

GROUP BTH-1

SEALANTS FOR USE UNDER BARRITHANE VP ONLY

CCW-LM-800XL

OTHERS AS APPROVED BY CARLISLE

GROUP BTH-2

SEALANTS FOR USE OVER OR UNDER BARRITHANE VP

BARRIBOND

CCW-201

CARLISLE UNIVERSAL SINGLE PLY SEALANT

CCW-GREENBOND

CARLISLE SURE-SEAL LAP SEALANT

OTHERS AS APPROVED BY CARLISLE

GROUP BTH-3

SILICONE SEALANTS FOR USE OVER BARRITHANE VP ONLY

DOW 756, 758, 790

GE SCS 2000, 9000,

SPECTREM 1, SPECTREM 3

GROUP BTH-A

MASTIC TYPE INSULATION ADHESIVES – APPROVED FOR BONDING  
FOAM BOARD TO CURED BARRITHANE VP

BARRIBOND

CCW-LM-800XL

CCW-GREENBOND

OTHERS AS APPROVED BY CARLISLE

NOTES:

FOLLOW  
APPLICATION  
INSTRUCTIONS BY  
SEALANT  
MANUFACTURER

DO NOT INSTALL 1  
PART SEALANTS  
INTO JOINTS  
EXCEEDING 1/2 INCH  
DEPTH

BTH-0A

BARRITHANE VP  
APPROVED SEALANTS



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Material	Status	Comments
Plywood	Recommended	Moisture content of wood shall be below 20%.
OSB	Recommended	
Lumber—standard, pressure —treated or fire—treated	Recommended	
Glass—Faced Gypsum Sheathing – Example: Dens—Glass Gold	Recommended	Coat raw edge of gypsum with CCW contact adhesive
Plain Gypsum Sheathing – Example: USG Fiberock	Recommended	Coat raw edge of gypsum with CCW contact adhesive
Structural steel	Recommended	Remove loose rust and scale.
Concrete	Recommended	Allow concrete to cure 3 days minimum.
Concrete block, brick and stone	Recommended	Joints shall be free of voids, struck flush and mortar droppings removed from ties and surfaces.
Aluminum, (sheet, foil, and extrusion)	Recommended	
Un—faced EPS Insulation	Recommended	
Poly—faced EPS and XPS Insulation	Recommended	
Copper Flashing	Recommended	
Stainless Flashing	Recommended	
Ridgid PVC Window Extrusion	Recommended	
Painted Surfaces	Recommended	
2# Closed Cell Spray Foam, Full Coverage dispense from Foam Rig	Recommended	Recommended, provided that maximum thickness per pass as dictated by foam manufacturer is followed. Excessive heat build and shrinkage of foam may cause damage.

Notes:

All surfaces shall be clean, sound and dry.

These recommendations are intended to assist the design professional and the installer to determine compatibility of Barrithane VP with materials commonly encountered in building assemblies. All Carlisle products shall be installed as indicated in drawings and literature. Recommendations in this document do not extend any approval for use of Carlisle products beyond the provisions in Carlisle's warranties.

BTH—0B

ADHESION AND CHEMICAL COMPATIBILITY  
OF BARRITHANE VP WITH GENERIC  
BUILDING MATERIALS



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Material	Contact	Comments
Strong acids and bases (examples: Muriatic Acid, Lye)	Not Permitted	Membrane can be damaged by exposure to these.
Oil and Grease (examples: vegetable oil, animal fat, motor oil)	Not Permitted	Oil or grease will soften membrane.
Organic solvents (examples: toluene, mineral spirits)	Limited Exposure	Solvent-based sealants, coatings and primers can be applied to cured Barrithane VP. However, solvents must be allowed to flash from these products before covering with Barrithane VP. Soaking Barrithane VP membrane with solvents or solvent-based cleaners is not recommended.
Bird droppings	Limited Exposure	At ledges and similar areas, clean accumulated bird droppings and nest materials from Barrithane VP with detergent solution before covering with cladding system.
Soil	Permitted	Barrithane VP is for use above grade. Installed product can get dirty. Barrithane VP is chemically resistant to soil.
Detergent solutions (examples: soap and water, citrus cleaner)	Permitted	Allow full cure before exposure.
Rain water	Permitted	Allow full cure before exposure.
Salt water spray/mist	Permitted	Allow full cure before exposure.
Standing water	Limited Exposure	Barrithane VP is recommended for above grade use, in vertical wall assemblies. It will withstand intermittent standing water, suitable for use in window sills and similar horizontal projections as shown in details.

Notes:

These recommendations are intended to assist the design professional and the installer to determine compatibility of Barrithane VP with materials commonly encountered in building assemblies. All Carlisle products shall be installed as indicated in drawings and literature. Recommendations in this document do not extend any approval for use of Carlisle products beyond the provisions in Carlisle's warranties.

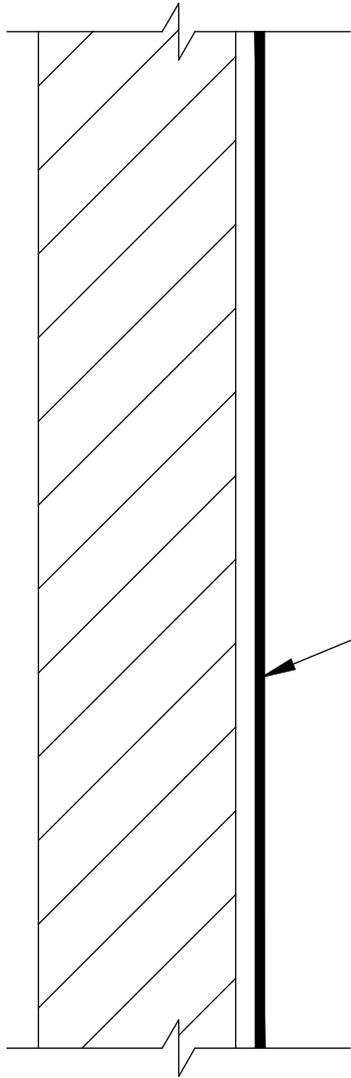
BTH-0C

CHEMICAL RESISTANCE OF  
BARRITHANE VP



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EXTERIOR GYPSUM  
OR WOOD SHEATHING



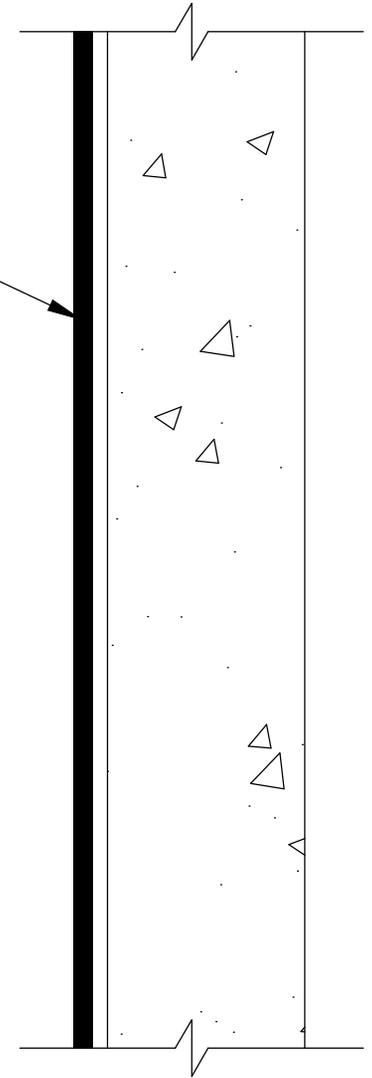
BARRITHANE VP,  
MINIMUM 15-25 WET MILS

BARRITHANE VP, SINGLE  
OR MULTIPLE COATS,  
30-50 WET MILS

NOTES:

1. FOR MULTI-COAT APPLICATION, ALLOW PREVIOUS COAT TO DRY FIRM BEFORE APPLICATION OF SUBSEQUENT COAT

CONCRETE OR  
MASONRY SUBSTRATE



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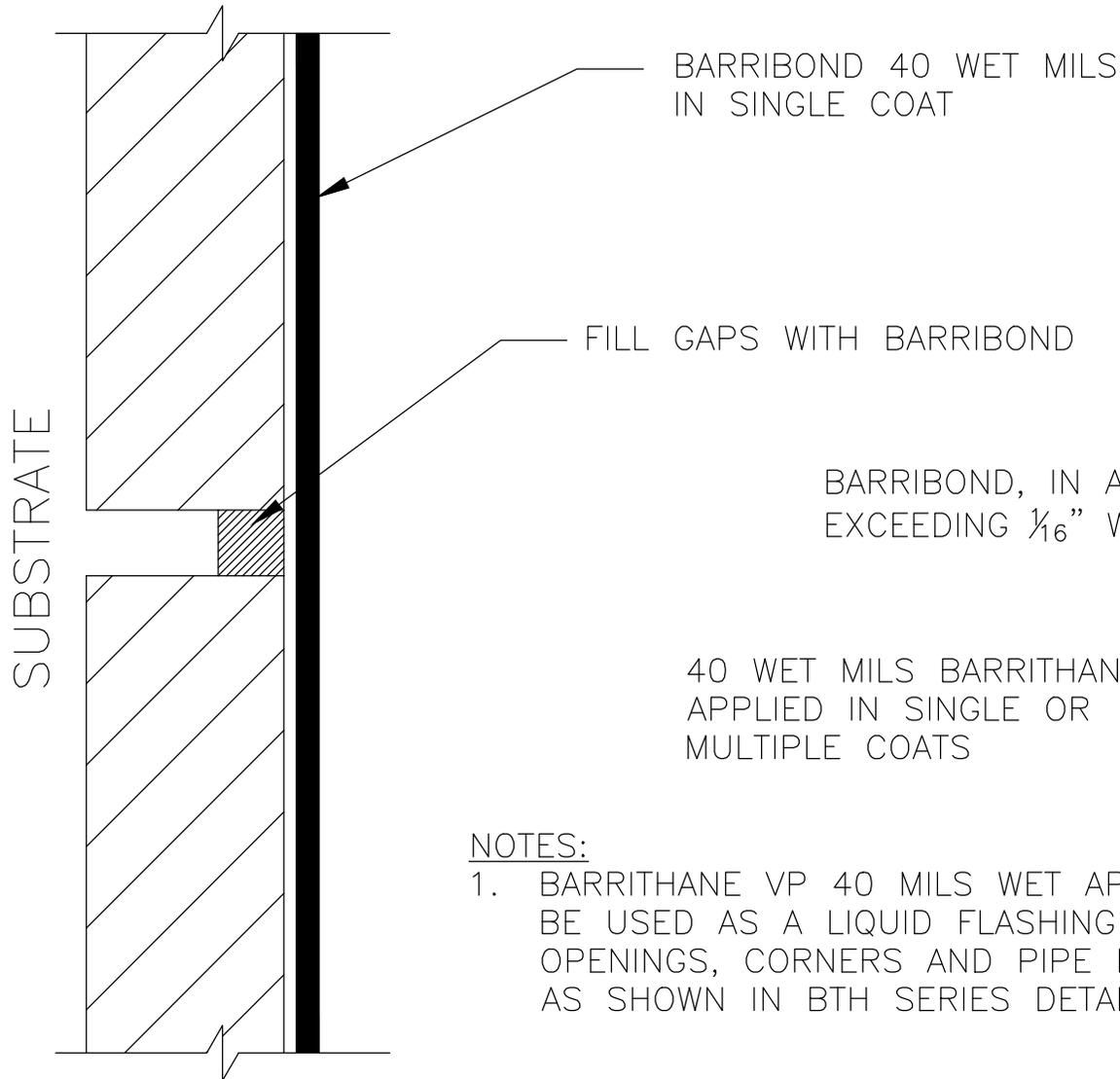
BTH-1A

BARRITHANE VP COVERAGE

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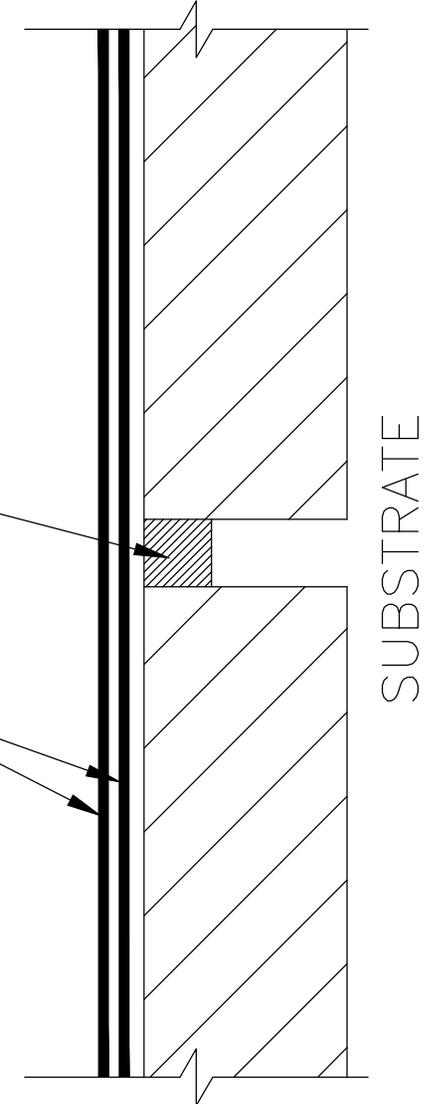
# BARRIBOND TROWEL APPLICATION



### NOTES:

1. BARRITHANE VP 40 MILS WET APPLICATION CAN BE USED AS A LIQUID FLASHING IN WINDOW OPENINGS, CORNERS AND PIPE PENETRATIONS AS SHOWN IN BTH SERIES DETAILS

# BARRITHANE VP ROLLER OR BRUSH APPLICATION



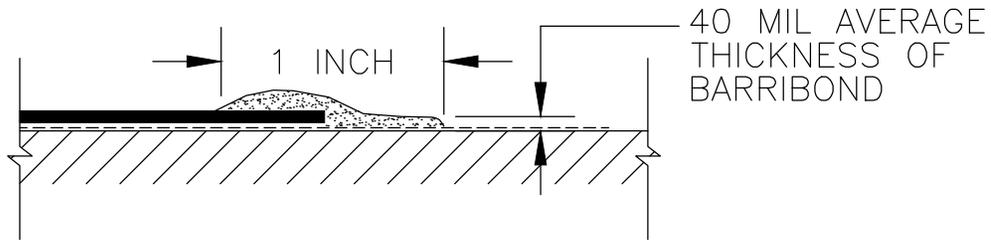
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BTH-1B

LIQUID FLASHING APPLICATION



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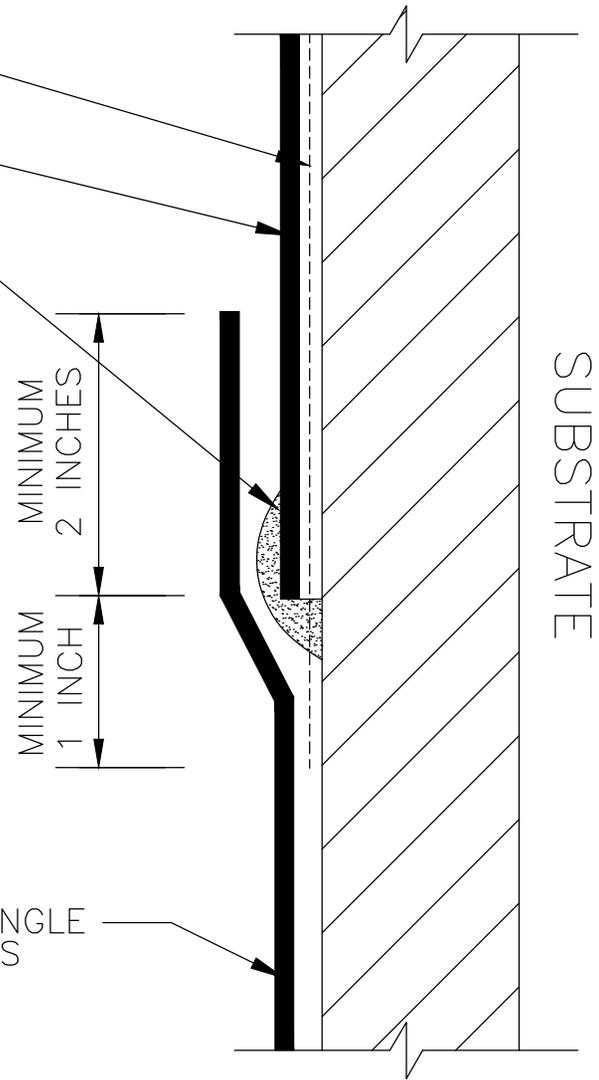


BARRITHANE VP  
OVER AVB  
DETAIL STRIP

CCW CONTACT ADHESIVE  
 CCW-705, 705FR-A  
 OR CCW-705-TWF  
 BARRIBOND, BTH-1  
 OR BTH-2 APPROVED  
 SEALANT (REF BTH-0A)

NOTES:

1. CCW CONTACT ADHESIVE SHALL EXTEND 1 INCH MINIMUM BEYOND EDGE OF AVB STRIP DETAIL
2. BARRITHANE VP SYSTEM SHALL LAP 2 INCHES MINIMUM ONTO AVB STRIP DETAIL



BARRITHANE VP, SINGLE OR MULTIPLE COATS (REF BTH-1A)

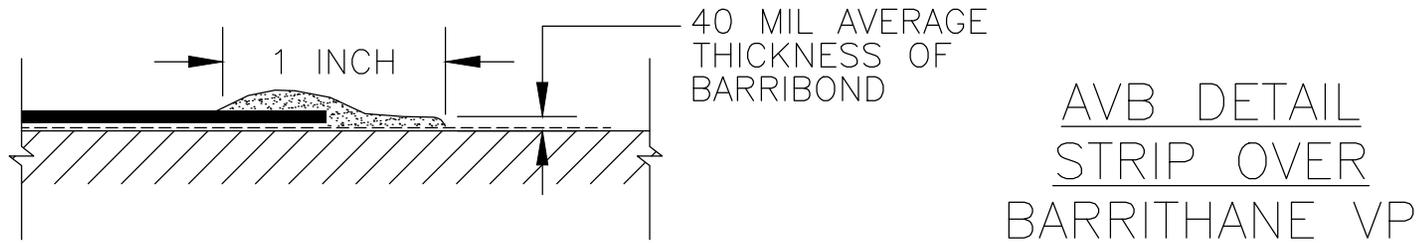
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BTH-2A

BARRITHANE VP/AVB DETAIL STRIP TERMINATION 1



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CAV-GRIP OR TRAVEL TACK

CCW-705 OR 705FR-A OR CCW-705-TWF

BARRIBOND OR BTH-2 APPROVED SEALANT (REF BTH-0A)

NOTES:

1. ALLOW BARRITHANE VP TO FULLY CURE BEFORE INSTALLATION OF AVB DETAIL STRIP
2. SURFACE SHALL BE CLEAN, FREE OF DIRT AND DEBRIS

MINIMUM 1 INCH

BARRITHANE VP, SINGLE OR MULTIPLE COATS (REF BTH-1A)

