

## NVELOP Tie-in Details

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June 2018

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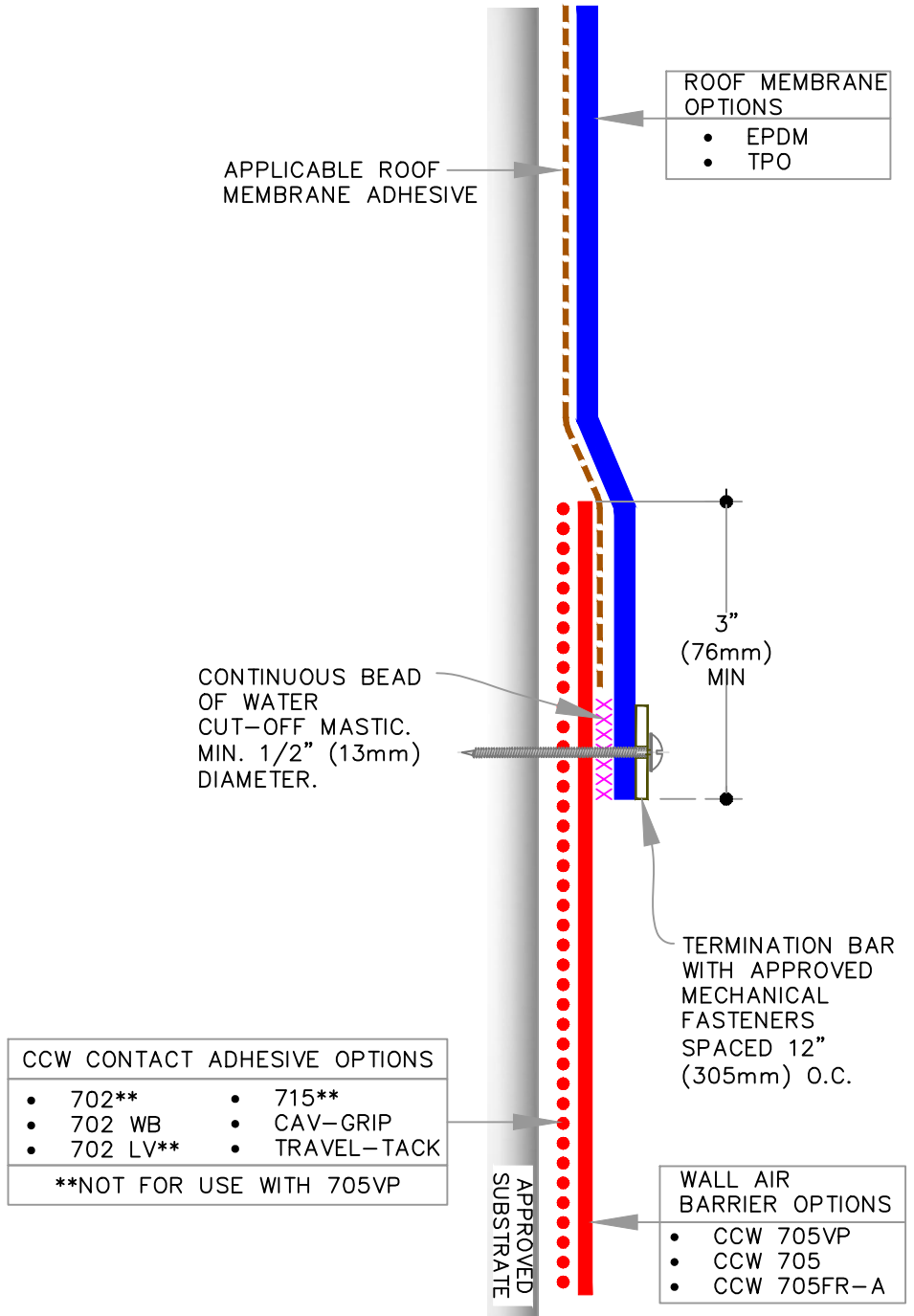
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## SECTION VI - BELOW GRADE TO BLIND SIDE ARCHITECTURAL TIE-IN DETAIL

