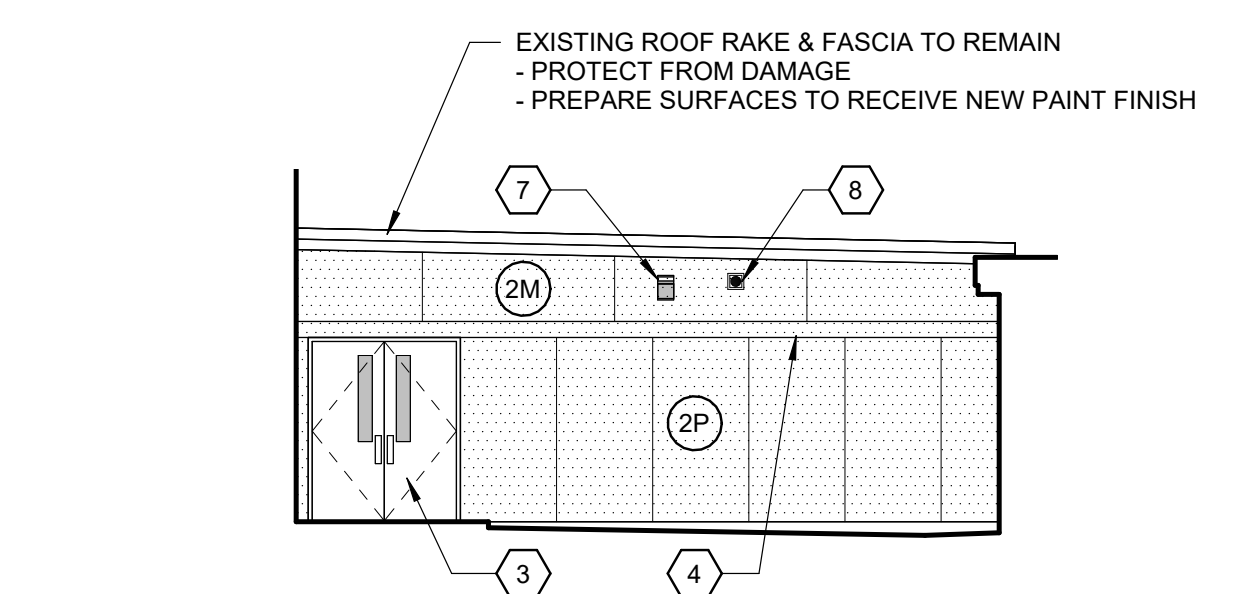
6 EXTERIOR ELEVATION - MULTIPURPOSE - EAST
R103 1/8" = 1'-0"



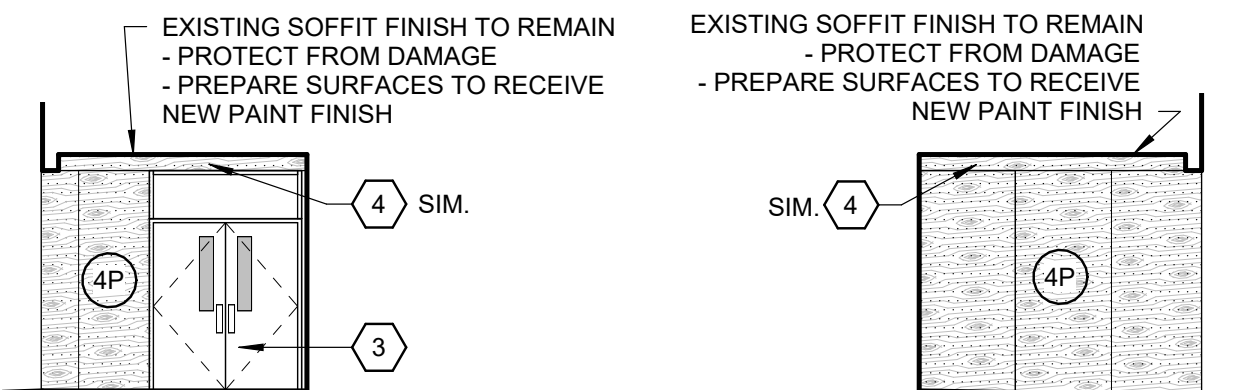
9 EXTERIOR ELEVATION - GYMNASIUM & MULTIPURPOSE - SOUTH
R103 1/8" = 1'-0"



11 EXTERIOR ELEVATION - GYMNASIUM - WEST
R103 1/8" = 1'-0"

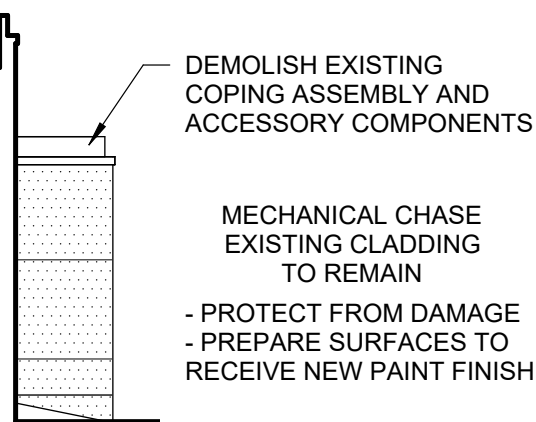


5 EAST BETWEEN C WING & MULTIPURPOSE
R103 1/8" = 1'-0"

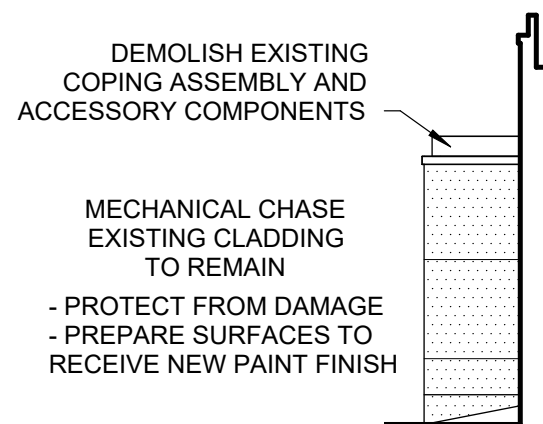


7 NORTH AT MULTIPURPOSE ALCOVE
R103 1/8" = 1'-0"

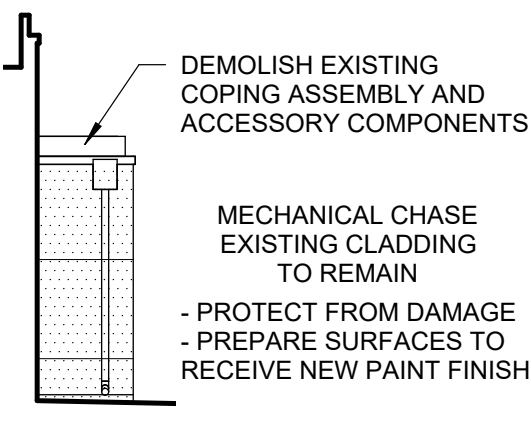
8 EAST AT MULTIPURPOSE ALCOVE
R103 1/8" = 1'-0"



10 SOUTH MECH. CHASE - WEST
R103 1/8" = 1'-0"



2 NORTH MECH. CHASE - WEST
R103 1/8" = 1'-0"



3 NORTH MECH. CHASE - EAST
R103 1/8" = 1'-0"

DEMO SHEET NOTES

- EXISTING WALL SUBSTRATE (#) AND EXISTING CLADDING ASSEMBLY (X). SEE DEMO ELEVATION LEGEND, THIS SHEET.
- REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF REQUIRED WALL FRAMING REPAIRS.
- REFER TO EXTERIOR ELEVATION SHEETS R111 THROUGH R114 FOR EXTERIOR WALL CLADDING REPLACEMENT.
- WALL MOUNTED FIXTURES AND APPURTENANCES INDICATED FOR REMOVAL. SALVAGE, & REINSTALLATION SHALL BE DISCONNECTED AND THE SERVING UTILITY SHALL BE EXTENDED TO ACCOMMODATE THE NEW CLADDING ASSEMBLY, AND RECONNECTED TO MAINTAIN CONTINUED OPERATION IN PRE-CONSTRUCTION CONDITION.

DEMO KEYED NOTES

LIST IS COMPREHENSIVE - NOT ALL KEYED NOTES APPLY TO ALL SHEETS

- EXISTING WINDOW / GLAZING SYSTEM TO REMAIN. PROTECT FROM DAMAGE.
- EXISTING DOOR OR WINDOW IN HOLLOW METAL FRAME WITH GLAZED TRANSOM / SIDELITE WINDOWS TO REMAIN - PROTECT FROM DAMAGE; PREPARE DOOR PANEL & FRAME SURFACES TO RECEIVE NEW PAINT FINISH.
- EXISTING DOOR IN HOLLOW METAL FRAME TO REMAIN - PROTECT FROM DAMAGE; PREPARE DOOR PANEL & FRAME SURFACES TO RECEIVE NEW PAINT FINISH.
- EXISTING CLADDING TRIM BAND TO BE DEMOLISHED - REFER TO DETAIL 1/R201.
- EXISTING GLULAM BEAM OUTLOOKER TO REMAIN - PROTECT FROM DAMAGE, PREPARE SURFACES TO RECEIVE NEW PAINT FINISH.
- EXISTING HOSE BIB / WALL HYDRANT - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING LIGHT FIXTURE - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING SPEAKER - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING DOOR ACCESS CONTROL - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING ELECTRICAL RECEPTACLE OR JUNCTION BOX - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING SECURITY CAMERA - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING FIRE ALARM - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING ELECTRICAL CONDUIT AND/OR PENETRATION - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING LOW-VOLTAGE CABLE AND PENETRATION - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING LOUVER - REMOVE & SALVAGE FOR REINSTALLATION, PREPARE SURFACES TO RECEIVE NEW PAINT FINISH.
- EXISTING DOWNSPOUT (AND CONDUCTOR HEAD, WHERE OCCURS) - DEMOLISH COMPLETE WITH ALL ACCESSORY COMPONENTS (PROTECT SCUPPER OUTLET FROM DAMAGE AT CONDUCTOR HEAD LOCATIONS).

DEMO ELEVATION LEGEND

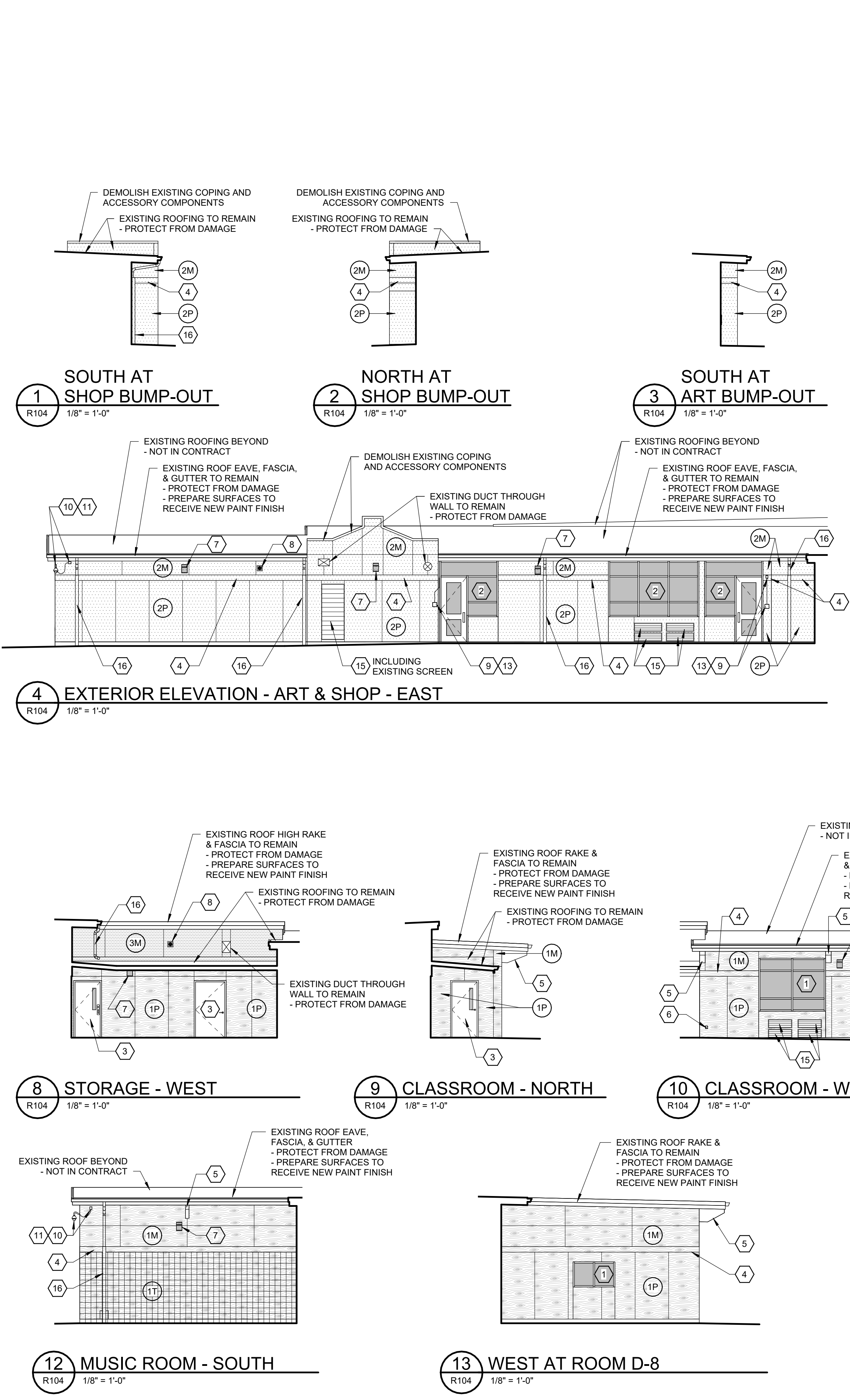
EXISTING WALL SUBSTRATES

- 1X** EXISTING 5/8" PLYWOOD WALL SHEATHING ON 2X WOOD STUD FRAMING AT 16" ON CENTER, TO REMAIN:
- REPLACE WHERE DAMAGED AND WHERE WALL FRAMING REPAIRS ARE INDICATED ON THE STRUCTURAL DRAWINGS.
- PREPARE / PATCH AS NECESSARY TO FORM A SUITABLE SUBSTRATE FOR WATER-RESISTIVE BARRIER.
- 2X** EXISTING 5/8" TYPE 'X' GYPSUM WALL SHEATHING (SINGLE LAYER) ON 2X WOOD STUD FRAMING AT 16" ON CENTER, TO REMAIN:
- REPLACE WHERE DAMAGED AND WHERE WALL FRAMING REPAIRS ARE INDICATED ON THE STRUCTURAL DRAWINGS.
- PREPARE / PATCH AS NECESSARY TO FORM A SUITABLE SUBSTRATE FOR WATER-RESISTIVE BARRIER.
- 3X** EXISTING 5/8" TYPE 'X' GYPSUM WALL SHEATHING (DOUBLE LAYER) ON 2X WOOD STUD FRAMING AT 16" ON CENTER, TO REMAIN:
- REPAIR WHERE DAMAGED AND WHERE WALL FRAMING REPAIRS ARE INDICATED ON THE STRUCTURAL DRAWINGS.
- PREPARE / PATCH AS NECESSARY TO FORM A SUITABLE SUBSTRATE FOR WATER-RESISTIVE BARRIER.
- 4X** EXISTING 5/8" GYPSUM SHEATHING OVER 1/2" PLYWOOD SHEATHING ON TJI WALL FRAMING AT 16" ON CENTER, TO REMAIN:
- REPLACE WHERE DAMAGED AND WHERE WALL FRAMING REPAIRS ARE INDICATED ON THE STRUCTURAL DRAWINGS.
- PREPARE / PATCH AS NECESSARY TO FORM A SUITABLE SUBSTRATE FOR WATER-RESISTIVE BARRIER.

EXISTING CLADDING SYSTEMS

- #T** EXISTING PORCELAIN TILE OVER CEMENT BOARD:
- DEMOLISH CLADDING SYSTEM AND ACCESSORY COMPONENTS IN THEIR ENTIRETY DOWN TO THE EXISTING WALL SUBSTRATE
- #P** EXISTING MDO PLYWOOD SIDING OVER BUILDING PAPER:
- DEMOLISH CLADDING SYSTEM AND ACCESSORY COMPONENTS IN THEIR ENTIRETY DOWN TO THE EXISTING WALL SUBSTRATE.
- #M** EXISTING COMPOSITE METAL PANEL OVER BUILDING PAPER:
- DEMOLISH CLADDING SYSTEM AND ACCESSORY COMPONENTS IN THEIR ENTIRETY DOWN TO THE EXISTING WALL SUBSTRATE

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DEMO SHEET NOTES

- EXISTING WALL SUBSTRATE (#) AND EXISTING CLADDING ASSEMBLY (X). SEE DEMO ELEVATION LEGEND, THIS SHEET.
- REFER TO STRUCTURAL DRAWINGS FOR EXTENT OF REQUIRED WALL FRAMING REPAIRS.
- REFER TO EXTERIOR ELEVATION SHEETS R111 THROUGH R114 FOR EXTERIOR WALL CLADDING REPLACEMENT.
- WALL MOUNTED FIXTURES AND APPURTENANCES INDICATED FOR REMOVAL, SALVAGE, & REINSTALLATION SHALL BE DISCONNECTED AND THE SERVING UTILITY SHALL BE EXTENDED TO ACCOMMODATE THE NEW CLADDING ASSEMBLY, AND RECONNECTED TO MAINTAIN CONTINUED OPERATION IN PRE-CONSTRUCTION CONDITION.

DEMO KEYED NOTES

LIST IS COMPREHENSIVE - NOT ALL KEYED NOTES APPLY TO ALL SHEETS

- EXISTING WINDOW / GLAZING SYSTEM TO REMAIN. PROTECT FROM DAMAGE.
- EXISTING DOOR OR WINDOW IN HOLLOW METAL FRAME WITH GLAZED TRANSOM / SIDELITE WINDOWS TO REMAIN - PROTECT FROM DAMAGE; PREPARE DOOR PANEL & FRAME SURFACES TO RECEIVE NEW PAINT FINISH.
- EXISTING DOOR IN HOLLOW METAL FRAME TO REMAIN - PROTECT FROM DAMAGE; PREPARE DOOR PANEL & FRAME SURFACES TO RECEIVE NEW PAINT FINISH.
- EXISTING CLADDING TRIM BAND TO BE DEMOLISHED - REFER TO DETAIL 1/R201.
- EXISTING GLULAM BEAM OUTLOOKER TO REMAIN - PROTECT FROM DAMAGE, PREPARE SURFACES TO RECEIVE NEW PAINT FINISH.
- EXISTING HOSE BIB / WALL HYDRANT - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING LIGHT FIXTURE - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING SPEAKER - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING DOOR ACCESS CONTROL - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING ELECTRICAL RECEPTACLE OR JUNCTION BOX - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING SECURITY CAMERA - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING FIRE ALARM - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING ELECTRICAL CONDUIT AND/OR PENETRATION - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING LOW-VOLTAGE CABLE AND PENETRATION - REMOVE & SALVAGE FOR REINSTALLATION.
- EXISTING LOUVER - REMOVE & SALVAGE FOR REINSTALLATION, PREPARE SURFACES TO RECEIVE NEW PAINT FINISH.
- EXISTING DOWNSPOUT (AND CONDUCTOR HEAD, WHERE OCCURS) - DEMOLISH COMPLETE WITH ALL ACCESSORY COMPONENTS (PROTECT SCUPPER OUTLET FROM DAMAGE AT CONDUCTOR HEAD LOCATIONS).

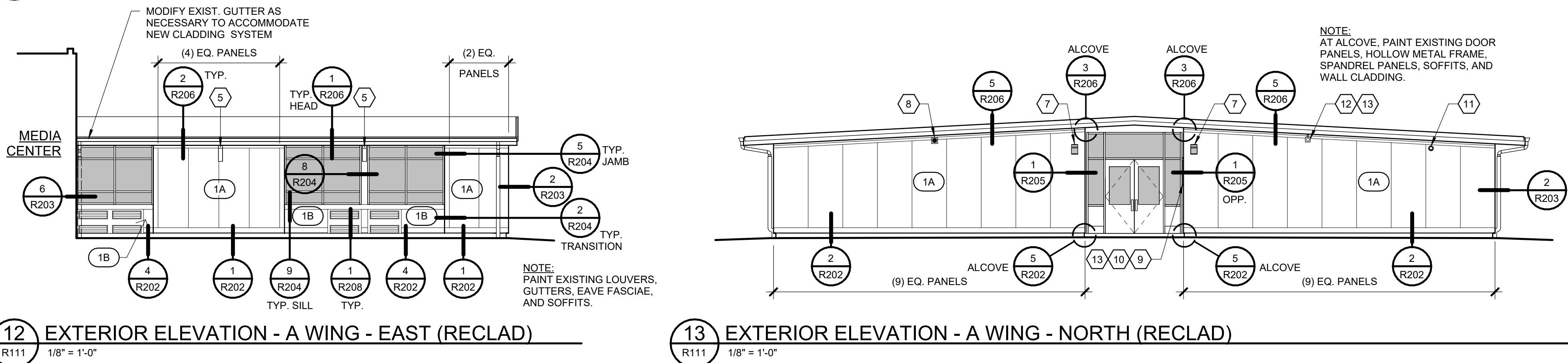
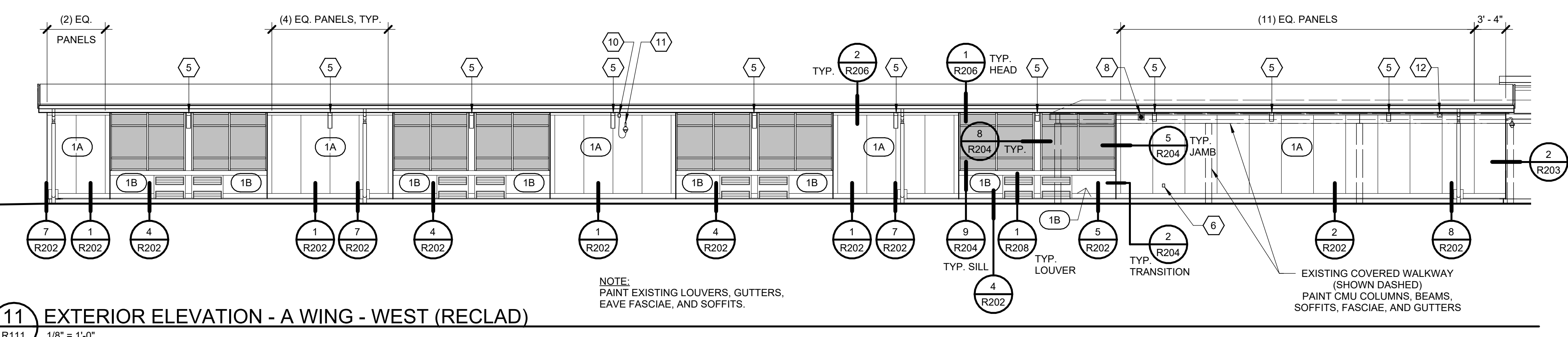
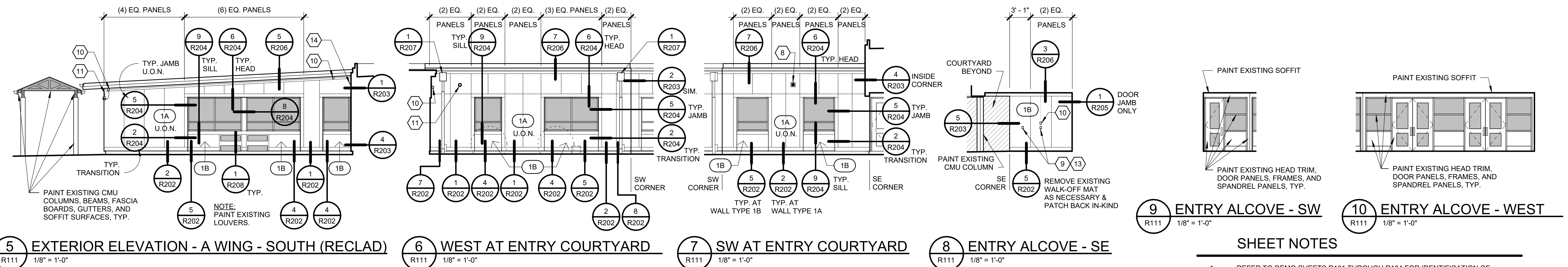
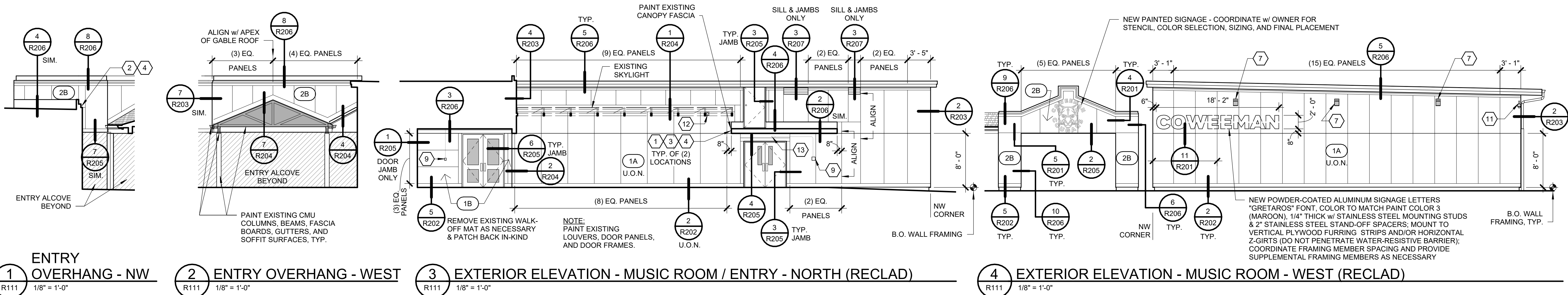
DEMO ELEVATION LEGEND

EXISTING WALL SUBSTRATES

- 1X** EXISTING 5/8" PLYWOOD WALL SHEATHING ON 2X WOOD STUD FRAMING AT 16" ON CENTER, TO REMAIN:
- REPLACE WHERE DAMAGED AND WHERE WALL FRAMING REPAIRS ARE INDICATED ON THE STRUCTURAL DRAWINGS.
- PREPARE / PATCH AS NECESSARY TO FORM A SUITABLE SUBSTRATE FOR WATER-RESISTIVE BARRIER.
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EXISTING CLADDING SYSTEMS

- #T** EXISTING PORCELAIN TILE OVER CEMENT BOARD:
- DEMOLISH CLADDING SYSTEM AND ACCESSORY COMPONENTS IN THEIR ENTIRETY DOWN TO THE EXISTING WALL SUBSTRATE
- #P** EXISTING MDO PLYWOOD SIDING OVER BUILDING PAPER:
- DEMOLISH CLADDING SYSTEM AND ACCESSORY COMPONENTS IN THEIR ENTIRETY DOWN TO THE EXISTING WALL SUBSTRATE.
- #M** EXISTING COMPOSITE METAL PANEL OVER BUILDING PAPER:
- DEMOLISH CLADDING SYSTEM AND ACCESSORY COMPONENTS IN THEIR ENTIRETY DOWN TO THE EXISTING WALL SUBSTRATE



SHEET NOTES

- REFER TO DEMO SHEETS R101 THROUGH R104 FOR IDENTIFICATION OF ITEMS NOT NOTED.
- #/X** EXTERIOR WALL ASSEMBLY - REFER TO SHEET R200.
 - FIELD VERIFY AND EXAMINE EXISTING SUBSTRATE CONDITIONS TO CONFIRM DIMENSIONS, CONFIGURATIONS, AND MATERIALS. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF REQUIRED REPAIRS TO EXISTING WALL FRAMING. WHERE WALL FRAMING REPAIRS ARE INDICATED, AND WHERE EXISTING SHEATHING IS DAMAGED, REMOVE AND REPLACE EXISTING WALL SHEATHING IN-KIND (LIKE-FOR-LIKE IN TERMS OF THICKNESS, NUMBER OF LAYERS, AND MATERIAL TYPE) TO MATCH SURROUNDING EXISTING CONSTRUCTION TO REMAIN.
 - REFER TO STRUCTURAL DRAWINGS FOR SPECIFICATION OF MATERIAL, SPACING, AND FASTENING REQUIREMENTS FOR HORIZONTAL COLD-FORMED STEEL Z-GIRT FRAMING AND VERTICAL PLYWOOD FURRING STRIPS.
- FOR JOINTS BETWEEN ADJACENT FIBER-CEMENT SIDING PANELS:
 - VERTICAL JOINTS:
REFER TO DETAILS 2/R201 (INSULATED) & 4/R201 (UNINSULATED).
 - HORIZONTAL JOINTS:
REFER TO DETAILS 3/R201 (INSULATED) & 5/R201 (UNINSULATED).

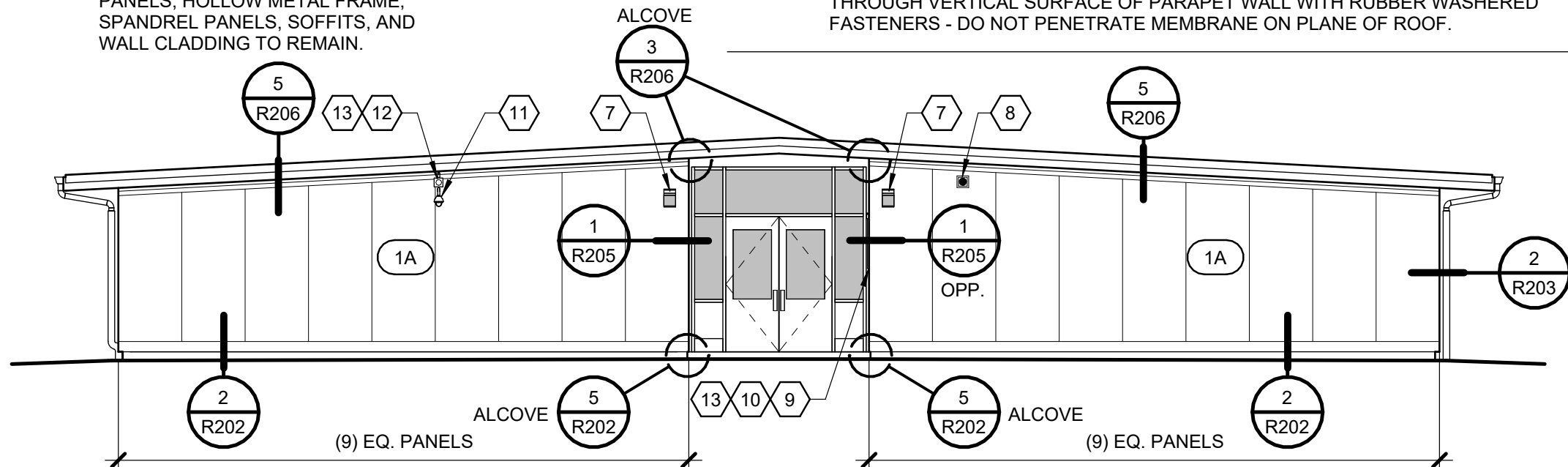
KEYED NOTES

- LIST IS COMPREHENSIVE - NOT ALL KEYED NOTES APPLY TO ALL SHEETS
- EXISTING CANOPY FASCIA INTERSECTION WITH EXTERIOR WALL.
 - EXISTING PARAPET INTERSECTION WITH EXTERIOR WALL.
 - EXISTING ROOF INTERSECTION WITH EXTERIOR WALL.
 - PROVIDE REMOVABLE FIBER CEMENT CLADDING PANEL(S) TO ALLOW ACCESS FOR FUTURE REPLACEMENT OF ROOF SYSTEM (AND RELATED SADDLE FLASHING INSTALLATION) - SECURE WITH RUBBER WASHERED FASTENERS.
 - EXISTING GLULAM BEAM OUTLOOKER - REFER TO DETAILS 9/R201 & 10/R201.
 - EXISTING HOSE BIB / WALL HYDRANT - REFER TO DETAIL 8/R201.
 - EXISTING LIGHT FIXTURE - REFER TO DETAIL 7/R201.
 - EXISTING SPEAKER - REFER TO DETAIL 7/R201.
 - EXISTING DOOR ACCESS CONTROL - REFER TO DETAIL 7/R201.
 - EXISTING SECURITY CAMERA - REFER TO DETAIL 7/R201.
 - EXISTING FIRE ALARM - REFER TO DETAIL 7/R201.
 - EXISTING ELECTRICAL CONDUIT PENETRATION - REFER TO DETAIL 6/R201.
 - EXISTING LOW-VOLTAGE CABLE PENETRATION - REFER TO DETAIL 6/R201.
 - PROVIDE STAINLESS STEEL KICK-OUT FLASHING / WATER DIVERTER - FULLY BED FLANGES IN BUTYL SEALANT OVER EXISTING ROOF MEMBRANE AND SECURE THROUGH VERTICAL SURFACE OF PARAPET WALL WITH RUBBER WASHERED FASTENERS - DO NOT PENETRATE MEMBRANE ON PLANE OF ROOF.

KEYED NOTES LIST IS COMPREHENSIVE - NOT ALL KEYED NOTES APPLY TO ALL SHEETS

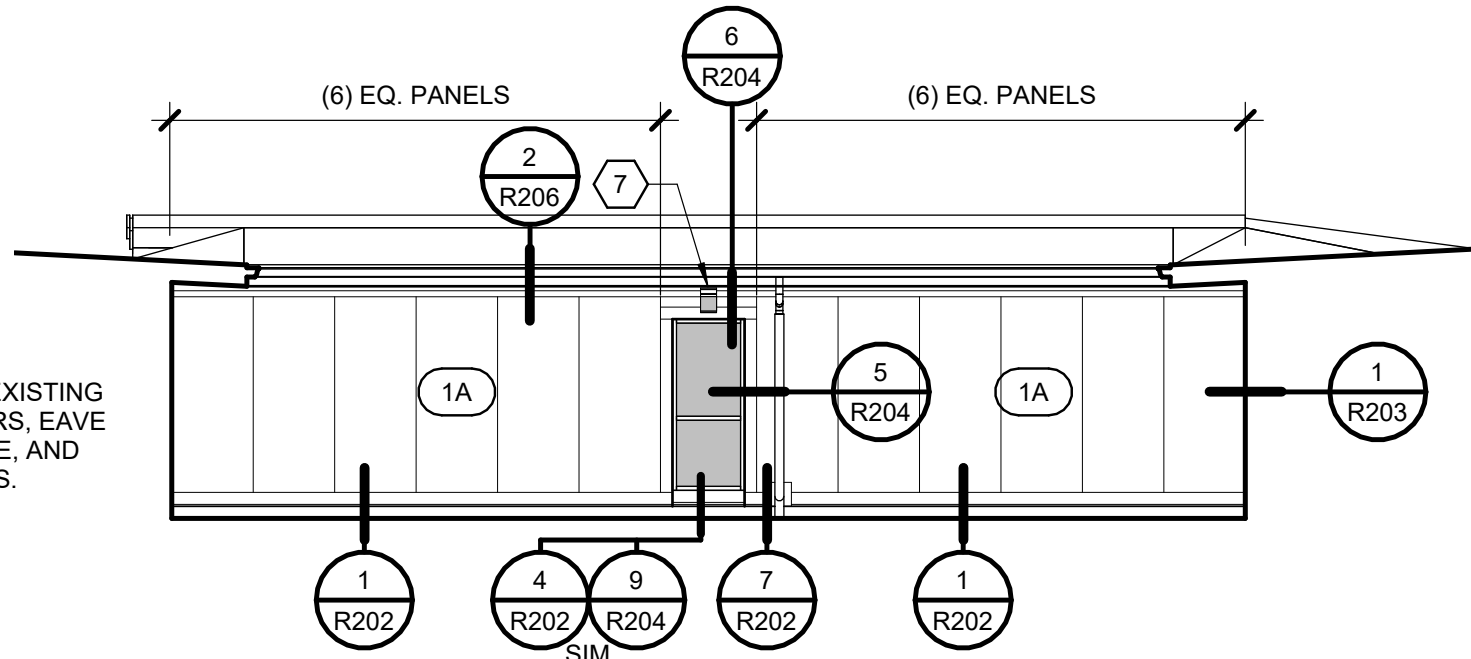
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- EXISTING PARAPET INTERSECTION WITH EXTERIOR WALL.
- EXISTING ROOF INTERSECTION WITH EXTERIOR WALL.
- PROVIDE REMOVABLE FIBER CEMENT CLADDING PANEL(S) TO ALLOW ACCESS FOR FUTURE REPLACEMENT OF ROOF SYSTEM (AND RELATED SADDLE FLASHING INSTALLATION) - SECURE WITH RUBBER WASHERED FASTENERS.
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- EXISTING SECURITY CAMERA - REFER TO DETAIL 7/R201.
- EXISTING FIRE ALARM - REFER TO DETAIL 7/R201.
- EXISTING ELECTRICAL CONDUIT PENETRATION - REFER TO DETAIL 6/R201.
- EXISTING LOW-VOLTAGE CABLE PENETRATION - REFER TO DETAIL 6/R201.
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NOTE:
AT ALCOVE, PAINT EXISTING DOOR PANELS, HOLLOW METAL FRAME, SPANDREL PANELS, SOFFITS, AND WALL CLADDING TO REMAIN.



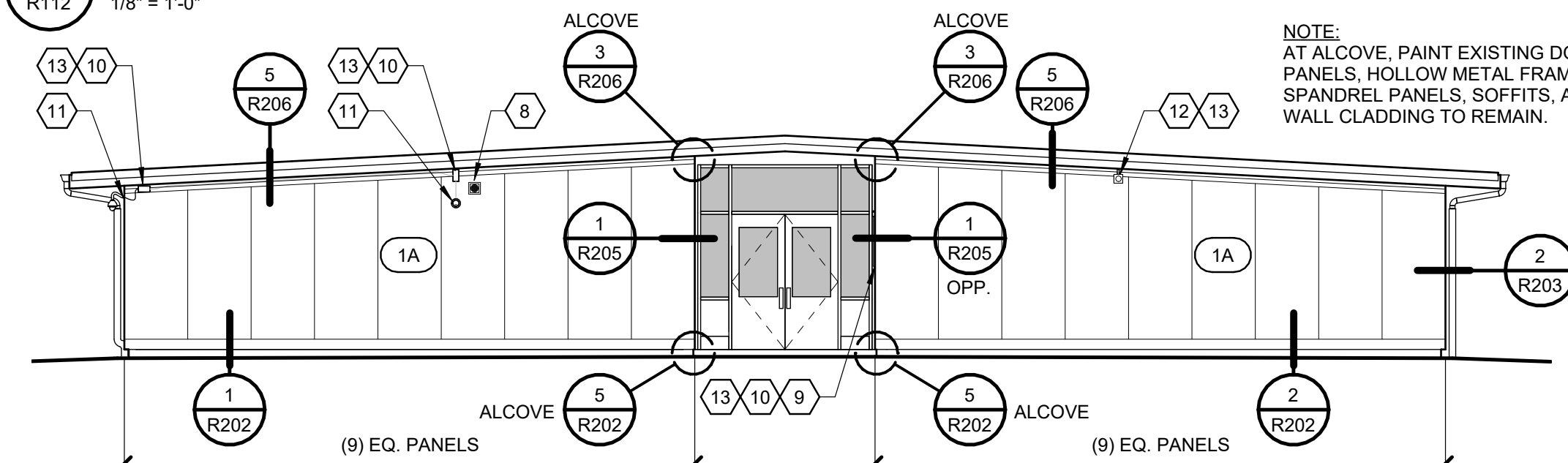
2 EXTERIOR ELEVATION - B WING - NORTH (RECLAD)
R112 1/8" = 1'-0"

NOTE:
PAINT EXISTING GUTTERS, EAVE FASCIAE, AND SOFFITS.



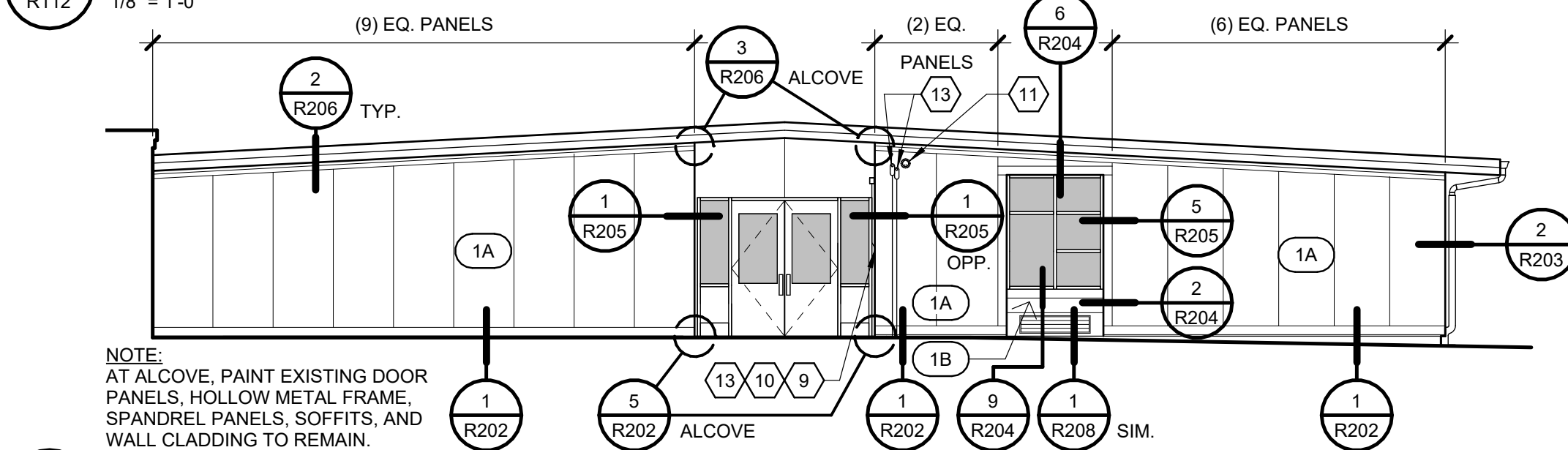
5 EXTERIOR ELEVATION - NORTH AT EAST COURTYARD (RECLAD)
R112 1/8" = 1'-0"

NOTE:
AT ALCOVE, PAINT EXISTING DOOR PANELS, HOLLOW METAL FRAME, SPANDREL PANELS, SOFFITS, AND WALL CLADDING TO REMAIN.



7 EXTERIOR ELEVATION - C WING - NORTH (RECLAD)
R112 1/8" = 1'-0"

NOTE:
AT ALCOVE, PAINT EXISTING DOOR PANELS, HOLLOW METAL FRAME, SPANDREL PANELS, SOFFITS, AND WALL CLADDING TO REMAIN.

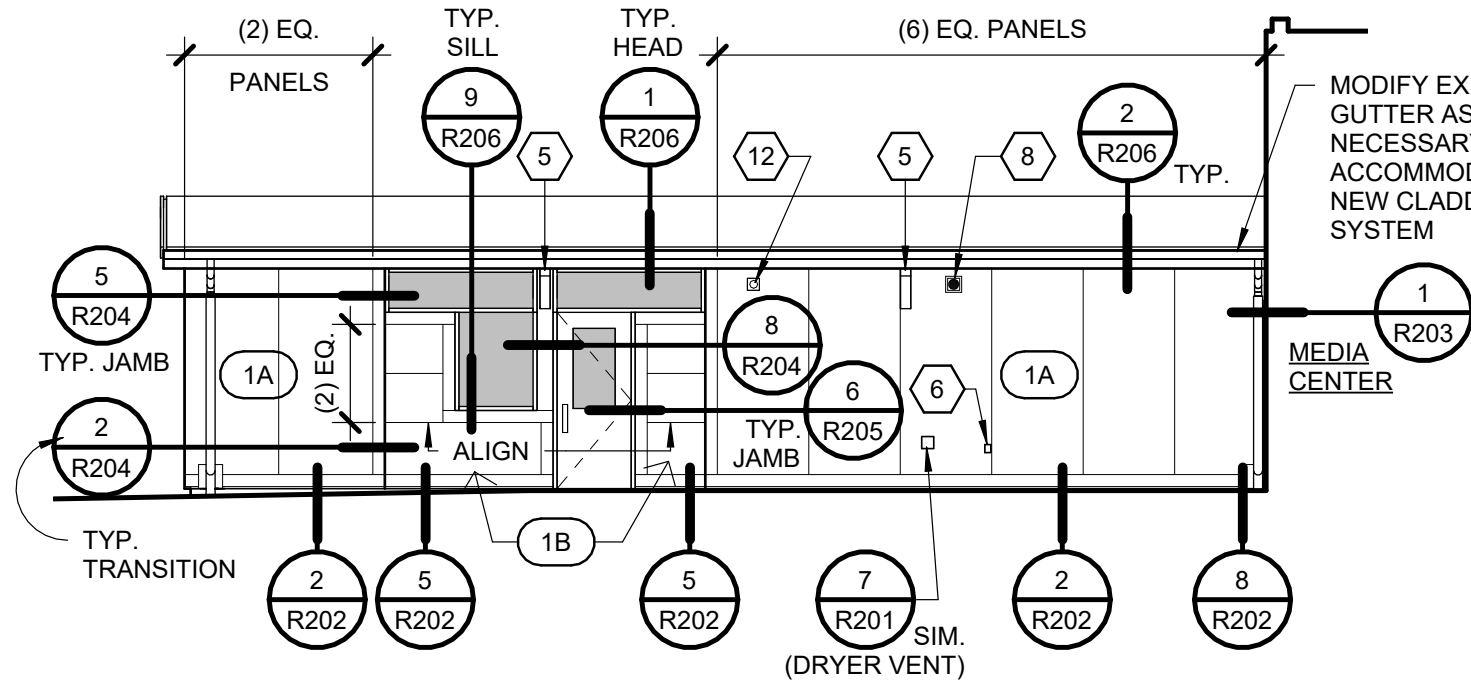


9 EXTERIOR ELEVATION - C - WING SOUTH (RECLAD)
R112 1/8" = 1'-0"

SHEET NOTES

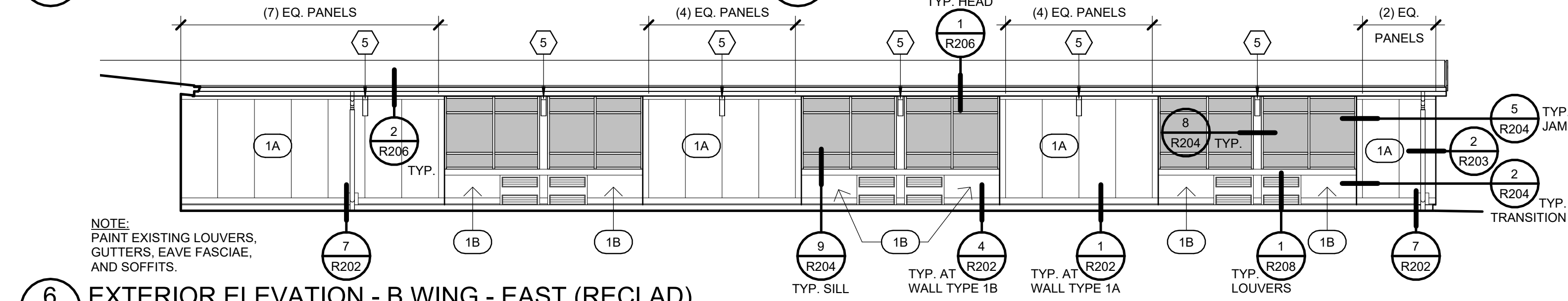
- REFER TO DEMO SHEETS R101 THROUGH R104 FOR IDENTIFICATION OF ITEMS NOT NOTED.
- #/X EXTERIOR WALL ASSEMBLY - REFER TO SHEET R200.
 - FIELD VERIFY AND EXAMINE EXISTING SUBSTRATE CONDITIONS TO CONFIRM DIMENSIONS, CONFIGURATIONS, AND MATERIALS. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF REQUIRED REPAIRS TO EXISTING WALL FRAMING. WHERE WALL FRAMING REPAIRS ARE INDICATED, AND WHERE EXISTING SHEATHING IS DAMAGED, REMOVE AND REPLACE EXISTING WALL SHEATHING IN-KIND (LIKE-FOR-LIKE IN TERMS OF THICKNESS, NUMBER OF LAYERS, AND MATERIAL TYPE) TO MATCH SURROUNDING EXISTING CONSTRUCTION TO REMAIN.
 - REFER TO STRUCTURAL DRAWINGS FOR SPECIFICATION OF MATERIAL, SPACING, AND FASTENING REQUIREMENTS FOR HORIZONTAL COLD-FORMED STEEL Z-GIRT FRAMING AND VERTICAL PLYWOOD FURRING STRIPS.
- FOR JOINTS BETWEEN ADJACENT FIBER-CEMENT SIDING PANELS:
 - VERTICAL JOINTS:
REFER TO DETAILS 2/R201 (INSULATED) & 4/R201 (UNINSULATED).
 - HORIZONTAL JOINTS:
REFER TO DETAILS 3/R201 (INSULATED) & 5/R201 (UNINSULATED).

