

# OR25-059 - COLUMBIA GORGE COMMUNITY COLLEGE

400 EAST SCENIC DRIVE, THE DALLES, OR 97058

ISSUED ON: 2026-02-11

## BUILDING 2

### SCOPE OF REPAIR SUMMARY

SEE SECTION 01 1013 - SCOPE OF REPAIR IN THE PROJECT MANUAL. SHOULD THERE BE DISCREPANCIES BETWEEN THIS SCOPE OF REPAIR SUMMARY AND SECTION 01 1013 OF THE PROJECT MANUAL, SECTION 01 1013 SHALL GOVERN.

#### GENERAL CONDITIONS:

- PROJECT MOBILIZATION SHALL INCLUDE ALL CONTRACTOR AND SUBCONTRACTOR MOBILIZATION COSTS.
- PROJECT GENERAL REQUIREMENTS AND ALL MISCELLANEOUS COSTS ASSOCIATED WITH THE COMPLETION OF THE WORK SHALL INCLUDE, BUT NOT BE LIMITED TO: DEMOLITION AND DISPOSAL, WATER DAMAGE REMEDIATION, CLADDING REHABILITATION OR REPLACEMENT AS APPLICABLE, WINDOW REHABILITATION AS APPLICABLE, ROOF REHABILITATION, AND PROJECT CLEAN-UP.
- CARRY PRICING FOR APPROPRIATE SITE SUPERVISION, PROJECT MANAGEMENT, OFFICE SERVICES, ON-SITE TEMPORARY OFFICE, MATERIAL STORAGE AND STAGING, FULL-TIME WEATHER PROTECTION, SCAFFOLDING, STAGING AND ACCESS, TEMPORARY SHORING, TEMPORARY FENCING SAFEGUARDS, PEDESTRIAN PROTECTION, WORK FACILITIES, CONSTRUCTION OFFICES, UTILITY COST, SECURITY SUBMITTALS, RFI'S, MOCK-UPS, PROJECT PROGRESS MEETINGS, RECORD DRAWINGS, ETC.
- THE CONTRACTOR SHALL PROVIDE AFTER-HOURS AND WEEKEND SECURITY TO GUARD CONSTRUCTION AND THE CONTRACTOR'S COST AND DISCRETION.
- CONTRACTOR SHALL PROVIDE AN ORGANIZATIONAL CHART WITH THE PROPOSAL FOR STAFFING THE PROJECT. STAFFING MUST INCLUDE A PROJECT MANAGER, A SITE SUPERINTENDENT, AND AT LEAST ONE FULL-TIME QUALITY CONTROL INSPECTOR.
- CARRY ALLOWANCES FOR APPLICABLE TRADE PERMITS AND COL INSURANCE.
- LIMITED TRADE WORK WILL REQUIRE PERMITS. ALL SUCH WORK SHALL BE DONE UNDER PERMITS AS REQUIRED BY THE CITY OF THE DALLES. INCLUDE ALL COST NECESSARY FOR SUBMISSION DOCUMENTS REQUIRED TO PERMIT AND COMPLETE THIS PROJECT INCLUDING ALL NECESSARY AS-BUILTS, SHORING AND SURVEYS. PERMITS ARE EXPECTED TO BE REQUIRED FOR EACH INDIVIDUAL BUILDING AS OPPOSED TO A SINGLE PERMIT FOR THE ENTIRE PROJECT AND COSTS ARE TO BE CARRIED AS SUCH.
- CONTRACTOR SHALL MAINTAIN ALL INSURANCE COVERAGES IDENTIFIED IN THE CONTRACT.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO KEEP THE ENTIRE JOB SITE SAFE AND CLEAN DURING THIS CONSTRUCTION. DAILY CLEAN-UP WILL BE REQUIRED THROUGHOUT THE CONSTRUCTION PERIOD.
- UPON REINSTATEMENT OF PERMANENT STRUCTURAL LOAD SYSTEMS, REMOVE AND DISPOSE OF ANY TEMPORARY SHORING MATERIALS IN PLACE PRIOR TO OR USED DURING THE COURSE OF CONSTRUCTION PER LOCAL REQUIREMENTS.
- PROVIDE ALL NECESSARY STAGING, HOARDING, AND WEATHER PROTECTION TO PERFORM THE WORK WITHIN THE BASE COST.
- PROVIDE ALL NECESSARY PREPARATIONS TO PERFORM THE WORK WITHIN THE BASE COST.
- WATER AND WEATHER ENTRY INTO THE UNITS THROUGHOUT THE DURATION OF CONSTRUCTION IS NOT TO OCCUR. CONTRACTOR SHALL BEAR ALL ASSOCIATED REPAIR COSTS SHOULD THIS OCCUR.

#### PRIMARY SCOPE ELEMENTS

THE PRIMARY REPAIR ELEMENTS OUTLINED WITHIN THE SCOPE OF REPAIR INCLUDE:

- REMOVAL AND DISPOSAL OF THE IN-SERVICE LOW-SLOPE ROOFING ASSEMBLY
- REMOVAL AND DISPOSAL OF THE EXISTING PERIMETER RAILING, PATCH HOLES IN NON-SHRINK GROUT AND APPLY NEW STUCCO COVER TO MATCH EXISTING COLOR AND TEXTURE
- CONSTRUCT NEW PARAPET WALL ALONG PERIMETER OF ROOF PER PLANS AND DETAILS
- REMOVE AND CAP OFF EXISTING ROOF DRAINS AS NOTED ON ROOF PLAN
- PREPARE EXISTING ROOF DECK FOR INSTALLATION OF NEW FULLY-ADHERED AIR AND VAPOR BARRIER MEMBRANE
- INSTALL NEW ROOF DRAINS AND OVERFLOWS IN LOCATIONS NOTED ON ROOF PLAN
- INSTALL NEW CONCRETE IN SIZE AND LOCATION PER CLIENT
- INSTALL NEW TAPERED POLYISOCYANURATE INSULATION W/ HD POLY-ISO COVERBOARD, PROVIDING SLOPE TO EXISTING ROOF DRAINS TO REMAIN AND NEW ROOF DRAIN LOCATIONS
- INSTALL NEW 2-PLY SBS MODIFIED BITUMEN ROOF MEMBRANE
- INSTALL PERIMETER STRUT CHANNELS - LOCATIONS AND LENGTHS PER CLIENT
- AT MECHANICAL CURBS WITH FLASHINGS OR ELEMENTS THAT CANNOT BE REPLACED AND EXHIBIT RUSTING - INSPECT CONDITION TO DETERMINE IF INTEGRITY IS COMPROMISED, REMOVE RUST FROM ALL SURFACES, APPLY RUST-INHIBITING PRIMER, PREPARE EXISTING SURFACES FOR PAINTING, PAINT WITH HIGH-PERFORMANCE EPOXY METAL PAINT.

THIS SCOPE DOES NOT ADDRESS UNFORESEEN STRUCTURAL DEFICIENCIES, MECHANICAL SYSTEMS, OR OTHER BUILDING SYSTEMS NOT DIRECTLY IMPACTED BY THE PROPOSED ENVELOPE RENEWALS. CONSTRUCTION DOCUMENTS WERE NOT AVAILABLE FOR REFERENCE. ASSUMPTIONS WERE MADE ABOUT THE EXISTING ROOFING ASSEMBLY TO THE BEST OF OUR ABILITY BASED ON FIELD OBSERVATIONS AND NON-DESTRUCTIVE MOISTURE SCANNING AT SELECT AREAS NOTED IN THE PHOTO APPENDIX. THIS DOCUMENT MAY BE MODIFIED AS NECESSARY TO REFLECT EXISTING CONDITIONS AND CORRESPONDING RECOMMENDATIONS AFTER EXISTING CONDITIONS ARE CONFIRMED DURING THE CONSTRUCTION PHASE.

#### SCOPE REQUIREMENTS - ROOF AREAS

- TEMPORARILY REMOVE AND STORE ALL MISCELLANEOUS COMPONENTS AFFIXED OR SET ON THE BUILDING ROOF THAT MAY BE IMPACTED BY THE WORK. STORE FOR REINSTALLATION UNLESS SCHEDULED FOR REPLACEMENT.
- REMOVE AND PROPERLY DISPOSE OF FLASHINGS, EDGE METALS AND ASSOCIATED COMPONENTS IMPACTED BY THE WORK AND AS NEEDED FOR PROPER INSTALLATION OF THE NEW ROOFING AND DRAINAGE SYSTEMS.
- AT REMOVED ROOF DRAINS, INSTALL PERMANENT PIPING PLUG AND FILL HOLE OR DRAIN W/ NON-SHRINK GROUT.
- AT REMOVED FLASHINGS WHERE WOOD CURBING IS PRESENT, VERIFY CONDITION OF NEWLY EXPOSED MATERIALS AND REPLACE DAMAGED MEMBERS. SEE REPAIR ALLOWANCE.
- IN COORDINATION WITH THE CONSULTANT, EVALUATE THE ROOF DECK TO DETERMINE LOCATIONS WHERE UNDERLYING DECKING EXHIBITS DAMAGE THAT NEEDS TO BE REPAIRED BEFORE NEW ROOF WORK CAN PROCEED.
- CONSTRUCT ALL SHEET-METAL FLASHING FROM 24-GAUGE PRE-FINISHED SHEET-METAL FLASHING, WITH THE EXCEPTION OF NEW MECHANICAL CURB COLLARS, WHICH SHALL BE STAINLESS STEEL. ENSURE ALL SHEET-METAL FLASHING HAS A MINIMUM 1% SLOPE AND PERMANENTLY WATER-TIGHT JOINTS THAT MEET THE MINIMUM SMADNA REQUIREMENTS. SECURE ALL FLASHING WITH 304 STAINLESS-STEEL FASTENERS. PLATED FASTENERS ARE NOT TO BE USED.
- INSTALL SELF-ADHERED MEMBRANE, PRE-MANUFACTURED FLASHINGS, AND SHEET-METAL FLASHING AS NEEDED TO FLASH THE VARIOUS SMALL PENETRATIONS (I.E. PIPES, EXHAUST VENTS, ROOF SCUPPER SLEEVES AND OVERFLOWS, ETC.) AS PER THE DESIGN DOCUMENTS.

### ABBREVIATIONS:

AL	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BLDG	BUILDING
BOT	BOTTOM
COL	CONCRETE MASONRY UNIT
C.M.U.	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
CONSTR	CONSTRUCTION
CW	COMPLETE WITH
DIA	DIAMETER
DM	DIMENSION
DWG	DRAWING
DOWNSPOUT	DOWNSPOUT
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EXT	EXTERIOR
F.C.	FIBER CONCRETE
F.D	FLOOR DRAIN
FIN	FINISH
FR	FIRE-RETARDANT TREATED WOOD
FURR	FURRING OR FURRED
GA	GAUGE
GALV	GALVANIZED
G.V.B.	GYPSUM WALL BOARD
GYP	GYPSUM
HORIZ	HORIZONTAL
INT	INTERIOR
INSUL	INSULATION
INTS	INTERIOR
MIN	MINIMUM
MISC	MISCELLANEOUS
NOT IN CONTACT	NOT IN CONTACT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
P.W.D.	PRESSURE TREATED
OSB	ORIENTED STRAND BOARD
POLY	POLYETHYLENE
R	RADIUS
REF	REFERENCE
REINFC	REINFORCED
REINFC	REINFORCED
REINFC	REINFORCED
R.O.D.	ROOF DRAIN
R.W.A.	RAINWATER LEADER
S.A.M.	SELF-ADHERED MEMBRANE
SEAL	SEALANT
SECT	SECTION
SIM	SIMILAR
SPEC	SPECIFICATION
S.O.G.	SLOPE ON GRADE
SST	STAINLESS STEEL
STRUC	STRUCTURAL
T&G	TONGUE AND GROOVE
T.B.A.	TO BE CONFIRMED
TEMP	TEMPERATURE
TOP OF WALL	TOP OF WALL
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
V.I.F.	VERY N FIELD
W	WITH
W/O	WITHOUT
W.R.B.	WEATHER-RESISTIVE BARRIER
@	AT
#	NUMBER / POUNDS
+	PLUS OR MINUS
L	ANGLE

### GENERAL NOTES - SHEAR AND FIRE WALLS

- SHEAR WALLS (WHERE OCCUR) FOUND THROUGH THE COURSE OF CONSTRUCTION WILL BE IDENTIFIED TO THE ARCHITECT. AS REQUIRED, REVISION PLANS AND DETAILS IDENTIFYING HOW THE EXISTING CONDITIONS WILL BE REMEDIATED TO MAINTAIN THE INTEGRITY OF THE SHEAR WALLS IN QUESTION WILL BE SUBMITTED TO THE A/H FOR REVIEW AND APPROVAL PER SECTION 107.2.1.
- UNIDENTIFIED FIRE-RESISTANT RATED WALLS FOUND THROUGH THE COURSE OF CONSTRUCTION WILL BE IDENTIFIED TO THE ARCHITECT. AS REQUIRED, REVISION PLANS AND DETAILS IDENTIFYING HOW THE EXISTING CONDITIONS WILL BE REMEDIATED TO MAINTAIN THE INTEGRITY OF THE FIRE-RESISTANT RATED CONSTRUCTION IN QUESTION WILL BE SUBMITTED TO THE A/H FOR REVIEW AND APPROVAL PER SECTION 107.2.1.
- WHERE EXTERIOR WALLS (SHEAR, FIRE OR GENERAL USE) WALLS ARE FOUND TO HAVE DAMAGE THAT CANNOT BE TRACED TO A DEFINITIVE LEAKAGE SOURCE, THE AREA IS TO BE REVIEWED WITH THE ARCHITECT/CONSULTANT PRIOR TO DAMAGED SHEATHING REMOVAL. DO NOT PROCEED WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT/CONSULTANT.

### AHJ REVIEW OF REPLACED SHEATHING/FRAMING

- REPLACED SHEATHING IS TO BE NAILED PER THE FRAMING AND SHEATHING NOTES IN THESE DOCUMENTS OR PER THE ORIGINAL CONSTRUCTION DRAWINGS, WHICHEVER IS MORE STRINGENT.
- NOTIFY CONSULTANT IF AREAS OF FRAMING REPAIRS FOUND THAT REQUIRE ENGINEERED TEMPORARY SHORING. WALL SHEATHING IS TO BE MAINTAINED UNTIL REPLACED WITH FIRE-RESISTANT SHEATHING AND FRAMING WITH THE BUILDING INSPECTOR AS REQUIRED BY THE AHJ PRIOR TO COVER.