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MiraSEAL to MiraCLAY .....	6.6

INSTALLATION STEPS:


- 1: APPLY APPROPRIATE ROOF MEMBRANE BONDING ADHESIVE OVER SUBSTRATE AND CONTINUE IT ONTO PREVIOUSLY INSTALLED CCW 705 AIR BARRIER (ALL CCW 705 OPTIONS ARE ACCEPTABLE) 2" (51mm) AND ALLOW IT TO FLASH OFF ACCORDING TO SPECIFIC ADHESIVE INSTALLATION INSTRUCTIONS.
- 2: INSTALL EPDM/TPO ROOF MEMBRANE, EXTENDING IT A MINIMUM OF 3" (76mm) OVER THE PREVIOUSLY INSTALLED CCW 705 AIR BARRIER. CUT ROOF MEMBRANE AS STRAIGHT AS POSSIBLE TO HELP WITH ALIGNMENT OF TERMINATION BAR. ROLL OVERLAP WITH 2" HAND ROLLER TO ENSURE FULL ADHESION. ENSURE THE LAST 1" (26mm) OF THE ROOF MEMBRANE IS NOT ADHERED TO ALLOW APPLICATION OF WATER CUT-OFF MASTIC HIGHLIGHTED IN STEP 3.
- 3: APPLY A CONTINUOUS BEAD OF WATER CUT-OFF MASTIC A MINIMUM OF 1/2" (13mm) IN DIAMETER BETWEEN THE FACE OF THE CCW 705 AND UNDERSIDE OF THE SINGLE-PLY ROOF MEMBRANE. MASTIC SHALL BE APPLIED DIRECTLY IN LINE WITH PLANNED TERMINATION BAR LOCATION.
- 4: WHILE MASTIC IS STILL WET, INSTALL TERMINATION BAR OVER SINGLE-PLY MEMBRANE, SANDWICHING THE MASTIC BETWEEN THE ROOF MEMBRANE AND THE CCW 705. TERMINATION BAR SHALL BE FASTENING WITH APPROVED FASTENERS SPACED A MINIMUM OF 12" (305mm) ON CENTER. FASTENERS SHALL PENETRATE THROUGH THE BEAD OF WATER CUT-OFF MASTIC TO ENSURE A WATER AND AIR TIGHT SEAL.