NOTE:
PAINT EXISTING GUTTERS, EAVE FASCIAE, SOFFITS, DOOR PANEL, AND HOLLOW METAL FRAMES.

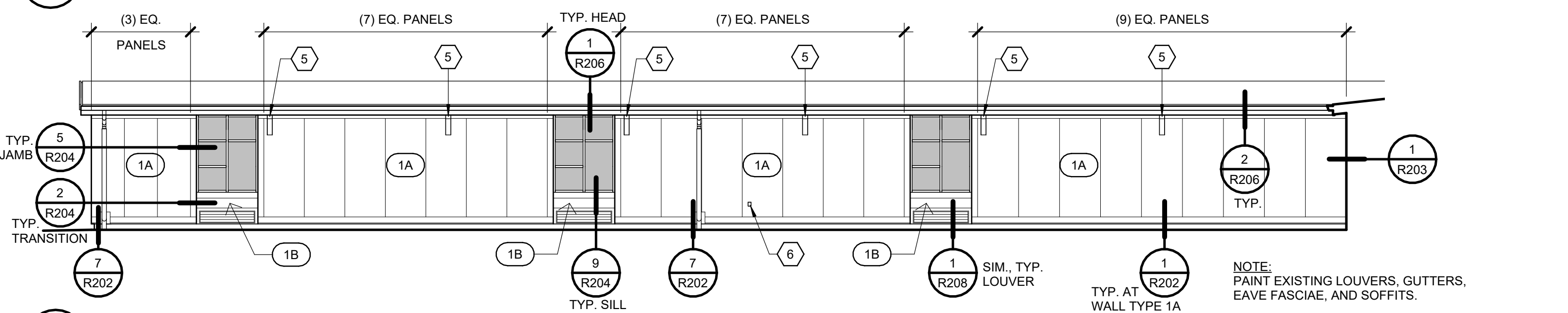


3 EXTERIOR ELEVATION - B WING - WEST (RECLAD)
R112 1/8" = 1'-0"

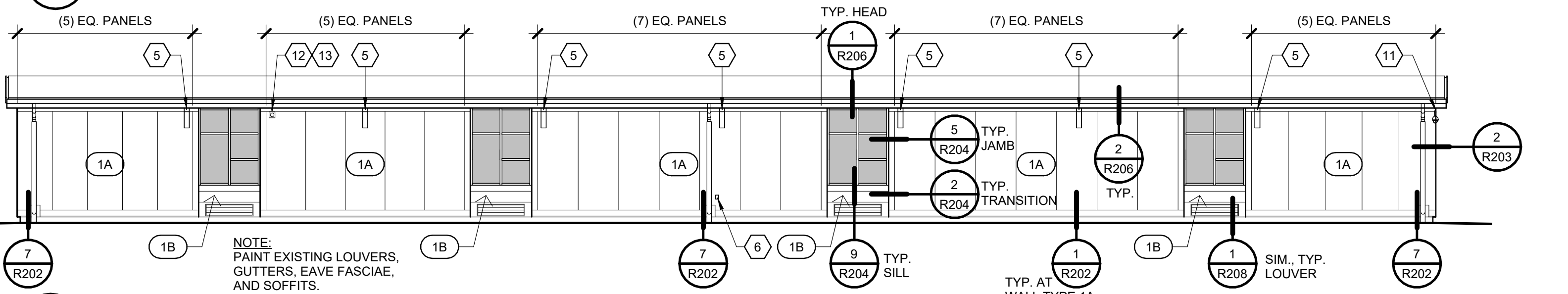
NOTE:
PAINT EXISTING LOUVERS, GUTTERS, EAVE FASCIAE, AND SOFFITS.



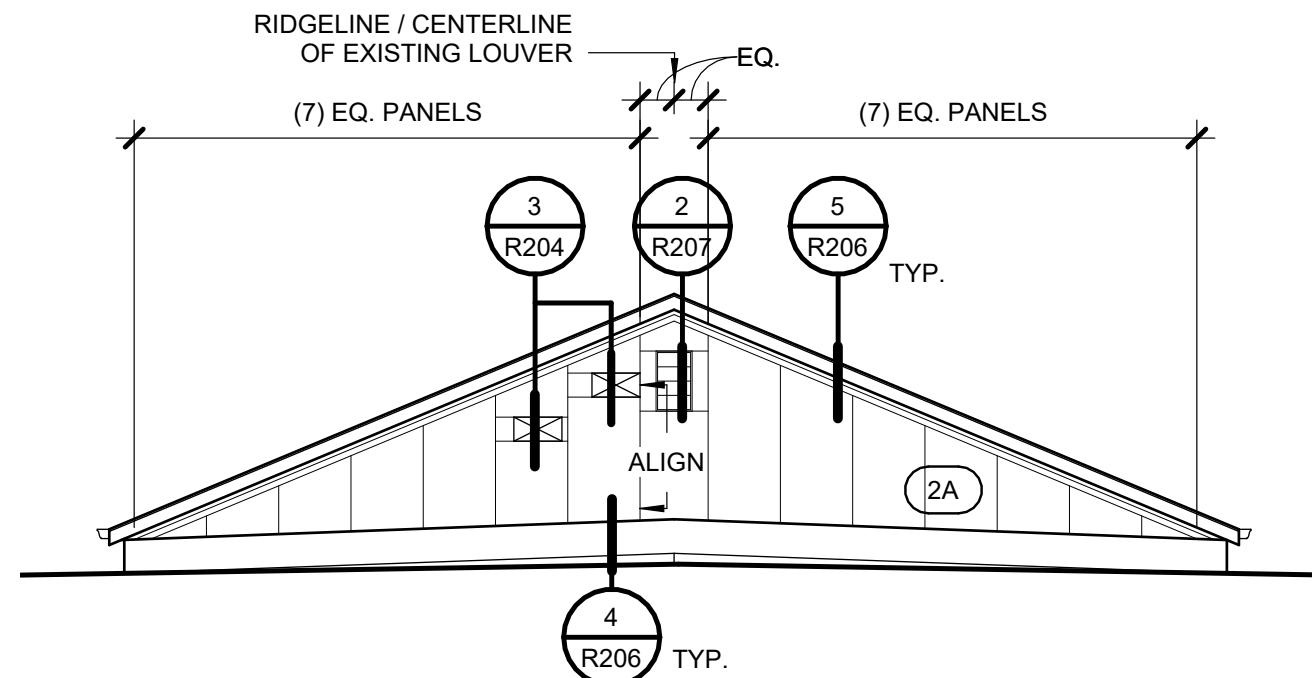
6 EXTERIOR ELEVATION - B WING - EAST (RECLAD)
R112 1/8" = 1'-0"



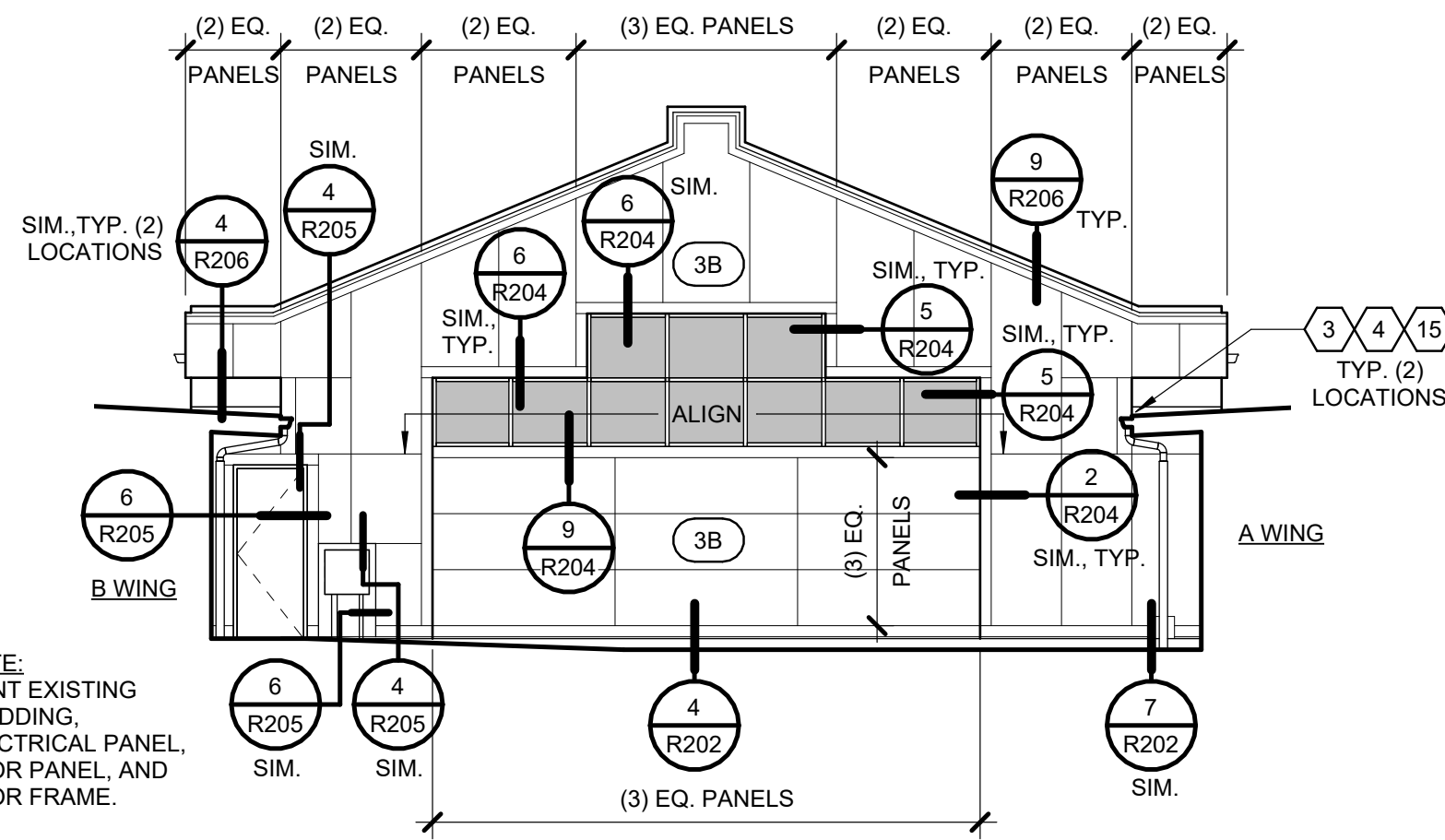
8 EXTERIOR ELEVATION - C WING - WEST (RECLAD)
R112 1/8" = 1'-0"



10 EXTERIOR ELEVATION - C WING - EAST (RECLAD)
R112 1/8" = 1'-0"

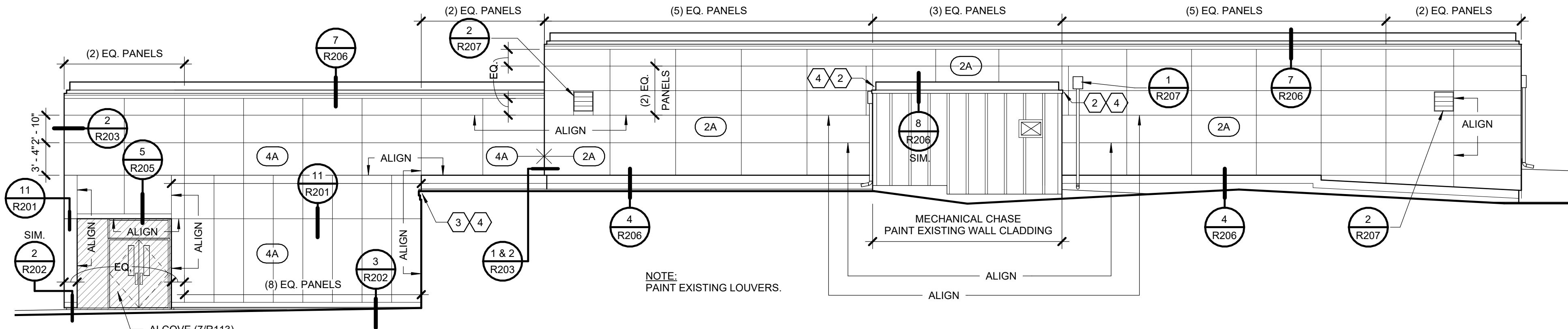


1 EXTERIOR ELEVATION - MEDIA CENTER - SOUTH (RECLAD)
R112 1/8" = 1'-0"

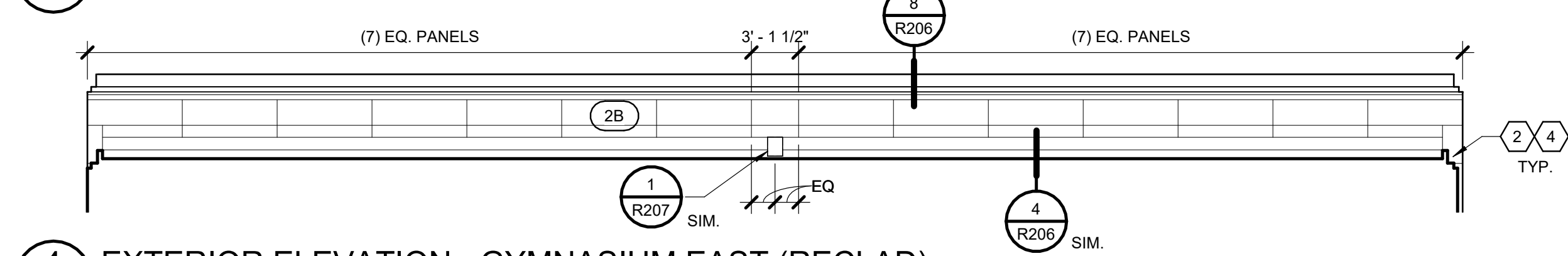


4 EXTERIOR ELEVATION - MEDIA CENTER - NORTH (RECLAD)
R112 1/8" = 1'-0"

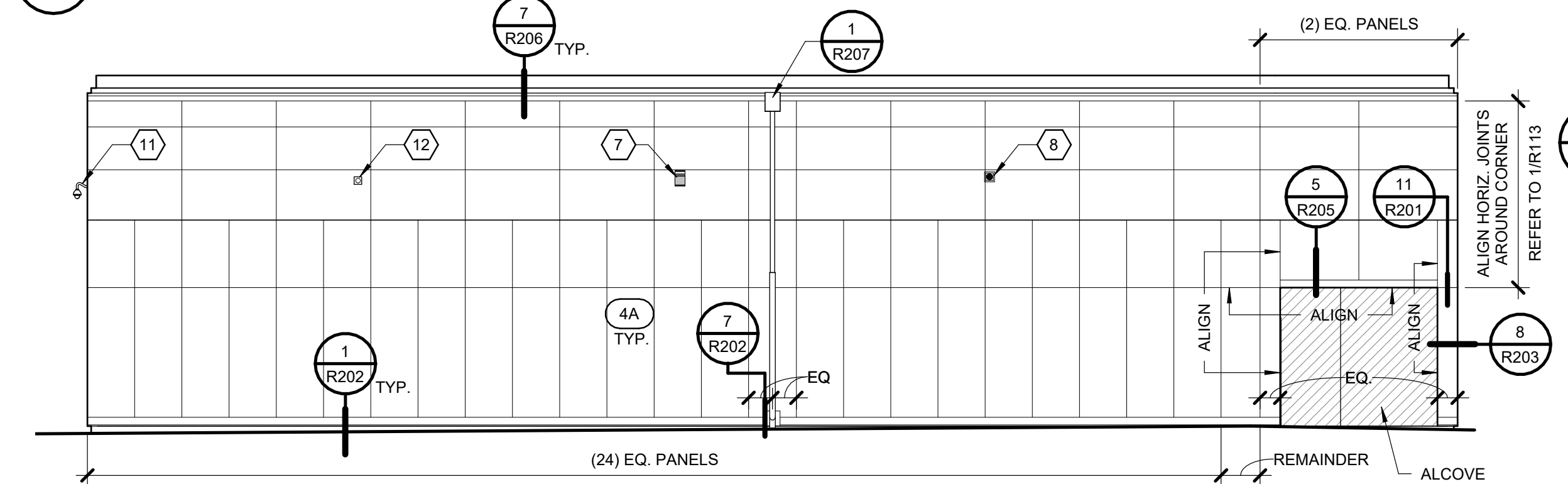
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1 EXTERIOR ELEVATION - GYMNASIUM & MULTIPURPOSE NORTH (RECLAD)
R113 1/8" = 1'-0"



4 EXTERIOR ELEVATION - GYMNASIUM EAST (RECLAD)
R113 1/8" = 1'-0"

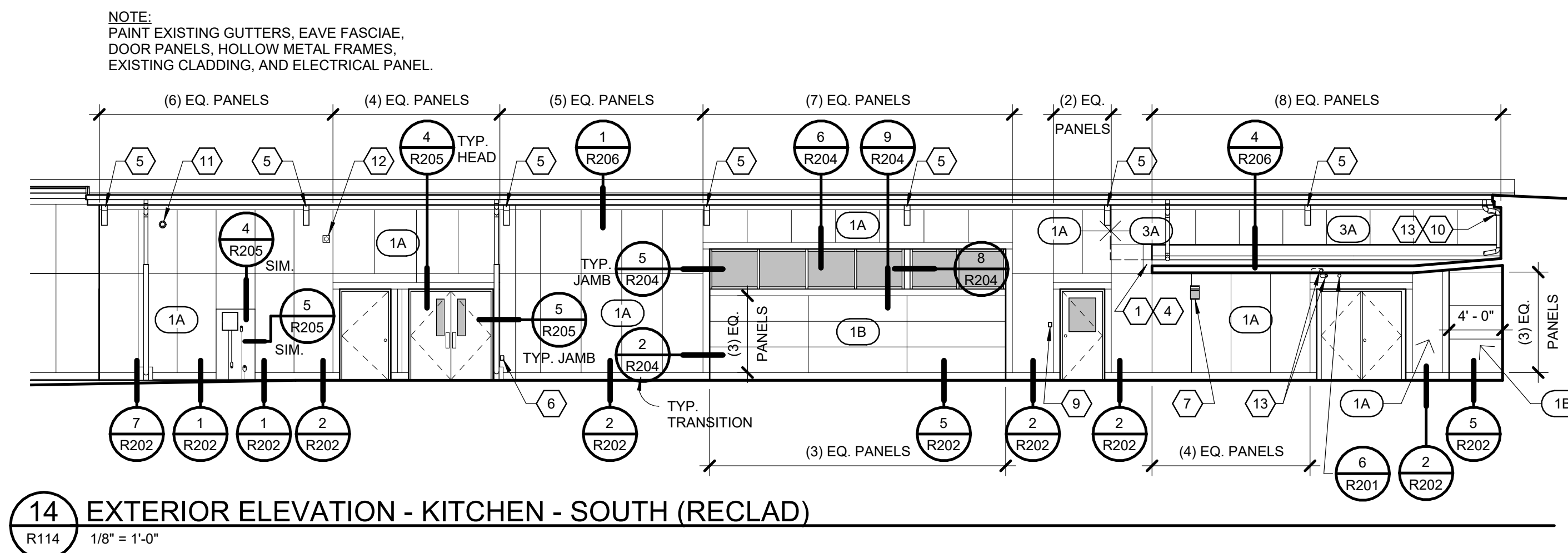
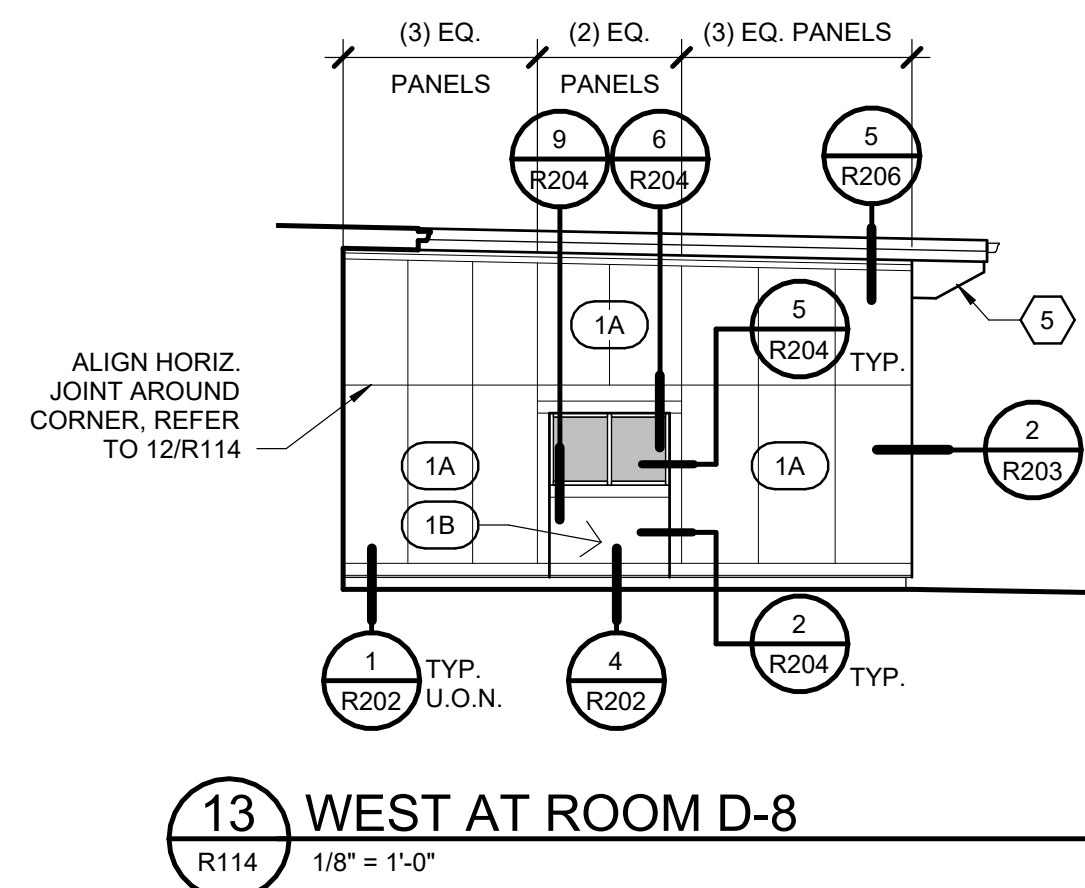
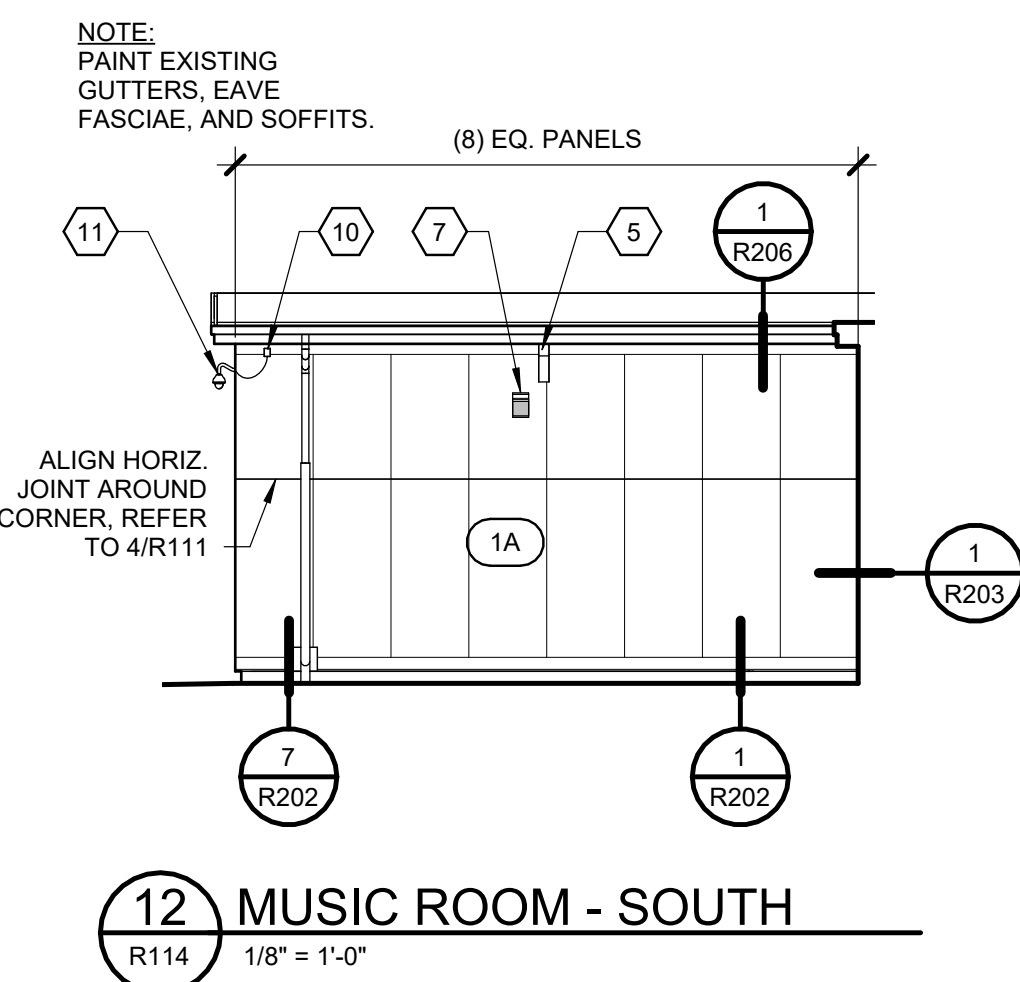
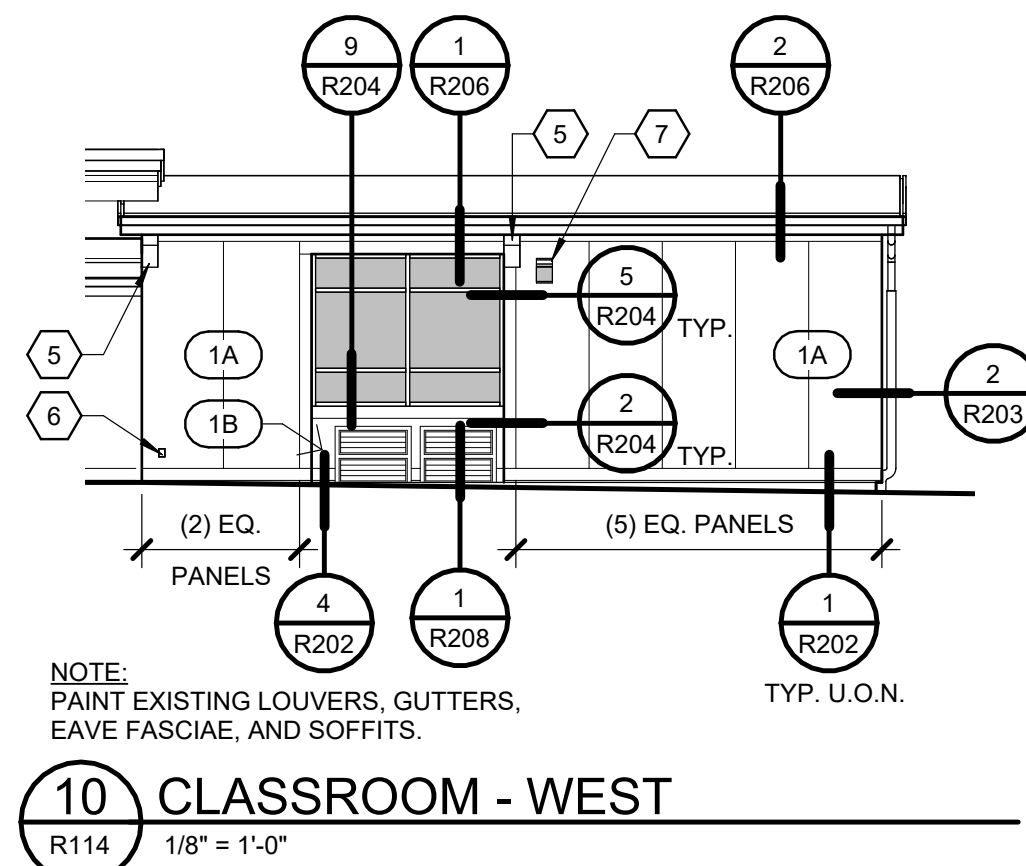
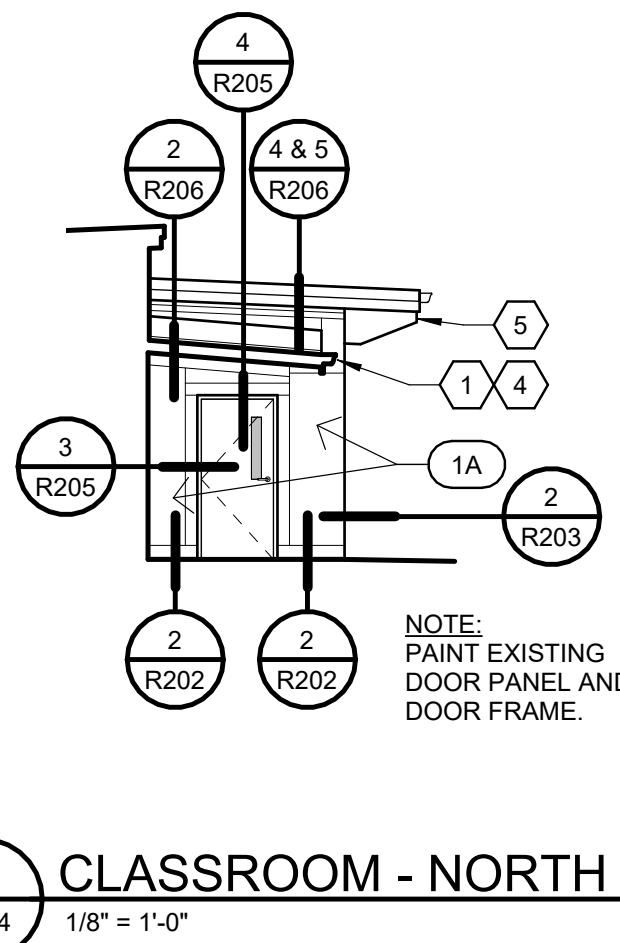
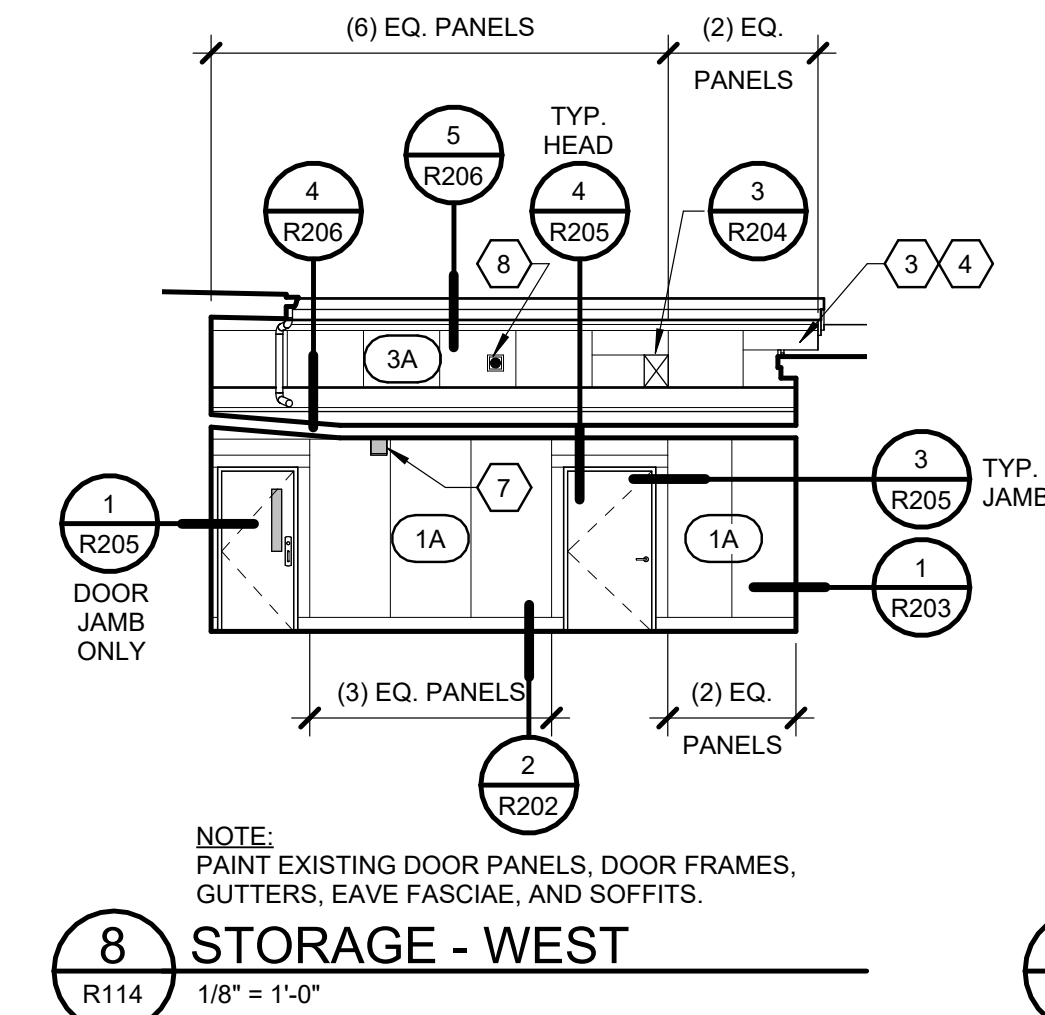
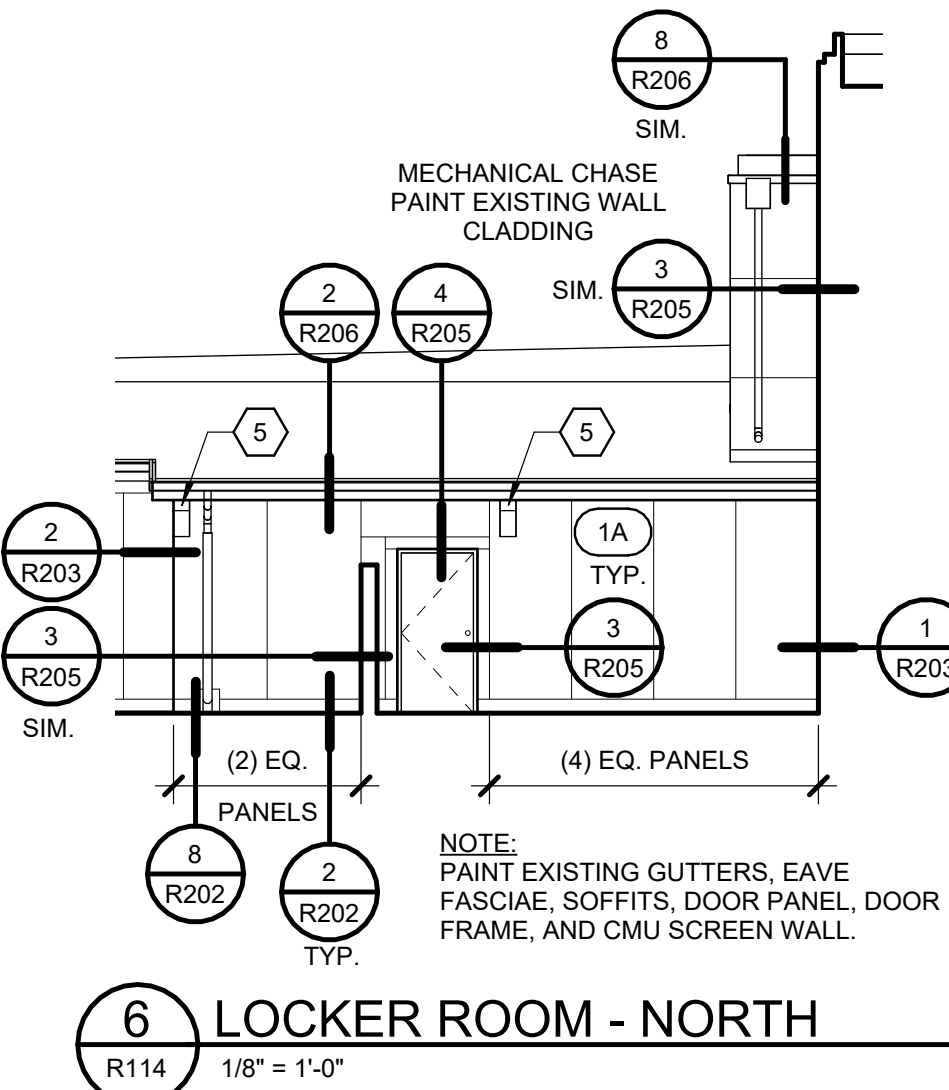
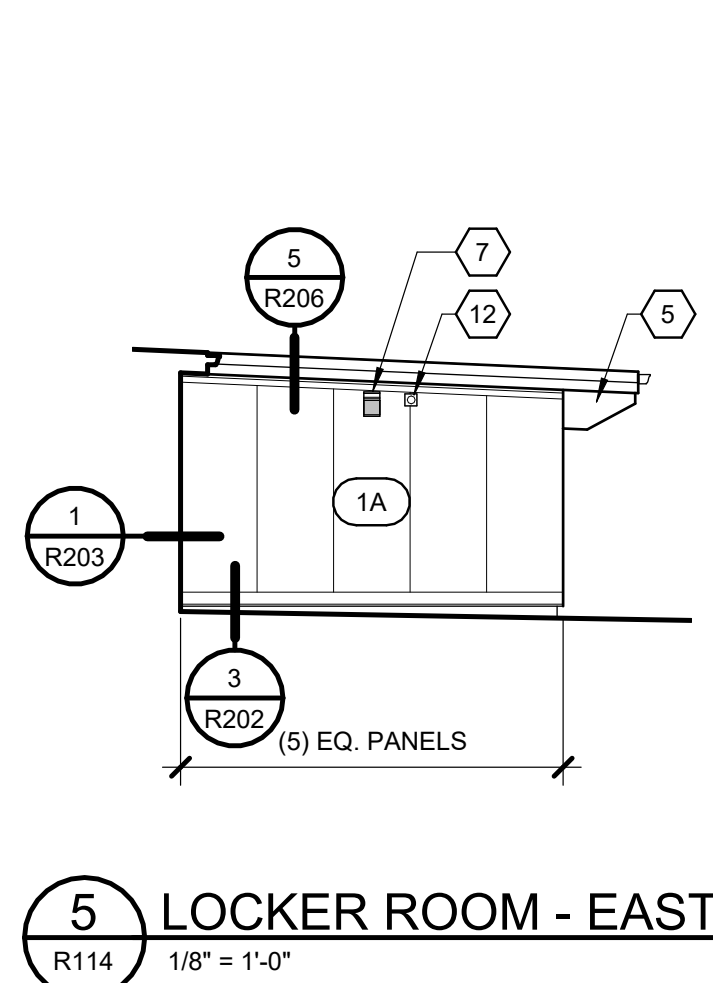
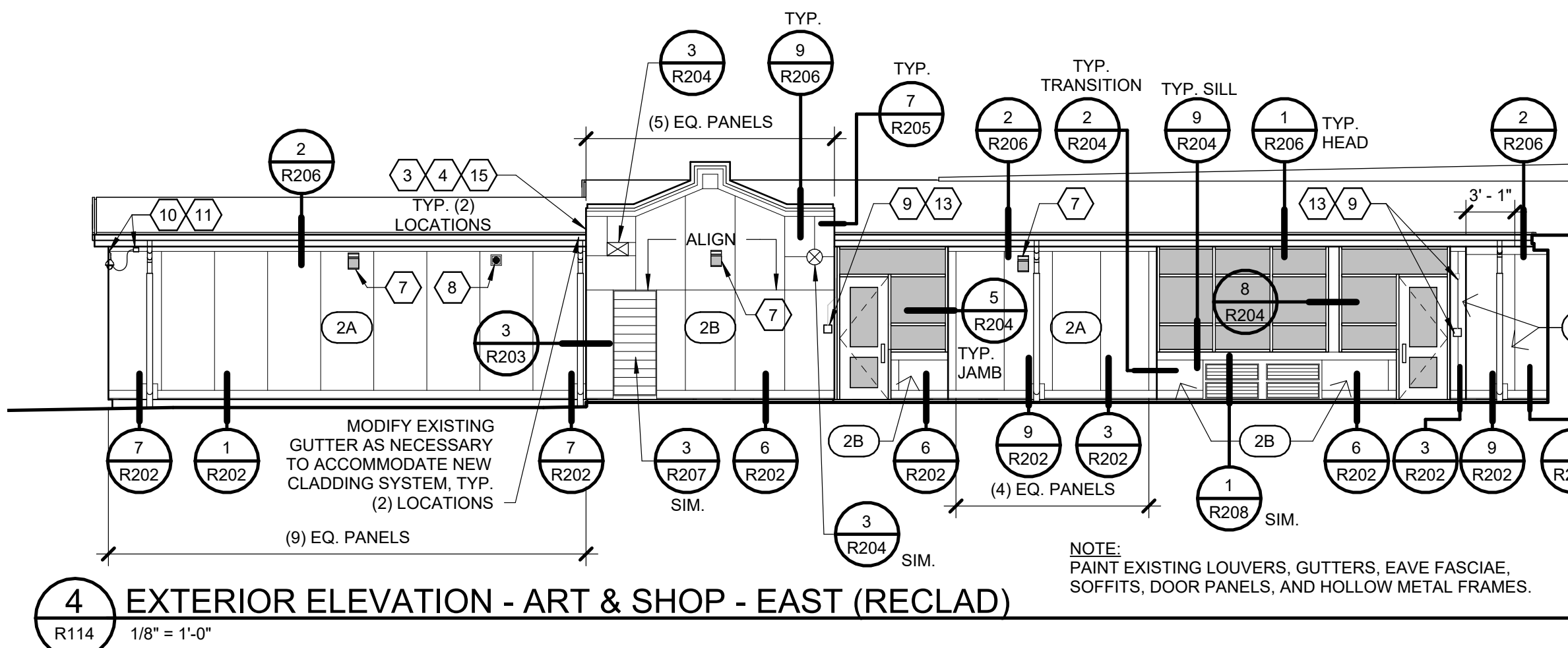
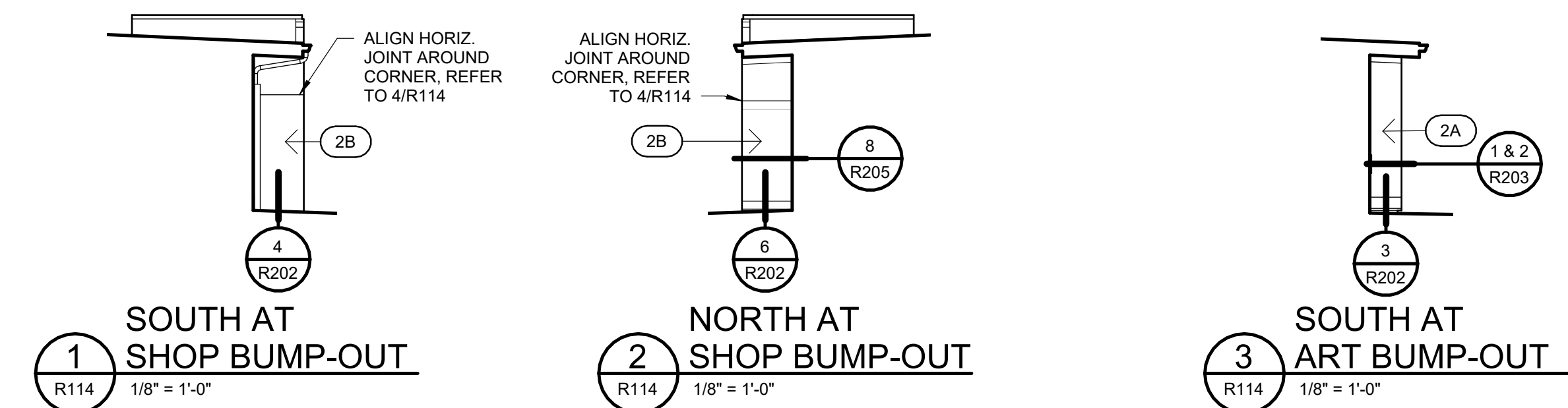