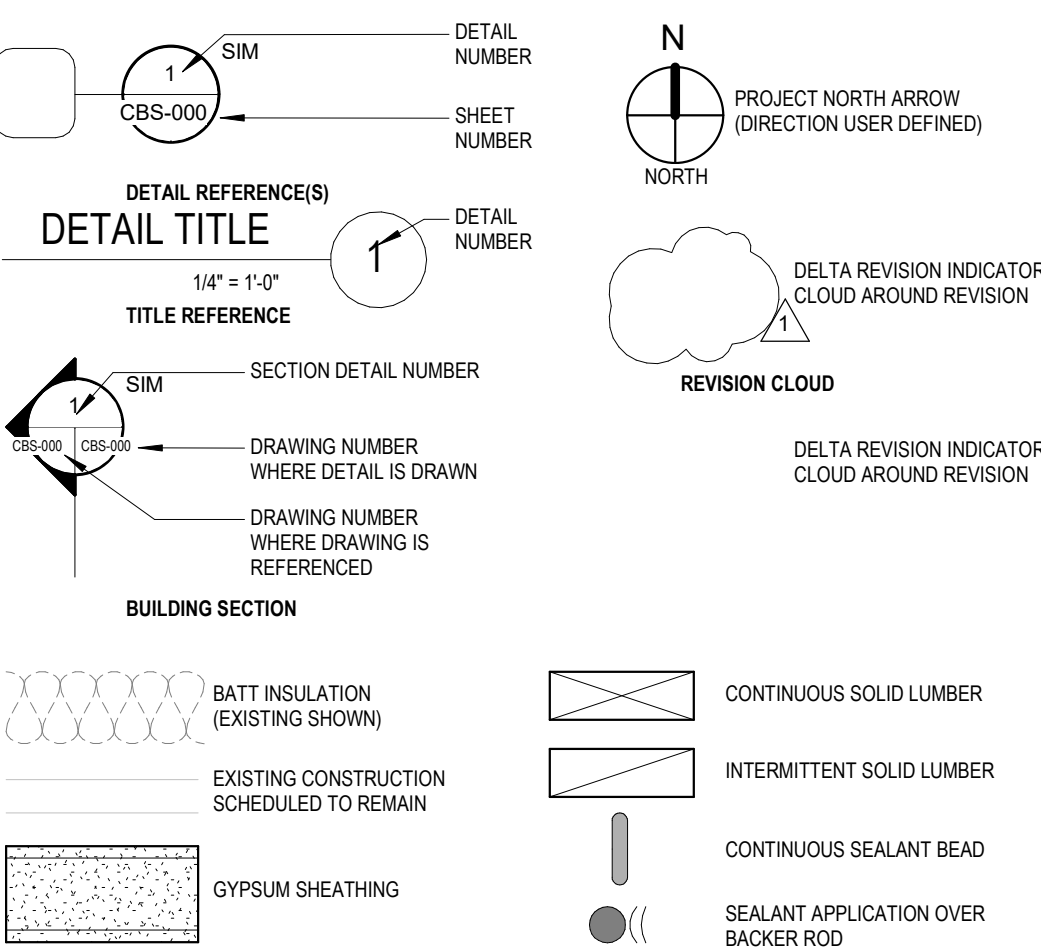
### FRAMING & SHEATHING REQUIREMENTS

- NEW FRAMING SHALL BE OF THE SAME SIZE AS THOSE MEMBERS BEING REPLACED UNLESS SPECIFICALLY APPROVED.
- FRAMING LUMBER SHALL BE HEIN PR NO. 2 FOR STUDS AND JOISTS, DOUG-FIR NO. 1 FOR BEAMS AND POSTS. GRADES ARE TYPICAL UNLESS OTHERWISE NOTED. LUMBER IS TO BE GRADE MARKED PER NAIL SPECIFICATIONS.
- STRUCTURAL SHEATHING SHALL BE APA RATED PLYWOOD, EXPOSURE 1 SHEATHING CONFORMING TO OTHER COMMERCIAL STANDARDS PS1-83, APA PRP-108, OR VOLUNTARY PRODUCT STANDARD PS-2. PROVIDE A MINIMUM OF 3" EDGE DISTANCE ON ALL WALLS AND 18" EXPANSION JOINT BETWEEN ALL PANEL EDGES. MINIMUM SHEATHING REQUIREMENTS ARE AS FOLLOWS, UNLESS NOTED OTHERWISE ON THE PLANS.
- NAILING SHALL CONFORM TO TABLE 2304.10.2 OF THE INTERNATIONAL BUILDING CODE UNLESS NOTED OTHERWISE. USE COMMON WALLS UNLESS OTHERWISE NOTED OTHERWISE.
- NO STRUCTURAL MEMBER SHALL BE CUT OR NOTCHED UNLESS SPECIFICALLY DETAILED OR APPROVED IN WRITING.
- PROVIDE PROPERLY SIZED WASHERS UNDER HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD.
- PROVIDE 7/16"X2" W/2" WASHERS AT ALL ANCHOR BOLTS.
- BOLT HOLES SHALL BE NOMINAL DIAMETER OF BOLT PLUS 1/16" UNLESS NOTED OTHERWISE. LAG BOLT HOLE HOLES SHALL BE PRE-DRILLED TO 90% OF THE NOMINAL DIAMETER OF THE LAG BOLT UNLESS NOTED OTHERWISE.
- ALL SILL PLATES SHALL BE BOLTED TO THE FOUNDATION WITH 1/2" MINIMUM DIAMETER BOLTS SPACED AT A MAXIMUM OF 48". BOLTS MUST BE EMBEDDED A MINIMUM OF 7" INTO CONCRETE OR MASONRY.
- PROVIDE DOUBLE JOIST UNDER ALL PARALLEL PARTITION WALLS AND SOLID BLOCKING UNDER PERPENDICULAR PARTITION WALLS.
- WALL SHEATHING TO BE 5/8" CDX UNLESS NOTED OTHERWISE.
- ROOF SHEATHING TO BE PRESSURE-TREATED 1/2" CDX UNLESS NOTED OTHERWISE.
- FASTENERS TO BE HOT DIP GALVANIZED UNLESS NOTED OTHERWISE.
- EXTERIOR WALL OPENINGS & BEARING WALL OPENINGS TO HAVE 4 X 4 HEADERS UNLESS OTHERWISE INDICATED.
- PROVIDE SHAPED WOOD TRUSS TRAYS AT EACH TRUSS LOCATION BEARING ON WALL DOUBLE TOP PLATE CONSTRUCTION.
- PROVIDE FIREBLOCKING, DRAFTSTOPS & FIRESTOPS AS REQUIRED BY THE OREGON STRUCTURAL SPECIALTY CODE.
- PROVIDE POSITIVE CONNECTIONS AT EACH END OF POSTS AND COLUMNS TO RESIST LATERAL DISPLACEMENT.
- PROVIDE NEW PRESERVATIVE PRESURE-TREATED SILL PLATES AT AREAS OF NEW CONSTRUCTION (W/PA USE CLASSIFICATION BOLD ABOVE GROUND).
- ENGINEERED ROOF TRUSSES: REFER TO TRUSS SHOP DRAWINGS.
- LUMBER SPECIES - UNO:
  - A. POSTS, BEAMS, HEADERS, JOISTS AND RAFTERS: NO. 2 DOUGLAS FIR
  - B. SILL PLATES, BLOCKING BRIDGING: ETC. NO. 1 DOUGLAS FIR
  - C. STUDS: STUD GRADE D.F.
  - D. STUDS OVER 10' HIGH: NO. 1 OR BETTER
  - E. POST & BEAM DECKING: UTILITY GRADE
  - F. PLYWOOD SHEATHING: 2" CDX PLY 2016
  - G. GULL-AM BEAMS (EXT. ADX. EXT. CONDITIONS): 12-2400, DRY ADX.
- NAILING SCHEDULE - UNO:
  - A. JOIST TO SILL OR GORDER: 3-8d TOE NAIL
  - B. 2" SUBFLOOR TO GORDER: 2-16d BLND & FACE
  - C. SOLE PL. TO FOUNDATION: 16d @ 18" O.C. FACE NAIL
  - D. SOLE PL. TO JOIST: 16d @ 18" O.C. FACE NAIL
  - E. TOP PL. TO STUDS: 2-16d END NAIL
  - F. STUD TO TOE PL: 4-8d TOE NAIL OR 2-16d
  - G. END WALL: 16d @ 18" O.C. FACE NAIL
  - H. DOUBLE STUDS: 16d @ 18" O.C. FACE NAIL
  - I. JOIST TO TOP PL: 16d @ 18" O.C. FACE NAIL
  - J. CONTINUOUS HEADER (2 PC): 16d @ 18" O.C. EDGE NAIL
  - K. C.O. JOIST LAP OVER PL: 3-8d TOE NAIL
  - L. C.O. JOIST LAP OVER PL: 3-16d FACE NAIL
  - M. C.O. JOIST TO RAFTER: 3-16d FACE NAIL
  - N. RAFTER TO TOP PL: 16d TOE NAIL
  - O. COLLAR TIES (EA END): 6-10d (UNO.) FACE NAIL
  - P. WOOD STRUCTURAL PANELS TO FRAMING:

### WOOD STRUCTURAL PANEL NAILING SCHEDULE

	W/CEILING	W/CEILING	W/CEILING
	EDGES	INTERMEDIATE	SUPPORTS (FIELD)
24" AT "SISTERED" JOISTS, LAMINATE NEWLY FRAMING TO EXISTING MEMBERS WITH JOIST ASSEMBLY SHOWN IN DRAWINGS.	12"	12"	12"
24" ANCHORAGE AT SILL.	12"	12"	12"
3/8"-12" 8d COMMON OR DEFORMED (2-1/2" X 0.131" X 0.281" (HEAD) (ROOF) OR RRS-01 (2-3/8" X 0.113" NAIL (ROOF)	6"	6"	6"
19/32"-3/4" 8d COMMON (2-1/2" X 0.131") (SUBFLOOR AND WALL)	6"	6"	12"
19/32"-3/4" 8d COMMON OR DEFORMED (2-1/2" X 0.131" X 0.281" (HEAD) (ROOF) OR RRS-01 (2-3/8" X 0.113" NAIL (ROOF)	6"	6"	6"

### REFERENCE SYMBOLS / LEGEND



### DRAWING TERMS:

- DEMOLISH: COMPLETELY REMOVE AND LEGALLY DISPOSE OF OFF-SITE.
- NEW ITEM: A TERM USED ON DRAWINGS TO INDICATE THAT AN ITEM IS PROVIDED AS NEW WORK. ASSUME ALL WORK NOT NOTED AS EXISTING IS NEW UNLESS ADDRESSED BY ALLOWANCES AND/OR ALTERNATES.
- PROTECT (ITEM): A TERM USED ON DRAWINGS TO INDICATE AN ITEM REQUIRES PROTECTION FROM THE WORK.
- REMOVE (ITEM): A TERM USED ON DRAWINGS TO INDICATE A SPECIFIC ITEM TO BE DETACHED FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSED OF OFF-SITE, UNLESS INDICATED OTHERWISE TO BE REMOVED, SALVAGED, AND REINSTALLED.
- REMOVE AND REINSTALL (ITEM): A TERM USED ON DRAWINGS TO INDICATE A SPECIFIC ITEM TO BE DETACHED FROM EXISTING CONSTRUCTION, PREPARED FOR REUSE, AND REINSTALLED BACK IN ITS EXISTING LOCATION.
- RELOCATE (ITEM): A TERM USED ON DRAWINGS TO INDICATE AN EXISTING ITEM THAT HAS BEEN REMOVED, AND TO BE REINSTALLED IN A NEW LOCATION.
- SALVAGE (ITEM): CAREFULLY DETACH FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE READY FOR REUSE. INCLUDE FASTENERS OR BRACKETS NEEDED FOR REATTACHMENT IN ORIGINAL LOCATION OR ELSEWHERE.
- EXISTING TO REMAIN (ITEM): A TERM USED ON DRAWINGS TO INDICATE EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE REMOVED AND THAT ARE NOT OTHERWISE INDICATED TO BE REMOVED, SALVAGED, OR REMOVED AND REINSTALLED. EXISTING TO REMAIN IS INDICATED BY GRAPHIC LINE-TYPE SYMBOL.

### ENCLOSURE COMPONENT GENERAL NOTES:

- MEMBRANE INSTALLATION:
  - CLIMATE PREPARE SURFACE PRIOR TO INSTALLATION OF ALL MEMBRANES IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS OR AS DIRECTED BY CONSULTANT. APPLY PRIMERS TO ACHIEVE FULL ADHESION.
- PROVIDE SADDLE FLASHING AT INTERSECTIONS AT BALCONY/ROOF PARAPET AND WALL BALCONY EDGE TO WALL AND ALL SIMILAR TYPE TRANSITIONS THAT MAY OCCUR WITHIN THE BUILDING ENVELOPE ASSEMBLIES.

#### METAL FLASHING:

- FORM JOINTS ARE TO BE S-LOCK OR STANDING SEAMS UNLESS OTHERWISE APPROVED, FORM INTERNAL & EXTERNAL CORNERS IN METAL FLASHINGS WITH JOINT ASSEMBLY SHOWN IN DRAWINGS.
- TERMINATE METAL FLASHINGS WITH UPFLOODED END DAMS OVER WINDOWS AND DOORS.
- INSTALL METAL HEAD FLASHINGS WITH UPFLOODED END DAMS OVER WINDOWS AND DOORS. EXTEND FLASHING AS DETERMINED BY CONSULTANT. CONTRACTOR TO FIELD VERIFY THAT METAL HEAD FLASHING DOES NOT INTERFERE WITH OPERATION OF WINDOWS, DOORS, OR ACCESS PANELS.
- FORM FLASHINGS WITH 15° SLOPE TO DRAIN U.N.O.

#### EXTERIOR OPENINGS AND PENETRATIONS:

- NO CONCURRED EFFORT HAS BEEN MADE BY CONSULTANT TO QUANTIFY THE EXTERIOR FIXTURES, SUCH AS LIGHT FIXTURES, CONVEYANCE RECEIPTFATES, EXHAUST VENTS, PIPE PENETRATIONS, MOISTURE BARS, ELECTRICAL, ON METERS, ETC. CONTRACTOR SHALL PERFORM OWN QUANTITY SURVEY.
- INSTALL SEALANT JOINT WITH BACKER ROD AROUND INTERIOR PERIMETER OF OPENINGS FOR AIR BARRIER CONTINUITY.
- FORM EXTERIOR PERIMETER SEALANT JOINTS 3/8 IN. WIDE WITH CLOSED CELL BACKER ROD U.N.O. MAINTAIN JOINT WIDTH/DEPTH RATIO OF 2:1.

### CODE SUMMARY

- GOVERNING CODES:
  - BUILDING: 2021 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
  - 2021 OREGON EXISTING BUILDING CODE (OEB)
  - ENERGY: 2021 OREGON ZERO ENERGY READY COMMERCIAL ENERGY CODE (OEEC)
  - ELECTRICAL: 2021 OREGON ELECTRICAL CODE (OEC)
  - MECHANICAL: 2021 OREGON MECHANICAL SPECIALTY CODE (OMSC)
  - PLUMBING: 2021 OREGON PLUMBING CODE (OPC)

#### CONSTRUCTION TYPE:

- BUILDING 1:
  - TYPE IIA, PER 2021 OSSC TABLE 601
  - STRUCTURES ARE ASSUMED TO BE CONSTRUCTED ORIGINALLY IN 1936 UNDER THE 1935 UNIFORM BUILDING CODE - TYPE III - ORDINARY MASONRY
- BUILDING 2:
  - TYPE IIA, PER 2021 OSSC TABLE 601
  - STRUCTURES ARE ASSUMED TO BE CONSTRUCTED ORIGINALLY IN 1936 UNDER THE 1935 UNIFORM BUILDING CODE - TYPE I-B-R
- BUILDING 4:
  - TYPE IIA, PER 2021 OSSC TABLE 601
  - STRUCTURES ARE ASSUMED TO BE CONSTRUCTED ORIGINALLY IN 1936 UNDER THE 1935 UNIFORM BUILDING CODE - TYPE I-B-R

#### OCCUPANCY CLASSIFICATION:

- E - EDUCATIONALS, PER 2021 OSSC SECTION 305.1
- BUILDING TO REMAIN OCCUPIED DURING CONSTRUCTION - NO CHANGE IN OCCUPANCY

#### FIRE DETECTION AND SUPPRESSION:

- EXISTING SMOKE DETECTION AND FIRE ALARM SYSTEMS TO REMAIN IN SERVICE.
- NFPA 13 SPRINKLERS PROVIDED

#### EGRESS:

- EXISTING PATHWAYS TO THE PUBLIC WAY TO REMAIN IN SERVICE AND UNOBSTRUCTED THROUGHOUT THE COURSE OF THE WORK.

