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GROUP BT-1

SEALANTS FOR USE UNDER BARRITECH VP ONLY

CCW-LM-800XL

CCW GREENBOND WB

OTHERS AS APPROVED BY CARLISLE

GROUP BT-2

SEALANTS FOR USE OVER OR UNDER BARRITECH VP

BARRIBOND

BARRIBOND XL

BARRIBOND HP

CCW-201

CARLISLE UNIVERSAL SINGLE PLY SEALANT

CARLISLE SURE-SEAL LAP SEALANT

CCW-703V

OTHERS AS APPROVED BY CARLISLE

GROUP BT-3

SILICONE SEALANTS FOR USE OVER BARRITECH VP ONLY

DOW CORNING 790, 791, 795, 756, 758

GE SILPRUF, SILPRUF LM

PECORA 890, 895

OTHERS AS APPROVED BY CARLISLE

GROUP BT-A

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

BARRIBOND

BARRIBOND XL

BARRIBOND HP

P-L 300 FOAMBOARD ADHESIVE BY LOCTITE

SONNOBORN PREMIUM ADHESIVE BY  
MASTER BUILDERS

CCW-GREENBOND

OTHERS AS APPROVED BY CARLISLE

NOTES:

SEALANTS BY  
OTHERS/EVEN IF  
APPROVED BY CCW  
FOR ADHESION AND  
COMPATIBILITY ARE  
NOT PART OF  
CCW'S BARRITECH  
VP SYSTEM  
WARRANTY

ALLOW  
SOLVENT-BASED  
SEALANTS TO CURE  
BEFORE COVERING  
WITH BARRITECH VP

FOLLOW  
APPLICATION  
INSTRUCTIONS BY  
SEALANT  
MANUFACTURER

DO NOT INSTALL 1  
PART SEALANTS  
INTO JOINTS  
EXCEEDING ½ INCH  
DEPTH

BVP-0A

BARRITECH VP  
APPROVED SEALANTS



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Material "M" Contacting Barritech VP "BVP"	M over BVP*	BVP over M	Comments
Plywood - standard, pressure-treated, fire treated	Y	Y	Moisture content of wood must be below 19% before covering with BVP. Treated wood products must be kiln-dried to achieve this. When wood nailers or furring are applied over BVP, leave them bare. Do not encapsulate with BVP.
OSB	Y	Y	
Lumber – standard, pressure-treated, fire treated	Y	Y	
Glass Mat Faced Exterior Gypsum Sheathing	Y	Y	Boards meeting ASTM C1177. Coverage and appearance of BVP over the board facer can vary with brand.
Interior Gypsum Sheathing	Y	Y	Interior application only
Plain Steel – structural members	Y	Y	Remove rust and scale. Coat with corrosion-resistant primer
Galvanized Steel – studs, fluted deck, flashings	Y	Y	
Cementitious Materials – concrete, mortar, plaster, stucco	Y	Y	Concrete shall be cured 7 days minimum before coating with BVP. Provide 15# felt or drainage composite between M and BVP when M is cast against BVP.
Clay Brick, Concrete Block and Stone	Y	Y	BVP over M coverage varies significantly with porosity.
Aluminum – Sheet Flashings, Extrusions	Y	Y	Follow practices for aluminum in alkaline environments.
EPS – Foam Sheathing and Insulated Concrete Forms	Y	Y	Flash head of wall and openings before installing BVP over M. Cover BVP with cladding ASAP.
XPS, Polyiso and Phenolic Foam Sheathing	Y	Y	
Spray Foam – Open Cell or Closed Cell	Y	Y	BVP can go over closed cell foam in interior applications.
Batt Insulation – Mineral Wool, Fiber Glass	Y	N	Exterior-applied mineral wool over BVP must drain efficiently, not hold water against BVP.
Copper Flashings – Sheet, Composite and Copper Fabric	Y	N	Follow flashing manufacturer's instructions for attachment and termination.
Stainless Flashing	Y	Y	
Rigid PVC Window Extrusion	Y	Y	
Paints – Factory-Applied or Field Applied	N	Y	Perform field adhesion test before proceeding with BVP over M.

\*BVP shall be fully-cured before covering

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 Barritech 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.

BVP-OB

# ADHESION AND CHEMICAL COMPATIBILITY OF BARRITECH VP WITH GENERIC BUILDING MATERIALS



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Product "P" Contacting Barritech VP "BVP"	P over BVP	BVP over P	Comments
Carlisle Roofing Systems EPDM, TPO and PVC Roofing Membranes and Flashings	N	N	Consult tie-in details at <a href="https://www.carlisleenvelop.com/">https://www.carlisleenvelop.com/</a>
Carlisle Roofing Systems Air/Vapor Barriers: 725 TR, Vap-Air SEAL MD	Y	Y	
Non-Adhered CCW EPDM Wall Flashings: Pre-Kleened EPDM TWF, Clean-Cured Flashing	Y	N	Allow BVP to cure before covering with EPDM. Or, bed EPDM in wet BVP and fasten in place.
Adhered CCW EPDM Wall Flashings: Pre-Kleened EPDM TWF or Clean-Cured Flashing w/ bonding adhesive, P/S Elastoform, P/S Cover Strip	Y	Y	Flashing to Substrate: Seal flashing termination w/ Carlisle Lap Sealant, neighboring BVP coat over cured Lap Sealant. Flashing to cured BVP. Prep cured BVP with EPDM primer for P/S flashings or with bonding adhesive for non-P/S EPDM
"P/S" = pressure sensitive			
Carlisle Rubberized Asphalt Self-Adhered Flashings and Membranes: CCW-705, TWF and FR-A, MiraDRI 860/861, 860 ULT, Blueskin SA, TWF and Metal-Clad and WP-200.*	Y	Y	BVP permitted over membrane edge and facer. BVP shall be fully cured and surface prepped with contact adhesive before installing flashing/membrane. See details BVP-2A and BVP-2B
CWT Non-Asphalt Self-Adhered Flashings & Membranes: alumaGRIP-701, Foil-Grip 1402, BRT-801, Blueskin ButylFlash, FortiFlash Butyl	Y	Y	
CWT Acrylic-Based Liquids: Barritech NP & NP LT, Air-Bloc 16MR, 17MR, 31MR, and 33 MR	Y	Y	
CWT Asphalt Emulsion Products: Barriseal, Barricoat, Air-Bloc 06WB and 06QS, Aqua-Bloc WB and QS*	Y	Y	Materials can go over or under one another. Base coat shall be firm dry before applying topcoat.
CWT Above-Grade STPE Products: Barrithane VP, Barribond, Barribond XL, Barribond HP, Air-Bloc LF, Air-Bloc All-Weather STPE, Henry BES925	Y	Y	Allow BVP to cure fully before covering with STPE. BVP can go over wet STPE product.
CWT VP Sheets: 705VP, CCW-705RS, Blueskin VP160, Blueskin VP100	N	N	Avoid contact of BVP with VP Sheet. Terminate BVP with self-adhered sheet and lap VP sheet over termination.
Carlisle Wall Polyiso: R2+ BASE, R2+ SILVER, R2+ SHEATHE, R2+ MATTE, XCI Ply, XCI Foil, XCI Foil (Class-A), XCI CG	Y	Y	Insulation over BVP: Allow BVP to cure fully first BVP over insulation: Flash head of wall and openings before installing BVP. Cover BVP with cladding ASAP.
Carlisle Wall EPS: Insulfoam, R-Tech	Y	Y	
Carlisle Spray Foam: SealTITE PRO Closed Cell, Open Cell	Y	Y	Spray foam permitted over cured BVP. BVP can go over closed cell spray foam in interior application.
CWT Cold-Applied Waterproofing: MiraSEAL, CM-100*	N	Y	Allow waterproofing to cure 21 days before coating w/ BVP
CCW MiraPLY, MiraWELD*	N	Y	Prep waterproofing membrane surface with Carlisle TPO Primer

\*Tie-in of BVP to waterproofing shall be above grade.

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 Barritech 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.

BVP—OC

ADHESION AND CHEMICAL COMPATIBILITY  
OF BARRITECH VP WITH OTHER CARLISLE  
PRODUCTS



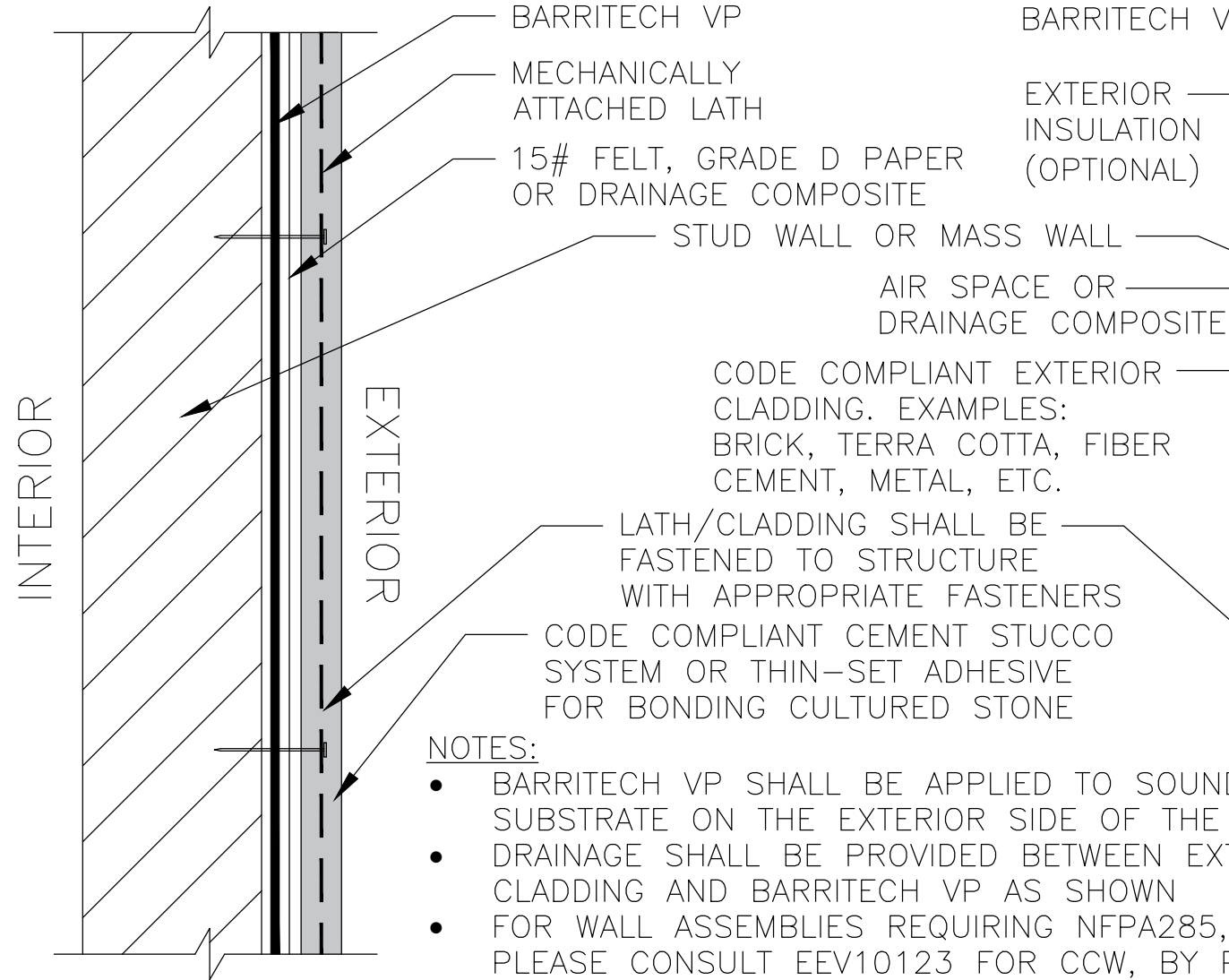
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Material	Contact	Comments
Strong acids and bases (examples: Muriatic Acid, Lye)	Not Permitted	Film and adhesive can be damaged by exposure to these.
Oil and Grease (examples: vegetable oil, animal fat, motor oil)	Not Permitted	Oil or grease will soften membrane.
Organic solvents (examples: toluene, mineral spirits)	Limited Exposure	Solvent-based sealants, coatings and primers can be applied to cured Barritech VP. However, solvents must be allowed to flash from these products before covering with Barritech VP. Soaking Barritech 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 Barritech VP with detergent solution before covering with cladding system.
Soil	Permitted	Barritech VP is for use above grade. Installed product can get dirty. Barritech 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	Not Permitted	Barritech VP is recommended for above grade use, in vertical wall assemblies. For resistance to water under hydrostatic head, consult CCW Waterproofing Systems.

Notes:

These recommendations are intended to assist the design professional and the installer to determine compatibility of Barritech 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.

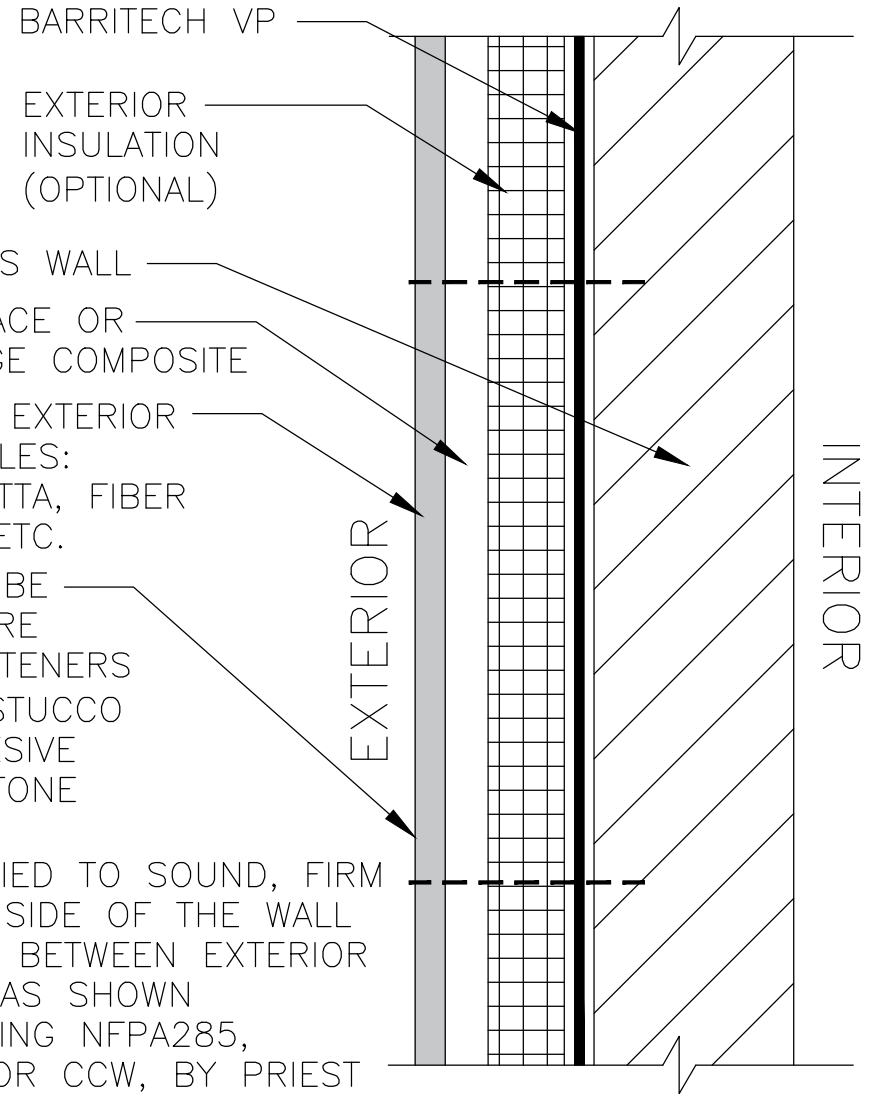
# STUCCO OR CULTURED STONE CLADDING



## NOTES:

- BARRITECH VP SHALL BE APPLIED TO SOUND, FIRM SUBSTRATE ON THE EXTERIOR SIDE OF THE WALL
- DRAINAGE SHALL BE PROVIDED BETWEEN EXTERIOR CLADDING AND BARRITECH VP AS SHOWN
- FOR WALL ASSEMBLIES REQUIRING NFPA285, PLEASE CONSULT EEV10123 FOR CCW, BY PRIEST AND ASSOCIATES CONSULTING LLC.
- BARRITECH VP PERFORMS AS A GRADE D "PERMEABLE" WATER RESISTIVE BARRIER AND AN AIR BARRIER

# DRAINED AND BACK VENTILATED CLADDING



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.

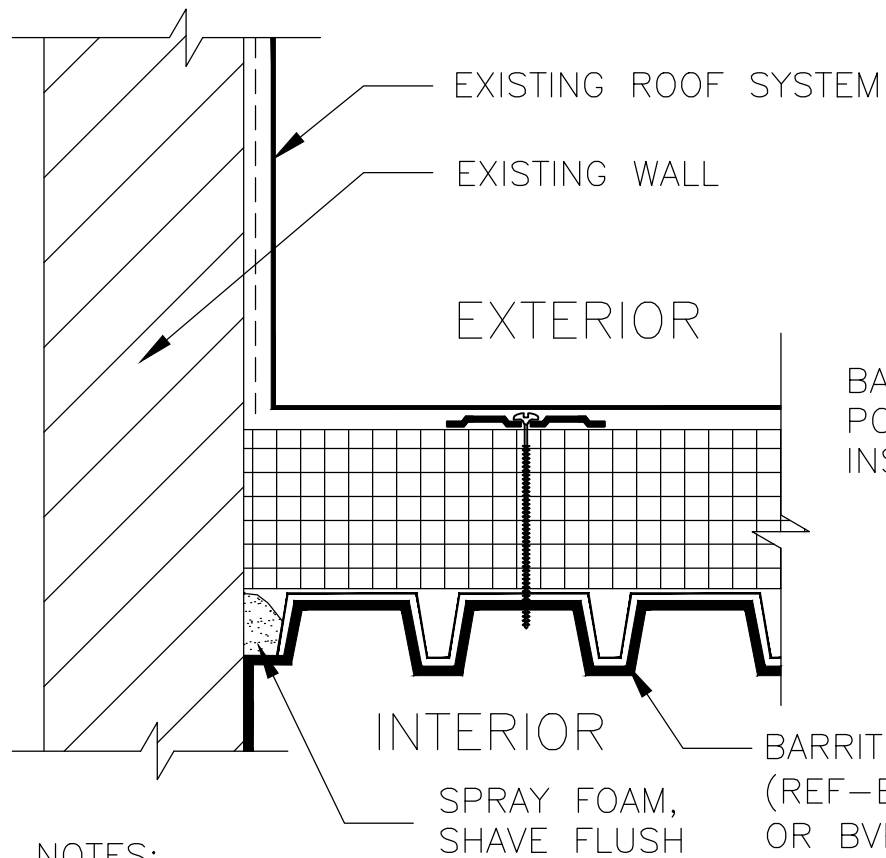
BVP-0E.1

BARRITECH VP  
EXTERIOR APPLICATION

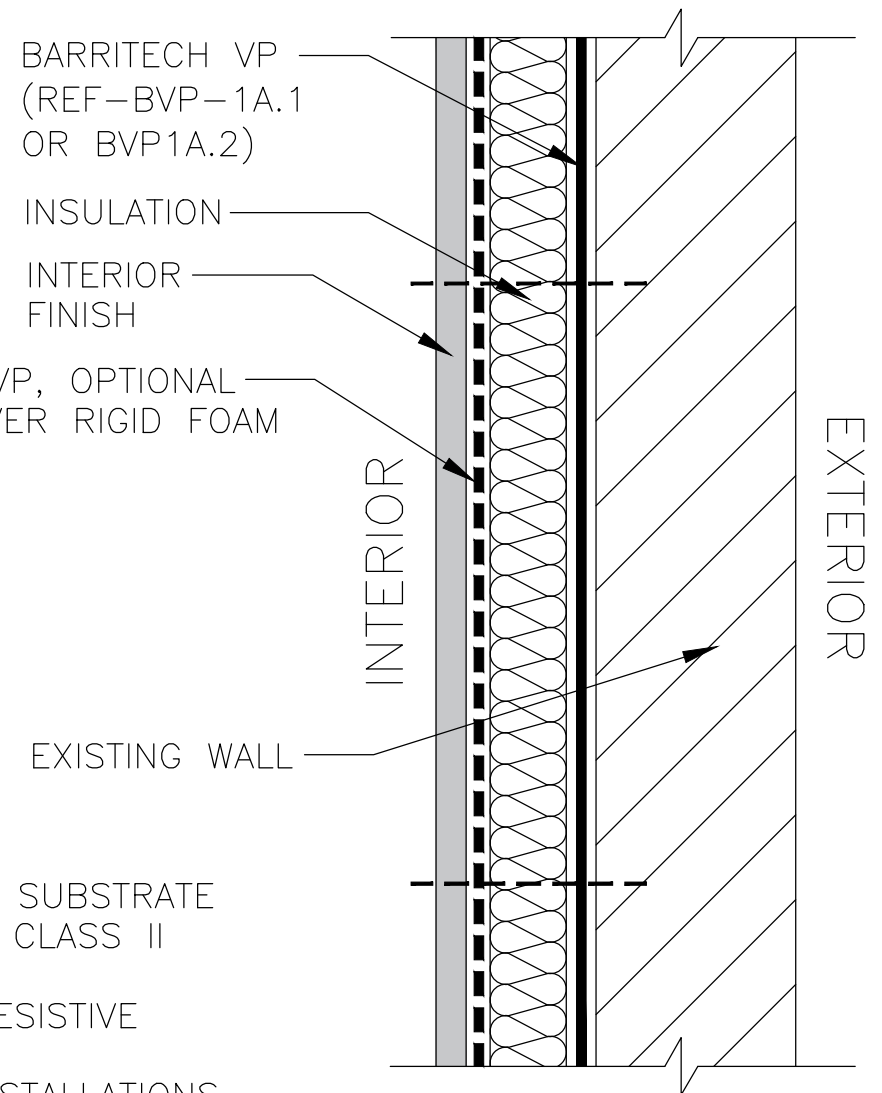
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## UNDER ROOF DECK



## INSIDE OF WALL



### NOTES:

- BARRITECH VP SHALL BE APPLIED TO SOUND, FIRM SUBSTRATE
- BARRITECH VP PERFORMS AS AN AIR BARRIER AND CLASS II VAPOR RETARDER
- BARRITECH VP DOES NOT PERFORM AS A WATER RESISTIVE BARRIER IN AN INTERIOR APPLICATION.
- CONSULT TECH BULLETIN ON CCW AVB INTERIOR INSTALLATIONS
- FOR WALL ASSEMBLIES REQUIRING NFPA285 PLEASE CONSULT EEV10123 FOR CCW BY PRIEST & ASSOCIATES CONSULTING LLC

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BVP-0E.2

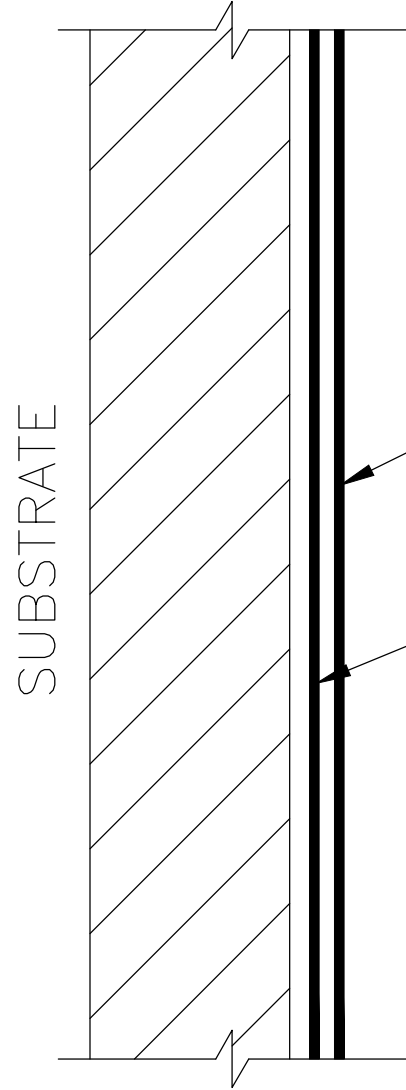
BARRITECH VP  
INTERIOR APPLICATION

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## BARRITECH VP ROLLER APPLICATION



TOP COAT BARRITECH VP,  
MINIMUM 30 WET MILS

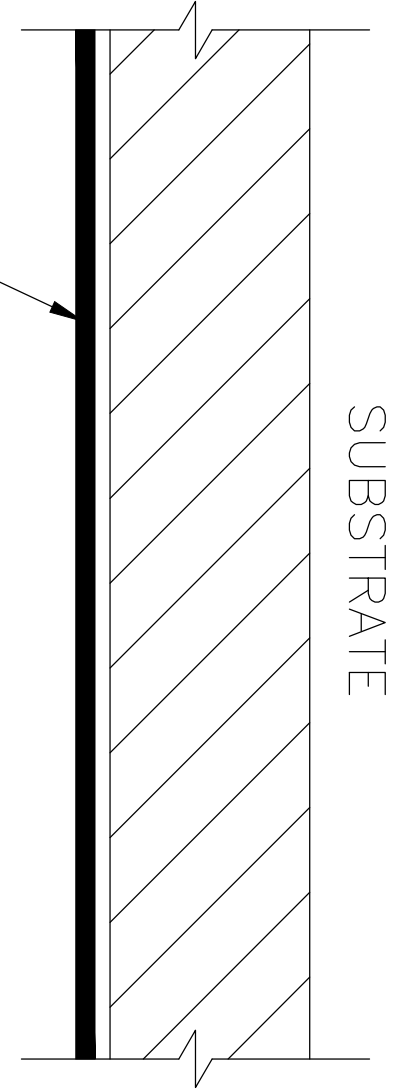
BASE COAT BARRITECH VP,  
MINIMUM 30 WET MILS

BARRITECH VP, SINGLE OR  
MULTIPLE COATS, MINIMUM  
60 WET MILS

### NOTES:

1. FOR ROLLER APPLICATION, ALLOW PREVIOUS COAT TO DRY FIRM BEFORE APPLICATION OF SUBSEQUENT COAT
2. MANDATORY MINIMUM THICKNESS FOR CONCRETE AND MASONRY SUBSTRATES
3. OPTIONAL MINIMUM THICKNESS ON EXTERIOR SHEATHING SUBSTRATES; OTHERWISE USE THICKNESS IN BVP-1A.2

## BARRITECH VP SPRAY APPLICATION



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.