CCW CONTACT ADHESIVE OPTIONS	
• 702**	• 715**
• 702 WB	• CAV-GRIP
• 702 LV**	• TRAVEL-TACK
**NOT FOR USE WITH 705VP	

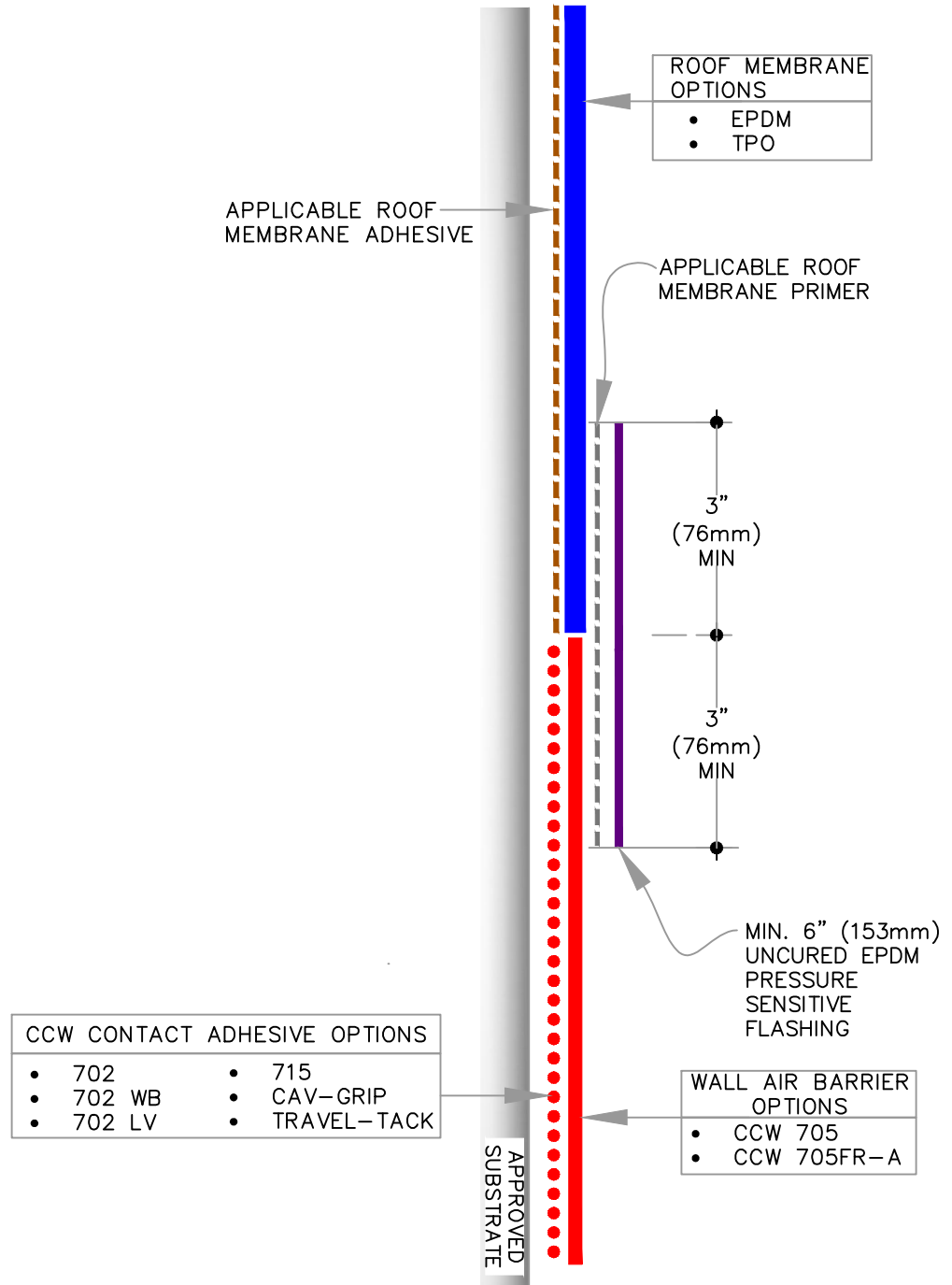
WALL AIR BARRIER OPTIONS
• CCW 705VP
• CCW 705
• CCW 705FR-A

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 4.


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		EPDM OR TPO	705VP, 705 OR 705FR-A	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

INSTALLATION STEPS:

- 1: SINGLE-PLY ROOF MEMBRANE AND CCW 705 (NON-PERMEABLE OPTIONS ONLY) SHALL BE INSTALLED SO THAT THEY BUTT END-TO-END. INSTALLATION SHALL BE DONE ACCORDING TO APPLICABLE PRODUCT INSTALLATION REQUIREMENTS USING APPLICABLE ADHESIVES.
- 2: PRIME THE FACE OF THE CCW 705 AND THE SINGLE-PLY ROOF MEMBRANE WITH APPROPRIATE SINGLE-PLY PRIMER FOLLOWING SPECIFIC PRIMER INSTALLATION INSTRUCTIONS.
- 3: INSTALL A MINIMUM 6" (153mm) WIDE UNCURED EPDM PRESSURE SENSITIVE FLASHING OVER PRIMED BUTT JOINT, ENSURING FLASHING IS CENTERED, EXTENDING A MINIMUM OF 3" (76mm) ON TO BOTH THE SINGLE-PLY ROOF MEMBRANE AND THE CCW 705. INSTALLATION IS ACHIEVED BY REMOVING THE RELEASE LINER AND USING HAND PRESSURE TO POSITION THE EPDM FLASHING. ONCE IN PLACE, ROLL ENTIRE TIE-IN WITH WITH A 2" HAND ROLLER TO ENSURE PROPER ADHESION.