#### PARKING:

- NO CHANGE

#### BUILDING FOOTPRINT:

- NO CHANGE

### GENERAL NOTES - ENERGY CONSERVATION

APPLICABLE ENERGY CODE:	2021 OREGON ENERGY EFFICIENCY SPECIALTY CODE (ASSESS 06.1.2021)
CLIMATE ZONE (TABLE C101.1):	5B
OCCUPANCY TYPE(S) (IBC 302.1.1):	E' (EDUCATIONAL)

THIS DESIGN IS IN CONFORMANCE WITH THE PRESCRIPTIVE BUILDING ENVELOPE REQUIREMENTS OF ASHRAE 90.1-2022 SECTION 5.5 AND AS NOTED BELOW FOR EACH BUILDING COMPONENT AND / OR PORTION OF THE BUILDING.

#### BUILDING ELEMENTS (PER TABLE 5.5-5)

CONSTRUCTION COMPONENT	REQUIRED (NON-RES)	PROVIDED (NON-RES)
FENESTRATION U-FACTOR	U-0.36 MAX	N/A
SKYLIGHT U-FACTOR	U-0.50 MAX	U-0.30
ROOF - INSULATION ENTIRELY ABOVE DECK	R-30ci	R-30ci (MIN AT LOWEST POINT)

#### GENERAL INSULATION AND ENERGY CODE NOTES:

- EXPOSED INSULATION MATERIALS, INCLUDING FLASHINGS AND VAPOR BARRIERS, SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450, AND SHALL BE IN SUBSTANTIAL CONTACT WITH THE WALL OR CEILING SURFACE.
- ALL INSULATION SHALL STRICTLY CONFORM TO THE REQUIREMENTS OF UL LISTING WHERE USED IN UL RATED ASSEMBLIES.

### PROJECT DATA

OWNER: COLUMBIA GORGE COMMUNITY COLLEGE  
OWNER CONTACT: DAREN OLSON, daren.olson@cga.edu  
CERTA PROJECT MANAGER: DAN RUNDLE, dan.rundle@certasolutions.com  
PROJECT LOCATION: 400 EAST SCENIC DRIVE, THE DALLES, OR 97058  
PROPERTY ID: 1N 1E S 100  
ZONING: RL (LOW DENSITY RESIDENTIAL)  
JURISDICTION: CITY OF THE DALLES

### LEGAL DESCRIPTION

TAX LOT NO: 01N13 E09 00100 00  
PROPERTY DESCRIPTION: SECTION 9 TOWNSHIP 1N RANGE 13E QUARTER PRCL 100 Map Tax Lot 01N13 E09 00100 00  
NEIGHBORHOOD: 406 NEIGHBORHOOD COMMERCIAL

### PROJECT TEAM

#### OWNER

#### COLUMBIA GORGE COMMUNITY COLLEGE

400 EAST SCENIC DRIVE  
THE DALLES, OR 97058  
PHONE: 541-213-7184  
EMAIL: daren.olson@cga.edu  
CONTACT: DAREN OLSON

#### ARCHITECT

#### CERTA BUILDING SOLUTIONS

2715 SE 5TH AVE, SUITE 100  
PORTLAND, OR 97202

PHONE: 888-853-3787  
EMAIL: dan.rundle@certasolutions.com  
CONTACT: BEN WOLK  
ARCHITECT: DAN RUNDLE

### DEFERRED SUBMITTALS

- NO DEFERRED SUBMITTALS OR DELEGATED DESIGN ELEMENTS ARE INCLUDED AS PART OF THE BASE SCOPE FOR THIS PROJECT

### GENERAL NOTES - PROJECT

- ALL WORK IS TO COMPLY WITH CODES LISTED IN THE CODE SUMMARY TABLE ON THIS SHEET.
- CLASSIFICATION OF WORK:
  - RE-ROOFING - LEVEL 1 ALTERNATION
- THE CONTRACTOR IS RESPONSIBLE TO CHECK THE PLANS AND IS TO NOTIFY THE ARCHITECT OF ANY CONFLICTING INFORMATION PRIOR TO THE START OF CONSTRUCTION.
- WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE THE DRAWINGS. WHERE DIMENSIONS IN DRAWINGS DIFFER FROM EXISTING CONDITIONS, NOTIFY ARCHITECT FOR CLARIFICATION OF DETAILING ADJUSTMENT FROM TO PROCESSING WITH WORK.
- HANDDRAWS ARE REQUIRED ON ALL INTERIOR OR EXTERIOR STAIRS, UNO.
- COLUMN DIMENSIONS ARE AS FOLLOWS:
  - A. COLLUMS: TO CENTERLINE OF COLUMN
  - B. WOOD WALLS: FACE OF FRAMING UNLESS NOTED OTHERWISE
  - C. CONCRETE: FACE OF FINISHED CONCRETE
  - D. FLOORS: FINISH FLOOR ELEVATION (FFE)
- READ DRAWINGS IN CONJUNCTION WITH PROJECT MANUAL (SPECIFICATIONS).
- DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS ON SITE.
- DRAWINGS HAVE BEEN PRODUCED FROM AVAILABLE RECORD DOCUMENTS AND LIMITED FIELD SURVEY. DISCREPANCIES BETWEEN CERTA DOCUMENTS AND ACTUAL PROJECT CONDITIONS TO THE IMMEDIATE ATTENTION OF THE ARCHITECT / CONSULTANT AND REQUEST A REVIEW WHEN DISCREPANCIES ARE DISCOVERED.
- EXECUTION OF THE CONTRACT BY THE CONTRACTOR IS A REPRESENTATION THAT THE CONTRACTOR HAS VISITED THE SITE, BECOME GENERALLY FAMILIAR WITH THE LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND CORRELATED PERSONAL OBSERVATIONS WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- INTERNAL & EXTERNAL CORNERS IN METAL FLASHINGS WITH JOINT ASSEMBLY SHOWN IN DRAWINGS.
- IF REQUIRED BY ALL BEFORE STARTING EACH PORTION OF THE WORK, CAREFULLY STUDY AND COMPARE THE VARIOUS DRAWINGS AND OTHER CONTRACT DOCUMENTS RELATIVE TO THAT PORTION OF THE WORK, AS WELL AS INFORMATION FURNISHED BY OWNER. TAKE FIELD MEASUREMENTS OF ANY EXISTING CONDITIONS RELATED TO THAT PORTION OF THE WORK AND OBSERVE CONDITIONS THAT MAY AFFECTING IT. THESE OBLIGATIONS ARE FOR THE PURPOSE OF FACILITATING THE CONTRACT DOCUMENTS.
- CONSTRUCTION BY THE CONTRACTOR AND NOT FOR THE PURPOSE OF DISCOVERING ERRORS, OMISSIONS, OR INCONSISTENCIES DISCOVERED BY THE CONTRACTOR PROMPTLY TO THE CONSULTANT AS A REQUEST FOR INTERPRETATION IN THE FORM PROVIDED IN THE PROJECT MANUAL.
- REPETITIVE FEATURES, REGARDLESS OF ORIENTATION, NOT SHOWN ON DRAWINGS SHALL BE COMPLETELY PROVIDED AS IF DRAWN IN FULL.
- REPORT DISCREPANCIES IN CONTRACT DOCUMENTS TO ARCHITECT / CONSULTANT FOR CLARIFICATION PRIOR TO COMMENCING WORK.
- IMMEDIATELY NOTIFY ARCHITECT CONSULTANT UPON DISCOVERY OF ADDITIONAL UNFORESEEN DAMAGE TO EXISTING CONSTRUCTION SCHEDULED TO REMAIN AND THAT IS OUTSIDE THE CONTRACT. REQUEST A REVIEW. DO NOT COMMENCE RELATED WORK TO NEARBY WORK WITHOUT CONSULTANT APPROVAL.
- TRADE CONTRACTORS ARE RESPONSIBLE FOR THE LAYOUT OF THEIR OWN WORK, AND TO SEE THAT THEIR WORK COMES TOGETHER WITH THAT OF OTHERS WITH THE DESIGN INTENT IDENTIFIED IN THE DOCUMENTS. REPORT DISCREPANCIES ON DRAWINGS TO CONSULTANT FOR DECISIONS.
- TRADE CONTRACTORS MUST ASSURE THEMSELVES THAT THEY HAVE THE LATEST DRAWINGS ISSUED FOR CONSTRUCTION OF THE GENERAL CONTRACTOR IS TO MAINTAIN A WORKING SET IN THE CONTRACTOR SITE OFFICE AND MAKE IT AVAILABLE FOR SUB-CONTRACTOR USE.
- EARLY ORIGINAL, JOURNEYPMAN TRADESMAN OR ORIGINAL, INSTALLERS OF NEW WORK TO PERFORM CUTTING AND PATCHING OF NEW WORK, (IF APPLICABLE).
- ALL RECONSTRUCTED WALLS TO MATCH (6) STUDY FRAMING SIZING, SPACING, AND ANCHORING PATTERNS. VERIFY EACH IS CONSISTENT WITH THE ORIGINAL DESIGN DOCUMENTS.
- ALL REPAIRED, EXPOSED INSULATION IS TO HAVE A FLAME SPREAD RATING OF LESS THAN 25 AND A SMOKE DENSITY RATING OF LESS THAN 450.
- HANDDRAWS ARE REQUIRED ON ALL INTERIOR OR EXTERIOR STAIRS, UNO. NOTIFY CONSULTANT IF FOUND TO BE MISSING.
- EXISTING BUILDING HEIGHT AND AREAS ARE NOT TO BE CHANGED.
- EXISTING EMERGENCY LIGHTING AND EXIT PATHS TO BE MAINTAINED.

### DRAWING INDEX - BUILDING 2

SHEET NUMBER	SHEET NAME
01 - GENERAL	COVER SHEET
02 - ARCHITECTURAL	
2A100	ROOF PLAN - BLDG 2
03 - BUILDING ENCLOSURE - VIGNETTES	
2-BE200	PHOTO VIGNETTES - BLDG 2
04 - BUILDING ENCLOSURE	
BE100	TYPICAL DETAILS
BE300	ROOFING - CONC
BE301	ROOFING - CONC
BE302	ROOFING - CONC

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COVER SHEET

G000

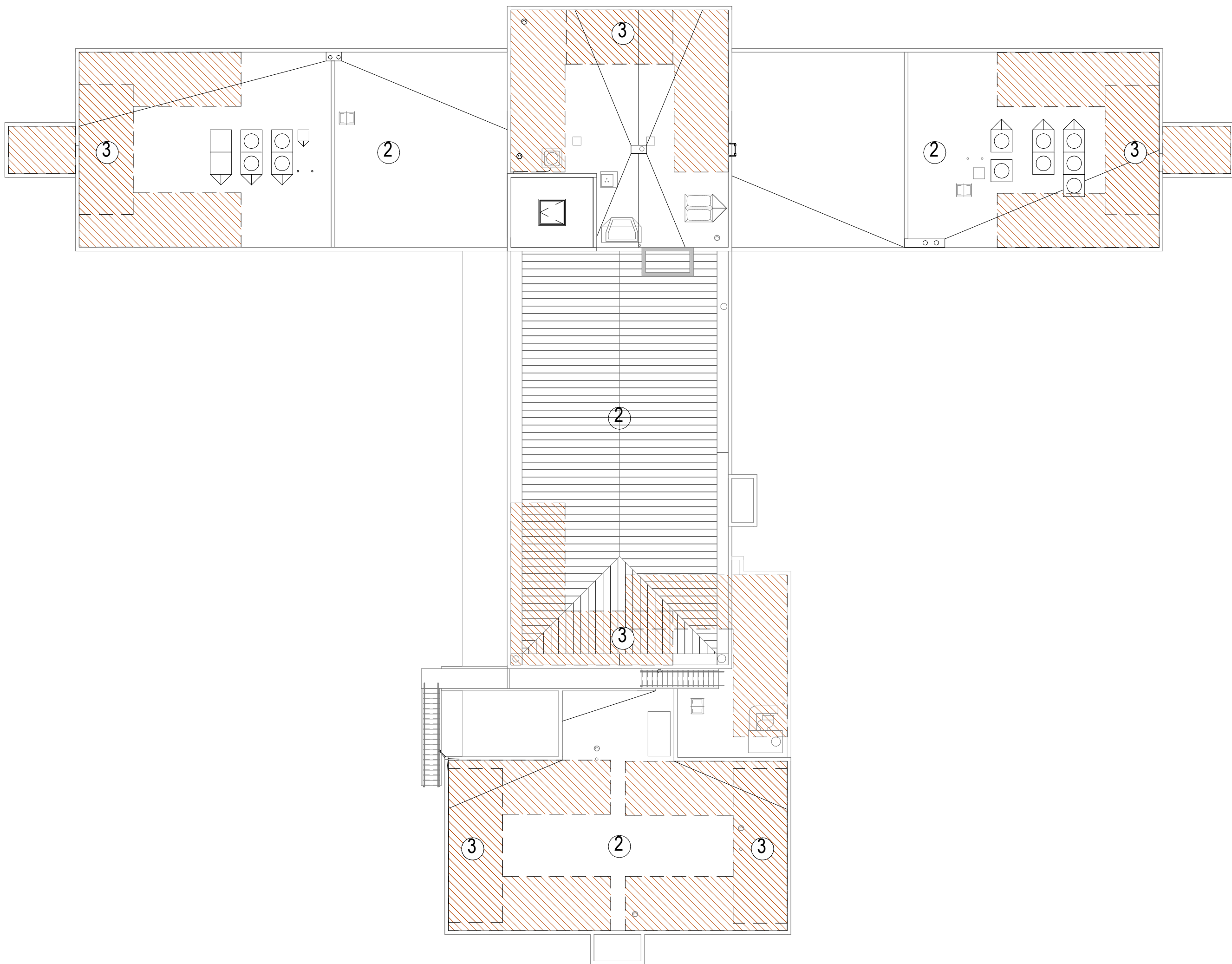
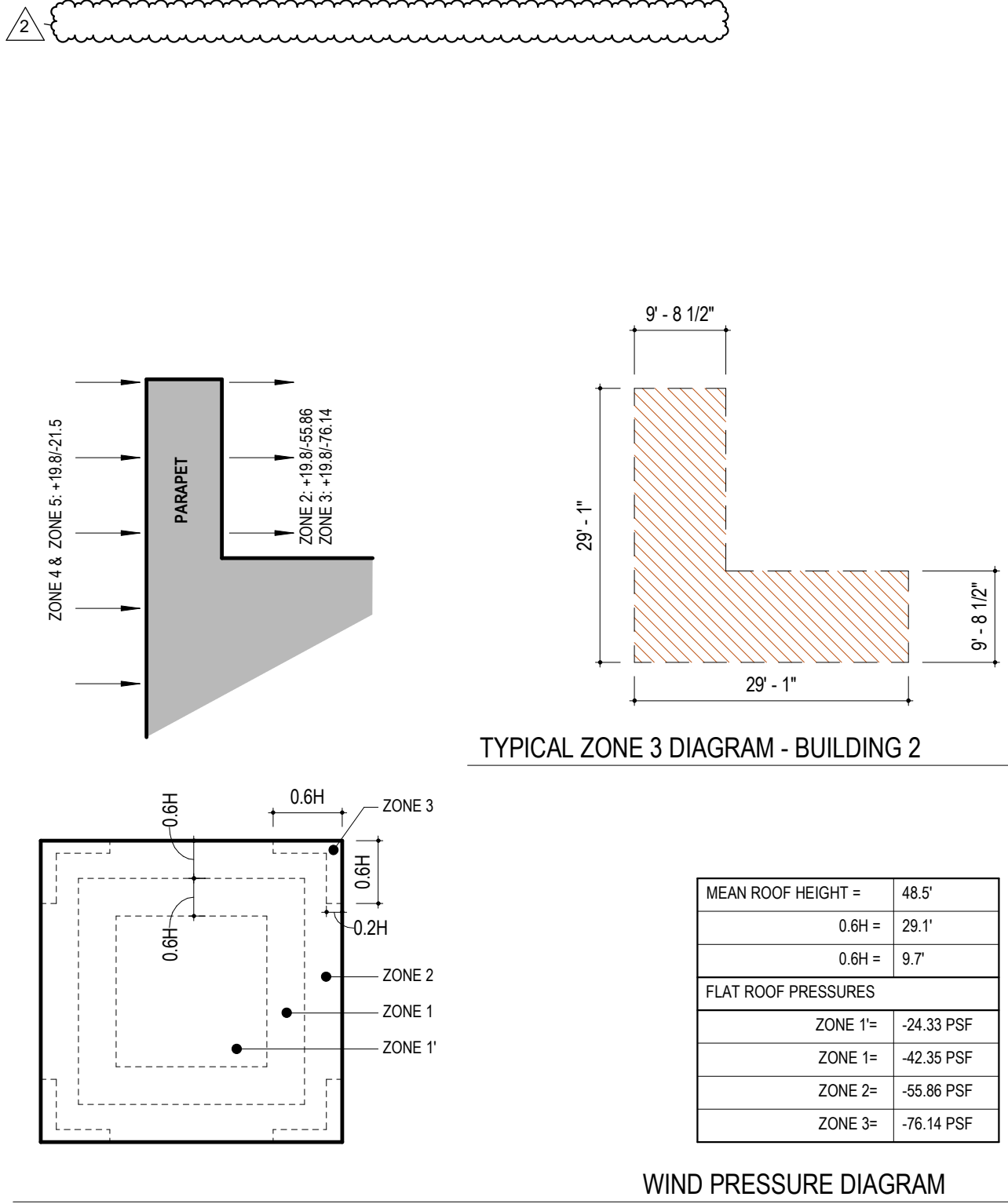