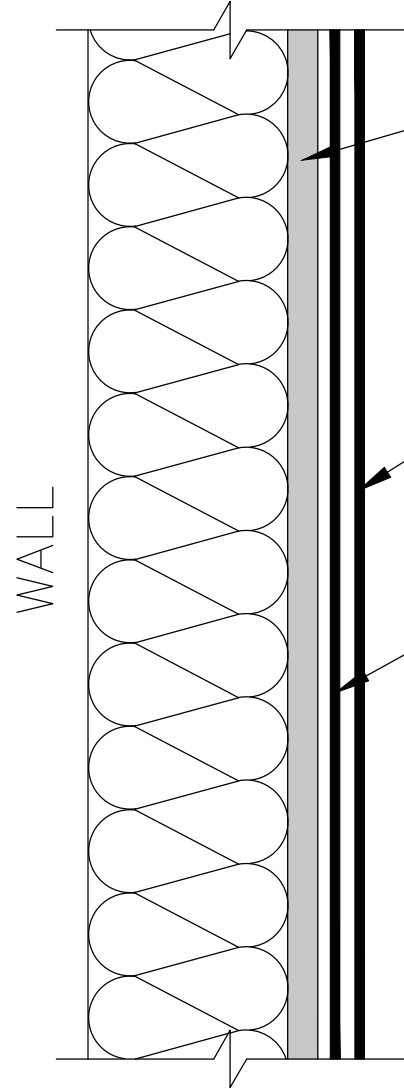
BVP-1A.1

BARRITECH VP  
COVERAGE, 60-MIL

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## BARRITECH VP ROLLER APPLICATION



GYPSUM, PLYWOOD, OSB  
OR FOAM SHEATHING

BARRITECH VP, SINGLE OR  
MULTIPLE COATS, MINIMUM  
45 WET MILS

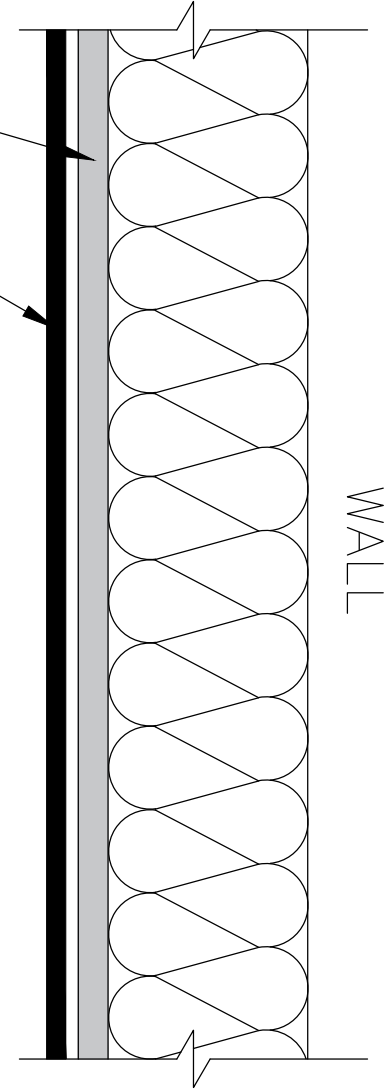
TOP COAT BARRITECH VP,  
MINIMUM 22.5 WET MILS

BASE COAT BARRITECH VP,  
MINIMUM 22.5 WET MILS

### NOTES:

1. FOR ROLLER APPLICATION, ALLOW PREVIOUS COAT TO DRY FIRM BEFORE APPLICATION OF SUBSEQUENT COAT
2. OPTIONAL MINIMUM THICKNESS ON EXTERIOR SHEATHING SUBSTRATES; OTHERWISE USE THICKNESS IN BVP-1A.1

## BARRITECH VP SPRAY APPLICATION



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BVP-1A.2

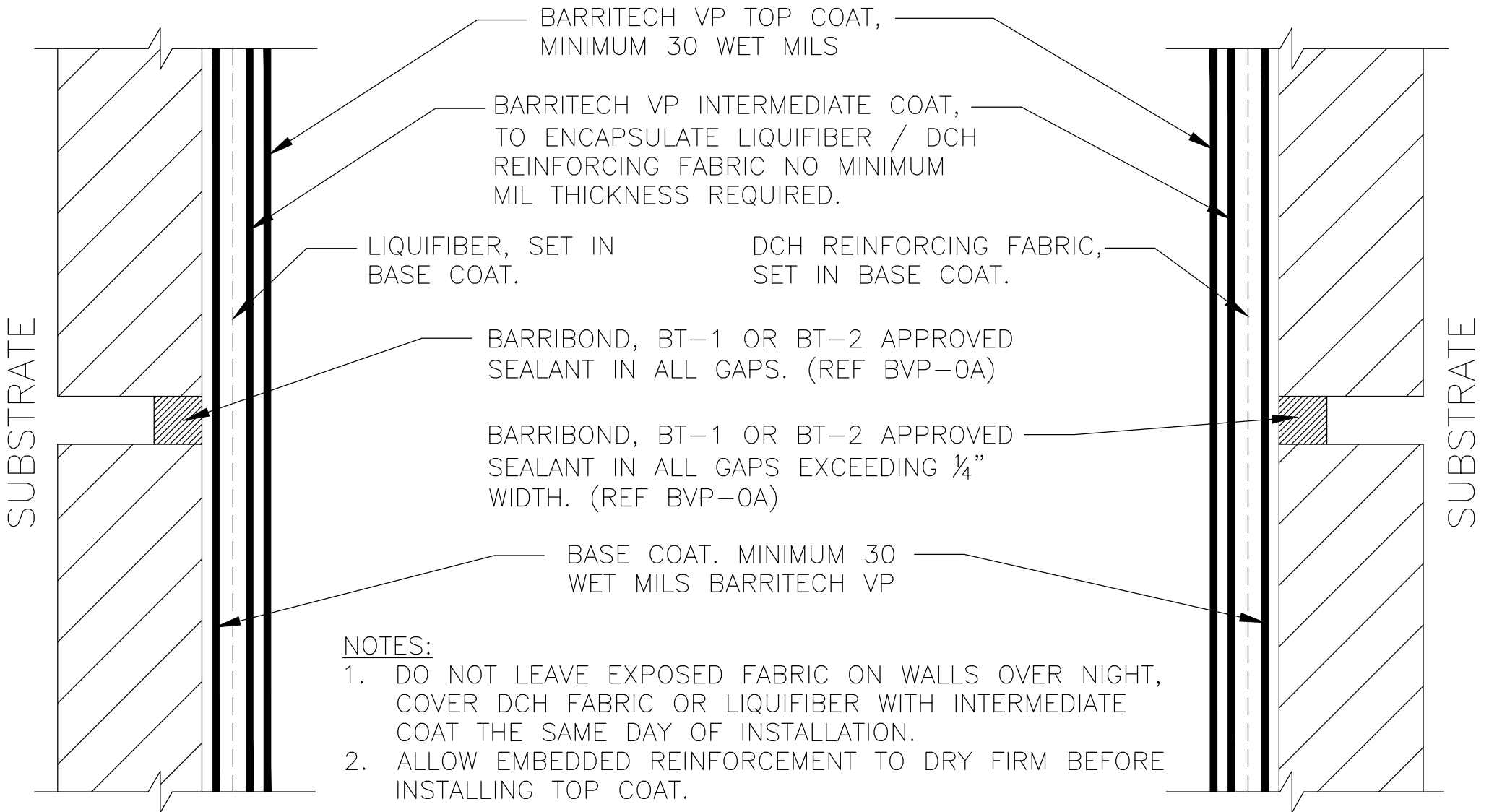
BARRITECH VP  
COVERAGE, 45-MIL

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# LIQUIFIBER

# DCH REINFORCING FABRIC



## NOTES:

1. DO NOT LEAVE EXPOSED FABRIC ON WALLS OVER NIGHT, COVER DCH FABRIC OR LIQUIFIBER WITH INTERMEDIATE COAT THE SAME DAY OF INSTALLATION.
2. ALLOW EMBEDDED REINFORCEMENT TO DRY FIRM BEFORE INSTALLING TOP COAT.

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.

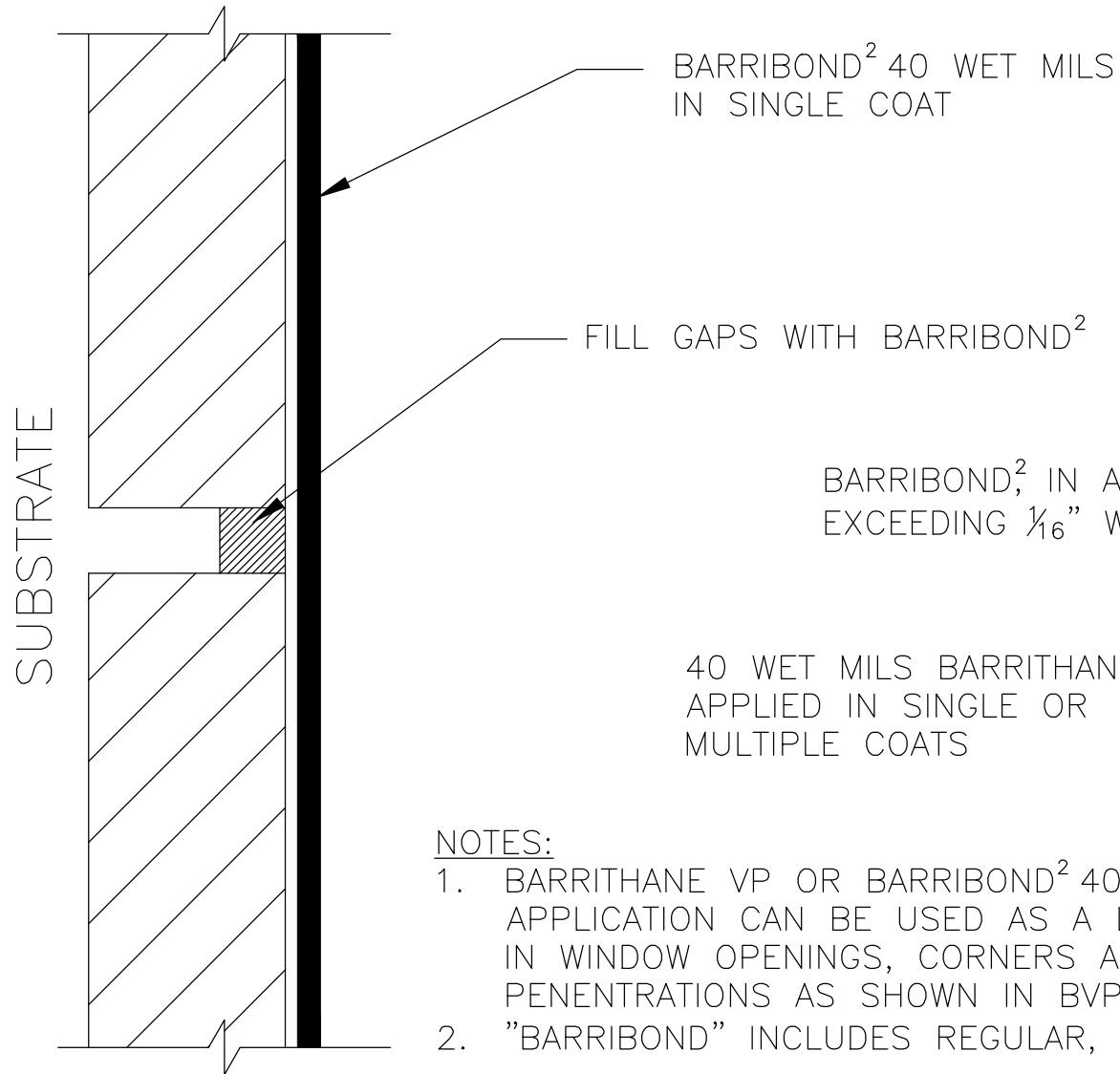
BVP-1B

BARRITECH VP SPRAY OR ROLLER APPLICATION EMBEDDED REINFORCEMENT

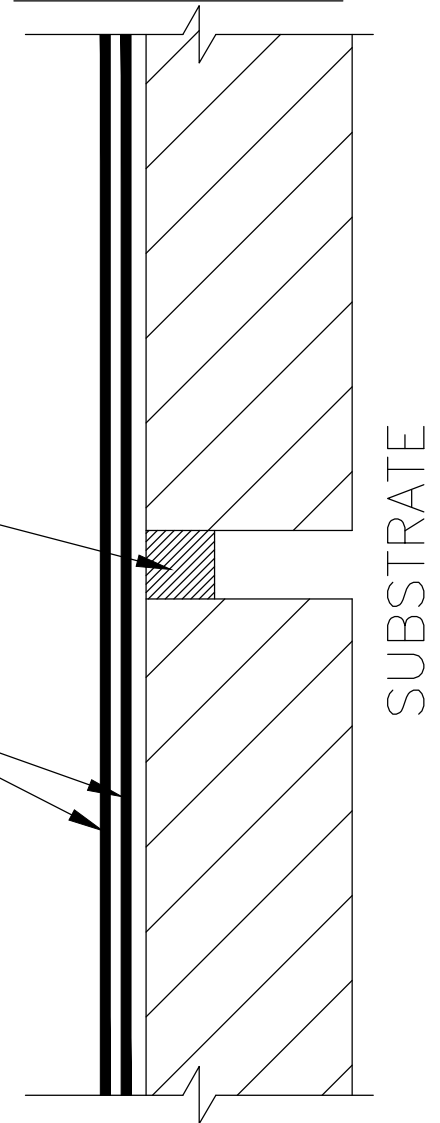


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## BARRIBOND<sup>2</sup> TROWEL APPLICATION



## BARRITHANE VP ROLLER OR BRUSH APPLICATION



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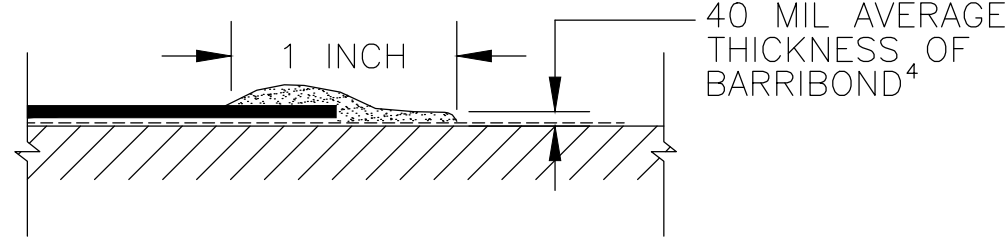
BVP-1C

LIQUID FLASHING APPLICATION

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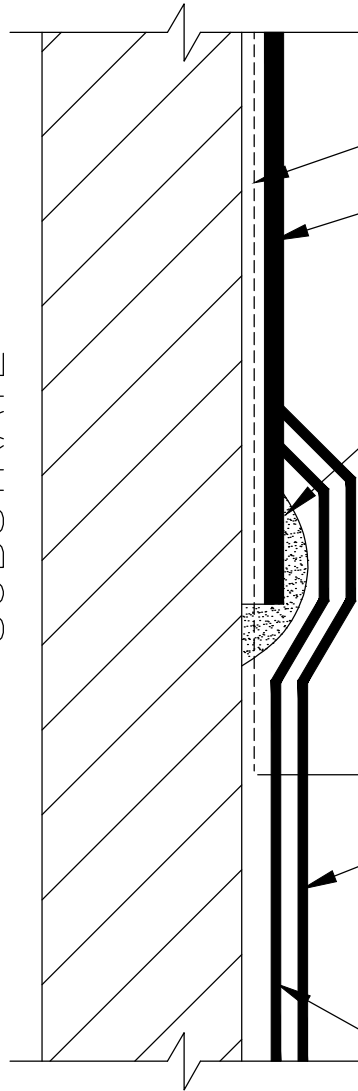
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# BARRITECH VP ROLLER-APPLIED SYSTEM



# BARRITECH VP SPRAY-APPLIED SYSTEM

SUBSTRATE



MINIMUM  
1 INCH

- CCW CONTACT ADHESIVE
- CCW-705, 705FR-A  
OR CCW-705-TWF
- BARRIBOND<sup>4</sup> OR BT-1  
APPROVED SEALANT (REF  
BVP-0A)

## NOTES:

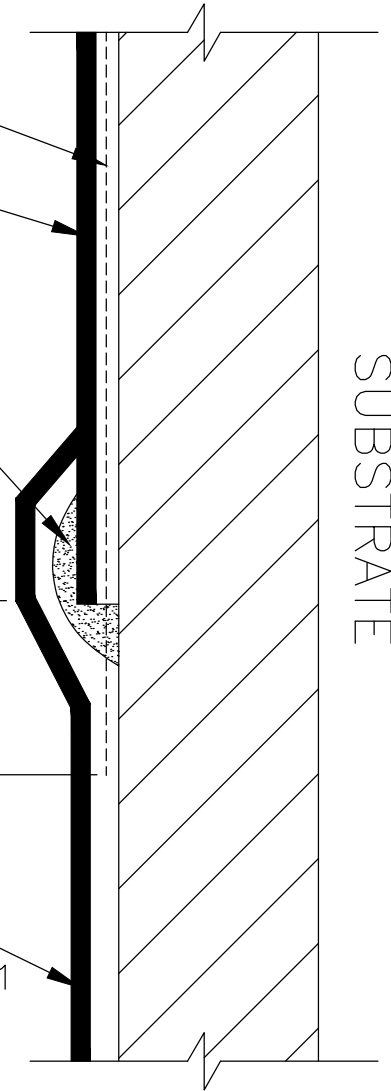
1. CCW CONTACT ADHESIVE SHALL EXTEND 1 INCH MINIMUM BEYOND EDGE OF AVB STRIP DETAIL
2. USE LAP SEALANT FEATHERING TOOL OR OTHER TECHNIQUE TO MAINTAIN MINIMUM 40 MILS OF SEALANT COVERING
3. BARRITECH VP SYSTEM SHALL COAT THE TERMINATION SEALANT
4. "BARRIBOND" INCLUDES REGULAR, XL AND HP

TOP COAT BARRITECH VP  
(REF-BVP-1A.1 OR BVP1A.2)

BARRITECH VP SINGLE OR  
MULTIPLE COATS (REF-BVP-1A.1  
OR BVP1A.2)

BASE COAT BARRITECH VP  
(REF-BVP-1A.1 OR BVP1A.2)

MINIMUM  
1 INCH



SUBSTRATE

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.

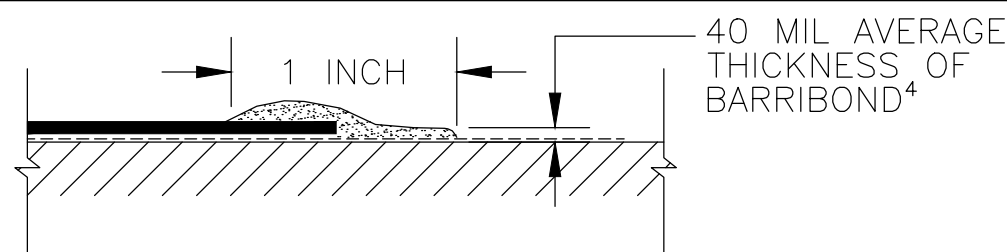
BVP-2A

BARRITECH VP/AVB DETAIL  
STRIP TERMINATION 1

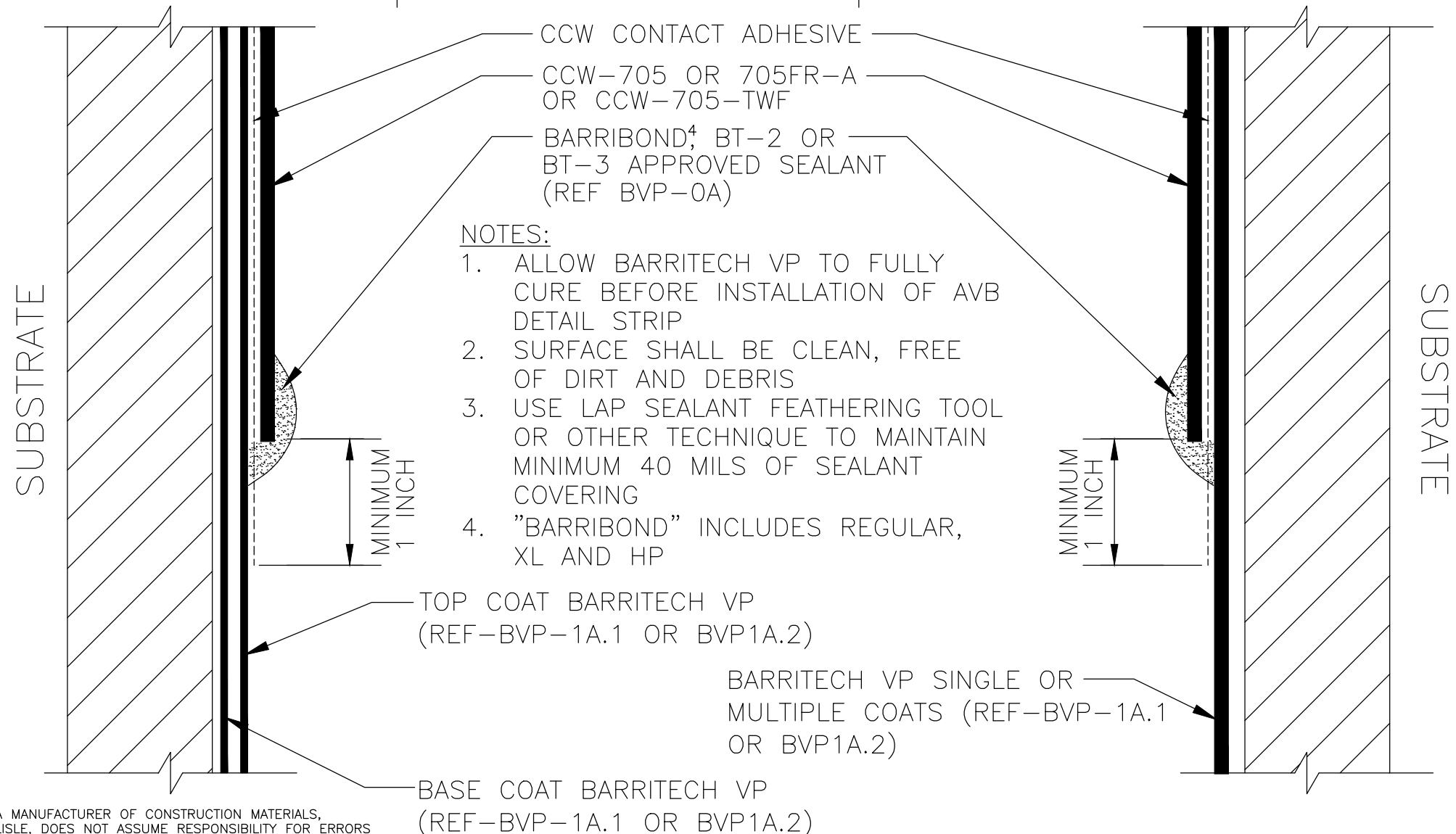
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AVB DETAIL  
STRIP OVER  
ROLLER-APPLIED  
BARRITECH VP



AVB DETAIL  
STRIP OVER  
SPRAY-APPLIED  
BARRITECH VP



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.