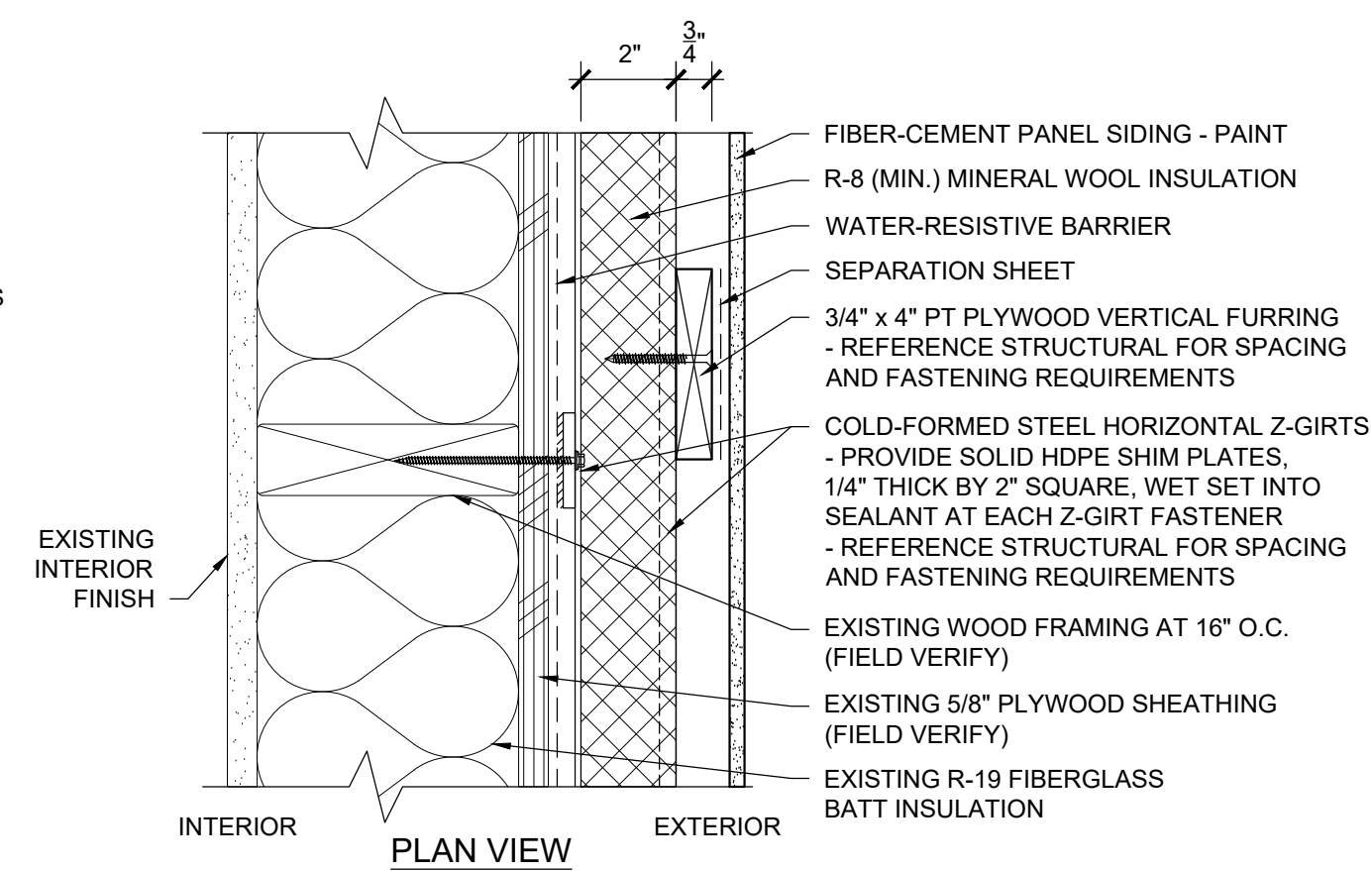
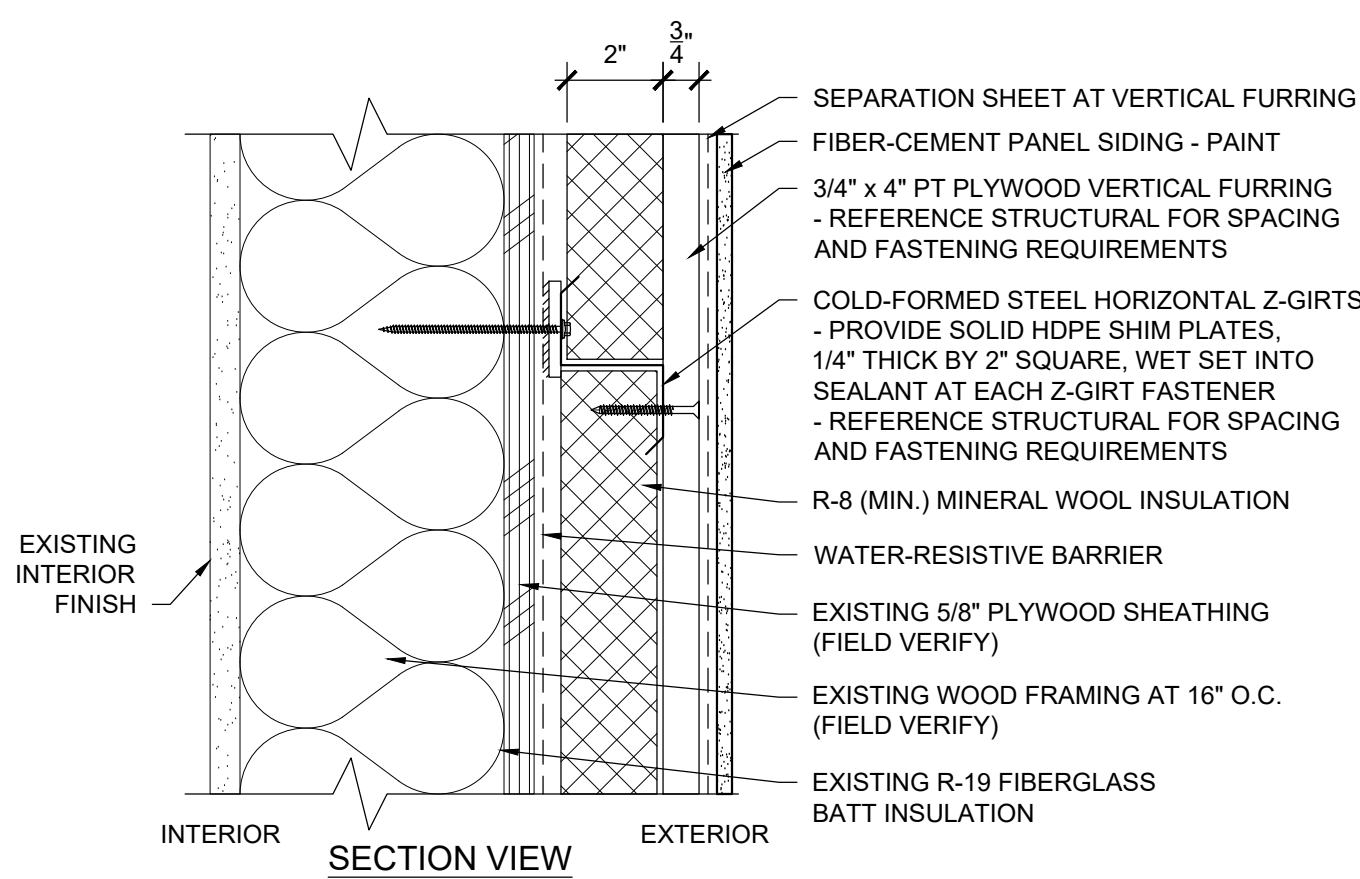
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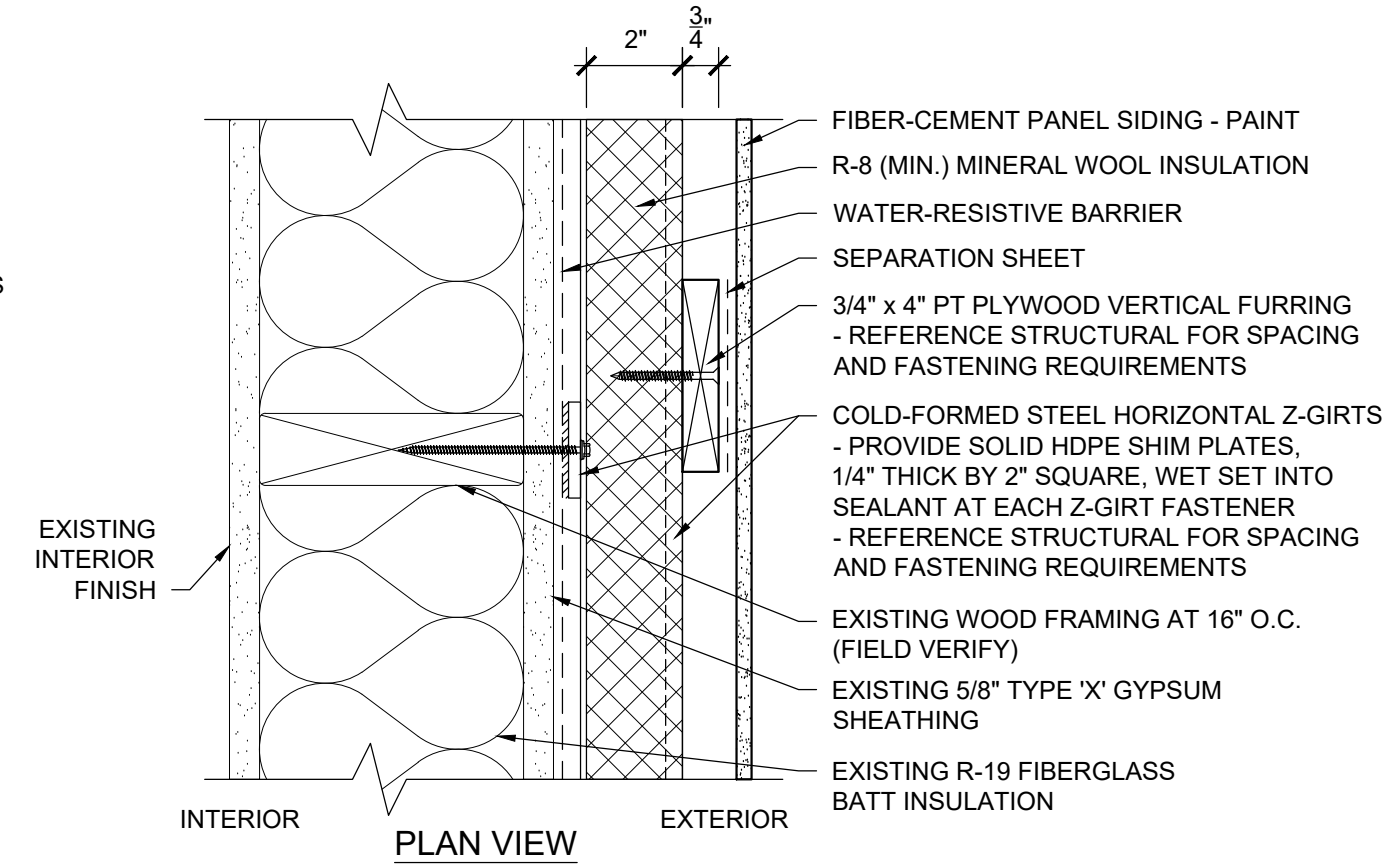
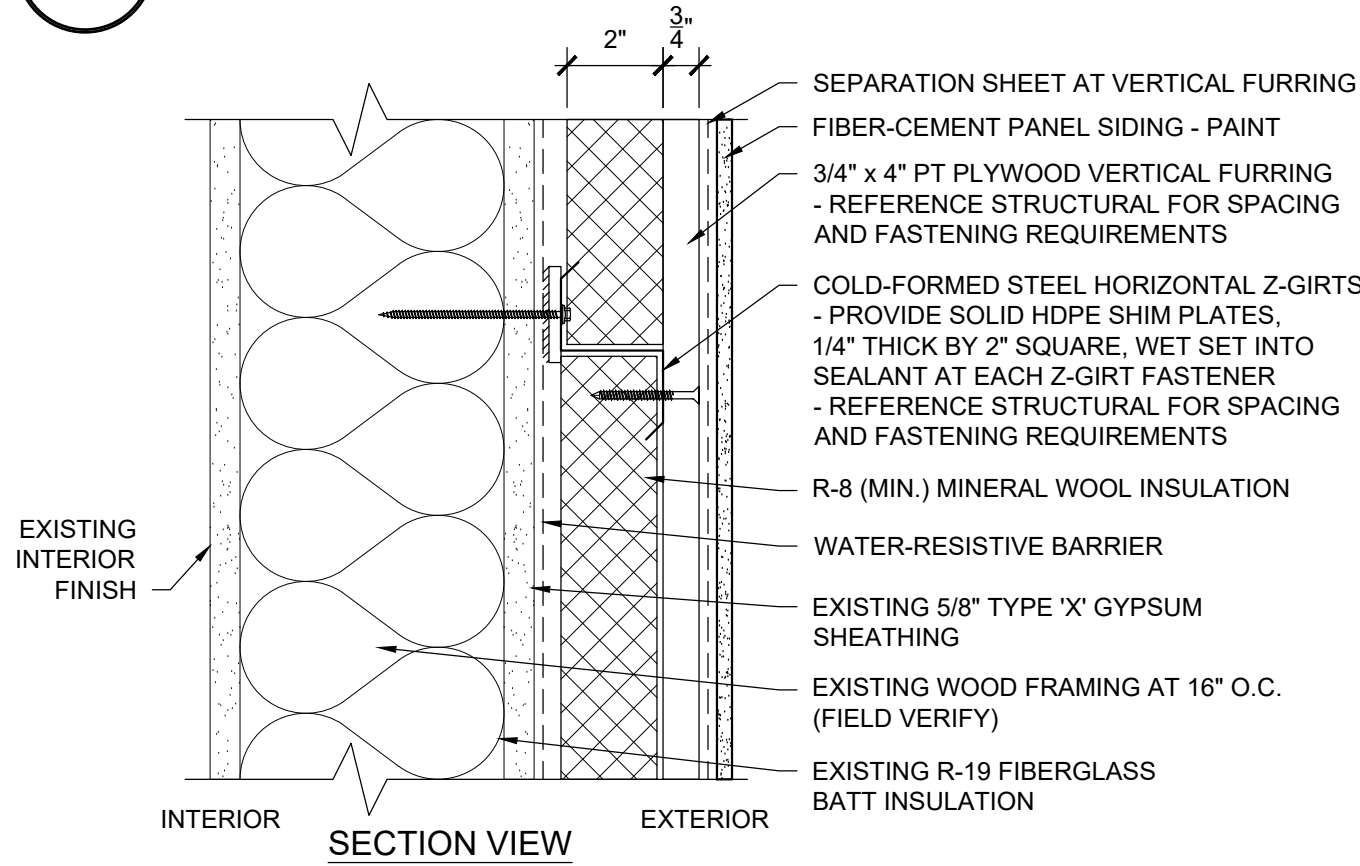
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- EXISTING ROOF INTERSECTION WITH EXTERIOR WALL.
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- PROVIDE STAINLESS STEEL KICK-OUT FLASHING / WATER DIVERTER - FULLY BED FLANGES IN BUTYL SEALANT OVER EXISTING ROOF MEMBRANE AND SECURE THROUGH VERTICAL SURFACE OF PARAPET WALL WITH RUBBER WASHERED FASTENERS - DO NOT PENETRATE MEMBRANE ON PLANE OF ROOF.

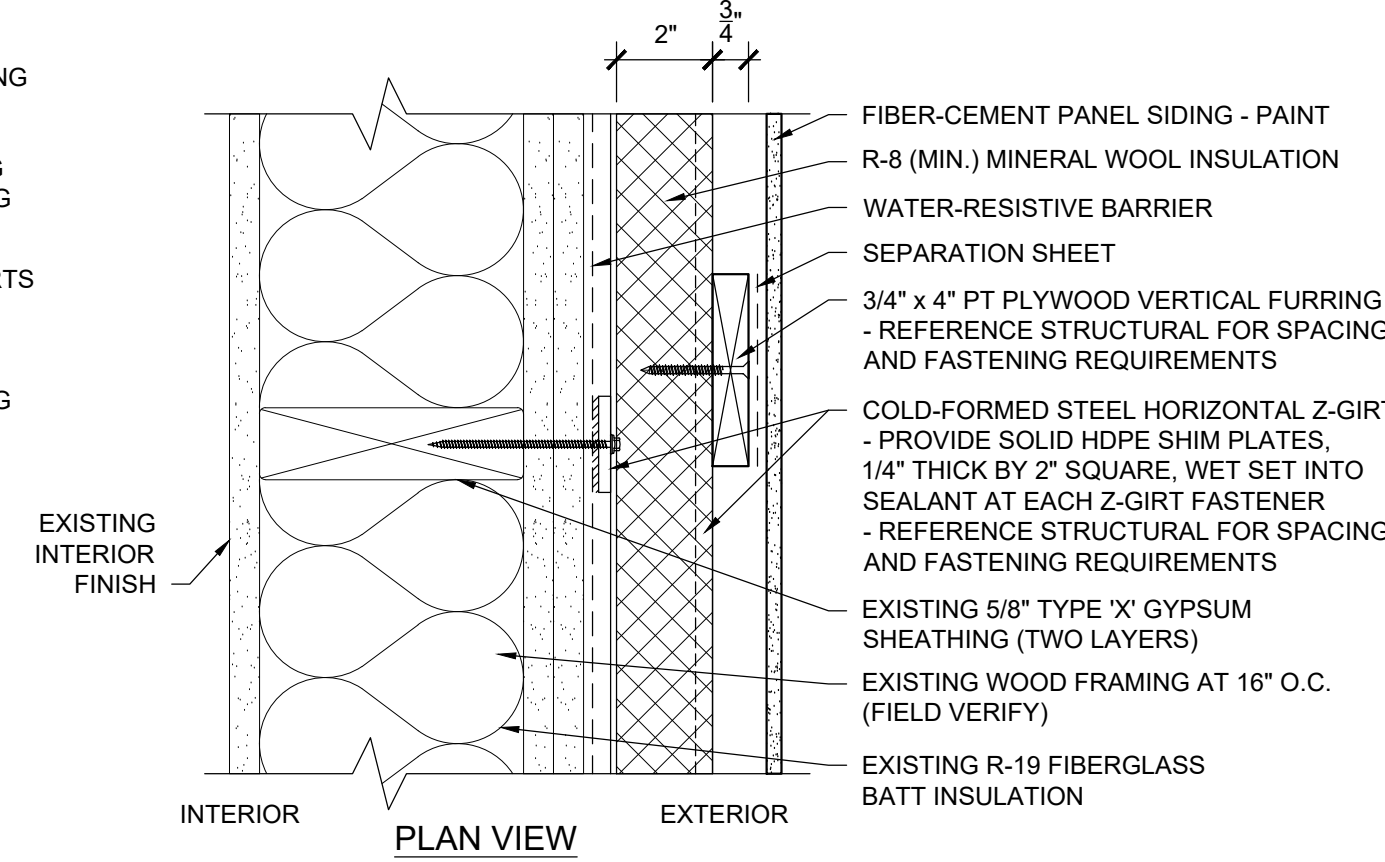
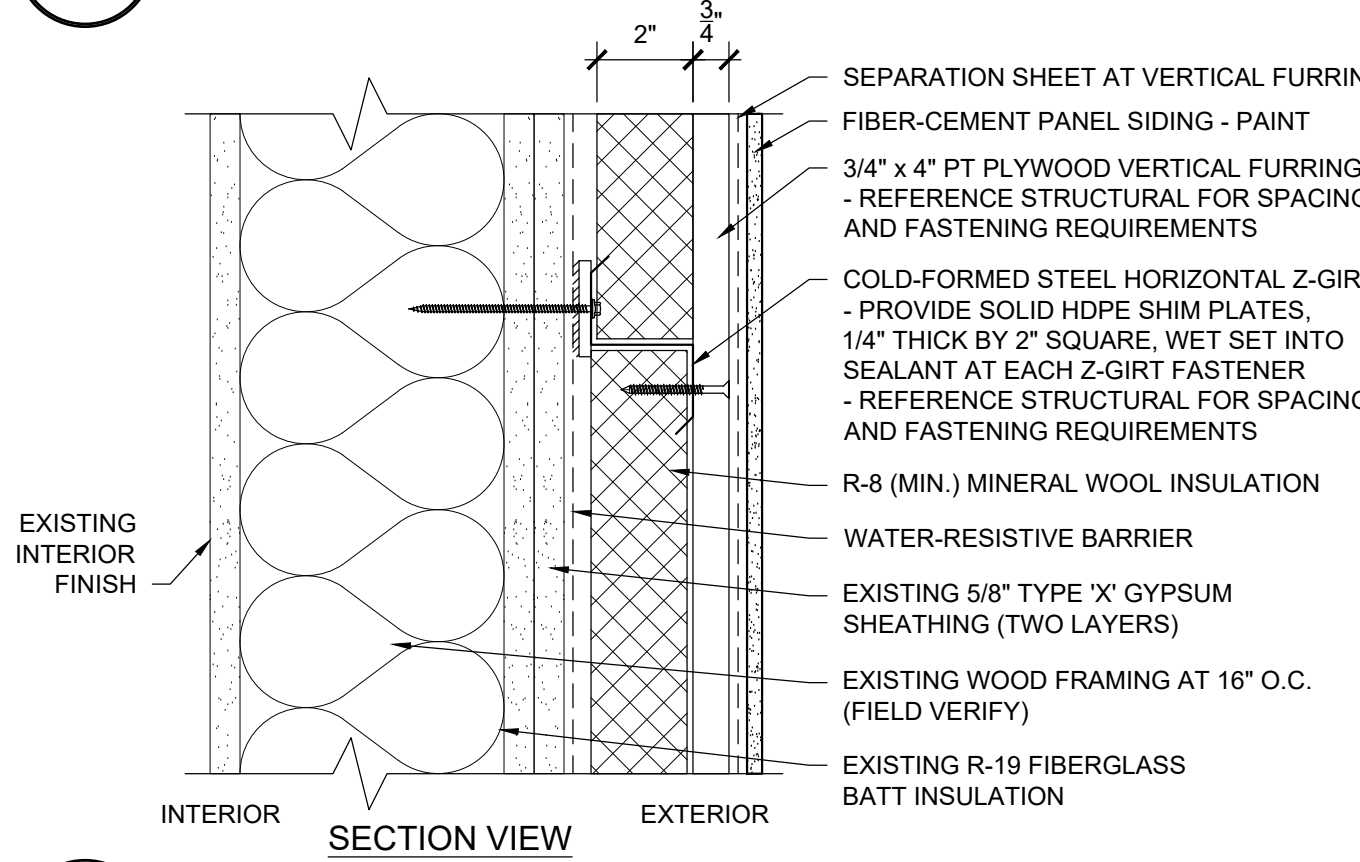




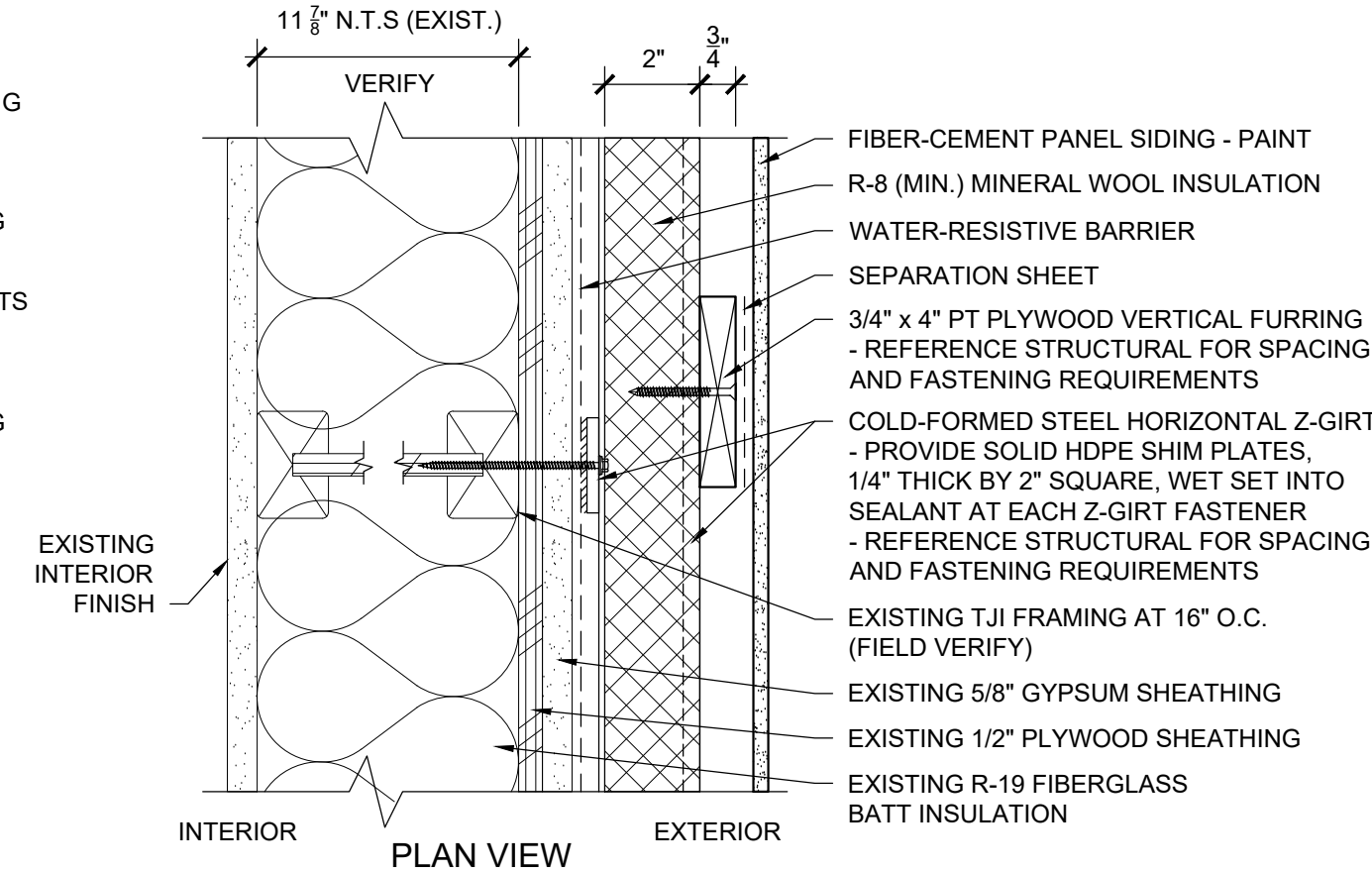
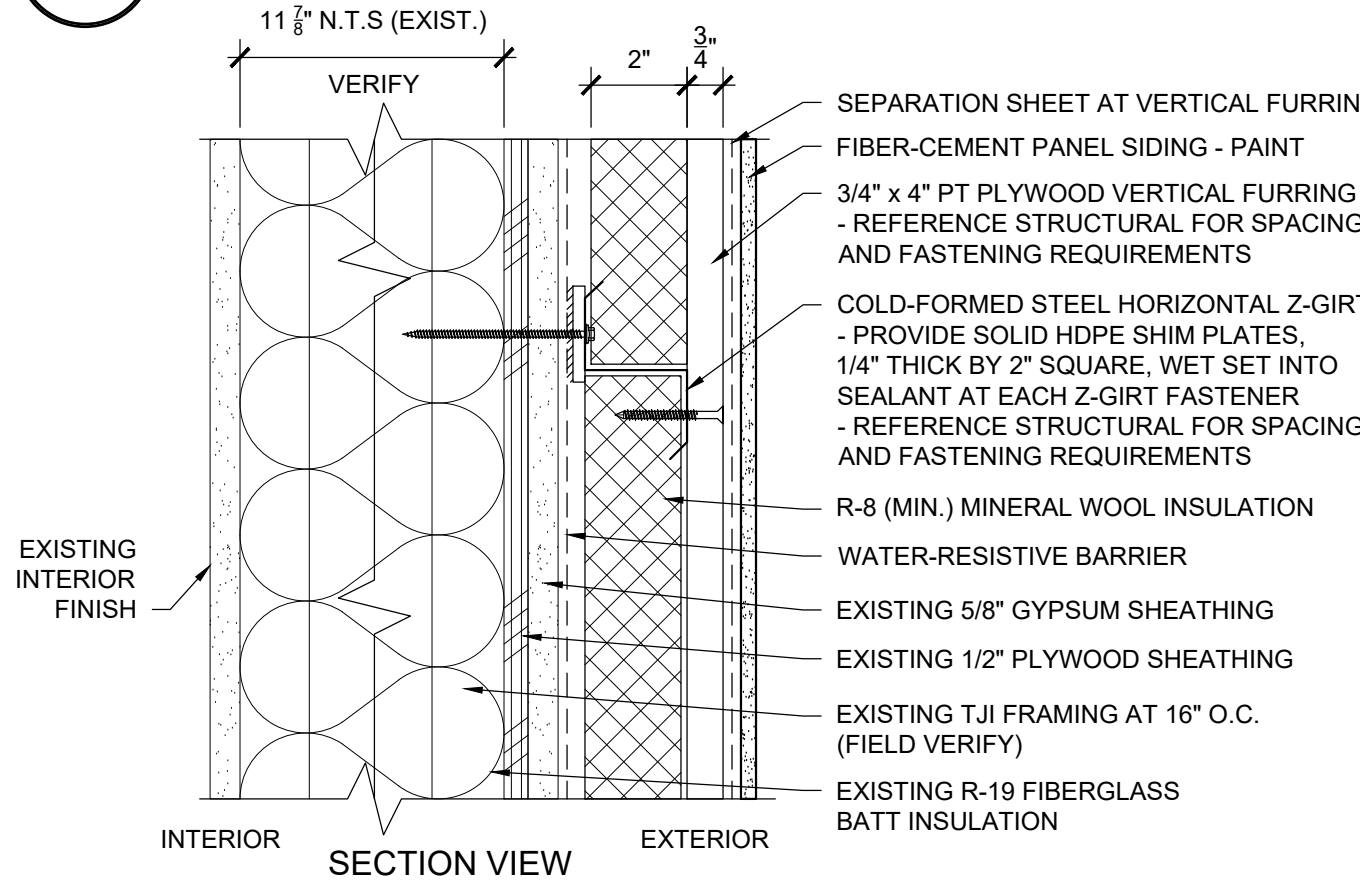
1A WALL ASSEMBLY 1A - PLYWOOD SHEATHING - INSULATED
R200 SCALE: 3" = 1'-0"



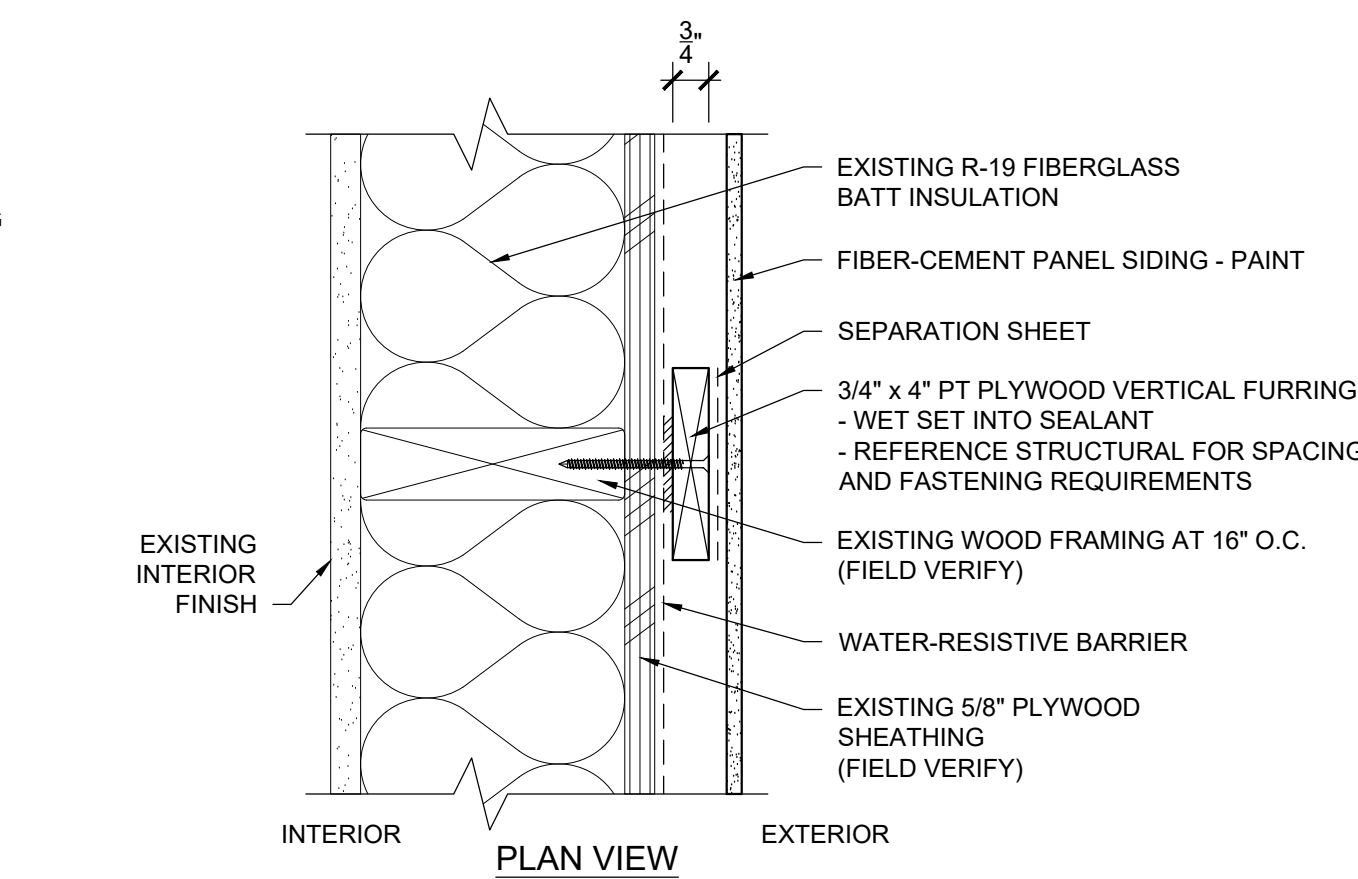
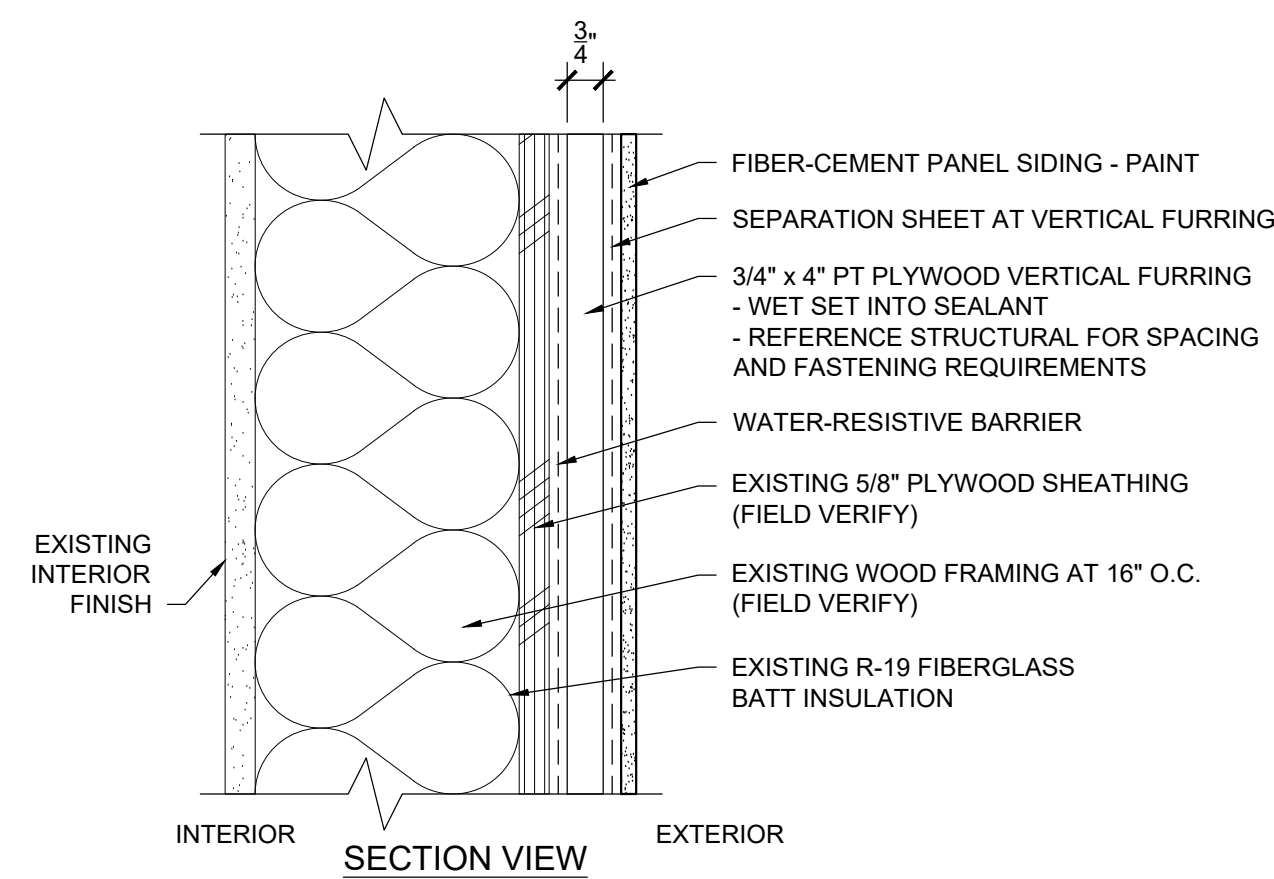
2A WALL ASSEMBLY 2A - GYPSUM SHEATHING - INSULATED
R200 SCALE: 3" = 1'-0"



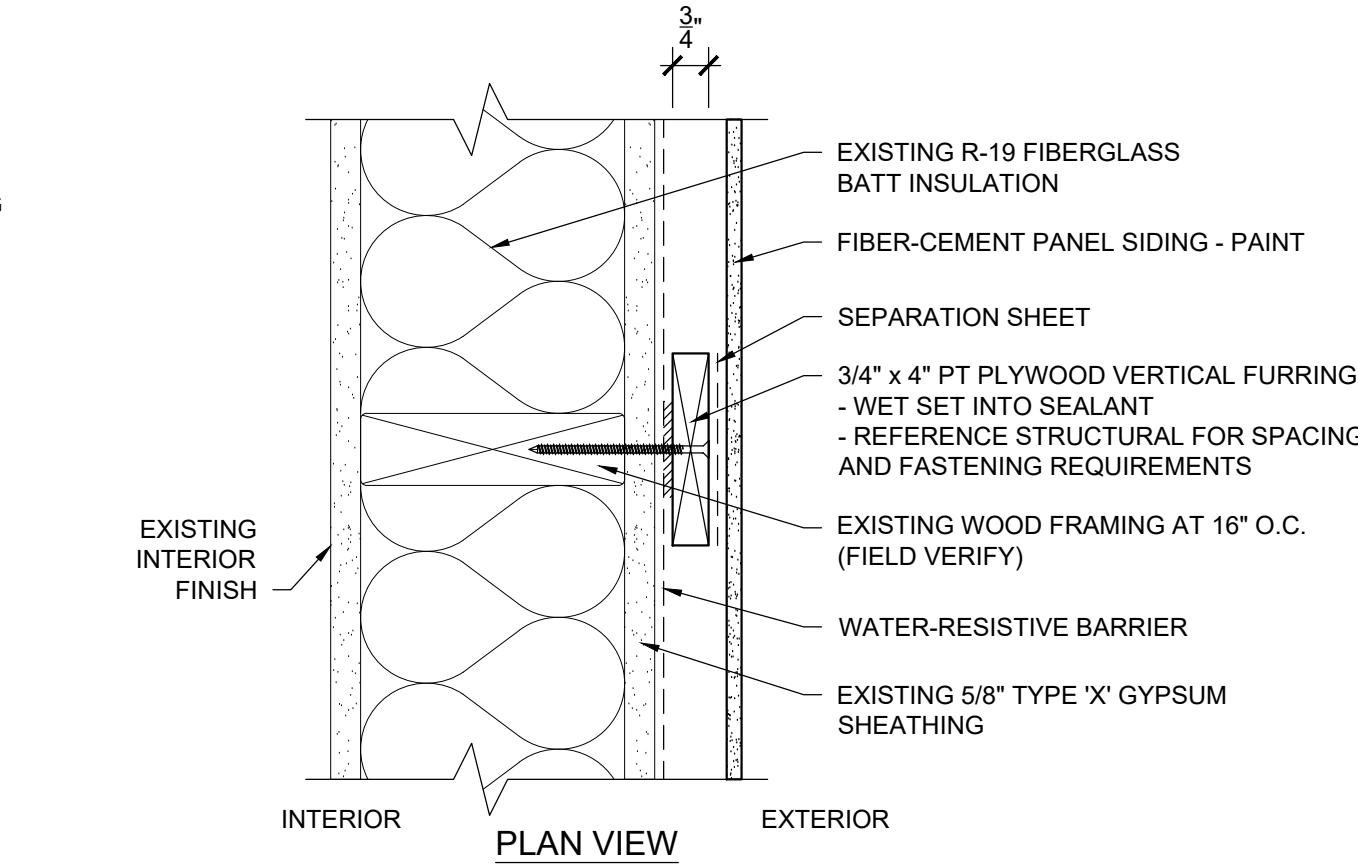
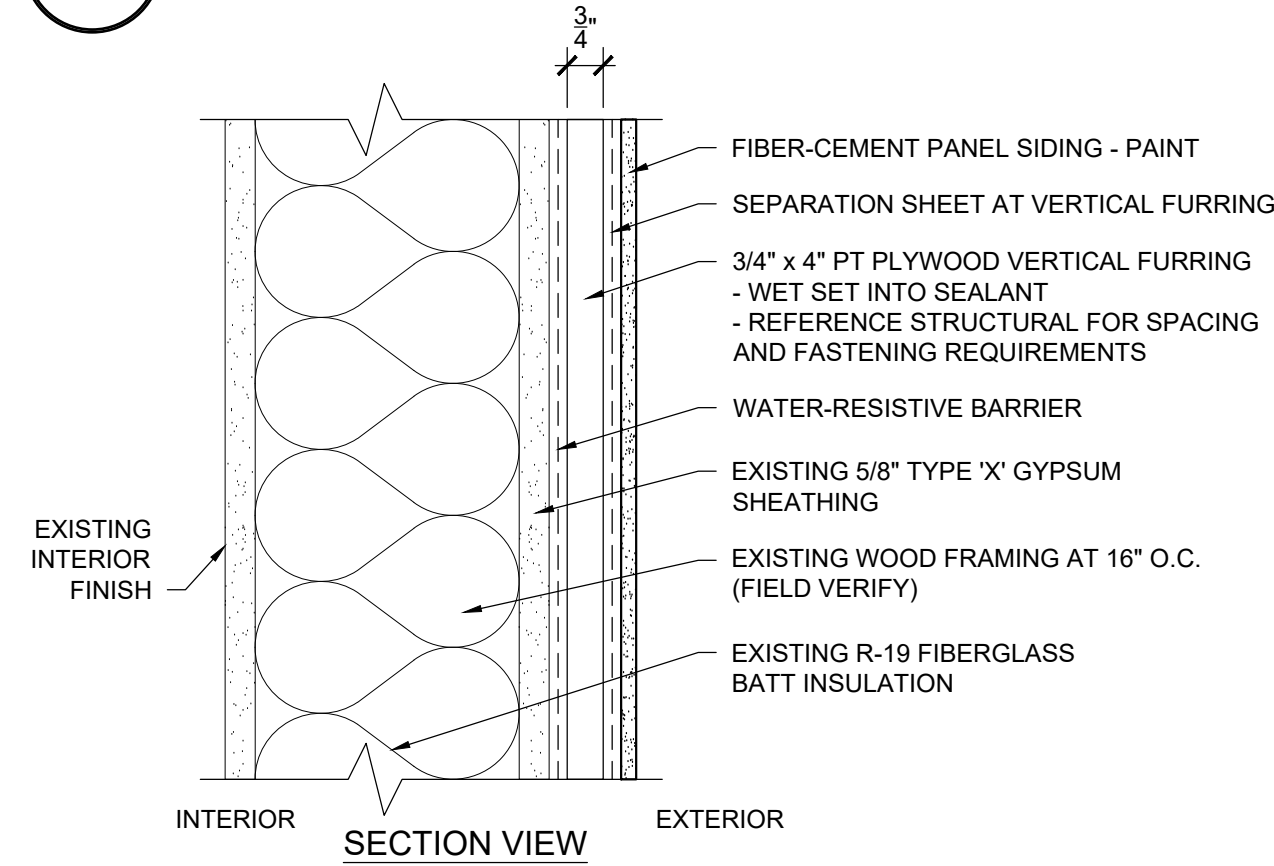
3A WALL ASSEMBLY 3A - (2) LAYERS OF GYPSUM SHEATHING - INSULATED
R200



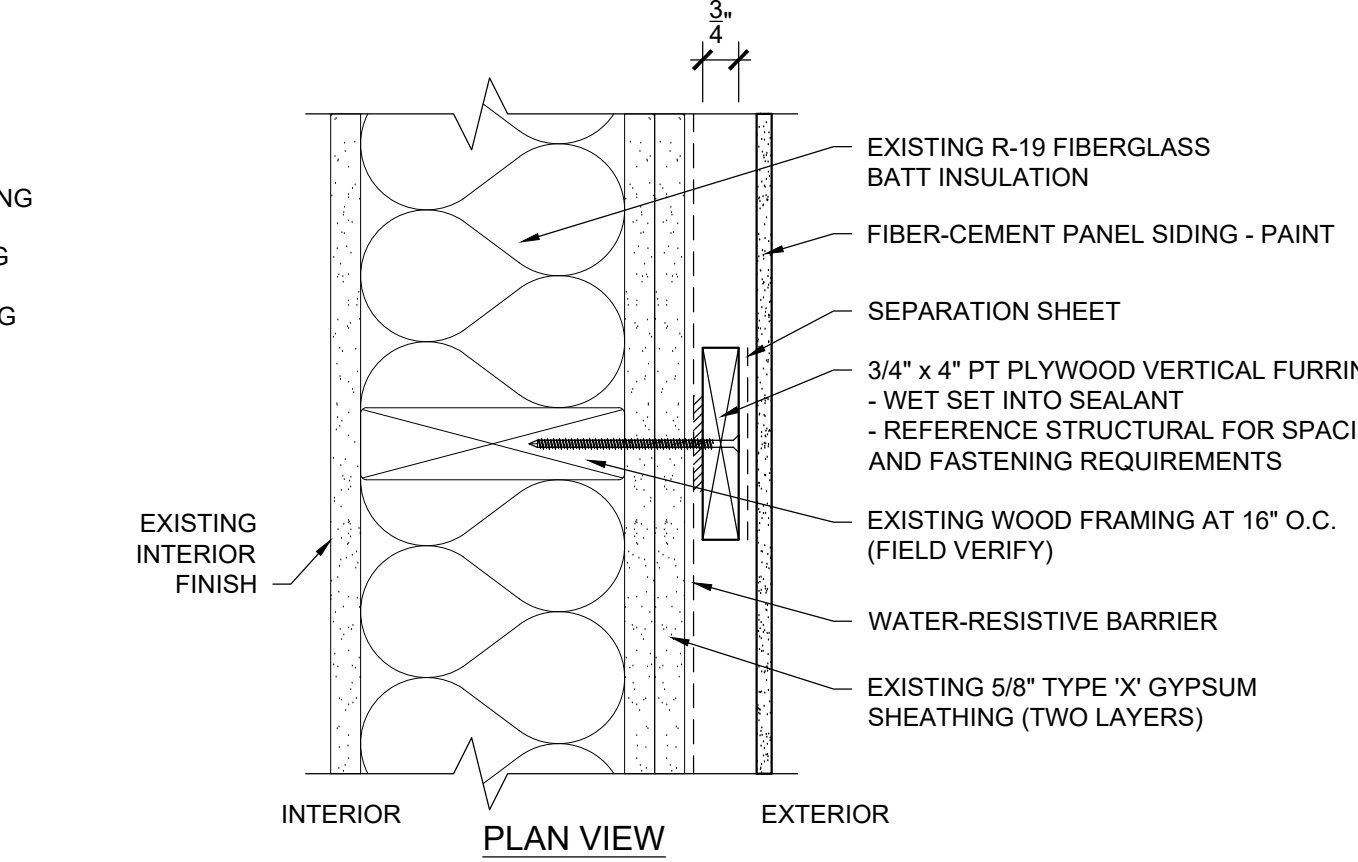
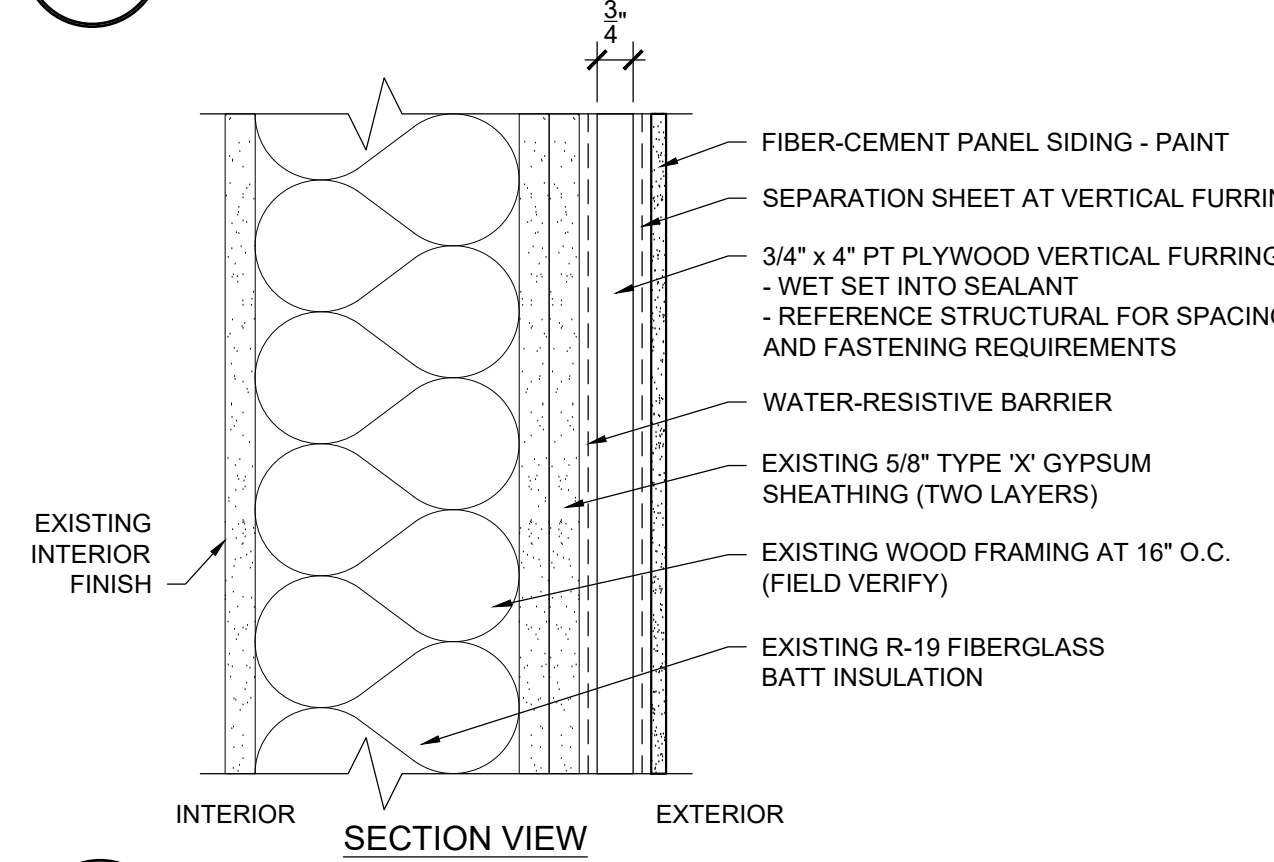
4A WALL ASSEMBLY 4A - GYPSUM SHEATHING OVER PLYWOOD SHEATHING - INSULATED
R200 SCALE: 3" = 1'-0"