SCOPE OF REPAIR NOTES

- CONTRACTOR SHALL MAINTAIN A RECORD OR "AS-BUILT" SET OF DRAWINGS, CLEARLY IDENTIFYING SUCH DISCREPANCIES BETWEEN THE DRAWINGS AND THE AS-CONSTRUCTED CONDITIONS.
- EDGE METAL AND DRIP ELEMENTS SHALL BE REPLACED AS PART OF THE WORK. PROVIDE MINIMUM 24 GAUGE PREPARED SHEET STEEL FLASHINGS PER THE DETAILS.
- EDGE METAL SHALL BE ANCHORED INTO SOLID FRAMING IN COMPLIANCE WITH ANSI/SPRI ES-1.
- SALVAGE HVAC SHROUDS AT EXISTING CURBS FOR REINSTALLATION AFTER COMPLETION OF THE NEW ROOF.
- SHEET METAL COMPONENTS DIRECTLY RELATED TO THE NEW ROOFING SYSTEM SHALL BE REPLACED PER THE DETAILS AND SPECIFICATIONS.
- SHEET METAL NOT INCLUDED IN THE DETAILS SHALL BE INCLUDED AS PART OF THE BASE BID, AND AS SURVEYED BY THE CONTRACTOR IN THE FIELD.
- ALL OPENINGS, VOIDS, ETC. THROUGH THE CEMENTITIOUS WALL ZONES OF THE BUILDING ENVELOPE ADJACENT TO ROOFING WORK SHALL BE SEALED/PATCHED WITH NON-SHRINKING, NON-METALLIC, CEMENTITIOUS REPAIR MORTAR.

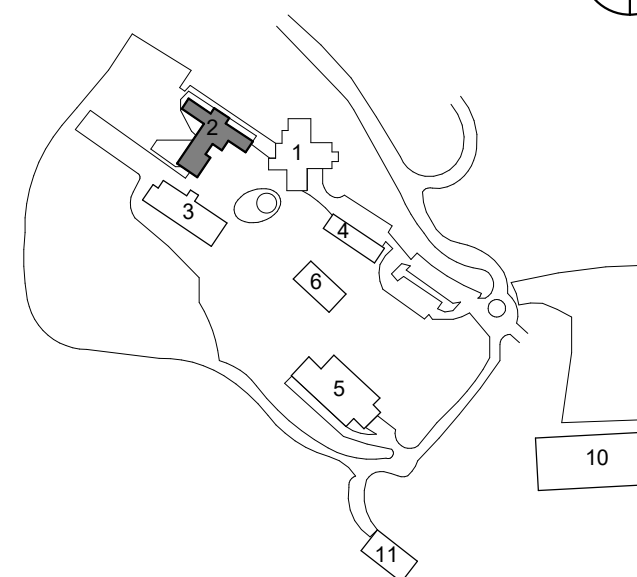
GENERAL ROOF PLAN SHEET NOTES

- ROOF PLANS HAVE BEEN DEVELOPED BASED UPON THE AVAILABLE INFORMATION PRIOR TO THE COMMENCEMENT OF THIS DESIGN PACKAGE. CONTRACTOR SHALL VISUALLY REVIEW EXISTING CONDITIONS IN THE FIELD AND MEASURE AREAS TO RECEIVE NEW ROOFING MATERIALS.
- ROOF PLANS DO NOT PURPORT TO SHOW ALL EXISTING MECHANICAL ELEMENTS, PENETRATIONS, OR OTHER IN-SERVICE ELEMENTS. THE ROOF PLAN SHOULD BE CONSIDERED A GUIDE ONLY - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD-VERIFY ELEMENTS.
- CONTRACTOR SHALL FIELD-VERIFY LOCATIONS PRIOR TO BID. CONTRACTOR SHALL NOTIFY CONSULTANT OF DISCREPANCIES ENCOUNTERED DURING FIELD VERIFICATION, IF ANY.
- ALTERNATE 3: ANY ROOFTOP EXHAUST FANS WILL BE MAINTENANCE ONLY.



WIND PRESSURE ROOF PLAN - BUILDING 2

KEY PLAN



ROOF PLAN - BUILDING 2

1/8" = 1'-0"

1

ROOF PLAN - BLDG 2

2

2-A100

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2 ADDENDUM 2 2026-01-16

OR25-059 - COLUMBIA GORGE COMMUNITY COLLEGE - BUILDING 2  
400 EAST SCENIC DRIVE, THE DALLES, OR 97058  
BID SET







Diagram illustrating the 'Fold and Button Punch' technique for joining panels. The diagram shows a corner joint where two panels meet. The following steps and labels are indicated:

- ENSURE NO PINHOLES**: Points to the top edge of the joint.
- FULLY SEAL ALL LAP JOINTS**: Points to the horizontal lap joint.
- AFFIX WITH BUTTON PUNCH OR SIMILAR ANCHORAGE AT LAP**: Points to the button punch at the corner.
- FOLD AND BUTTON PUNCH**: Points to the bottom edge of the joint.

Technical drawing of a roof corner detail showing waterproofing and flashing requirements. The drawing includes the following annotations:

- 3" IF MAX AT PREPARED CORNERS EA SIDE**: Dimension for the prepared corner area.
- 1" MIN**: Minimum dimension for the prepared corner area.
- FULLY WATERPROOFED COPING BELOW**: Label for the coping below the flashing.
- AT EXTERIOR SIDE, CONTINUOUS SHEET METAL FLASH**: Label for the exterior side flashing.
- (3) CONTINUOUS BEADS OF NON-SINKING BUTYL SEALANT, FULLY SEAL LAP**: Label for the sealant application.
- FULLY SEALED, PREFABRICATED CORNER SOLDER OR BUTT-PUNCH CONNECTION. WELD-UP REQUIRED TO BE APPROVED BEFORE INSTALLATION**: Label for the corner connection.
- SEE DETAIL FOR PROFILE**: Label for the coping profile.
- 15 MIN**: Minimum dimension for the coping profile.
- FASTENERS PER SPECIFIC DETAIL, FASTENERS TO BE GASKETED HEX HEAD NON-CORROSIVE MATCHING COPING MATERIAL. UNO. HOLES TO BE PRE-DRILLED (OVERSIZED OR SLOTTED) TO ALLOW FOR EXPANSION AND CONTRACTION OF COPING.**: Label for the fasteners.

23 0719 - EXTERIOR WALL MOUNT HVAC LINE-SET PENETRATION  
OUTLET WITH ELASTOMERIC LINE-SET COMPRESSION SLEEVE  
(BASIS OF DESIGN: AIREX MANUFACTURING - TITAN TSS/SGS-5XX-  
X) - SELECT WHITE OR GREY TO BLEND IN WITH EXTERIOR WALL  
FINISH COLOR - SEE SCHEDULE BELOW FOR OUTLET TYPE.

23 0719 - STAINLESS STEEL HOSE CLAMP TO FASTEN LINE-SET  
COVER TO PENETRATION BOOT

23 0719 - UV RESISTANT PVC PROTECTIVE INSULATION COVER FOR  
LINESET - LENGTH SHALL BE SUFFICIENT TO COVER LINE-SET  
COMPLETELY FROM FLASHING BOOT TO OUTDOOR UNIT  
CONNECTIONS (BASIS OF DESIGN: AIREX MANUFACTURING E-FLEX  
GUARD)

SEAL ENDS OF LINESET INSULATION TO EXPOSED LINESET PIPING  
W/ SIKAFLEX 521 UV SEALANT

OUTDOOR HVAC UNIT

OUTDOOR HVAC UNIT PAD OR MOUNT

HVAC UNESET OUTLET SELECTION SCHEDULE	
FOR NEW INSTALLATIONS (PREFERRED) (OR LOW PROFILE LOCATIONS)	TSS-550 OR 575 (ADD -34 TO END OF MODEL # FOR 3/4" THICK GASKET FOR UNEVEN SURFACES)
FOR NEW INSTALLATIONS (VERTICAL MOUNTING BLOCKS OR UP TO 1" WALL THICKNESS PIPE INSUL)	TSS-550, 575, OR 510 (ADD -34 TO END OF MODEL # FOR 3/4" THICK GASKET FOR UNEVEN SURFACES)
FOR RETROFIT INSTALLATIONS	TSS-550, 575, OR 510 (ADD -34 TO END OF MODEL # FOR 3/4" THICK GASKET FOR UNEVEN SURFACES)

Diagram illustrating the correct installation of a vapor barrier and sheathing barrier layer at a wall-to-floor junction. The diagram shows a cross-section of the exterior wall and interior floor. The exterior wall is labeled "EXTERIOR WALL". The interior floor is labeled "INTERIOR". The diagram shows a "SEAL LINESETS TO INTERIOR VAPOR RETARDER LAYER (WHERE APPLICABLE) OR INTERIOR FACE OF SHEATHING BARRIER LAYER WITH APPROVED COMPATIBLE POLYURETHANE FLASHING TAPE OR APPROPRIATE SEALANT". The diagram shows the correct installation of the vapor barrier and sheathing barrier layer at the wall-to-floor junction.

## HVAC LINE-SET PENETRATION BOOT OVERVIEW

CLEAN EXTERIOR WALL SURFACE W/ SOLVENT,  
STIFF BRISTLE BRUSH, AND VACUUM TO REMOVE  
LOOSE DEBRIS AND DIRT TO ENSURE ADHESION  
OF EPDM FLASHING

MAXELL M.A.P SELF-ADHESIVE EPDM FLASHING  
PANEL FOR AIR/WATER SEALING - CUT TO FIT  
INSIDE OF TITAN OUTLET GASKET TO ENSURE  
GASKET SEALS TO WALL

EXTERIOR WALL MOUNT HVAC LINE-SET PENETRATION  
OUTLET WITH ELASTOMERIC LINE-SET COMPRESSION  
SLEEVE (BASIS OF DESIGN: AIREX MANUFACTURING -  
TITAN TSS/TGS-50X-X) - SELECT WHITE OR GREY TO  
BLEND IN WITH EXTERIOR WALL FINISH COLOR - SEE  
SCHEDULE BELOW FOR OUTLET TYPE

HVAC LINE-SET WITH INSULATION FULLY TAPED AND SEALED (BOD; ISOTECH UV LINESET OR OTHER FORMICARY CORROSION RESISTANT LINESET) - ONLY ONE LINESET PER OUTLET IS ALLOWED

UV RESISTANT PVC PROTECTIVE INSULATION COVER FOR  
LINESET - LENGTH SHALL BE SUFFICIENT TO COVER LINE-SET  
COMPLETELY FROM FLASHING BOOT TO OUTDOOR UNIT  
CONNECTIONS (BASIS OF DESIGN: AIREX MANUFACTURING E-FLEX  
GUARD)

STAINLESS STEEL HOSE CLAMP TO FASTEN LINE-SET COVER TO  
PENETRATION BOOT

Diagram illustrating the fire-rated wall penetration assembly. The diagram shows a cross-section of a wall with a penetration. The assembly includes a fire-rated sealant (labeled "SEAL ANNUAL SPACE W/ SEALANT (USE FIRE-RATED SEALANT WHERE REQUIRED PER EXTERIOR WALL FIRE-RATING)") and a fire-rated cover (labeled "IF LINESET IS EXPOSED ON INTERIOR - PROTECT AND CONCEAL WITH RIGID LINE-SET COVER"). The diagram also shows the exterior and interior sides of the wall.