BVP-2B

BARRITECH VP/AVB DETAIL  
STRIP TERMINATION 2

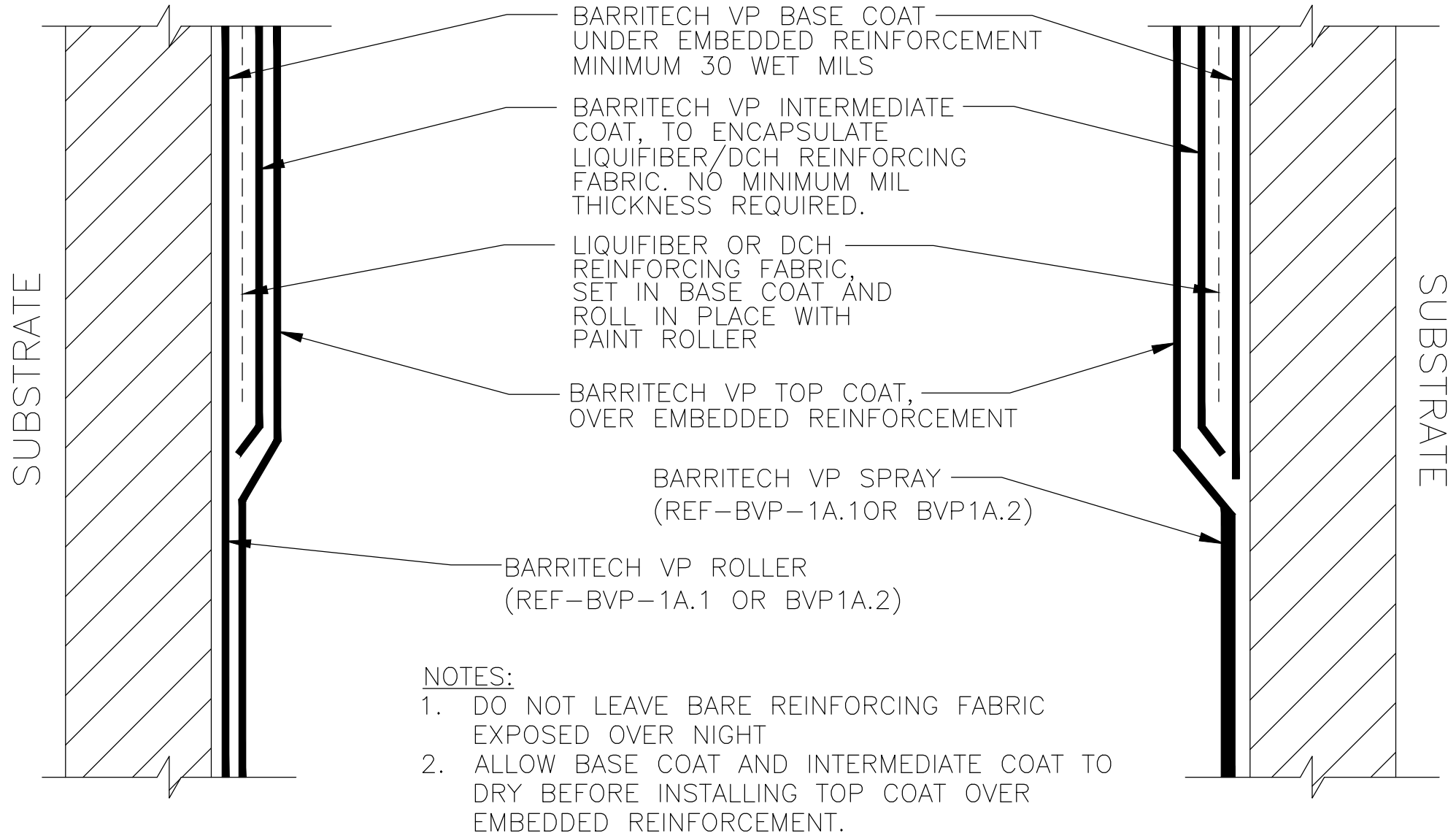
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# BARRITECH VP ROLLER APPLICATION

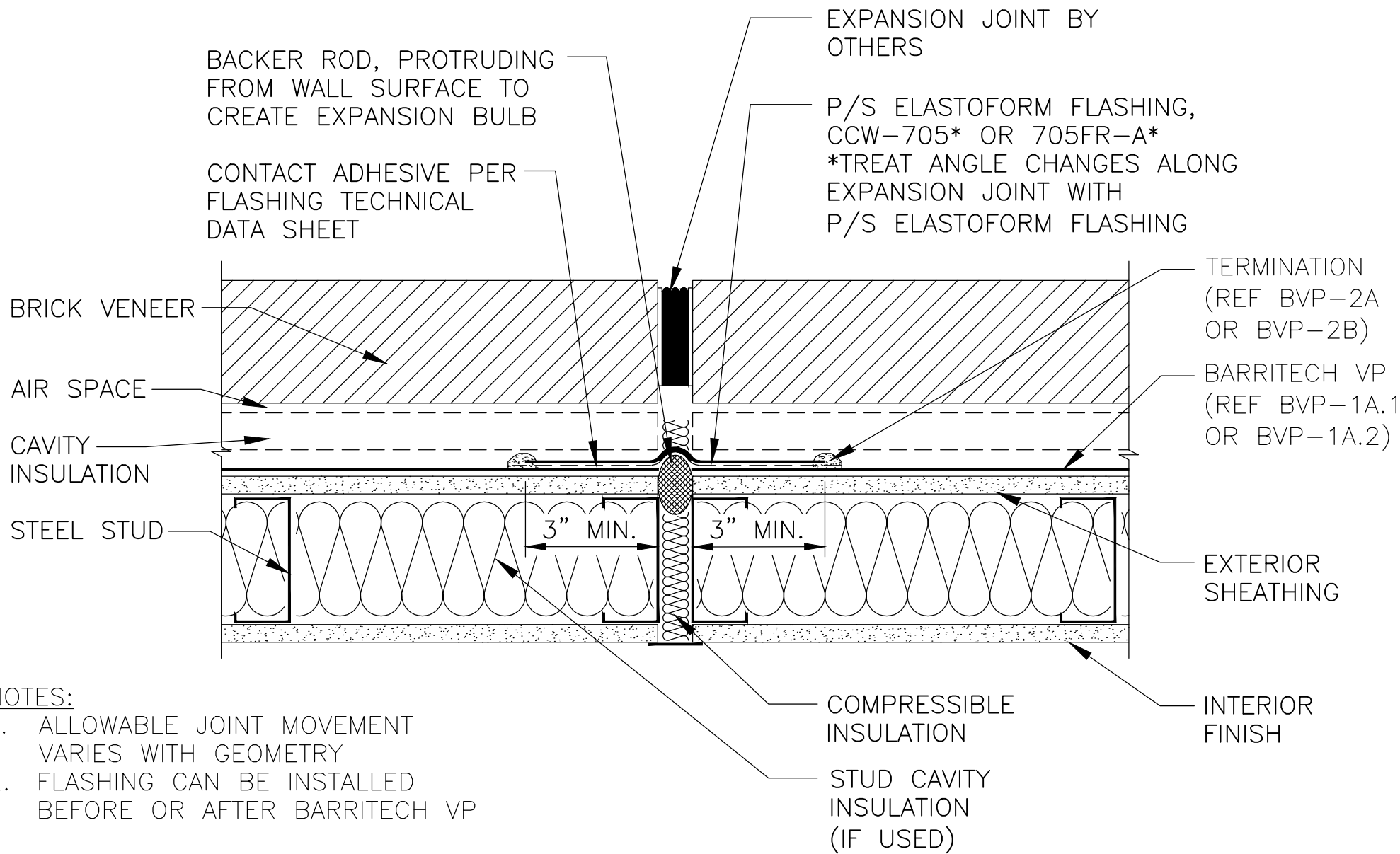
# BARRITECH VP SPRAY APPLICATION



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BVP-2C

BARRITECH VP EMBEDDED  
REINFORCEMENT TERMINATION



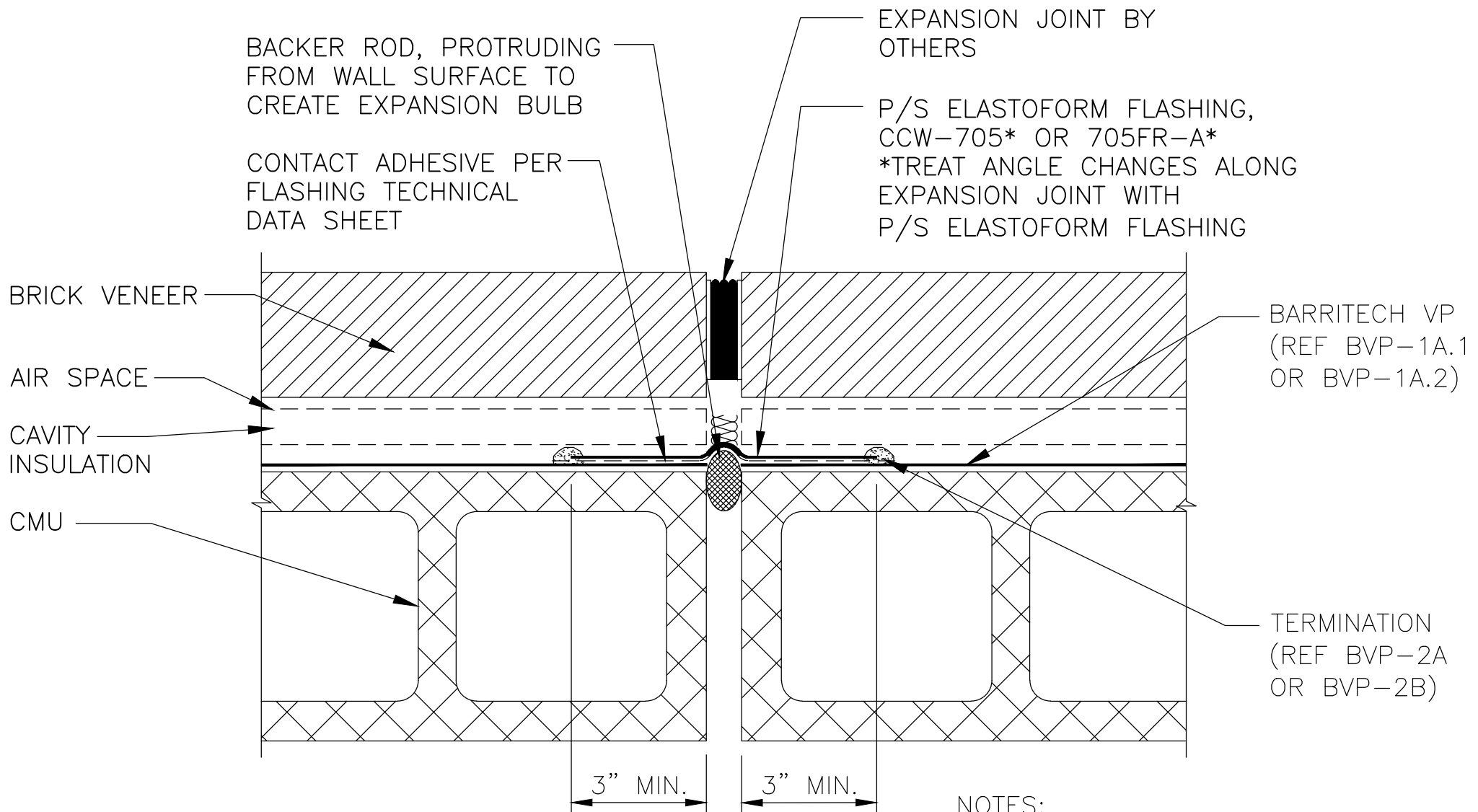
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-3A

# EXTERIOR SHEATHING VERTICAL EXPANSION JOINT



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**NOTES:**

1. ALLOWABLE JOINT MOVEMENT VARIES WITH GEOMETRY
2. FLASHING CAN BE INSTALLED BEFORE OR AFTER BARRITECH VP

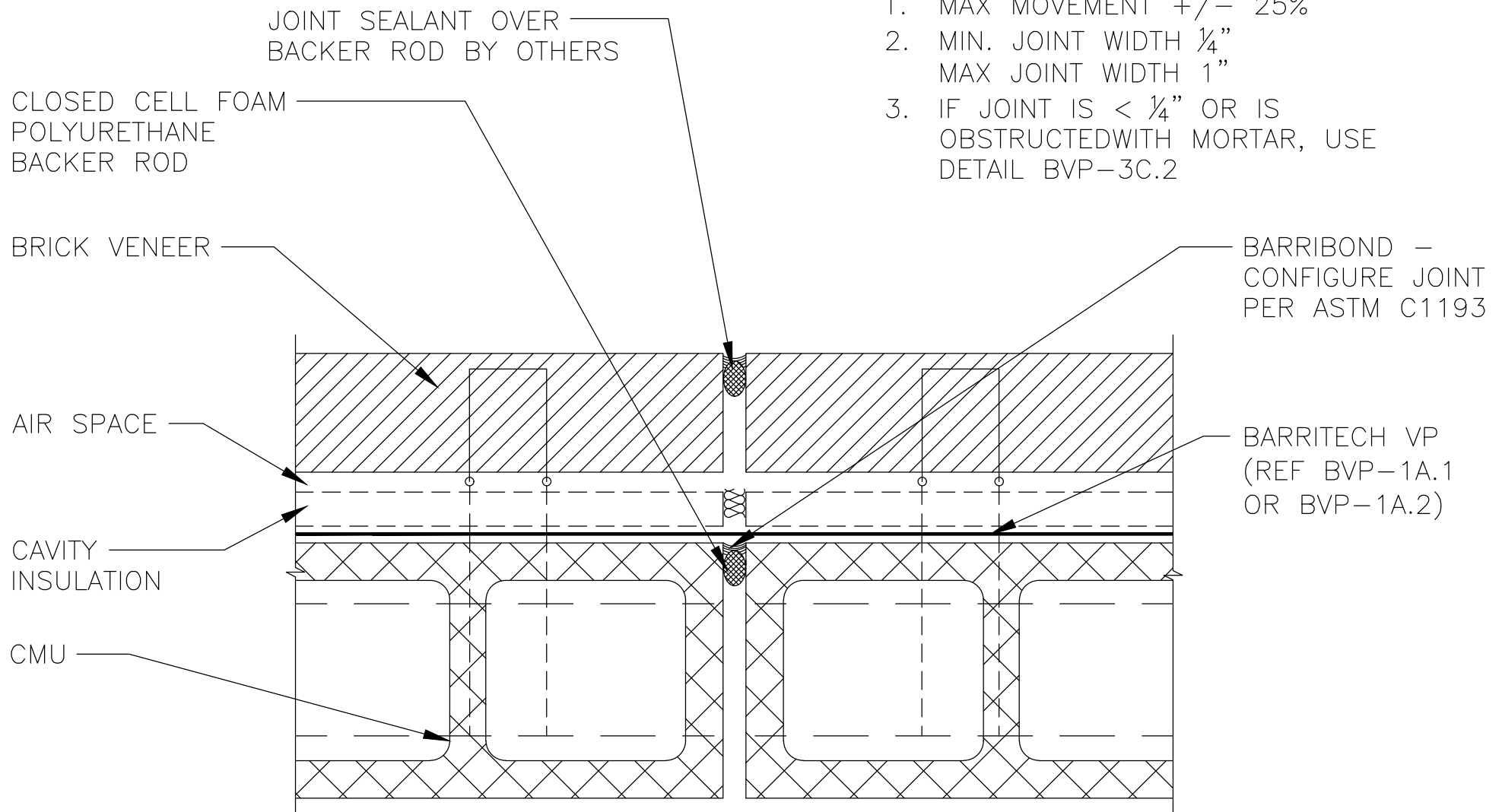
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-3B

BARRITECH VP  
CMU EXPANSION JOINT

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#### NOTES:

1. MAX MOVEMENT  $\pm 25\%$
2. MIN. JOINT WIDTH  $\frac{1}{4}$ "  
MAX JOINT WIDTH 1"
3. IF JOINT IS  $< \frac{1}{4}$ " OR IS OBSTRUCTED WITH MORTAR, USE DETAIL BVP-3C.2

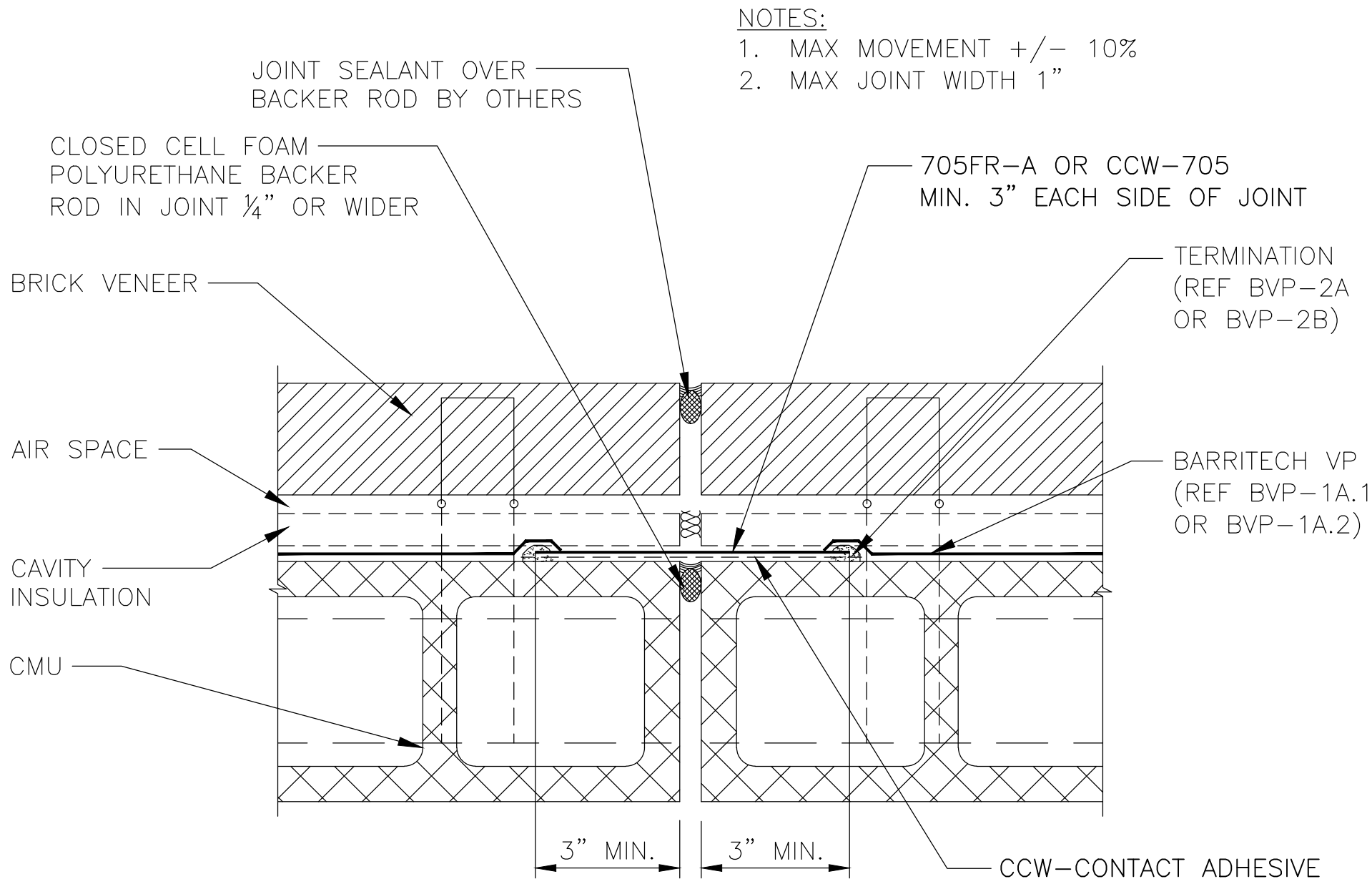
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-3C.1

BARRITECH VP CMU  
CONTROL JOINT — SEALANT

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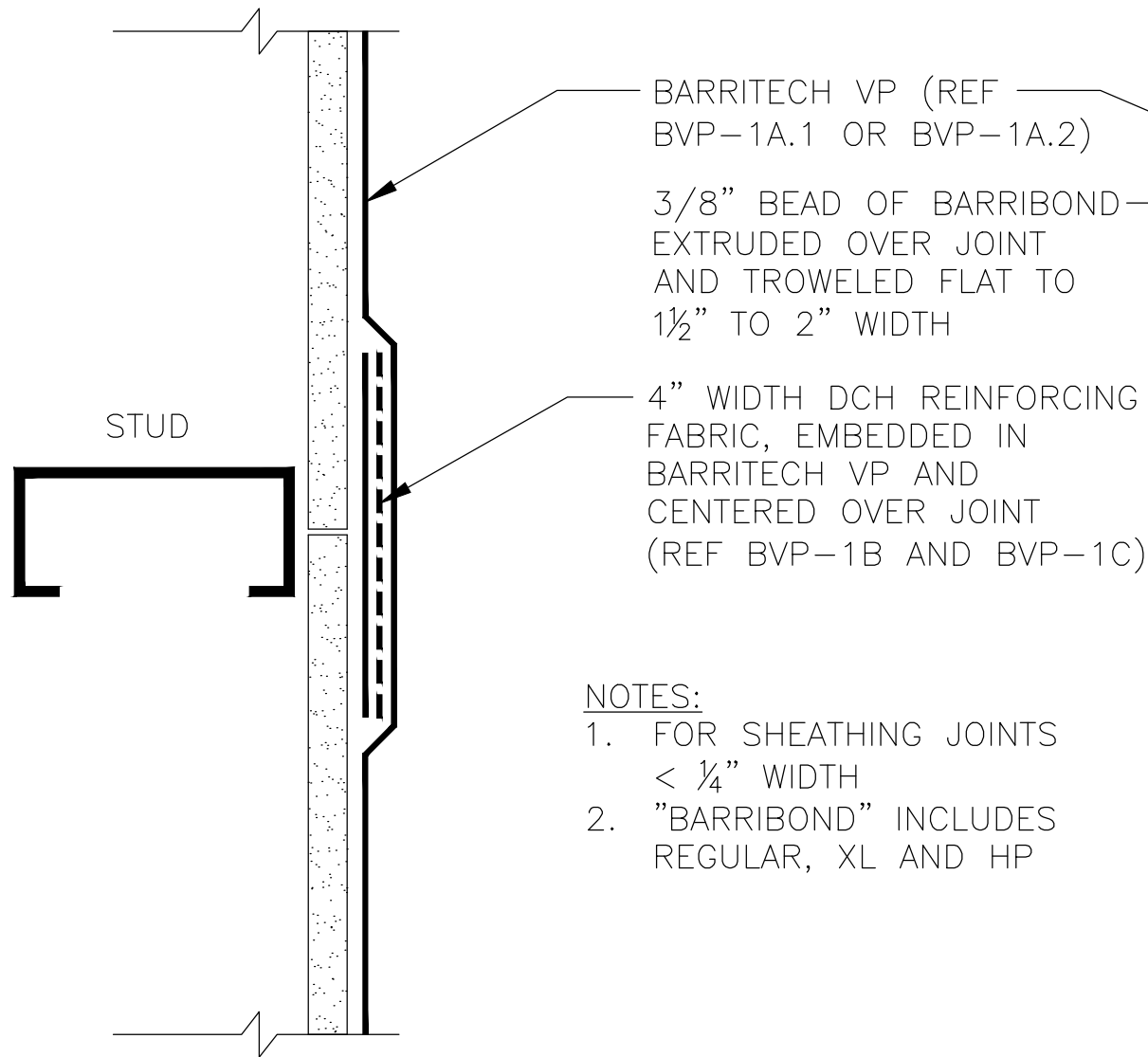
BVP-3C.2

BARRITECH VP CMU  
CONTROL JOINT — FLASHING

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# OPTION #1 DCH REINFORCING FABRIC



BARRITECH VP (REF  
BVP-1A.1 OR BVP-1A.2)

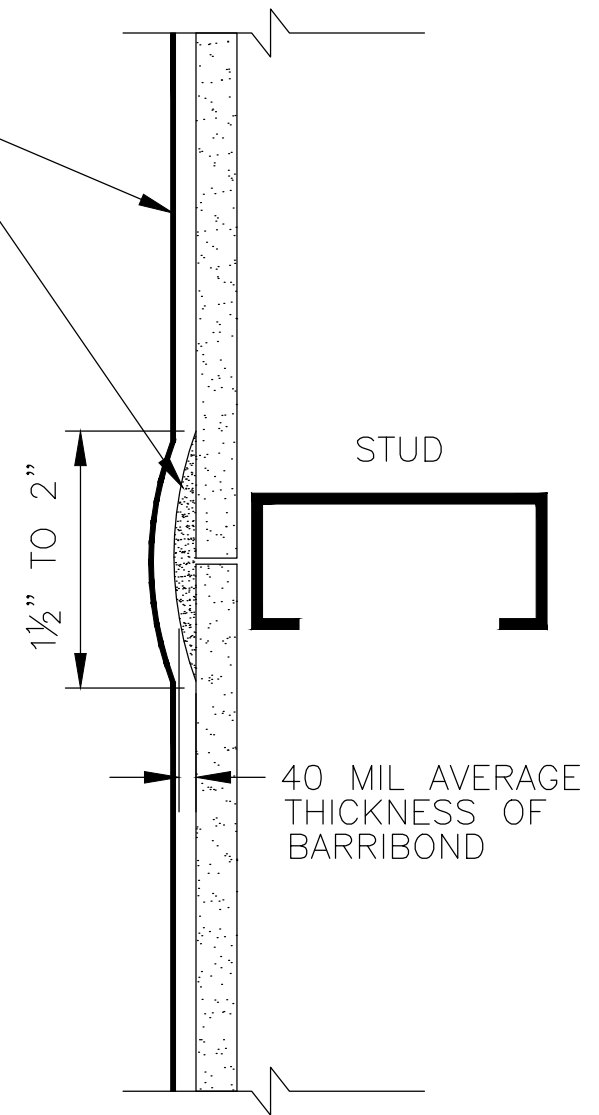
3/8" BEAD OF BARRIBOND  
EXTRUDED OVER JOINT  
AND TROWELED FLAT TO  
1 1/2" TO 2" WIDTH

4" WIDTH DCH REINFORCING  
FABRIC, EMBEDDED IN  
BARRITECH VP AND  
CENTERED OVER JOINT  
(REF BVP-1B AND BVP-1C)

## NOTES:

1. FOR SHEATHING JOINTS  
< 1/4" WIDTH
2. "BARRIBOND" INCLUDES  
REGULAR, XL AND HP

# OPTION #2 BARRIBOND



1 1/2" TO 2"

40 MIL AVERAGE  
THICKNESS OF  
BARRIBOND

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.