SUBSTRATE

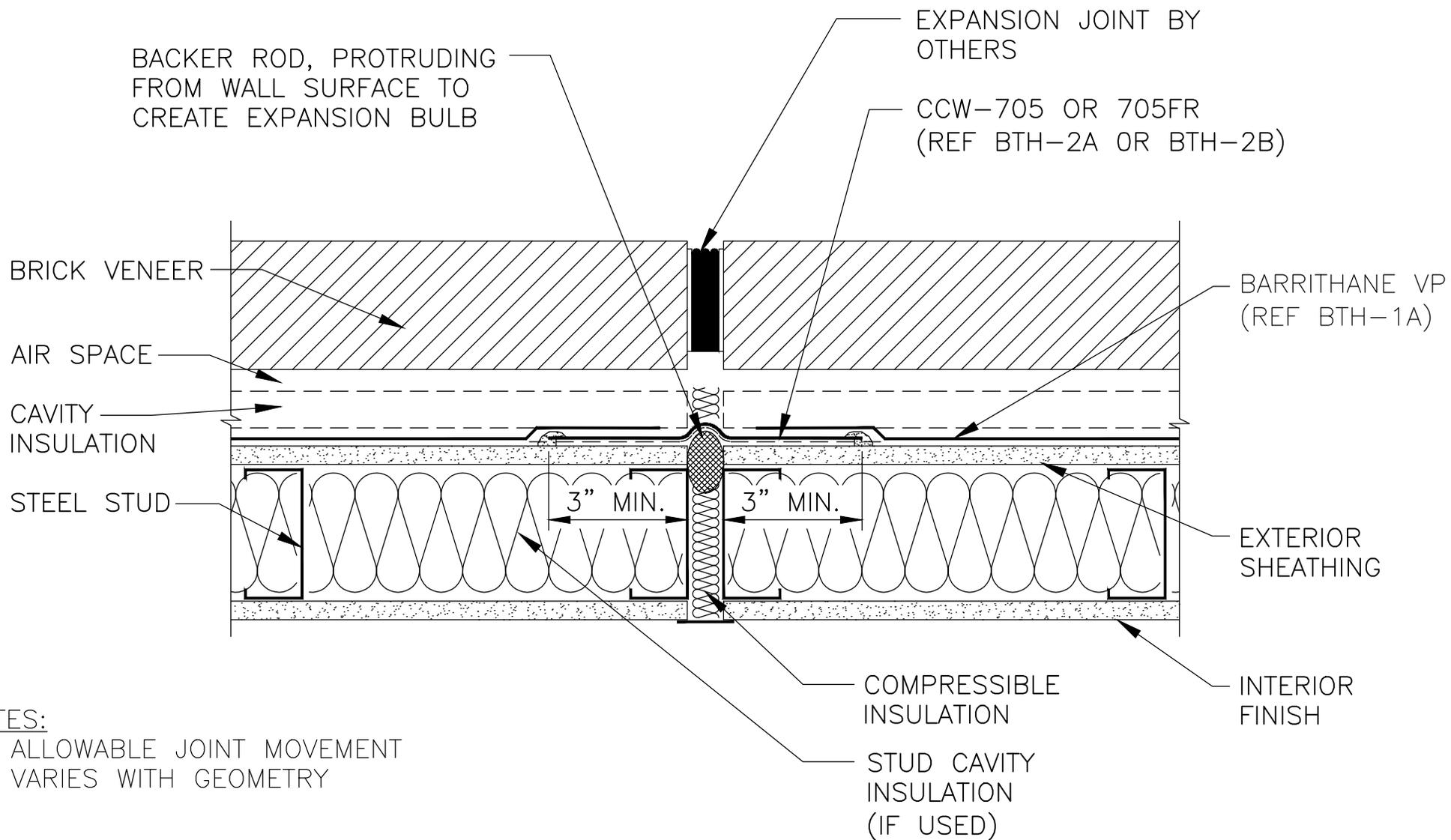
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BTH-2B

BARRITHANE VP/AVB DETAIL STRIP TERMINATION 2



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**NOTES:**

1. ALLOWABLE JOINT MOVEMENT VARIES WITH GEOMETRY

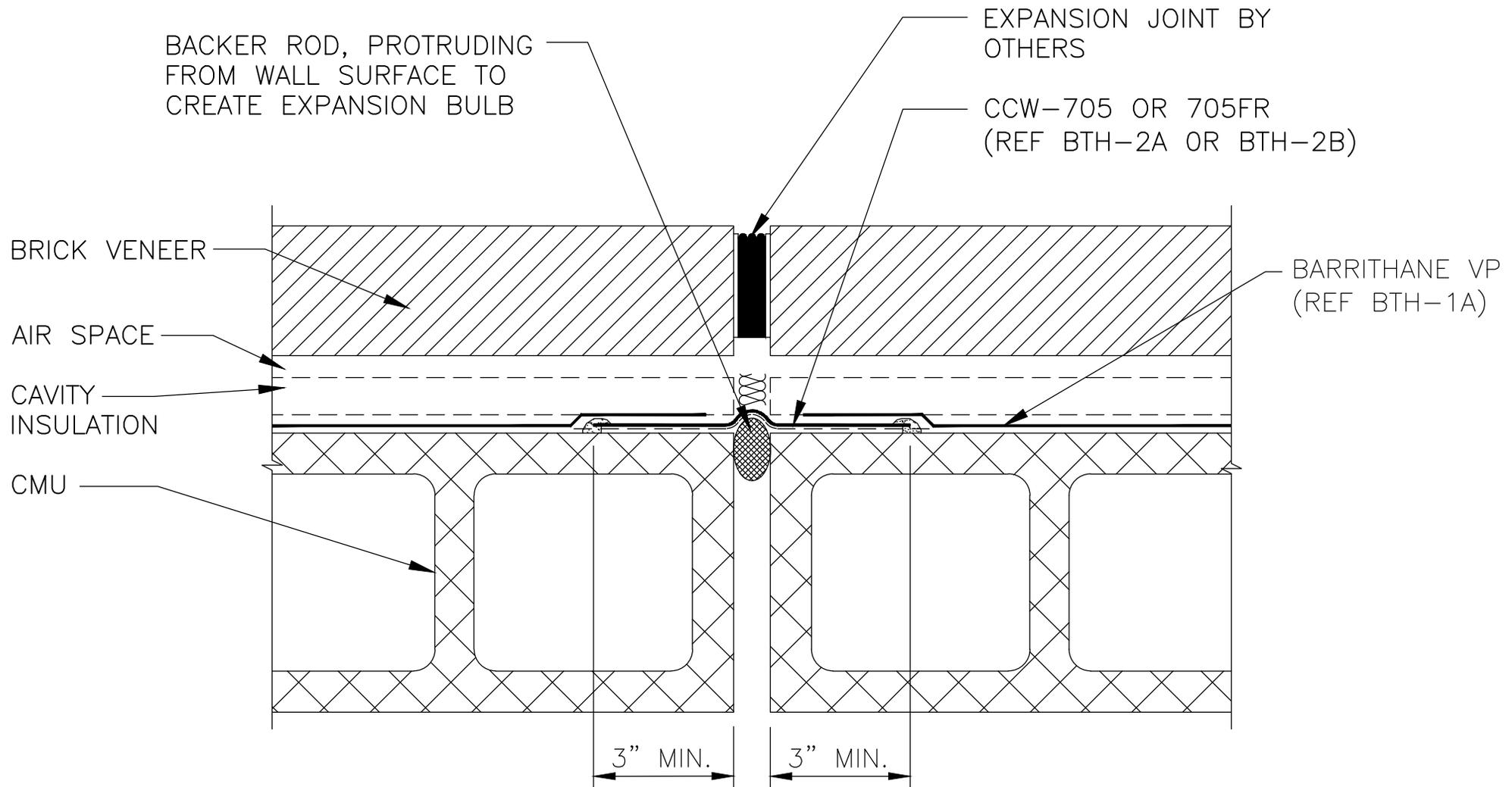
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BTH-3A

EXTERIOR SHEATHING  
VERTICAL EXPANSION JOINT



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- NOTES:
1. ALLOWABLE JOINT MOVEMENT VARIES WITH GEOMETRY

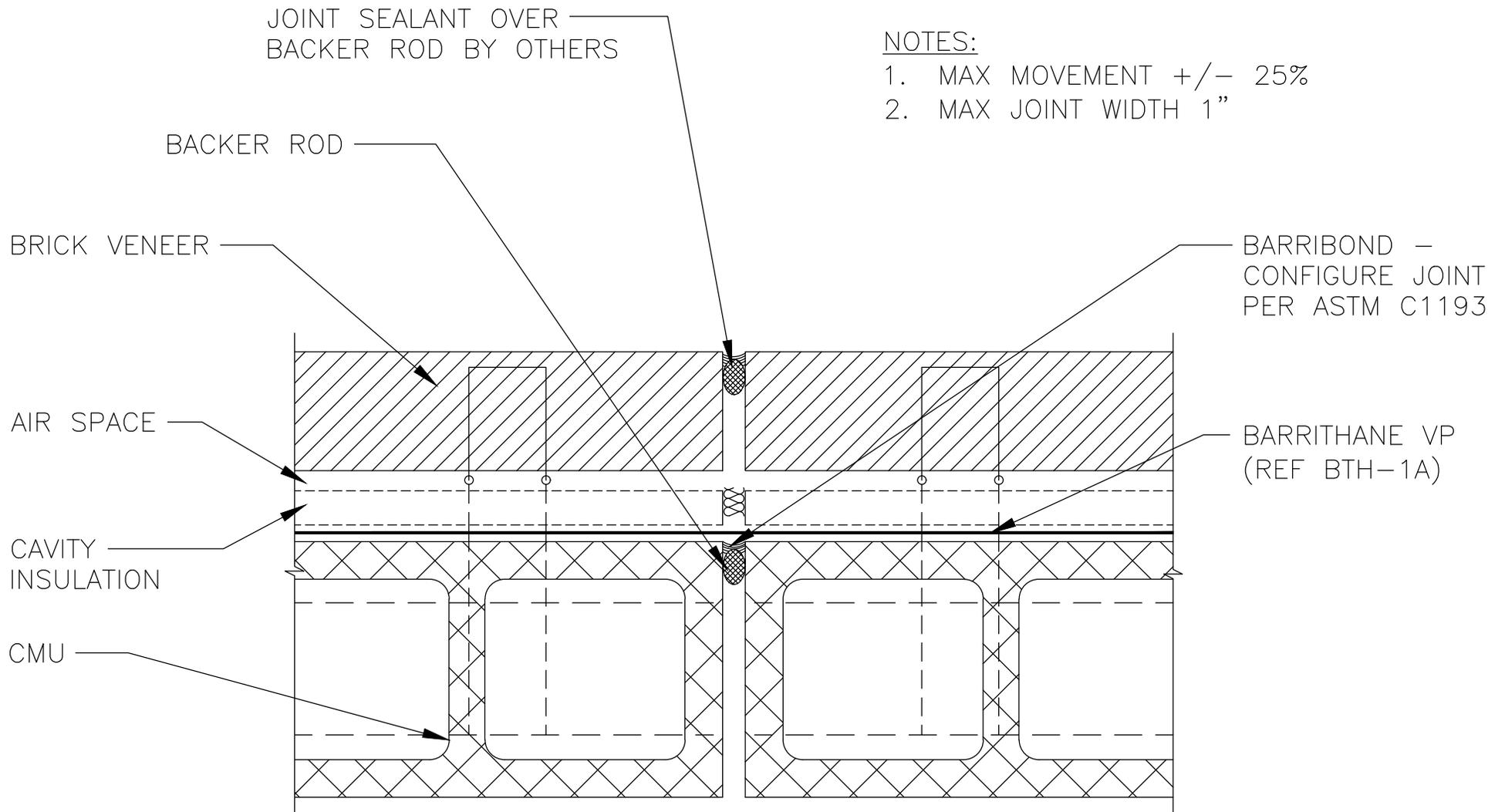
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BTH-3B

BARRITHANE VP  
CMU EXPANSION JOINT



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NOTES:

1. MAX MOVEMENT  $\pm$  25%
2. MAX JOINT WIDTH 1"

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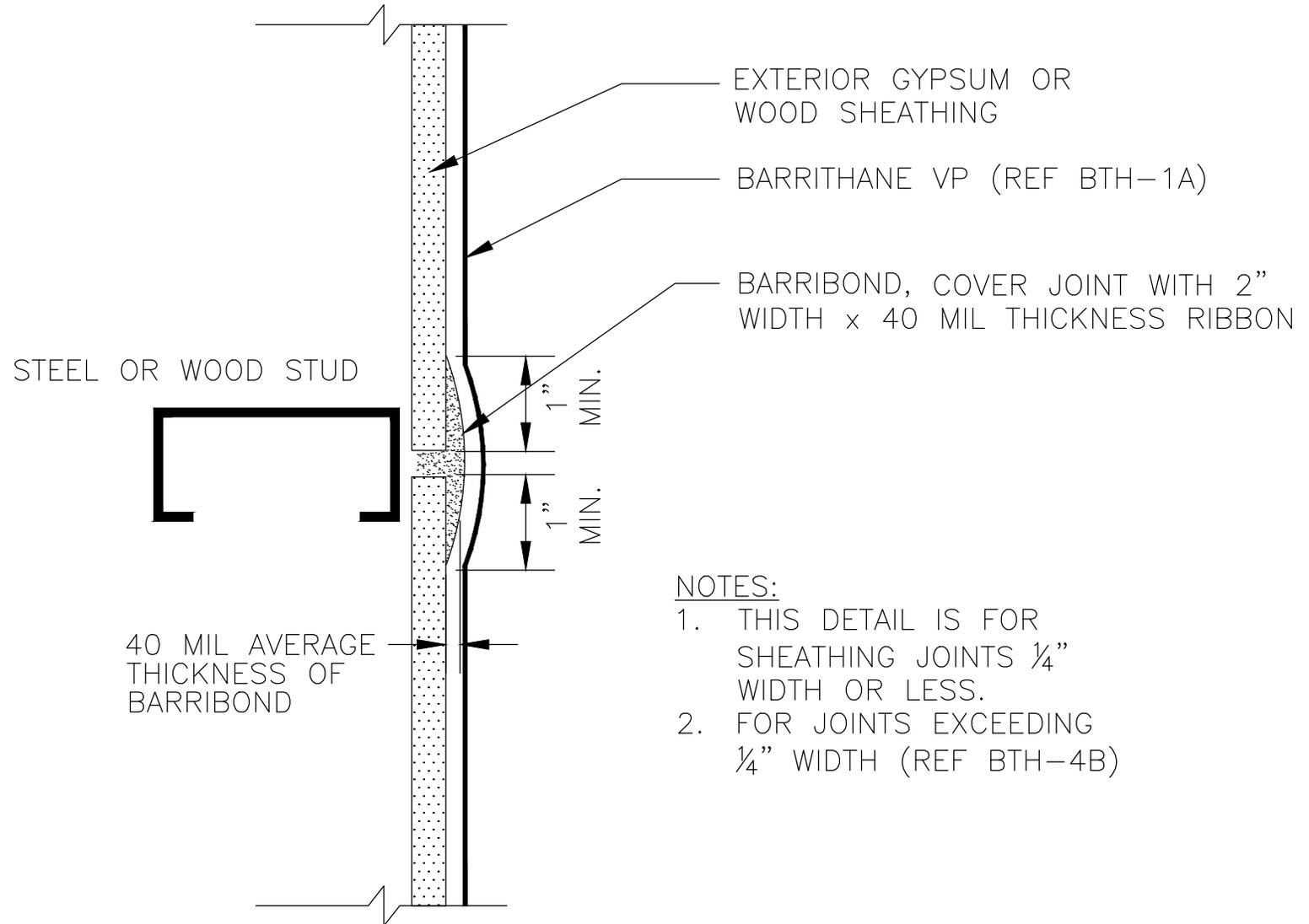
BTH-3C

BARRITHANE VP CMU  
EXPANSION OR CONTROL JOINT

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# SHEATHING JOINTS PREPPED WITH BARRIBOND



NOTES:

1. THIS DETAIL IS FOR SHEATHING JOINTS ¼" WIDTH OR LESS.
2. FOR JOINTS EXCEEDING ¼" WIDTH (REF BTH-4B)

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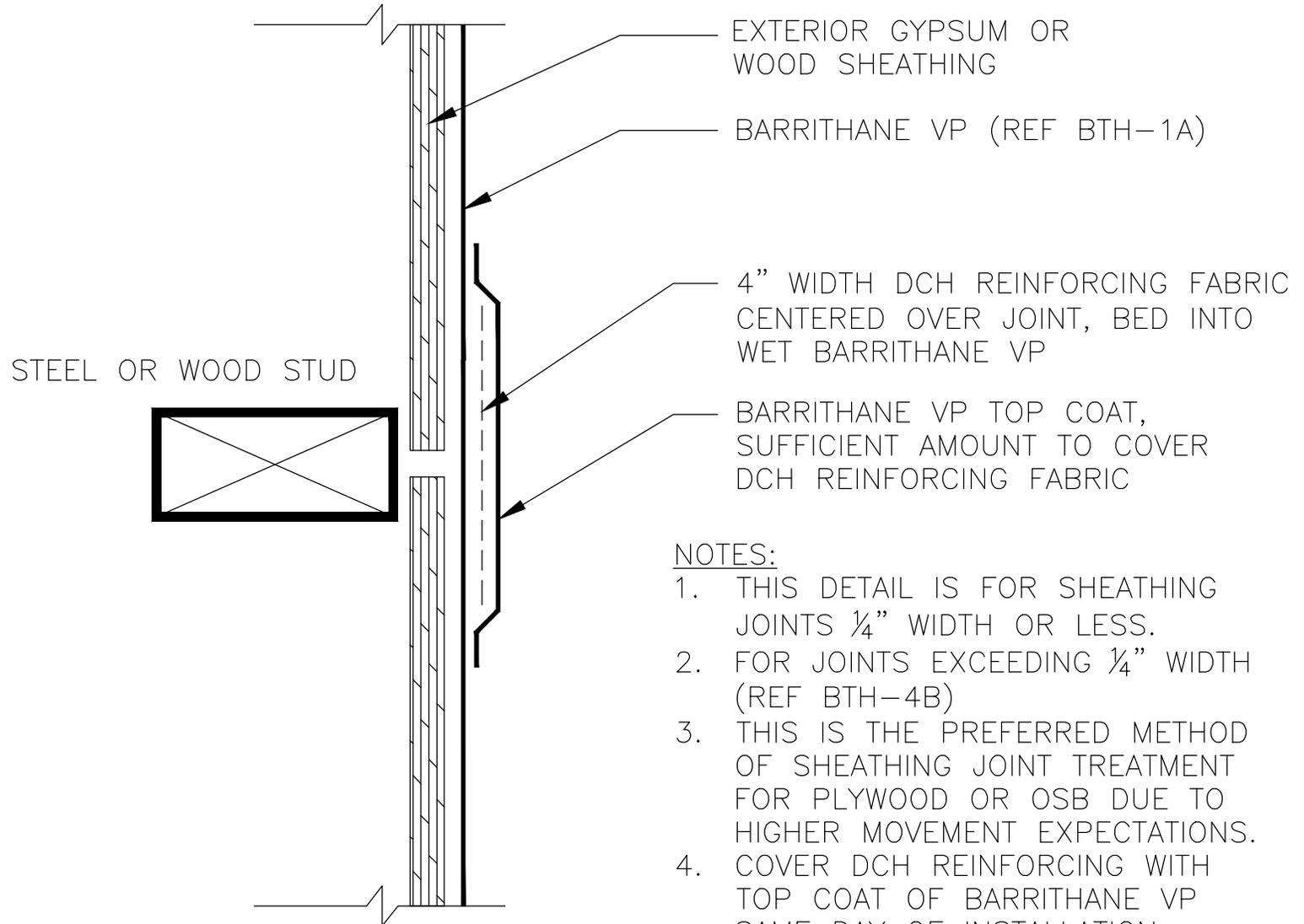
BTH-4A.1

BARRITHANE VP  
SHEATHING JOINTS-OPTION 1

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SHEATHING JOINTS  
PREPPED WITH EMBEDDED  
REINFORCEMENT



NOTES:

1. THIS DETAIL IS FOR SHEATHING JOINTS  $\frac{1}{4}$ " WIDTH OR LESS.
2. FOR JOINTS EXCEEDING  $\frac{1}{4}$ " WIDTH (REF BTH-4B)
3. THIS IS THE PREFERRED METHOD OF SHEATHING JOINT TREATMENT FOR PLYWOOD OR OSB DUE TO HIGHER MOVEMENT EXPECTATIONS.
4. COVER DCH REINFORCING WITH TOP COAT OF BARRITHANE VP SAME DAY OF INSTALLATION.