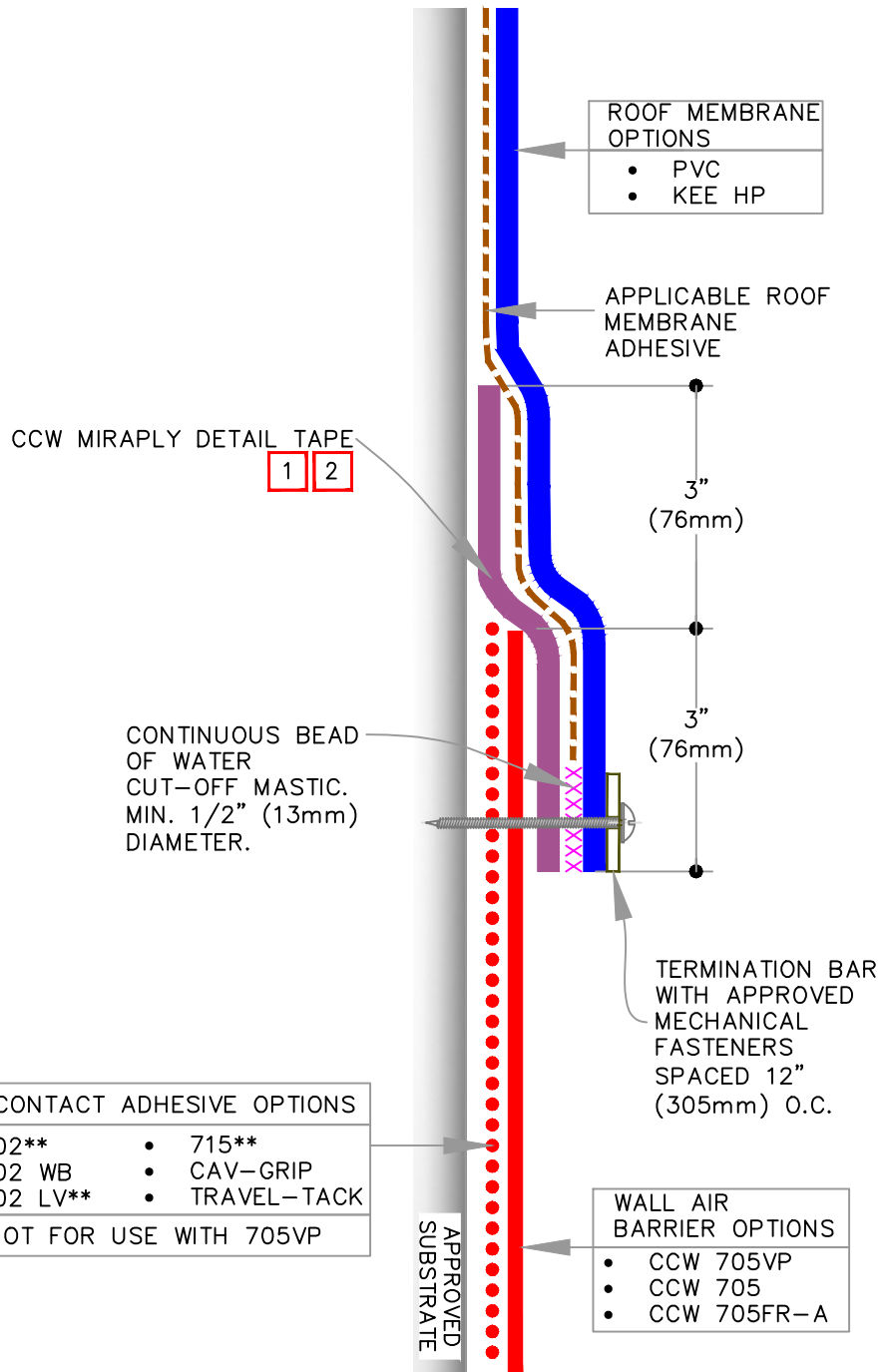


THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 4](#).