### HVAC LINE-SET PENETRATION BOOT ENLARGED DETAIL

STAINLESS STEEL HOSE CLAMP TO FASTEN LINE-SET COVER  
INSIDE PENETRATION FLASHING

UV RESISTANT PVC PROTECTIVE INSULATION COVER FOR  
LINESET - LENGTH SHALL BE SUFFICIENT TO COVER LINE-SET  
COMPLETELY FROM PIPE BOOT TO OUTDOOR UNIT CONNECTIONS  
(BASIS OF DESIGN: AIREX MANUFACTURING E-FLEX GUARD)

SEAL ENDS OF LINESET INSULATION TO EXPOS  
LINESET PIPING W/ SIKAFLEX 521 UV SEALA

OUTDOOR HVAC UNIT  
OUTDOOR HVAC UNIT PAD OR MOUNT

**EXTERIOR**

**INTERIOR**

**HVAC LINE-SET PENETRATION BOOT OVERVIEW**

Diagram illustrating the HVAC Line-Set Penetration Boot Overview. The system connects the interior unit to the exterior roof system. Key components labeled include:

- 1 BE301
- ROOF SYSTEM
- SEAL LINESET WITH APPROVED FLASHING TAPE
- HVAC LINE-SET SEAL-IT BOOT

## HVAC LINE-SET PENETRATION BOOT OVERVIEW

HVAC LINESET PENETRATION AT ROOF 3/4" = 1'-0" 4

## REVISIONS

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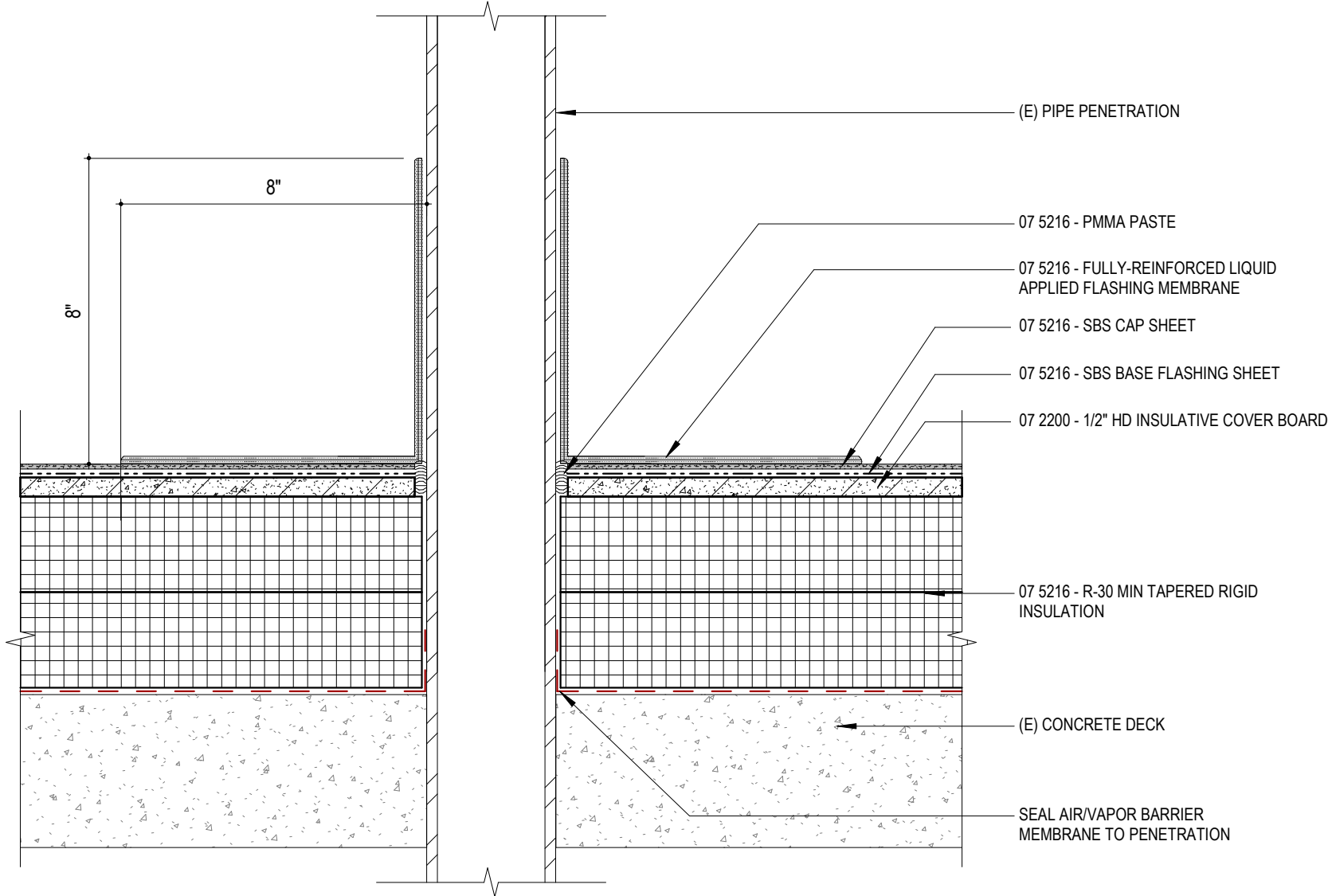
## TYPICAL DETAILS

### BE100

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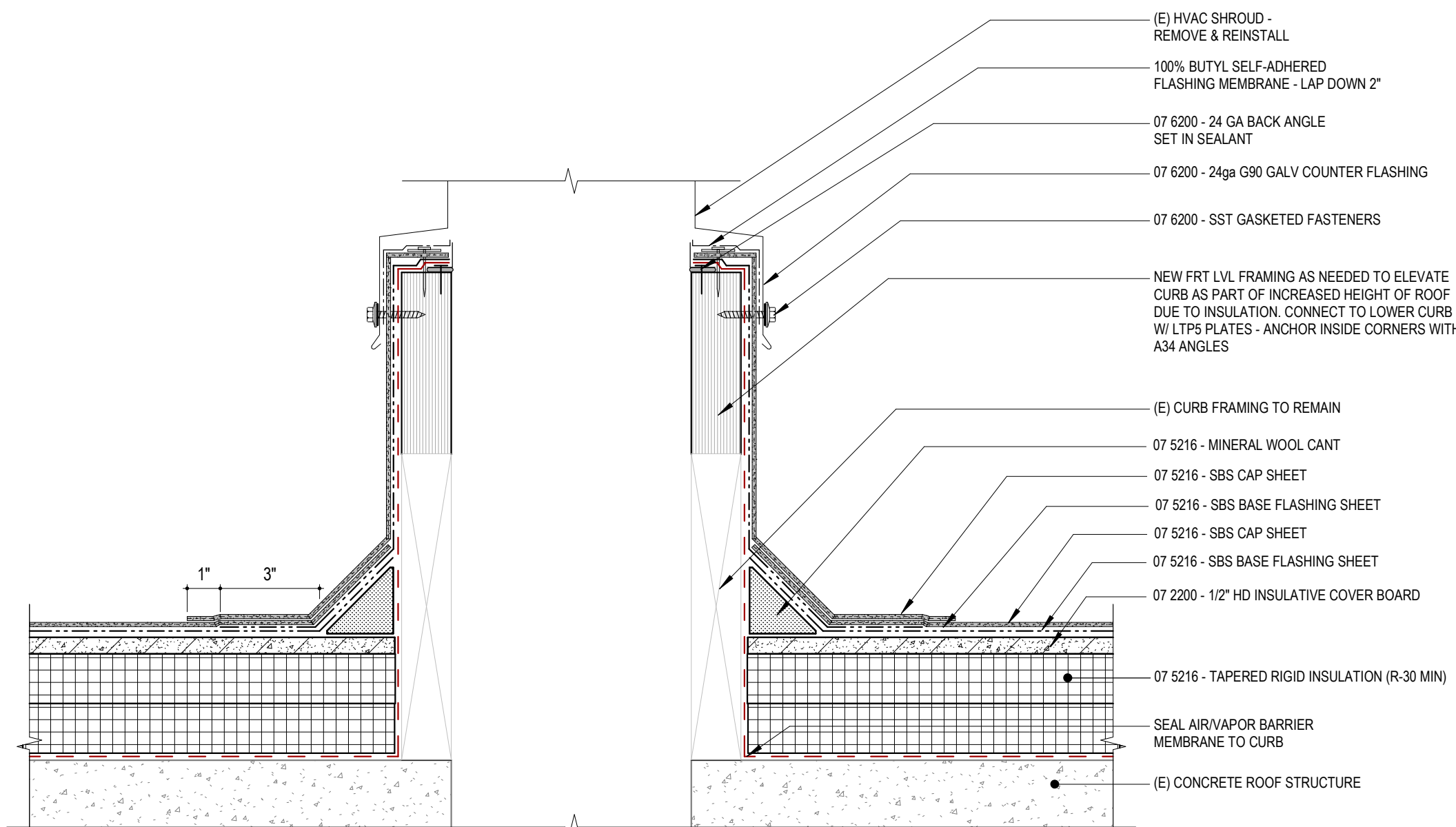
NOTES:  
1. REFERENCE SPECIFICATION FOR MEMBRANE ADHESIVE TYPE, AND INSULATION/COVER BOARD TYPE AND ATTACHMENT METHOD.  
2. PREPARE AND CLEAN PIPE PRIOR TO APPLYING FLASHING.



2-PLY SBS MEMBRANE PLUMBING STACK PENETRATION - CONCRETE

3" = 1'-0"

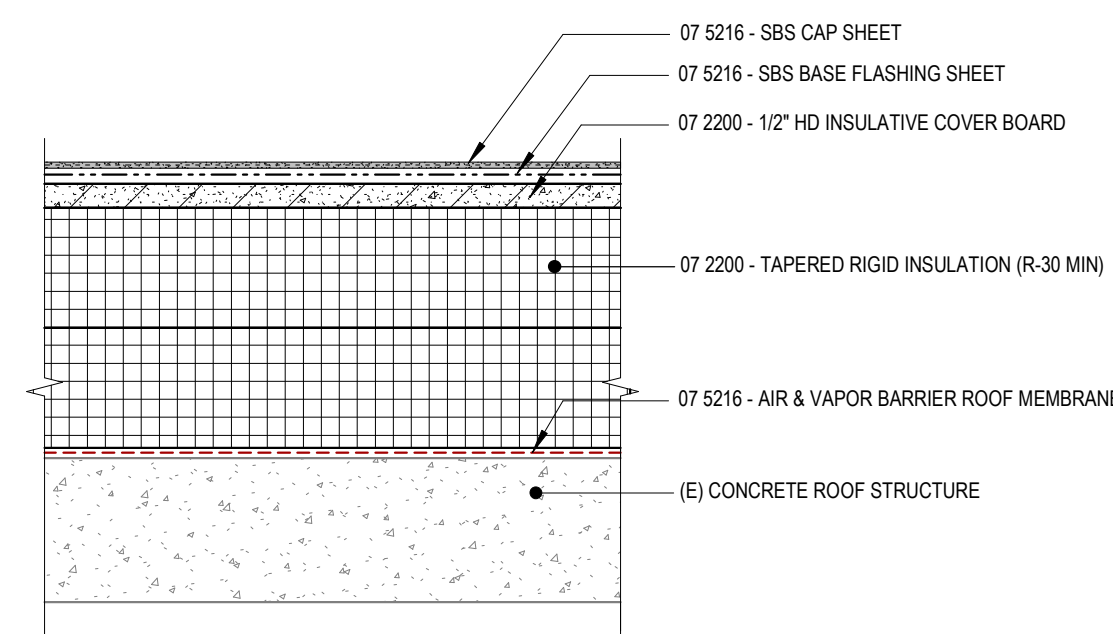
7



2-PLY SBS MEMBRANE - TYPICAL MECH CURB - CONCRETE

3" = 1'-0"

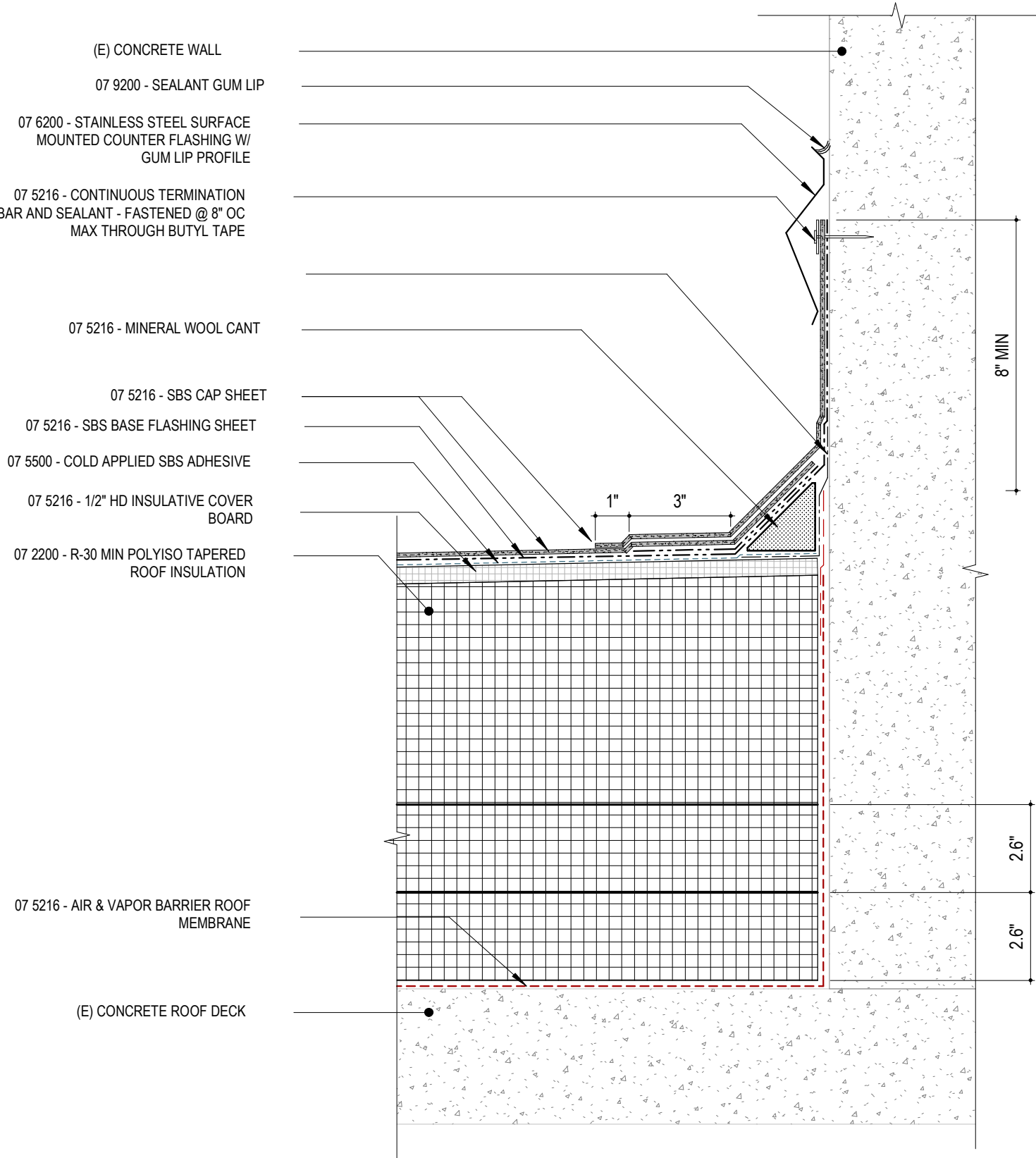
4



2-PLY SBS MEMBRANE - TYPICAL ROOF ASSEMBLY - CONCRETE

3" = 1'-0"