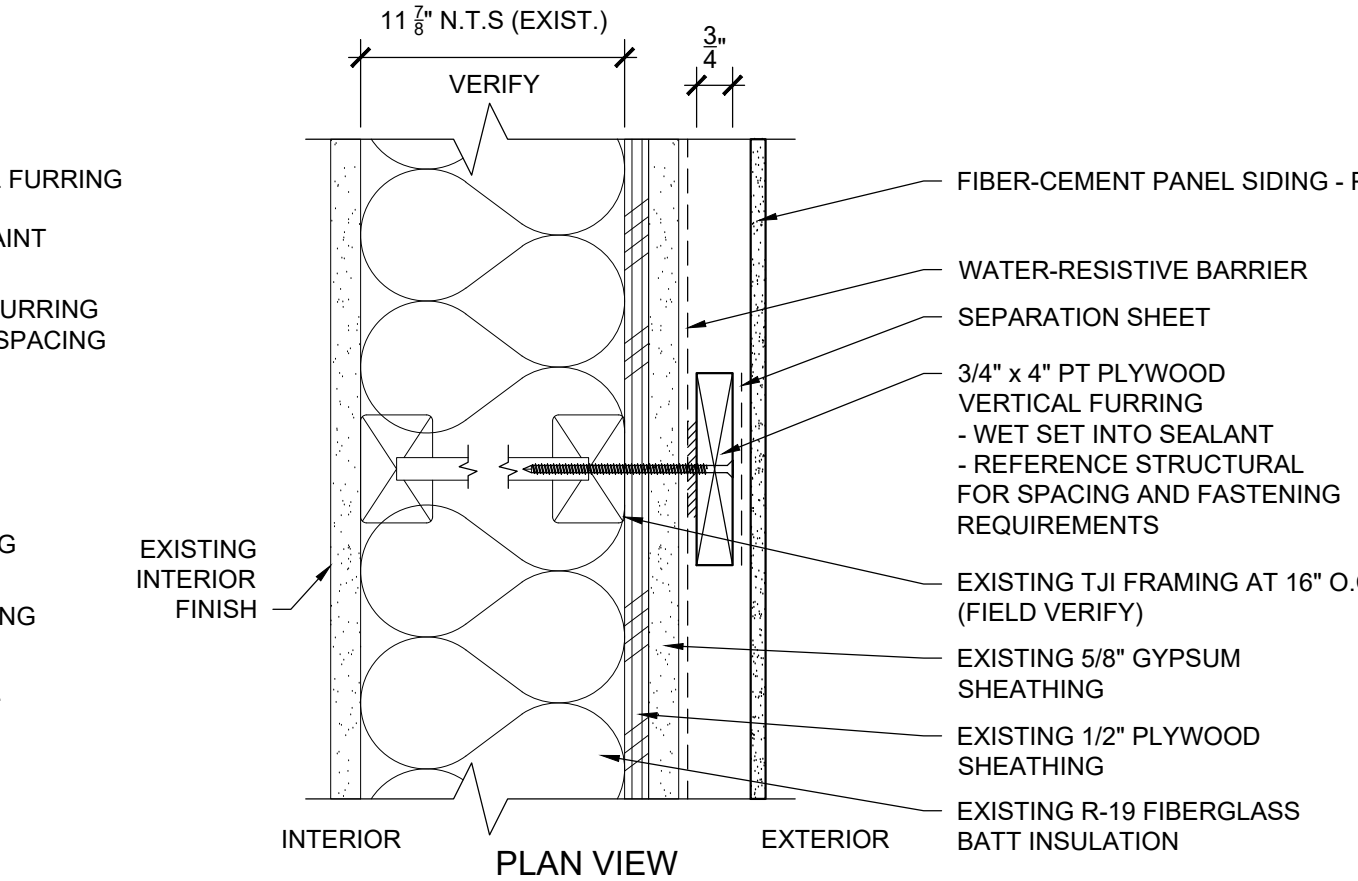
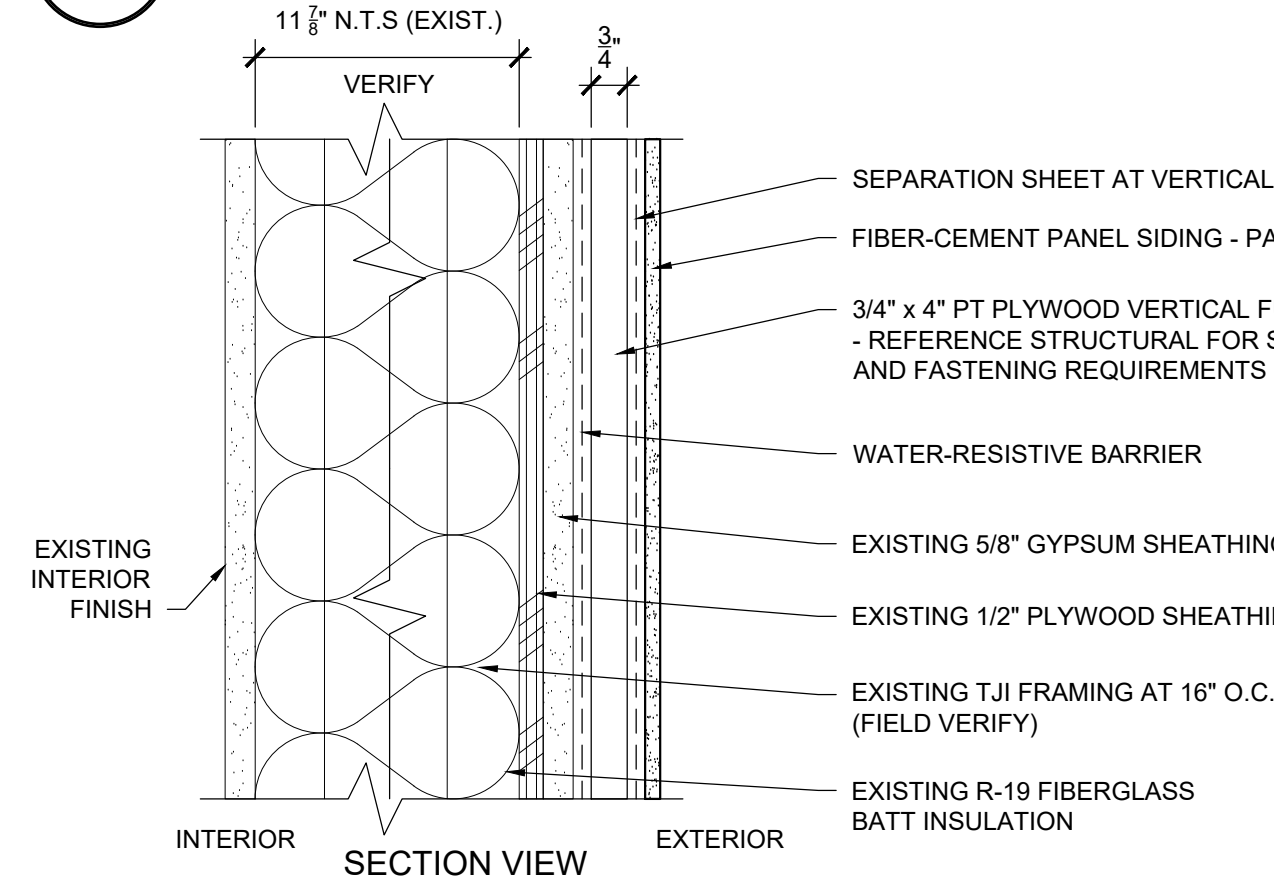
1B WALL ASSEMBLY 1B - PLYWOOD SHEATHING - UNINSULATED
R200 SCALE: 3" = 1'-0"



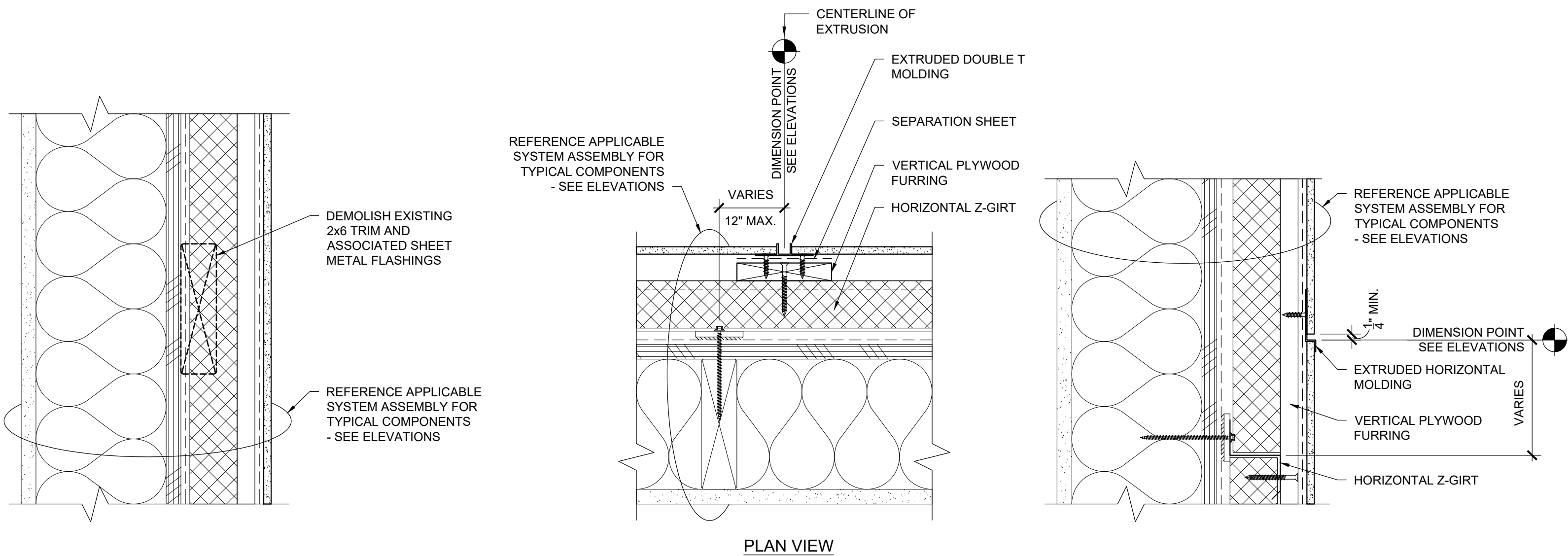
2B WALL ASSEMBLY 2B - GYPSUM SHEATHING - UNINSULATED
R200 SCALE: 3" = 1'-0"



3B WALL ASSEMBLY 3B - (2) LAYERS OF GYPSUM SHEATHING - UNINSULATED
R200 SCALE: 3" = 1'-0"



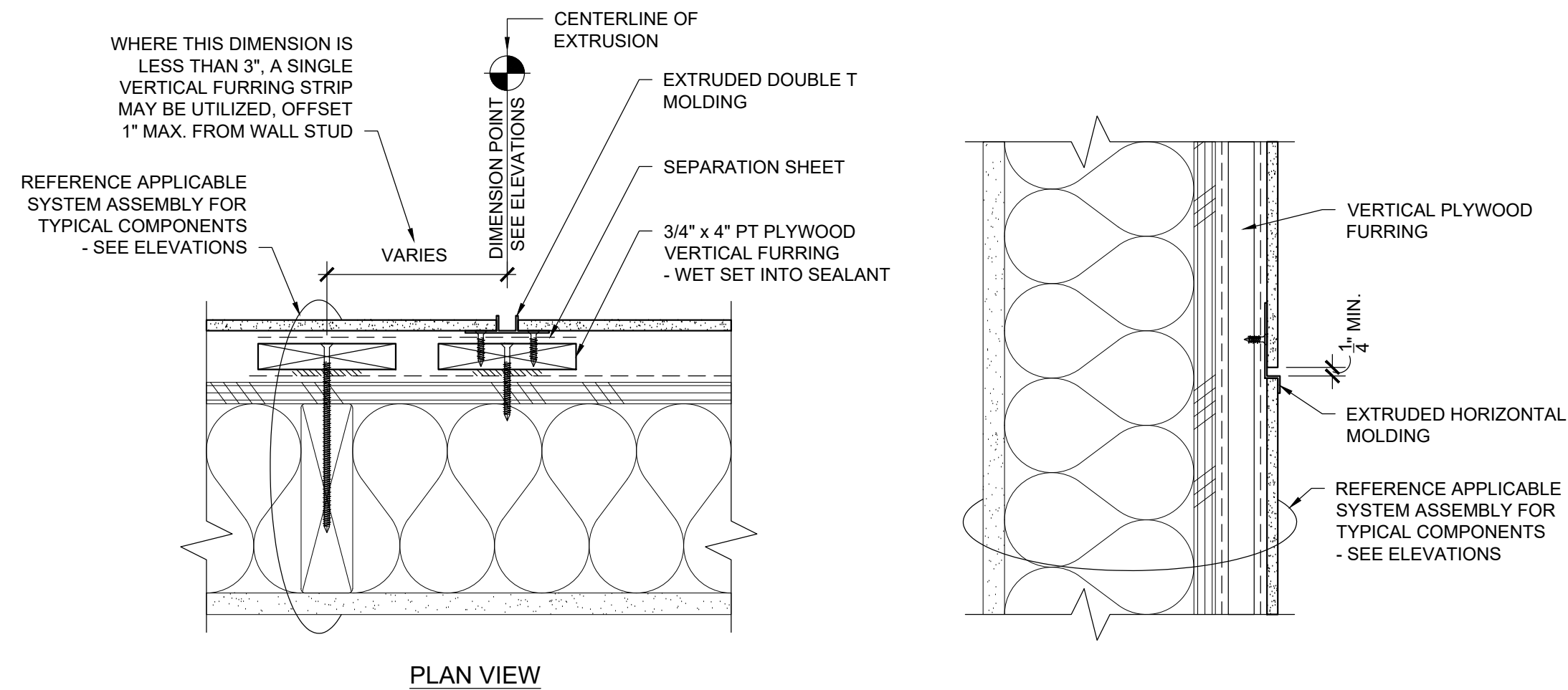
4B WALL ASSEMBLY 4B - GYPSUM SHEATHING OVER PLYWOOD SHEATHING - UNINSULATED
R200 SCALE: 3" = 1'-0"



1
R201
DEMOLITION OF EXISTING
HORIZONTAL TRIM BAND
SCALE: 3" = 1'-0"

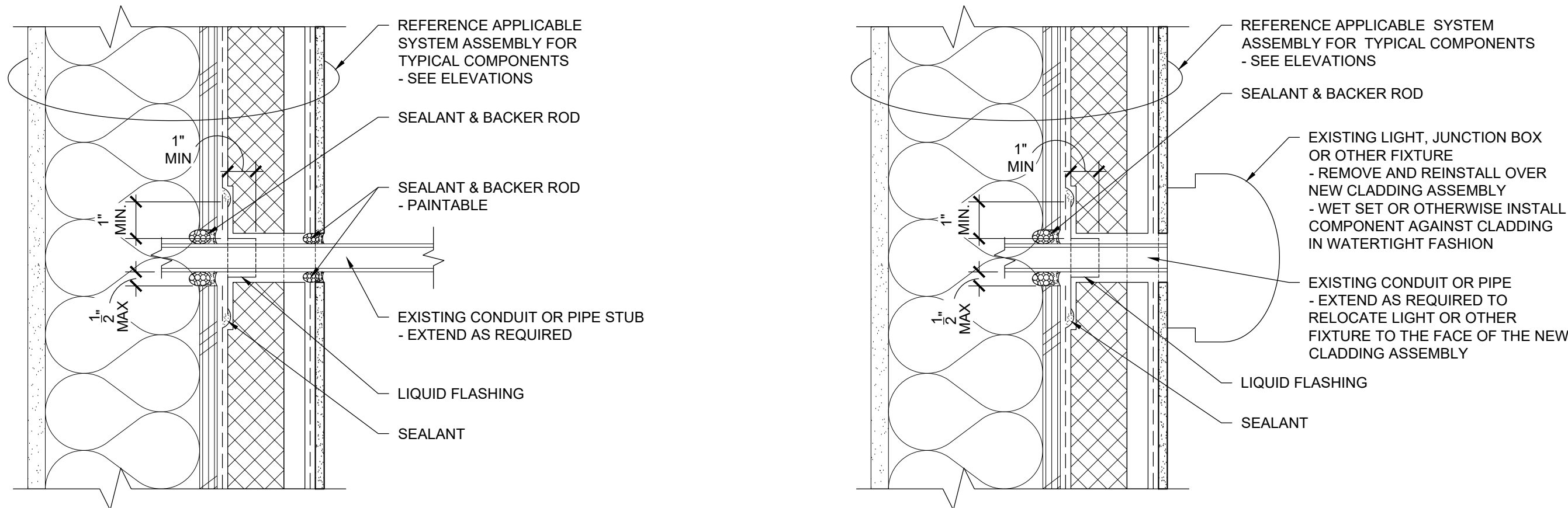
2
R201
VERTICAL JOINT
(WALL TYPES 1A, 2A, 3A, & 4A)
SCALE: 3" = 1'-0"

3
R201
HORIZONTAL JOINT
(WALL TYPES 1A, 2A, 3A, & 4A)
SCALE: 3" = 1'-0"



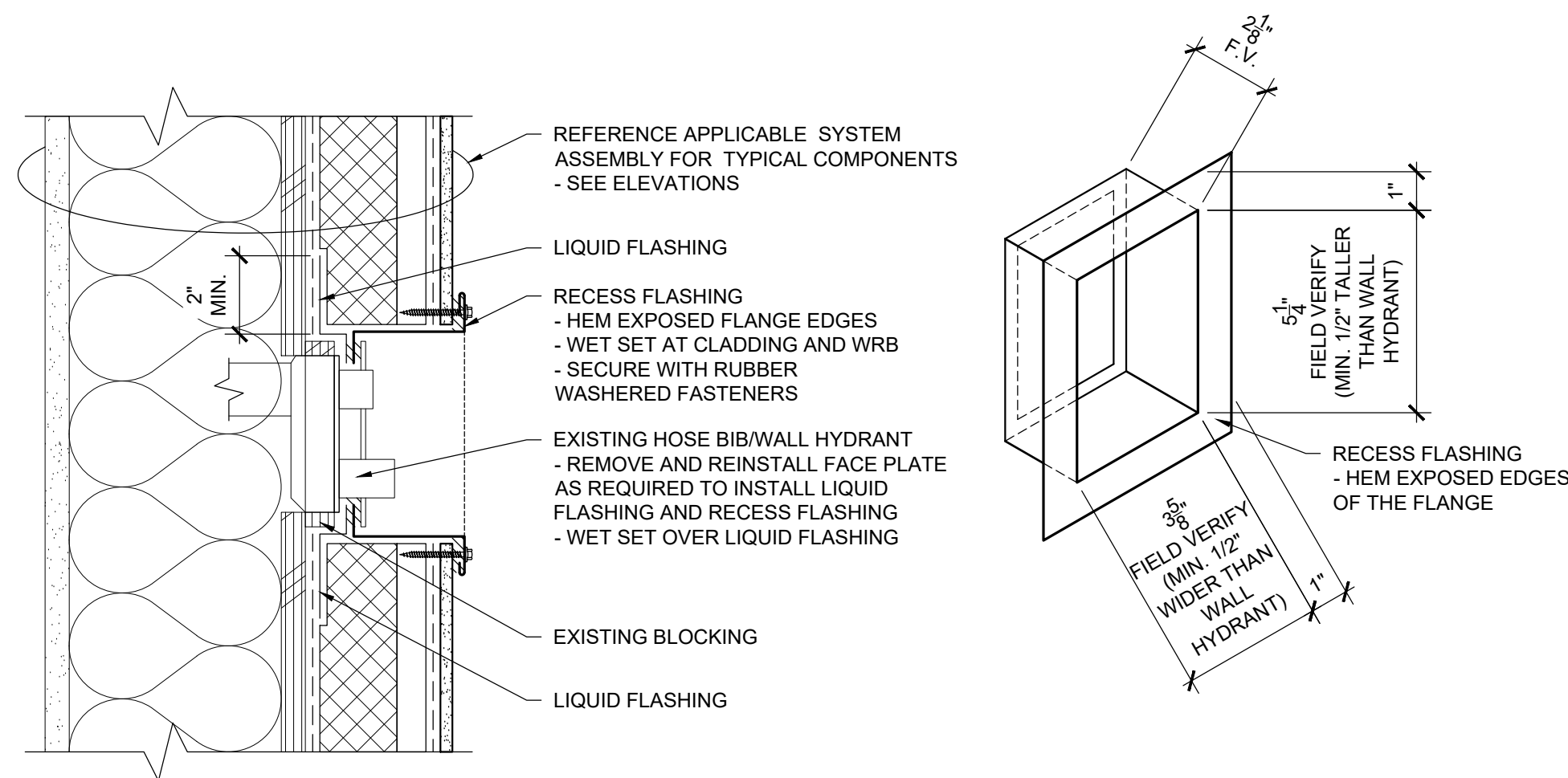
4
R201
VERTICAL JOINT
(WALL TYPES 1B, 2B, & 3B)
SCALE: 3" = 1'-0"

5
R201
HORIZONTAL JOINT
(WALL TYPES 1B, 2B, & 3B)
SCALE: 3" = 1'-0"

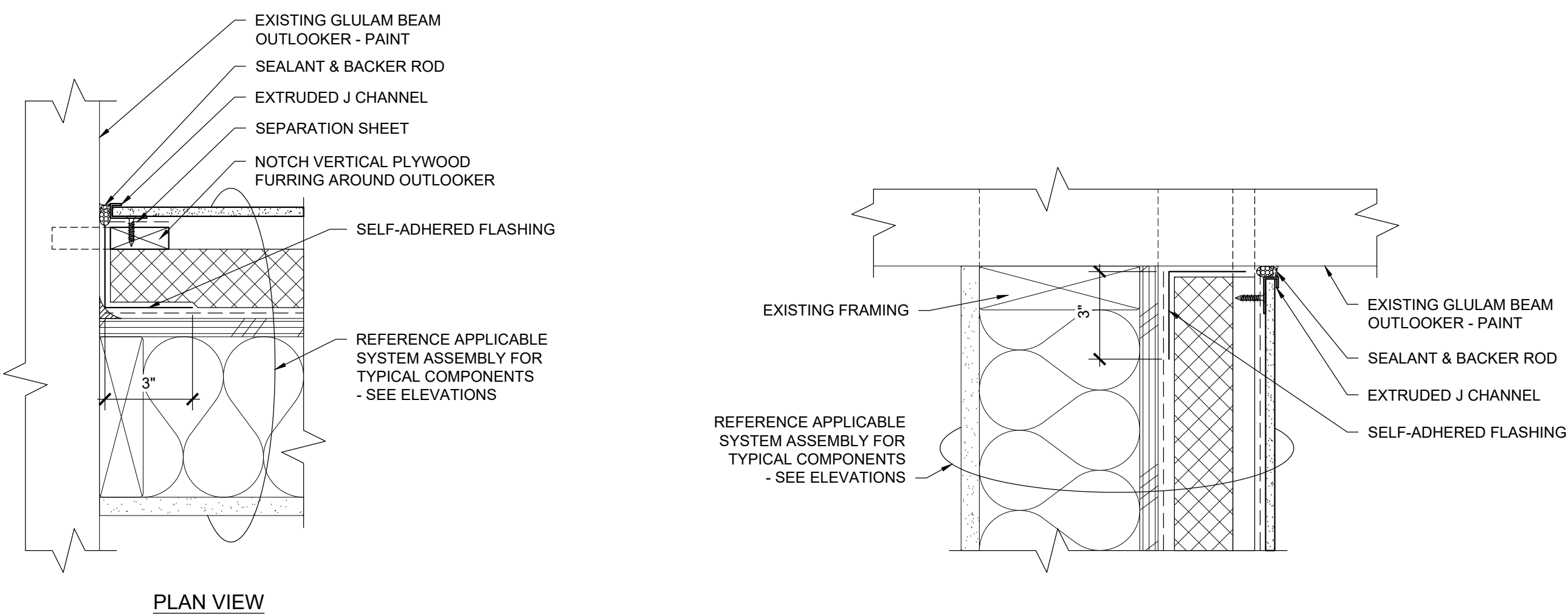


6
R201
PIPE OR CONDUIT PENETRATION
SCALE: 3" = 1'-0"

7
R201
PIPE OR CONDUIT PENETRATION
TO WALL-MOUNTED FIXTURE
SCALE: 3" = 1'-0"

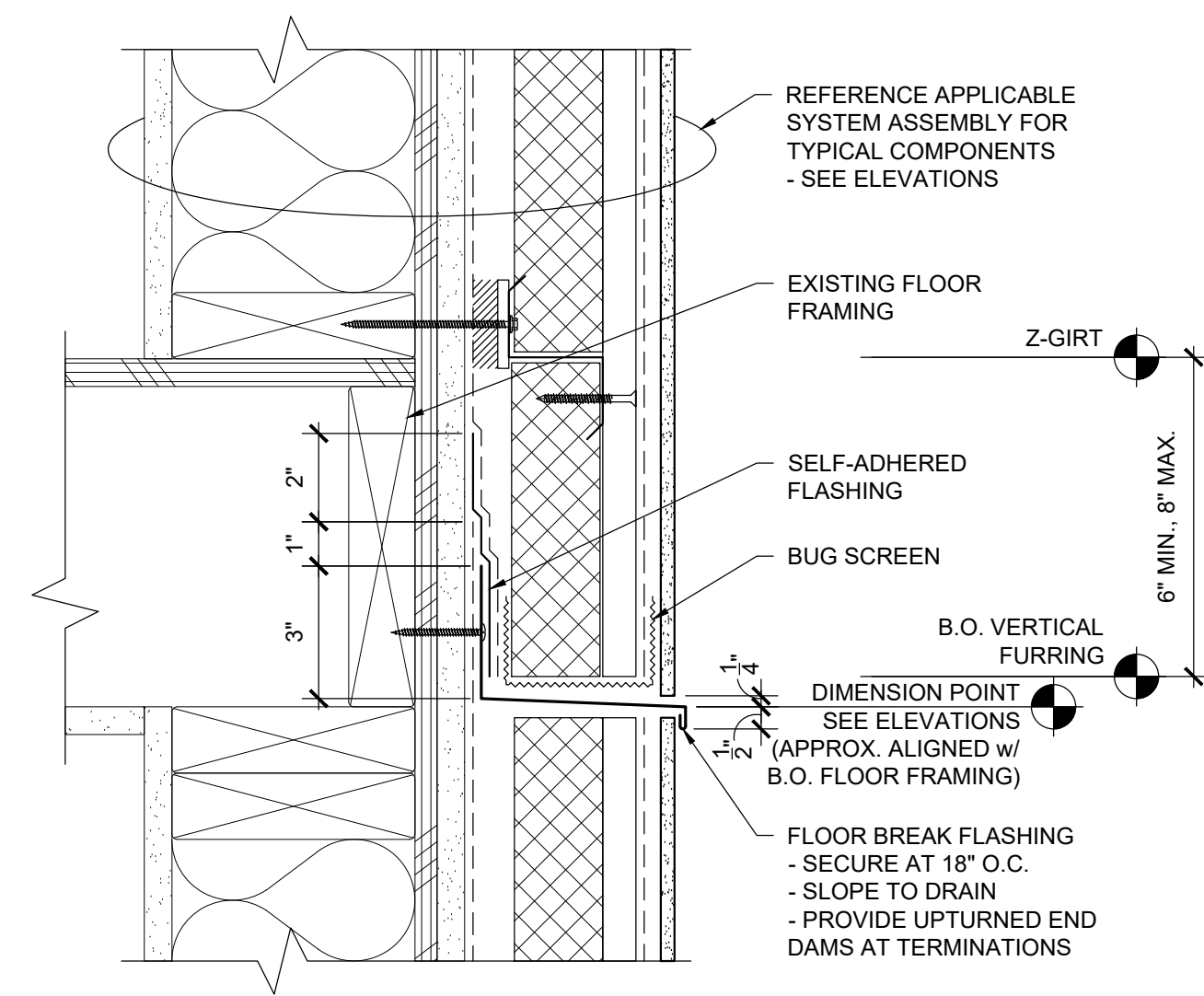


8
R201
HOSE BIB / WALL HYDRANT PENETRATION
SCALE: 3" = 1'-0"



9
R201
ROOF BEAM OUTLOOKER - SIDE
SCALE: 3" = 1'-0"

10
R201
ROOF BEAM OUTLOOKER - UNDERSIDE
SCALE: 3" = 1'-0"



11
R201
THROUGH WALL FLASHING AT FLOOR BREAK
SCALE: 3" = 1'-0"

**KELSO SCHOOL DISTRICT
COWEEMAN MIDDLE SCHOOL
CLADDING REPLACEMENT**

Sheet Title:
EXTERIOR WALL DETAILS

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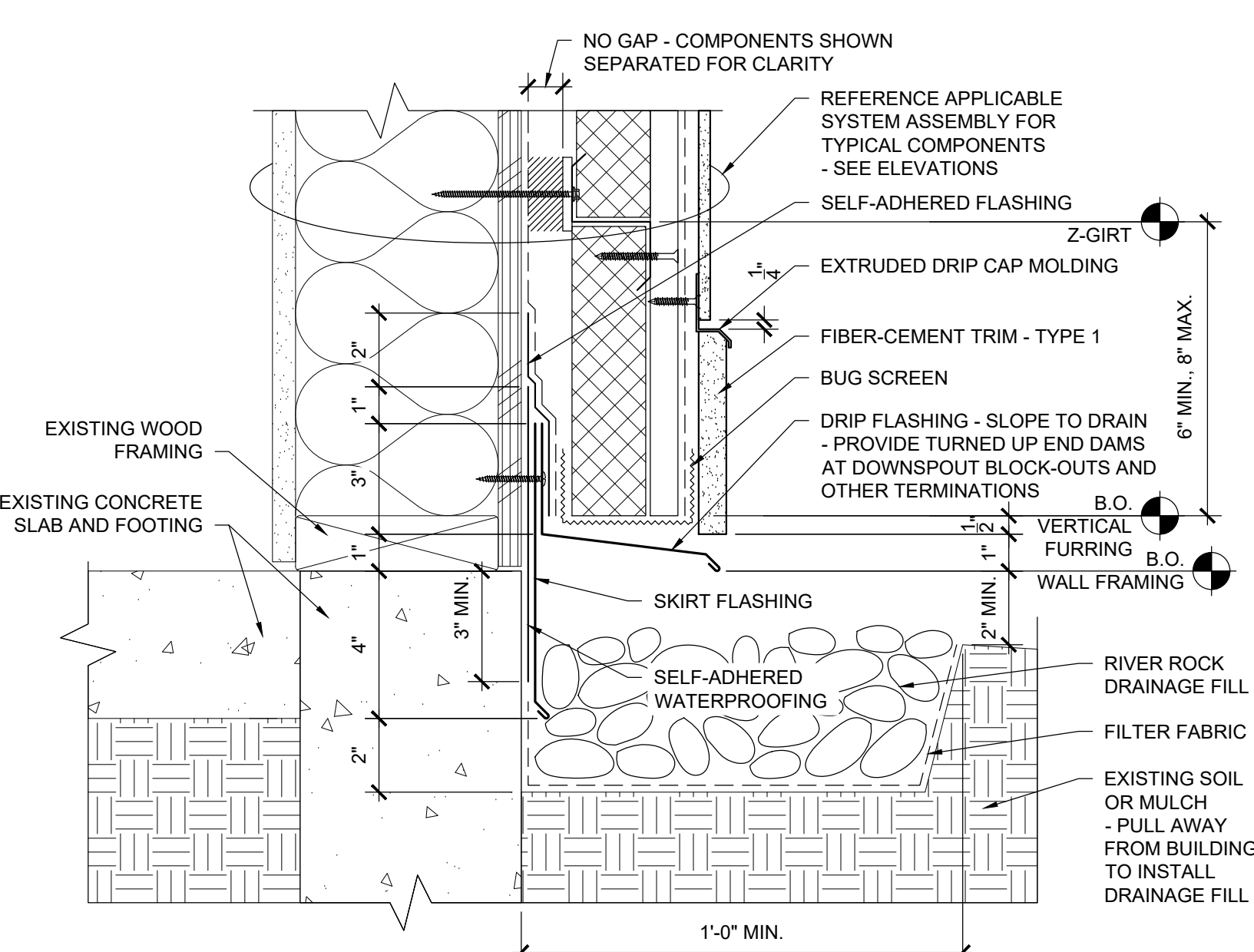
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PRC No.: R3383.04

Sheet No.:

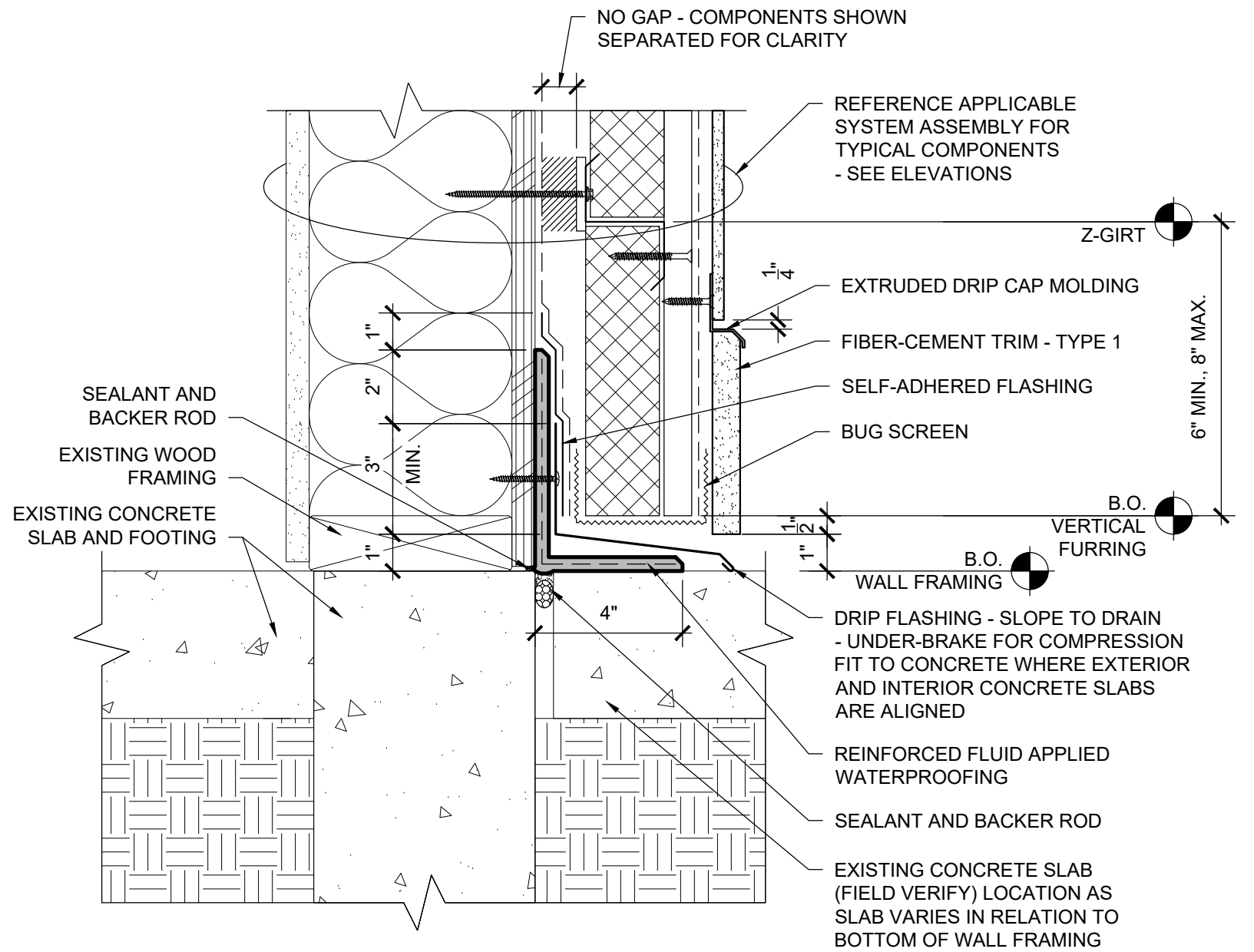
R202

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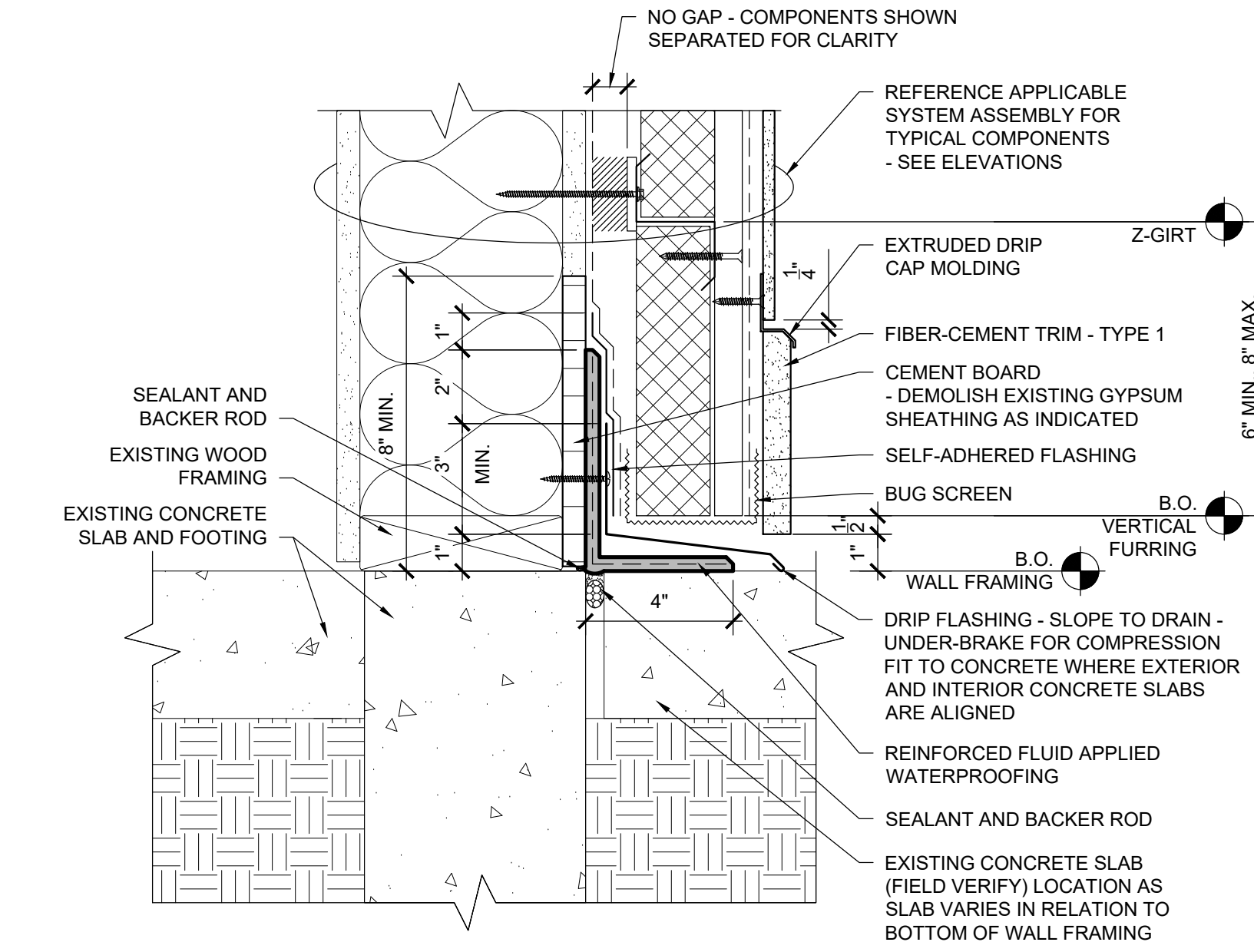
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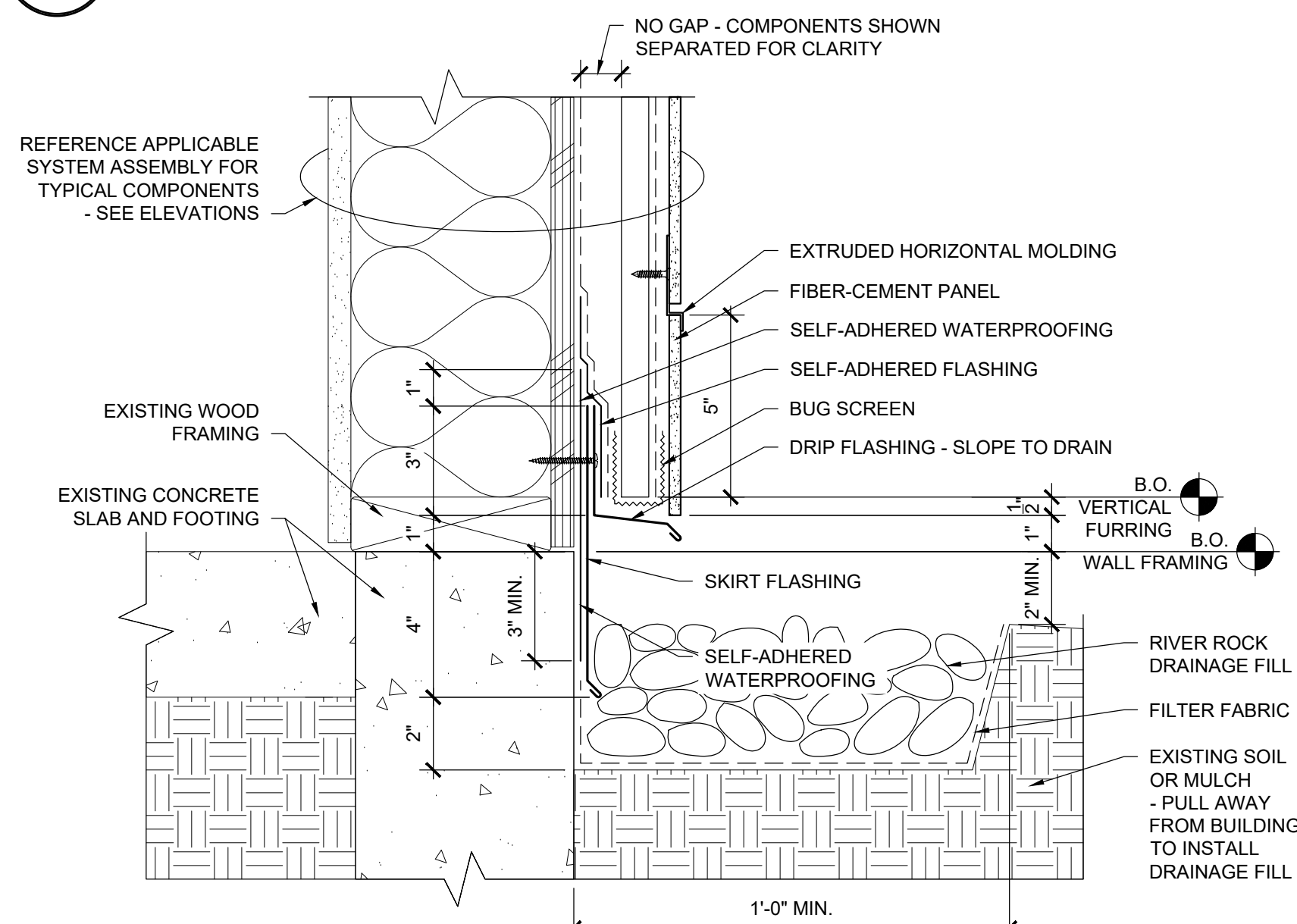
1
R202 **BASE OF WALL AT LANDSCAPE (WALL TYPES 1A, 2A, 3A, & 4A)**
SCALE: 3" = 1'-0"