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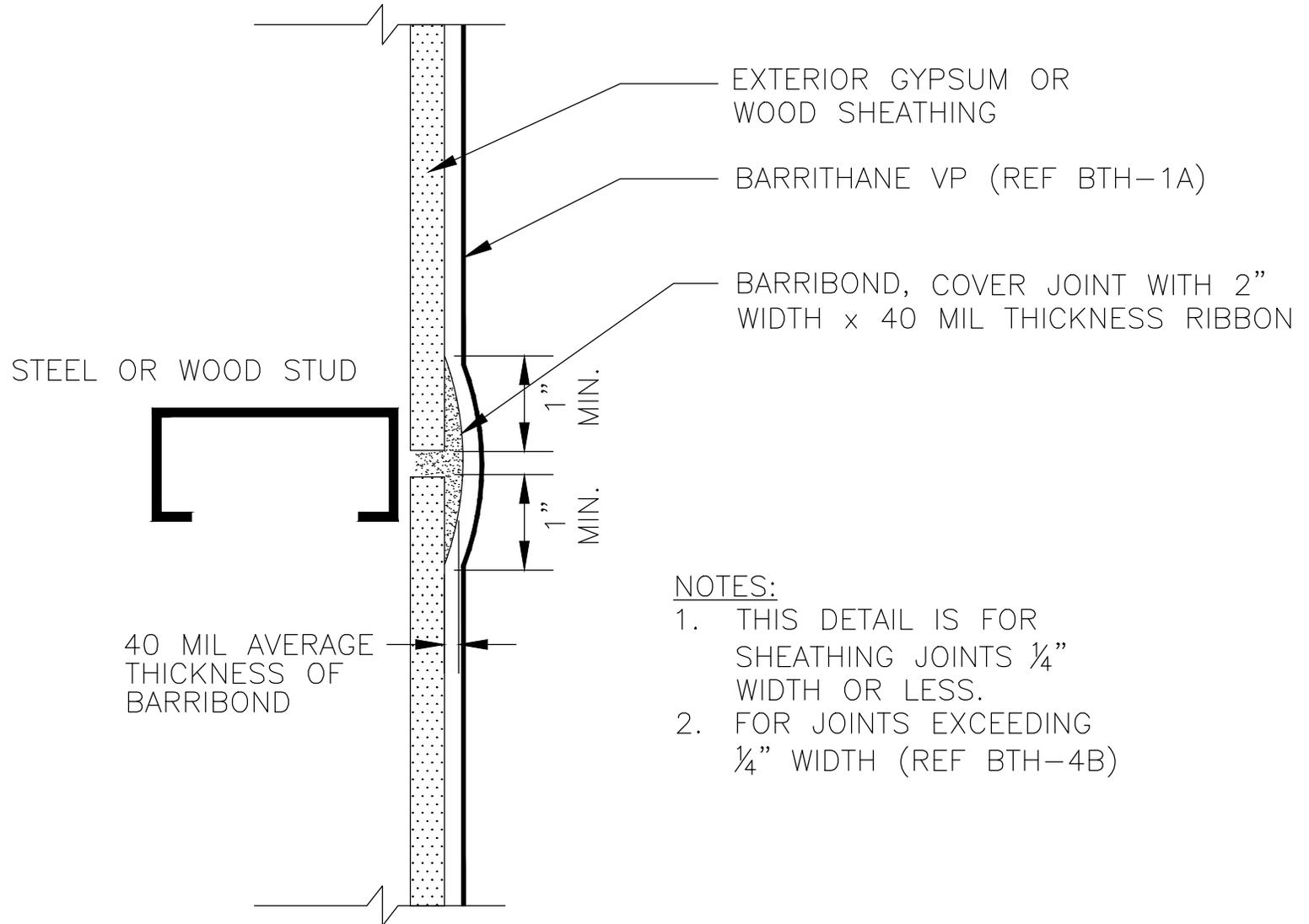
BTH-4A.2

BARRITHANE VP  
SHEATHING JOINTS-OPTION 2

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# SHEATHING JOINTS PREPPED WITH BARRIBOND



NOTES:

1. THIS DETAIL IS FOR SHEATHING JOINTS  $\frac{1}{4}$ " WIDTH OR LESS.
2. FOR JOINTS EXCEEDING  $\frac{1}{4}$ " WIDTH (REF BTH-4B)

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BTH-4A

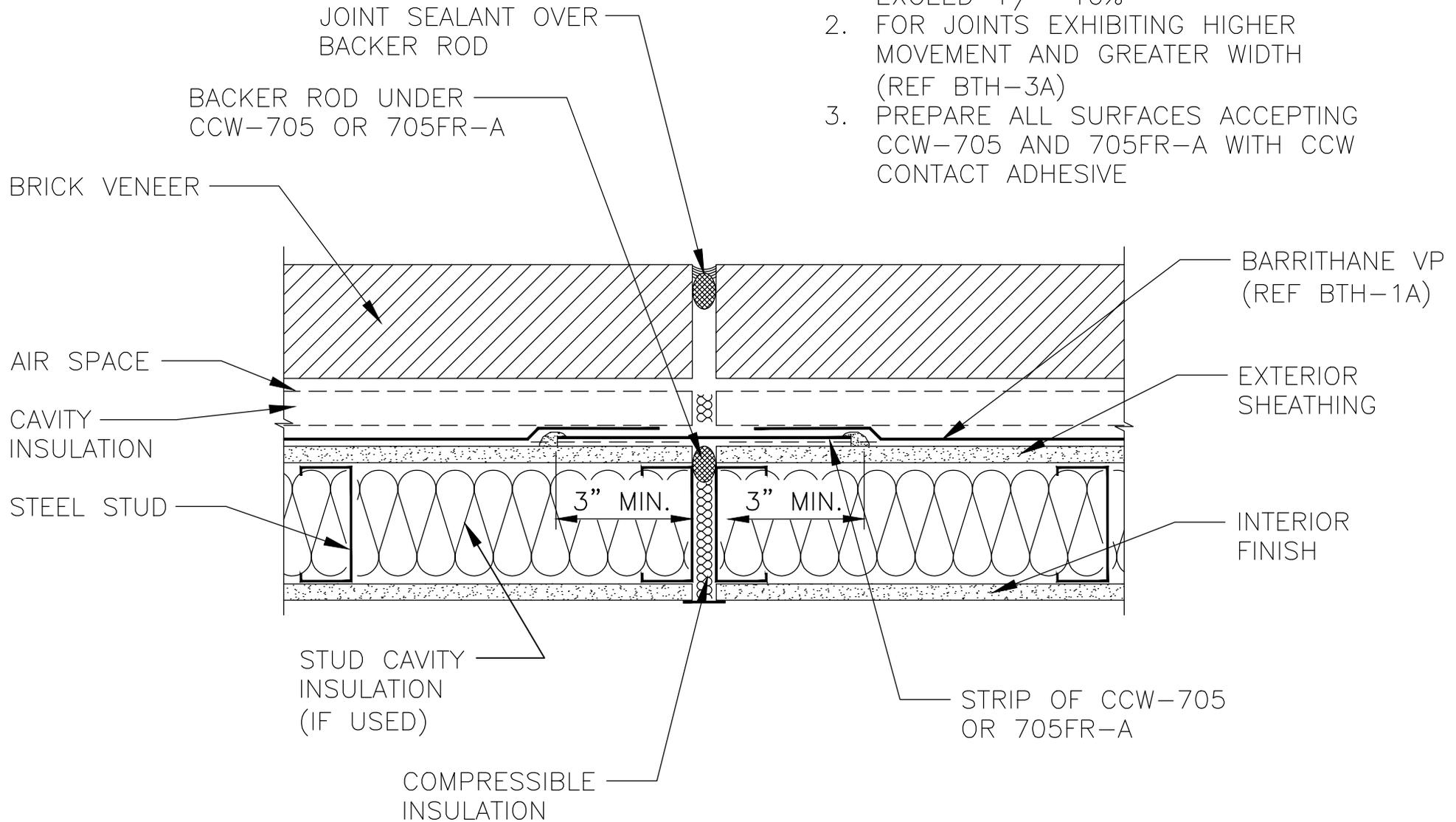
BARRITHANE VP  
SHEATHING JOINTS

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NOTES:

1. CONTROL JOINT MOVEMENT SHALL NOT EXCEED  $\pm 10\%$
2. FOR JOINTS EXHIBITING HIGHER MOVEMENT AND GREATER WIDTH (REF BTH-3A)
3. PREPARE ALL SURFACES ACCEPTING CCW-705 AND 705FR-A WITH CCW CONTACT ADHESIVE



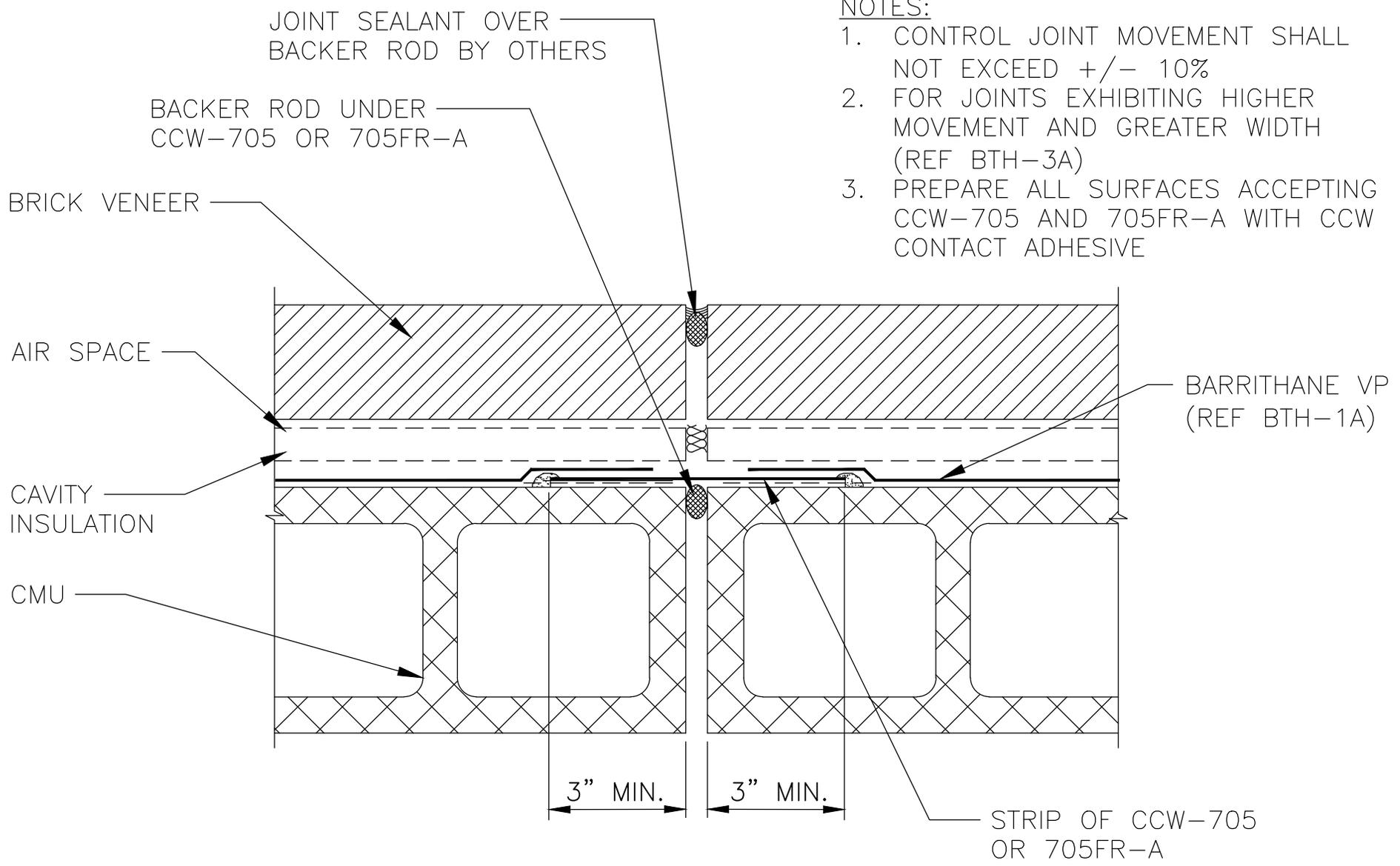
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BTH-4B

EXTERIOR SHEATHING  
VERTICAL CONTROL JOINT

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NOTES:

1. CONTROL JOINT MOVEMENT SHALL NOT EXCEED  $\pm 10\%$
2. FOR JOINTS EXHIBITING HIGHER MOVEMENT AND GREATER WIDTH (REF BTH-3A)
3. PREPARE ALL SURFACES ACCEPTING CCW-705 AND 705FR-A WITH CCW CONTACT ADHESIVE

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BTH-4C

BARRITHANE VP  
CMU CONTROL JOINT



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BARRIBOND OR BTH-3  
APPROVED SEALANT  
(REF BTH-0A)

DO NOT BLOCK WEEPS  
OR WEEP PATH

METAL PAN FLASHING  
(OPTIONAL)

WRAP ROUGH OPENING  
AS SHOWN IN BTH-5D,  
BTH-5E OR BTH-5G

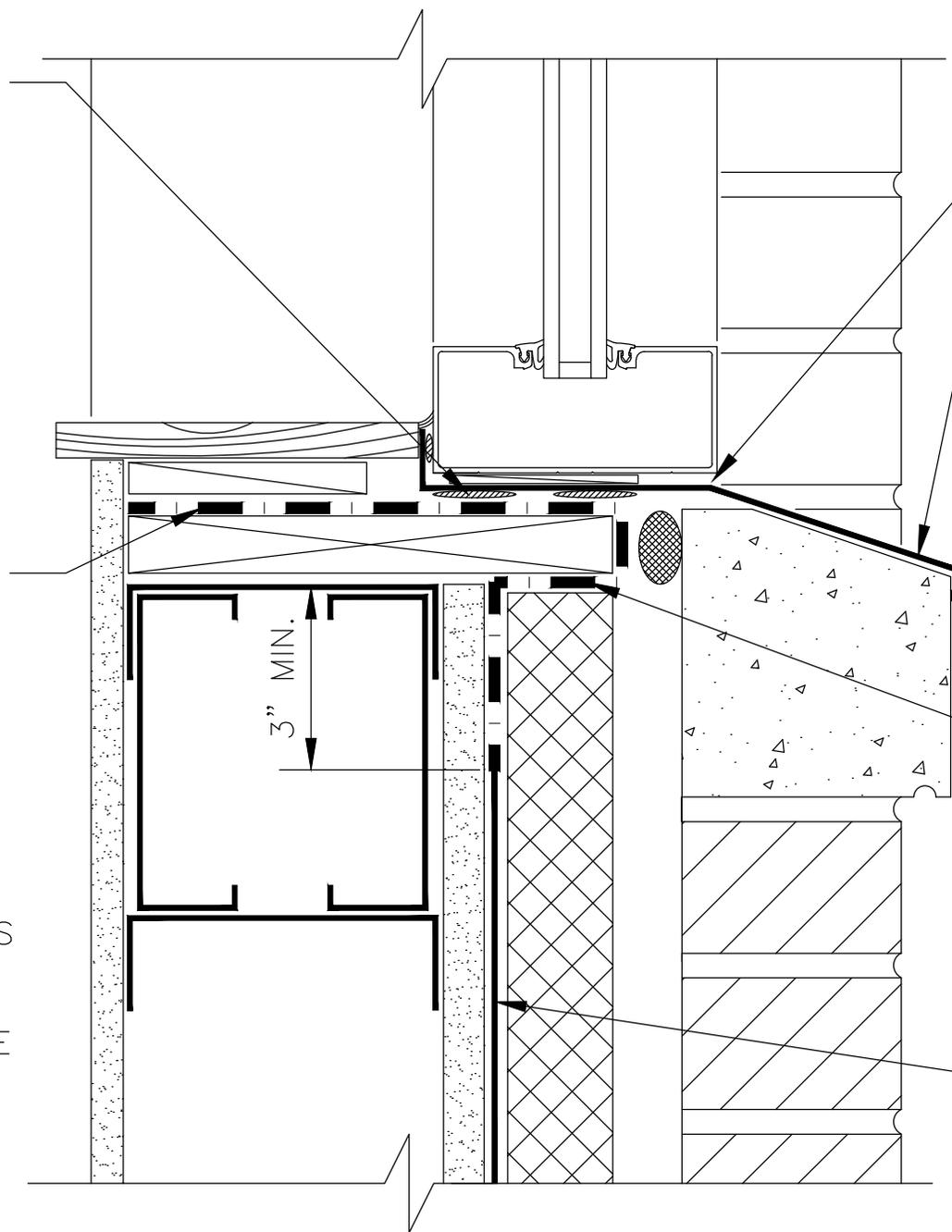
3" MIN.