1

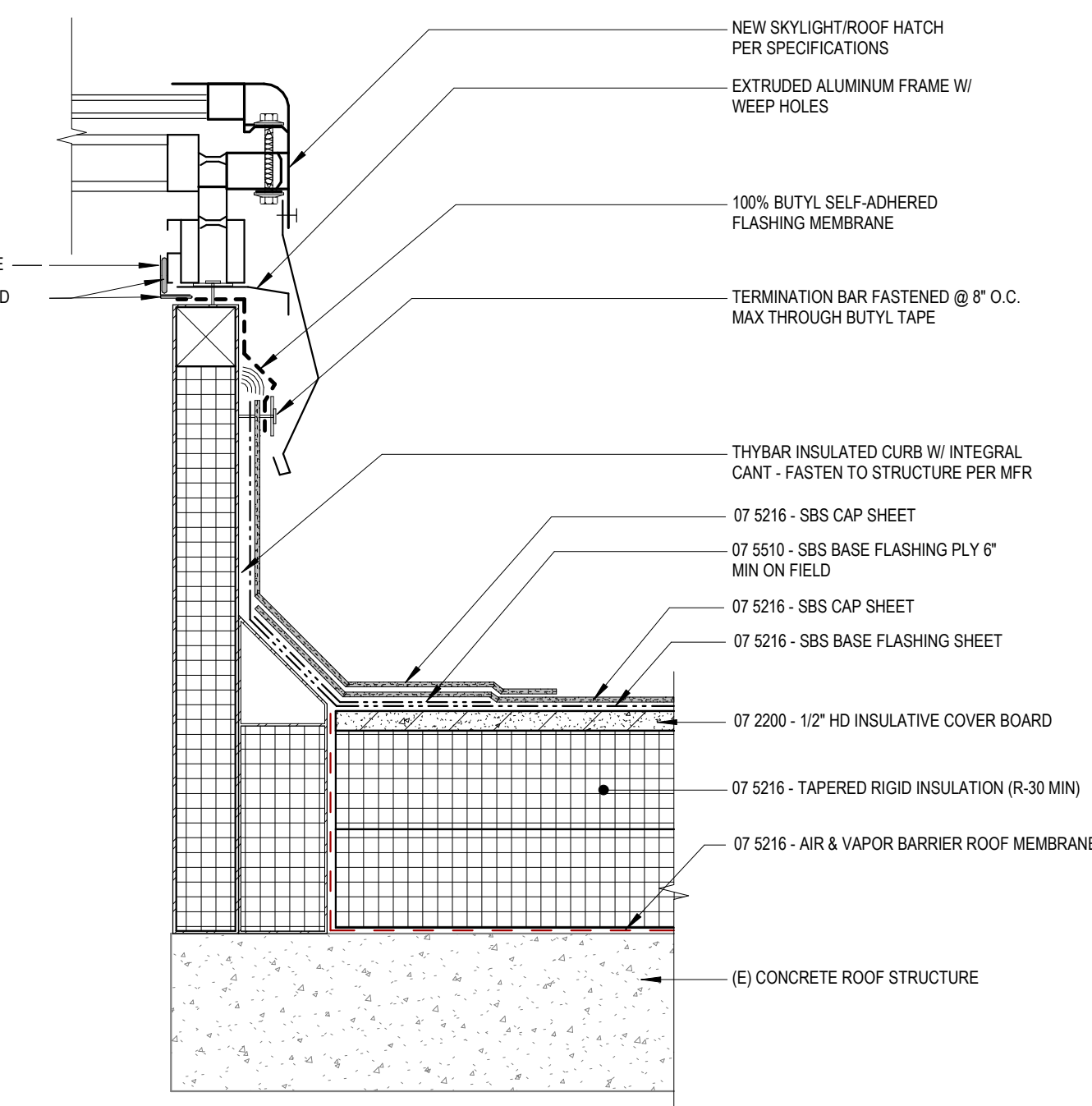


2-PLY SBS MEMBRANE - ROOF TO WALL - CONCRETE WALL AND DECK

3" = 1'-0"

8

NOTES:  
1. REFERENCE SPECIFICATION FOR MEMBRANE ADHESIVE TYPE, AND INSULATION/COVER BOARD TYPE AND ATTACHMENT METHOD.



2-PLY SBS MEMBRANE - TYPICAL ROOF HATCH/SKYLIGHT - CONC

3" = 1'-0"

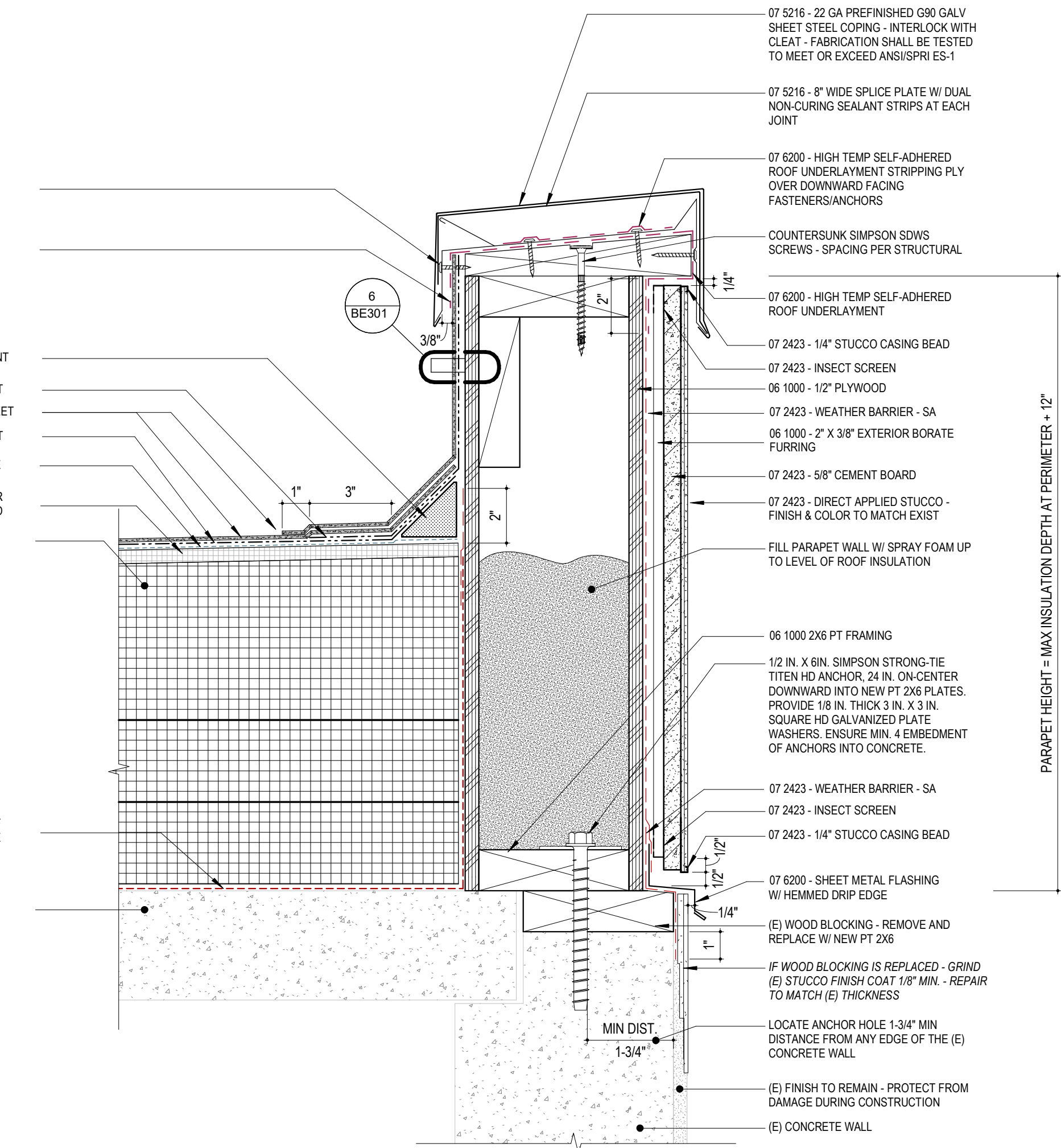
5

FASTEN IN THIRD FULL HOLE FROM DRIP - DO NOT OVERTIGHTEN TO MAINTAIN 3/8" NEEDED GAP PER GAF DETAIL

07 5216 - MINERAL WOOL CANT  
07 5216 - SBS CAP SHEET  
07 5216 - SBS BASE FLASHING SHEET  
07 5216 - SBS BASE FLASHING SHEET  
07 5216 - COLD APPLIED SBS ADHESIVE  
07 5216 - 12" HD INSULATIVE COVER BOARD  
07 5216 - R-30 MIN POLYISO TAPERED ROOF INSULATION

07 5216 - AIR & VAPOR BARRIER ROOF MEMBRANE

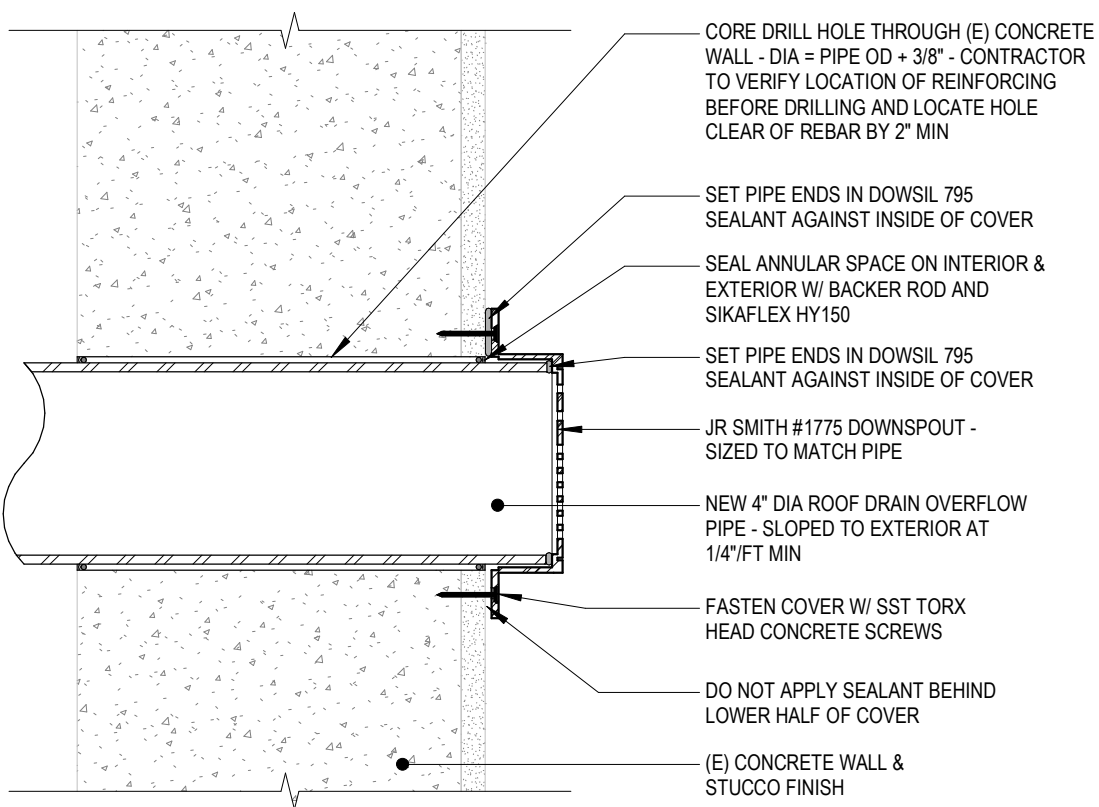
(E) CONCRETE ROOF DECK



BUILDING 1 - PARAPET DETAIL

3" = 1'-0"

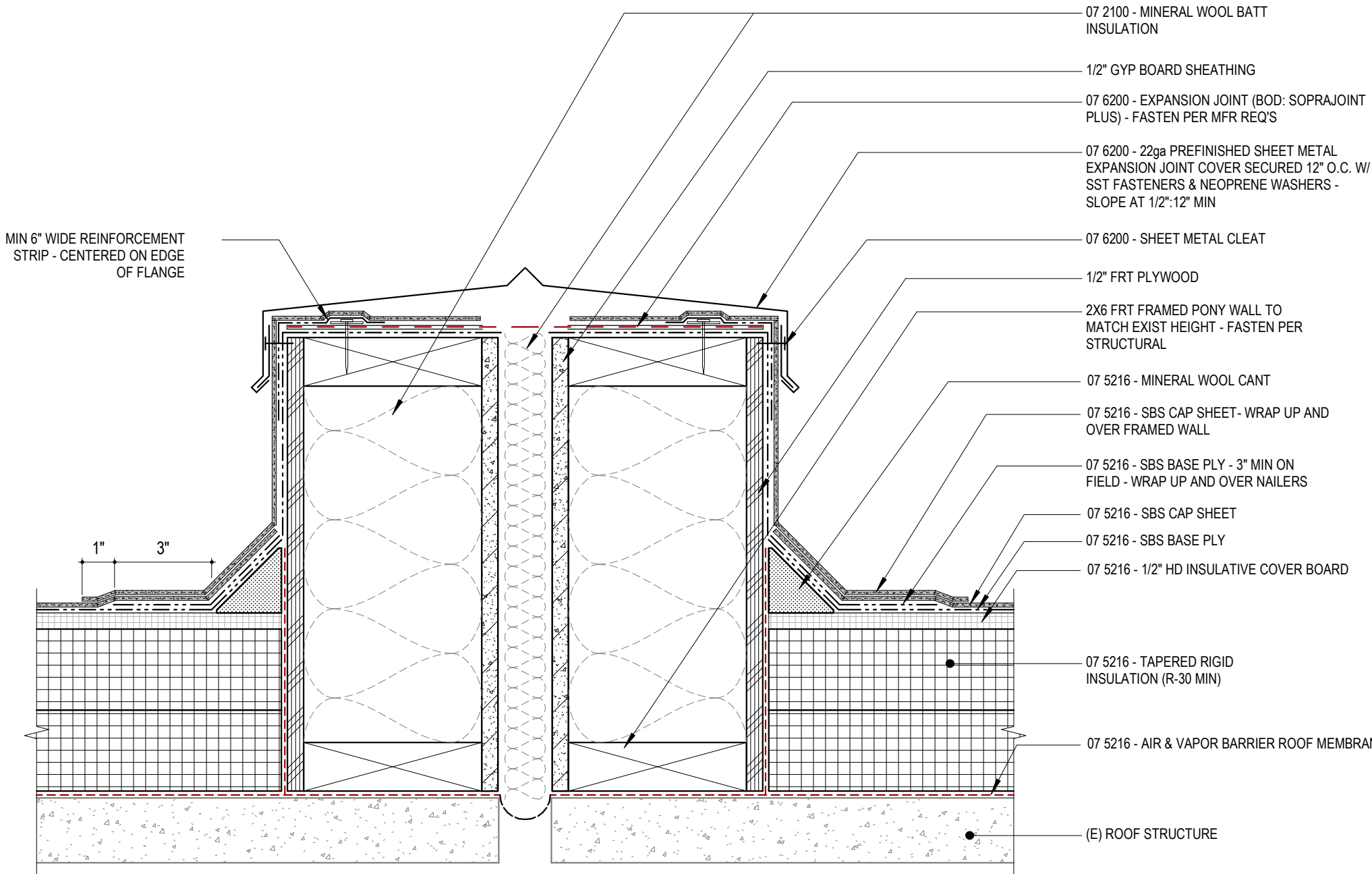
2



NEW OVERFLOW DRAIN THROUGH (E) CONC WALL

3" = 1'-0"