	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	<b>ROOF BARRIERS:</b> EPDM OR TPO	<b>WALL BARRIERS:</b> 705 OR 705FR-A	1.2
		REFER TO SPECS FOR ADDITIONAL INFORMATION		

**INSTALLATION STEPS:**

- 1: INSTALL CCW MIRAPLY DETAIL TAPE CENTERED OVER PREVIOUSLY INSTALLED CCW 705 OR 705FR-A. MIRAPLY DETAIL TAPE SHALL BE INSTALLED SO THAT 3" (76mm) IS ON THE 705/705FR-A AND THE REMAINING 3" (76mm) EXTENDS BEYOND STEP-OFF, ON TO SUBSTRATE. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL DETAIL TAPE WITH 2" HAND ROLLER. NOTE: TAPE DOES NOT REQUIRE PRIMER FOR ADHESION BUT MEMBRANE AND SUBSTRATE MUST BE CLEAN, WHICH MAY REQUIRE THE USE OF WEATHERED MEMBRANE CLEANER.
- 2: APPLY APPROPRIATE ROOF MEMBRANE BONDING ADHESIVE OVER SUBSTRATE, CONTINUING IT ONTO THE CCW MIRAPLY DETAIL TAPE STOPPING 1" (26mm) SHORT OF THE END THE DETAIL TAPE. ALLOW ADHESIVE TO FLASH OFF ACCORDING TO SPECIFIC ADHESIVE INSTALLATION INSTRUCTIONS.
- 3: INSTALL PVC/KEE HP ROOF MEMBRANE, EXTENDING IT OVER THE CCW MIRAPLY DETAIL TAPE. ENSURE PVC/KEE HP DOES NOT EXTEND ONTO THE CCW 705. CUT ROOF MEMBRANE AS STRAIGHT AS POSSIBLE TO HELP WITH ALIGNMENT OF TERMINATION BAR. ROLL OVERLAP WITH 2" HAND ROLLER TO ENSURE FULL ADHESION. ENSURE THE LAST 1" (26mm) OF THE ROOF MEMBRANE IS NOT ADHERED TO ALLOW APPLICATION OF UNIVERSAL SINGLE-PLY SEALANT HIGHLIGHTED IN STEP 4.
- 4: APPLY A CONTINUOUS BEAD OF UNIVERSAL SINGLE-PLY SEALANT A MINIMUM OF 1/2" (13mm) IN DIAMETER BETWEEN THE FACE OF THE CCW MIRAPLY DETAIL TAPE AND UNDERSIDE OF THE PVC/KEE HP ROOF MEMBRANE. SEALANT SHALL BE APPLIED DIRECTLY IN LINE WITH PLANNED TERMINATION BAR LOCATION.
- 5: WHILE SEALANT IS STILL WET, INSTALL TERMINATION BAR OVER SINGLE-PLY MEMBRANE, SANDWICHING IT BETWEEN THE ROOF MEMBRANE AND THE MIRAPLY DETAIL TAPE. TERMINATION BAR SHALL BE FASTENING WITH APPROVED FASTENERS AT A MINIMUM OF 12" (305mm) ON CENTER. FASTENERS SHALL PENETRATE THROUGH THE BEAD OF WATER CUT-OFF MASTIC TO ENSURE A WATER AND AIR TIGHT SEAL.