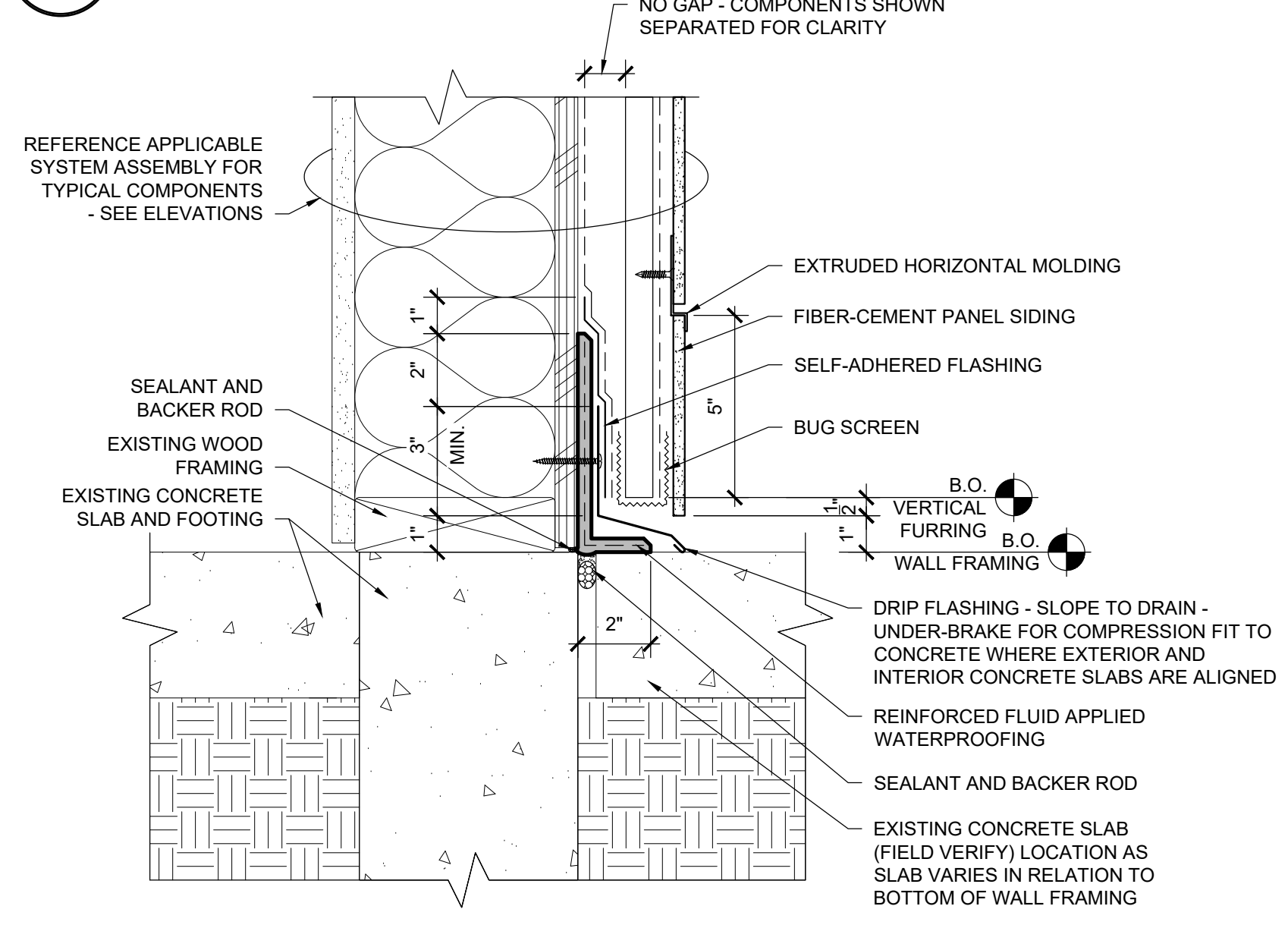
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R202 **BASE OF WALL AT HARDSCAPE (WALL TYPE 1A)**
SCALE: 3" = 1'-0"



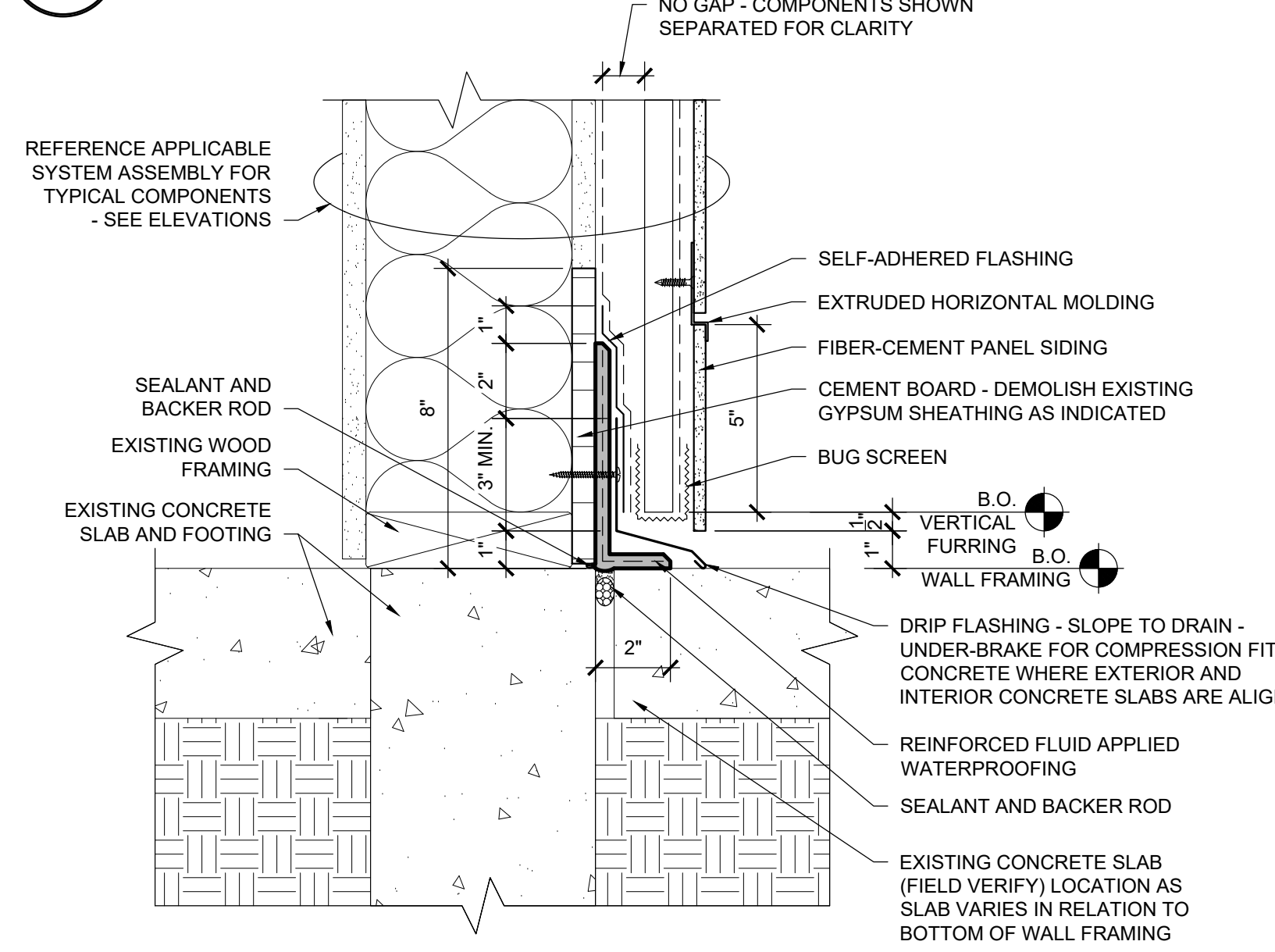
3
R202 **BASE OF WALL AT HARDSCAPE (WALL TYPES 2A, 3A, & 4A)**
SCALE: 3" = 1'-0"



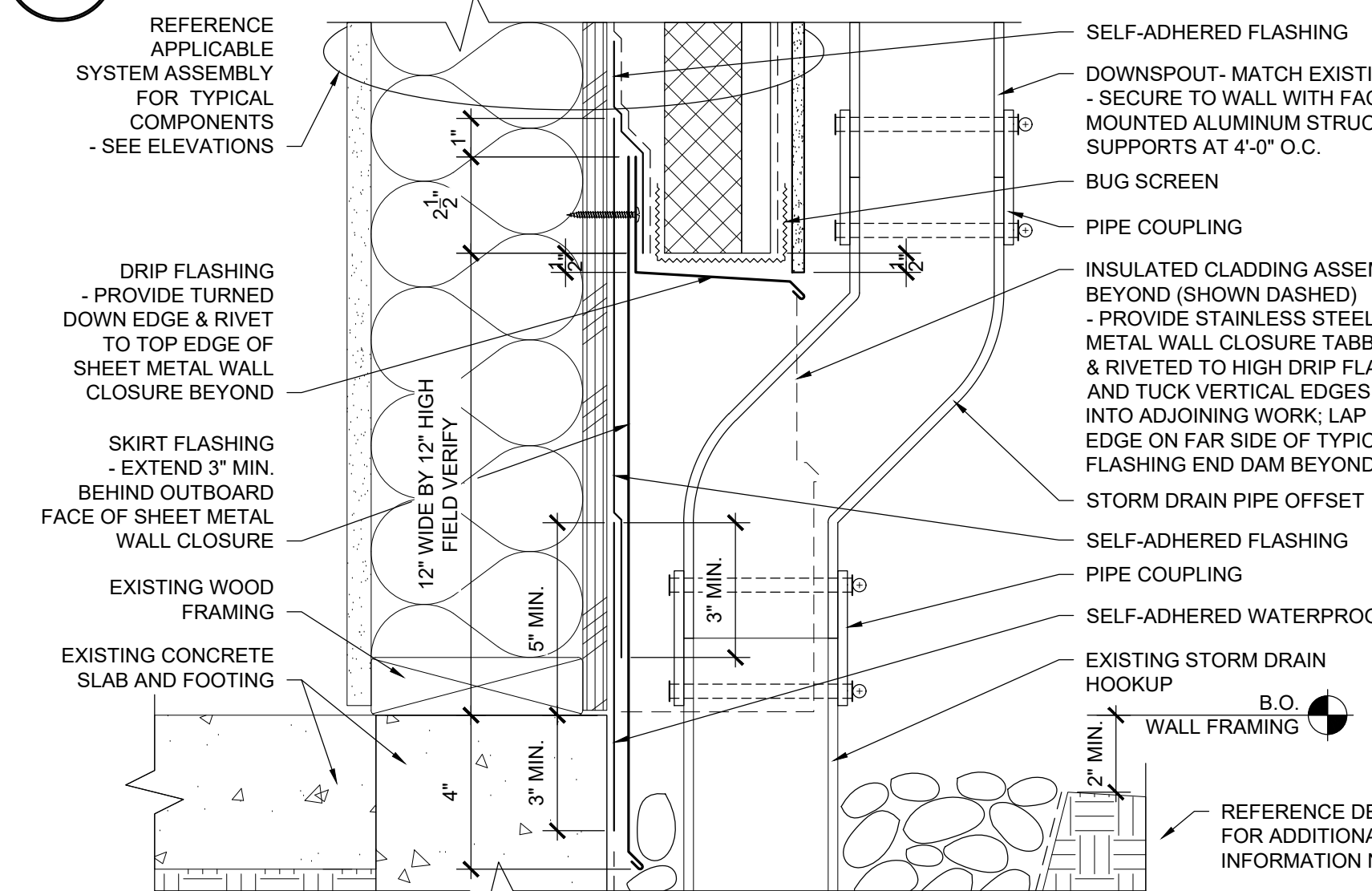
4
R202 **BASE OF WALL AT LANDSCAPE (WALL TYPES 1B, 2B, & 3B)**
SCALE: 3" = 1'-0"



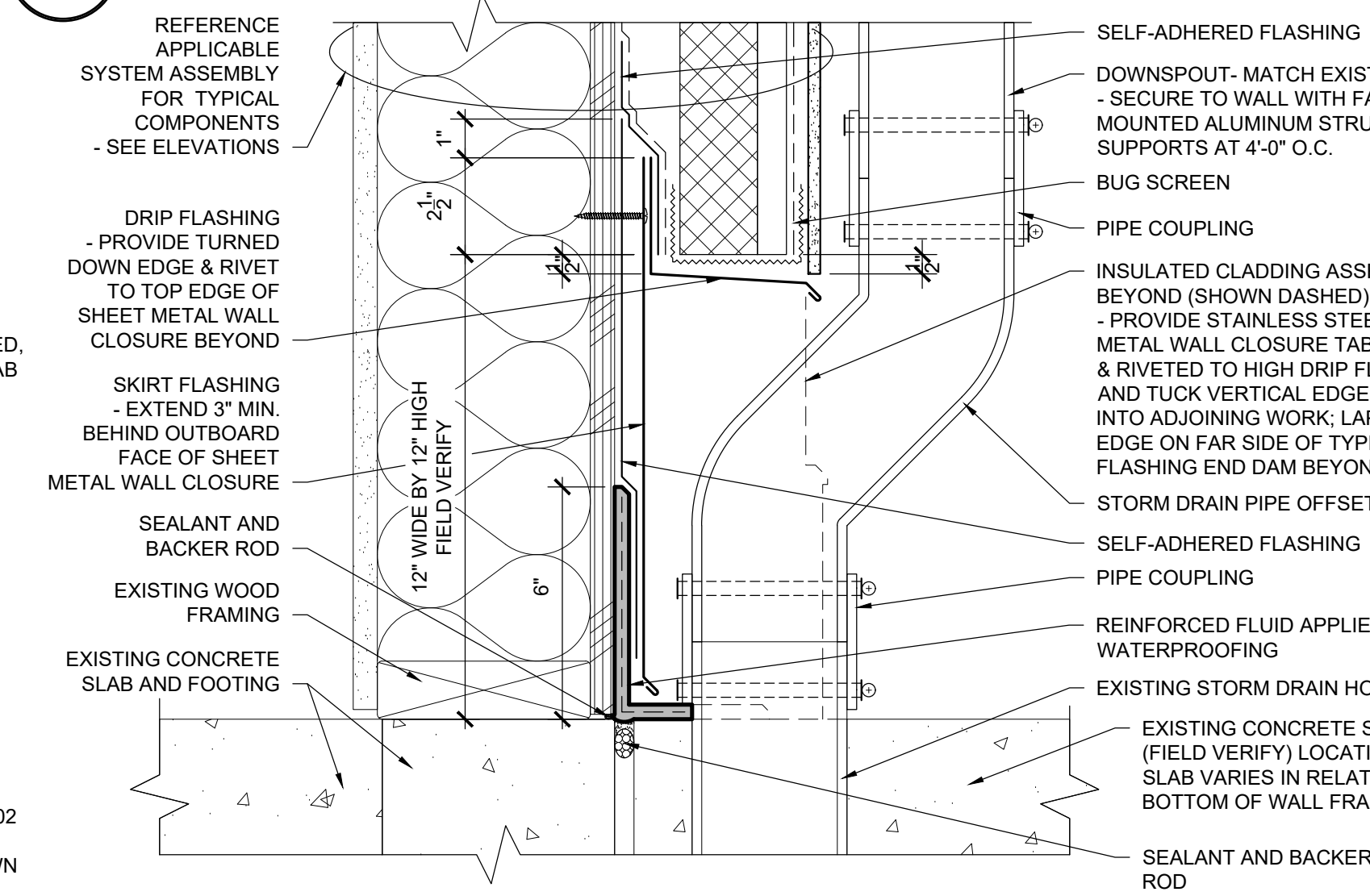
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R202 **BASE OF WALL AT HARDSCAPE (WALL TYPE 1B)**
SCALE: 3" = 1'-0"



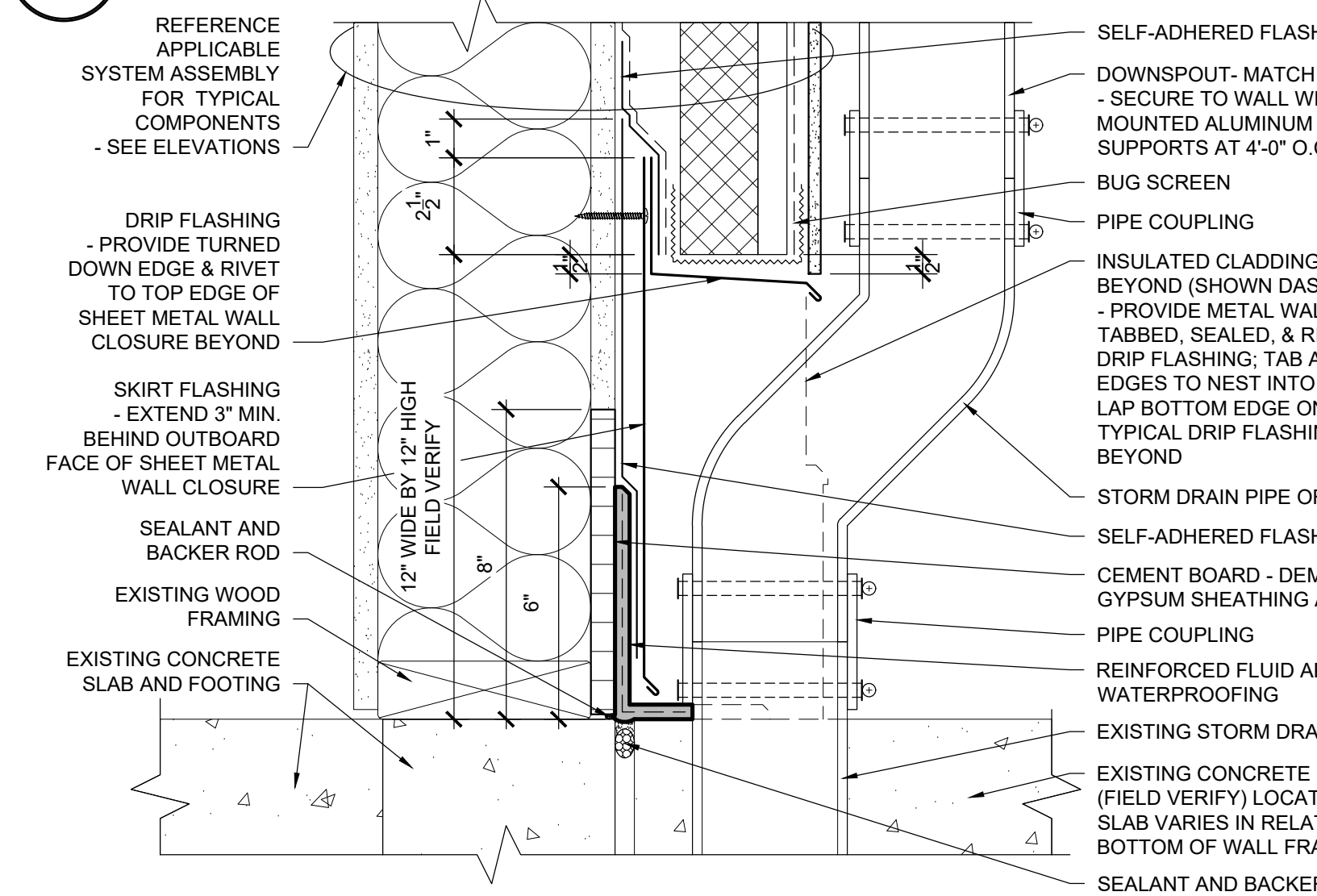
6
R202 **BASE OF WALL AT HARDSCAPE (WALL TYPES 2B & 4B)**
SCALE: 3" = 1'-0"



7
R202 **D.S. TRANSITION AT LANDSCAPE (WALL TYPES 1A, 2A, & 4A)**
SCALE: 3" = 1'-0"



8
R202 **DOWNSPOUT TRANSITION AT HARDSCAPE (WALL TYPE 1A)**
SCALE: 3" = 1'-0"



9
R202 **DOWNSPOUT TRANSITION AT HARDSCAPE (WALL TYPE 2A)**
SCALE: 3" = 1'-0"

KELSO SCHOOL DISTRICT
COWEEMAN MIDDLE SCHOOL
CLADDING REPLACEMENT

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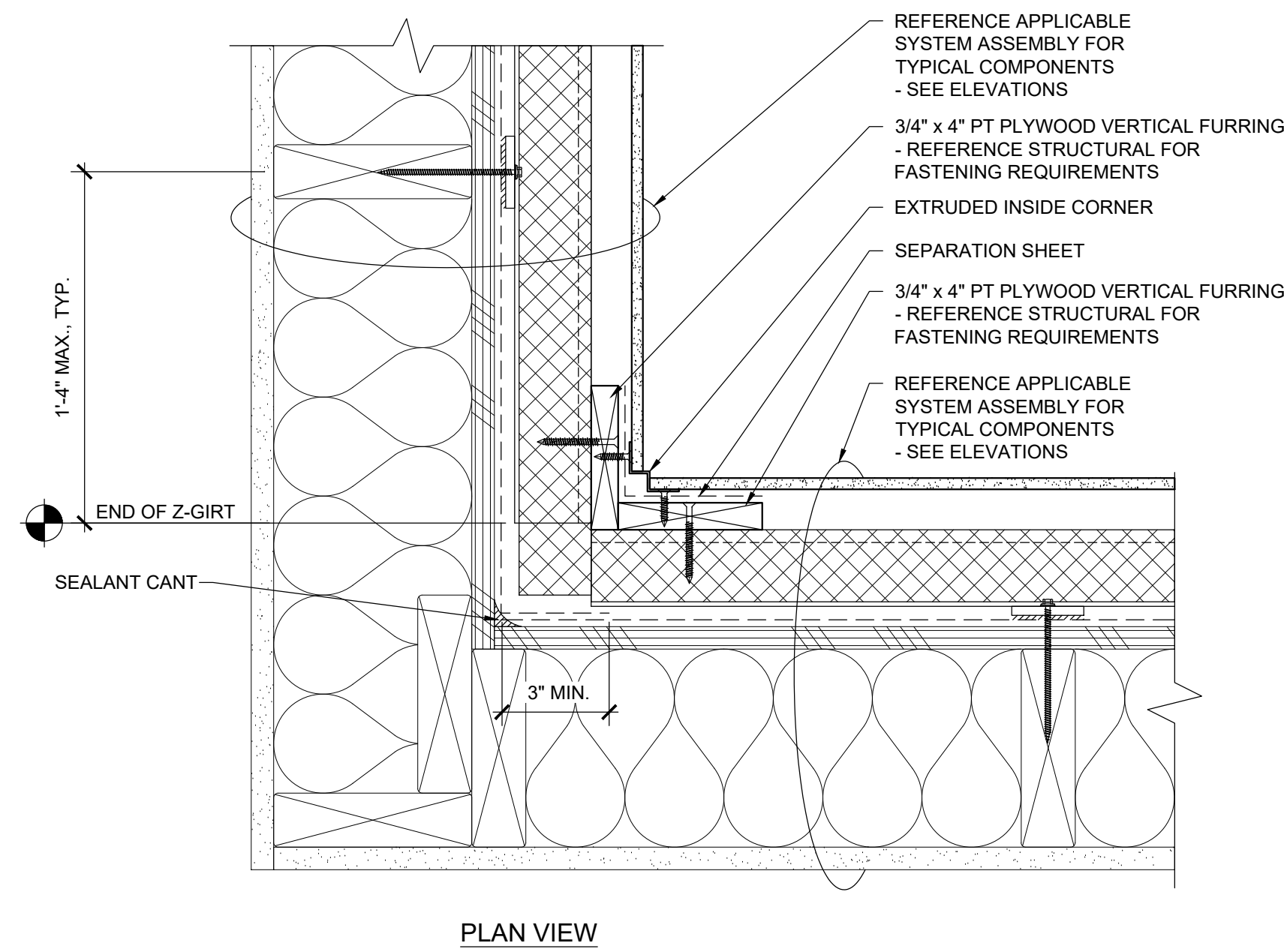
Revisions:

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Checked: TWB
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PRC No.: R3383.04

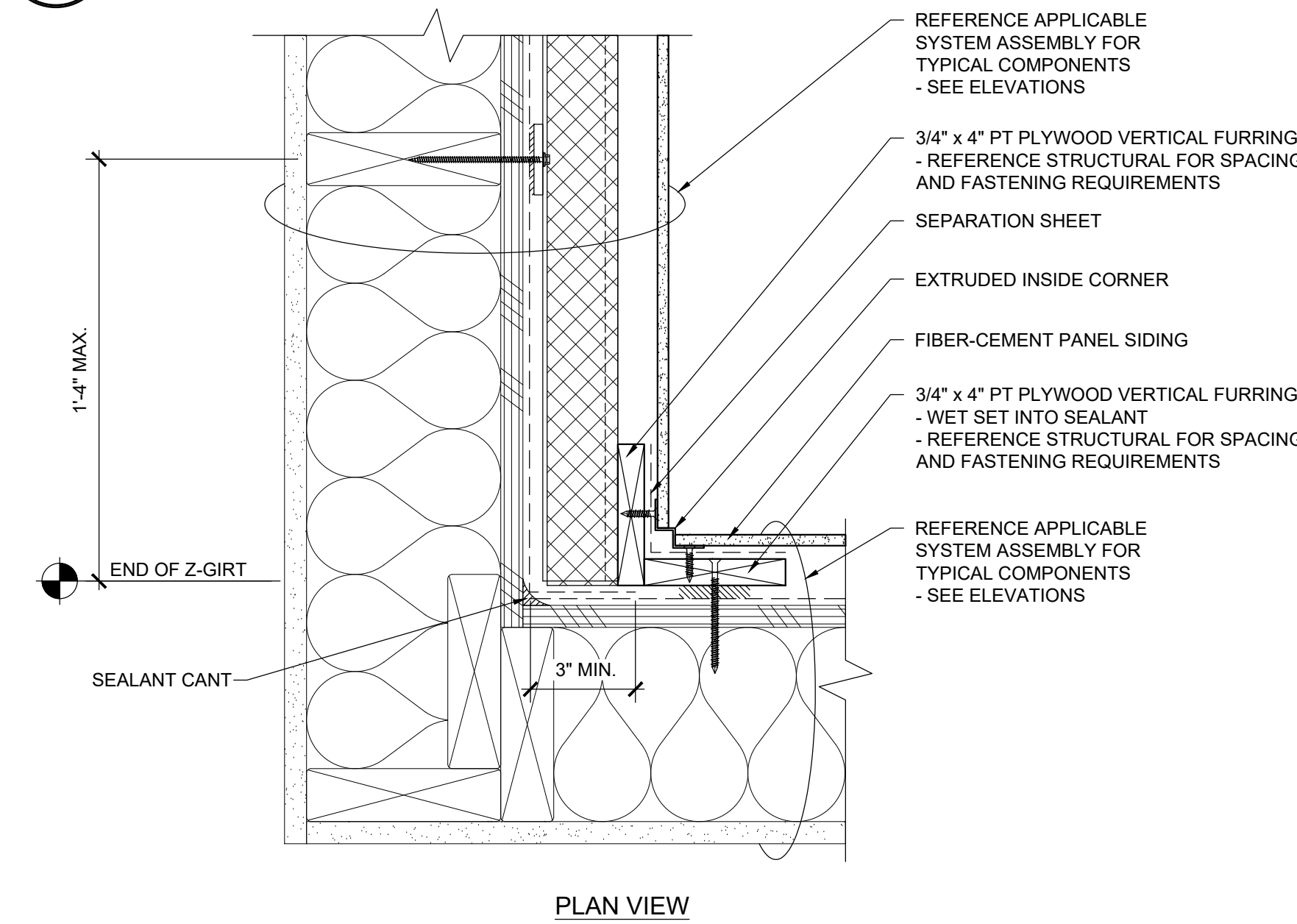
Sheet No.:

R203

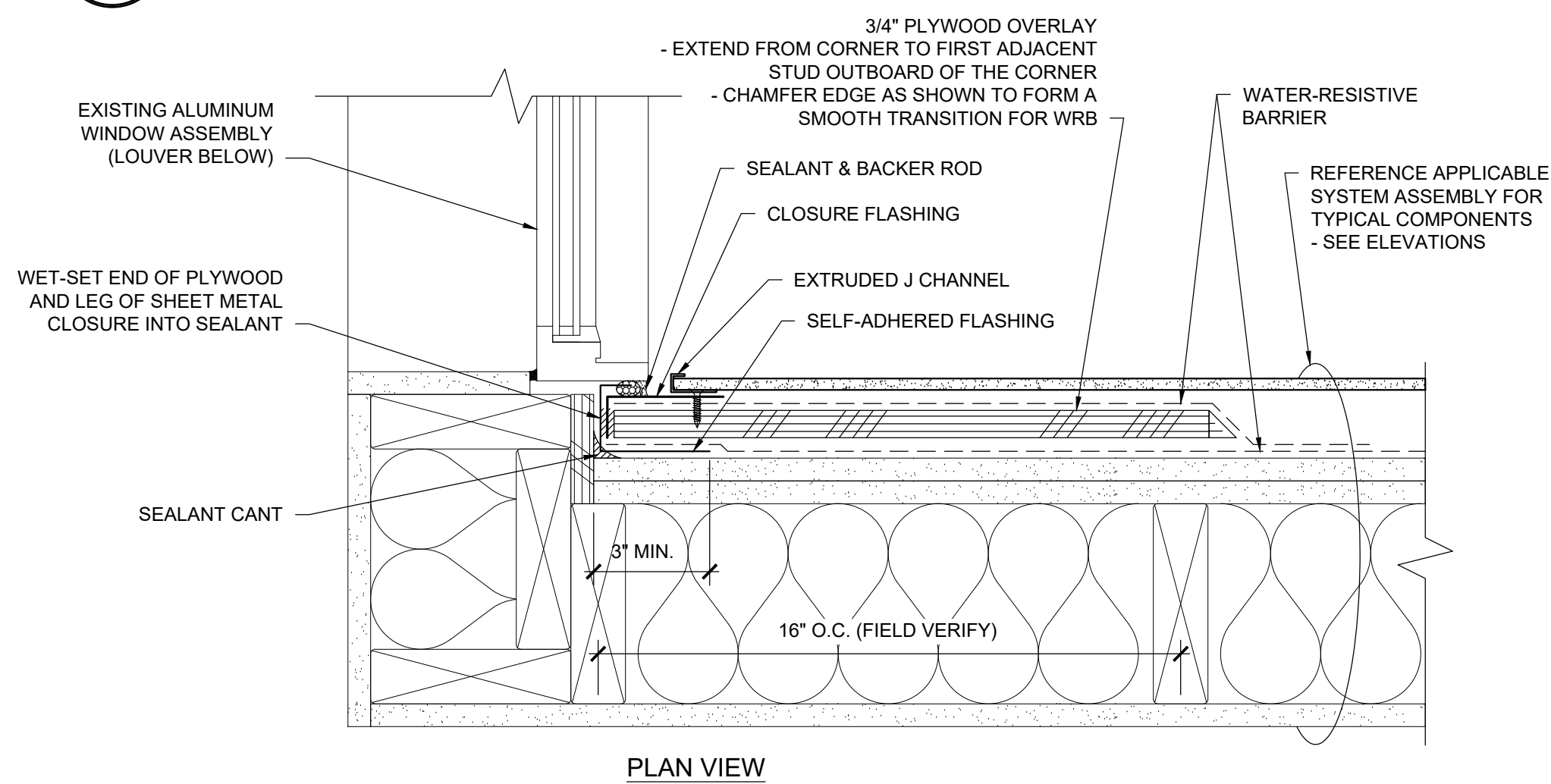
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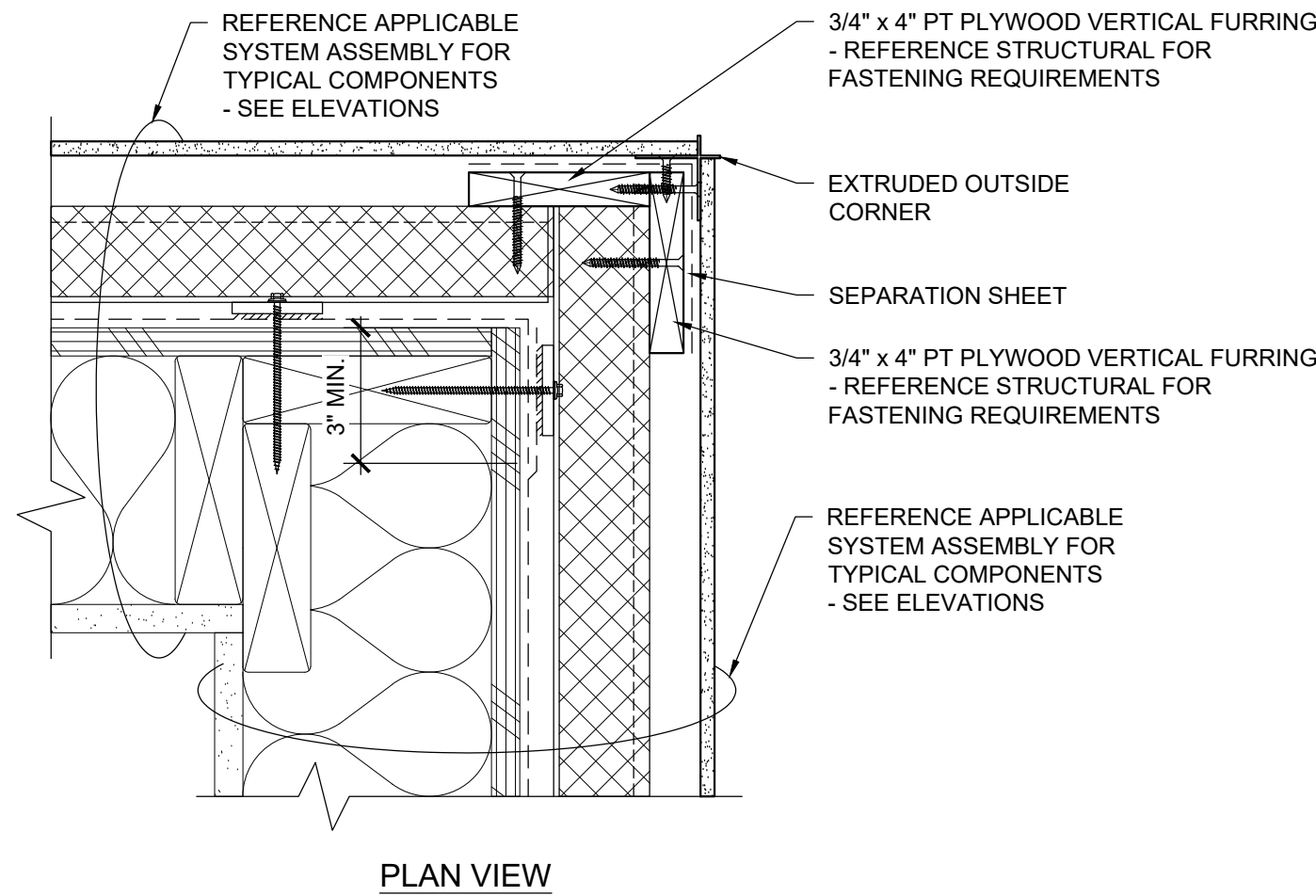
1 INSIDE CORNER (WALL TYPES 1A/1A, 2A/2A, 1A/2A, 4A/1A, & 4A/2A)
R203 SCALE: 3" = 1'-0"



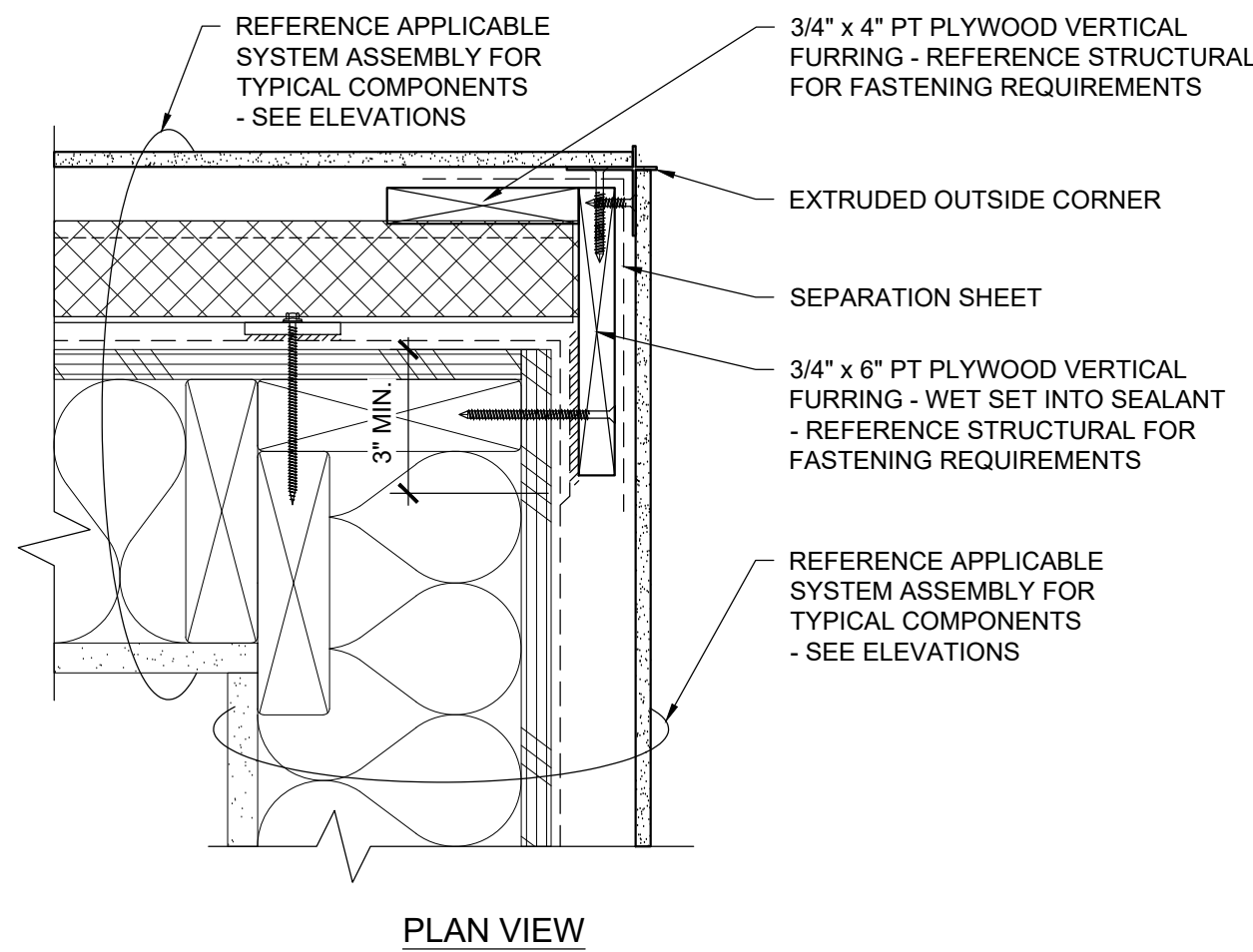
4 INSIDE CORNER (WALL TYPES 1A/1B, 2A/2B, & 1A/2B)
R203 SCALE: 3" = 1'-0"



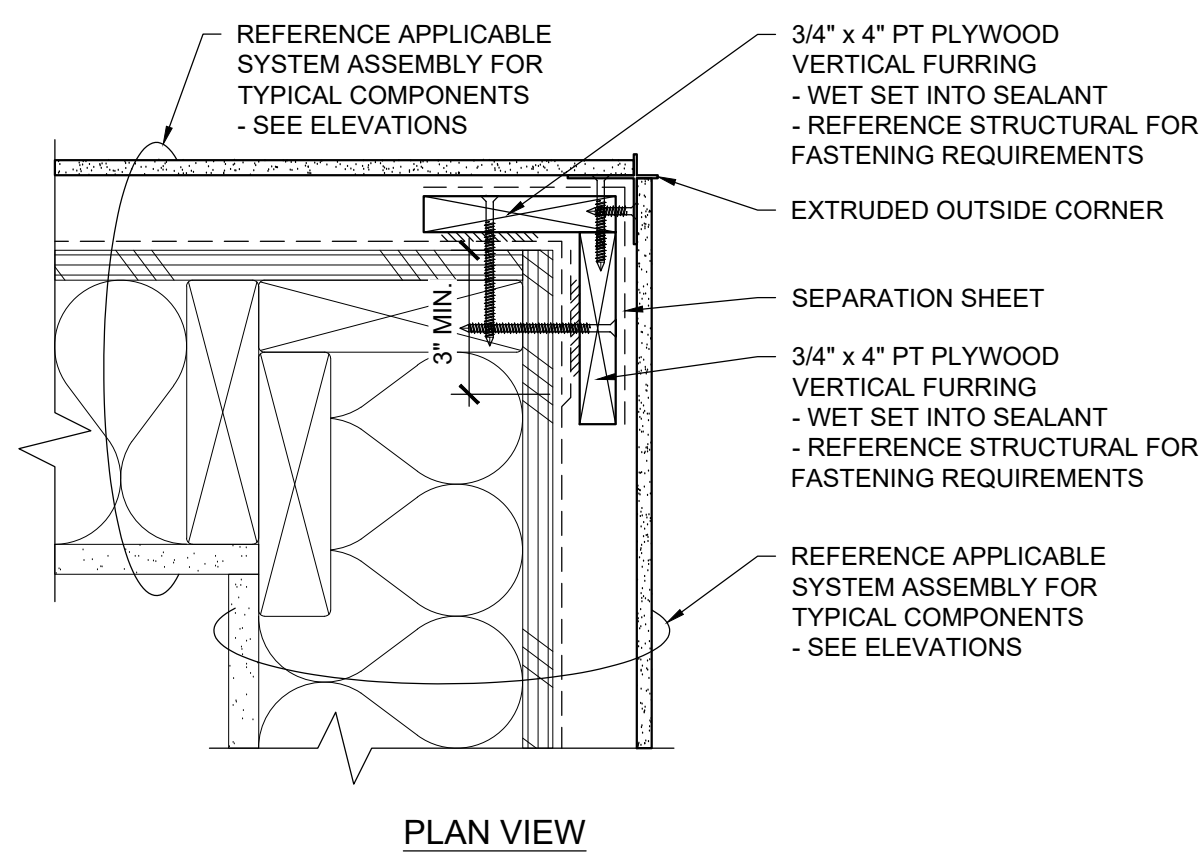
6 INSIDE CORNER AT WINDOW JAMB
R203 SCALE: 3" = 1'-0"



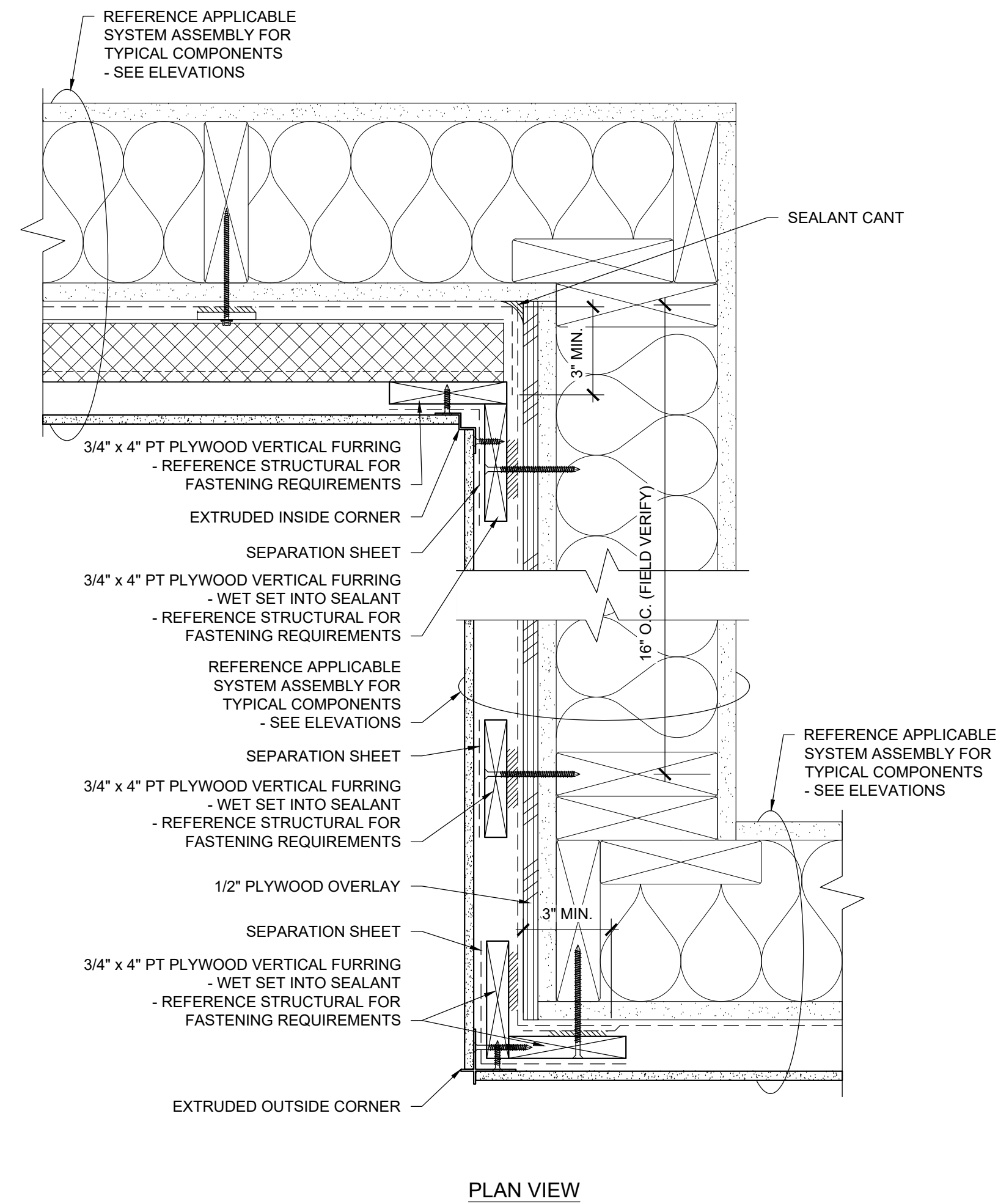
2 OUTSIDE CORNER (WALL TYPES 1A/1A, 2A/2A, 4A/4A, & 2A/4A)
R203 SCALE: 3" = 1'-0"



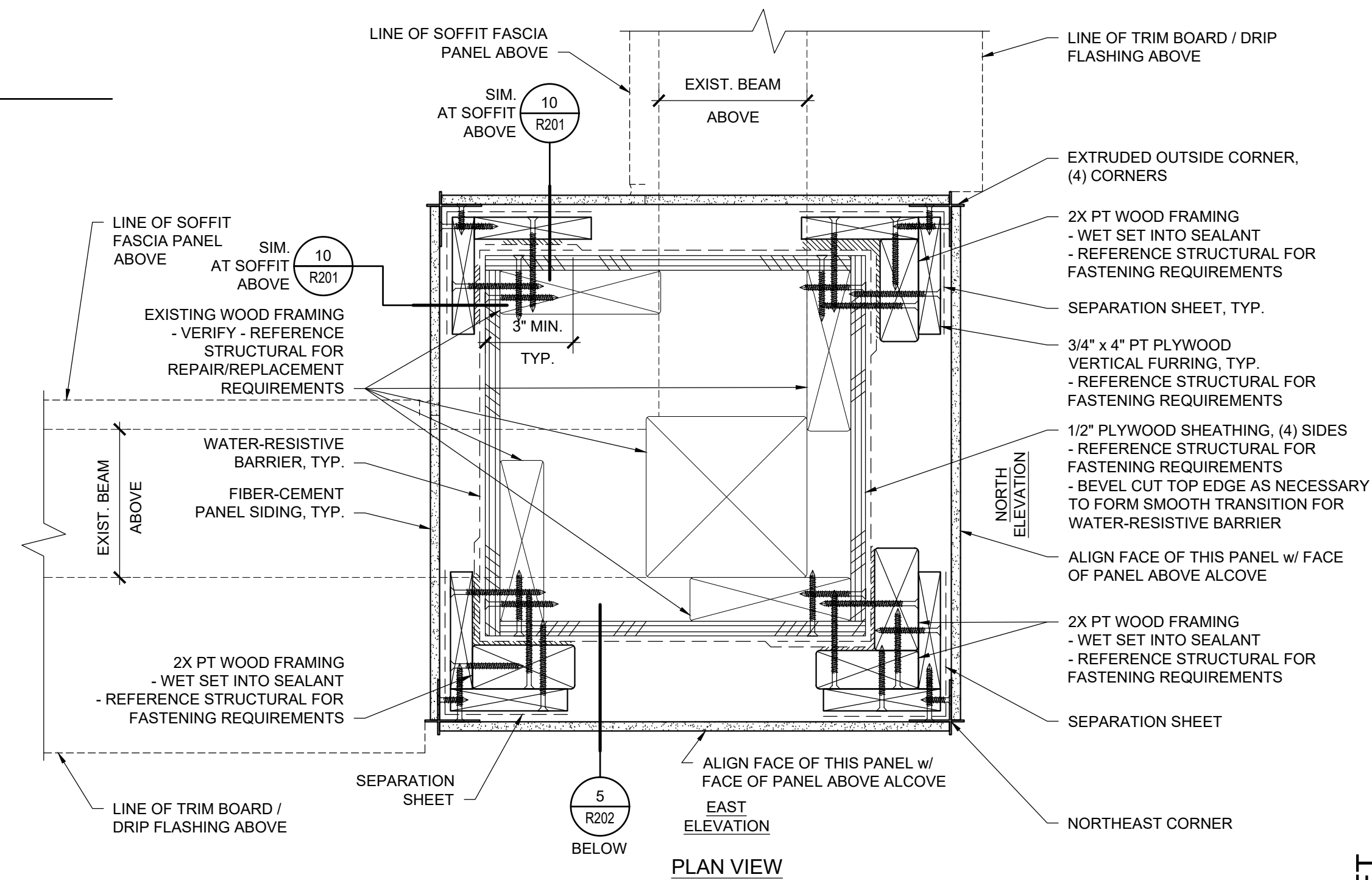
5 OUTSIDE CORNER (WALL TYPES 1A/1B)
R203 SCALE: 3" = 1'-0"