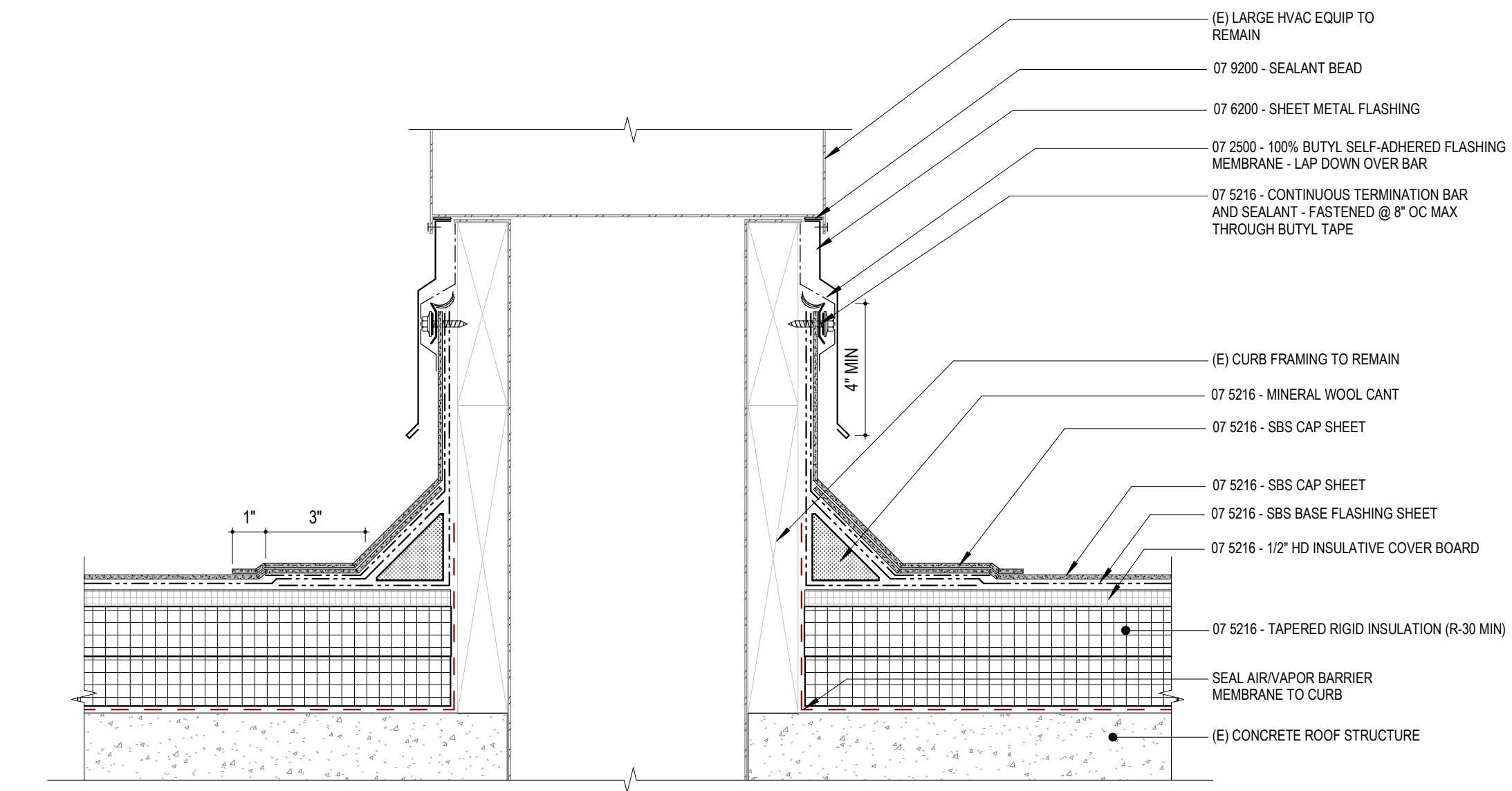
9



2-PLY SBS MEMBRANE - EXPANSION JOINT - CONCRETE

3" = 1'-0"

6



2-PLY SBS MEMBRANE - LARGE MECH EQUIP CURB - CONCRETE

3" = 1'-0"

3

OR25-059 - COLUMBIA GORGE COMMUNITY COLLEGE - <None>  
400 EAST SCENIC DRIVE, THE DALLES, OR 97058  
BID SET

REVISIONS

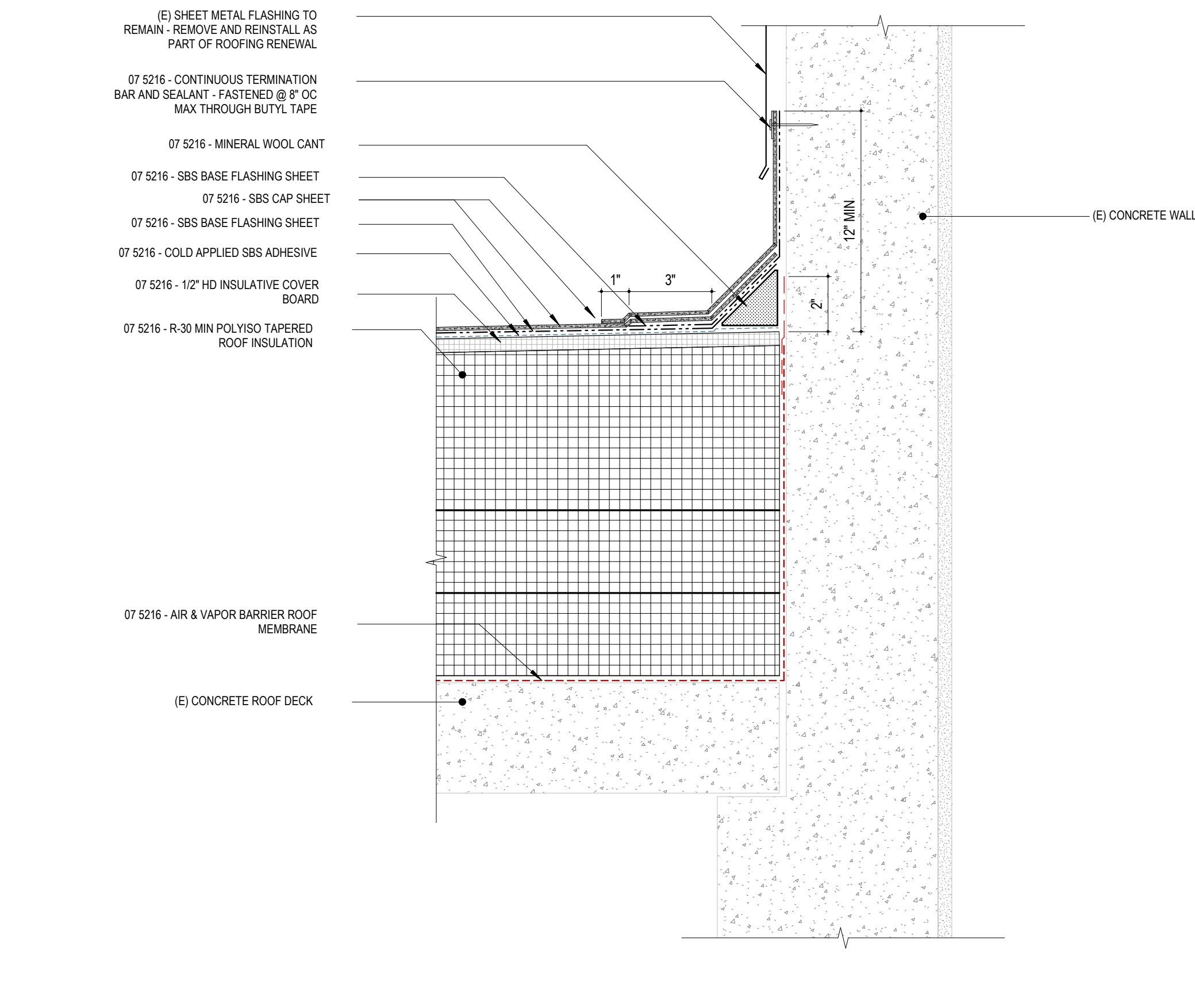
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ROOFING - CONC  
BE300

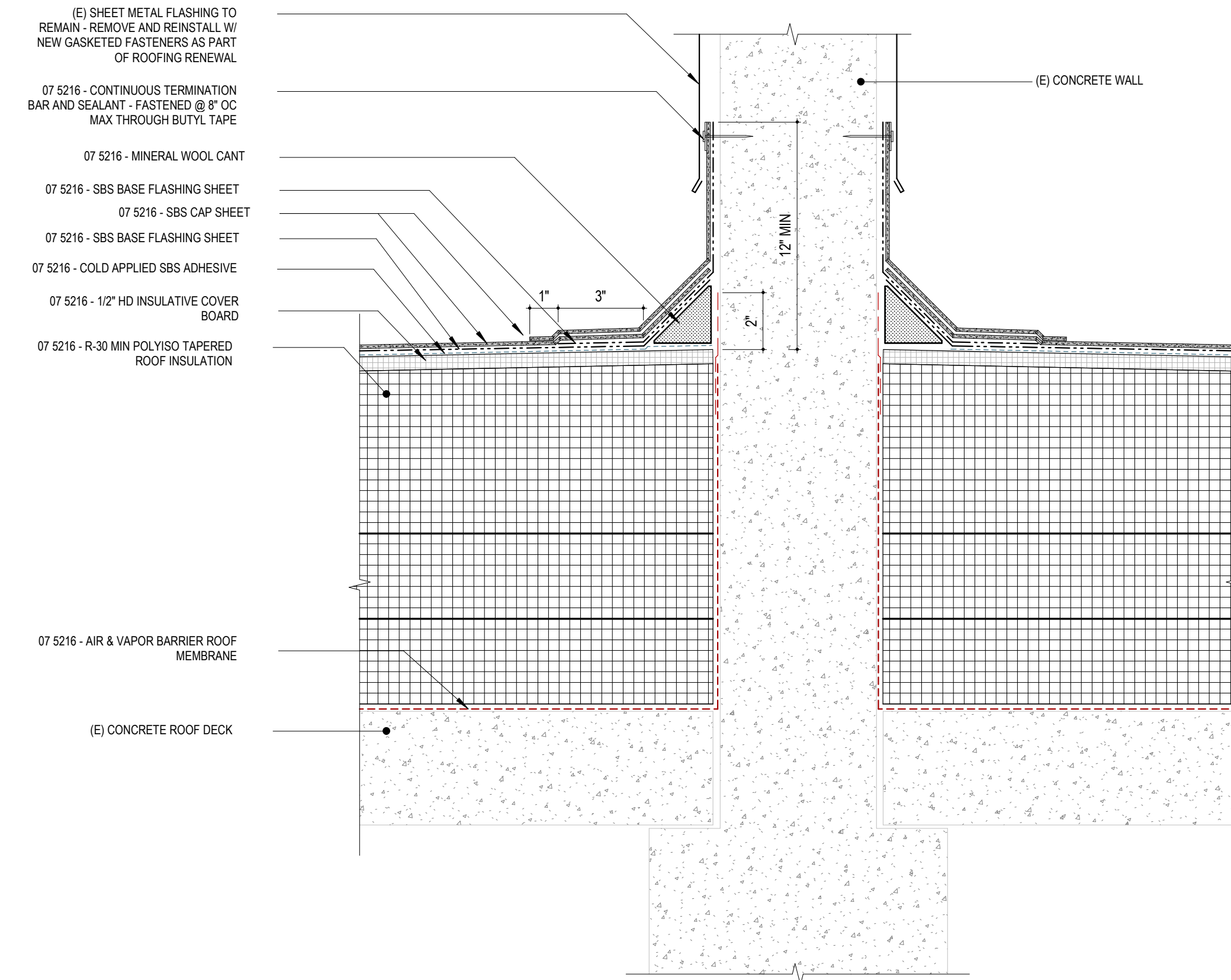
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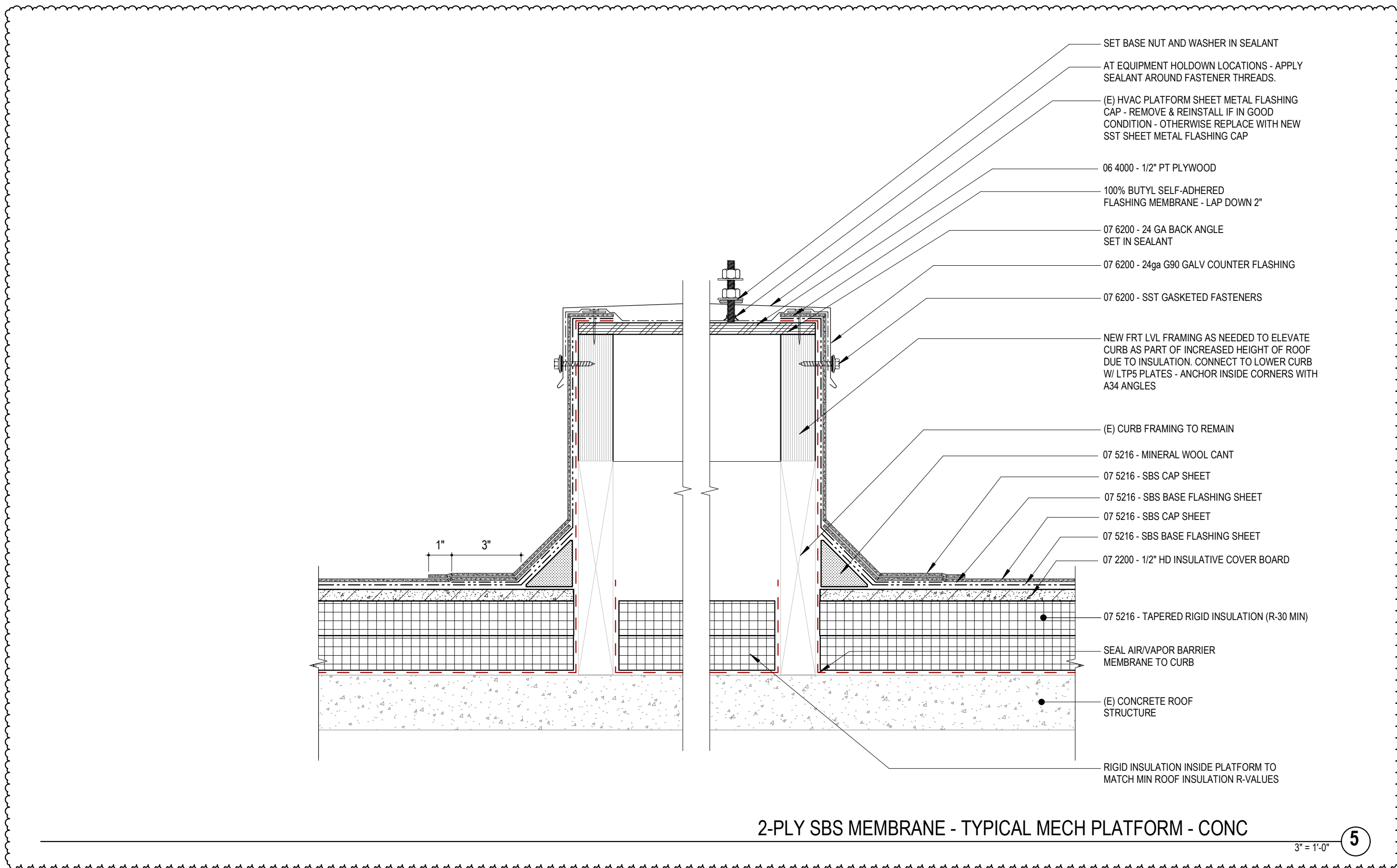
2-PLY SBS MEMBRANE - TALL PARAPET DETAIL W/ (E) FLASHING AT CONC WALL