CCW CONTACT ADHESIVE OPTIONS	
• 702**	• 715**
• 702 WB	• CAV-GRIP
• 702 LV**	• TRAVEL-TACK
**NOT FOR USE WITH 705VP	

**NOTES:**

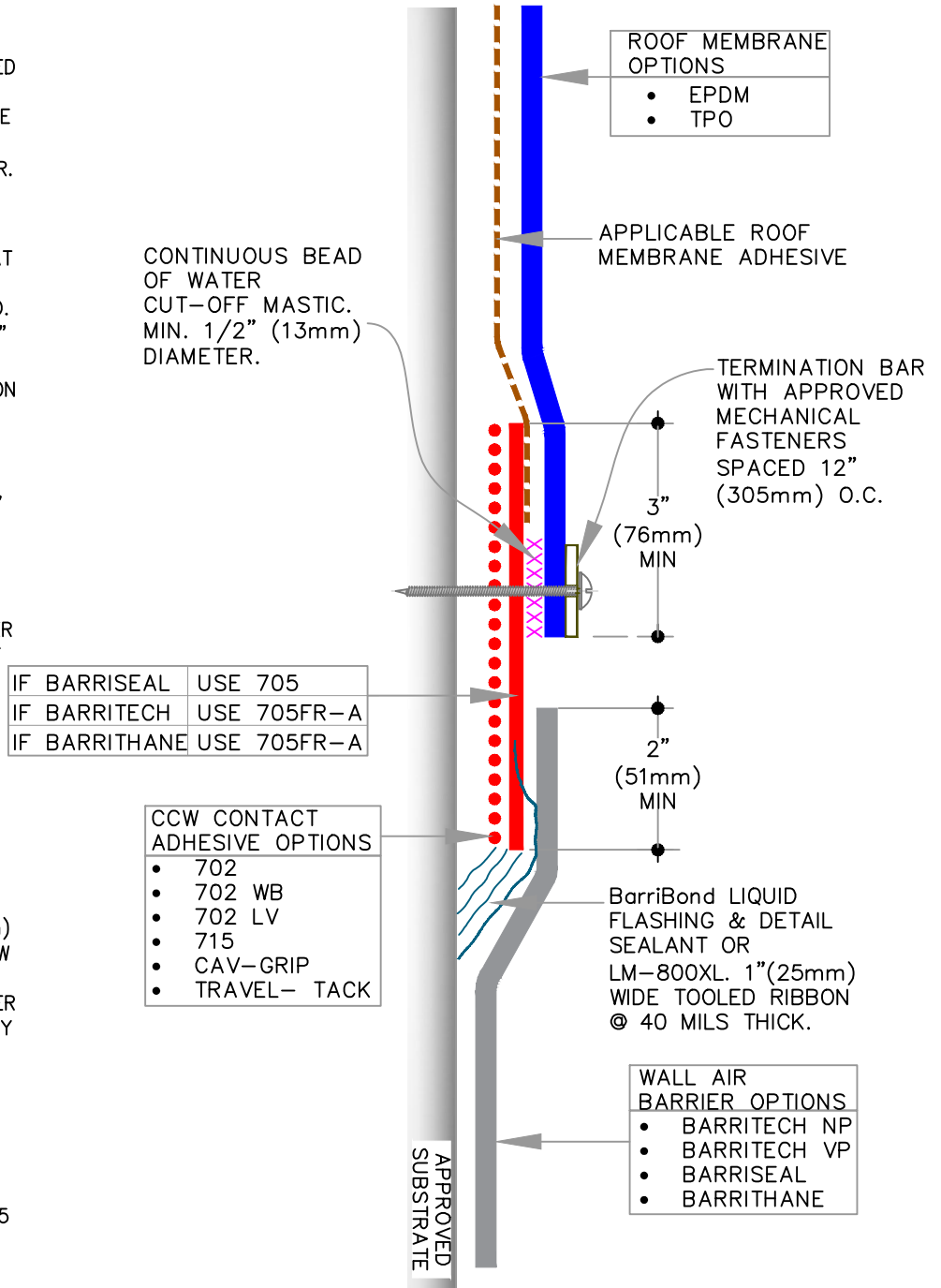
- 1 MIRAPLY DETAIL TAPE PREVENTS THE CONTACT OF ASPHALT ADHESIVE TO PVC/KEE HP MEMBRANE. PVC/KEE HP MUST NOT EXTEND BEYOND THE END OF MIRAPLY DETAIL TAPE.
- 2 CCW MIRAPLY DETAIL TAPE IS NOT NEEDED WHEN USING 705VP ON THE WALL.