7 OUTSIDE CORNER (WALL TYPES 2B/2B)
R203 SCALE: 3" = 1'-0"



3 CORNER TRANSITION (WALL TYPE 2B/2B/2A)
R203 SCALE: 3" = 1'-0"



8 COLUMN WRAP AT MULTI-PURPOSE
R203 SCALE: 3" = 1'-0"

BID SET

**KELSO SCHOOL DISTRICT
COWEEMAN MIDDLE SCHOOL
CLADDING REPLACEMENT**

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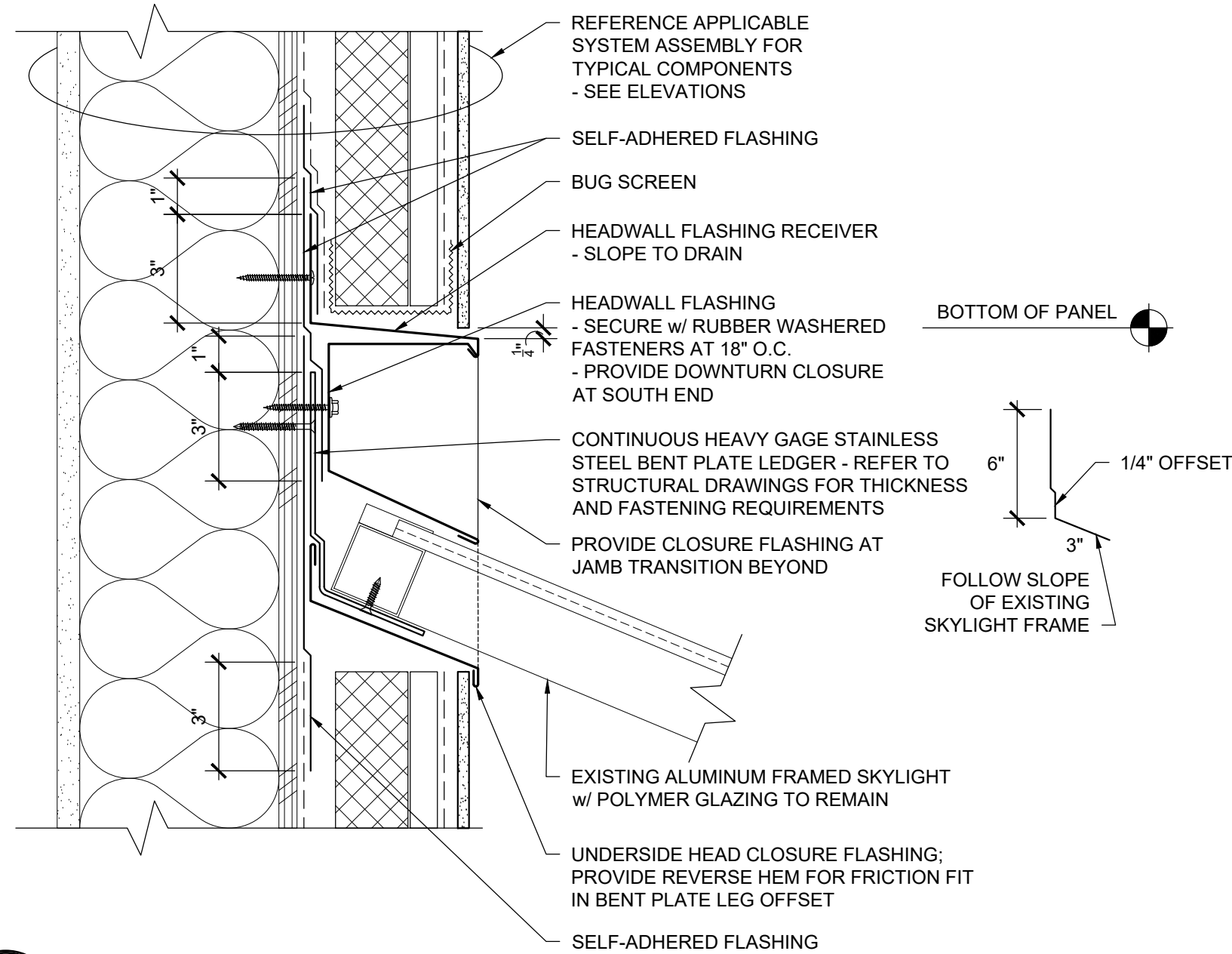
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PRC No.: R3383.04

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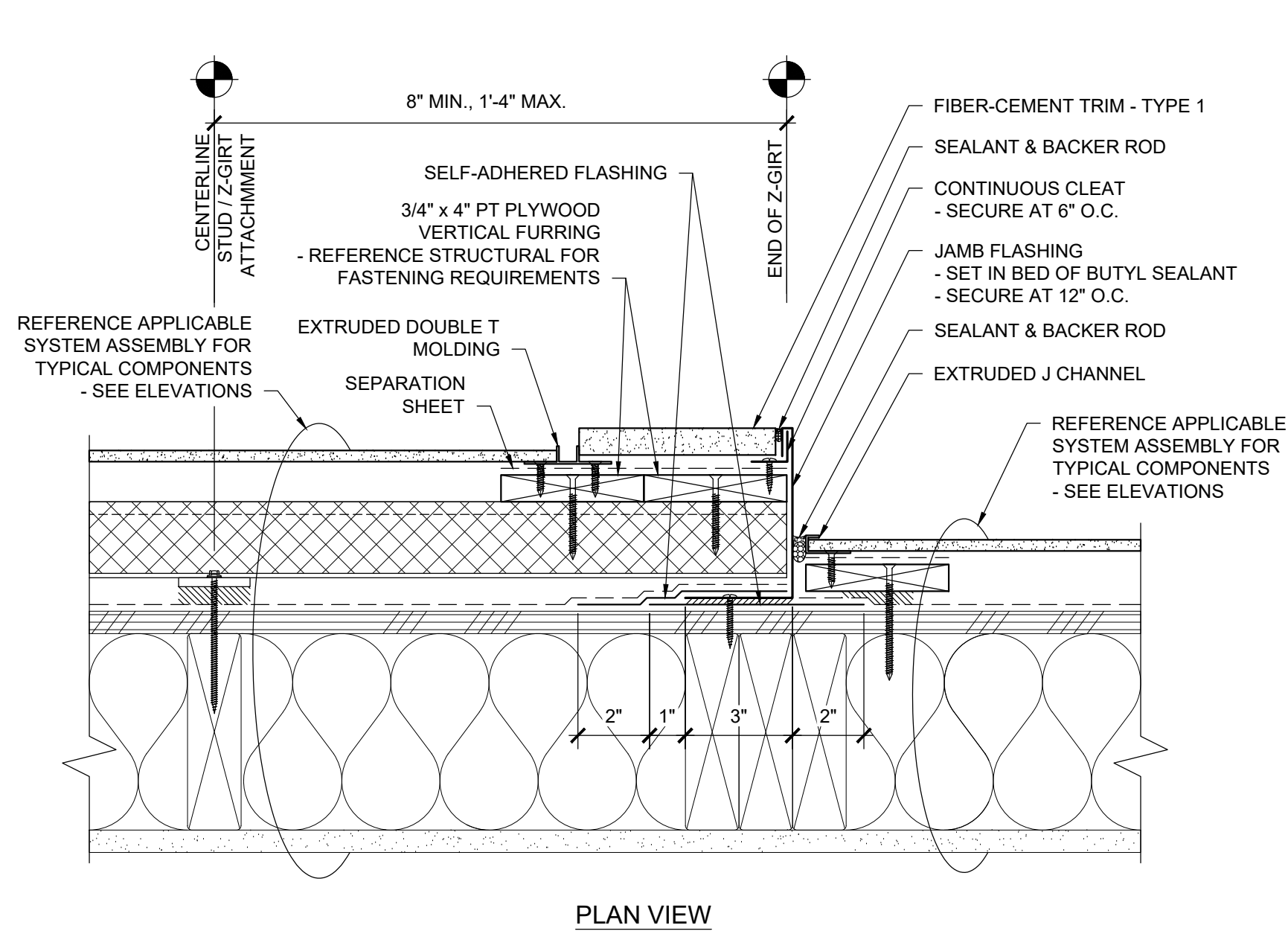
R204

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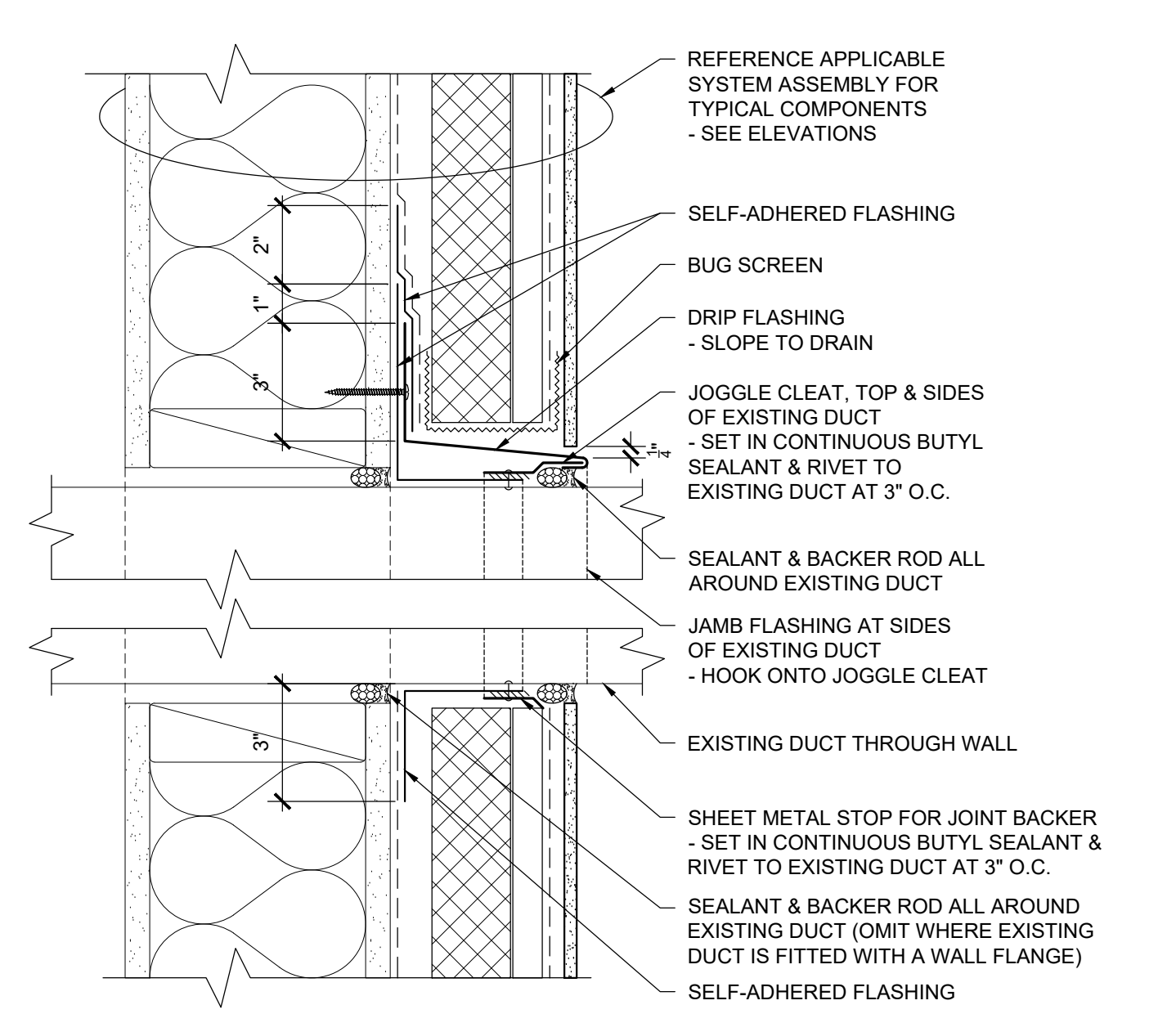
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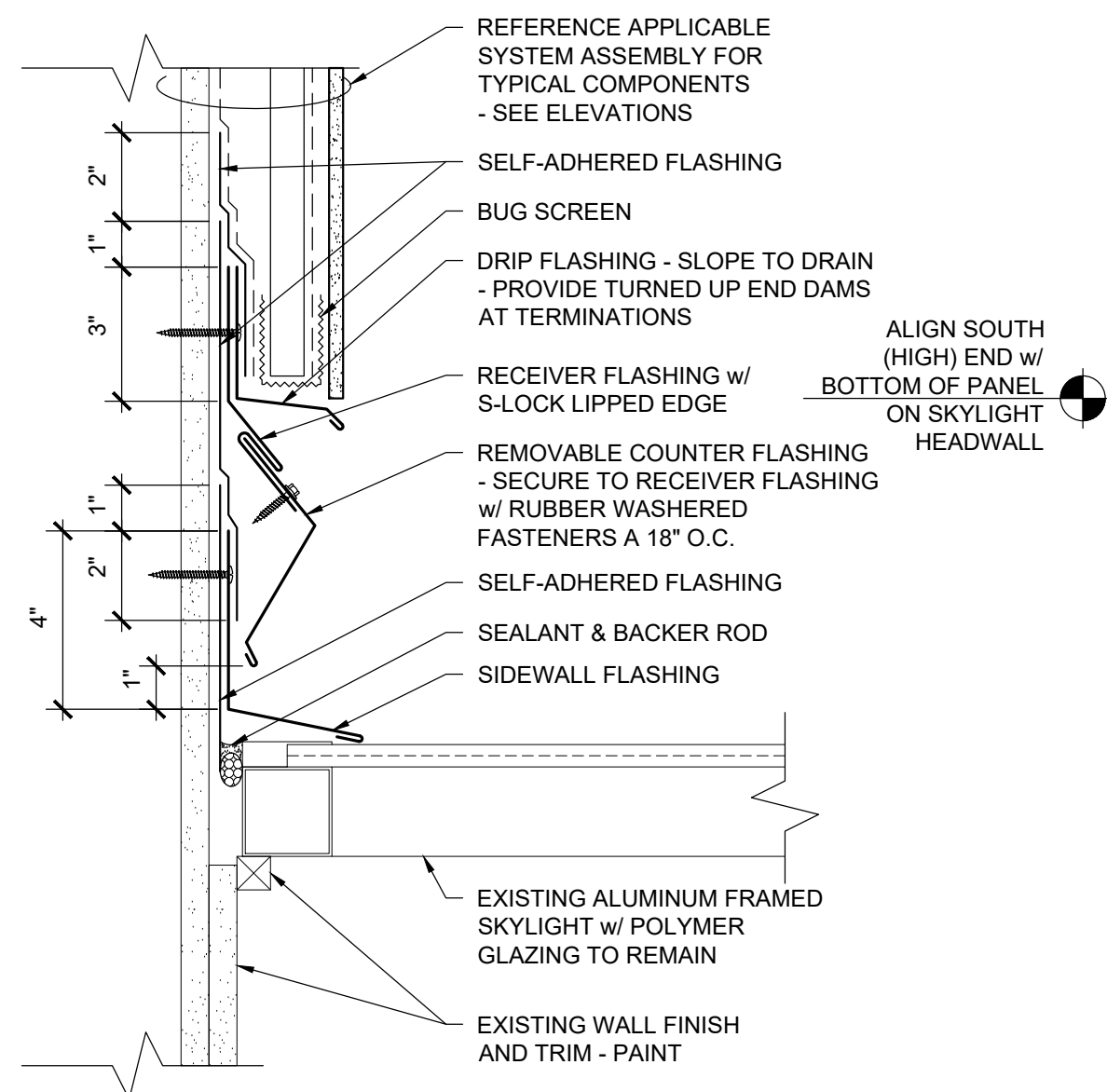
1 CLADDING AT SKYLIGHT HEADWALL
R204 SCALE: 3" = 1'-0"



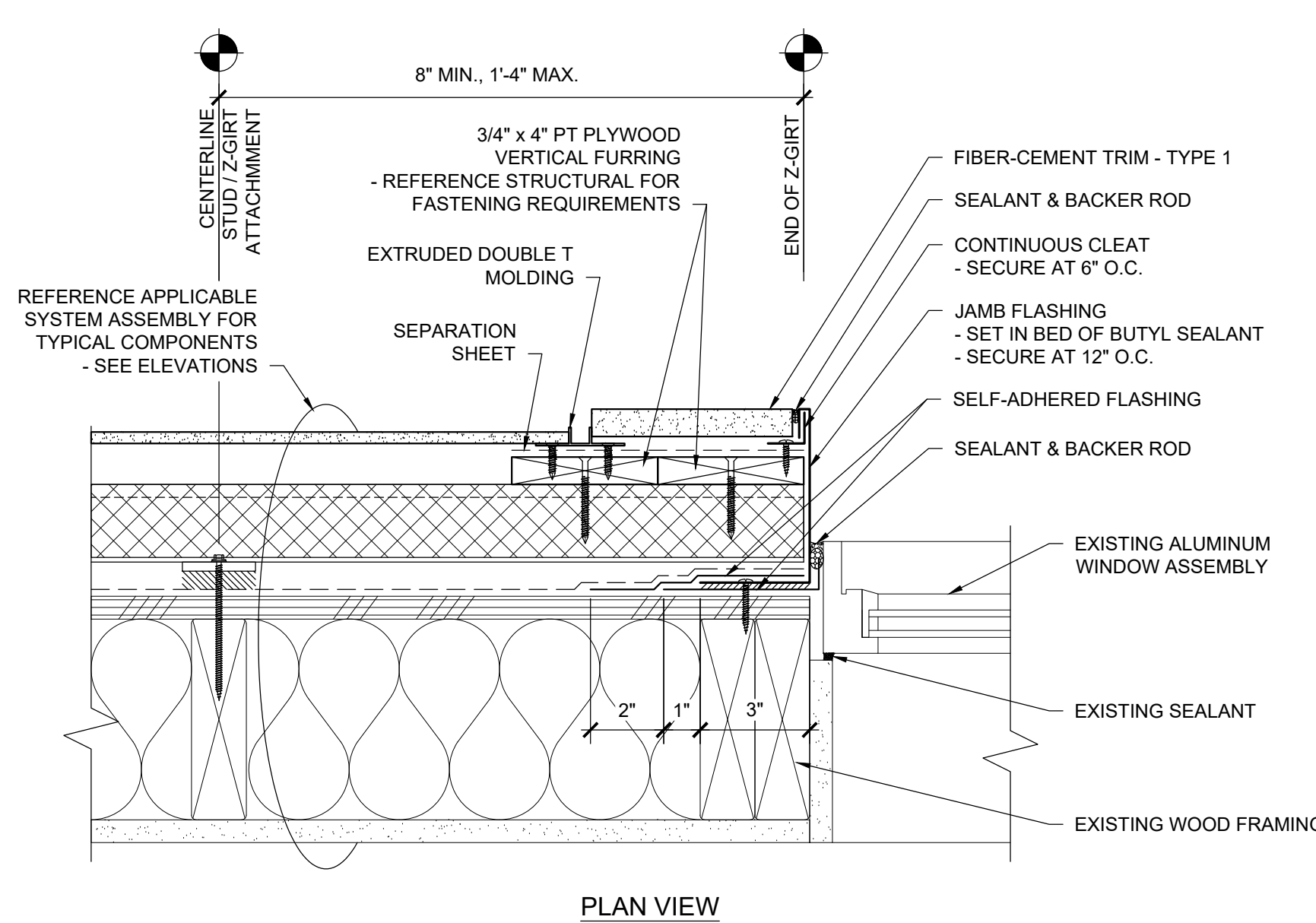
2 CLADDING TRANSITION - HORIZONTAL
R204 SCALE: 3" = 1'-0"



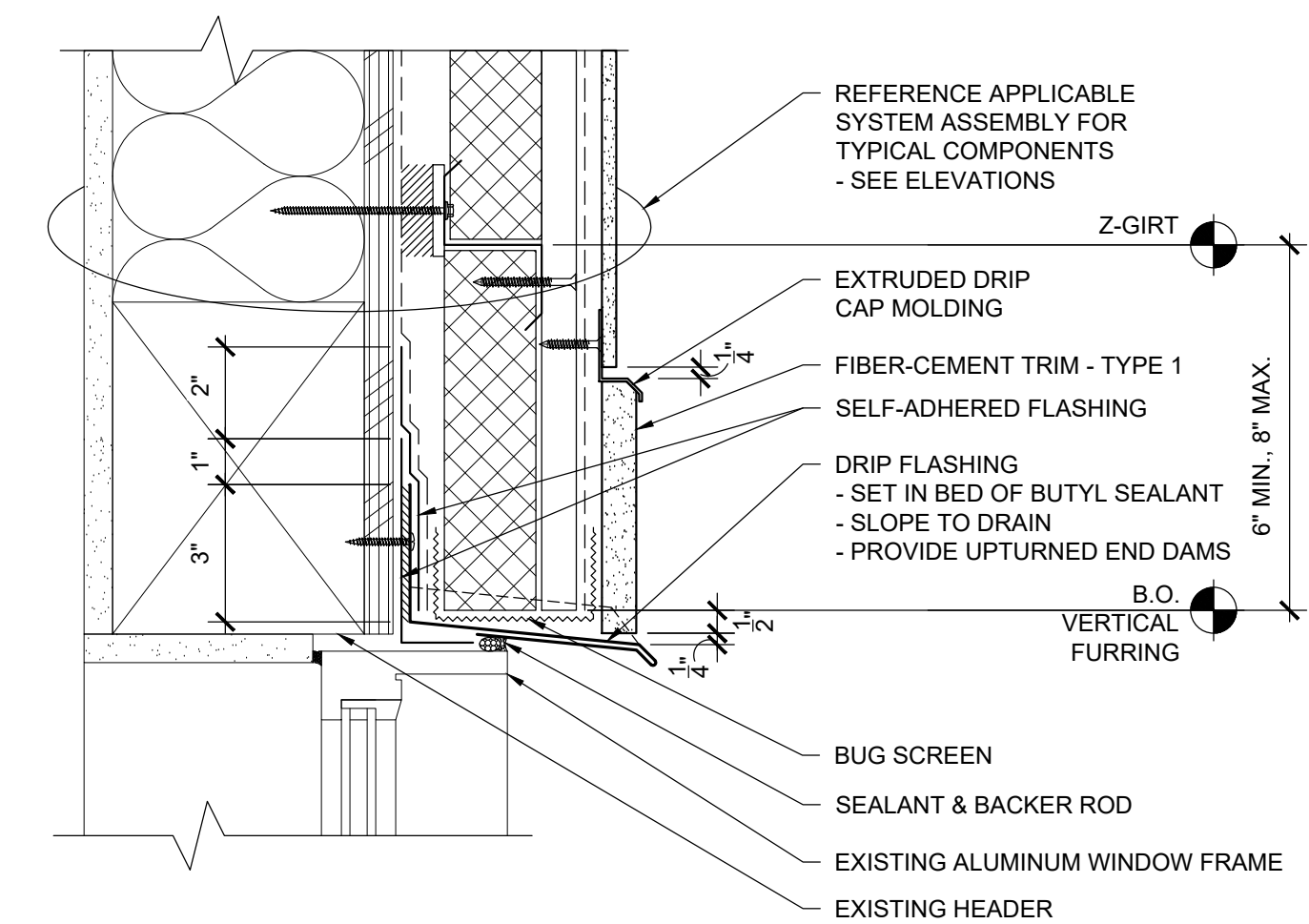
3 CLADDING AT DUCT PENETRATION
R204 SCALE: 3" = 1'-0"



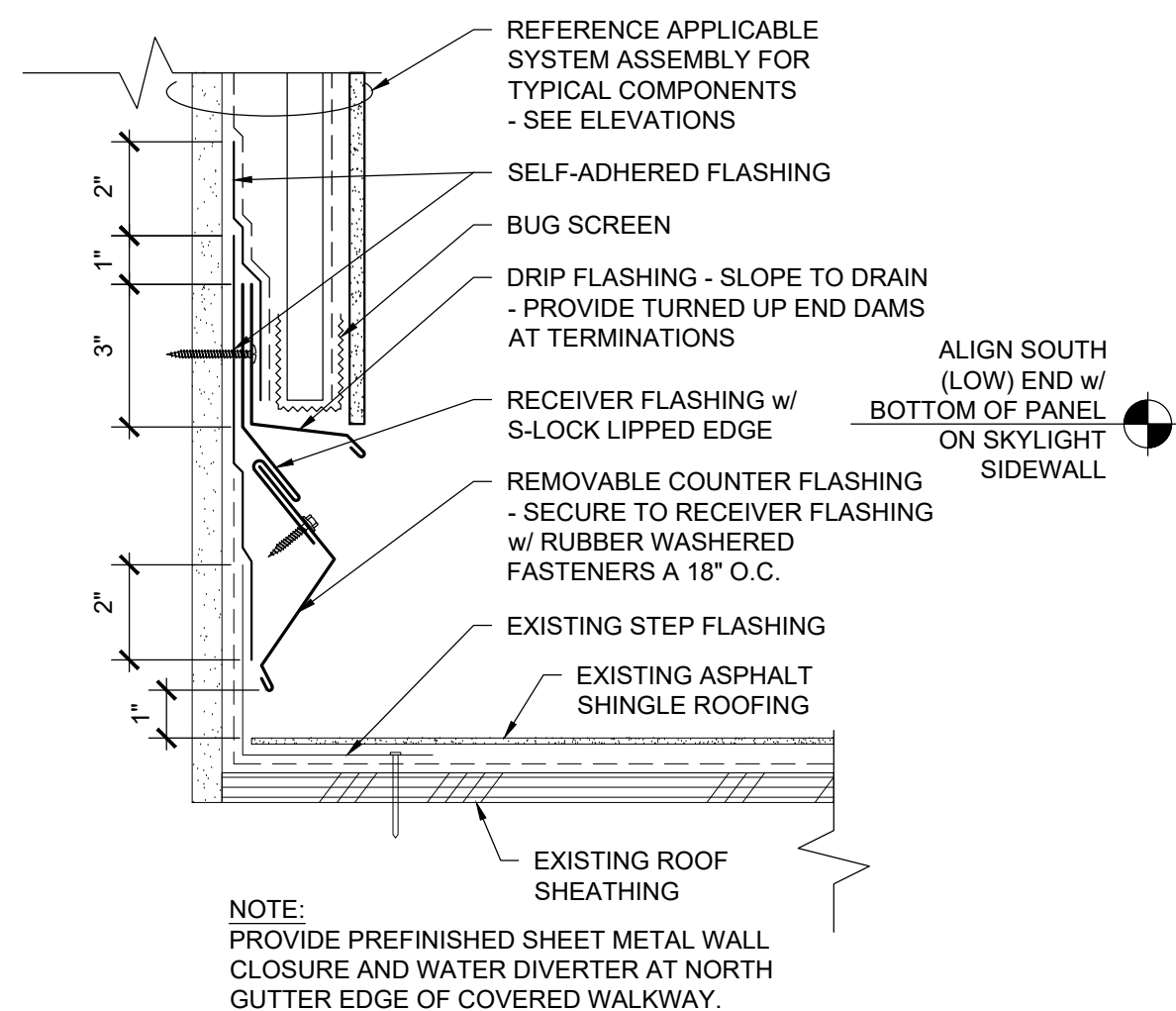
4 CLADDING AT SKYLIGHT SIDEWALL
R204 SCALE: 3" = 1'-0"



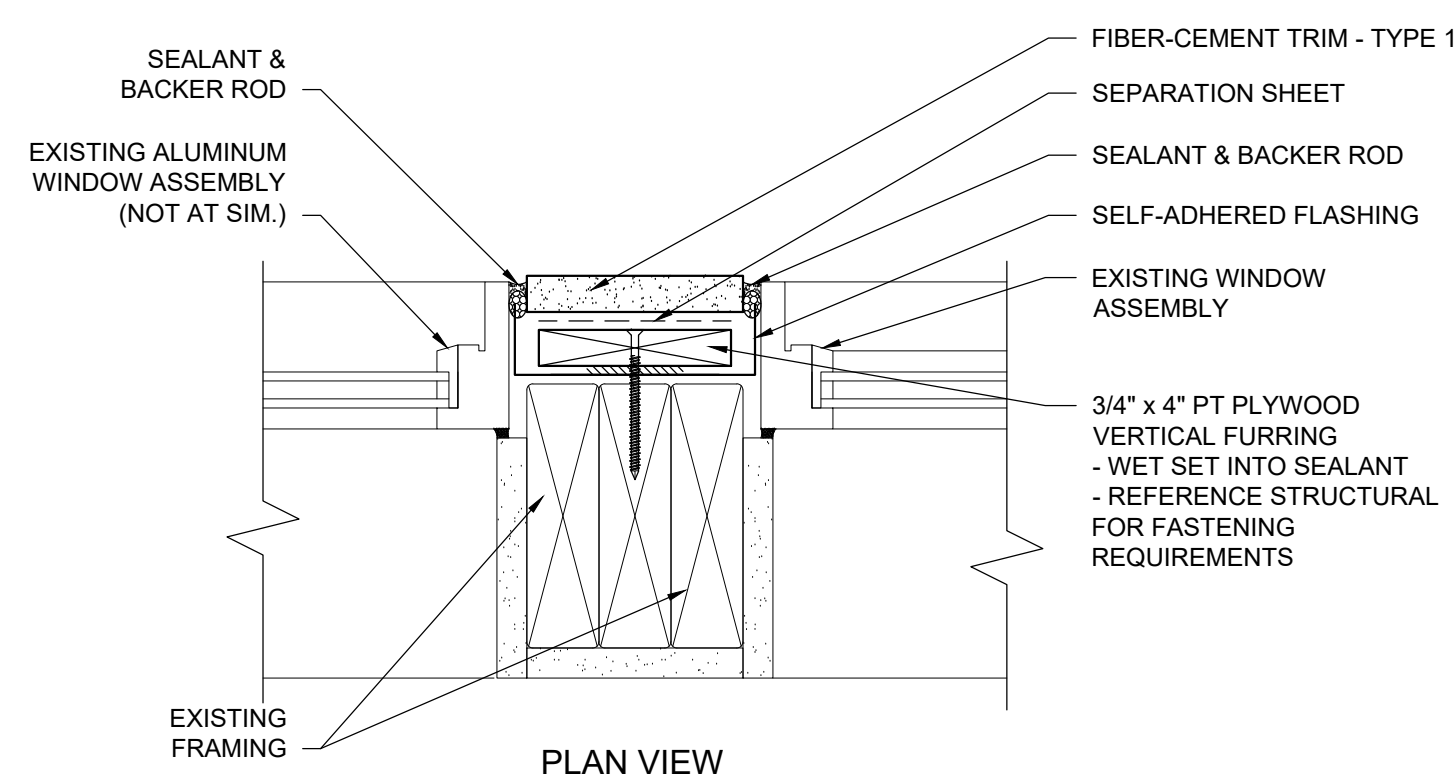
5 WINDOW JAMB
R204 SCALE: 3" = 1'-0"



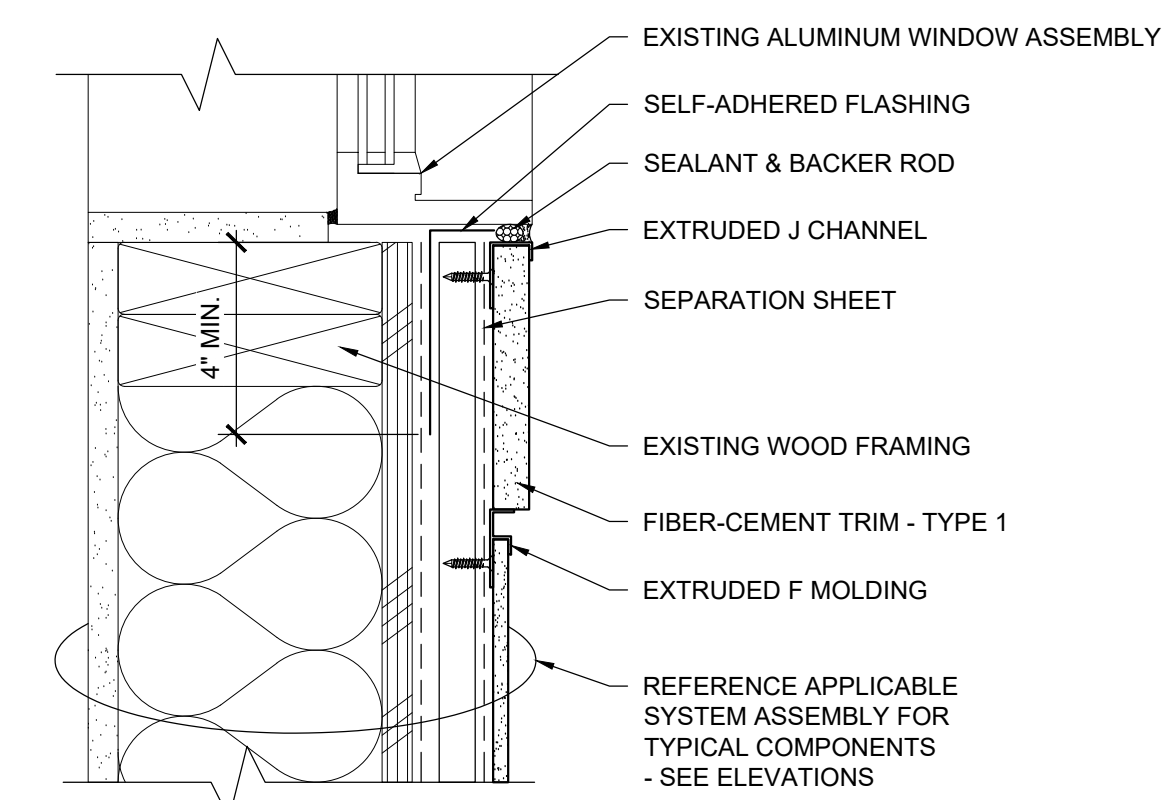
6 WINDOW HEAD
R204 SCALE: 3" = 1'-0"



7 CLADDING AT COVERED WALKWAY ROOF SIDEWALL
R204 SCALE: 3" = 1'-0"



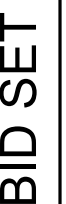
8 WINDOW JAMB AT MULLION
R204 SCALE: 3" = 1'-0"

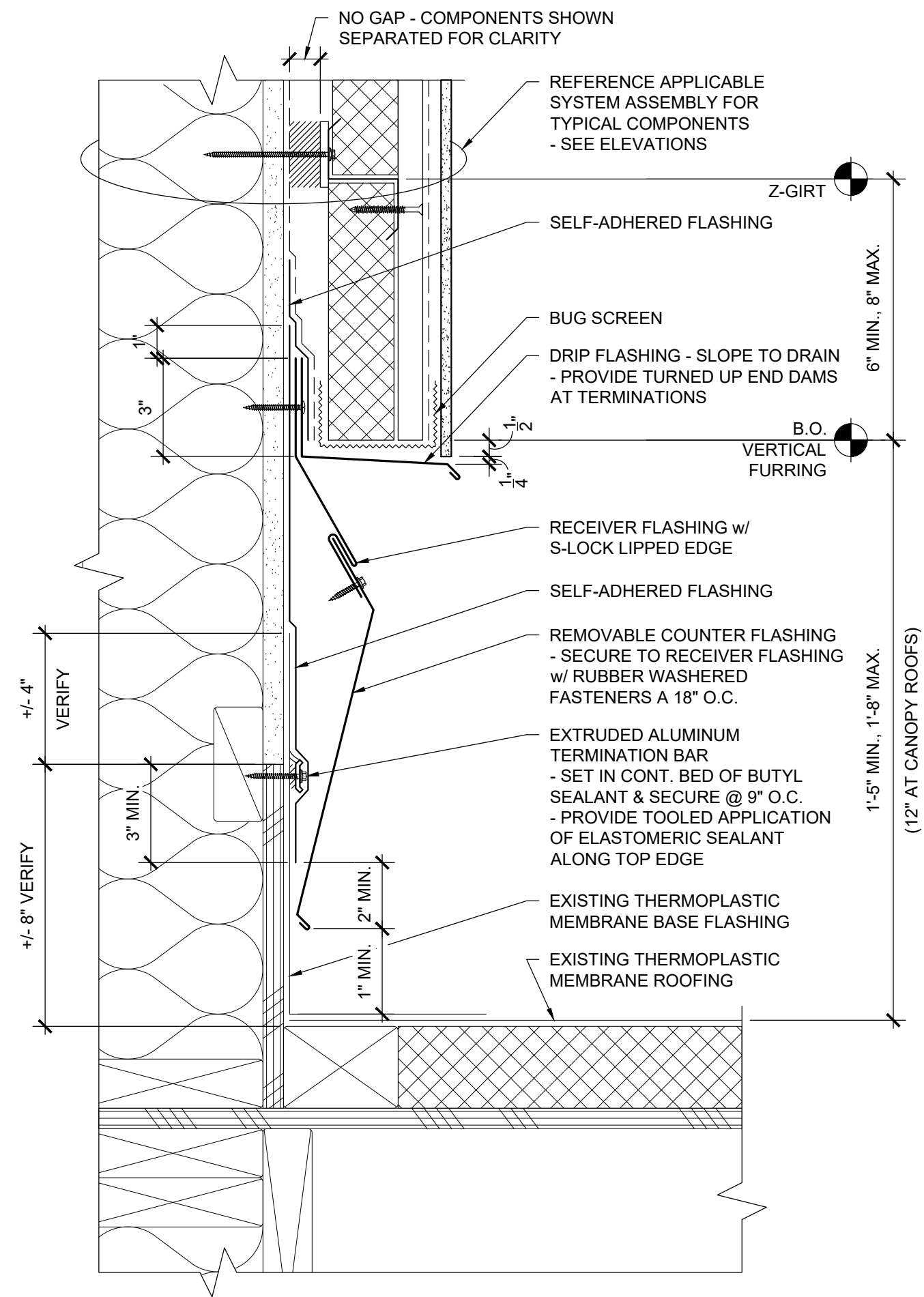


9 WINDOW SILL
R204 SCALE: 3" = 1'-0"

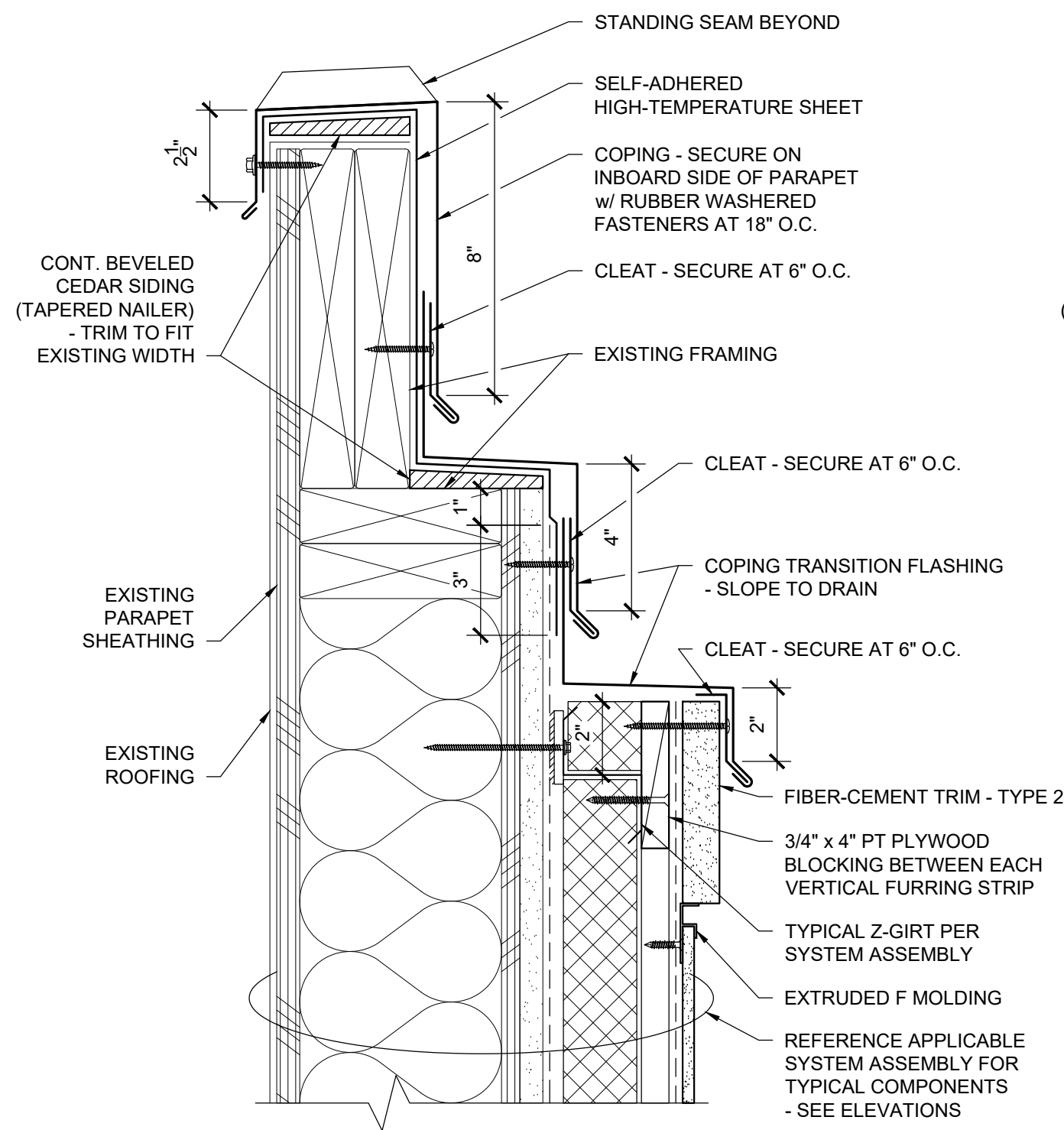


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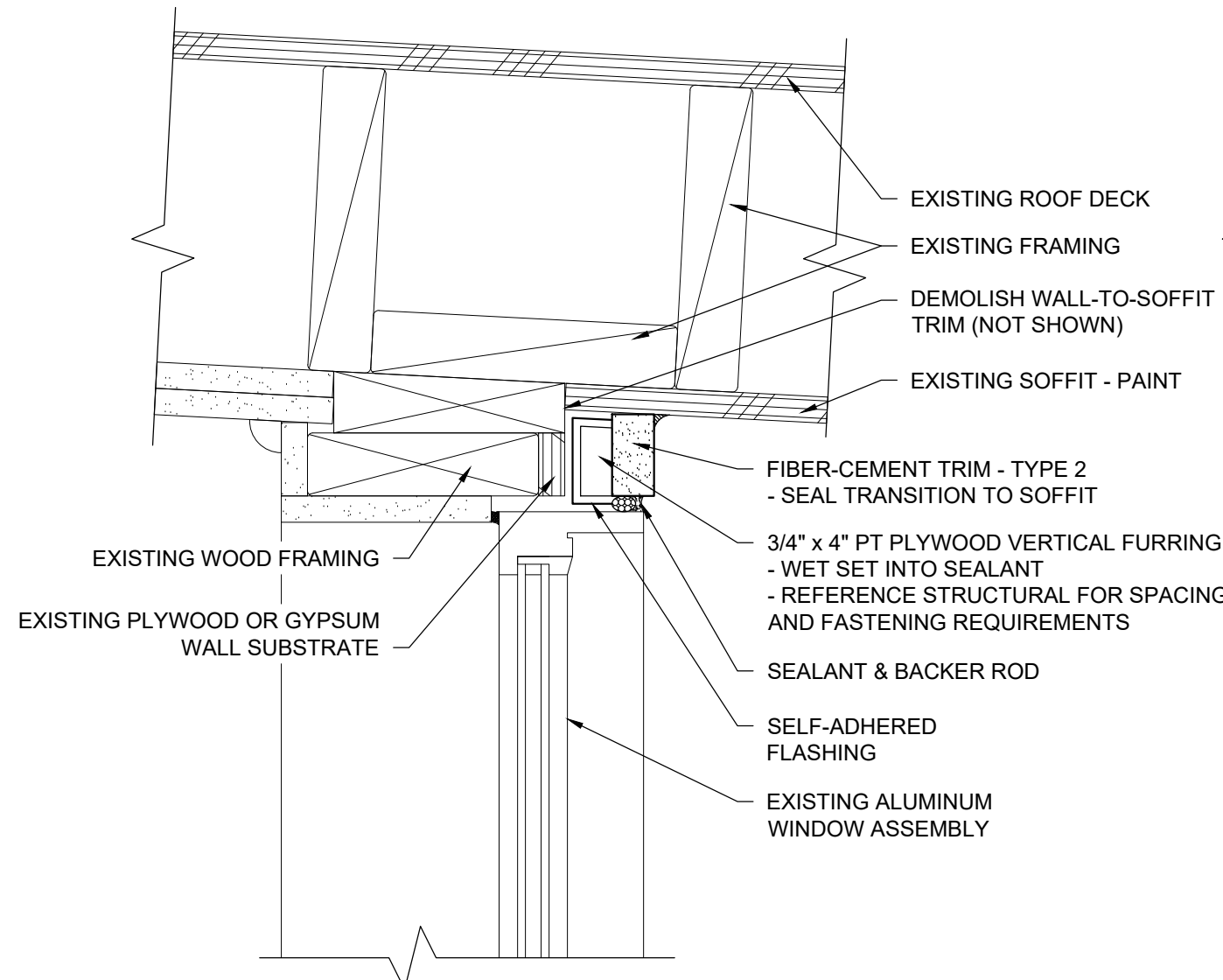