3\"/>



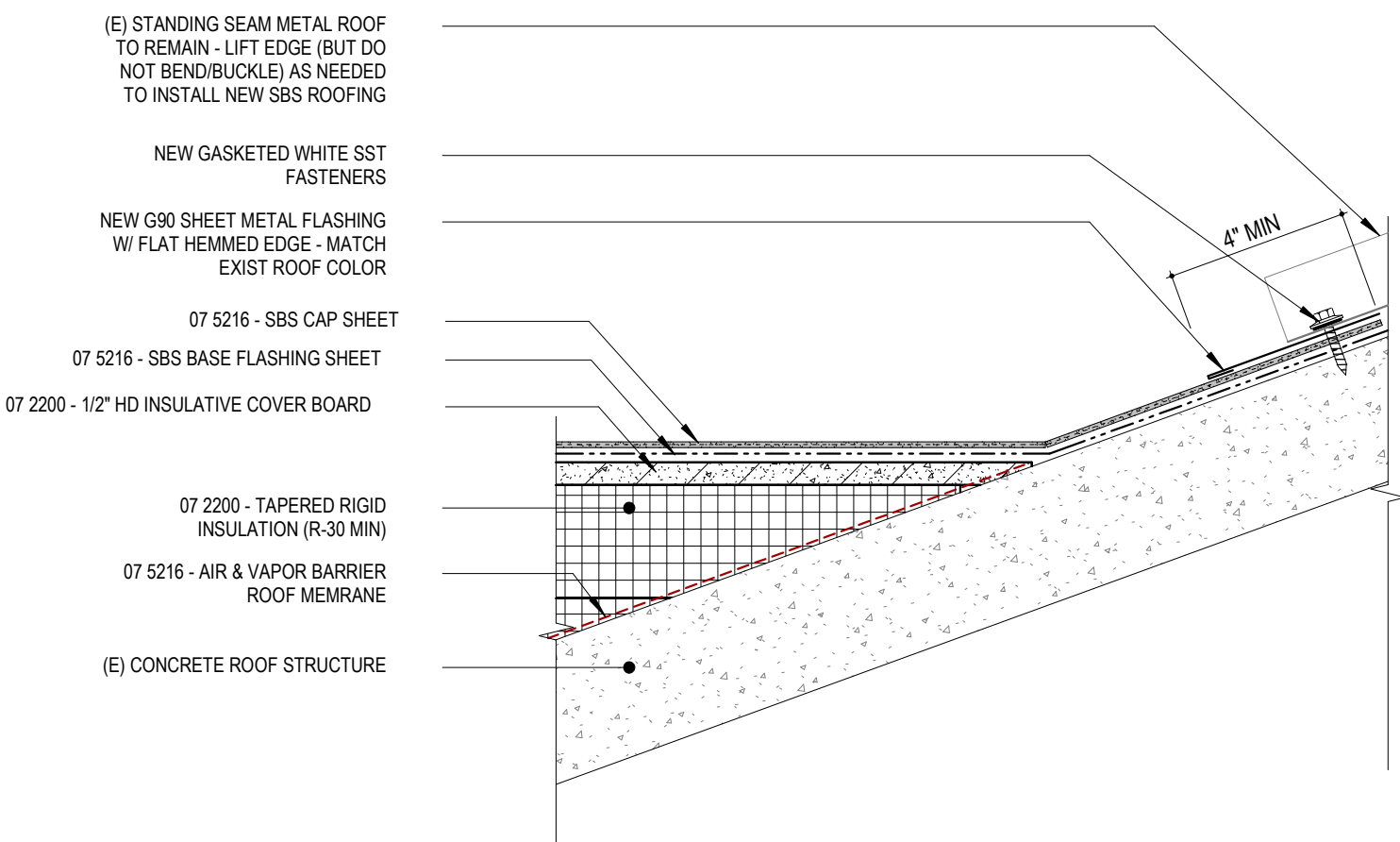
2-PLY SBS MEMBRANE - NEW ROOF DRAIN - CONCRETE

3\"/>



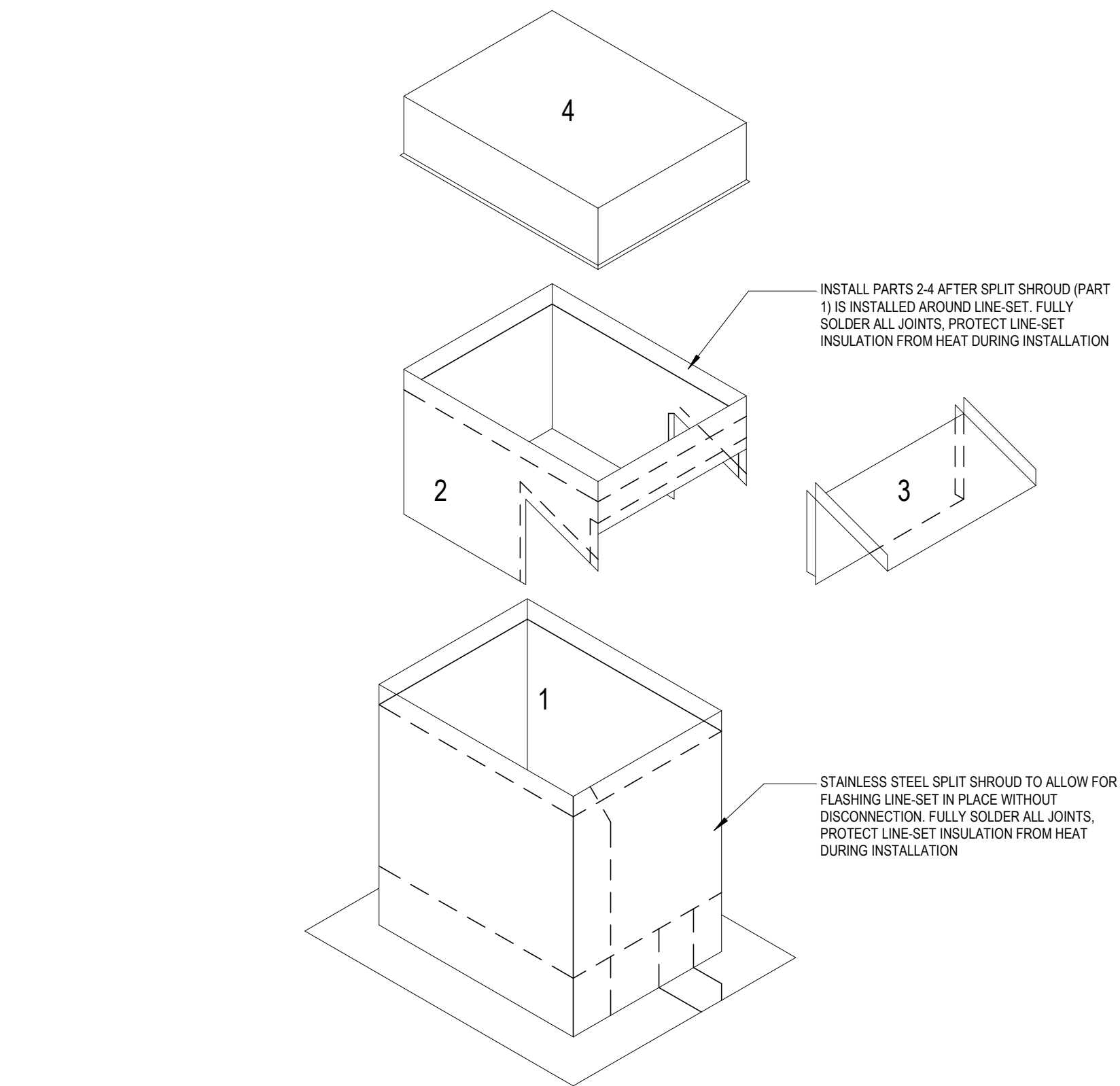
2-PLY SBS MEMBRANE ROOF TO TALL PARTITION WALL DETAIL

3\"/>



07 5216 - 2-PLY SBS MEMBRANE - LINE-SET SHROUD PENETRATION

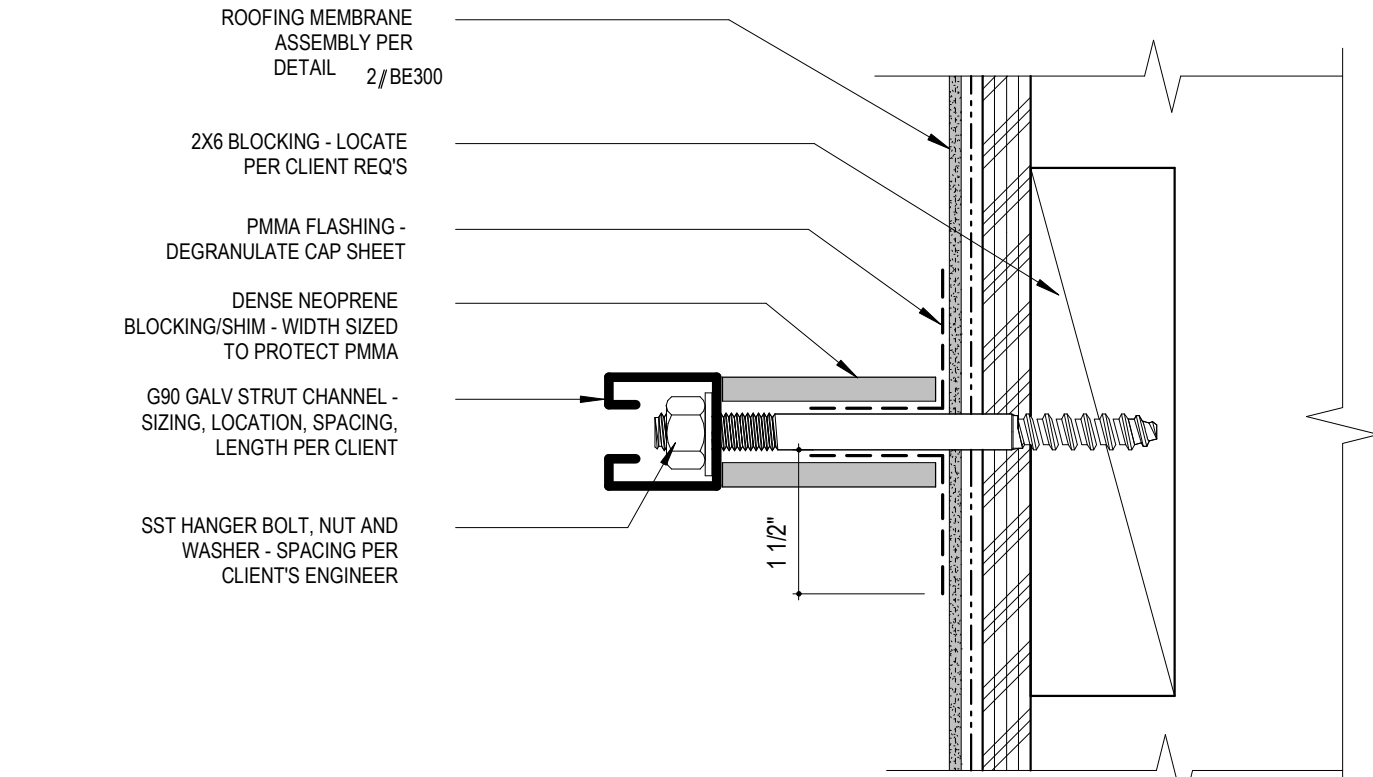
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SHROUD PENETRATION SEQUENCE

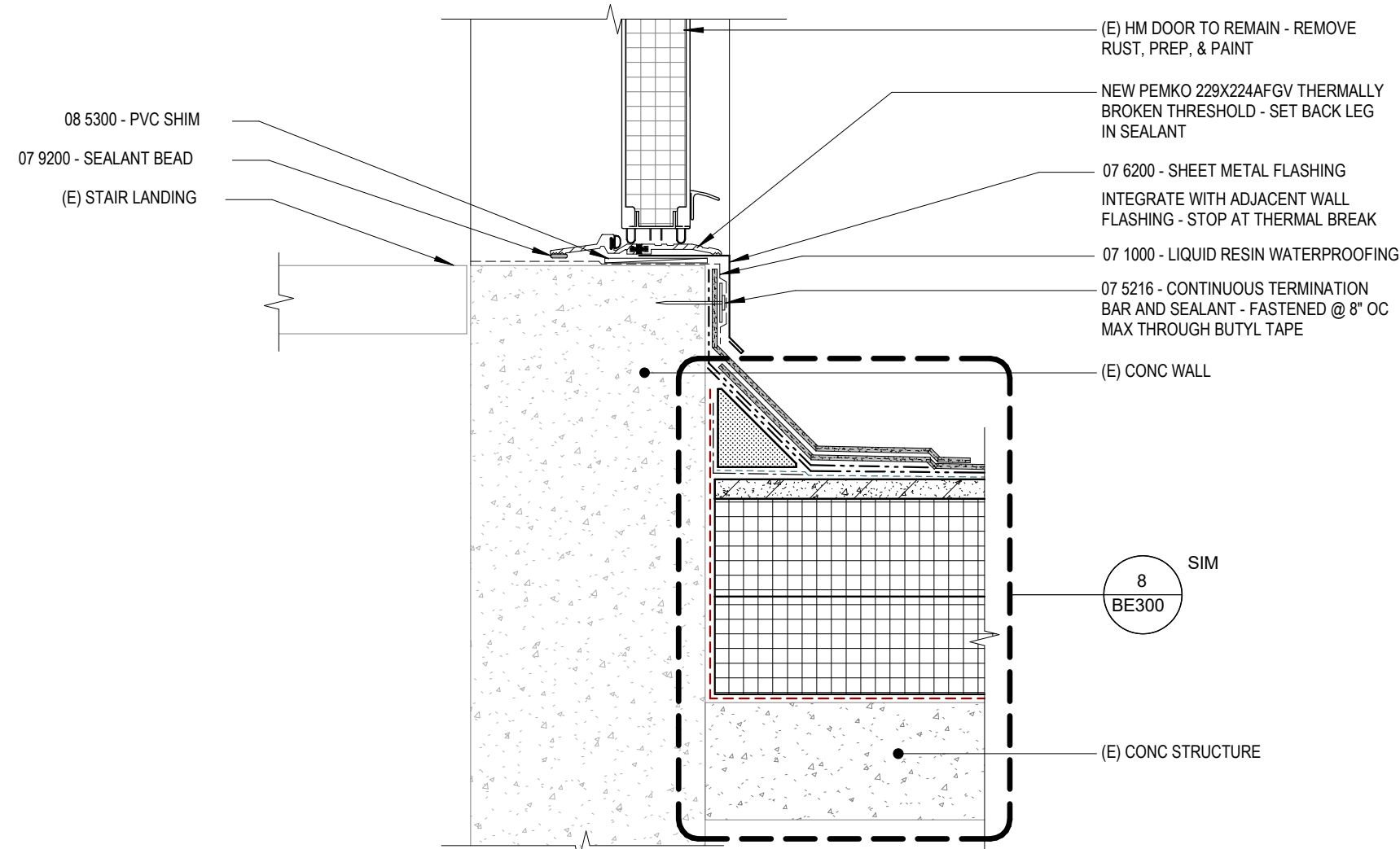
3\"/>

- NOTES:
1. DISTANCE OF FLASHING DOWN LEG OFFSET TO SUIT VENTING AND TRIMS AT CORNERS. UNDERSIDE TO BE FINISHED IF MORE THAN 1 INCH AND/OR VISIBLE.
  2. SELF ADHERED MEMBRANE TO LAP 2 INCH ONTO SHEATHING, 2 INCH ONTO WEATHER RESISTIVE BARRIER AND 2 INCH ONTO FLASHING MINIMUM.
  3. WET SET THRESHOLD BEFORE SEALANT SKINS OVER.
  4. POSITIVELY INTEGRATE SILL WATERPROOFING WITH WATERPROOFING AT JAMB. SLOPE TO DRAIN.



STRUT CHANNEL ATTACHMENT TO PARAPET

6\"/>



OUTSWINGING DOOR SILL AT CONCRETE

3\"/>