BVP-4A.1

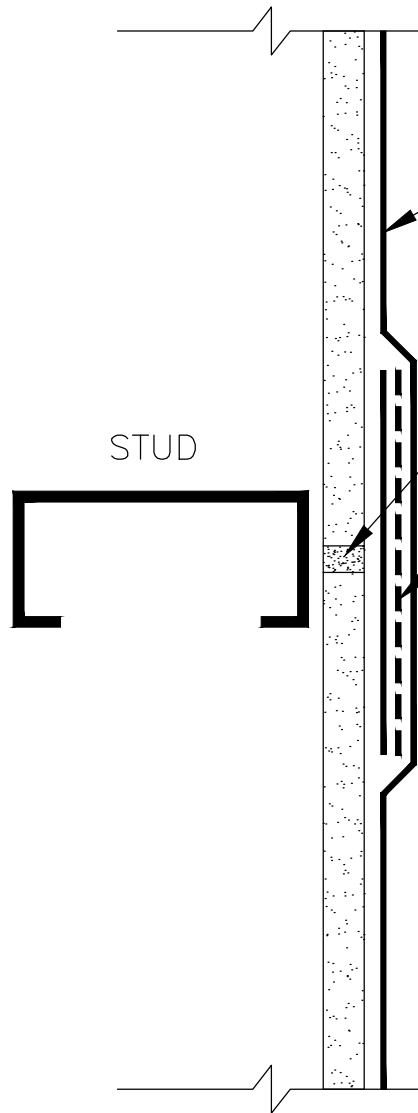
BARRITECH VP  
SHEATHING JOINTS - TIGHT

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# OPTION #1 DCH FABRIC OR LIQUIFIBER



BARRITECH VP (REF  
BVP-1A.1 OR BVP-1A.2)

FILL GAP WITH BARRIBOND  
OR BACKER ROD

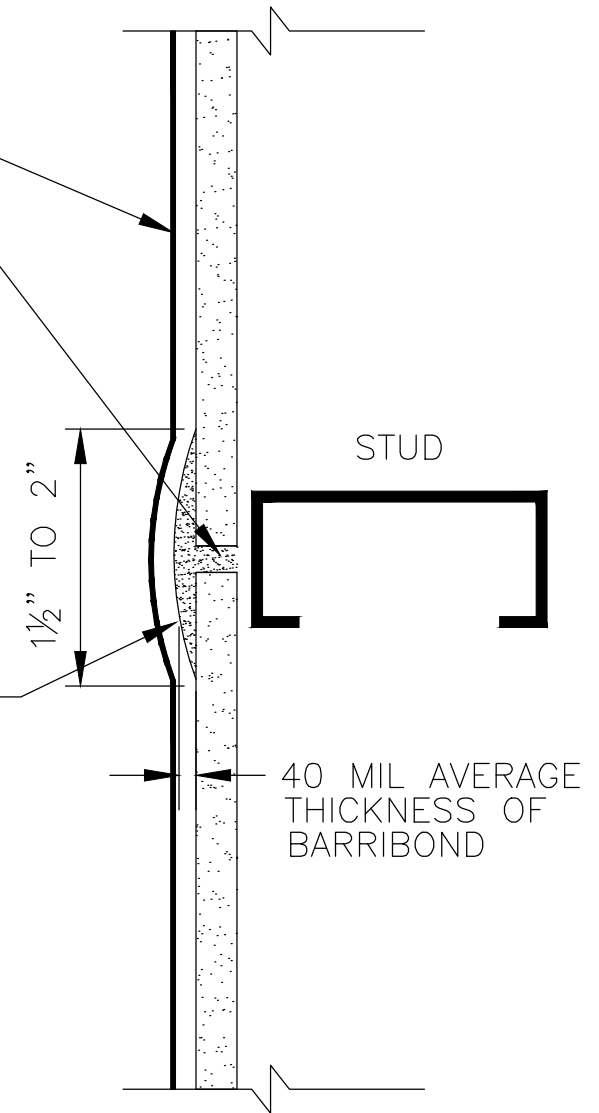
4" WIDTH DCH REINFORCING  
FABRIC OR 6" WIDTH OF  
LIQUIFIBER, EMBEDDED IN  
BARRITECH VP AND  
CENTERED OVER JOINT  
(REF BVP-1B AND BVP-1C)

3/8" BEAD OF BARRIBOND  
EXTRUDED OVER JOINT  
AND TROWELED FLAT TO  
1 1/2" TO 2" WIDTH

## NOTES:

1. FOR SHEATHING JOINTS  $> \frac{1}{4}$ "  
WIDTH, UP TO 1" WIDTH
2. "BARRIBOND" INCLUDES  
REGULAR, XL AND HP

# OPTION #2 BARRIBOND



40 MIL AVERAGE  
THICKNESS OF  
BARRIBOND

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.

BVP-4A.2

BARRITECH VP  
SHEATHING JOINTS — BIG

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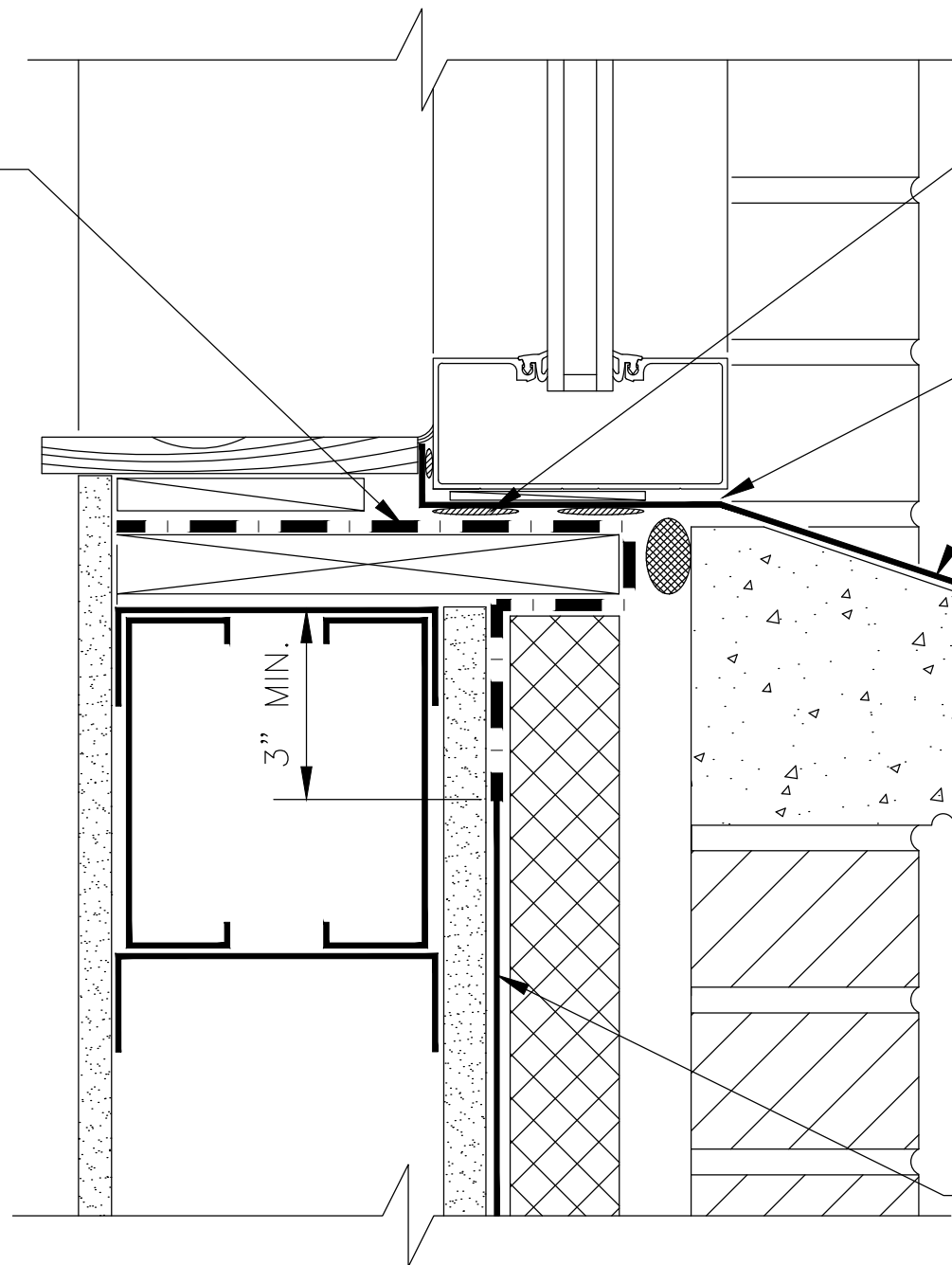
DOTTED LINE SHOWS  
DETAILING FOR ROUGH  
OPENING. USE ANY OF  
THESE OPTIONS:

OPTION #1: 705 FR-A/  
CCW-705, REF.  
BVP-2A, BVP-2B,  
BVP-5F

OPTION #2: EMBEDDED  
REINFORCEMENT/ PEEL  
& STICK COMBO, REF.  
BVP-1B, BVP-1C,  
BVP-5F

OPTION #3: BARRIBOND  
TROWEL-ON LIQUID  
FLASHING, REF.  
BVP-1D, BVP-5D

OPTION #4: BARRITHANE  
VP ROLL-ON OR  
BRUSH-ON LIQUID  
FLASHING, REF.  
BVP-1D, BVP-5E



BARRIBOND, 705-1,  
FRA-1 APPROVED  
SEALANT (REF 705-0A,  
705FRA-0A)

ARCHITECTURAL SEALANT  
DO NOT BLOCK WEEPS

SILL PAN FLASHING  
(OPTIONAL)

#### NOTES:

1. PREPARE ALL SURFACES  
ACCEPTING CCW-705  
AND 705FR-A WITH  
CCW CONTACT ADHESIVE
2. "BARRIBOND" INCLUDES  
REGULAR, XL AND HP

BARRITECH VP (REF  
BVP-1A.1 OR BVP-1A.2)

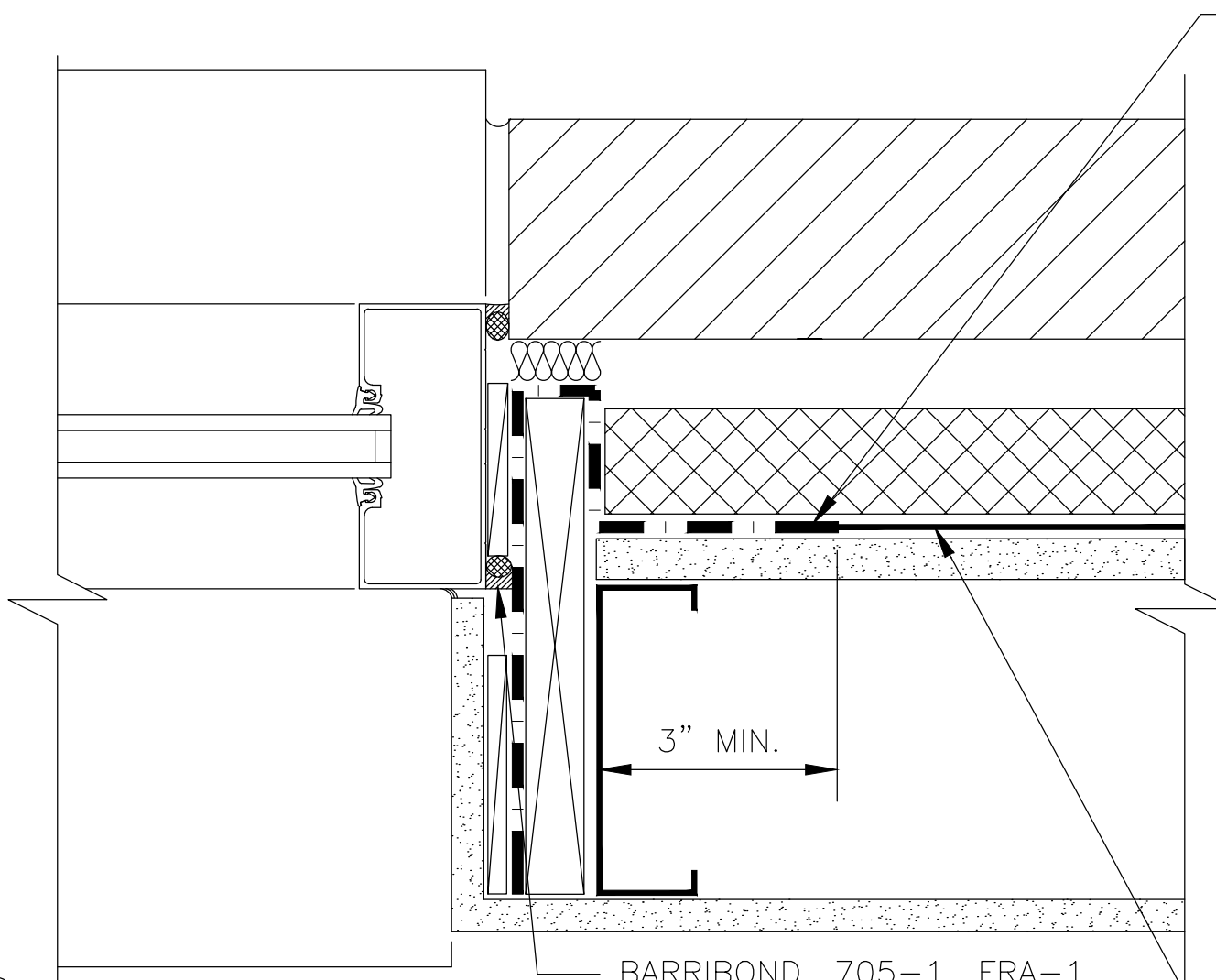
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-5B.1

BARRITECH VP  
PUNCHED WINDOW — SILL

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DOTTED LINE SHOWS  
DETAILING FOR ROUGH  
OPENING. USE ANY OF  
THESE OPTIONS:

OPTION #1: 705 FR-A/  
CCW-705, REF.  
BVP-2A, BVP-2B,  
BVP-5F

OPTION #2: EMBEDDED  
REINFORCEMENT/ PEEL  
& STICK COMBO, REF.  
BVP-1B, BVP-1C,  
BVP-5F

OPTION #3: BARRIBOND  
TROWEL-ON LIQUID  
FLASHING, REF.  
BVP-1D, BVP-5D

OPTION #4: BARRITHANE  
VP ROLL-ON OR  
BRUSH-ON LIQUID  
FLASHING, REF.  
BVP-1D, BVP-5E

BARRITECH VP (REF  
BVP-1A.1 OR BVP-1A.2)

NOTES:

1. PREPARE ALL SURFACES ACCEPTING  
CCW-705 AND 705FR-A WITH CCW  
CONTACT ADHESIVE
2. "BARRIBOND" INCLUDES REGULAR,  
XL AND HP

BARRIBOND, 705-1, FRA-1  
APPROVED SEALANT (REF  
705-0A, 705FRA-0A) OR BT-2  
OR BT-3 APPROVED  
SEALANT (REF BVP-0A)  
OVER CURED BARRITECH VP

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.

BVP-5B.2

BARRITECH VP  
PUNCHED WINDOW — JAMB

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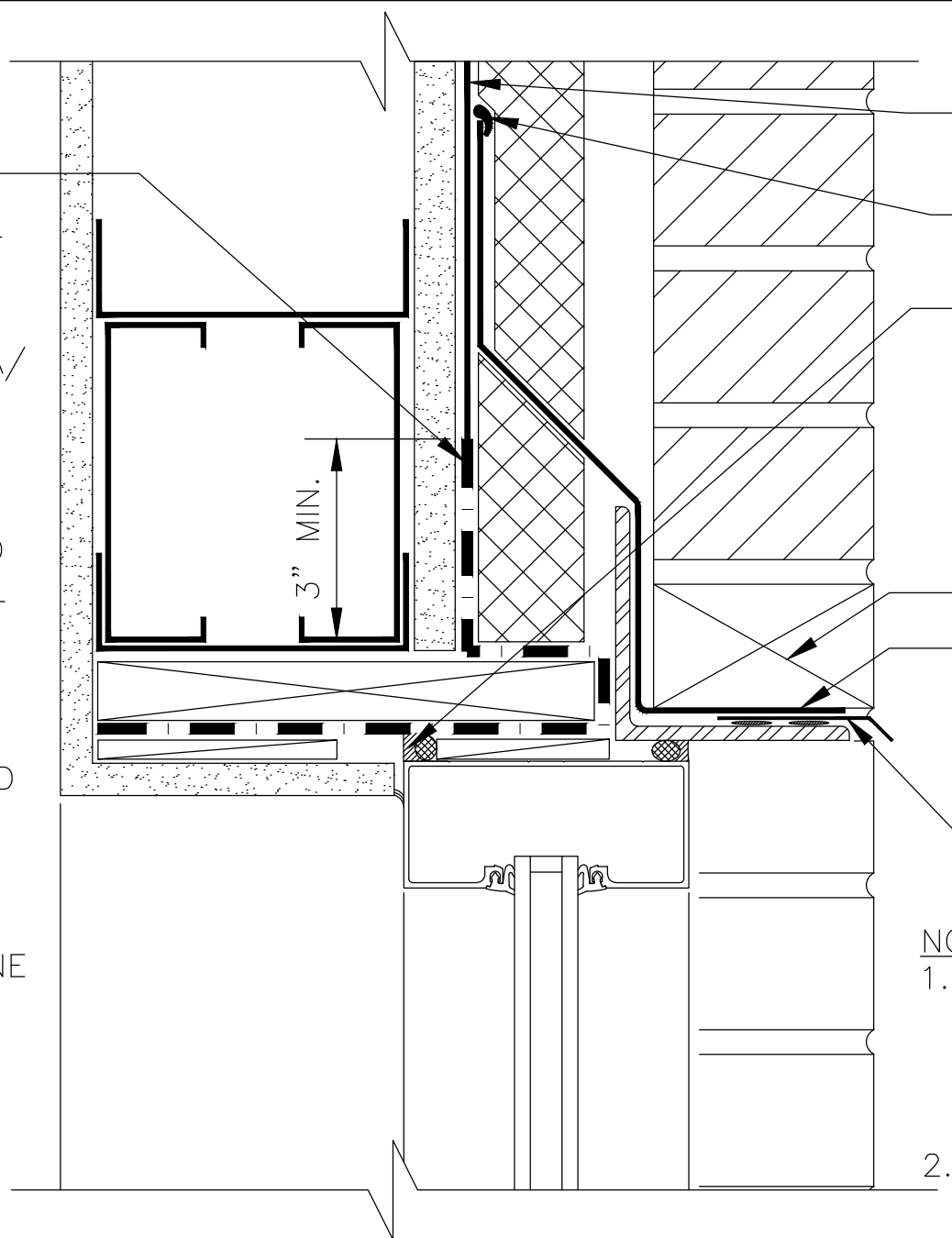
DOTTED LINE SHOWS  
DETAILING FOR ROUGH  
OPENING. USE ANY OF  
THESE OPTIONS:

OPTION #1: 705 FR-A/  
CCW-705, REF.  
BVP-2A, BVP-2B,  
BVP-5F

OPTION #2: EMBEDDED  
REINFORCEMENT/ PEEL  
& STICK COMBO, REF.  
BVP-1B, BVP-1C,  
BVP-5F

OPTION #3: BARRIBOND  
TROWEL-ON LIQUID  
FLASHING, REF.  
BVP-1D, BVP-5D

OPTION #4: BARRITHANE  
VP ROLL-ON OR  
BRUSH-ON LIQUID  
FLASHING, REF.  
BVP-1D, BVP-5E



BARRITECH VP (REF  
BVP-1A.1 OR BVP-1A.2)

TERMINATION (REF  
BVP-2A OR BVP-2B)

BARRIBOND, 705-1,  
FRA-1 APPROVED SEALANT  
(REF 705-0A, 705FRA-0A)  
OR BT-2 OR BT-3  
APPROVED SEALANT  
(REF BVP-0A) OVER  
CURED BARRITECH VP

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
2. "BARRIBOND" INCLUDES  
REGULAR, XL AND HP

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.

BVP-5B.3

BARRITECH VP  
PUNCHED WINDOW — HEAD

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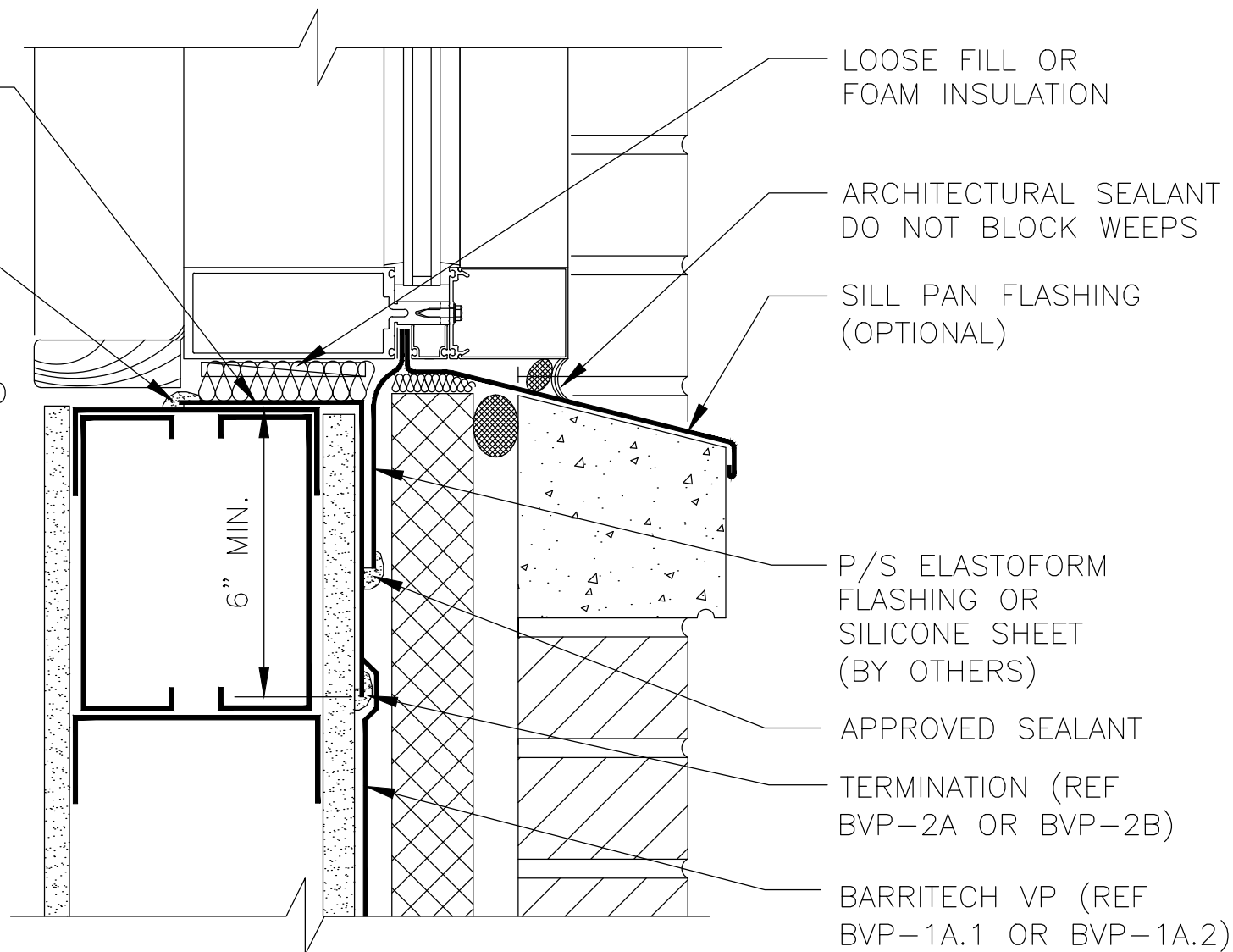
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CCW-705 OR 705FR-A  
(REF BVP-2A, BVP-2B,  
BVP-5G)

APPROVED SEALANT

NOTES:

1. PREPARE ALL SURFACES  
ACCEPTING CCW-705 AND  
705FR-A WITH CCW  
CONTACT ADHESIVE
2. PREPARE SURFACES  
ACCEPTING P/S  
ELASTORM FLASHING WITH  
CARLISLE EPDM PRIMER
3. P/S ELASTOFORM  
FLASHING SHALL HAVE  
MINIMUM 3 INCH FIRM  
BEARING ONTO WALL  
SURFACE
4. INSTALL P/S  
ELASTOFORM FLASHING  
OR SILICONE SHEET  
OVER SURFACE OF  
705FR-A OR CCW-705



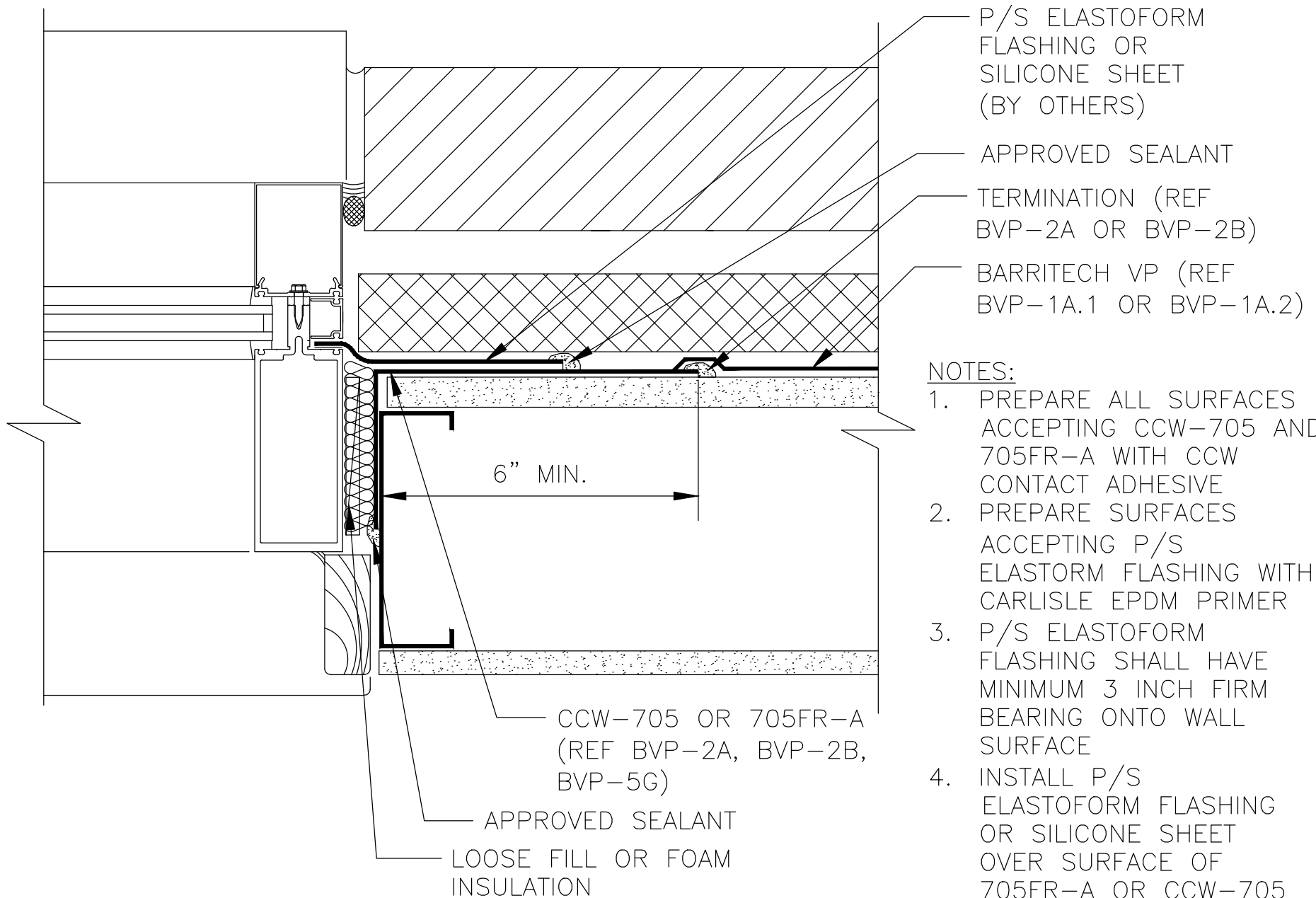
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-5C.1