40 MIL BARRITHANE VP,  
BARRIBOND, CCW-705,  
OR 705FR-A  
(REF BTH-1B,  
BTH-2A OR BTH-2B)

BARRITHANE VP  
(REF BTH-1A)

NOTES:

1. PREPARE ALL SURFACES  
ACCEPTING CCW-705  
AND 705FR-A WITH  
CCW CONTACT ADHESIVE



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BTH-5A

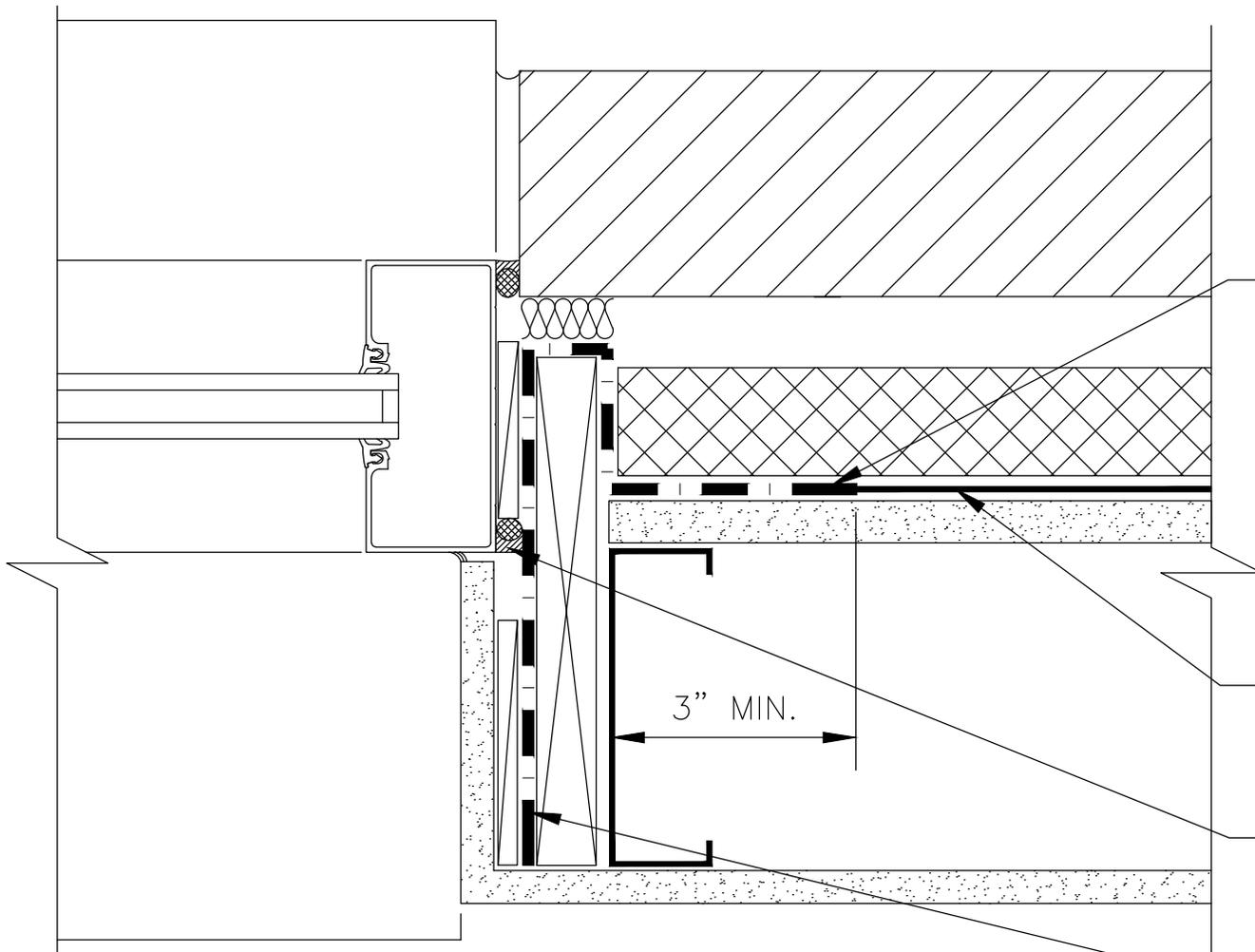
BARRITHANE VP  
PUNCHED WINDOW - SILL



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NOTES:

1. PREPARE ALL SURFACES ACCEPTING CCW-705 AND 705FR-A WITH CCW CONTACT ADHESIVE



40 MIL BARRITHANE VP,  
BARRIBOND, CCW-705,  
OR 705FR-A  
(REF BTH-1B,  
BTH-2A OR BTH-2B)

BARRITHANE VP  
(REF BTH-1A)

BARRIBOND OR BTH-3 APPROVED  
SEALANT (REF BTH-0A)

WRAP ROUGH OPENING  
AS SHOWN IN BTH-5D,  
BTH-5E OR BTH-5G

3" MIN.

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BTH-5B

BARRITHANE VP  
PUNCHED WINDOW - JAMB

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40 MIL BARRITHANE VP,  
BARRIBOND, CCW-705,  
OR 705FR-A  
(REF BTH-1B,  
BTH-2A OR BTH-2B)

WRAP ROUGH OPENING  
AS SHOWN IN BTH-5D,  
BTH-5E OR BTH-5G

BARRIBOND OR BTH-3  
APPROVED SEALANT  
(REF BTH-0A)

3" MIN.

BARRITHANE VP  
(REF BTH-1A)

BARRIBOND OR BTH-2  
APPROVED SEALANT  
(REF BTH-0A OR BTH-2B)

WEEPS

CCW-705-TWF (TERMINATE  
MIN. 1/2" FROM EXTERIOR)

METAL DRIP EDGE  
EMBEDDED IN SEALANT

NOTES:

1. PREPARE ALL SURFACES  
ACCEPTING CCW-705,  
705FR-A AND  
CCW-705-TWF WITH  
CCW CONTACT ADHESIVE

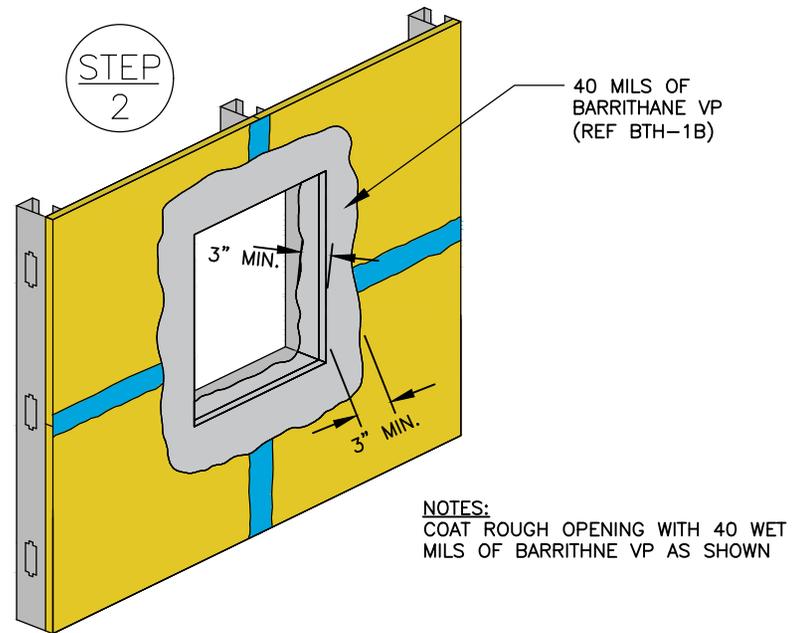
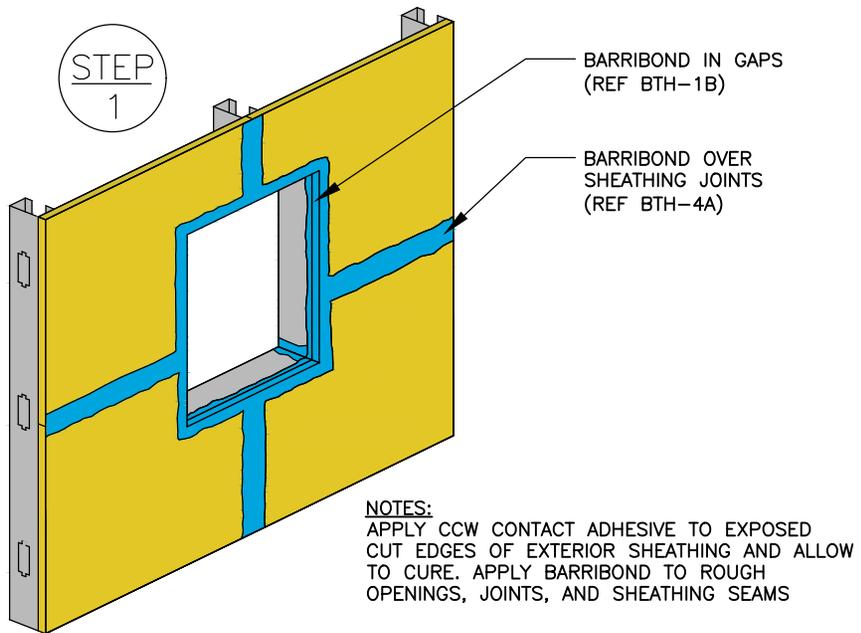
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BTH-5C

BARRITHANE VP  
PUNCHED WINDOW - HEAD

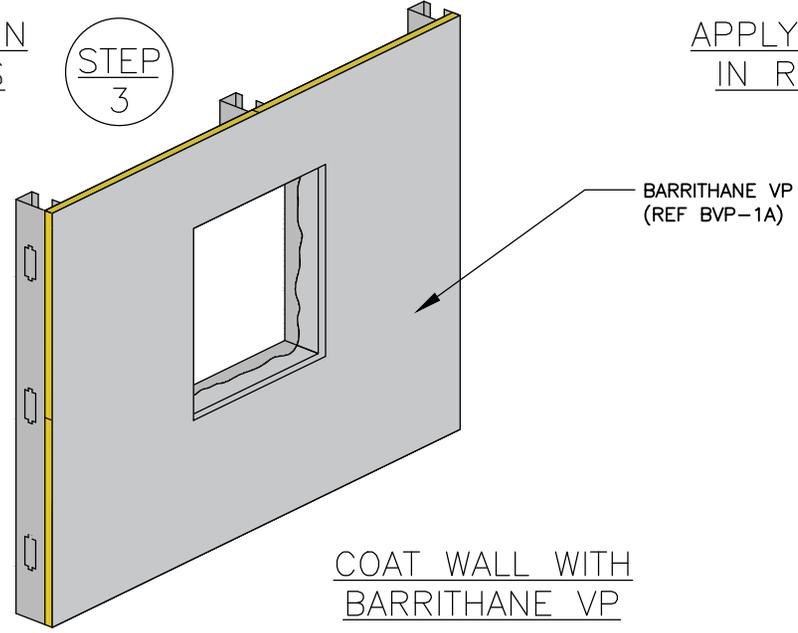
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APPLY BARRIBOND IN CRACKS AND GAPS

APPLY BARRITHANE VP IN ROUGH OPENING

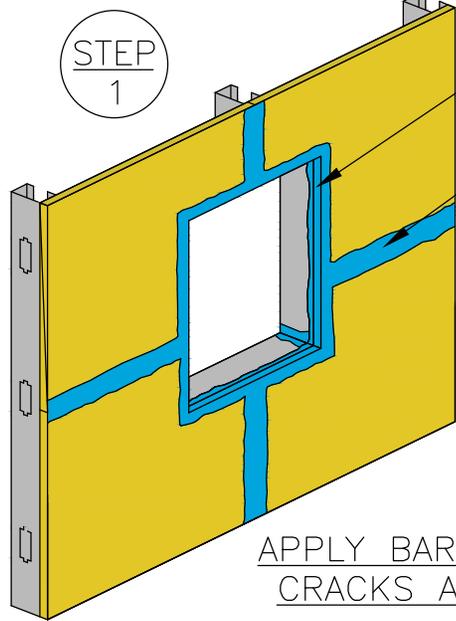


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BTH-5D

BARRITHANE VP LIQUID FLASHING IN ROUGH OPENING





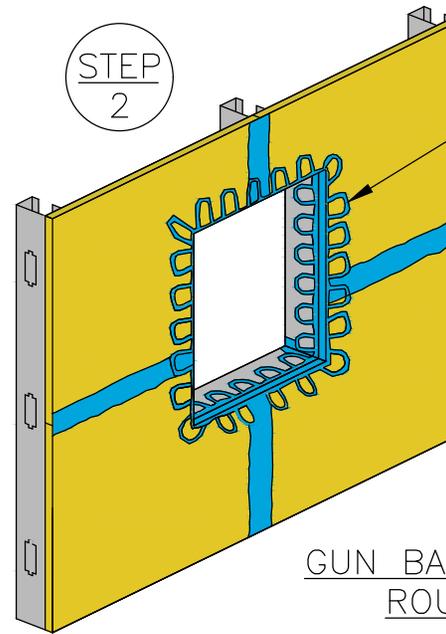
STEP  
1

BARRIBOND IN GAPS  
(REF BTH-1B)

BARRIBOND OVER  
SHEATHING JOINTS  
(REF BTH-4A)

**NOTES:**  
APPLY CCW CONTACT  
ADHESIVE TO EXPOSED CUT  
EDGES OF GYPSUM BOARD  
AND ALLOW TO CURE. APPLY  
BARRIBOND (OR APPROVED  
SEALANT) TO ROUGH  
OPENINGS JOINTS AND  
SHEATHING JOINTS

APPLY BARRIBOND IN  
CRACKS AND GAPS

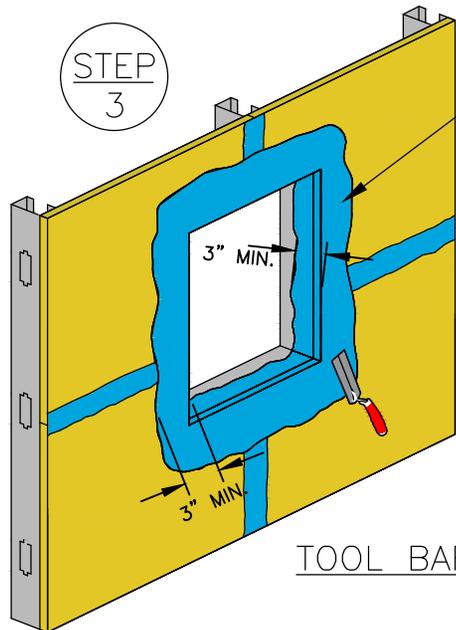


STEP  
2

BARRIBOND  
(REF BTH-1B)

**NOTES:**  
APPLY BARRIBOND TO  
SUBSTRATE IN A SERPENTINE  
FASHION AROUND FACE OF  
WALL AND INSIDE OF ROUGH  
OPENING. DO NOT ALLOW  
BARRIBOND TO SKIN OVER  
PRIOR TO TOOLING PROCEDURE  
DESCRIBED IN STEP 3.

GUN BARRIBOND AROUND  
ROUGH OPENING

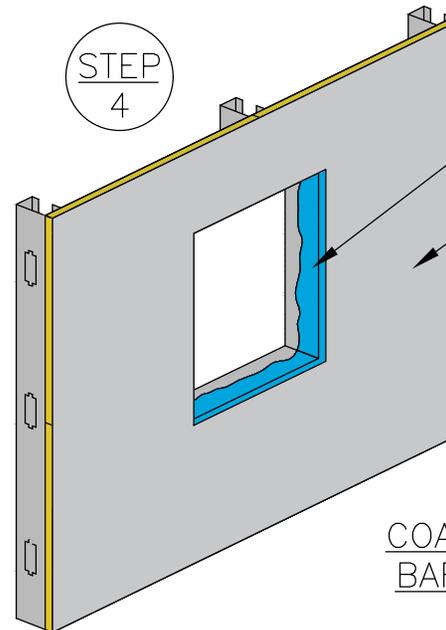


STEP  
3

BARRIBOND, 40 MILS  
(REF BTH-1B)

**NOTES:**  
USING A TROWEL OR SIMILAR  
TOOL EVENLY SPREAD  
BARRIBOND OVER ENTIRE  
OPENING AS SHOWN.  
FINISHED MINIMUM 40 WET  
MIL THICKNESS IS REQUIRED.

TOOL BARRIBOND



STEP  
4

BARRIBOND

BARRITHANE VP  
(REF BVP-1A)

COAT WALL WITH  
BARRITHANE VP

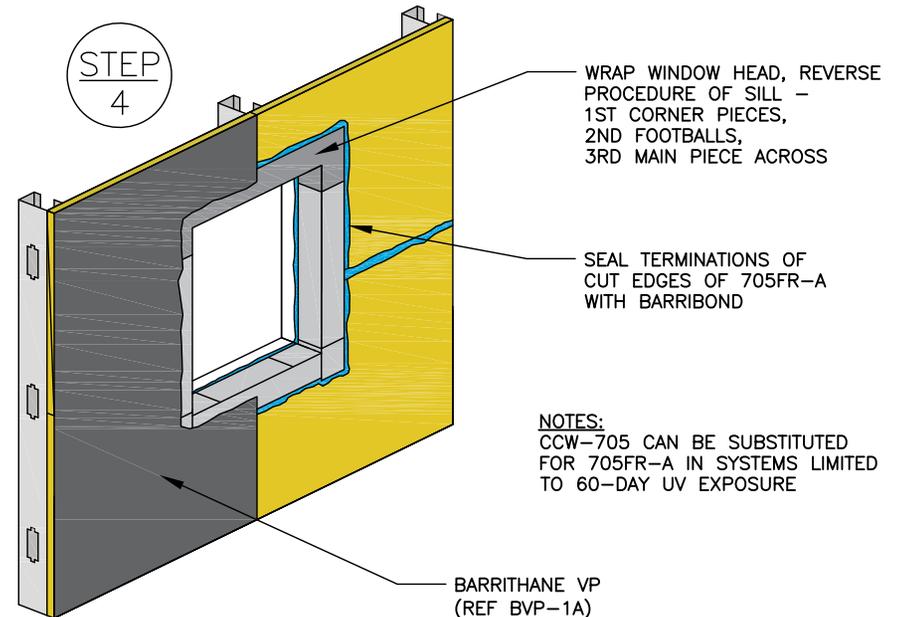
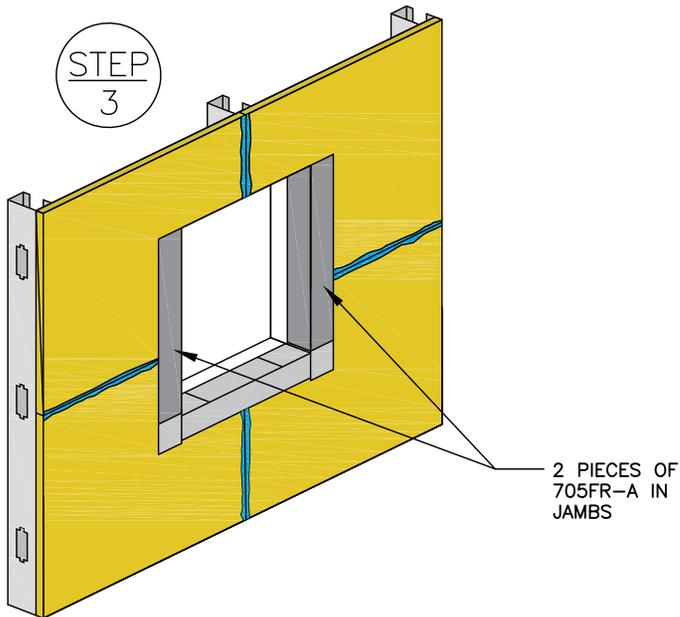
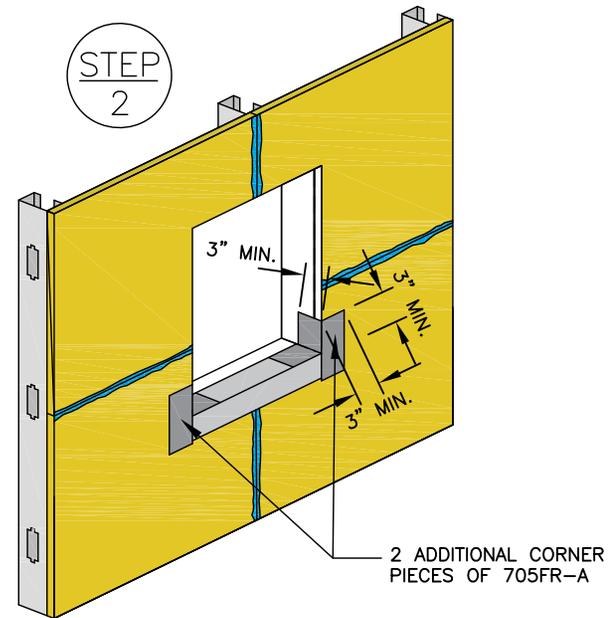
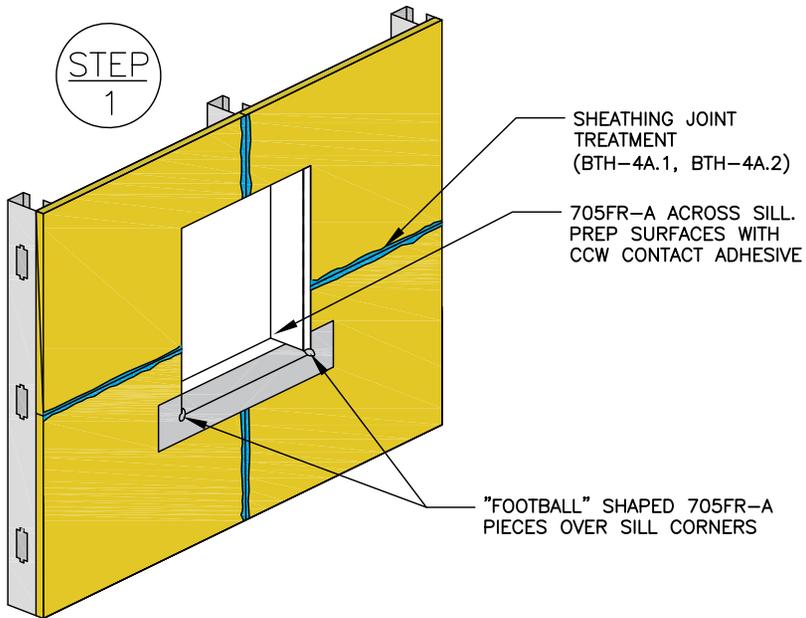
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REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-5E