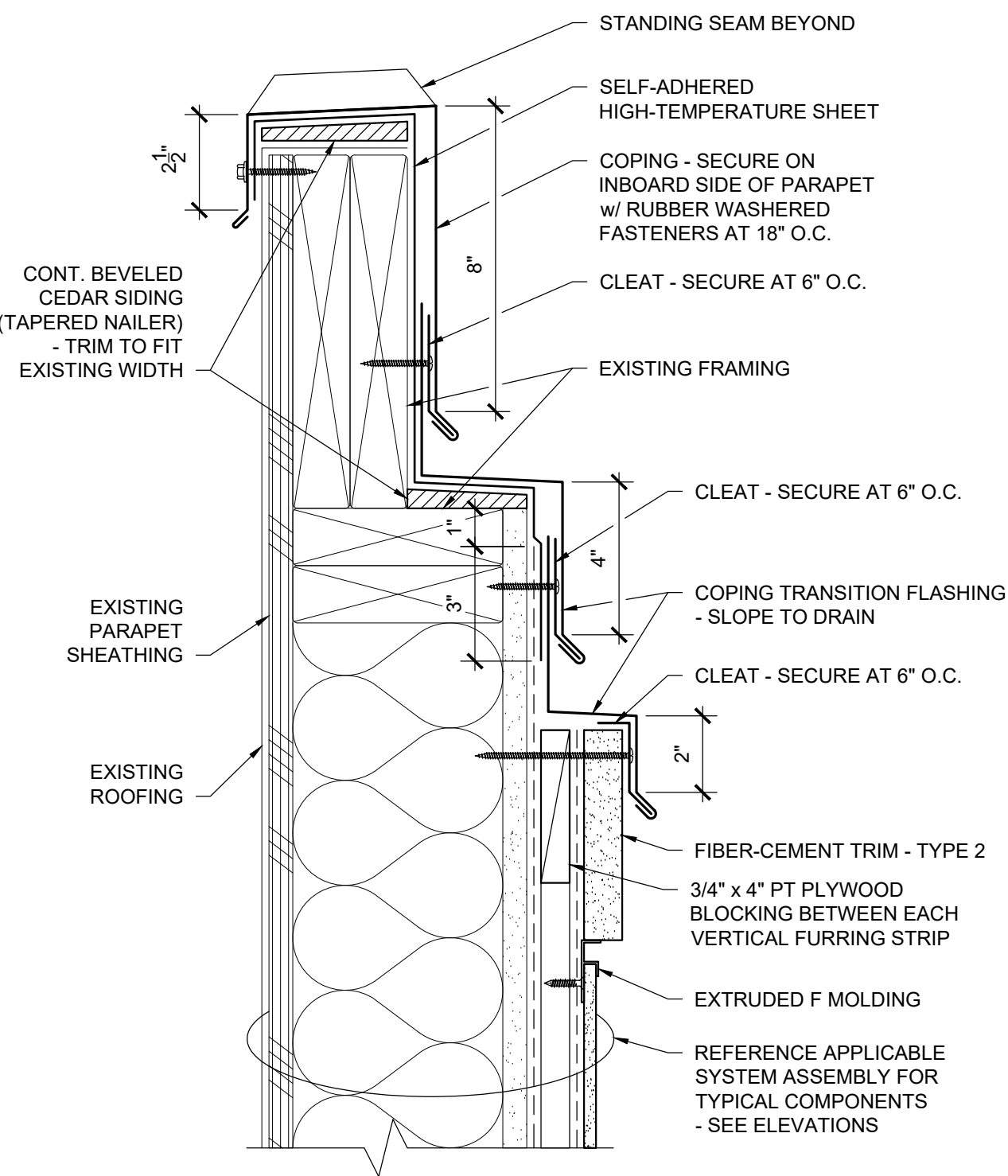
4
R206 **BASE OF CLADDING AT ROOF**
SCALE: 3" = 1'-0"



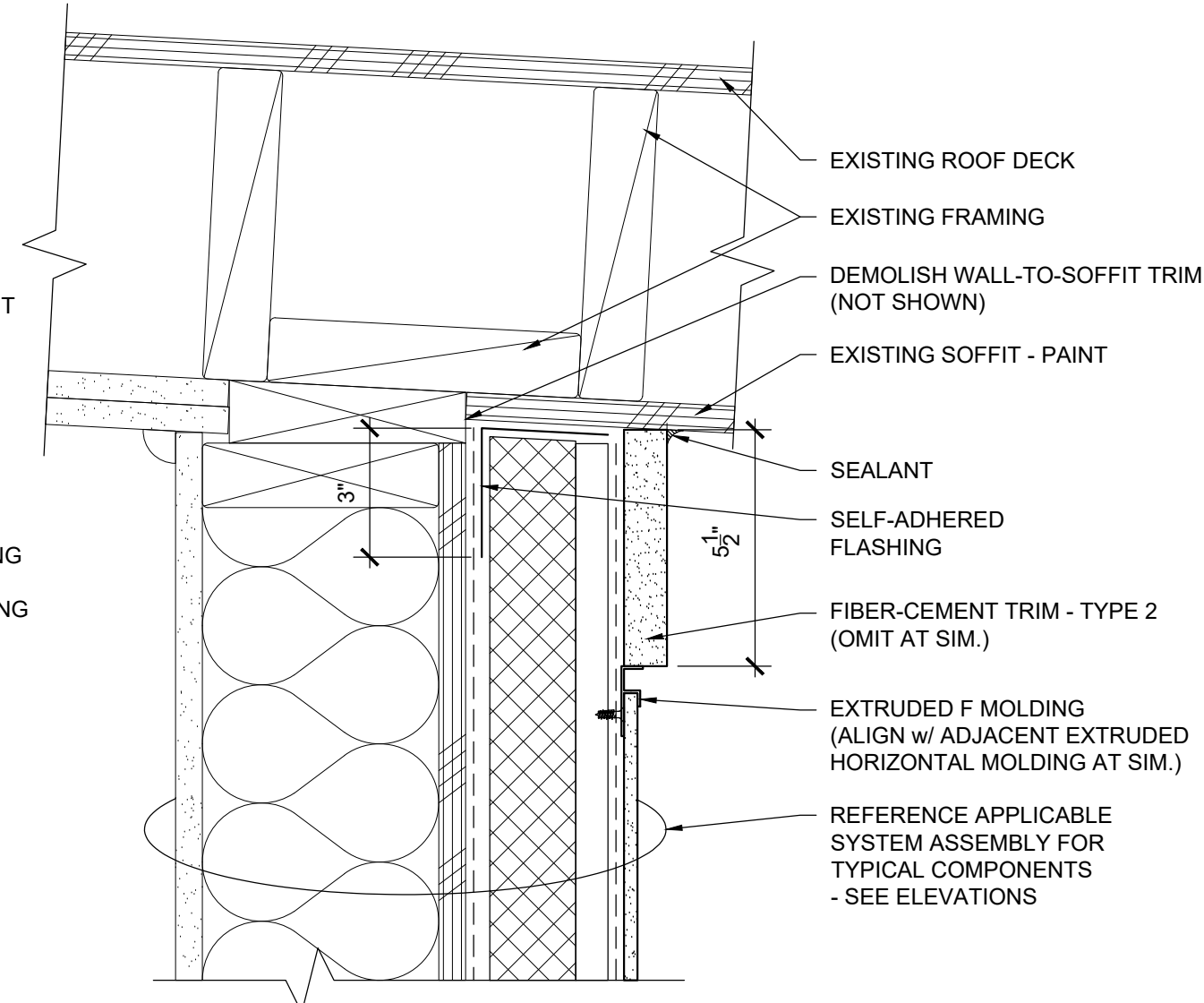
7
R206 **TOP OF WALL AT PARAPET - INSULATED**
SCALE: 3" = 1'-0"



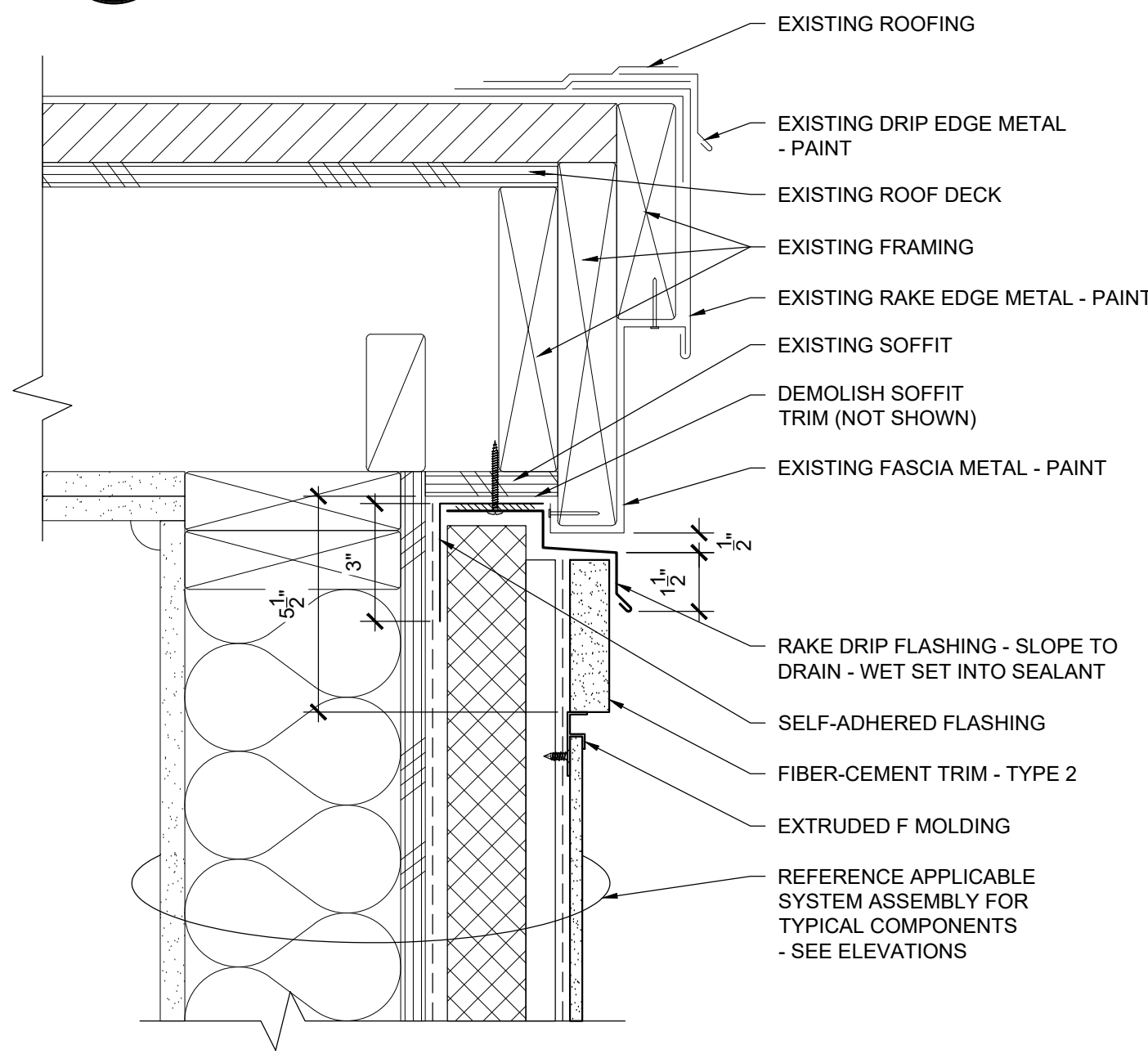
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R206 **WINDOW HEAD AT SOFFIT**
SCALE: 3" = 1'-0"



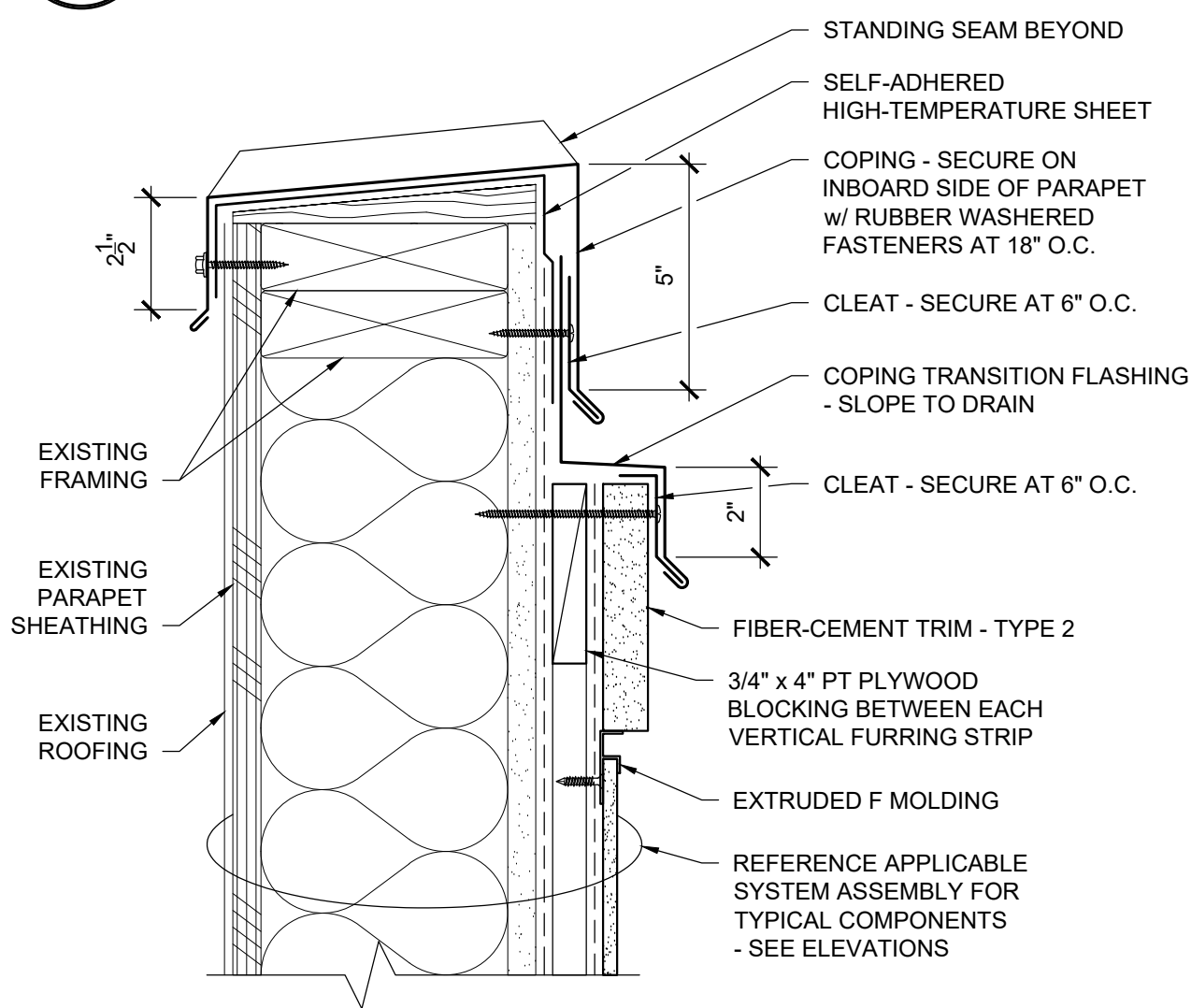
8
R206 **TOP OF WALL AT PARAPET - UNINSULATED**
SCALE: 3" = 1'-0"



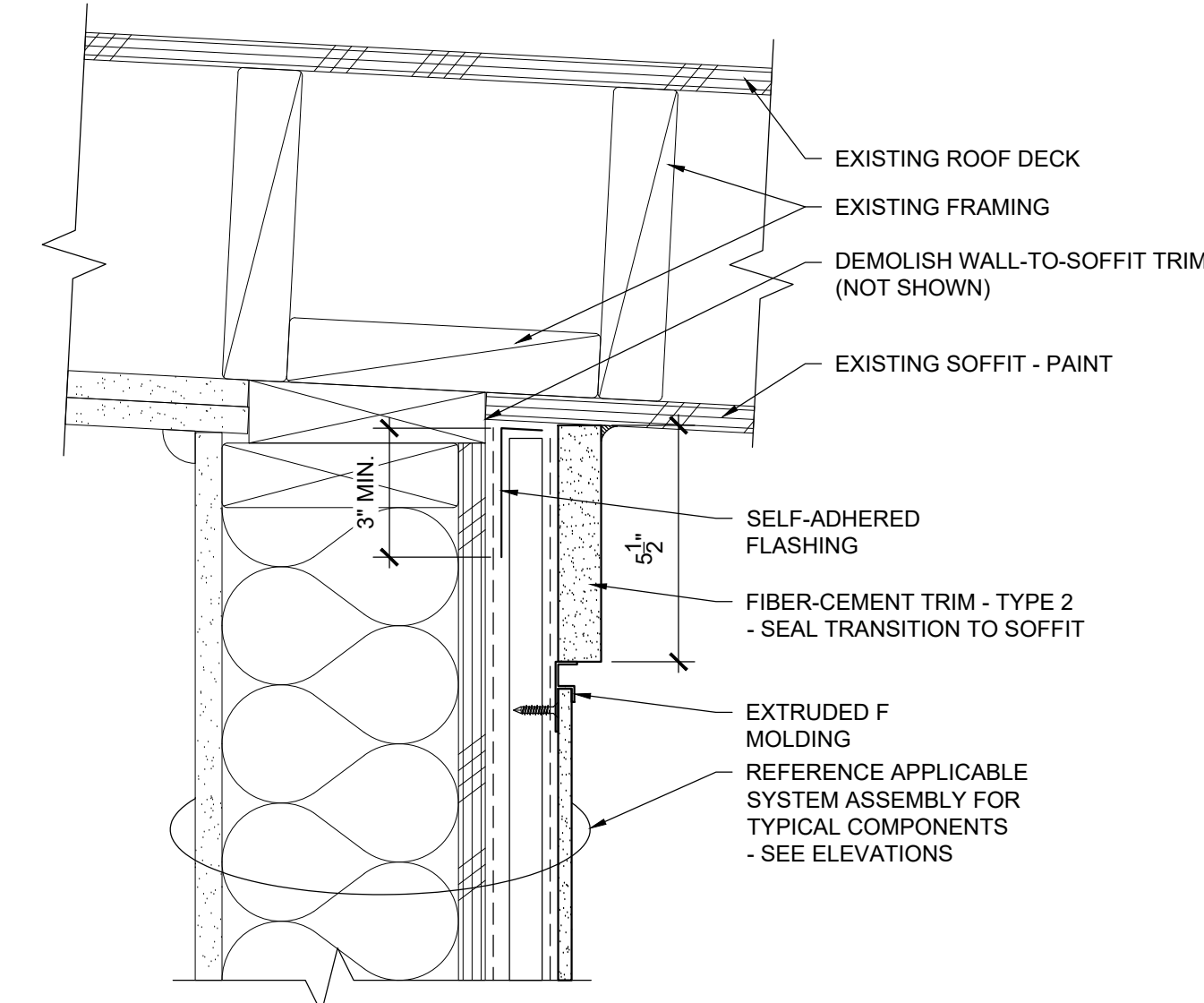
2
R206 **TOP OF WALL AT SOFFIT - INSULATED**
SCALE: 3" = 1'-0"



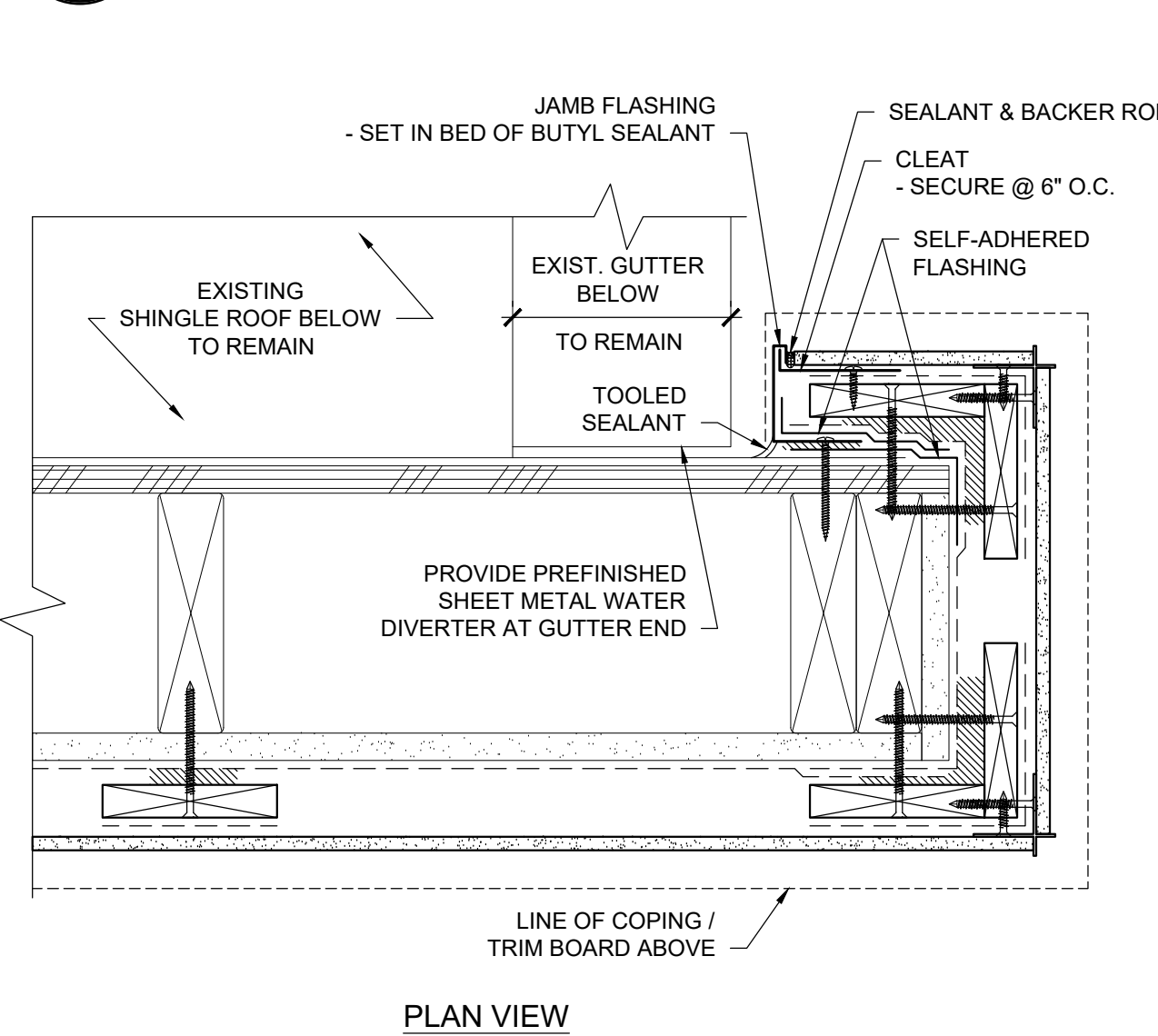
5
R206 **TOP OF WALL AT RAKE - INSULATED**
SCALE: 3" = 1'-0"



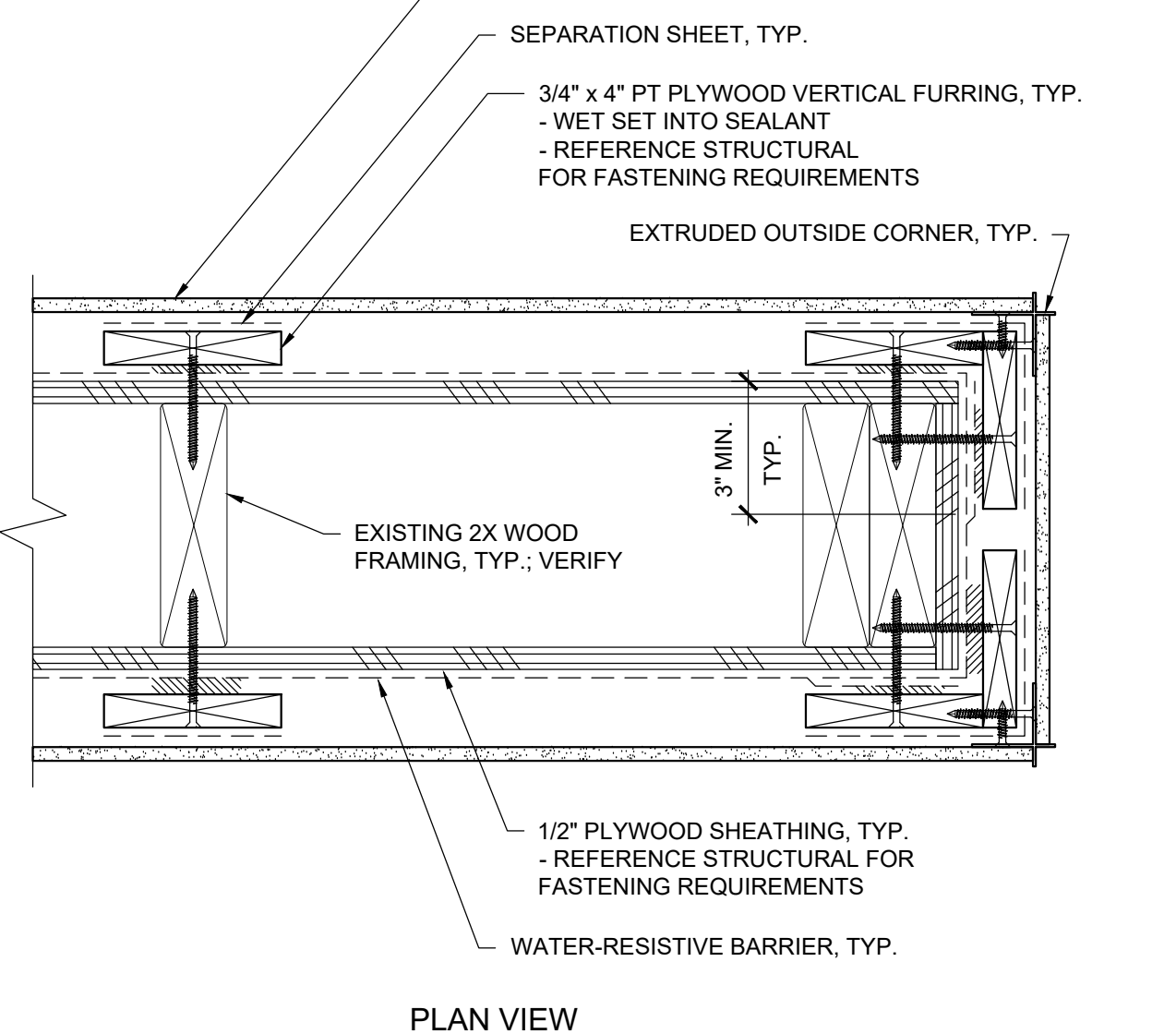
9
R206 **TOP OF WALL AT PARAPET - UNINSULATED**
SCALE: 3" = 1'-0"



3
R206 **TOP OF WALL AT SOFFIT - UNINSULATED**
SCALE: 3" = 1'-0"



6
R206 **PARAPET END AT COVERED WALKWAY**
SCALE: 3" = 1'-0"

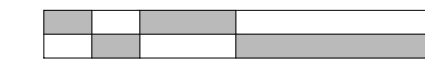


10
R206 **WALL END AT COVERED WALKWAY**
SCALE: 3" = 1'-0"

**KELSO SCHOOL DISTRICT
COWEEMAN MIDDLE SCHOOL
CLADDING REPLACEMENT**

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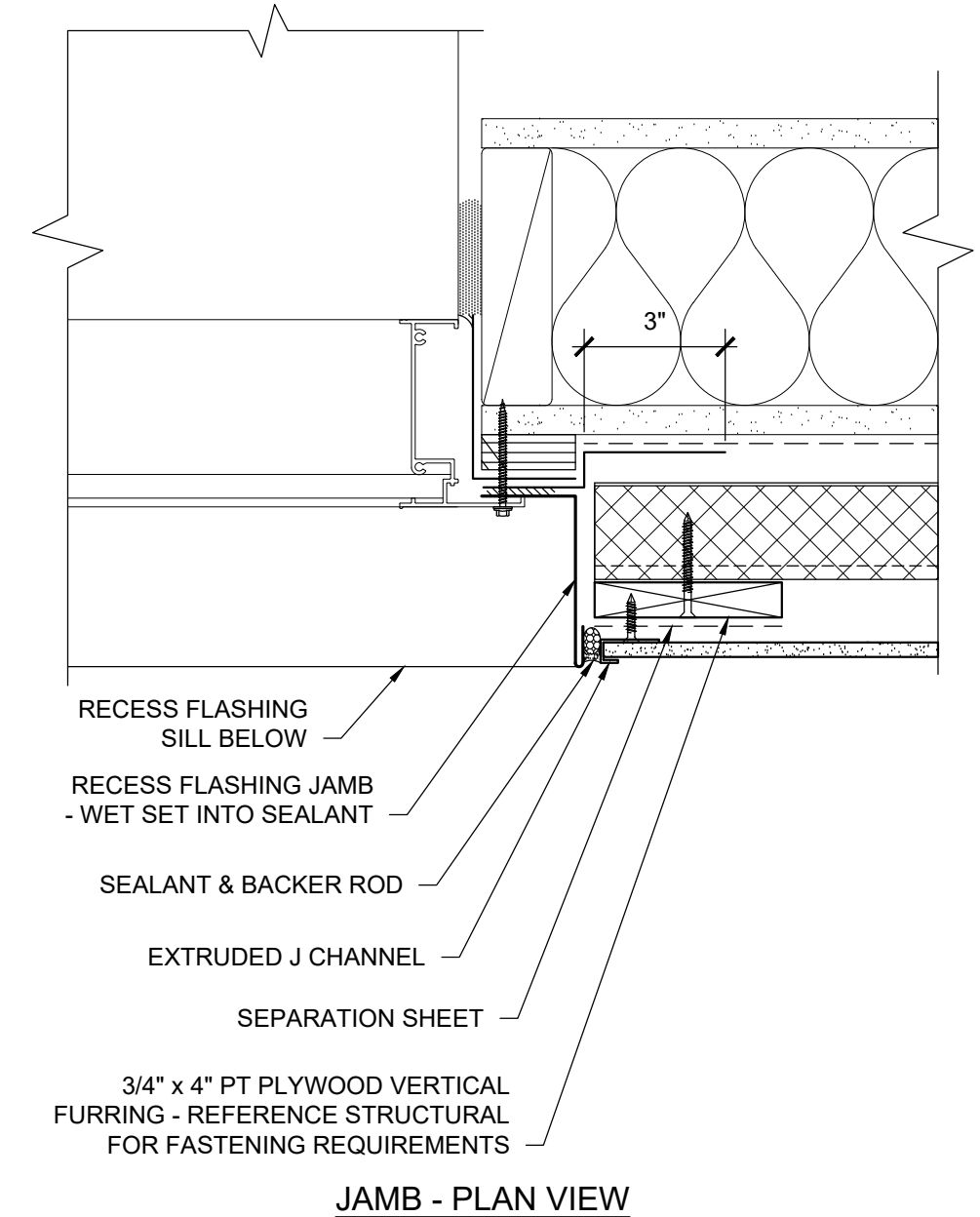
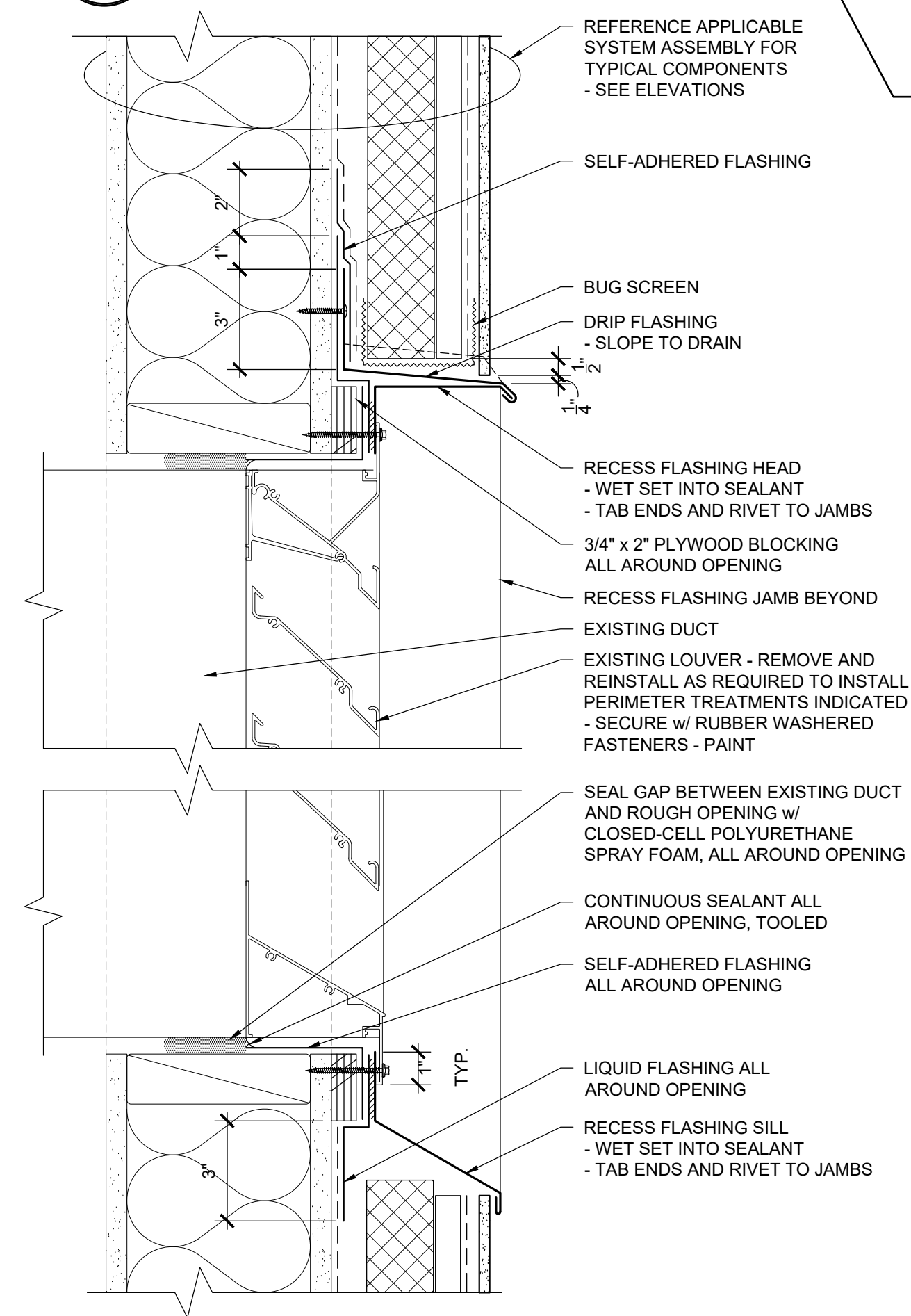
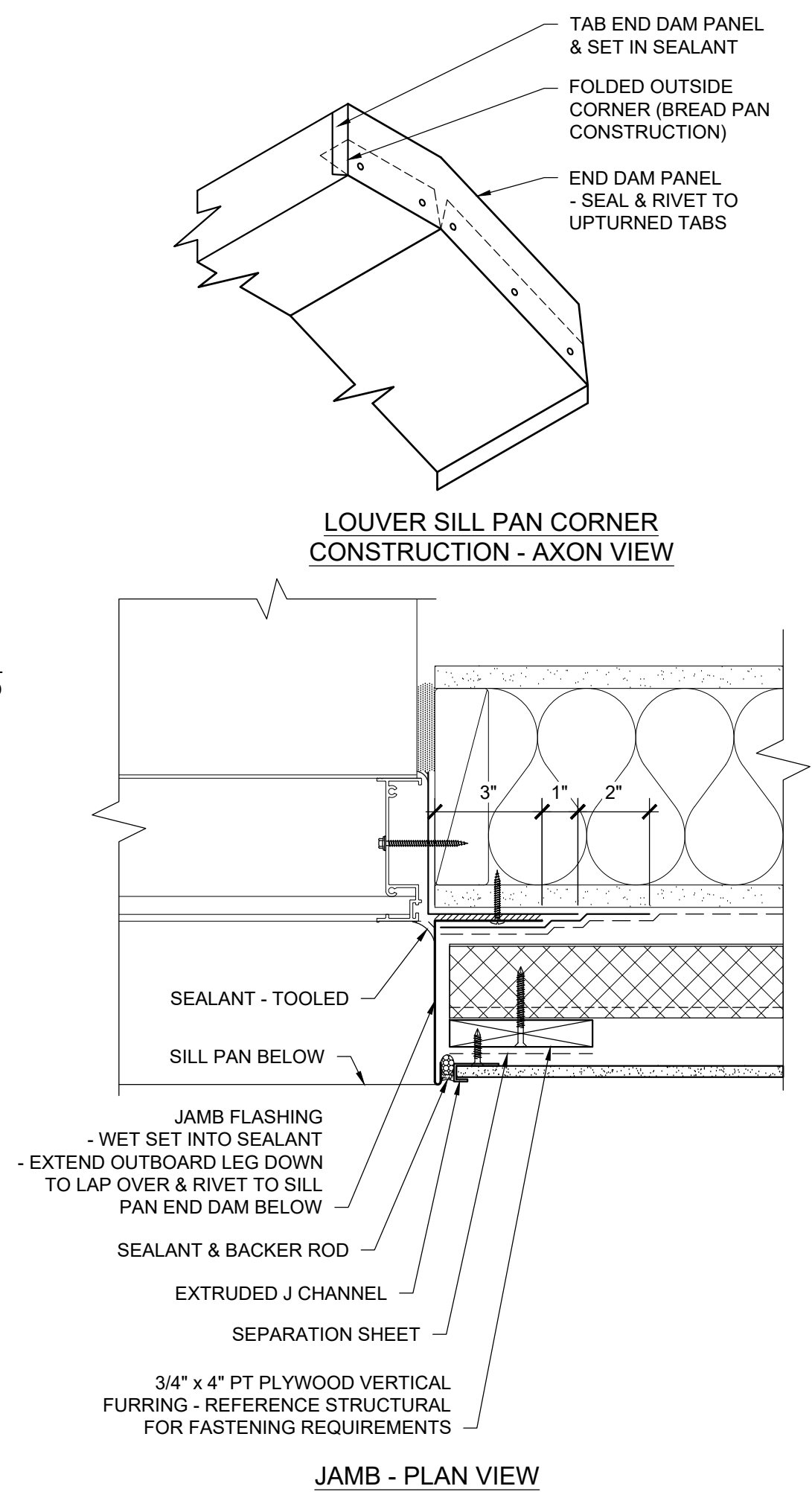
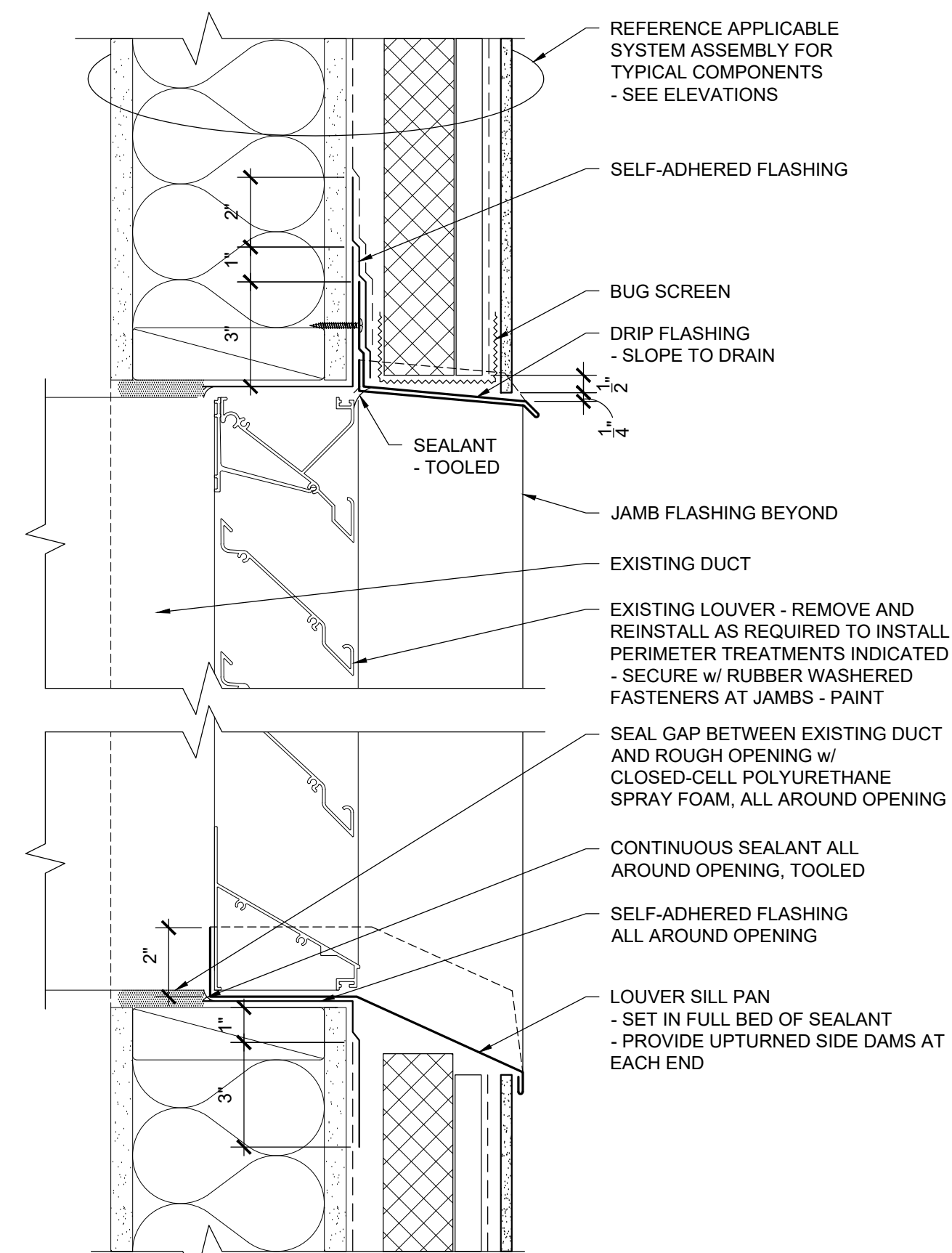
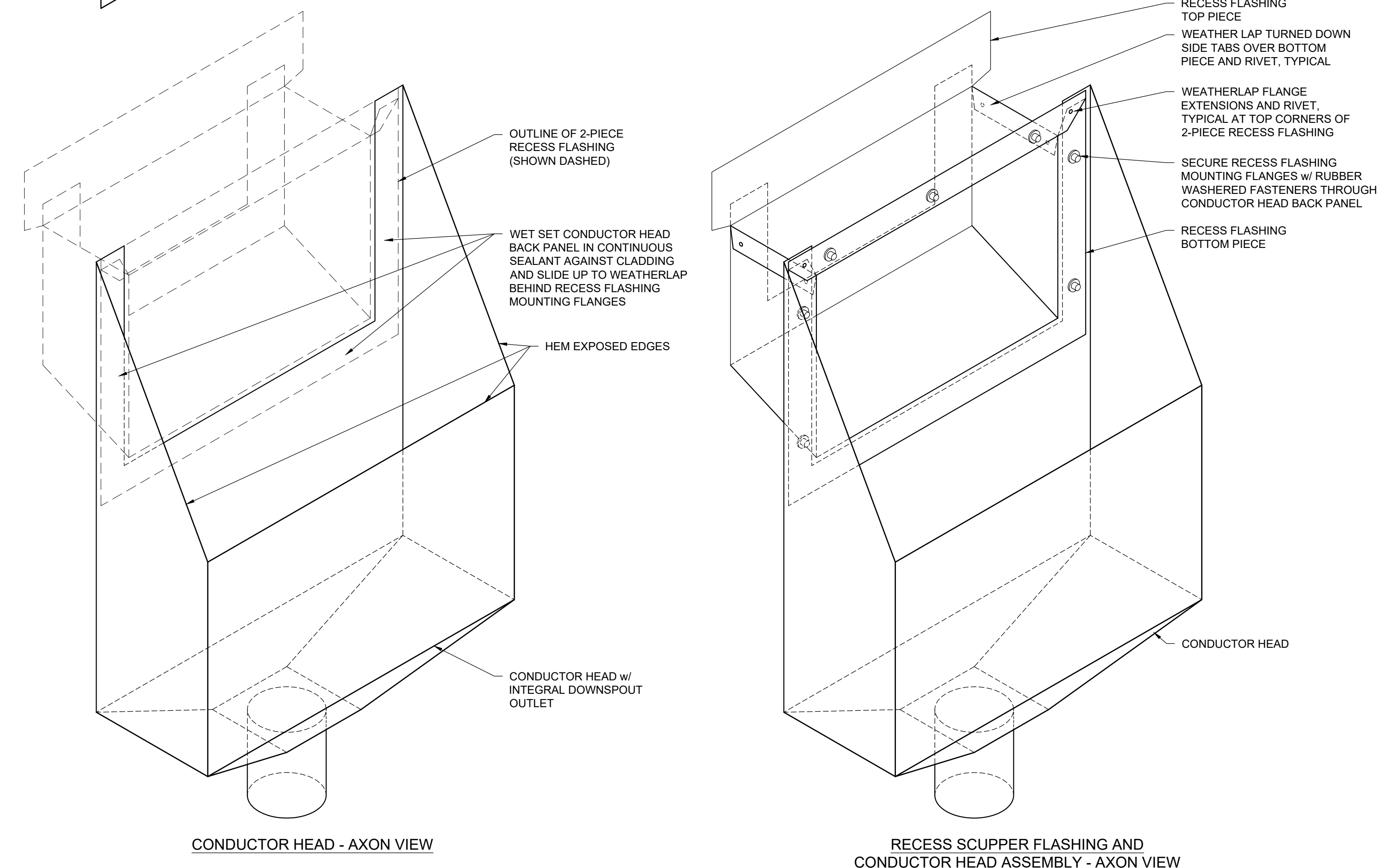
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R206

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COWEEMAN MIDDLE SCHOOL
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Date: JANUARY 2025

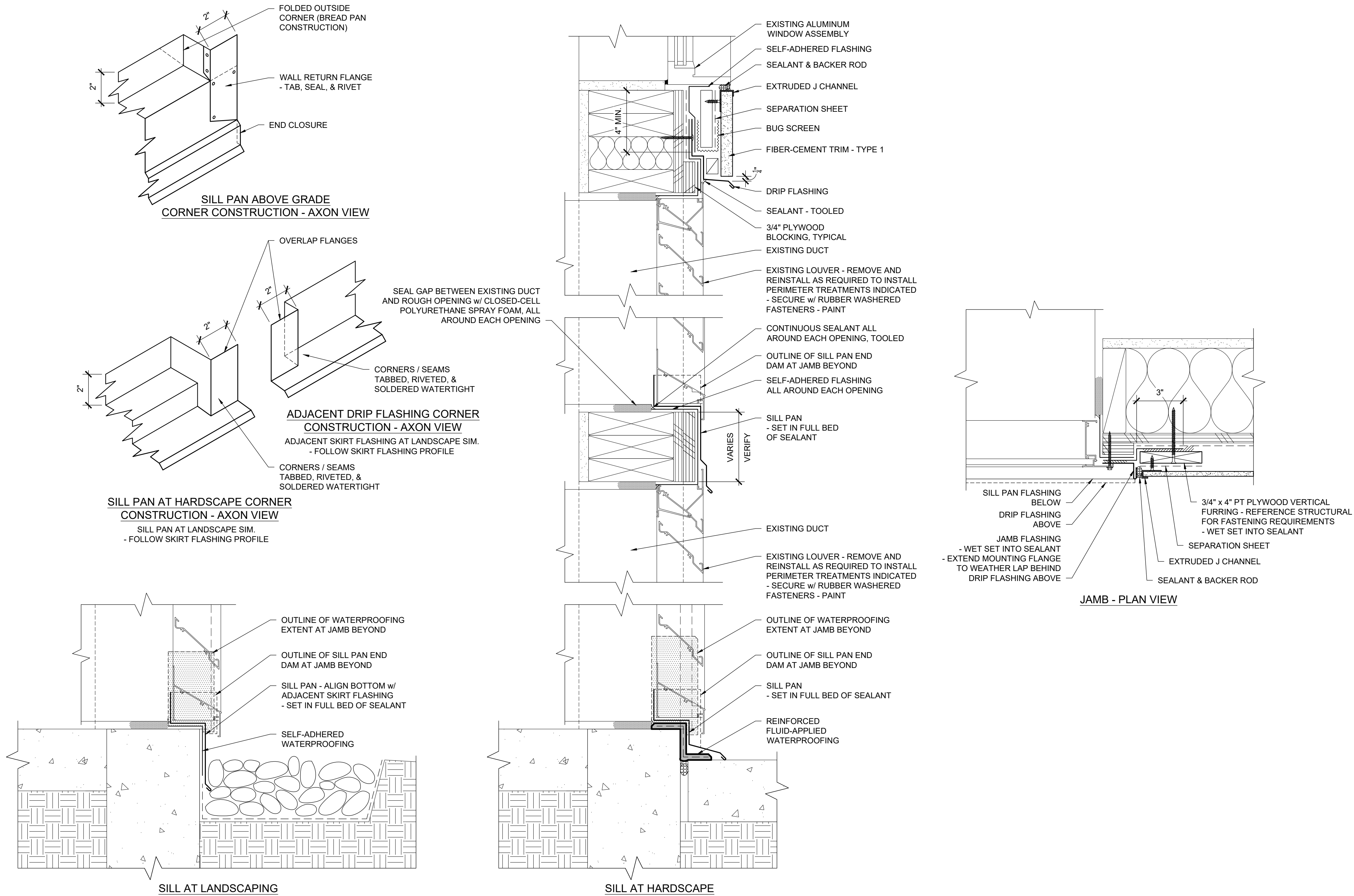
Revisions:

Drawn: RSB
Checked: TWB
File: R200-Details
PRC No.: R3383.04

Sheet No.:

R208

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1
R208 FLANGED LOUVER FLASHING AT WALL TYPE 1B (WALL TYPE 2B SIM.)
SCALE: 3" = 1'-0"

BID SET

GENERAL STRUCTURAL NOTES:

CODE REQUIREMENTS:
CONFORM TO THE 2018 INTERNATIONAL BUILDING CODE AS AMENDED BY THE WASHINGTON STRUCTURAL SPECIALTY CODE, REFERENCED HEREAFTER AS OSSC.