BARRITECH VP  
CURTAIN WALL — SILL

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BVP-5C.2

BARRITECH VP  
CURTAIN WALL-JAMB

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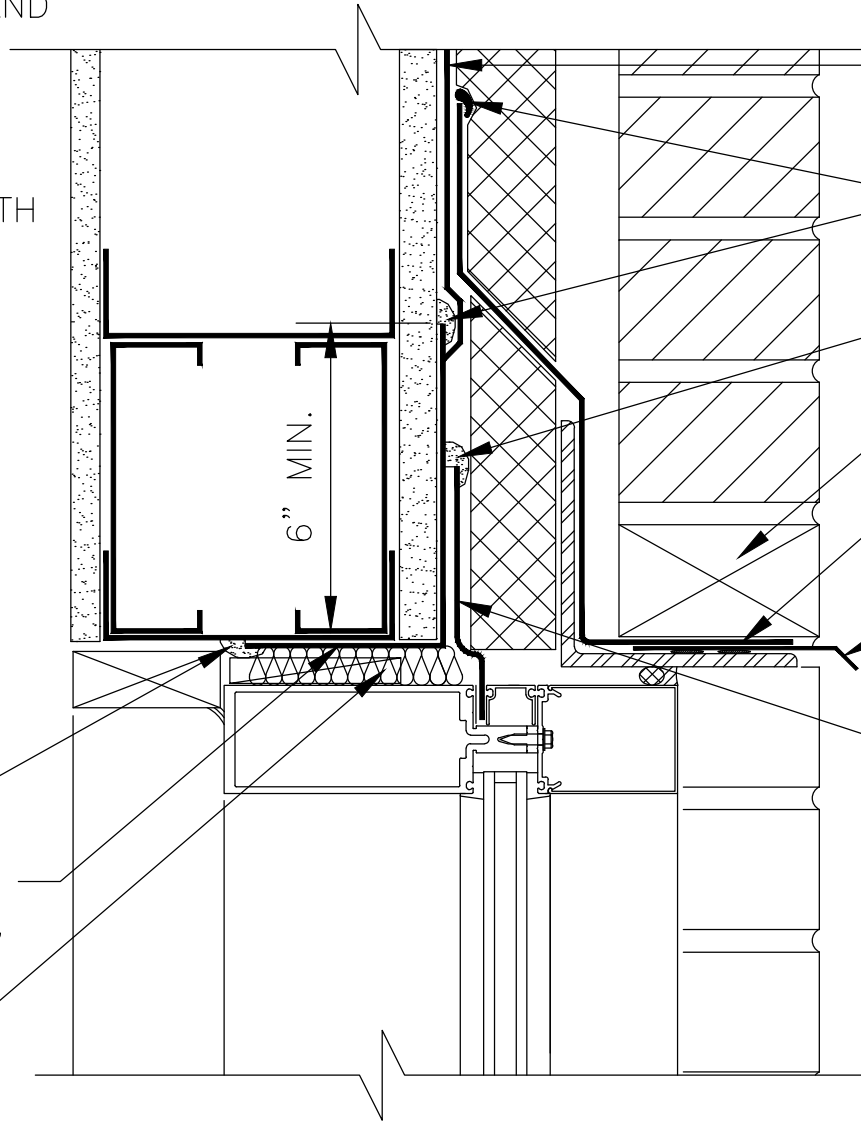
NOTES:

1. PREPARE ALL SURFACES ACCEPTING CCW-705 AND 705FR-A WITH CCW CONTACT ADHESIVE
2. PREPARE SURFACES ACCEPTING P/S ELASTORM FLASHING WITH CARLISLE EPDM PRIMER
3. P/S ELASTOFORM FLASHING SHALL HAVE MINIMUM 3 INCH FIRM BEARING ONTO WALL SURFACE
4. INSTALL P/S ELASTOFORM FLASHING OR SILICONE SHEET OVER SURFACE OF 705FR-A OR CCW-705

APPROVED SEALANT

CCW-705 OR 705FR-A  
(REF BVP-2A, BVP-2B,  
BVP-5G)

LOOSE FILL OR  
FOAM INSULATION



BARRITECH VP (REF  
BVP-1A.1 OR BVP-1A.2)

TERMINATION (REF  
BVP-2A OR BVP-2B)

APPROVED SEALANT

WEEPS

CCW-705-TWF (TERMINATE  
 $\frac{1}{2}$ " FROM EXTERIOR)

METAL DRIP EDGE  
EMBEDDED IN SEALANT

P/S ELASTOFORM  
FLASHING OR  
SILICONE SHEET  
(BY OTHERS)

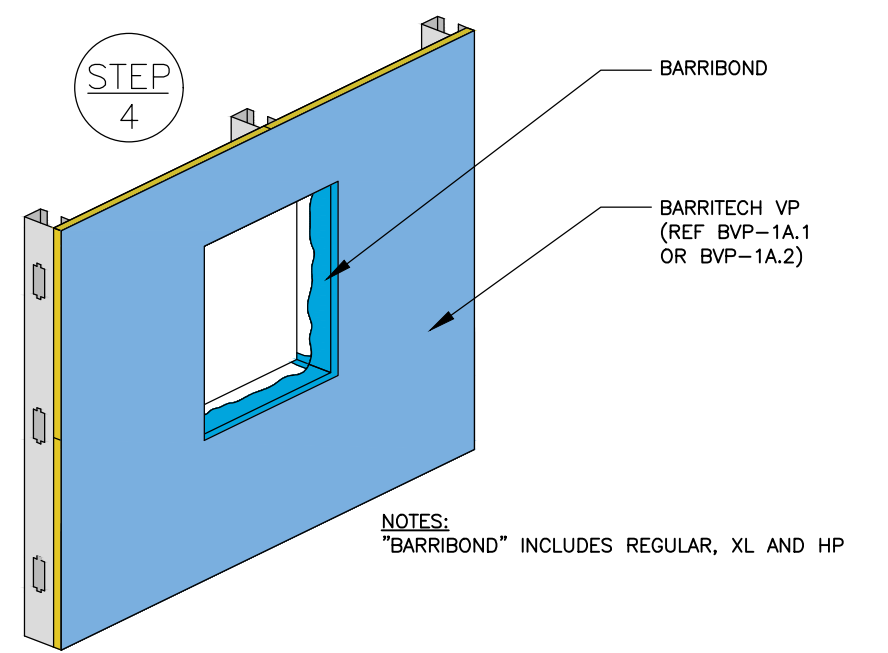
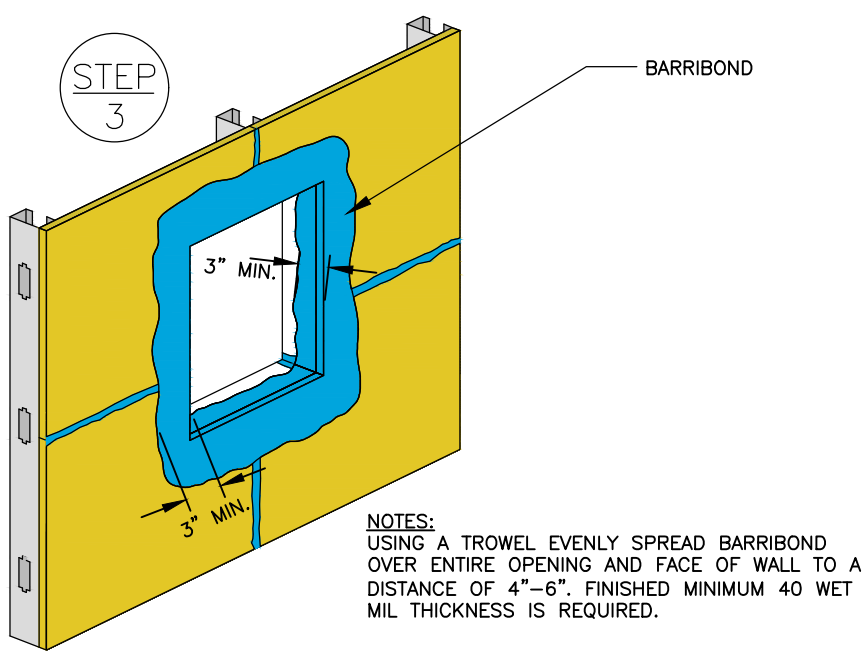
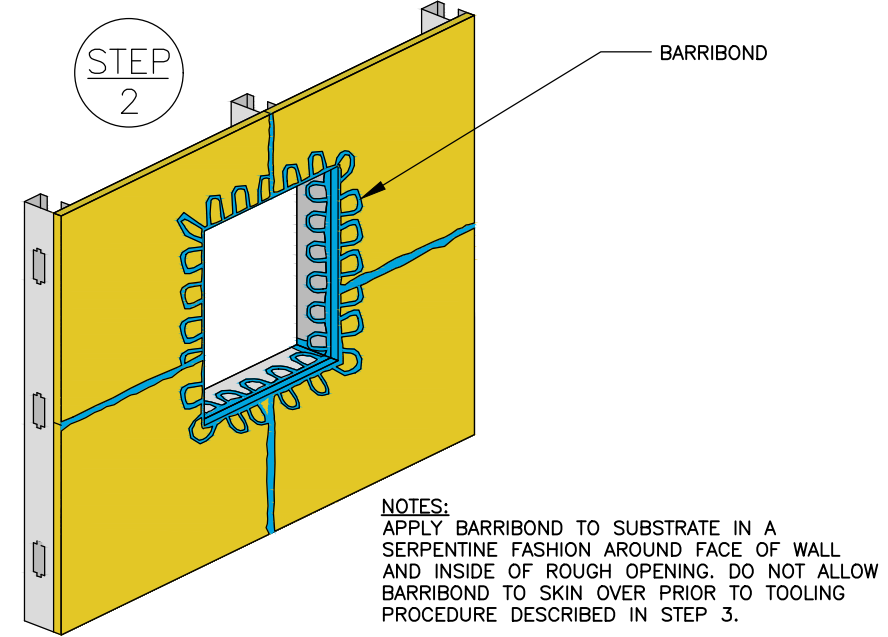
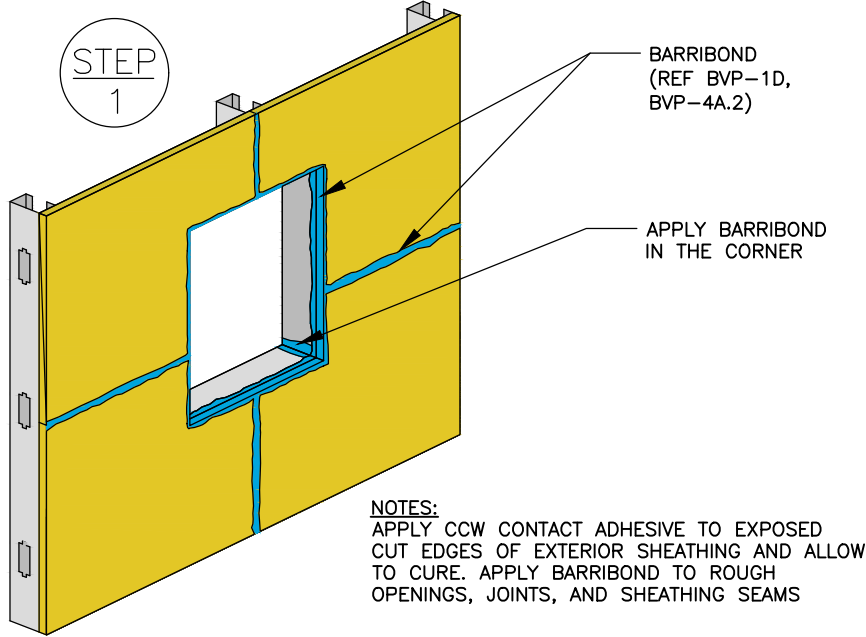
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-5C.3

BARRITECH VP  
CURTAIN WALL — HEAD

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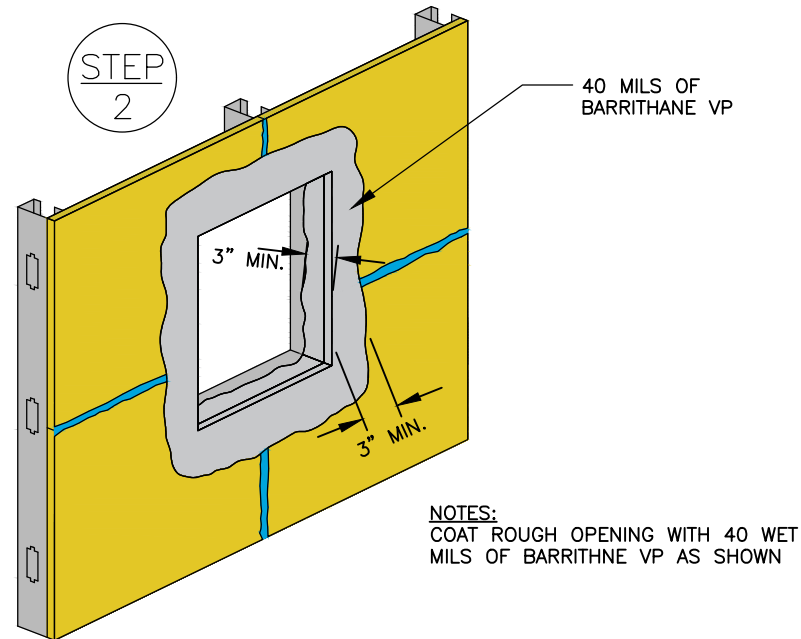
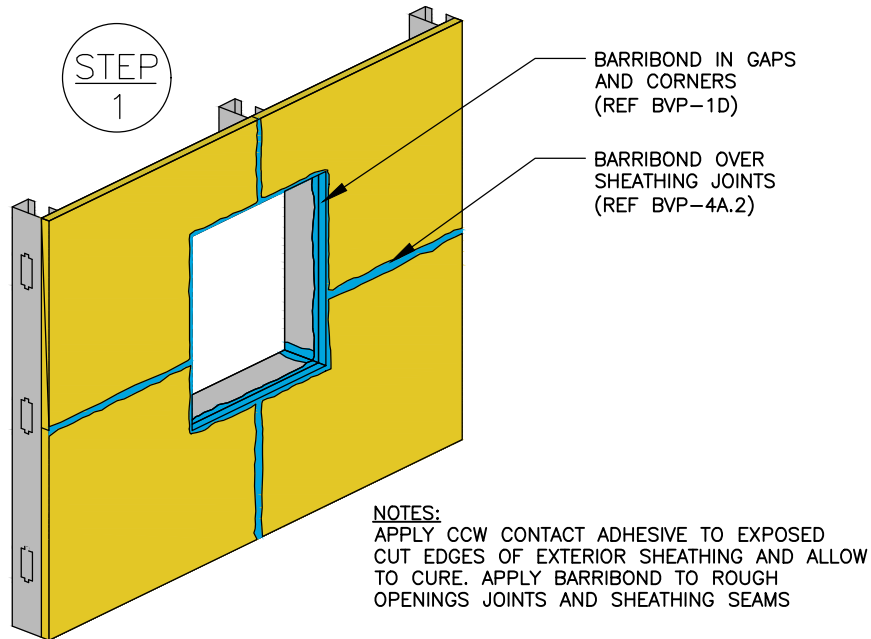
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-5D

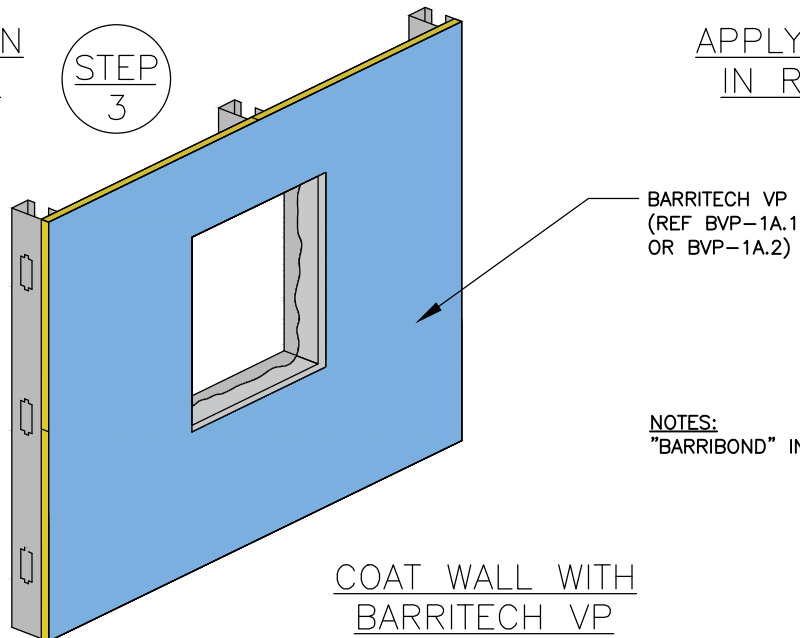
BARRITECH VP/ BARRIBOND AT ROUGH  
OPENING SILL, JAMB AND HEAD



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APPLY BARRIBOND IN CRACKS AND GAPS



APPLY BARRITHANE VP IN ROUGH OPENING

**NOTES:**  
"BARRIBOND" INCLUDES REGULAR, XL AND HP

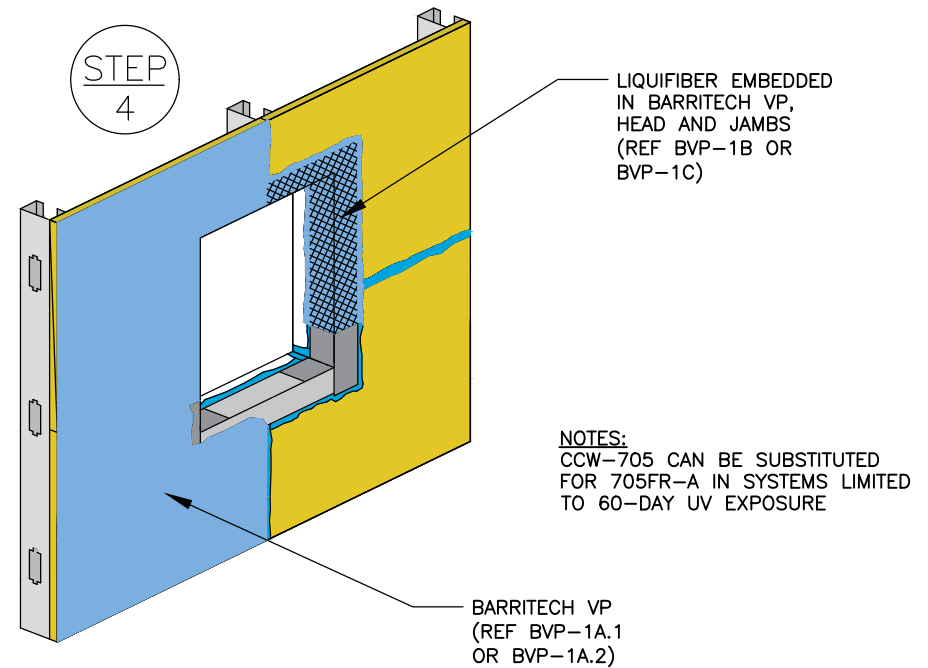
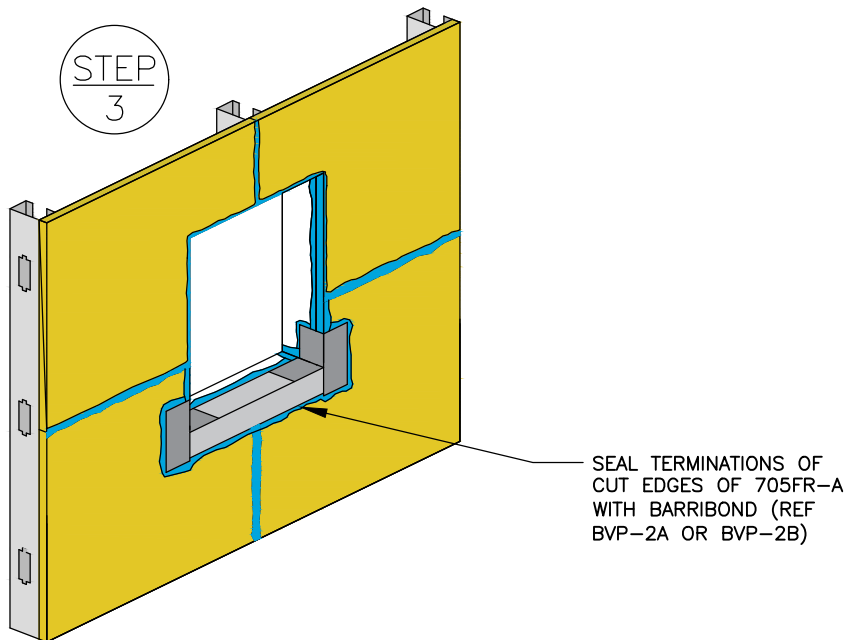
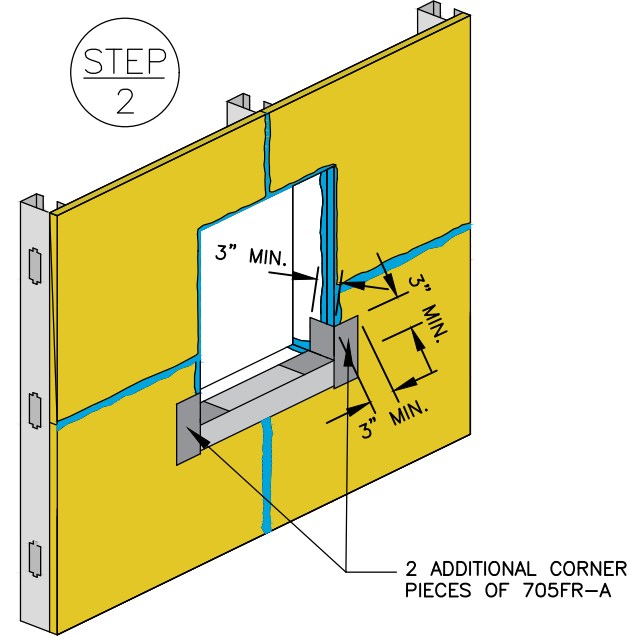
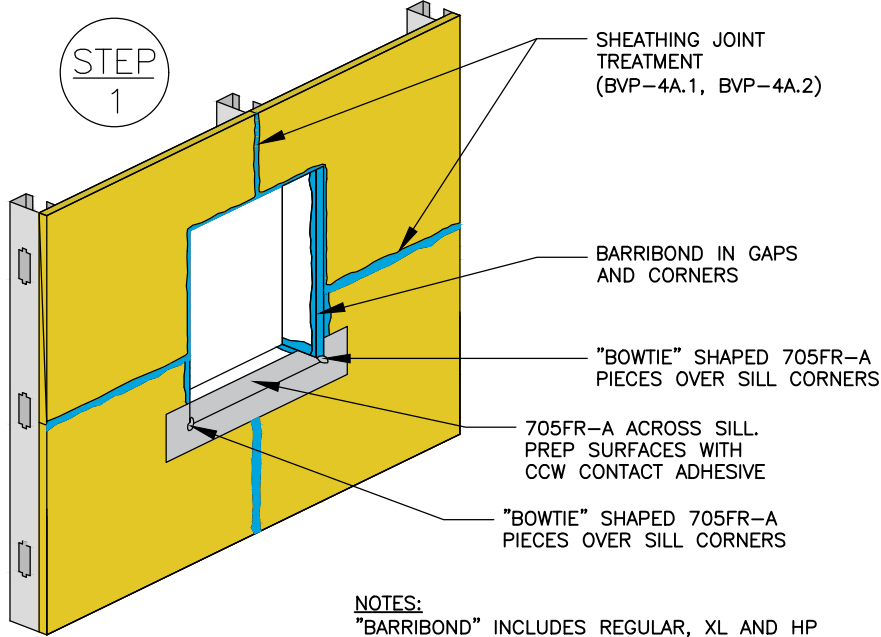
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-5E