BARRIBOND LIQUID FLASHING  
IN ROUGH OPENING

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**NOTES:**  
 CCW-705 CAN BE SUBSTITUTED FOR 705FR-A IN SYSTEMS LIMITED TO 60-DAY UV EXPOSURE

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BTH-5G

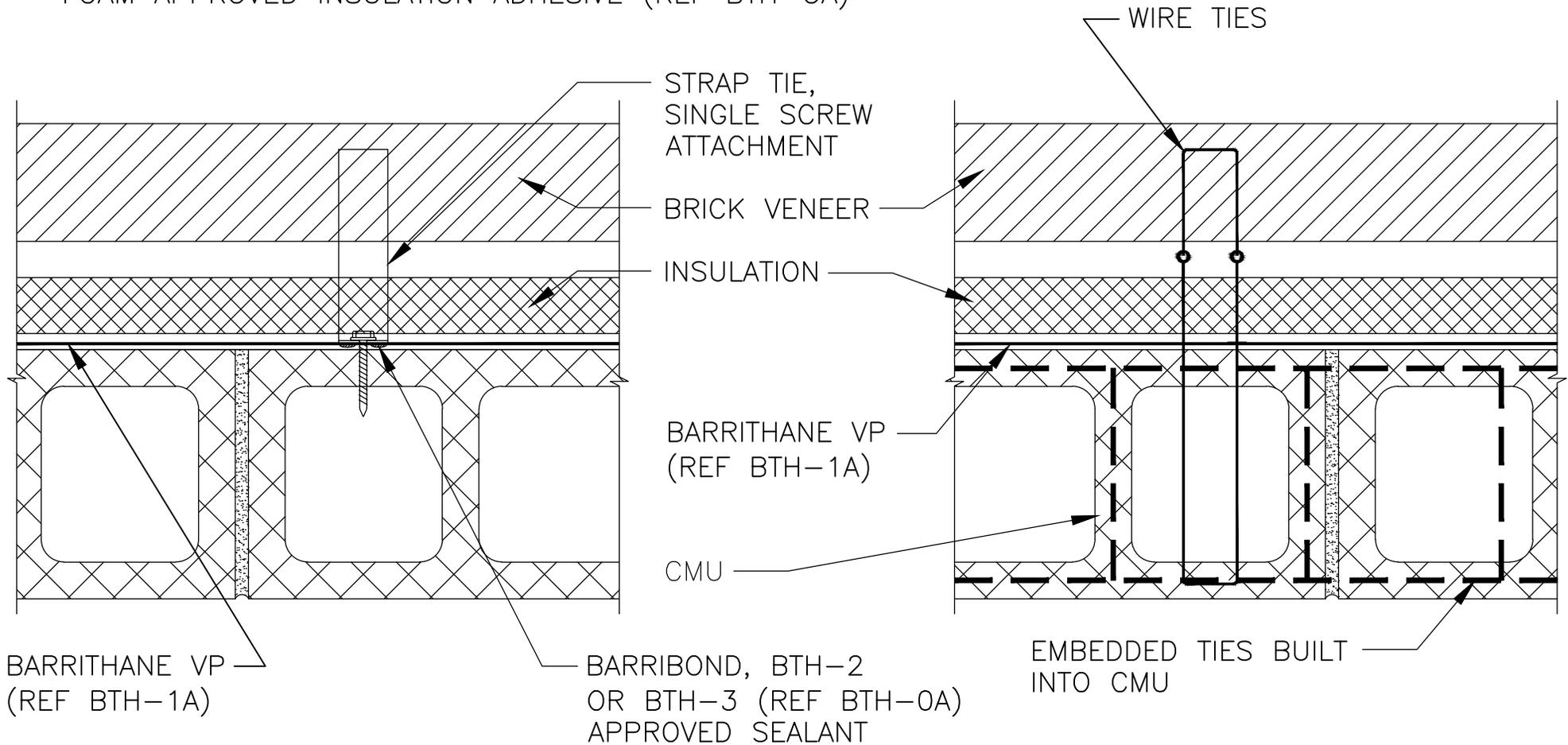
BARRITHANE VP/ 705FR-A AT ROUGH OPENING SILL, JAMB AND HEAD



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**NOTES:**

1. INSTALL STRAP TIES AFTER BARRITHANE VP IS FULLY CURED
2. MORTAR JOINTS SHALL BE STRUCK FLUSH, FREE OF VOIDS
3. MORTAR DROPPINGS SHALL BE CLEANED FROM TIES AND SURFACES BEFORE BARRITHANE VP INSTALLATION
4. INSULATION MAY BE SECURED WITH BARRIBOND OR A BTH-A FOAM APPROVED INSULATION ADHESIVE (REF BTH-0A)



AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-6B

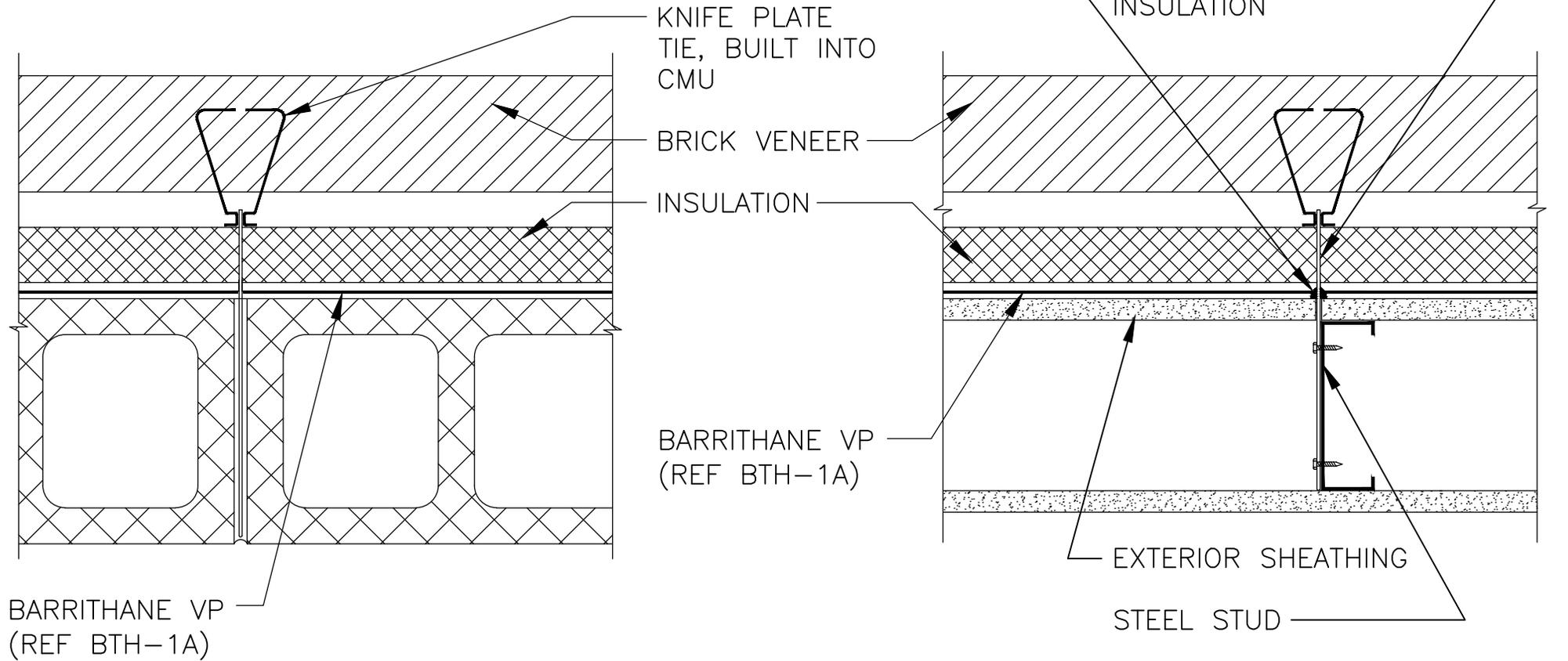
BARRITHANE VP  
BRICK TIES - CMU



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**NOTES:**

1. TIES ARE IN PLACE BEFORE BARRITHANE VP INSTALLATION
2. ON CMU – MORTAR JOINTS SHALL BE STRUCK FLUSH, FREE OF VOIDS AND MORTAR DROPPINGS SHALL BE CLEANED FROM TIES AND SURFACES BEFORE BARRITHANE VP INSTALLATION
3. INSULATION MAY BE SECURED WITH BARRIBOND OR A BTH-A FOAM APPROVED INSULATION ADHESIVE (REF BTH-0A)



BARRITHANE VP  
(REF BTH-1A)

AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-6C

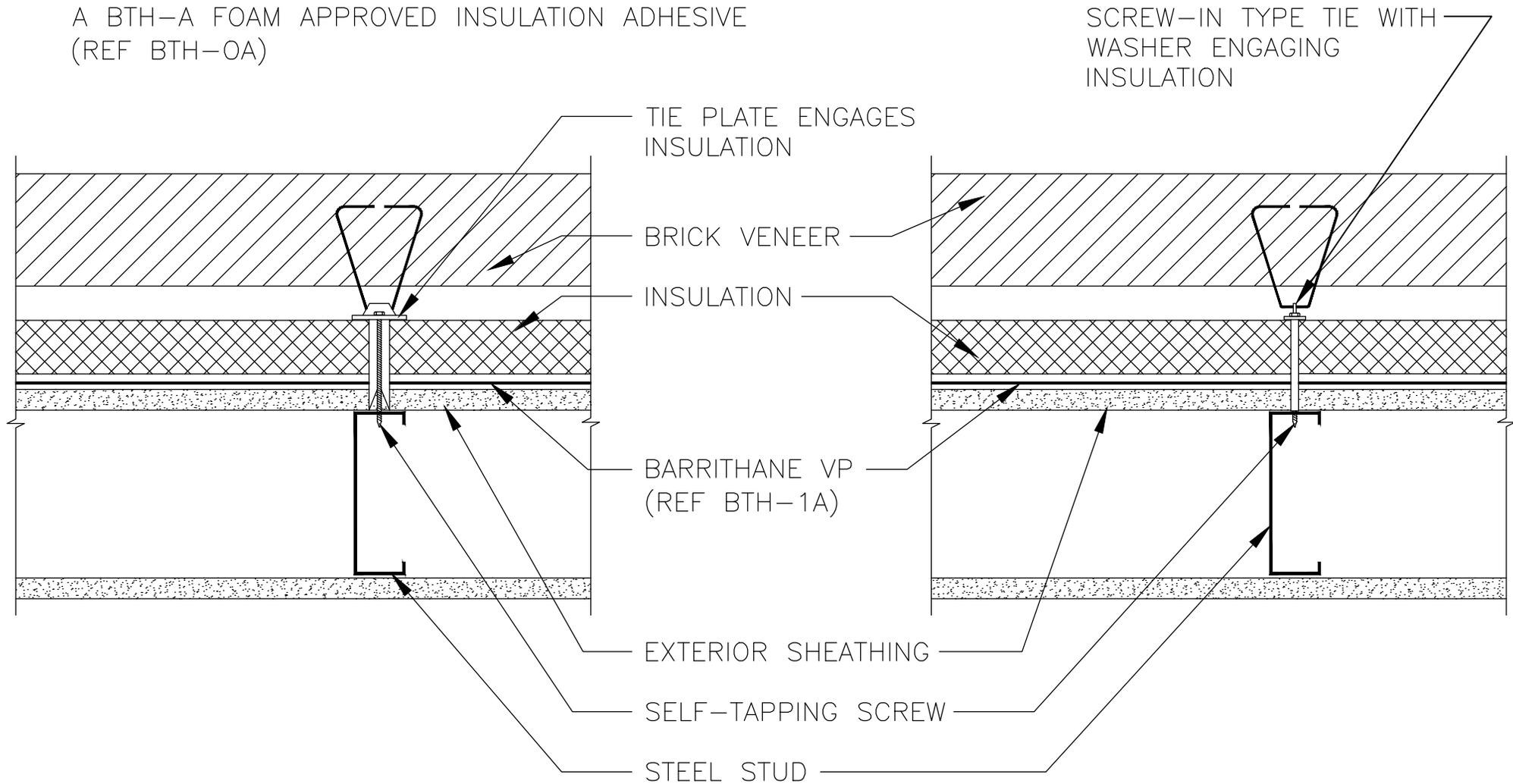
BARRITHANE VP KNIFE PLATE  
TYPE TIES CMU AND  
EXTERIOR SHEATHING

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NOTES:

1. DRIVE FASTENERS STRAIGHT, DO NOT OVER-DRIVE
2. SEAL ALL HOLES FROM MIS-DRIVEN FASTENERS WITH SPRAY FOAM
3. INSULATION MAY BE SECURED WITH BARRIBOND OR A BTH-A FOAM APPROVED INSULATION ADHESIVE (REF BTH-0A)



AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-6D

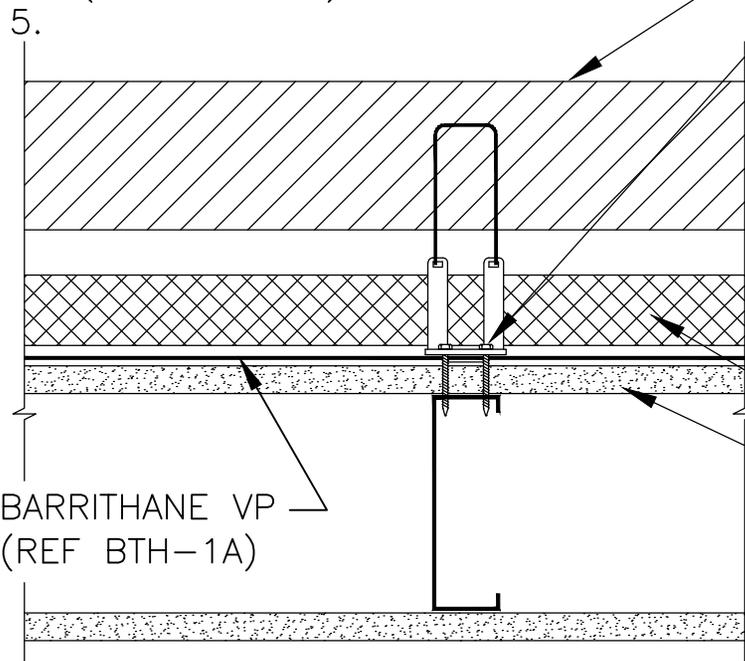
BRICK TIES, ATTACHED TO STUD THROUGH INSULATION AND EXTERIOR SHEATHING

**CARLISLE**  
COATINGS & WATERPROOFING

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**NOTES:**

1. INSTALL TIES AFTER BARRITHANE VP IS FULLY CURED
2. NON-SPIKED TIE PLATES SEAT FIRMLY IN BARRITHANE VP, FORMING SEAL WITHOUT ADDITIONAL DETAILING
3. SPIKED TIE PLATES REQUIRE EXTRA DETAILING WITH SEALANT AS SHOWN
4. SEAL ALL HOLES FROM MIS-DRIVEN FASTENERS WITH BARRIBOND, BTH-2 OR BTH-3 APPROVED SEALANT
4. INSULATION MAY BE SECURED WITH BARRIBOND OR A BTH-A FOAM APPROVED INSULATION ADHESIVE (REF BTH-0A)



BRICK VENEER

SELF-TAPPING, HEX HEAD SCREWS WITH RUBBER WASHERS

EXTERIOR SHEATHING

STEEL STUD

BRICK VENEER

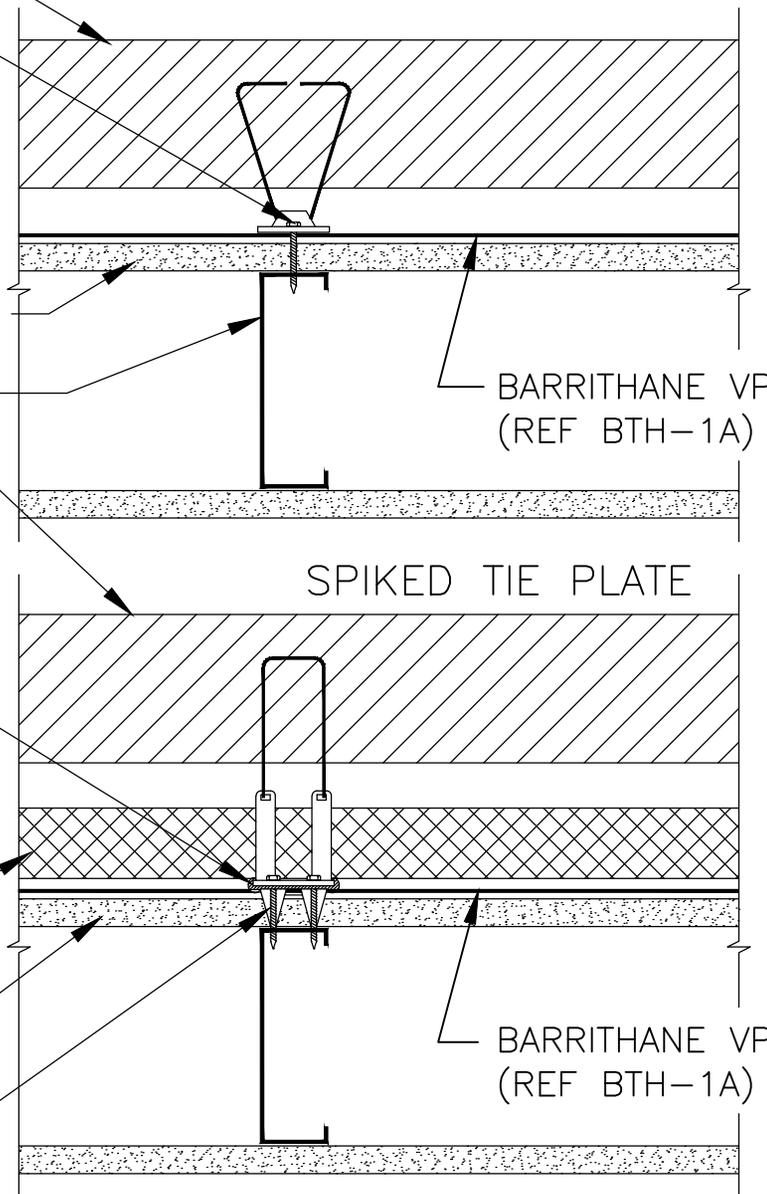
SELF-TAPPING, HEX HEAD SCREWS WITH RUBBER WASHERS