DESIGN CRITERIA:
DESIGN WAS BASED ON THE STRENGTH AND DEFLECTION CRITERIA OF THE IBC. IN ADDITION TO THE DEAD LOADS, THE FOLLOWING LOADS WERE USED FOR DESIGN:

GROUND SNOW LOAD Pg: 10 PSF
FLAT-ROOF SNOW LOAD Pf: 25 PSF
SNOW EXPOSURE FACTOR Ce: 1.0
SNOW IMPORTANCE FACTOR Ic: 1.10
THERMAL FACTOR Ct: 1.0

BASIC WIND SPEED (3-SEC GUST, ULTIMATE): 103 MPH
WIND IMPORTANCE FACTOR Iw:1.0
BUILDING CATEGORY: III
WIND EXPOSURE: B

SEISMIC IMPORTANCE FACTOR Ie: 1.25
SITE CLASS: D (DEFAULT)
SDS = 0.710
SEISMIC DESIGN CATEGORY: III

EXISTING CONDITIONS:
THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES FROM CONDITIONS SHOWN ON THE DRAWINGS PRIOR TO THE START OF THE WORK.

TEMPORARY CONDITIONS:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE NEW AND EXISTING STRUCTURES AND WALLS DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR STABILITY UNDER THE FINAL CONFIGURATION ONLY.

CARPENTRY:
SAWN LUMBER DESIGN IS BASED ON THE NATIONAL DESIGN SPECIFICATION, LATEST EDITION. SAWN LUMBER SHALL CONFORM TO WEST COAST LUMBER INSPECTION BUREAU OR WESTERN WOOD PRODUCTS ASSOCIATION GRADING RULES. UNLESS NOTED OTHERWISE ALL LUMBER SHALL BE 19% AT TIME OF FABRICATION AND DRIED TO A MAXIMUM OF 15% BEFORE INSTALLATION OF GYP. BOARD AND OF BRICK VENEER AND VERIFIED BY THE GENERAL CONTRACTOR. ALL WOOD IN PERMANENT CONTACT WITH CONCRETE OR CMU SHALL BE PRESSURE TREATED UNLESS AN APPROVED BARRIER IS PROVIDED. GRADES SHALL BE D.F. #2 OTHERWISE ON THE PLANS.

FRAMING ACCESSORIES AND STRUCTURAL FASTENERS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY (OR ENGINEER APPROVED EQUAL) AND OF THE SIZE AND TYPE SHOWN ON THE DRAWINGS AND ATTACHED PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS UNLESS NOTED OTHERWISE. HANGERS NOT SHOWN SHALL BE SIMPSON HU OF SIZE RECOMMENDED FOR MEMBER. ALL FRAMING NAILS SHALL BE COMMON NAILS. NO BOX NAILS ALLOWED. FASTENERS AND ACCESSORIES IN CONTACT WITH PRESERVATIVE TREATED WOOD MUST BE HOT DIPPED GALVANIZED OR HAVE ZMAX COATING. ALL FASTENERS IN CONTACT WITH FIRE RETARDANT LUMBER MUST BE HOT-DIPPED GALVANIZED.

METALS:
ALL MISCELLANEOUS STEEL: ASTM A36 (Fy=36,000 PSI), OR AS NOTED ASTM A572 (Fy=50 KSI).
ALL BOLTS: ASTM A307 UNLESS NOTED OTHERWISE.
ALL STEEL TO HAVE SHOP COAT.
ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIP GALVANIZED PER ASTM 123 FOR STRUCTURAL STEEL AND ASTM 153 FOR BOLTS AND HARDWARE. FABRICATION OF STEEL THAT IS TO BE HOT DIP GALVANIZED SHALL ALSO MEET ASTM A385. REPAIR OF DAMAGED GALVANIZED COATING SHALL BE MADE WITH PRODUCTS MEETING ASTM A780 AND AS A MINIMUM SHALL BE 50% GREATER IN THICKNESS THAN THE SURROUNDING GALVANIZING.

COLD-FORMED STEEL:
THE DESIGN, INSTALLATION AND CONSTRUCTION OF COLD-FORMED CARBON OR LOW-ALLOY STEEL, STRUCTURAL AND NON-STRUCTURAL FRAMING, SHALL BE IN ACCORDANCE WITH THE MOST CURRENT STANDARDS FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS, AISI.

LIGHT-GAGE STEEL COMPONENTS SHALL HAVE THE FOLLOWING MINIMUM DESIGN STRENGTH UNLESS OTHERWISE NOTED IN THE PLANS:
Fy=50,000 PSI FOR 54 AND 68 MIL.
Fy=33,000 PSI FOR 18 THROUGH 43 MIL.

FASTENING OF COMPONENTS SHALL BE WITH #8 SELF DRILLING SCREWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. PENETRATION OF ALL SCREWS THROUGH JOINED MATERIALS SHOULD NOT BE LESS THAN 3 EXPOSED THREADS. INSTALLED AND TIGHTENED IN ACCORDANCE WITH THE SCREW MANUFACTURER'S RECOMMENDATIONS. THE MINIMUM REQUIRED SCREW STRENGTH SHALL BE THE AVERAGE NOMINAL SHEAR AND TENSION STRENGTH LISTED IN CFSEI TECH NOTE F701-12 FOR THE SIZE OF SCREW SPECIFIED. WHERE MULTIPLE SCREWS ARE USED THEY SHALL HAVE A CENTER-TO-CENTER SPACING OF AT LEAST 3 TIMES THE SCREW DIAMETER U.N.O. SCREWS SHALL BE LOCATED AWAY FROM ANY STEEL EDGES A MINIMUM OF 1.5 TIMES THE SCREW DIAMETER U.N.O.

MECHANICAL:
THE CONTRACTOR SHALL COORDINATE SEISMIC RESTRAINTS OF ELECTRICAL EQUIPMENT, MECHANICAL, PLUMBING, FIRE SPRINKLER, MACHINERY, AND ASSOCIATED PIPING WITH THE STRUCTURE. ANY CONNECTIONS TO STRUCTURE NOT CONFORMING TO SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA), OR SPECIFICALLY DETAILED ON THE MECHANICAL ENGINEER'S DRAWINGS, SHALL BE DESIGNED IN ACCORDANCE OF THESE GENERAL NOTES, BY AN ENGINEER REGISTERED IN THE STATE OF WASHINGTON, AND SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FABRICATION.

FLASHING AND WATERPROOFING:
ALL FLASHING AND WATERPROOFING SHALL BE PER PROFESSIONAL ROOF CONSULTANTS UNLESS NOTED OTHERWISE ON THE PLANS.

INSPECTION:
SPECIAL INSPECTIONS: IN ACCORDANCE WITH SECTION 1704 OF THE IBC AND APPLICABLE SECTIONS OF THE PROJECT SPECIFICATIONS. SPECIAL INSPECTIONS ARE TO BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY EMPLOYED BY THE OWNER FOR THE FOLLOWING AREAS:

1. NONE

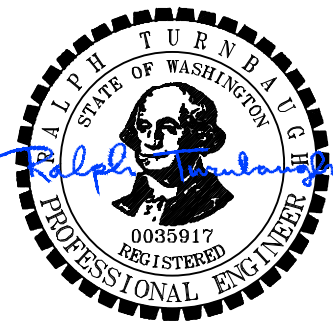
THE CONTRACTOR AND SPECIAL INSPECTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY ITEM NOT COMPLYING WITH THE PROJECT SPECIFICATIONS AND/OR APPLICABLE CODES BEFORE PROCEEDING WITH ANY WORK INVOLVING THAT ITEM. THE ENGINEER OF RECORD WILL REVIEW THE ITEM AND DETERMINE ACCEPTABILITY. IF WORK INVOLVING THAT ITEM PROCEEDS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD THEN THE WORK WILL BE CONSIDERED NON-COMPLIANT.

GYPSUM WALLBOARD, WOOD STUDS			
GA FILE NO. WP 3614		GENERIC	1 HOUR FIRE
FIRE DESIGN: ONE LAYER 5⁄8" TYPE 'X' GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2x4 WOOD STUDS @ 1'-4" O/C WITH 1 1⁄4" TYPE 'W' SCREWS @ 1'-0" O/C.			
JOINTS STAGGERED 1'-6" ON OPPOSITE SIDES. (LOAD BEARING).		THICKNESS:	4 3⁄4" (FIRE)
		APPROX. WEIGHT:	7 PSF (FIRE)
		FIRE TEST:	SWRI 01-4511-619[1], 3-94


X:_GA FILE NO. WP 3614

GYPSUM WALLBOARD, WOOD STUDS			
GA FILE NO. WP 4136		GENERIC	2 HOUR FIRE
GYPSUM WALLBOARD, WOOD STUDS			
FIRE DESIGN: BASE LAYER 5⁄8" TYPE 'X' GYPSUM WALLBOARD OR VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2x4 WOOD STUDS @ 1'-4" O/C WITH 1 1⁄4" TYPE 'W' SCREWS @ 1'-0" O/C. FACE LAYER 5⁄8" TYPE 'X' GYPSUM WALLBOARD OR VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE WITH 1 1⁄8" TYPE 'W' SCREWS @ 1'-0" O/C AND OFFSET 6" FROM SCREWS IN BASE LAYER.			
JOINTS STAGGERED 1'-6" EACH LAYER AND SIDE. (LOAD BEARING).		THICKNESS:	6" (FIRE)
		APPROX. WEIGHT:	9 PSF (FIRE)
		FIRE TEST:	SWRI 01-5920-614, 12-5-94

X:_GA FILE NO. WP 4136



EXPIRES 2/24/2026



T.M. RIPPEY
CONSULTING ENGINEERS

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Tigard, Oregon 97223
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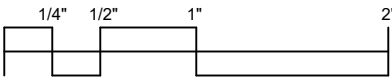
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ROOF
CONSULTANTS INC

606 SE 9th Avenue
Portland, Oregon 97214
P: (503) 280-8759 | F: (503) 280-8866

KELSO SCHOOL DISTRICT
COWEEMAN MIDDLE SCHOOL
CLADDING REPLACEMENT

Sheet Title:
STRUCTURAL GENERAL NOTES

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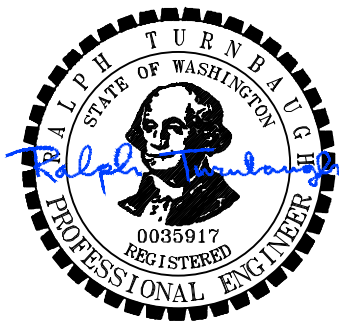
Revisions:

Drawn: JSC
Checked: RNT

TMR No.: 24002.02

Sheet No.:

S001



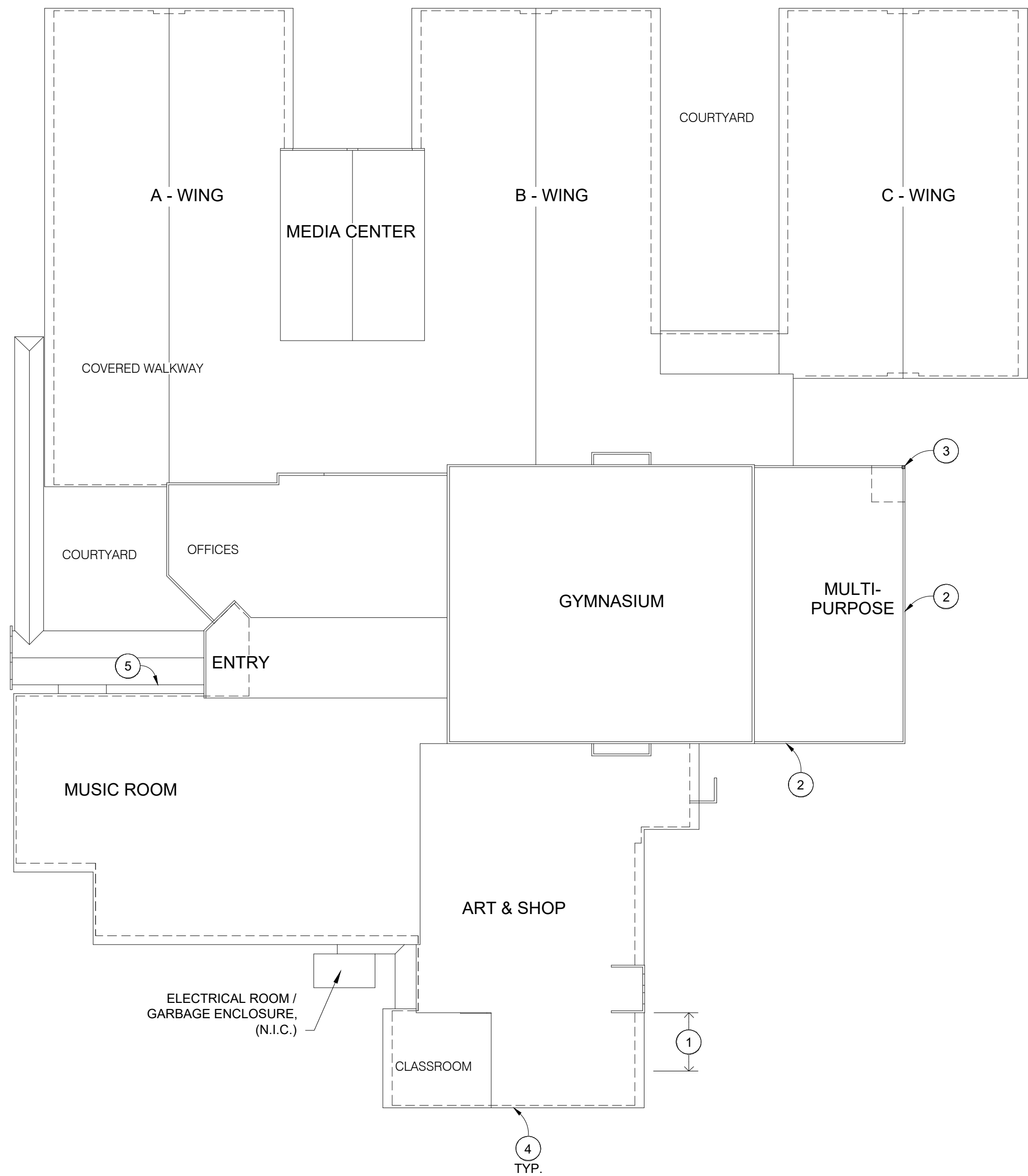
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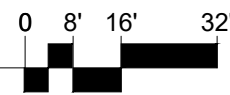
**KELSO SCHOOL DISTRICT
COWEEMAN MIDDLE SCHOOL
CLADDING REPLACEMENT**



1
S101

STRUCTURAL EXTERIOR WALL REPAIR KEY PLAN

SCALE: 1/32" = 1'-0"



STRUCTURAL EXTERIOR WALL REPAIR KEY PLAN KEYNOTES:

- APPROXIMATE EXTENT OF CONCRETE STEM WALL REPAIR, SEE DETAIL 1/S201.
- APPROXIMATE LOCATION OF TJI WALL STUD REPAIR. EXTENT OF REPAIR TO BE DETERMINED UPON REMOVAL OF WALL SIDING, SEE DETAIL 5/S201.
- BOX COLUMN REPAIR, SEE DETAIL 7/S201.
- DEMO ALL DETERIORATED PLYWOOD SHEATHING, TYPICAL AT PERIMETER OF BUILDING A MINIMUM OF 24" ABOVE STEM WALL OR SLAB. REPLACE WITH NEW 1/2" EXP 1 PLYWOOD SHEATHING, SEE DETAIL 1/S201, SIMILAR.
- #16 GAGE A304 STAINLESS STEEL LEDGER FOR EXTENT OF EXISTING SKYLIGHT, SEE DETAIL 7/S201.

NOTES:

- VERIFY ALL CONDITIONS WITH PRC. DIMENSIONS NOT SHOWN ARE PER APPROVED PRC DRAWINGS. RESOLVE ANY DISCREPANCIES WITH THE PRC PRIOR TO BIDDING OR CONSTRUCTION.

WALL CLADDING WIND LOADS

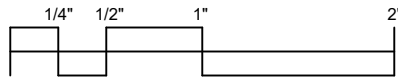
WALL (psf)	
ZONE 4	ZONE 5
21.4	27.2

NOTES:

- CODE: ASCE 7-16 CH. 30.
- BASIC WIND SPEED (3-SEC. GUST) = 115 MPH
- RISK CATEGORY: III
- WIND EXPOSURE: B
- LOADS ARE AT ULTIMATE (LRFD) LEVEL. MULTIPLY VALUES BY 0.6 TO OBTAIN ALLOWABLE STRESS (ASD) LEVEL LOADS.
- VALUES BASED ON TRIBUTARY AREA OF 10 SQ. FT.
- CORNER ZONE 5 EXTENDS 15'-0" MINIMUM FROM ALL EXTERIOR CORNERS.

Sheet Title:
STRUCTURAL EXTERIOR WALL
REPAIR KEY PLAN

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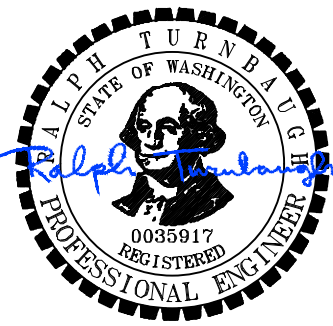
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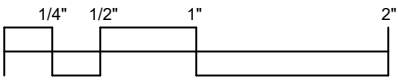
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Sheet Title:
STRUCTURAL EXTERIOR WALL
REPAIR DETAILS

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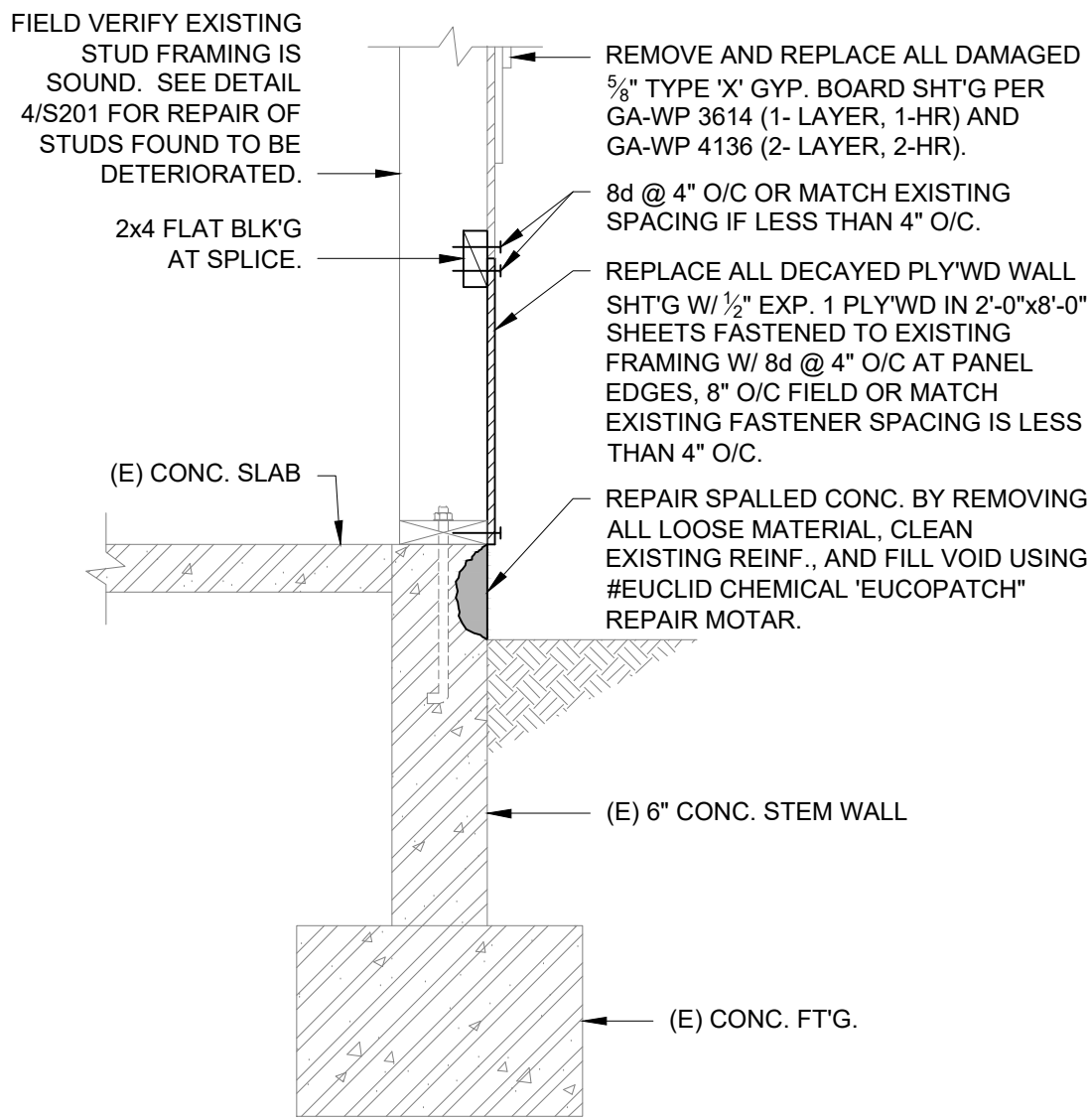
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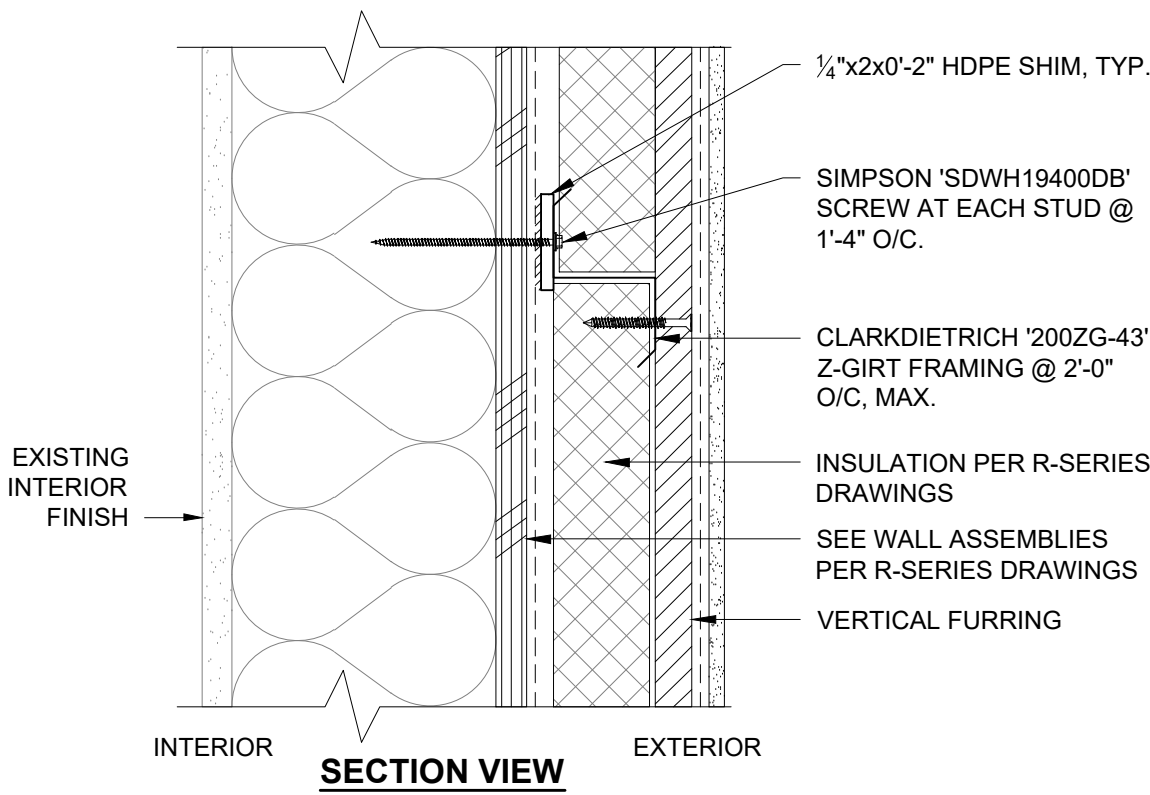
S201

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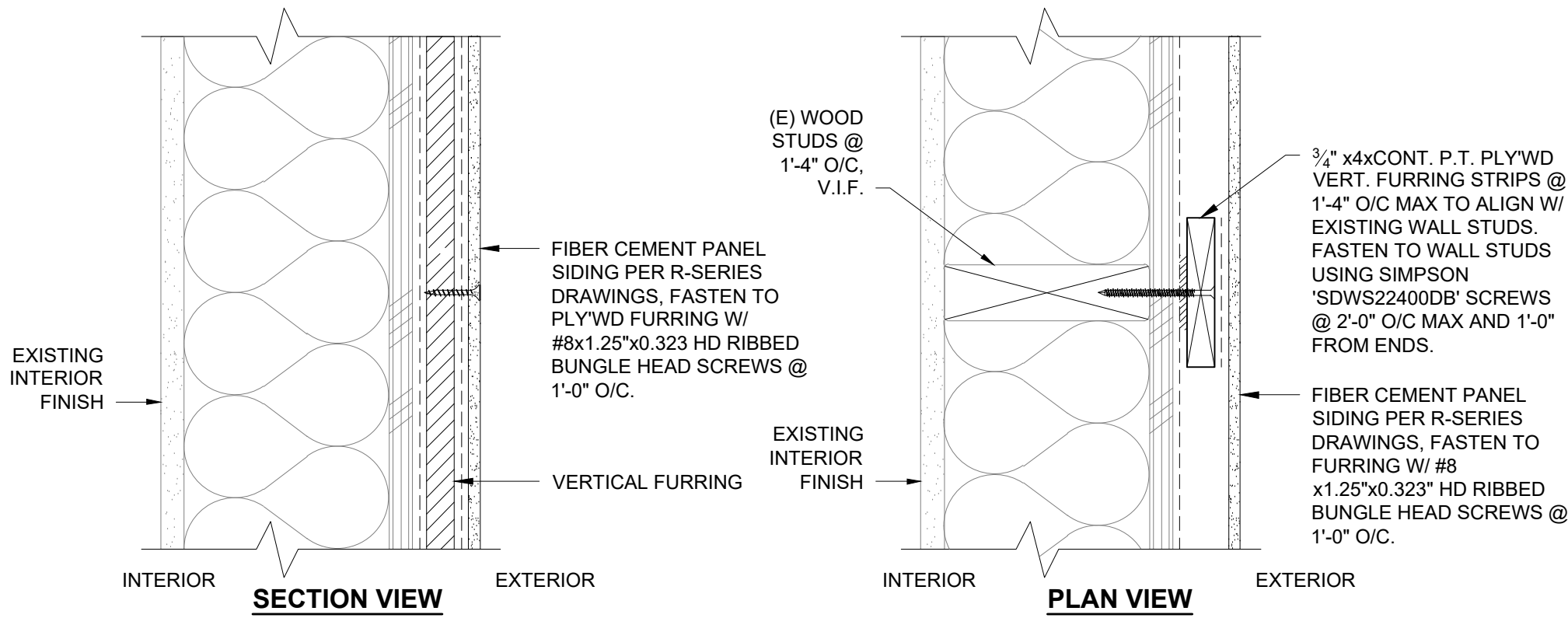
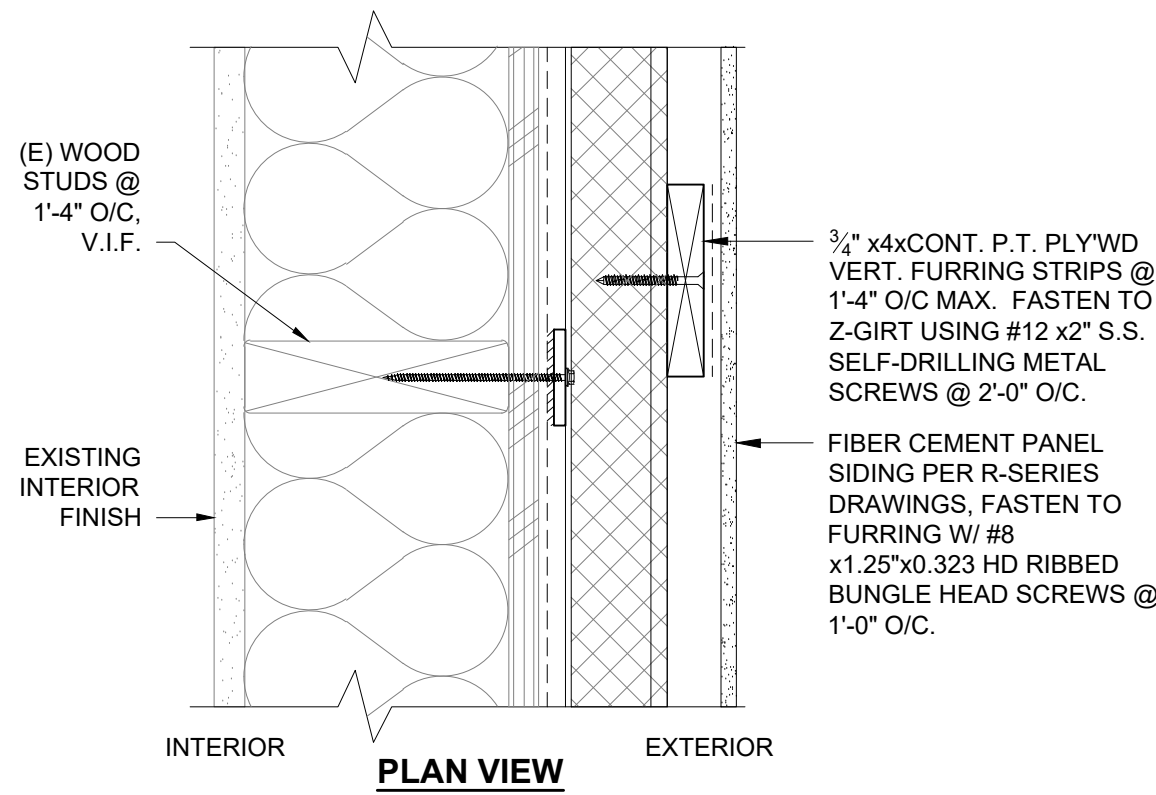
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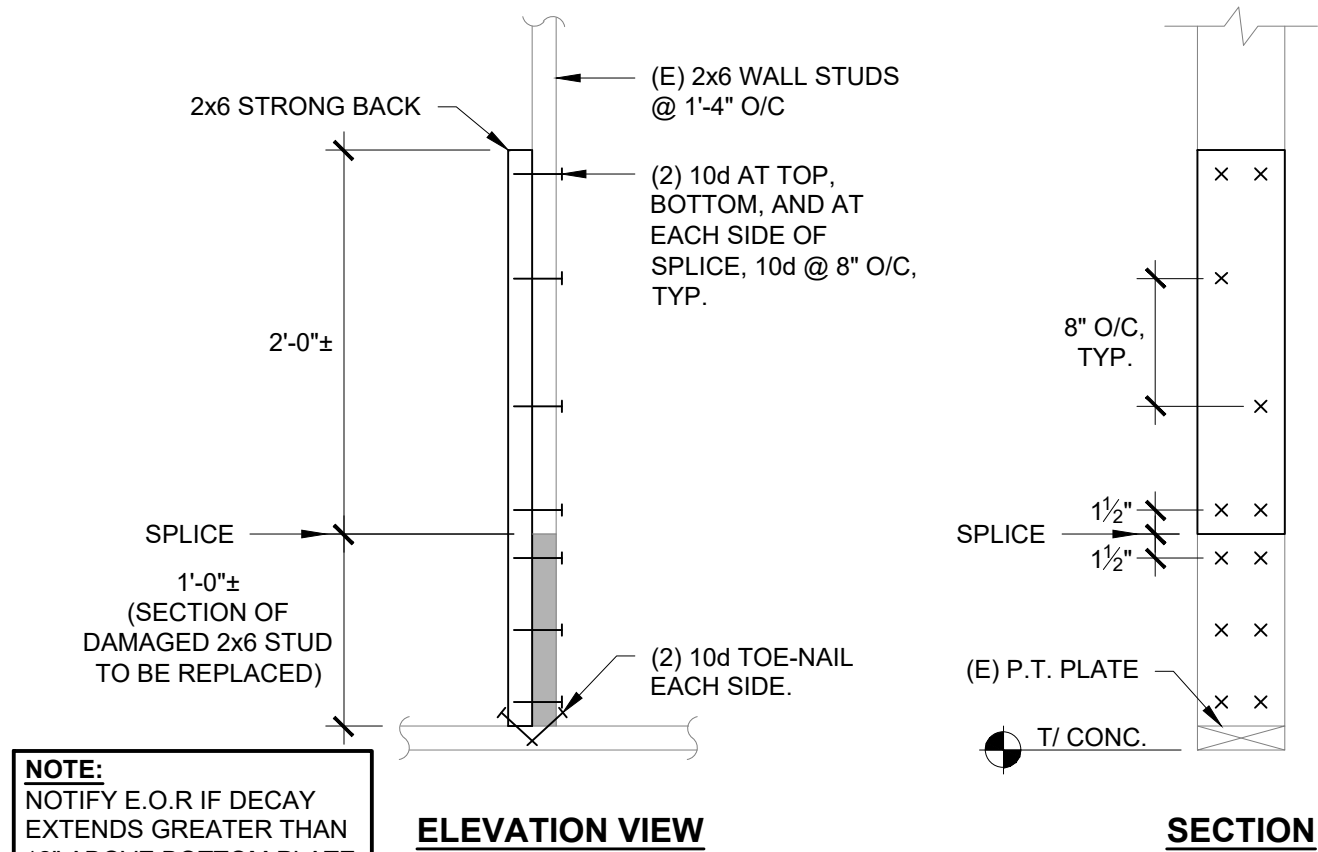
1 WALL REPAIR SECTION
S201 24002.02-01 SCALE: 1" = 1'-0"



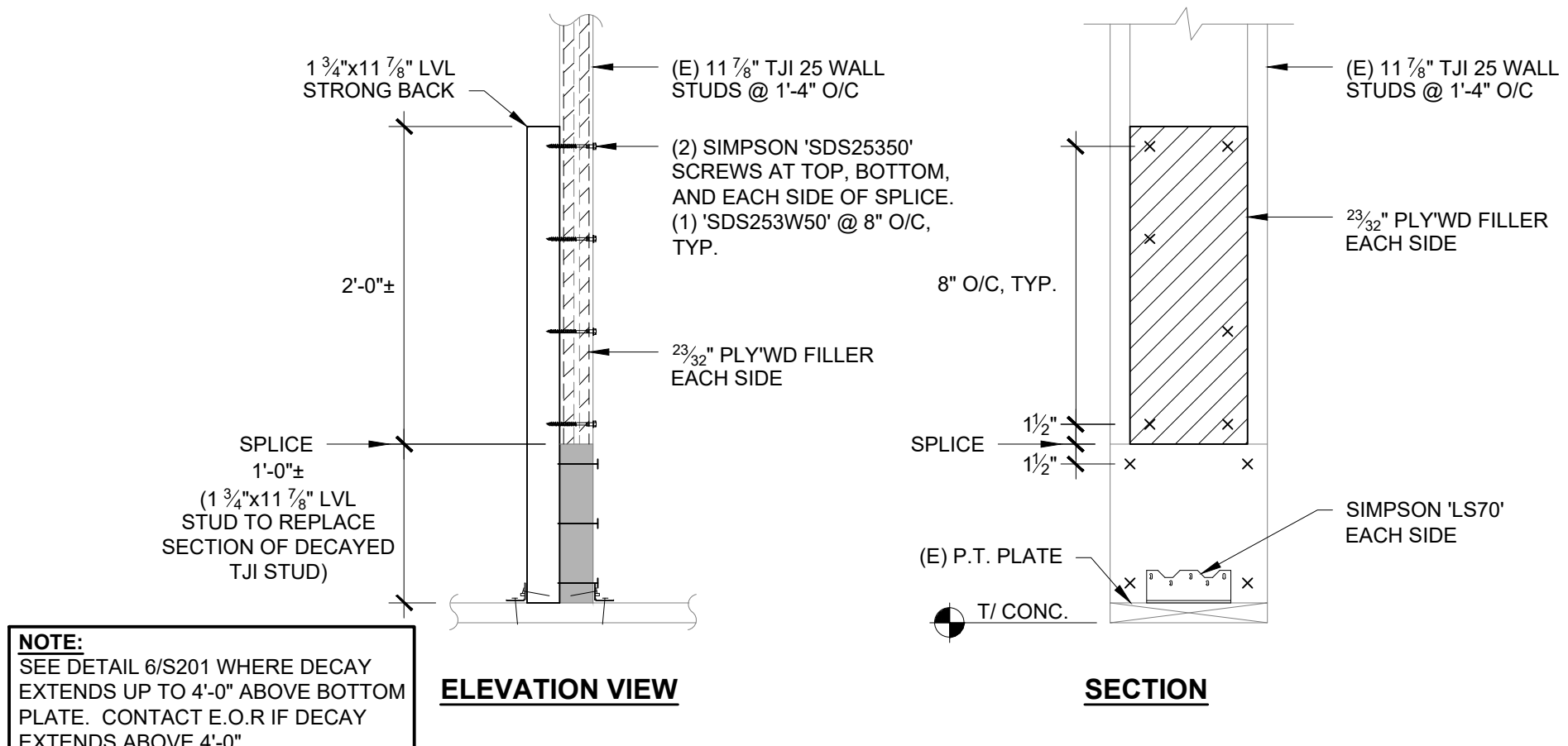
2 WALL ASSEMBLY - INSULATED
S201 24002.02-02 SCALE: 3" = 1'-0"



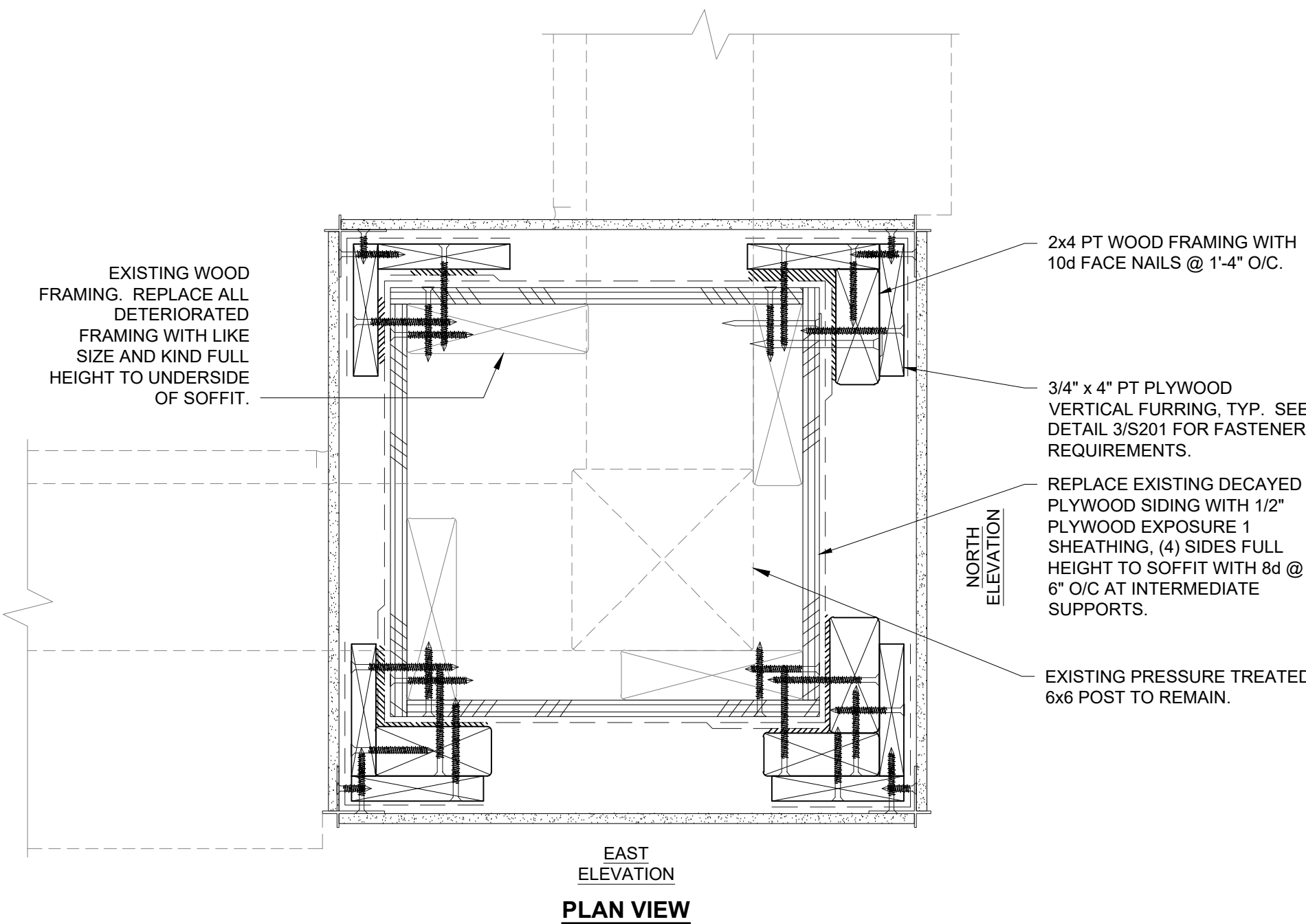
3 WALL ASSEMBLY - UNINSULATED
S201 24002.02-03 SCALE: 3" = 1'-0"



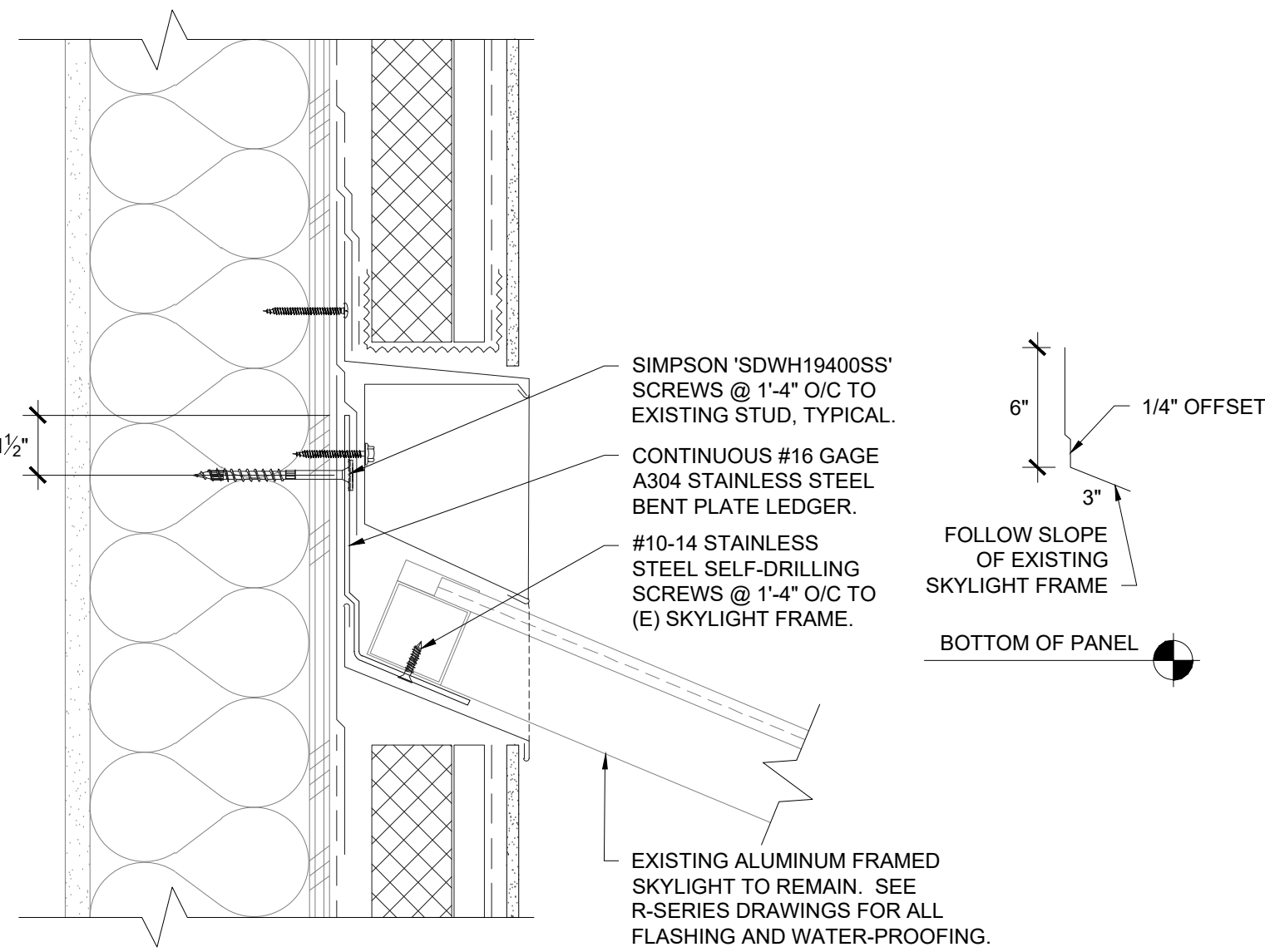
4 TYPICAL 2x6 WALL STUD REPAIR
S201 24002.02-04 SCALE: 1" = 1'-0"



5 TYPICAL 11 7/8" TJI STUD REPAIR
S201 24002.02-05 SCALE: 1" = 1'-0"



6 COLUMN WRAP AT MULTI-PURPOSE
S201 24002.02-06 SCALE: 3" = 1'-0"



7 CLADDING AT SKYLIGHT HEADWALL
S201 24002.02-07 SCALE: 3" = 1'-0"