BARRITECH VP/BARRITHANE VP  
IN ROUGH OPENING

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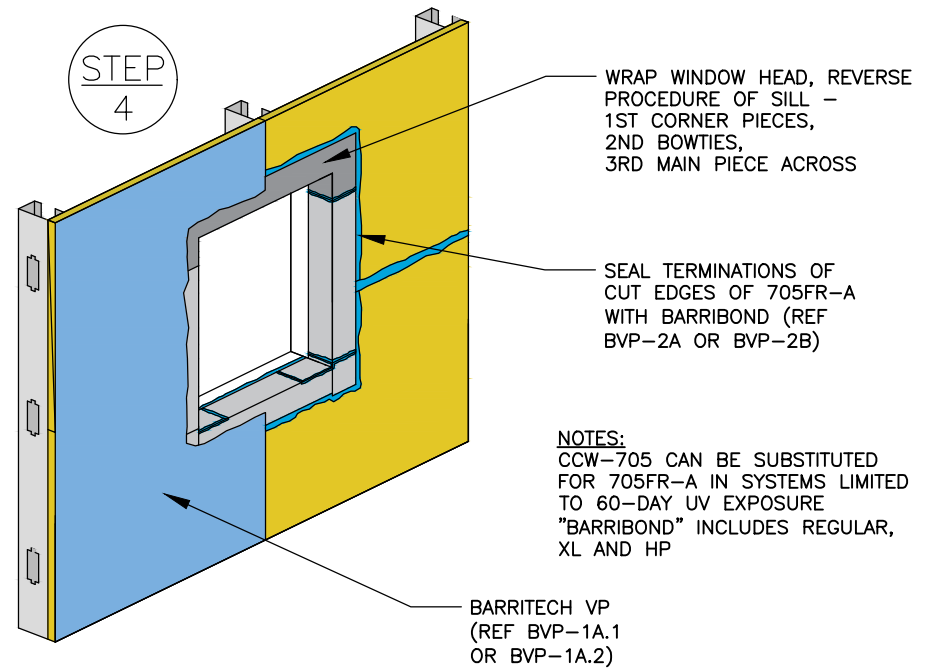
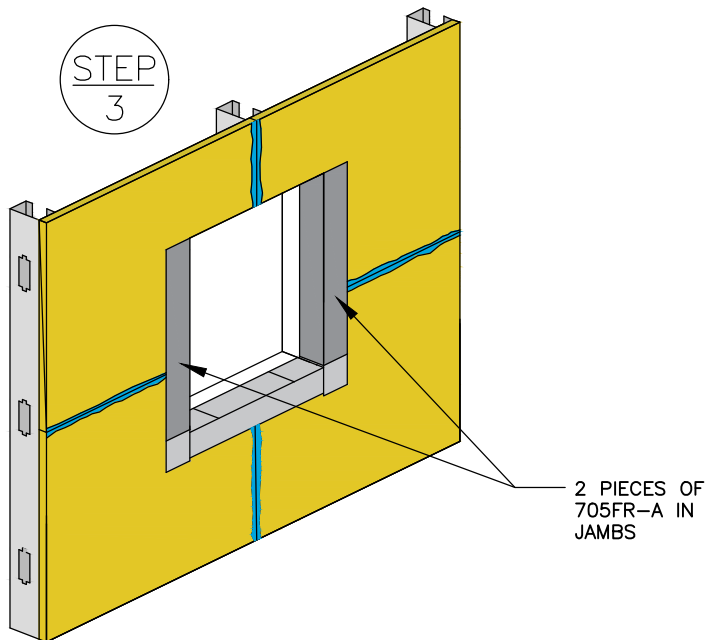
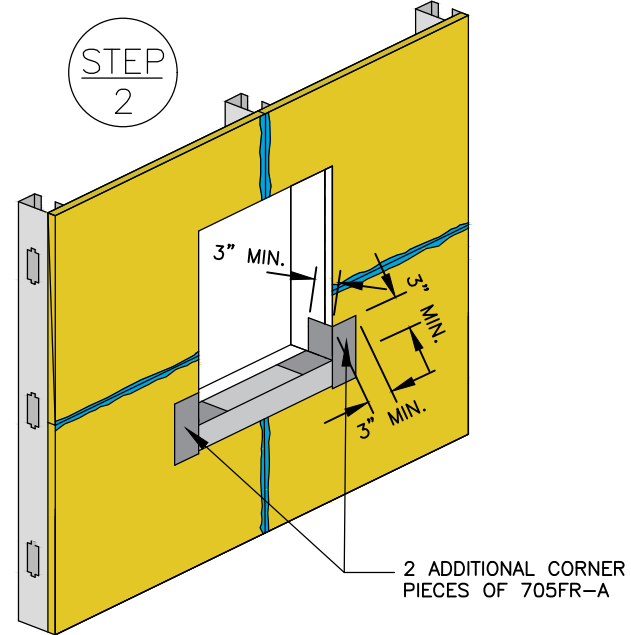
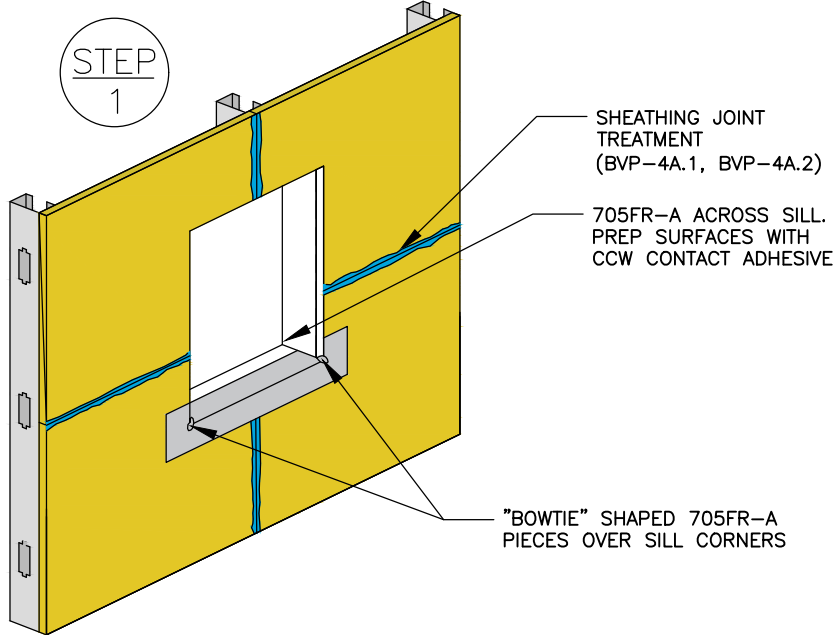
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-5F

BARRITECH VP/ LIQUIFIER AT ROUGH OPENING, JAMB AND HEAD

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REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-5G

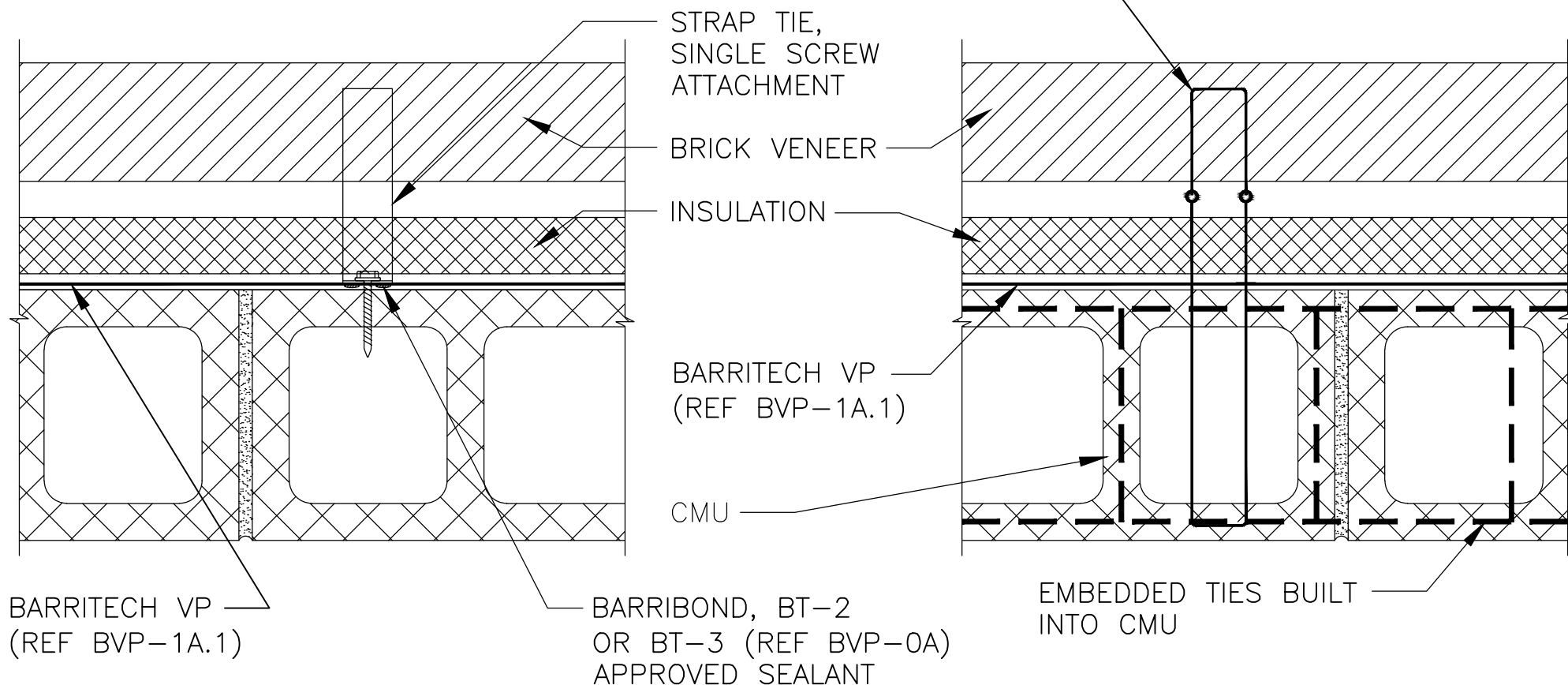
BARRITECH VP ROUGH WRAPPED WITH  
CCW SELF-ADHERED FLASHING

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# NOTES:

1. INSTALL STRAP TIES AFTER BARRITECH 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 BARRITECH VP INSTALLATION
4. SECURE INSULATION WITH BARRIBOND OR AN APPROVED INSULATION ADHESIVE (REF BVP-0A)
5. IF BARRITECH VP IS SPRAYED, TAKE CARE TO GET FULL COVERAGE AROUND LADDER TIES WITHOUT SHADOW EFFECT
6. "BARRIBOND" INCLUDES REGULAR, XL AND HP



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.

BVP-6B

BARRITECH VP  
BRICK TIES — CMU

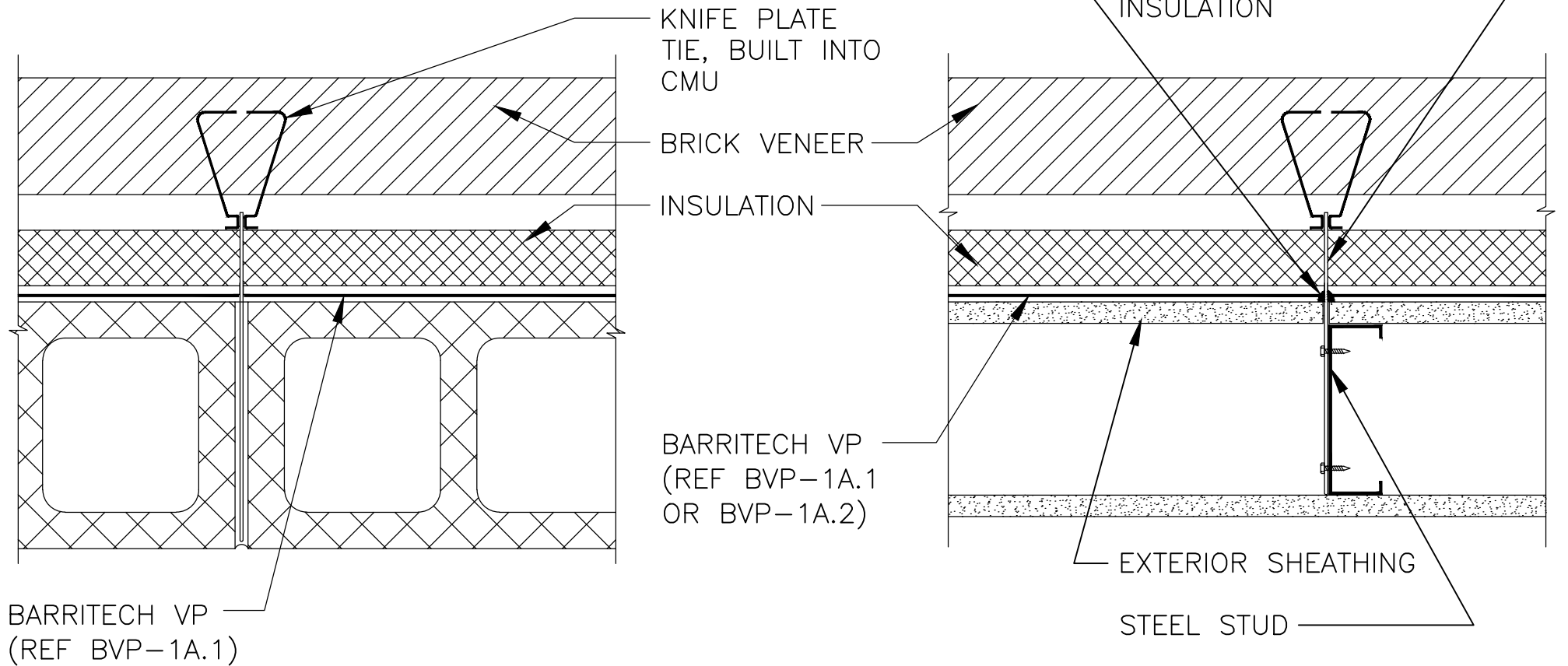
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# NOTES:

1. TIES ARE IN PLACE BEFORE BARRITECH 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 BARRITECH VP INSTALLATION
3. SECURE INSULATION WITH BARRIBOND OR AN APPROVED INSULATION ADHESIVE (REF BVP-0A)
4. "BARRIBOND" INCLUDES REGULAR, XL AND HP



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.

BVP-6C

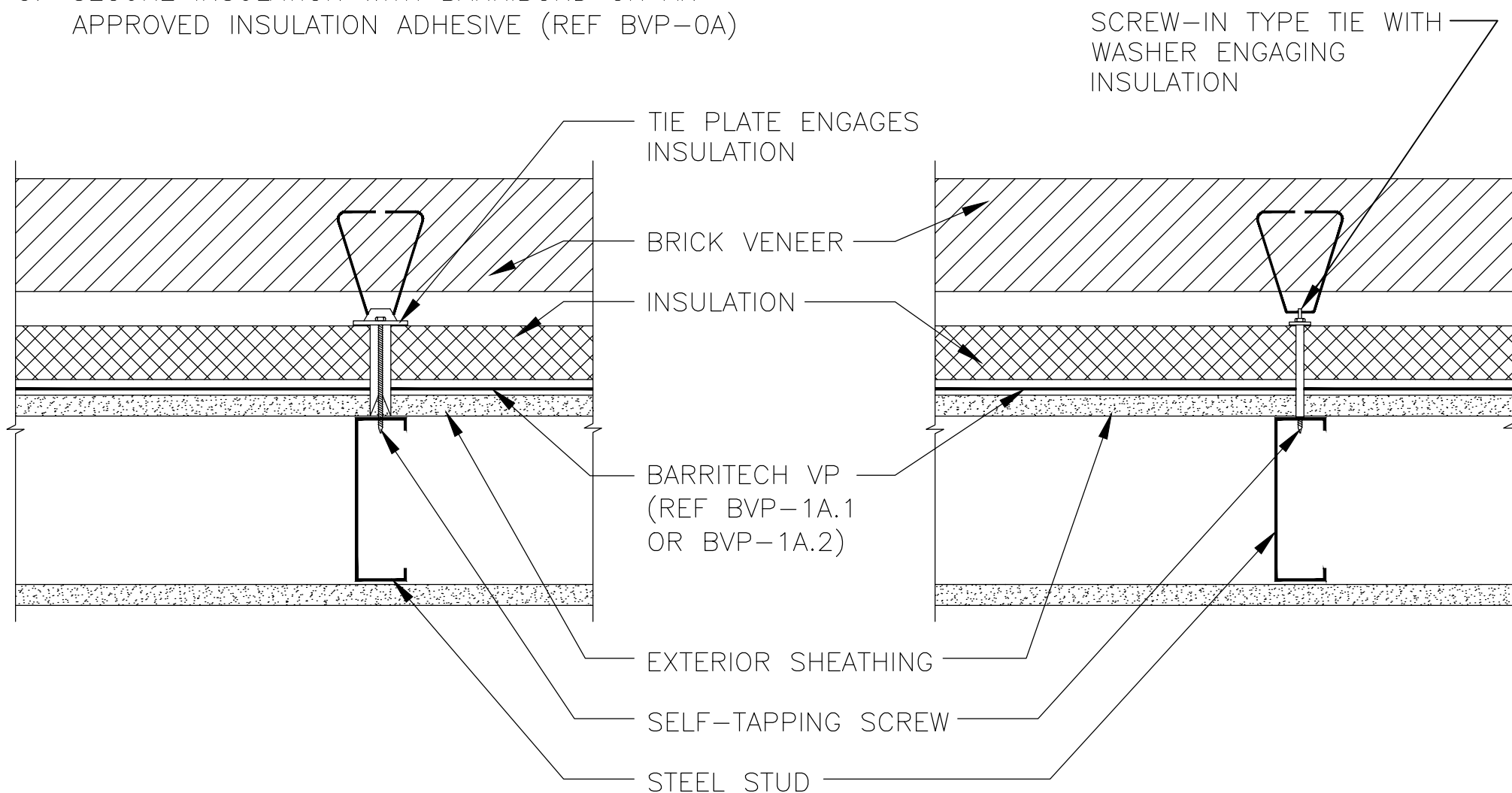
BARRITECH VP KNIFE PLATE  
TYPE TIES CMU AND  
EXTERIOR SHEATHING

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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. SECURE INSULATION WITH BARRIBOND OR AN APPROVED INSULATION ADHESIVE (REF BVP-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.

BVP-6D

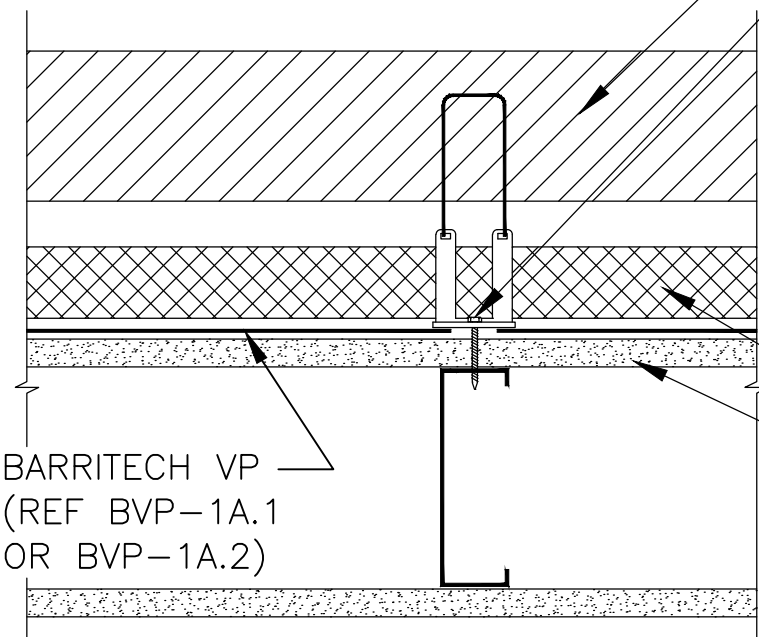
BRICK TIES, ATTACHED TO STUD  
THROUGH INSULATION AND  
EXTERIOR SHEATHING

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# NOTES:

1. INSTALL TIES AFTER BARRITECH VP IS FULLY CURED
2. NON-SPIKED TIE PLATES SEAT FIRMLY IN BARRITECH 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, BT-2 OR BT-3 APPROVED SEALANT
5. SECURE INSULATION WITH BARRIBOND OR AN APPROVED INSULATION ADHESIVE (REF BVP-0A)
4. "BARRIBOND" INCLUDES REGULAR, XL AND HP



BRICK VENEER

SELF-TAPPING,  
HEX HEAD SCREWS  
WITH RUBBER  
WASHERS

EXTERIOR SHEATHING

STEEL STUD

BRICK VENEER

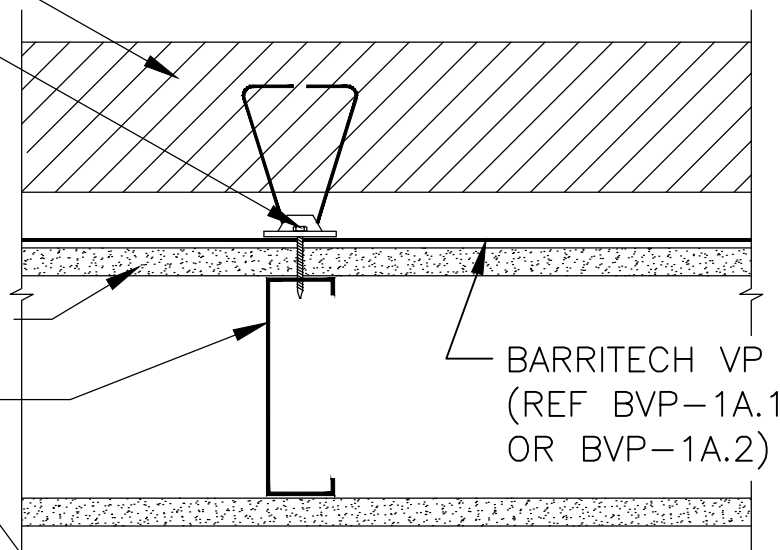
SELF-TAPPING,  
HEX HEAD SCREWS  
WITH RUBBER  
WASHERS

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

INSULATION

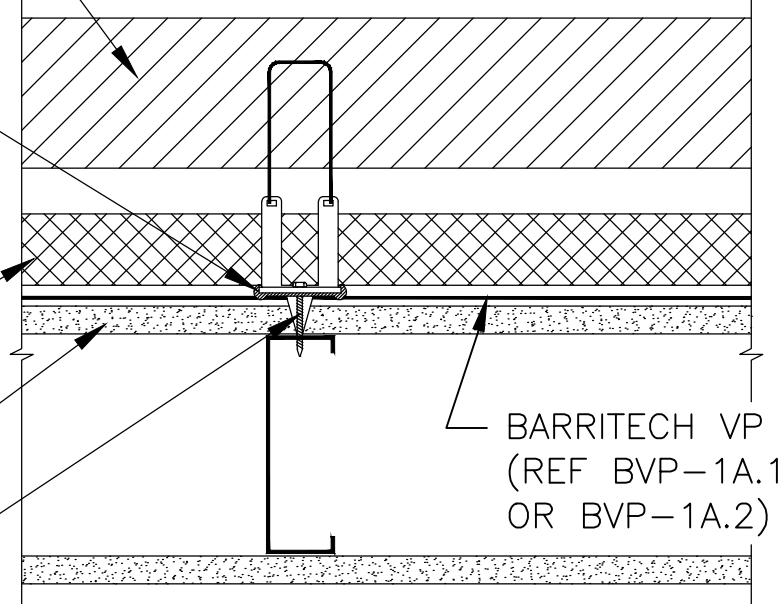
EXTERIOR  
SHEATHING

SPIKE SEAT ON  
STEEL STUD



BARRITECH VP  
(REF BVP-1A.1  
OR BVP-1A.2)

SPIKED TIE PLATE



BARRITECH VP  
(REF BVP-1A.1  
OR BVP-1A.2)

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

BVP-6E

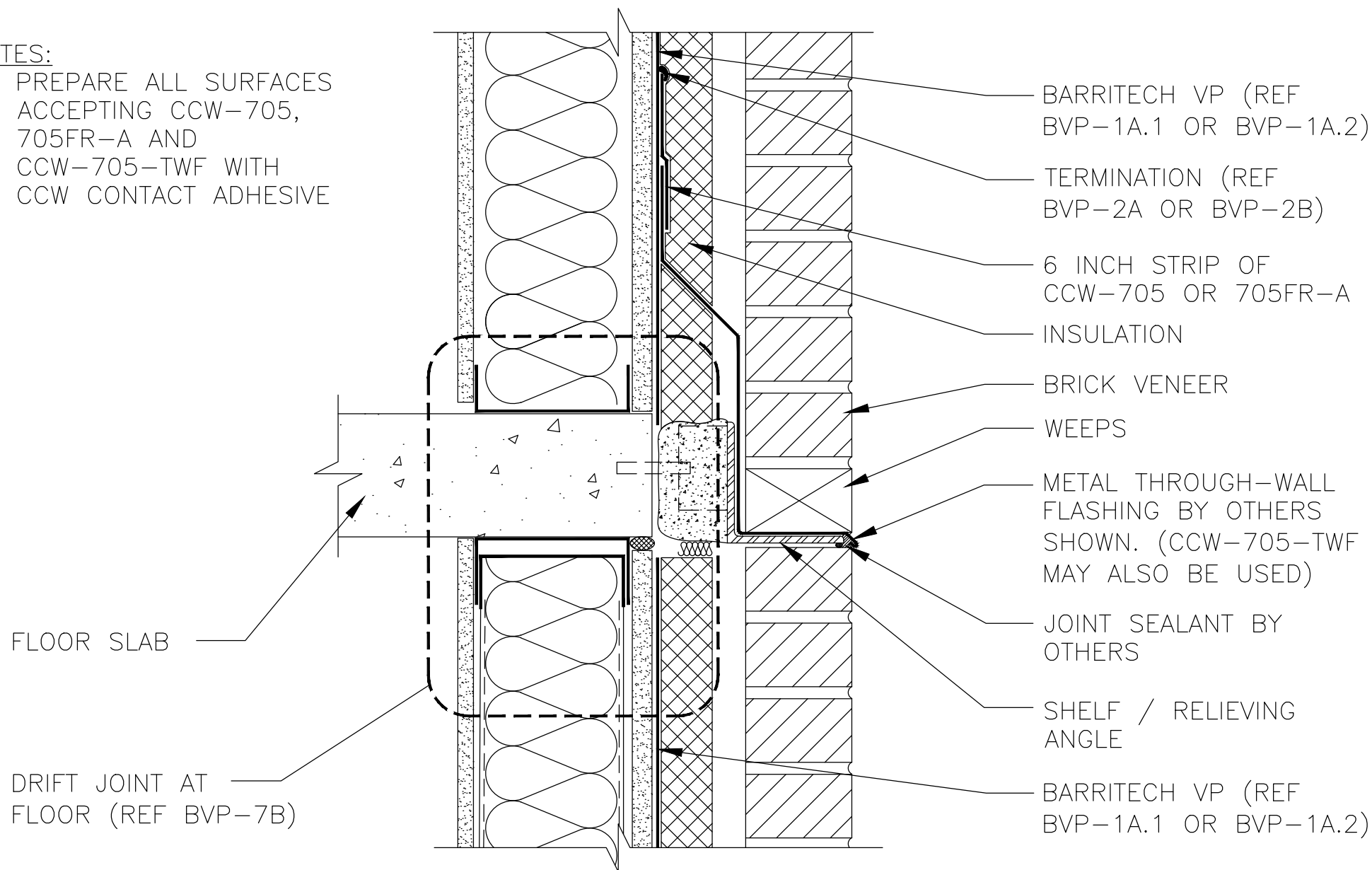
BARRITECH VP 2-SCREW BRICK TIES,  
ATTACHMENT TO STUD THROUGH  
EXTERIOR SHEATHING