BARRIBOND, BTH-2 OR BTH-3 APPROVED SEALANT (REF BTH-0A)

INSULATION

EXTERIOR SHEATHING

SPIKE SEAT ON STEEL STUD



BARRITHANE VP (REF BTH-1A)

SPIKED TIE PLATE

BARRITHANE VP (REF BTH-1A)

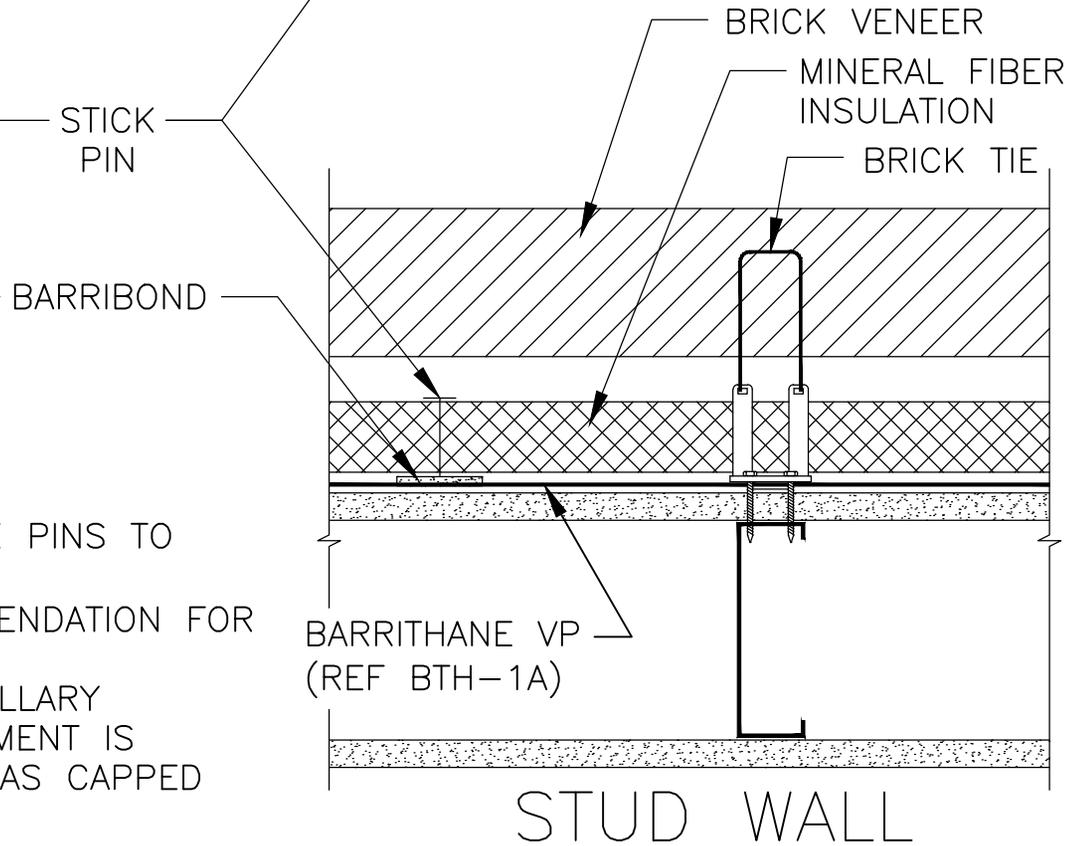
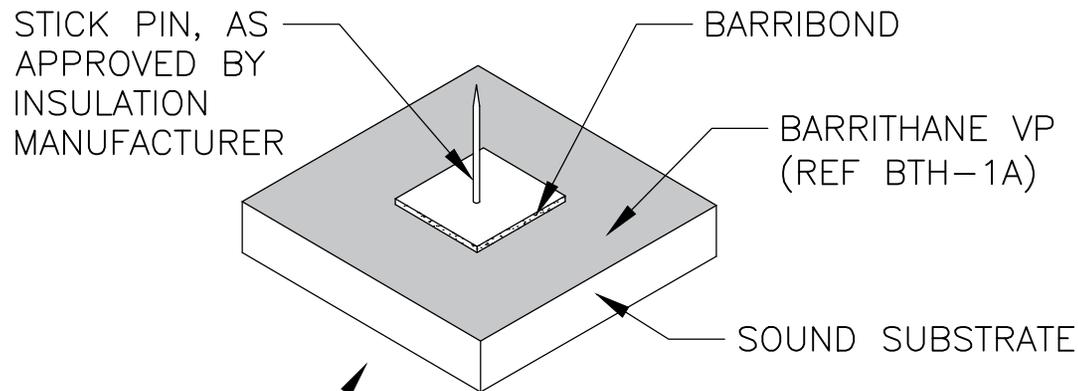
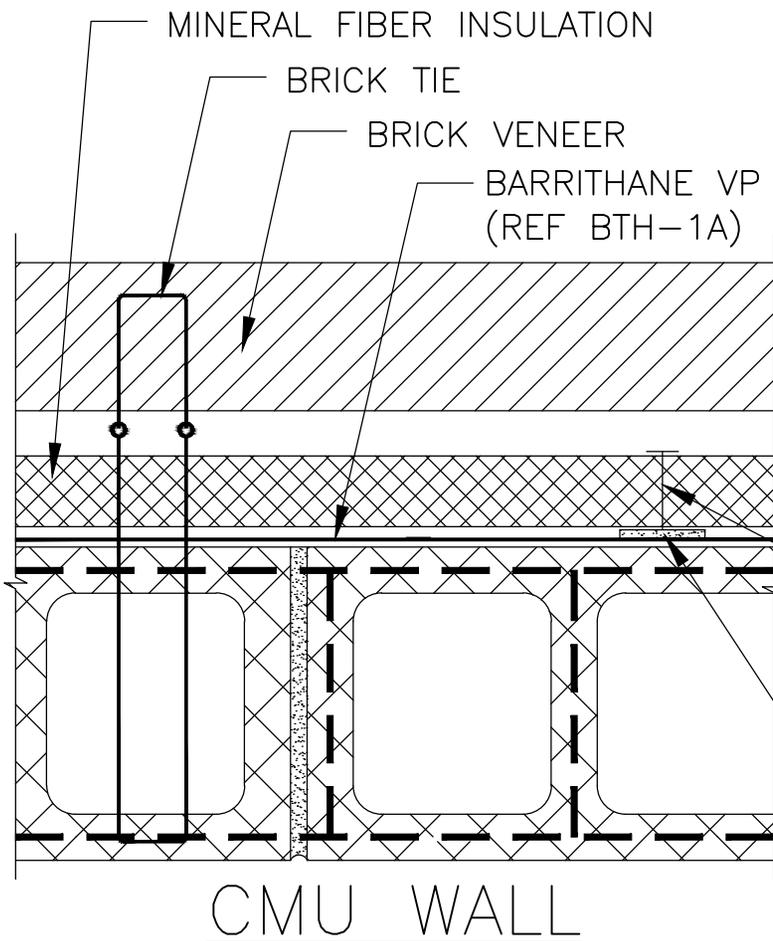
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-6E

BARRITHANE VP 2-SCREW BRICK TIES, ATTACHMENT TO STUD THROUGH EXTERIOR SHEATHING

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**NOTES:**

1. BARRIBOND IS APPROVED FOR ADHERING STICK PINS TO CURED BARRITHANE VP
2. FOLLOW INSULATION MANUFACTURER'S RECOMMENDATION FOR STICK PIN SELECTION AND PLACEMENT.
3. ADHERED STICK PINS ARE INTENDED FOR ANCILLARY SECUREMENT OF INSULATION. PRIMARY ATTACHMENT IS PROVIDED BY MECHANICAL CONNECTION SUCH AS CAPPED SCREWS OR CLADDING ATTACHMENT HARDWARE.

AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-6F

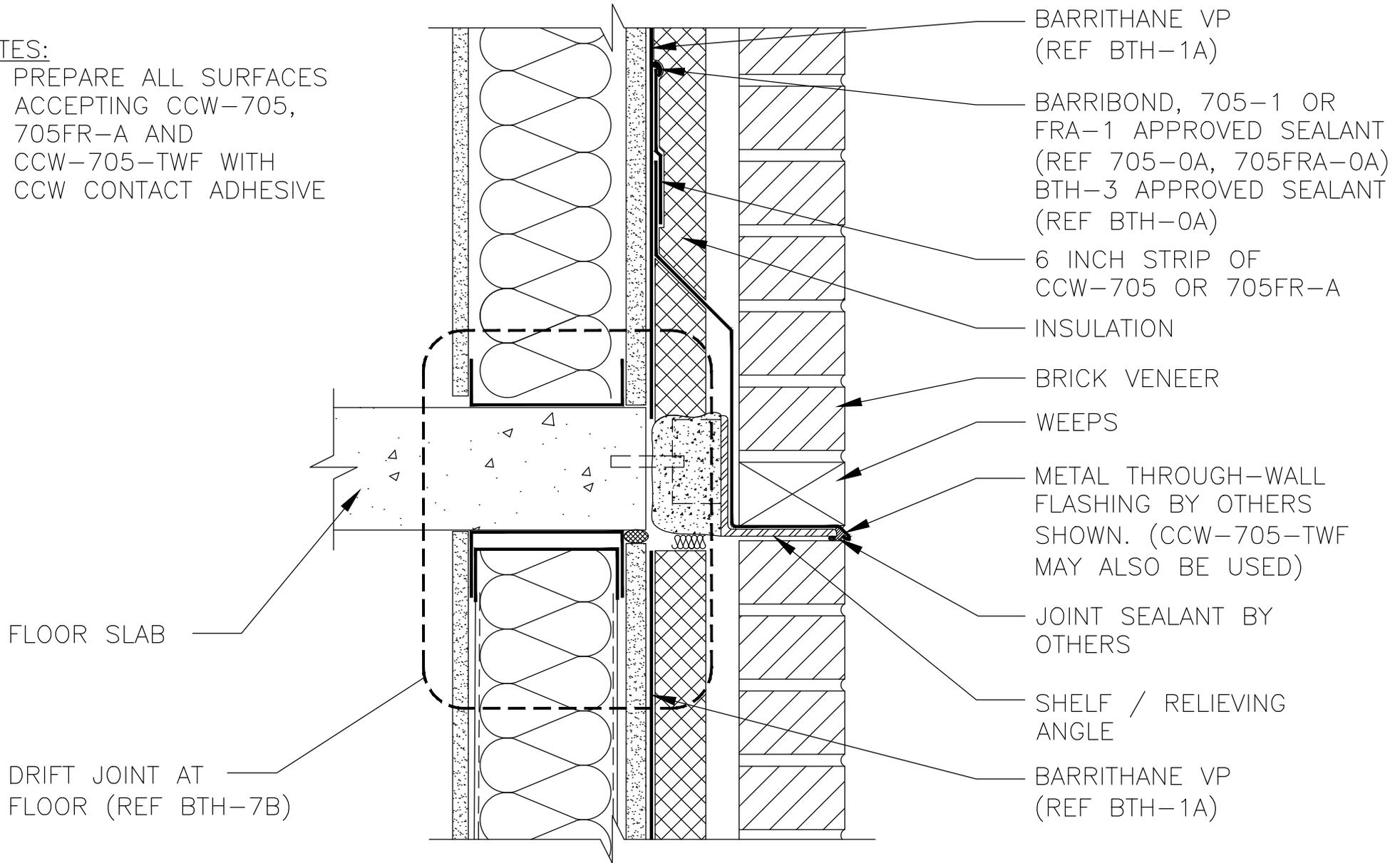
BARRITHANE VP / BARRIBOND  
WITH STICK PINS



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**NOTES:**

1. PREPARE ALL SURFACES ACCEPTING CCW-705, 705FR-A AND CCW-705-TWF WITH CCW CONTACT ADHESIVE



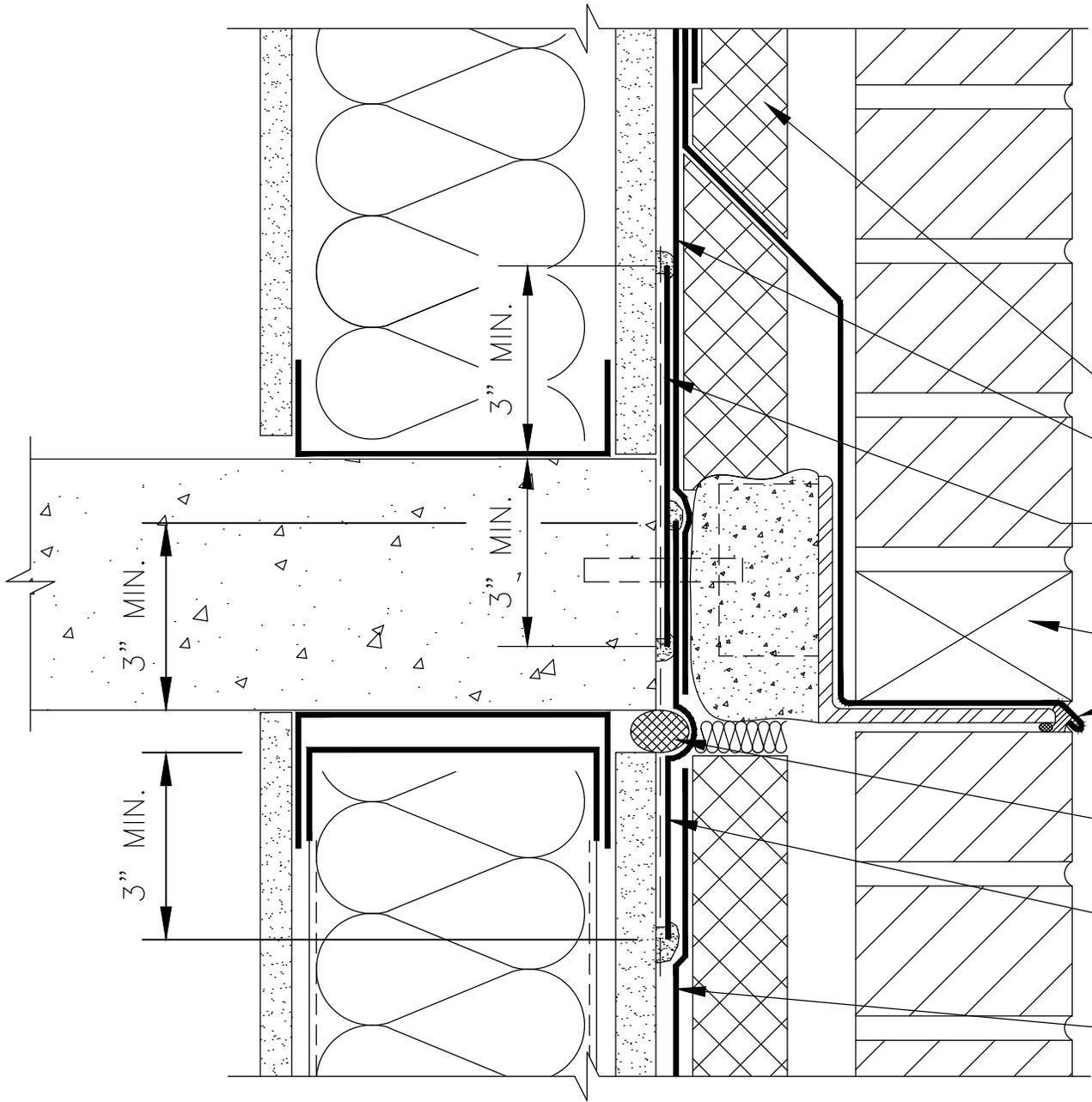
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-7A

BARRITHANE VP  
SHELF ANGLE

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NOTES:

1. ALLOWABLE JOINT MOVEMENT VARIES WITH GEOMETRY
2. ALLOW BARRITHANE VP TO CURE FULLY BEFORE INSTALLING SELF-ADHERED FLASHING OVER SURFACE
3. PREPARE ALL SURFACES ACCEPTING CCW-705, 705FR-A AND CCW-705-TWF WITH CCW CONTACT ADHESIVE

- INSULATION
- BARRITHANE VP (REF BTH-1A)
- CCW-705 OR 705FR-A (REF BTH-2A, BTH-2B)
- WEEPS
- METAL THROUGH-WALL FLASHING BY OTHERS SHOWN (CCW-705-TWF MAY ALSO BE USED)
- BACKER ROD, PROTRUDING 1/2 INCH MINIMUM
- CCW-705 OR 705FR-A (REF BTH-2A, BTH-2B)
- BARRITHANE VP (REF BTH-1A)

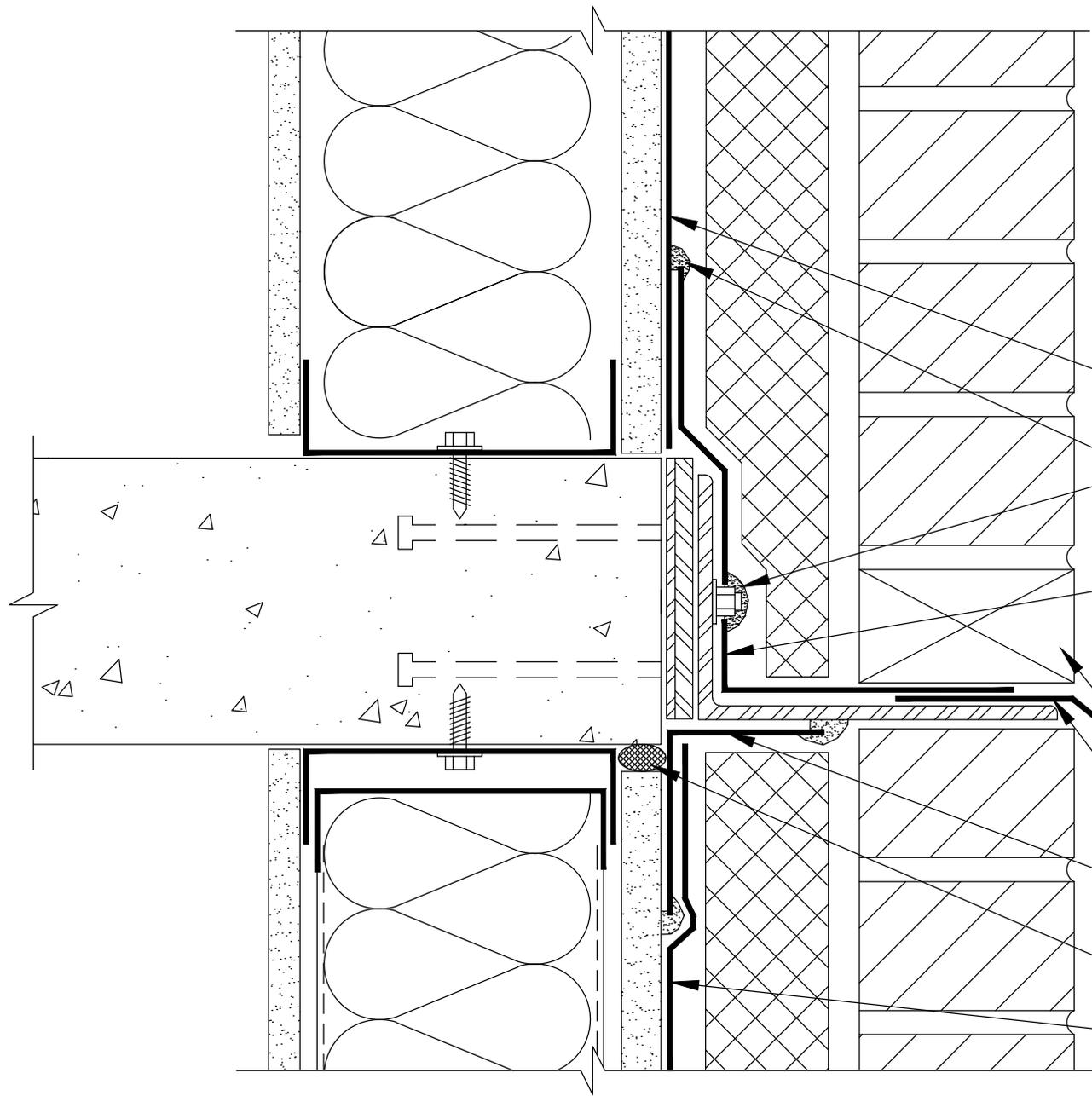
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-7B