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NOTES:

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



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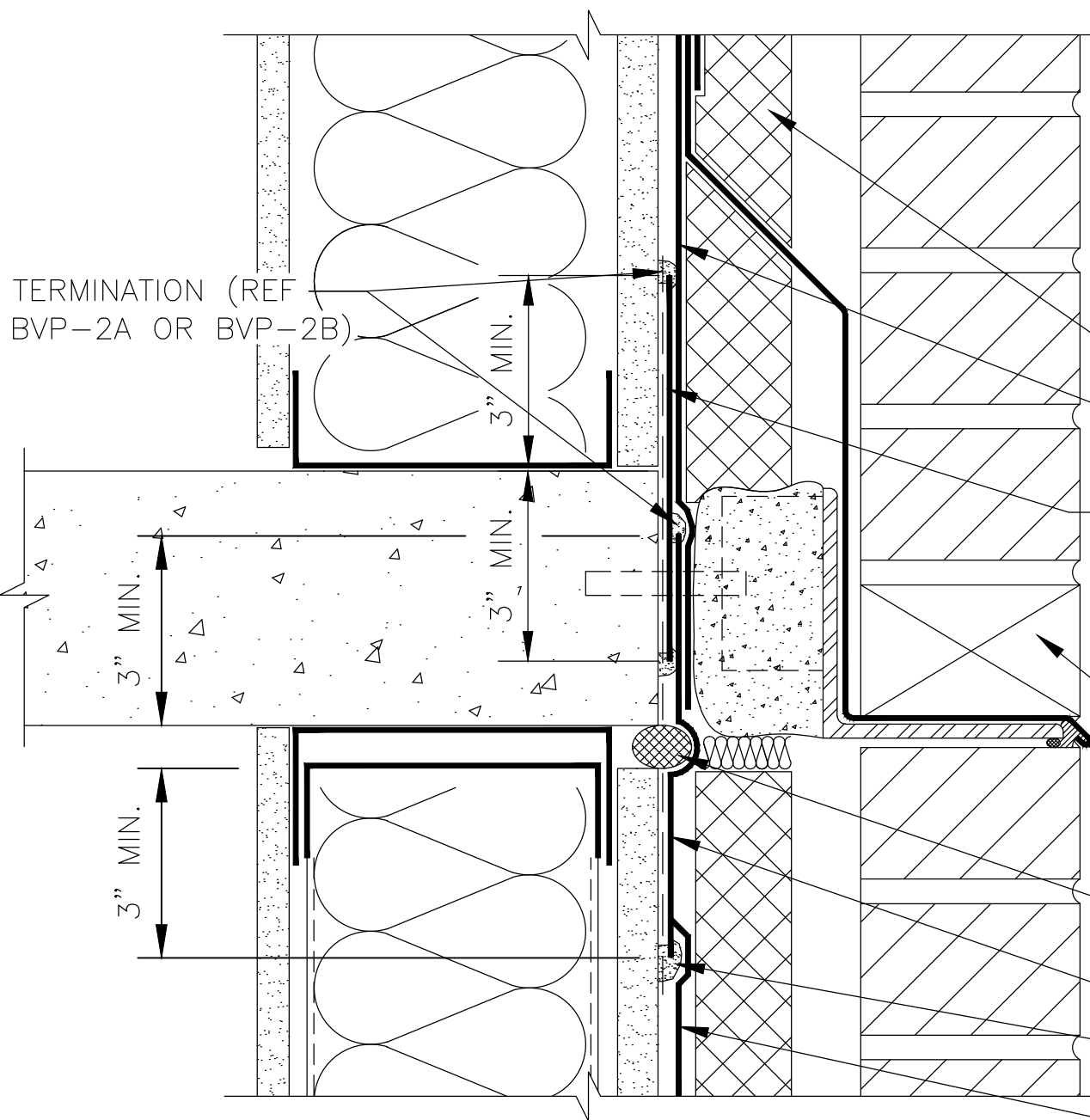
BVP-7A

BARRITECH VP  
SHELF ANGLE

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TERMINATION (REF  
BVP-2A OR BVP-2B)



# NOTES:

1. ALLOWABLE JOINT MOVEMENT VARIES WITH GEOMETRY
  2. ALLOW BARRITECH 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
- BARRITECH VP (REF BVP-1A.1 OR BVP-1A.2)
- OPTION #1: CCW-705 OR 705FR-A (REF BVP-2A, BVP-2B)
- OPTION #2: LIQUIFIBER OR DCH FABRIC EMBEDDED IN BARRITECH VP (REF BVP-1B, BVP-1C, BVP-2C)
- 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
- TERMINATION (REF BVP-2A OR BVP-2B)
- BARRITECH VP (REF BVP-1A.1 OR BVP-1A.2)

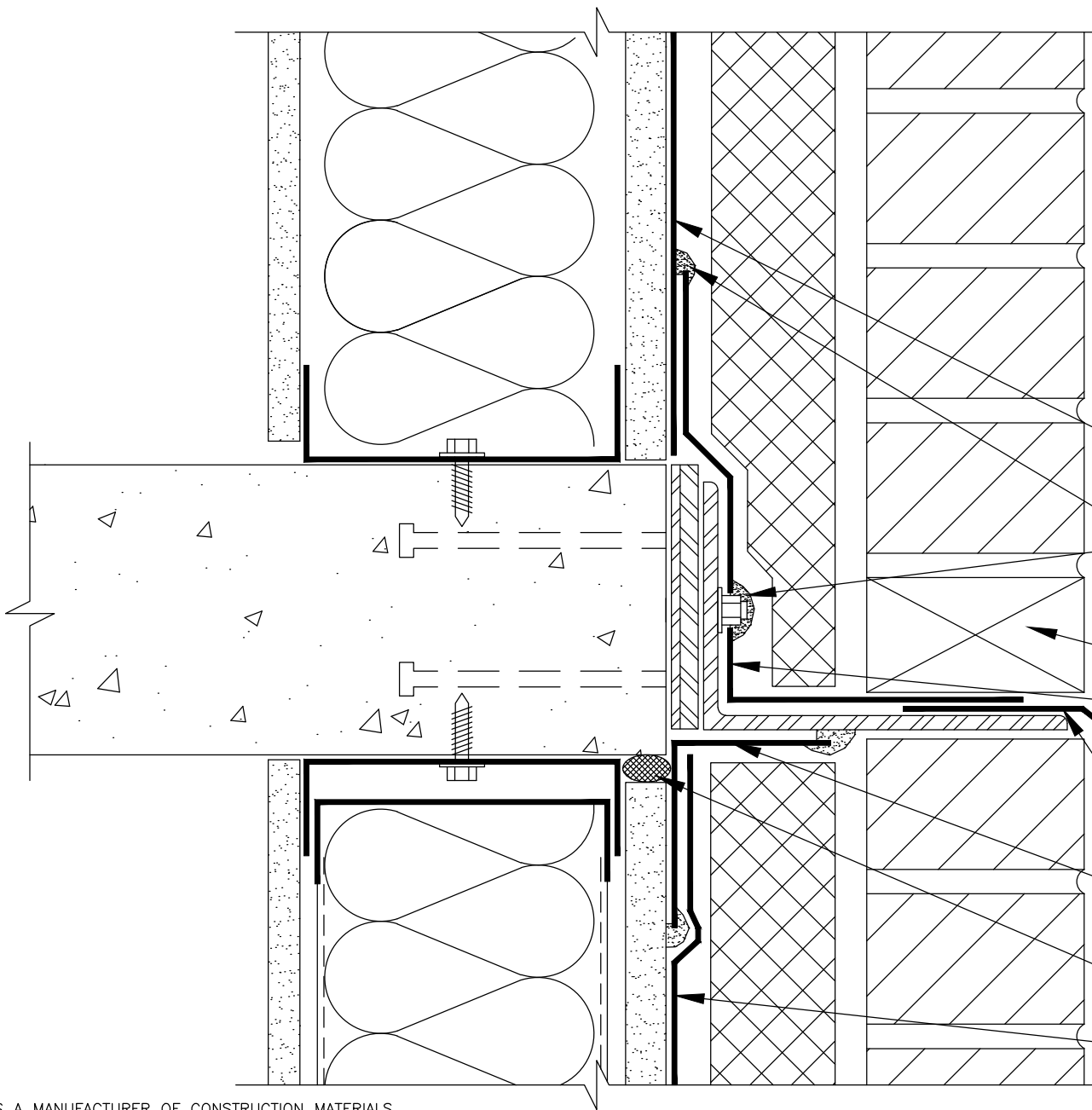
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-7B

BARRITECH VP  
DRIFT JOINT AT FLOOR



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# NOTES:

1. ALLOWABLE JOINT MOVEMENT VARIES WITH GEOMETRY
2. ALLOW BARRITECH 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
4. "BARRIBOND" INCLUDES REGULAR, XL AND HP

BARRITECH VP (REF BVP-1A.1 OR BVP-1A.2)

BARRIBOND OR 705-1 APPROVED SEALANT (REF 705-0A)

WEEPS

CCW-705-TWF CUT AND FIT OVER BOLT HEADS (TERMINATE 1/2" MIN. FROM EXTERIOR)

DRIP EDGE

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

BACKER ROD

BARRITECH VP (REF BVP-1A.1 OR BVP-1A.2)

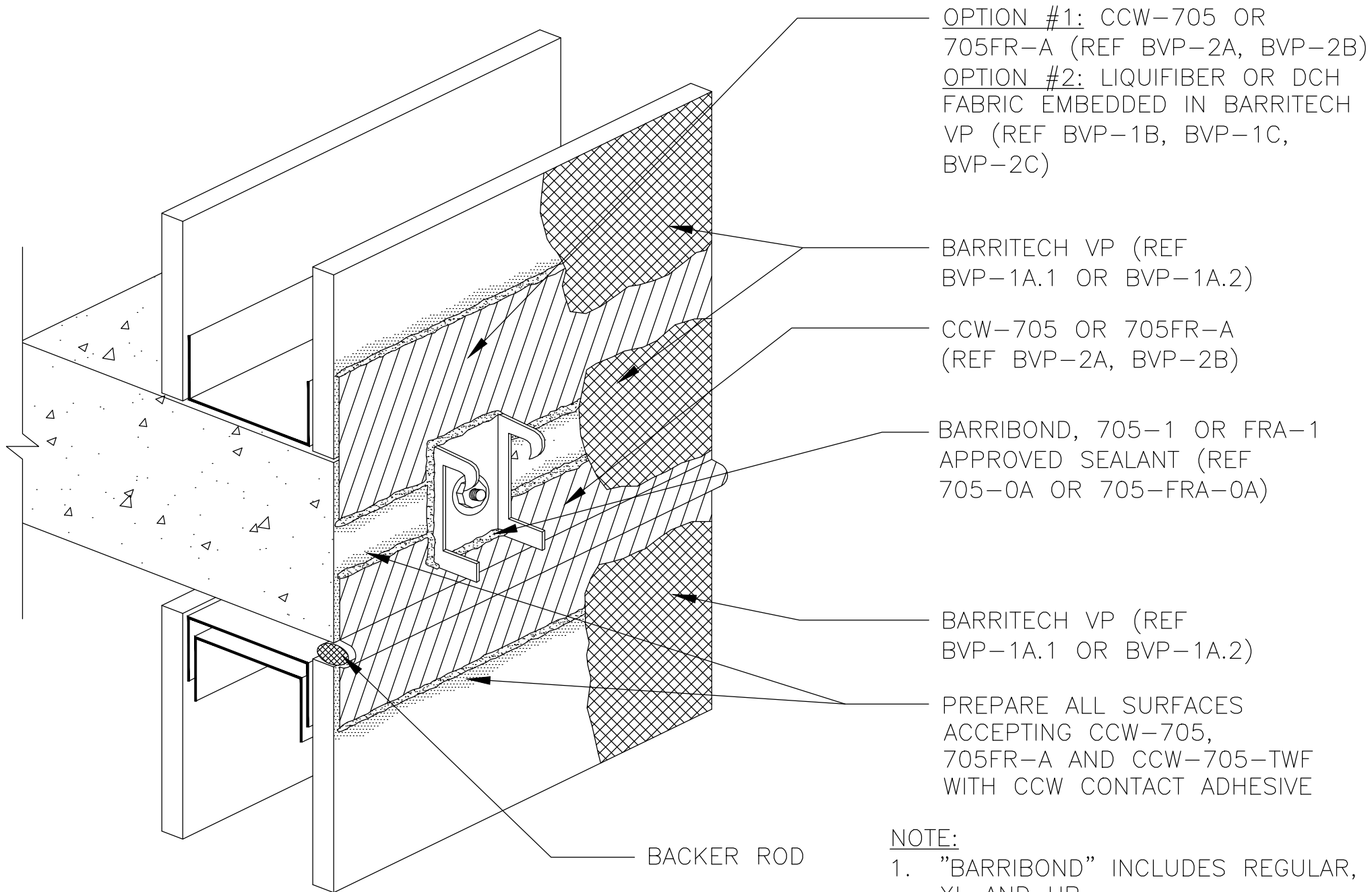
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-7C

BARRITECH VP SHELF ANGLE  
INSTALLED BEFORE AVB

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NOTE:

1. "BARRIBOND" INCLUDES REGULAR, XL AND HP

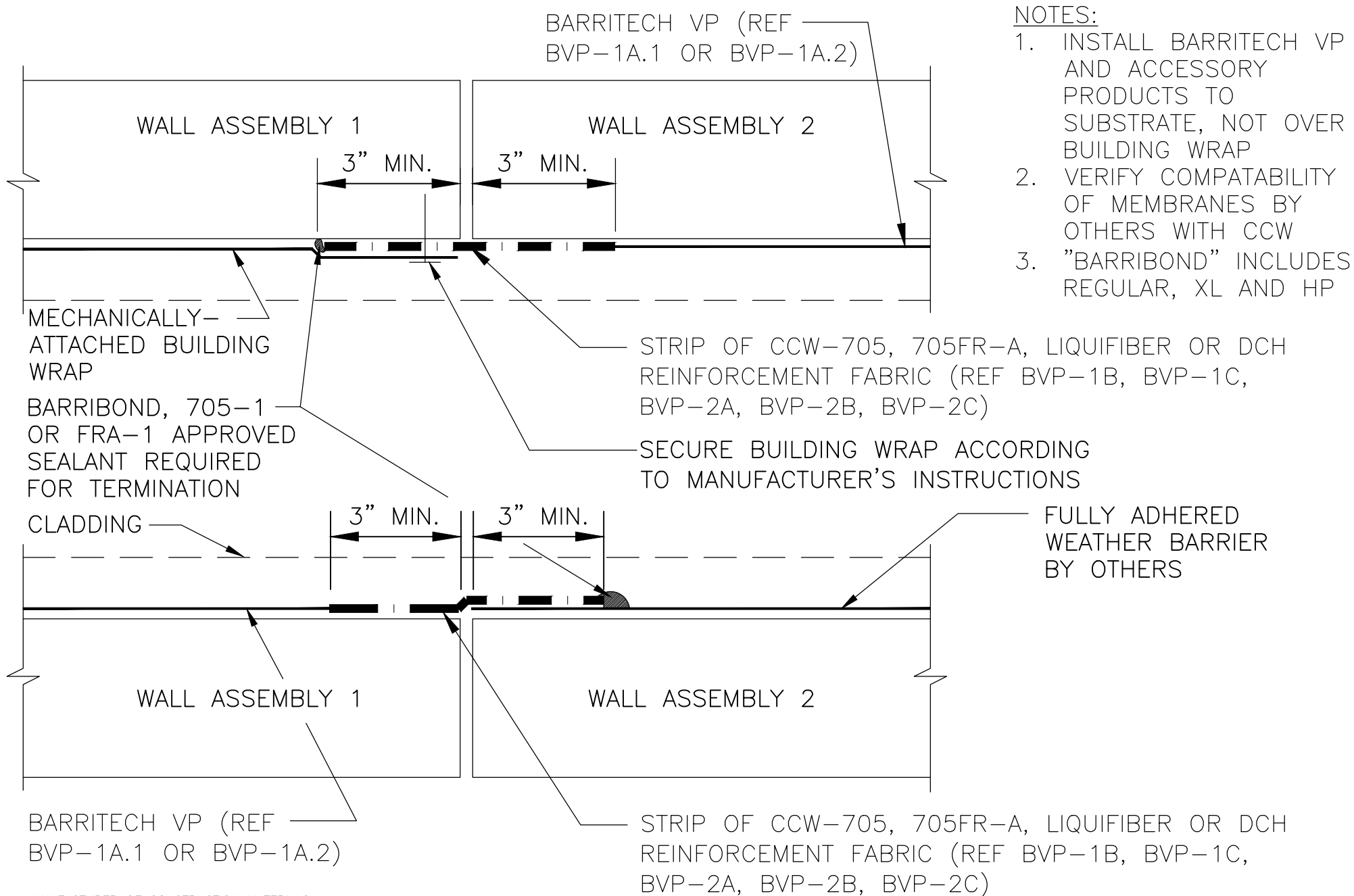
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-7D

ISOMETRIC SHELF ANGLE

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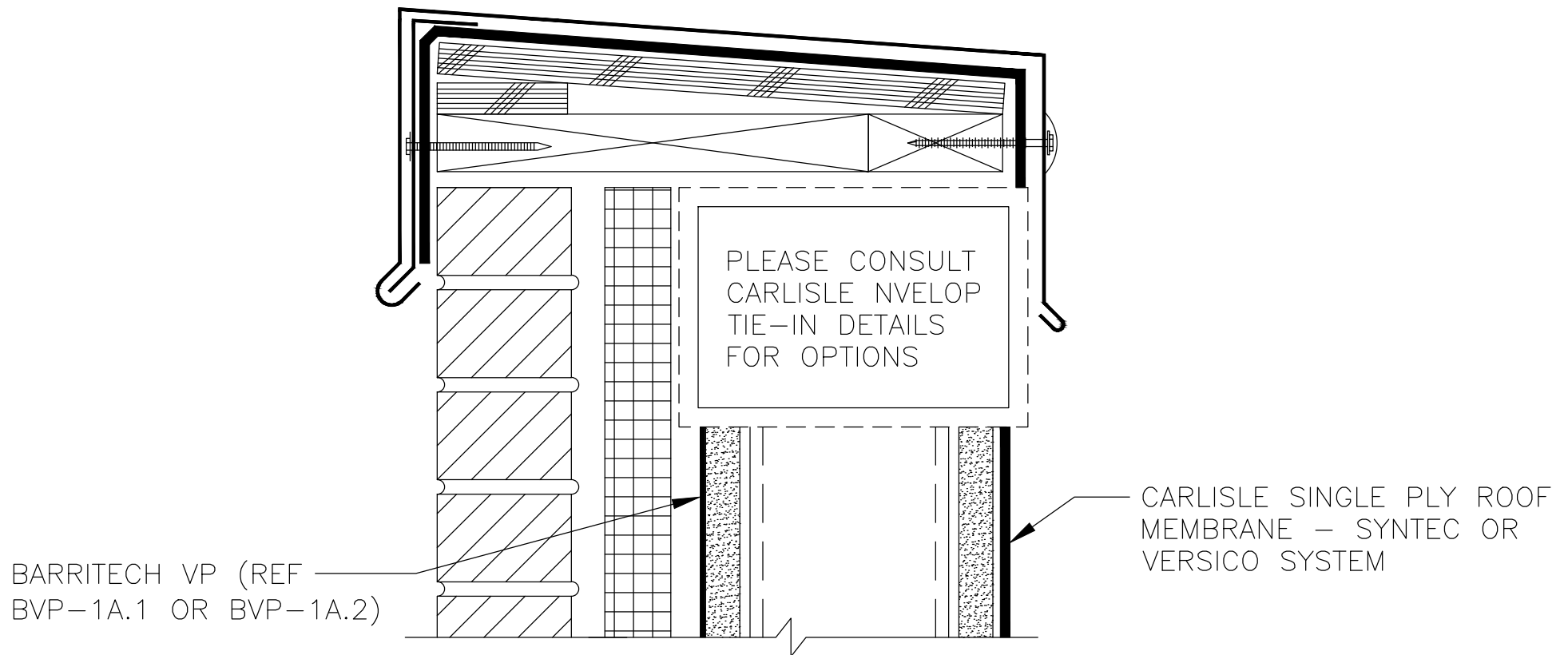
BVP-9A

BARRITECH VP  
TERMINATION AT WEATHER BARRIER  
BY OTHERS

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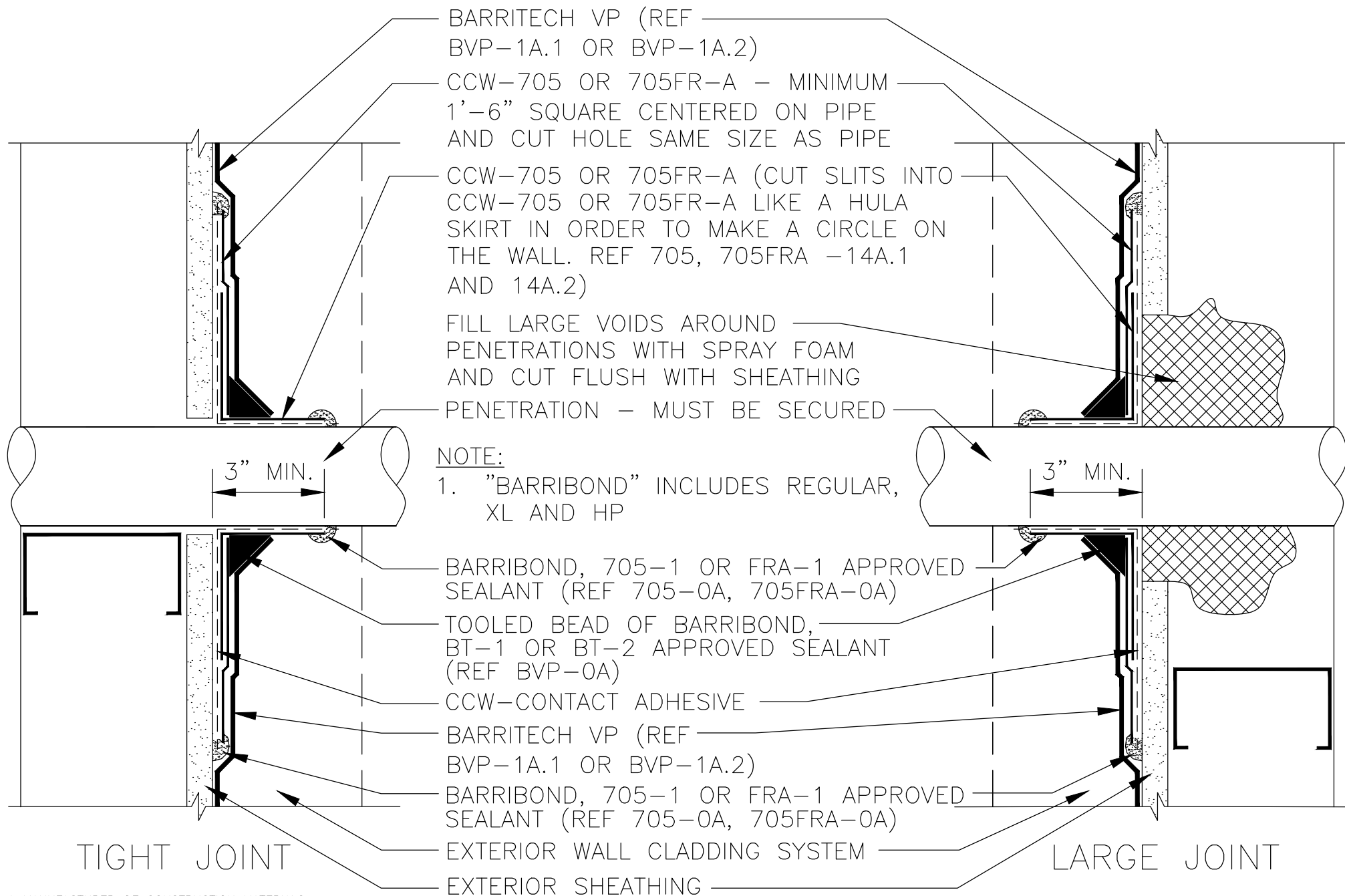
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-11A

BARRITECH VP TIE-IN TO  
CCM ROOF AT PARAPET

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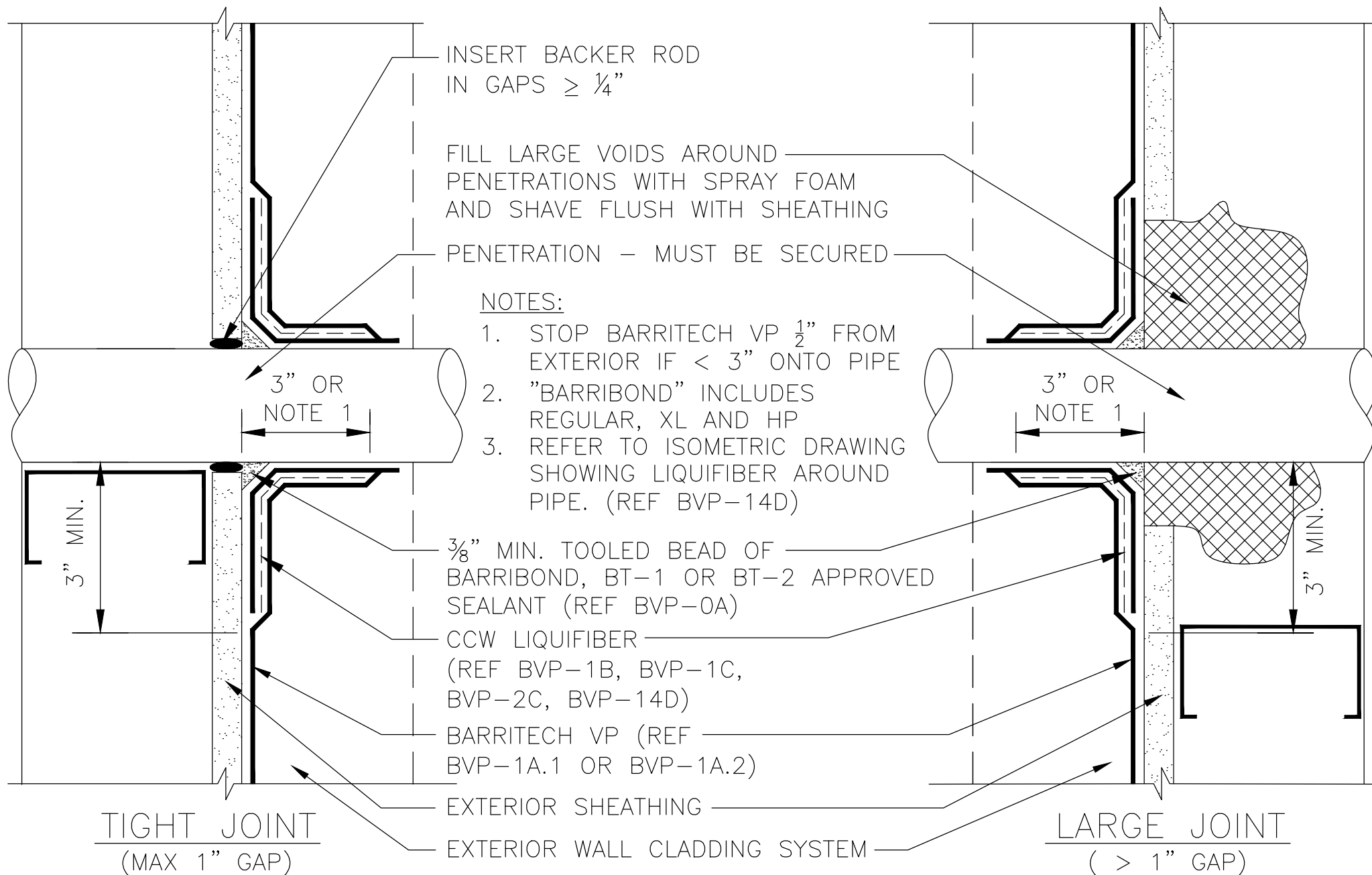
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-14A

SELF-ADHERING SHEET  
FLASHING AT PIPE PENETRATION

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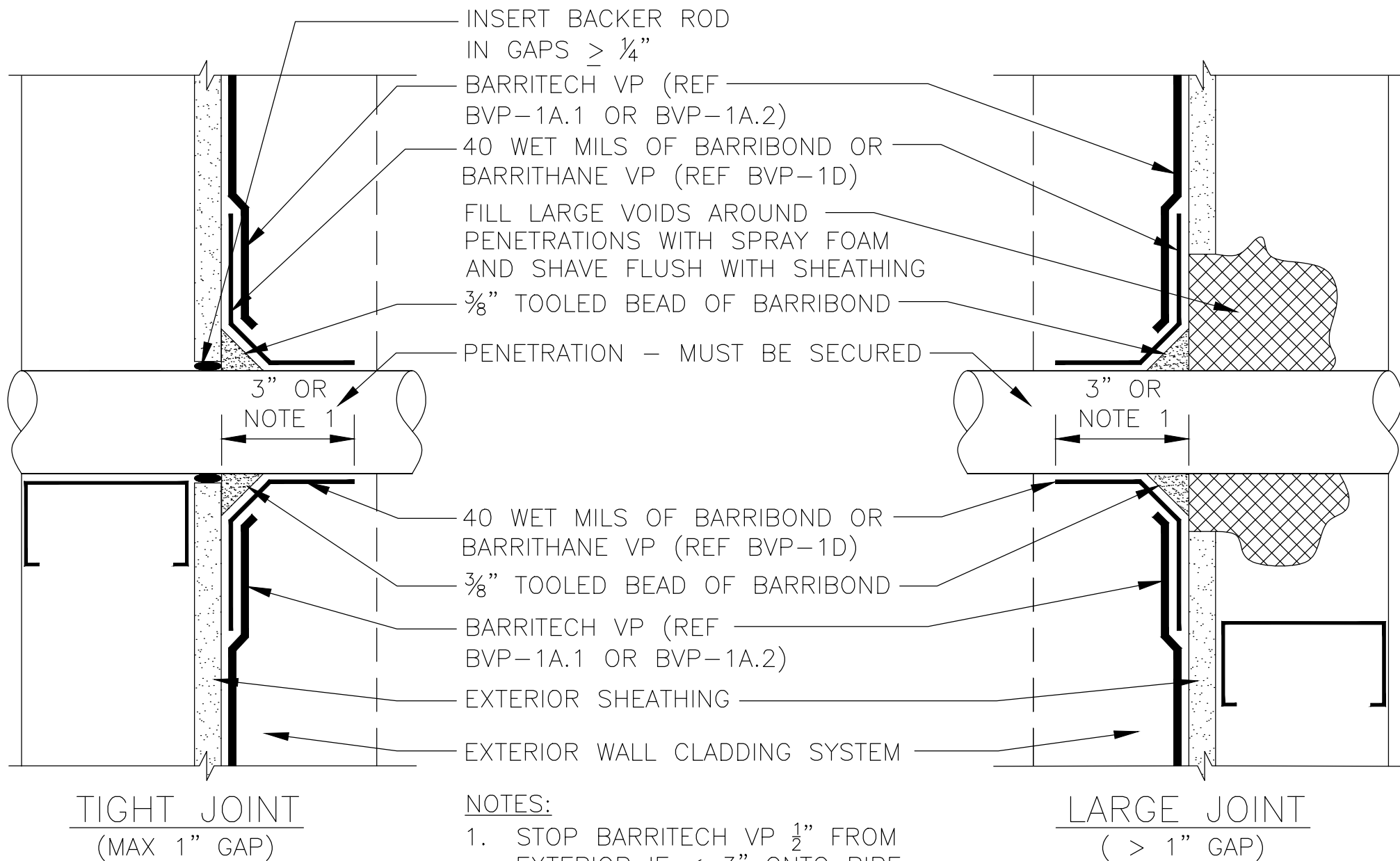
AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS  
REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

BVP-14B

LIQUIFIBER REINFORCING  
FABRIC AT PIPE PENETRATION

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NOTES:

1. STOP BARRITECH VP  $\frac{1}{2}"$  FROM EXTERIOR IF  $< 3"$  ONTO PIPE
2. "BARRIBOND" INCLUDES REGULAR, XL AND HP

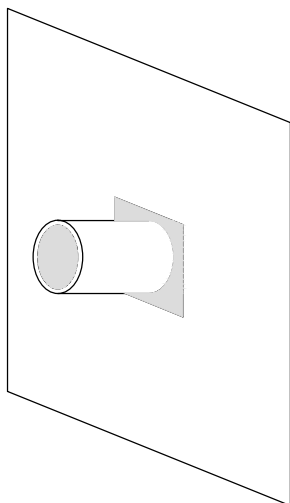
BVP-14C

LIQUID FLASHING  
AT PIPE PENETRATION

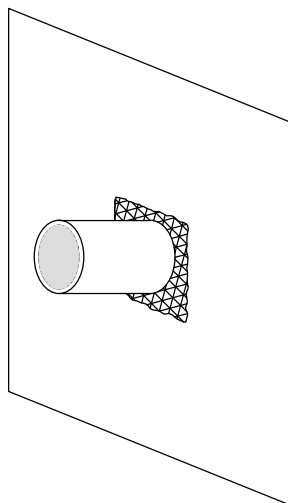
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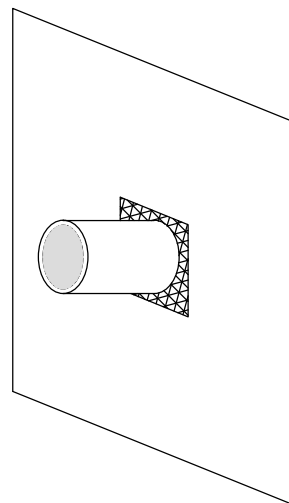
AS A MANUFACTURER OF CONSTRUCTION MATERIALS, CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS IN DESIGN OR ENGINEERING. ARCHITECT OR OWNERS REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.



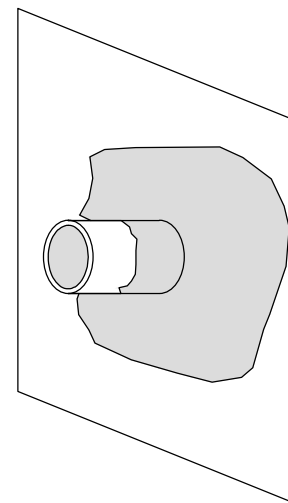
PIPE PENETRATION  
WITH ROUGH GAP



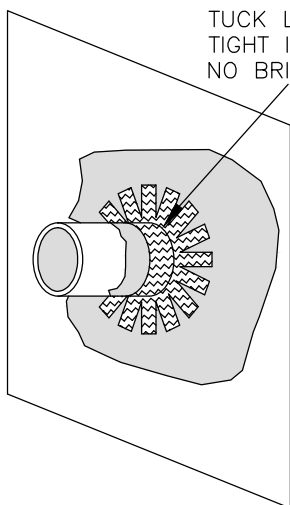
FILL TIGHTER GAPS WITH BARRIBOND,  
BT-1 OR BT-2 SEALANT. (REF  
BVP-0A) FILL ROUGH GAPS WITH  
EXPANDING FOAM



SHAVE FOAM FLUSH  
AFTER CURE

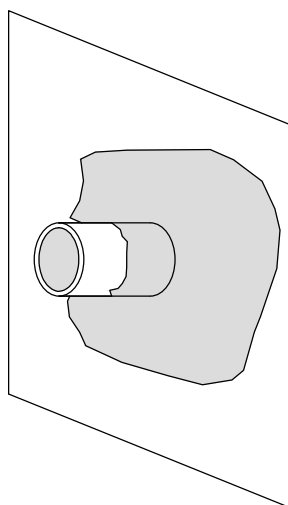


APPLY BARRITECH VP  
30 MIL BASE COAT

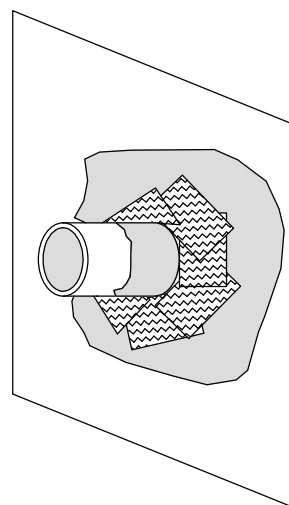


TUCK LIQUIFIBER  
TIGHT INTO ANGLE.  
NO BRIDGING.

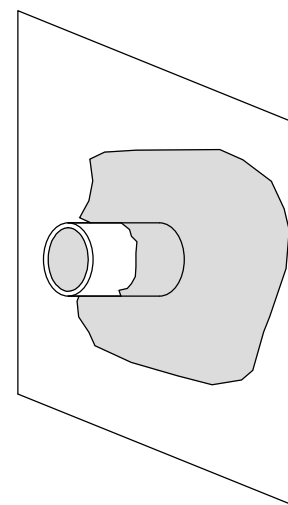
INSTALL LIQUIFIBER  
"HULA SKIRT" INTO  
WET BARRITECH VP



APPLY 2ND BASE COAT  
OF BARRITECH VP MINIMUM  
30 MILS WET AROUND PIPE



APPLY PIECES OF  
LIQUIFIBER AROUND  
PIPE INTO WET  
BARRITECH VP



COAT ALL LIQUIFIBER WITH  
BARRITECH VP TO ENCAPSULATE  
LIQUIFIBER. NO MINIMUM MIL  
THICKNESS REQUIRED

AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
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NOTE:

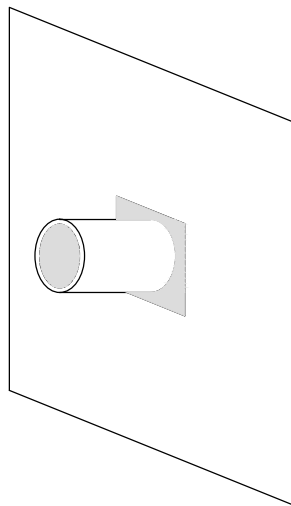
1. "BARRIBOND" INCLUDES REGULAR, XL AND HP

BVP-14D

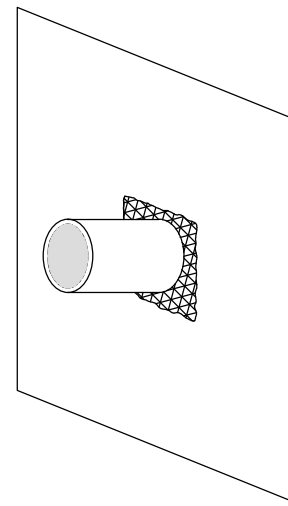
INSTALLATION SEQUENCE  
LIQUIFIBER AT PIPE PENETRATION

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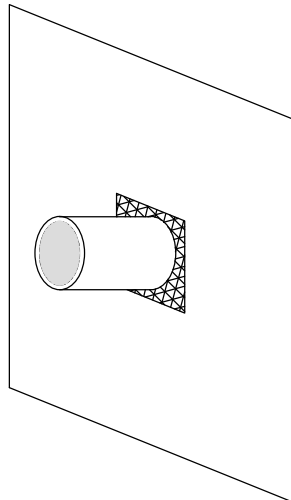
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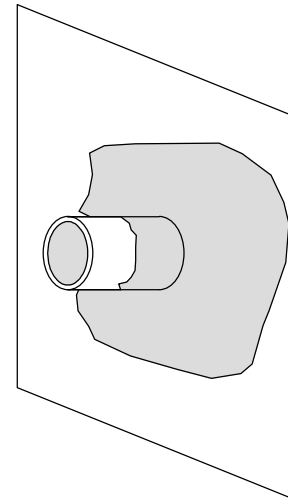
PIPE PENETRATION  
WITH ROUGH GAP



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 (REF BVP-1D)

AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
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REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.

NOTE:

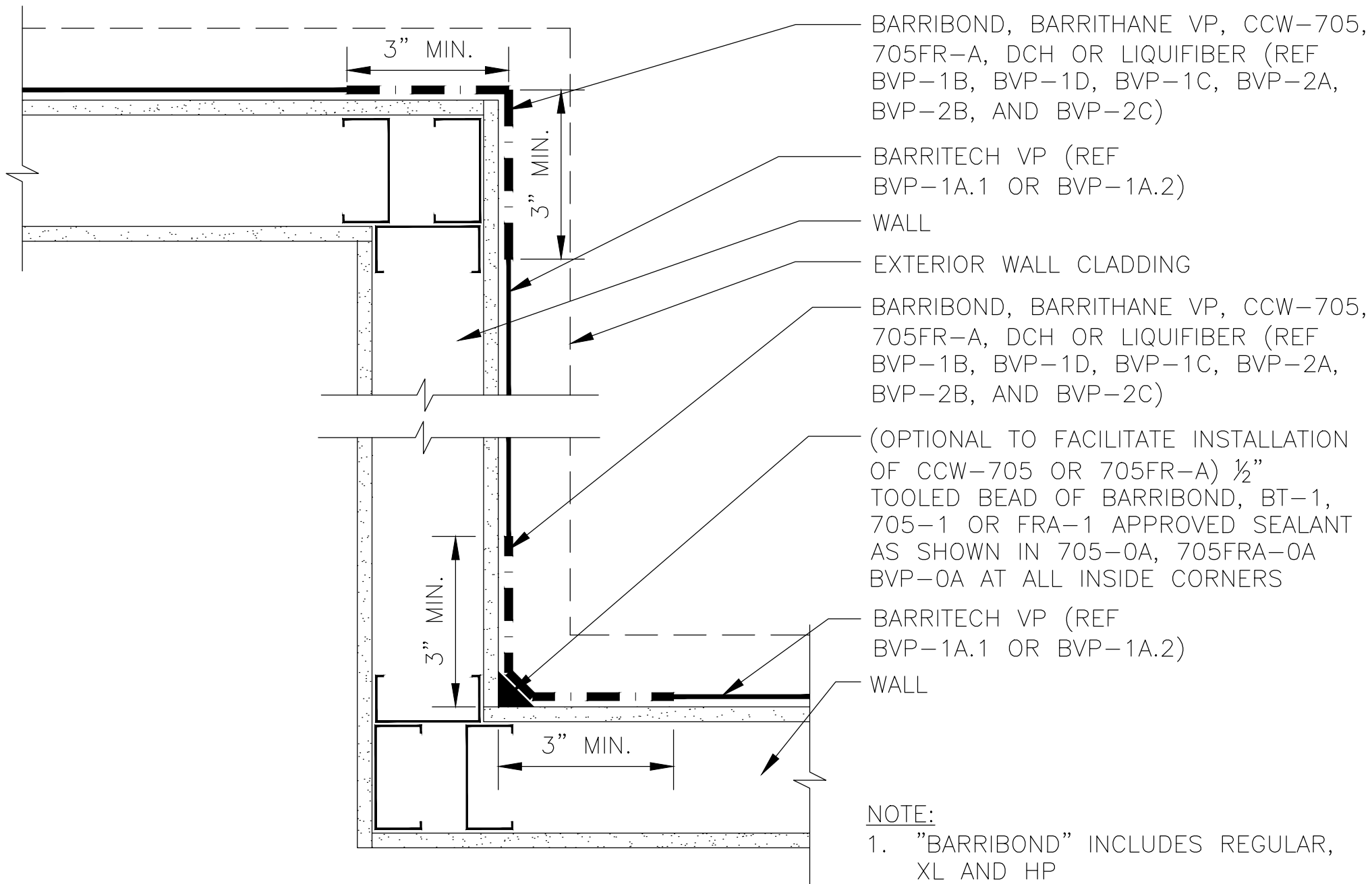
1. "BARRIBOND" INCLUDES REGULAR, XL AND HP

BVP-14E

INSTALLATION SEQUENCE  
BARRIBOND AT PIPE PENETRATION

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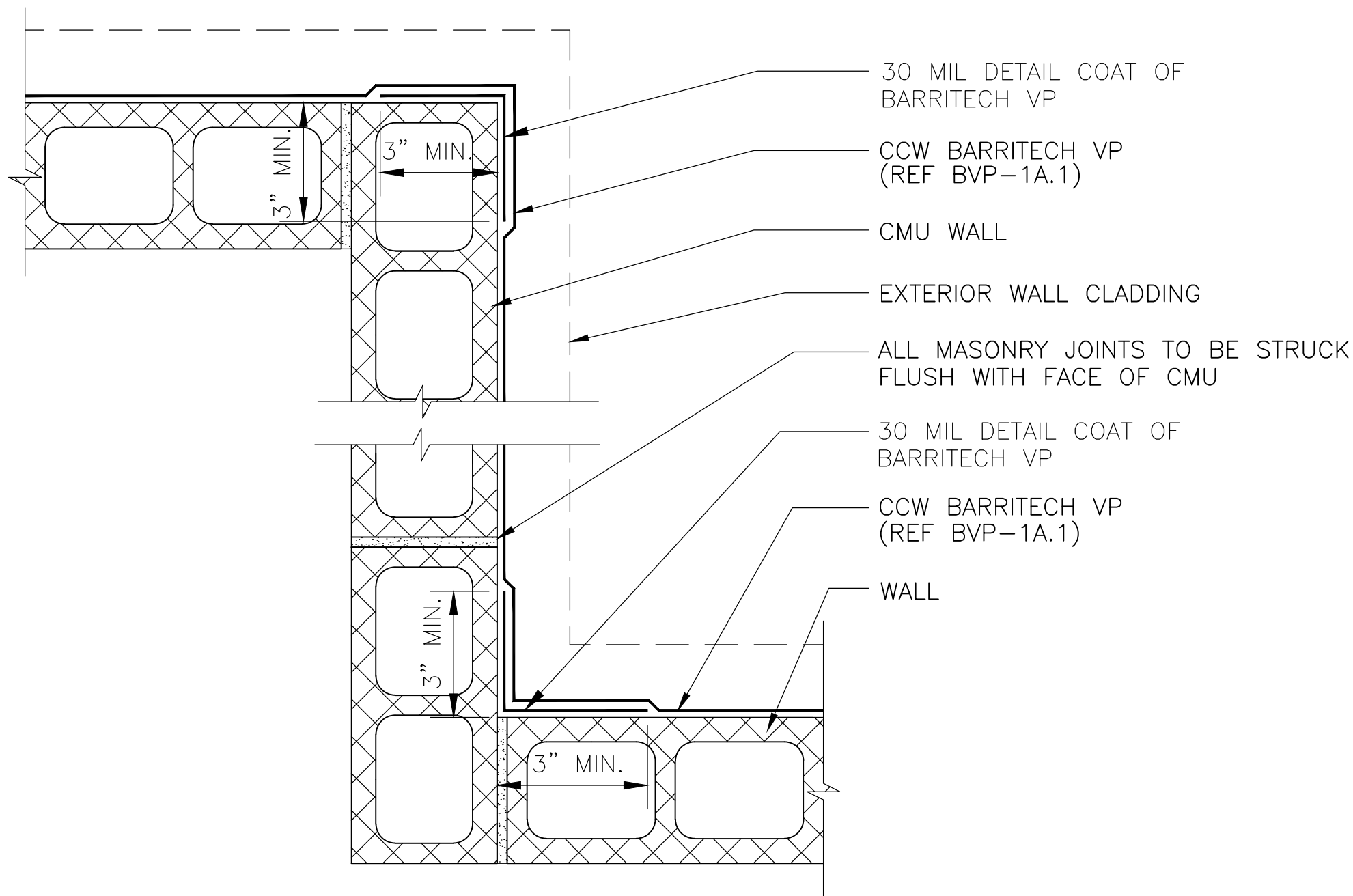
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BVP-15A

INSIDE/OUTSIDE  
CORNERS

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BVP-15B

INSIDE / OUTSIDE  
CMU WALL CORNERS

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

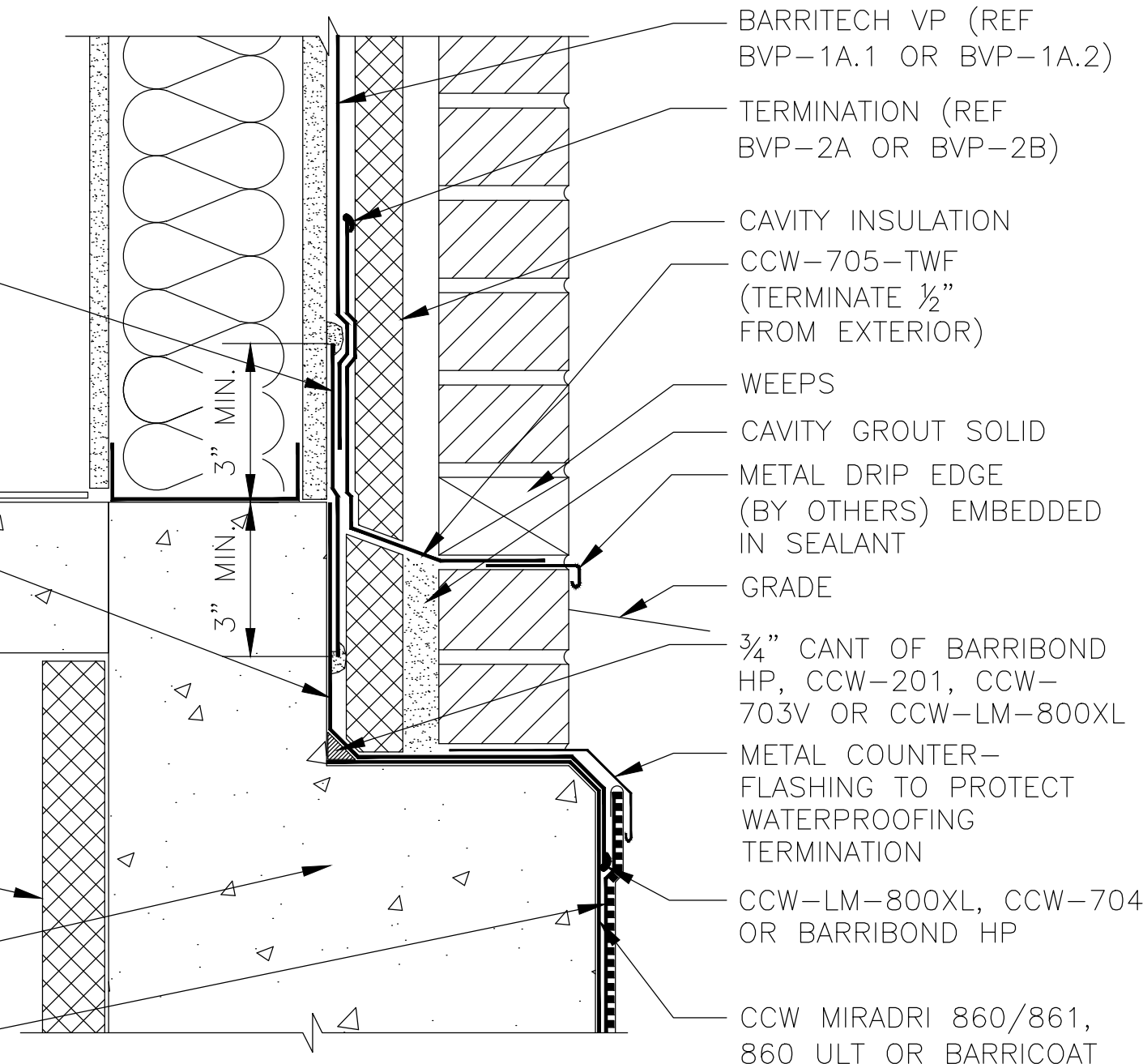
OPTION #2: LIQUIFIBER OR DCH  
FABRIC EMBEDDED IN BARRITECH  
VP (REF BVP-1B, BVP-1C,  
BVP-2C)

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

BELOW GRADE INSULATION.  
R-VALUE TO CODE

MIRADRAIN DRAINAGE COMPOSITE

AS A MANUFACTURER OF CONSTRUCTION MATERIALS,  
CARLISLE, DOES NOT ASSUME RESPONSIBILITY FOR ERRORS  
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REPRESENTATIVE MUST VERIFY SUITABILITY OF DETAILS.



BARRITECH VP  
FOUNDATION TIE-IN