BARRITHANE VP  
DRIFT JOINT AT FLOOR



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**NOTES:**

1. ALLOWABLE JOINT MOVEMENT VARIES WITH GEOMETRY
2. ALLOW BARRITHANE VP TO CURE FULLY BEFORE INSTALLING SELF-ADHERED FLASHING OVER SURFACE
3. PREPARE ALL SURFACES ACCEPTING CCW-705, 705FR-A AND CCW-705-TWF WITH CCW CONTACT ADHESIVE

- BARRITHANE VP (REF BTH-1A)
- BARRIBOND OR 705-1 APPROVED SEALANT (REF 705-0A)
- CCW-705-TWF CUT AND FIT OVER BOLT HEADS (TERMINATE 1/2" MIN. FROM EXTERIOR)
- WEEPS
- DRIP EDGE
- CCW-705 OR 705FR-A (REF BTH-2A, BTH-2B)
- BACKER ROD
- BARRITHANE VP (REF BTH-1A)

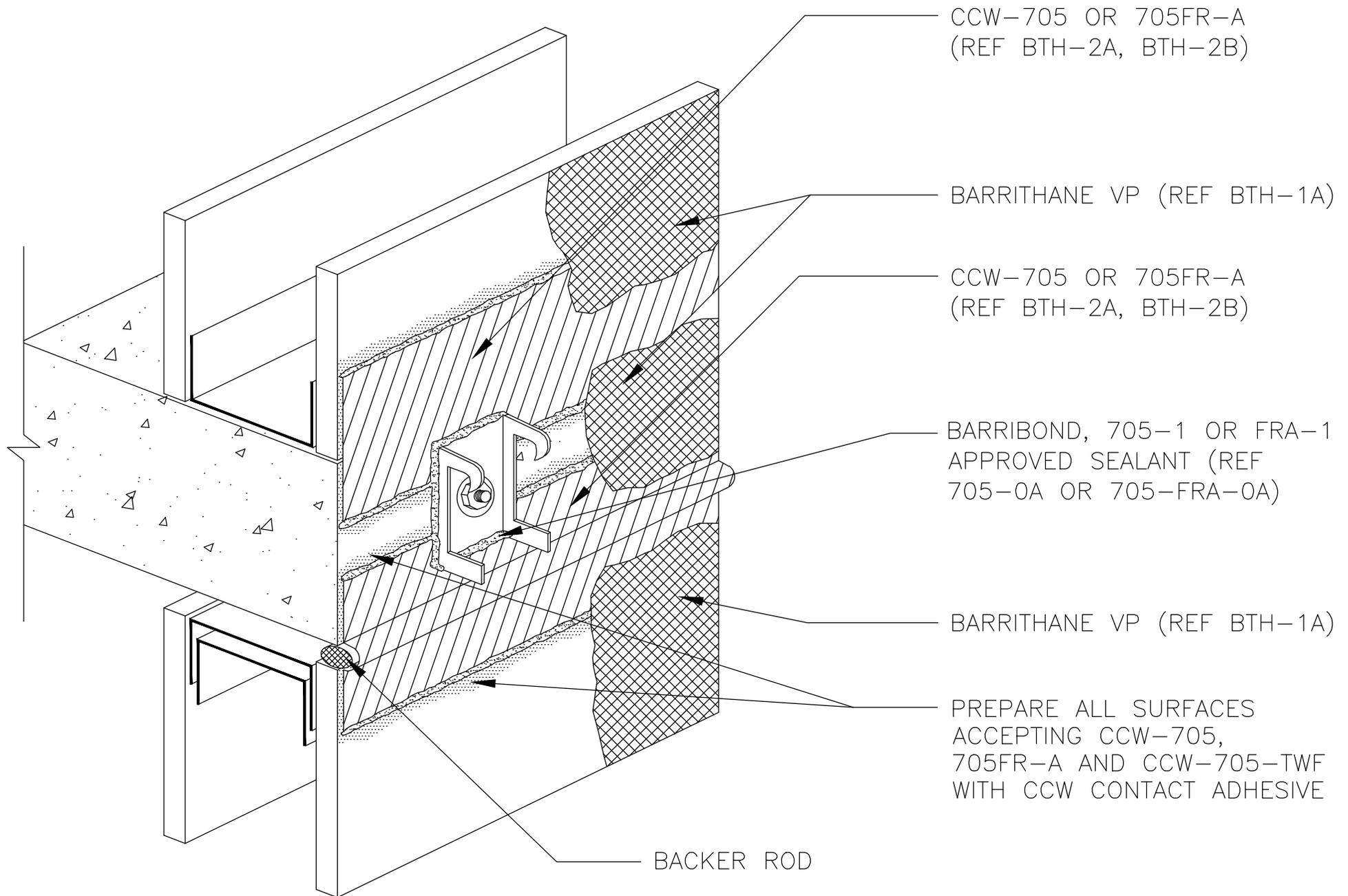
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-7C

BARRITHANE VP SHELF ANGLE  
INSTALLED BEFORE AVB



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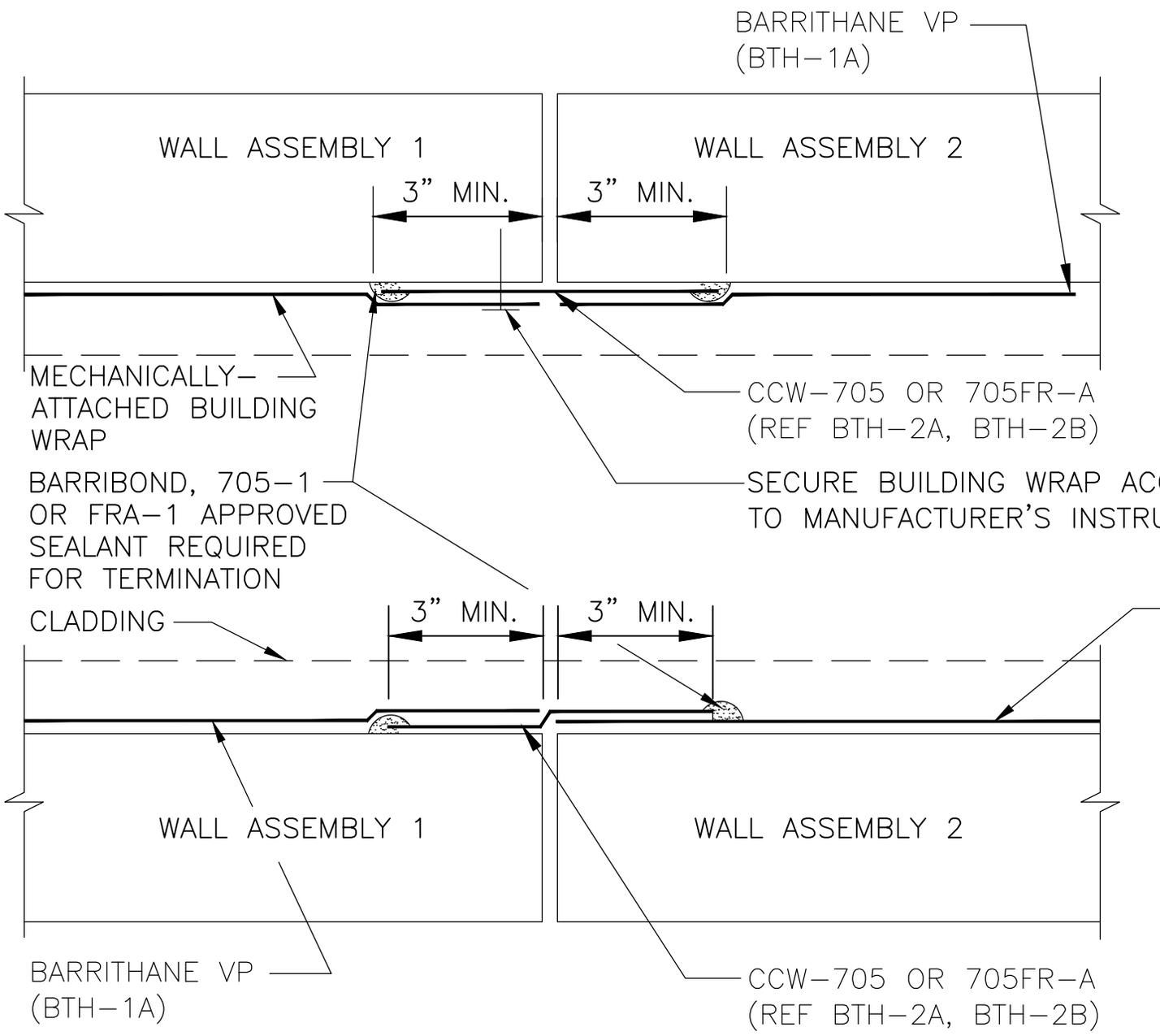
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-7D

ISOMETRIC SHELF ANGLE

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NOTES:

1. INSTALL BARRITHANE VP AND ACCESSORY PRODUCTS TO SUBSTRATE, NOT OVER BUILDING WRAP
2. VERIFY COMPATABILITY OF MEMBRANES BY OTHERS WITH CCW
3. PREPARE ALL SURFACES ACCEPTING CCW-705, 705FR-A AND CCW-705-TWF WITH CCW CONTACT ADHESIVE

MECHANICALLY-ATTACHED BUILDING WRAP

BARRIBOND, 705-1 OR FRA-1 APPROVED SEALANT REQUIRED FOR TERMINATION

CLADDING

BARRITHANE VP (BTH-1A)

BARRITHANE VP (BTH-1A)

WALL ASSEMBLY 2

CCW-705 OR 705FR-A (REF BTH-2A, BTH-2B)

SECURE BUILDING WRAP ACCORDING TO MANUFACTURER'S INSTRUCTIONS

WALL ASSEMBLY 2

CCW-705 OR 705FR-A (REF BTH-2A, BTH-2B)

FULLY ADHERED WEATHER BARRIER BY OTHERS

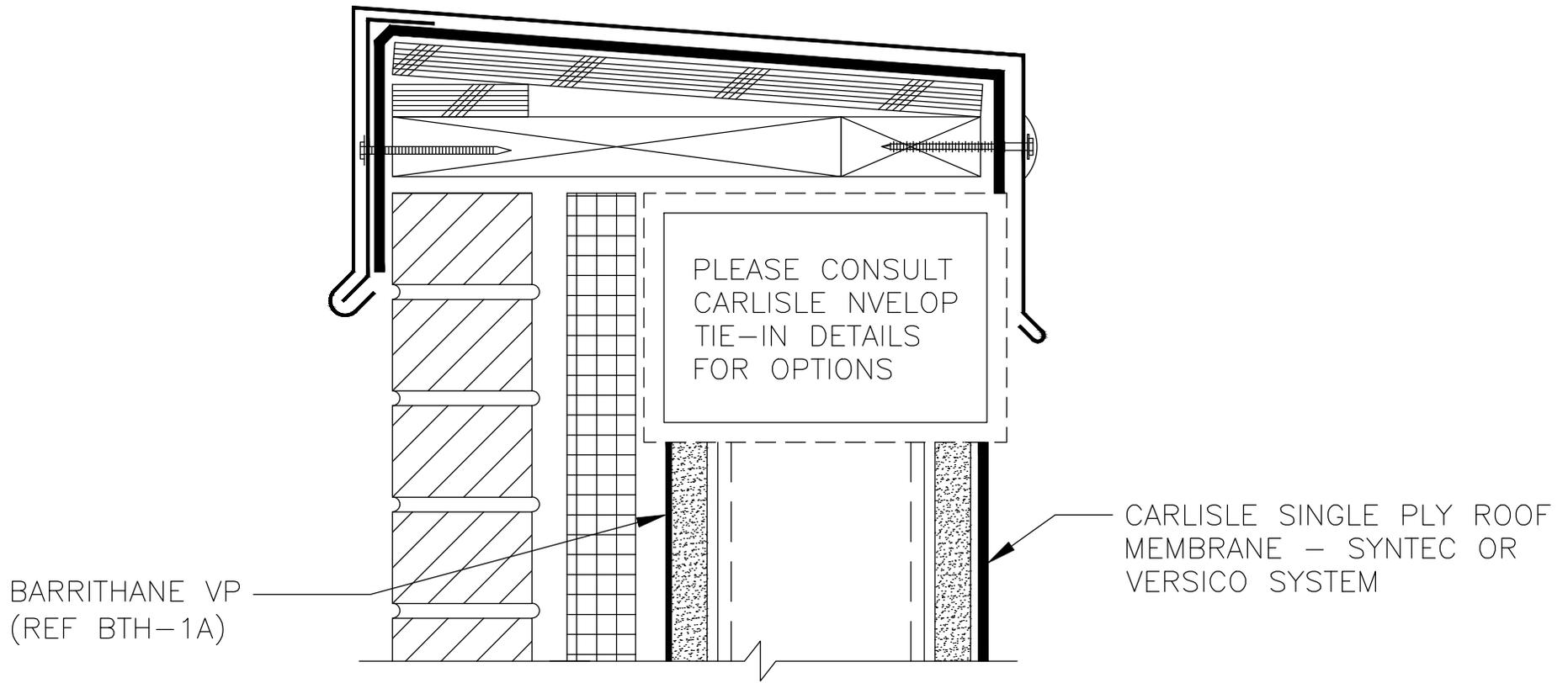
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-9A

BARRITHANE VP  
TERMINATION AT WEATHER BARRIER  
BY OTHERS



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BARRITHANE VP  
(REF BTH-1A)

CARLISLE SINGLE PLY ROOF  
MEMBRANE - SYNTEC OR  
VERSICO SYSTEM

PLEASE CONSULT  
CARLISLE NVELOP  
TIE-IN DETAILS  
FOR OPTIONS

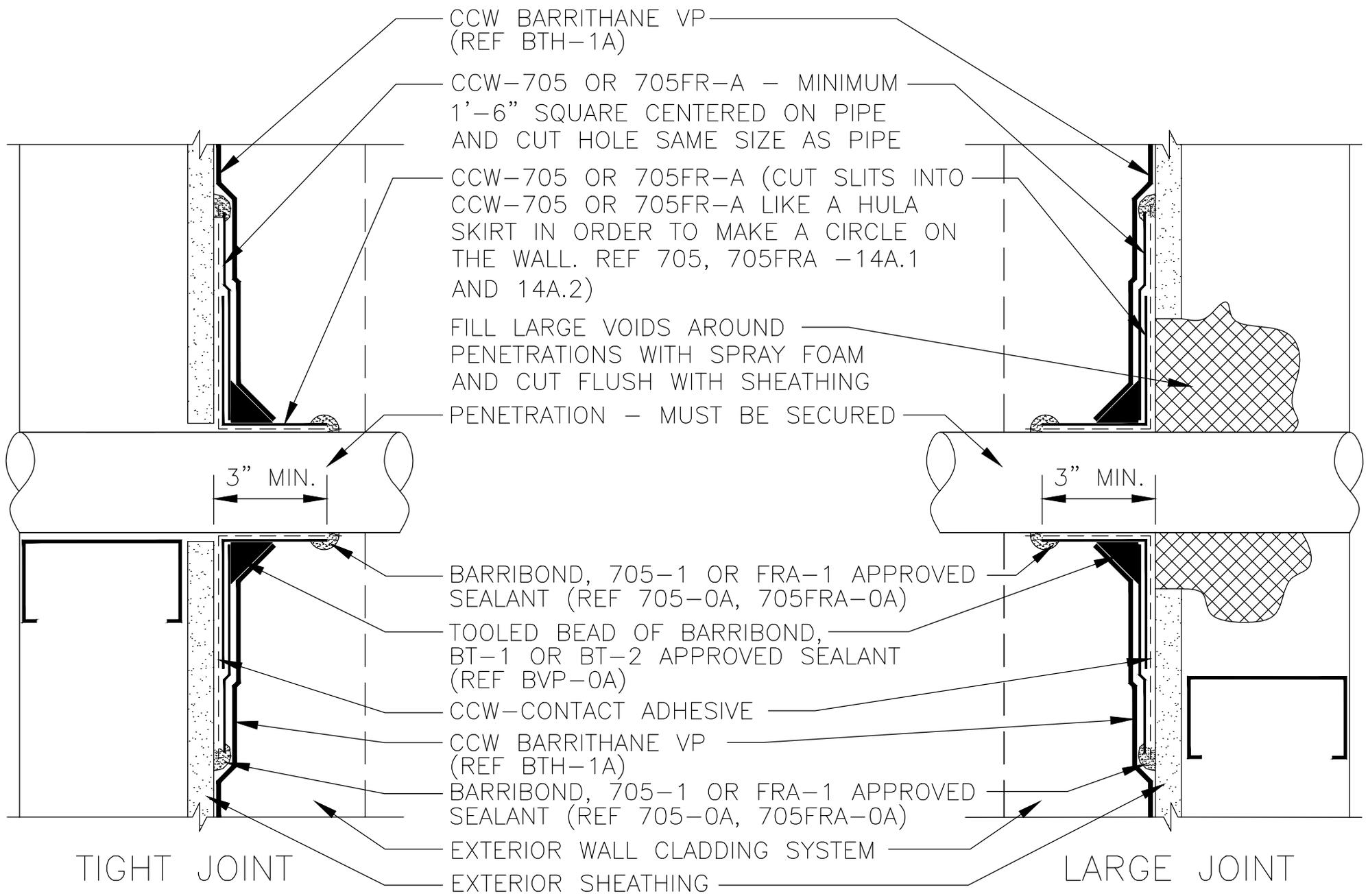
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
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IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-11A

BARRITHANE VP TIE-IN TO  
CCM ROOF AT PARAPET



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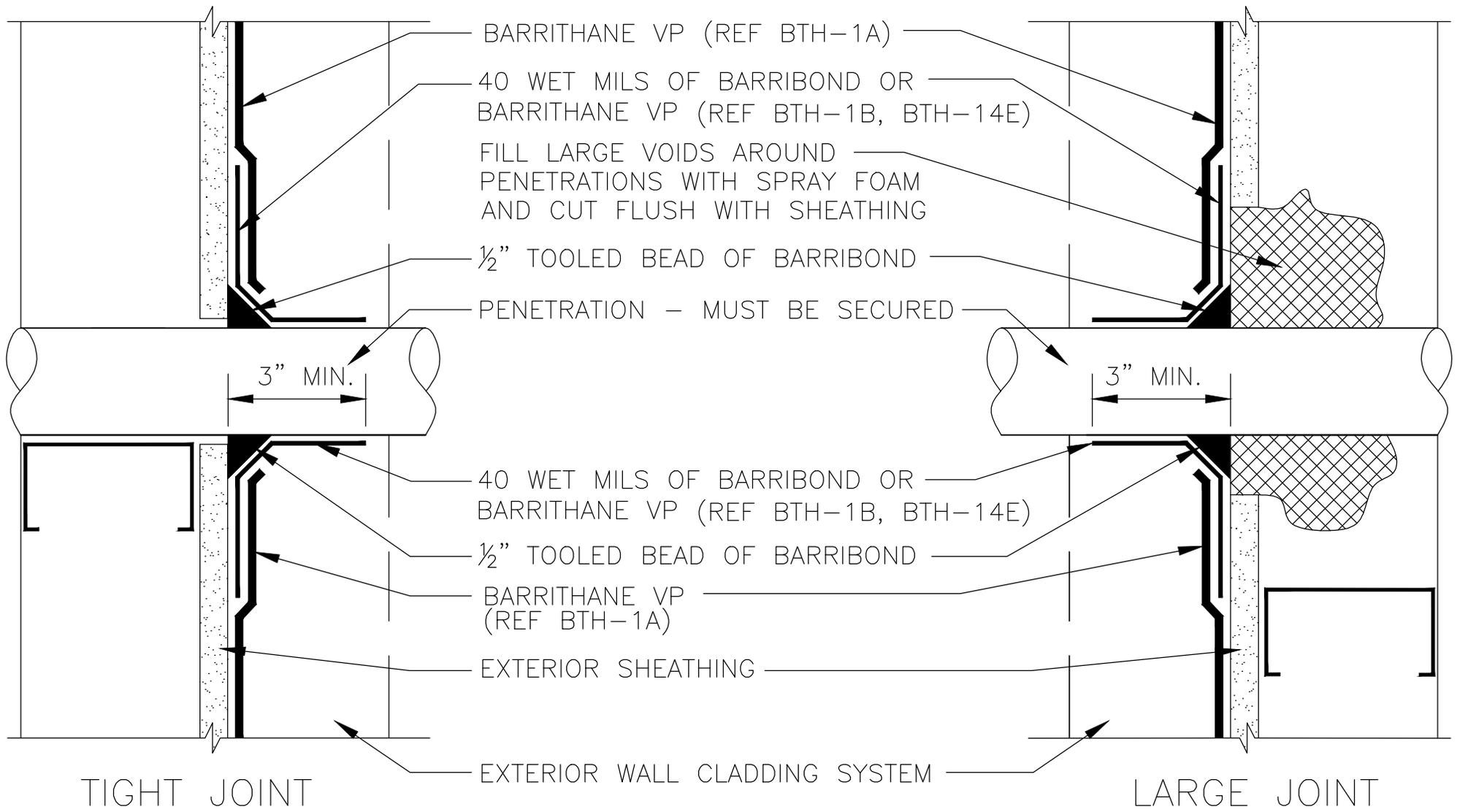
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BTH-14A

SELF-ADHERING SHEET FLASHING AT PIPE PENETRATION



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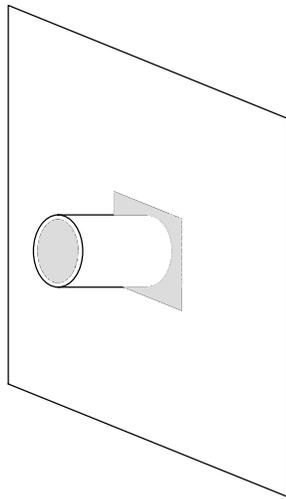
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BTH-14B

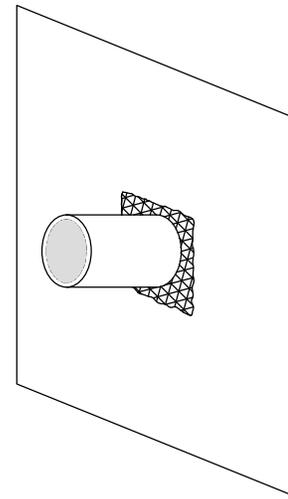
# LIQUID FLASHING AT PIPE PENETRATION



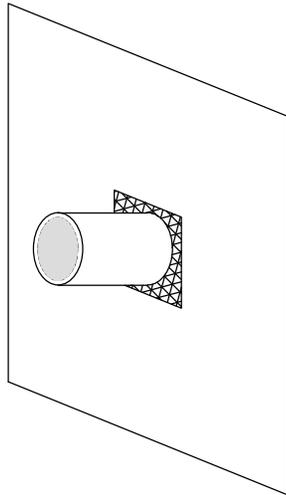
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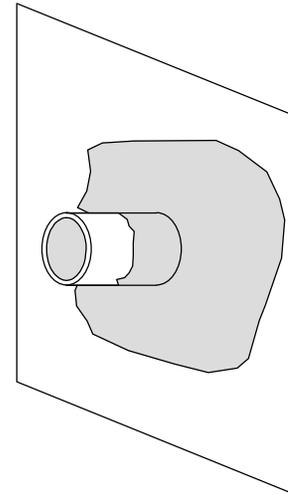
PIPE PENETRATION  
WITH ROUGH GAP



FILL TIGHTER GAPS WITH  
BARRIBOND. FILL ROUGH  
GAPS WITH EXPANDING FOAM



SHAVE FOAM FLUSH  
AFTER CURE



APPLY BARRIBOND OR  
BARRITHANE VP AT 40 WET MILS

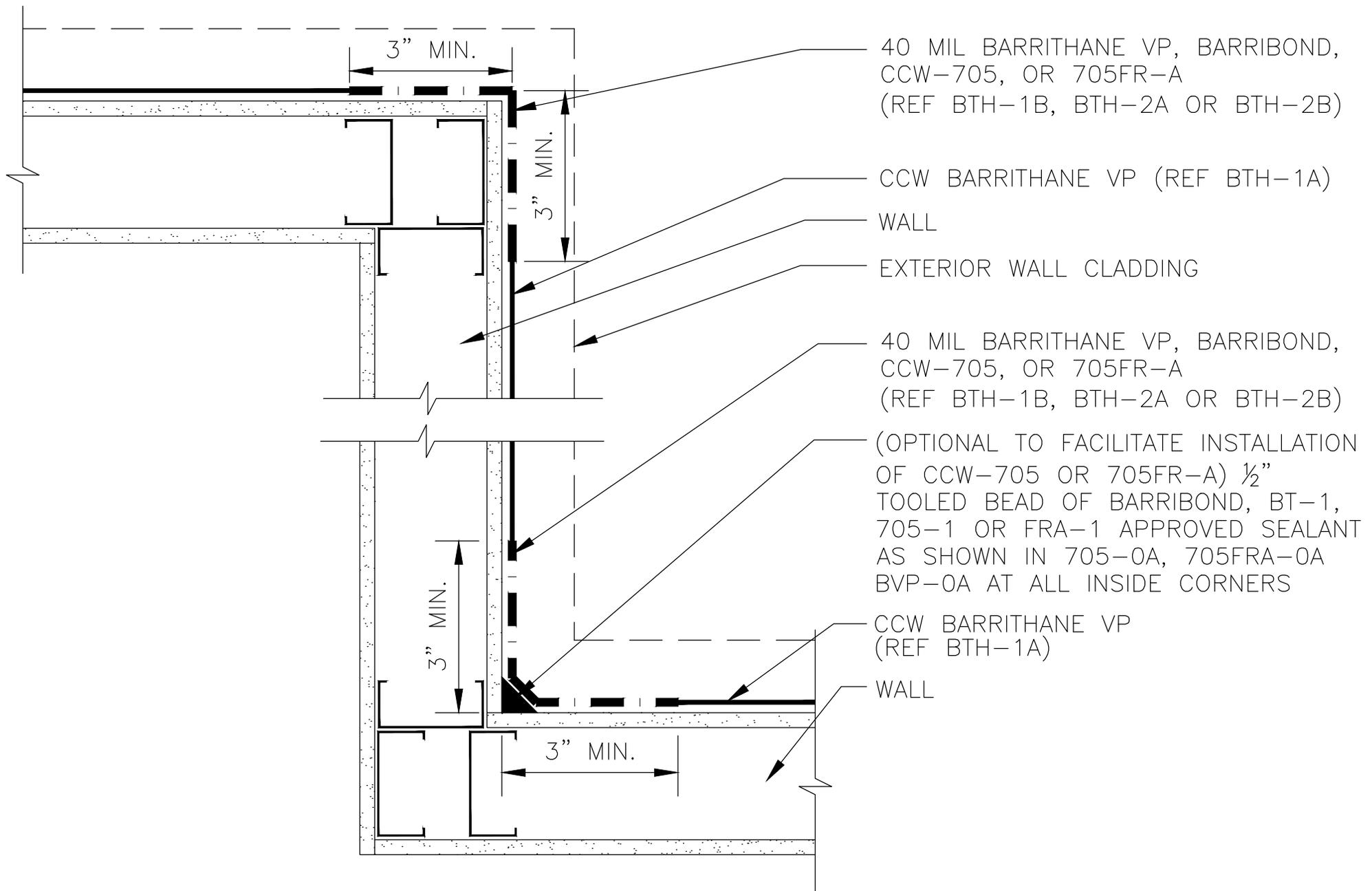
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-14C

INSTALLATION SEQUENCE LIQUID  
FLASHING AT PIPE PENETRATION

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40 MIL BARRITHANE VP, BARRIBOND, CCW-705, OR 705FR-A (REF BTH-1B, BTH-2A OR BTH-2B)

CCW BARRITHANE VP (REF BTH-1A)

WALL

EXTERIOR WALL CLADDING

40 MIL BARRITHANE VP, BARRIBOND, CCW-705, OR 705FR-A (REF BTH-1B, BTH-2A OR BTH-2B)

(OPTIONAL TO FACILITATE INSTALLATION OF CCW-705 OR 705FR-A) 1/2" TOOLED BEAD OF BARRIBOND, BT-1, 705-1 OR FRA-1 APPROVED SEALANT AS SHOWN IN 705-0A, 705FRA-0A BVP-0A AT ALL INSIDE CORNERS

CCW BARRITHANE VP (REF BTH-1A)

WALL

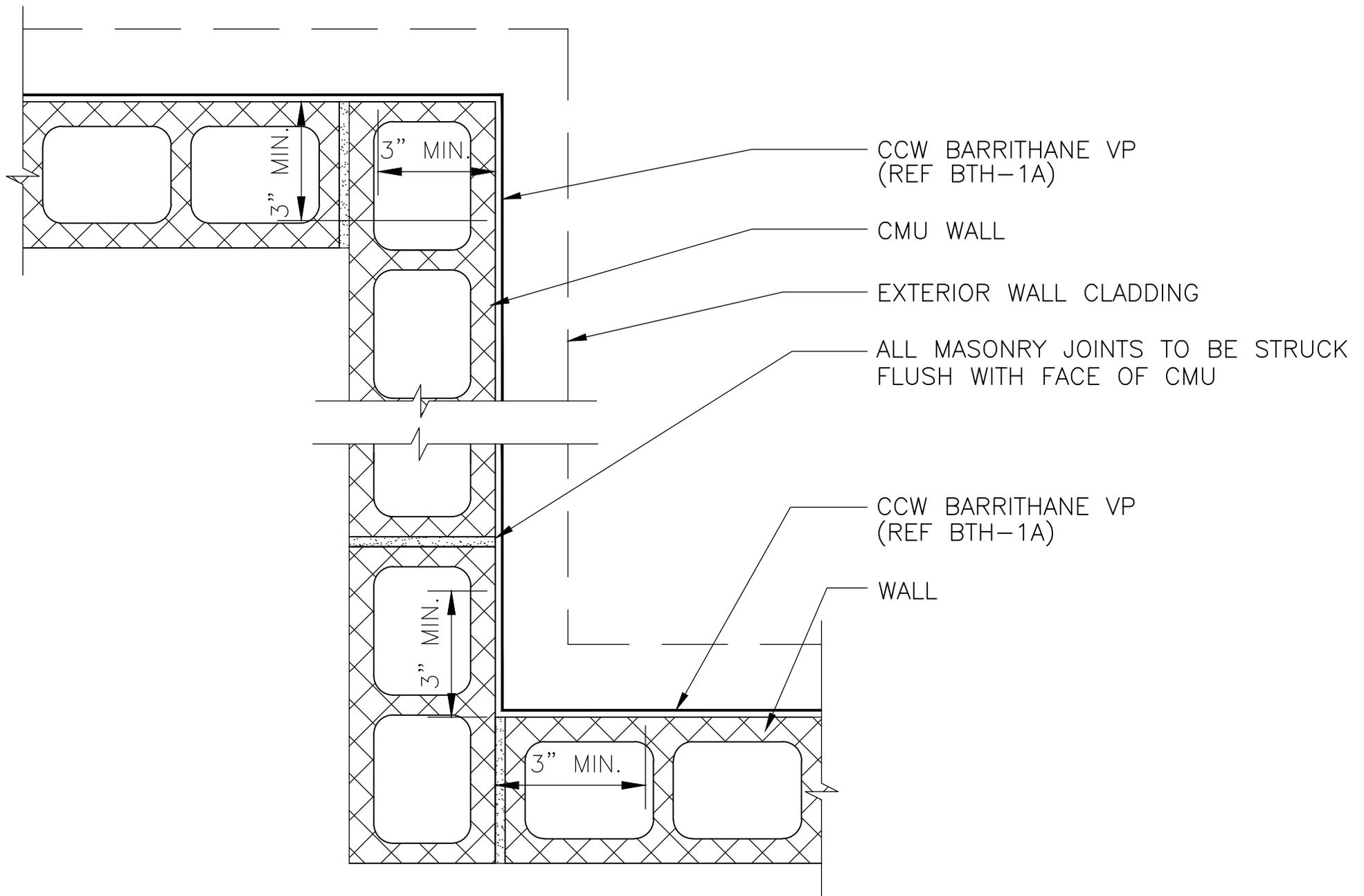
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-15A

INSIDE/OUTSIDE CORNERS



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BTH-15B

INSIDE / OUTSIDE  
 CMU WALL CORNERS

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**NOTES:**

1. ALL SURFACES ACCEPTING CCW-705, 705FR-A, CCW-705-TWF AND CCW MIRADRI-860/861 SHALL BE PREPARED WITH CCW CONTACT ADHESIVE

CCW-705 OR 705FR-A (REF BTH-2A, BTH-2B)

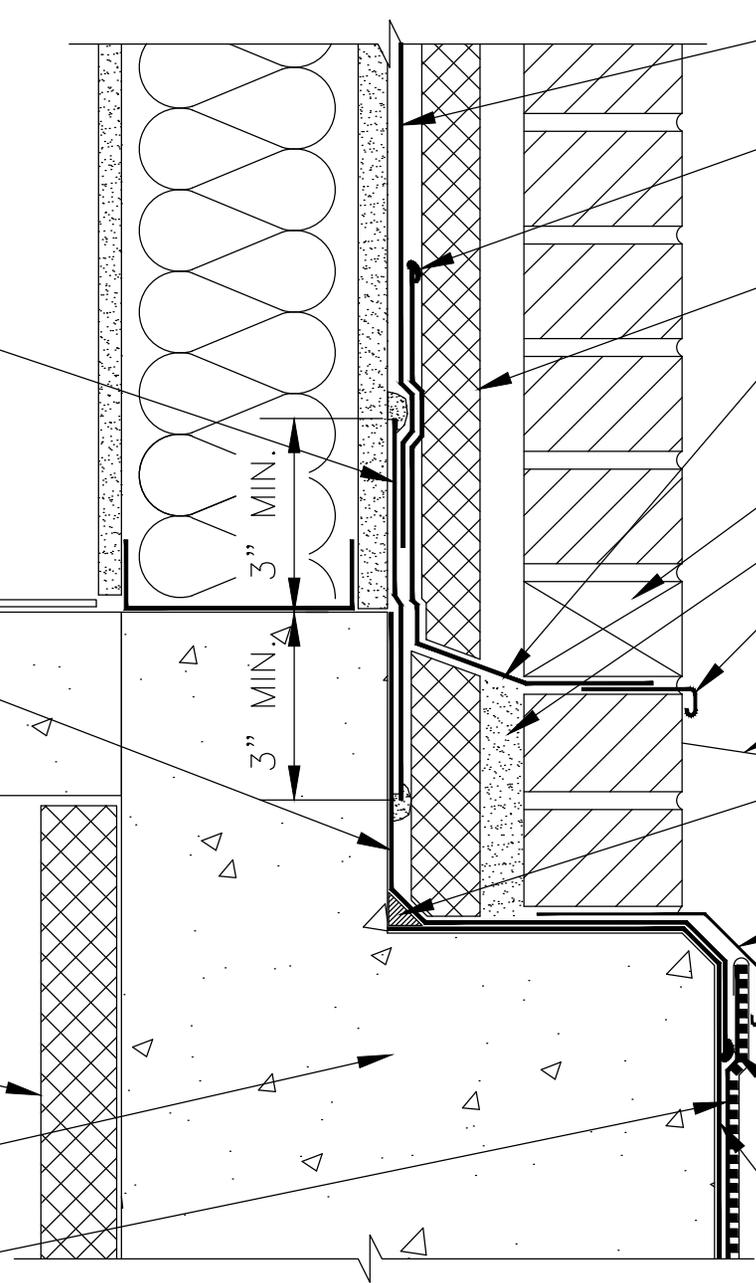
CCW MIRADRI 860/861 LAP 6" MINIMUM ONTO BELOW GRADE WATERPROOFING SYSTEM AND TERMINATE WITH MASTIC. PEEL BACK DRAINAGE COMPOSITE FOR ACCESS IF NECESSARY

SLAB

BELOW GRADE INSULATION. R-VALUE TO CODE

FOUNDATION

MIRADRAIN DRAINAGE COMPOSITE



- BARRITHANE VP (REF BTH-1A)
- BARRIBOND OR 705-1 APPROVED SEALANT (REF 705-0A)
- CAVITY INSULATION
- CCW-705-TWF (TERMINATE 1/2" FROM EXTERIOR)
- WEEPS
- CAVITY GROUT SOLID
- METAL DRIP EDGE (BY OTHERS) EMBEDDED IN SEALANT
- GRADE
- 3/4" CANT BEAD OF CCW-LM-800XL OR CCW-201 SEALANT
- METAL COUNTER-FLASHING TO PROTECT WATERPROOFING TERMINATION
- CCW-704 OR CCW-LM-800XL MASTIC
- CCW MIRADRI 860/861 OR BARRICOAT-S/R

AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BTH-16A

BARRITHANE VP  
FOUNDATION TIE-IN



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