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 4](#).


	<span style="border: 1px solid red; padding: 2px;">0</span> REFER TO NOTES	<b>ROOF BARRIERS:</b>  PVC OR KEE HP	<b>WALL BARRIERS:</b>  705VP, 705 OR 705FR-A	1.3
	REFER TO SPECS FOR ADDITIONAL INFORMATION			

**INSTALLATION STEPS:**

- 1: INSTALL A MINIMUM OF 6" (153mm) WIDE STRIP OF CCW 705 OR 705FR-A OVER PRIMED SUBSTRATE, CENTERED DIRECTLY BELOW THE PLANNED TIE-IN LOCATION. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL TRANSITION MEMBRANE WITH 2" HAND ROLLER.
- 2: APPLY A CONTINUOUS BEAD OF CCW BARRIBOND OR LM-800XL DETAIL SEALANT AT TRANSITION MEMBRANE STEP-OFF WHERE BARRITECH OR BARRISEAL WILL BE INSTALLED. BEAD SHALL BE TOOLED TO A MINIMUM OF 1" (26mm) WIDE BY 40 MILS THICK AND ALLOWED TO DRY ACCORDING TO INSTALLATION INSTRUCTIONS.
- 3: APPLY CCW BARRITECH, BARRISEAL OR BARRITHANE ON THE WALL, CONTINUING IT 2" (51mm) ONTO TRANSITION MEMBRANE.
- 4: INSTALL EPDM/TPO ROOF MEMBRANE, EXTENDING IT A MINIMUM OF 3" (76mm) OVER CCW 705 TRANSITION MEMBRANE. CUT ROOF MEMBRANE AS STRAIGHT AS POSSIBLE TO HELP WITH ALIGNMENT OF TERMINATION BAR. ROLL OVERLAP WITH 2" HAND ROLLER TO ENSURE FULL ADHESION. ENSURE THE LAST 1" (25mm) OF THE ROOF MEMBRANE IS NOT ADHERED TO ALLOW APPLICATION OF WATER CUT-OFF MASTIC HIGHLIGHTED IN STEP 5.
- 5: APPLY A CONTINUOUS BEAD OF WATER CUT-OFF MASTIC A MINIMUM OF 1/2" (13mm) IN DIAMETER BETWEEN THE FACE OF THE CCW 705 TRANSITION MEMBRANE AND UNDERSIDE OF THE SINGLE-PLY ROOF MEMBRANE. WATER CUT-OFF MASTIC SHALL BE APPLIED DIRECTLY IN LINE WITH PLANNED TERMINATION BAR LOCATION.
- 6: WHILE MASTIC IS STILL WET, INSTALL TERMINATION BAR OVER SINGLE-PLY MEMBRANE, SANDWICHING THE MASTIC BETWEEN ROOF MEMBRANE AND THE CCW 705 TRANSITION MEMBRANE. TERMINATION BAR SHALL BE FASTENING WITH APPROVED FASTENERS AT A MINIMUM OF 12" (305mm) ON CENTER. FASTENERS SHALL PENETRATE THROUGH THE BEAD OF WATER CUT-OFF MASTIC TO ENSURE A WATER AND AIR TIGHT SEAL.

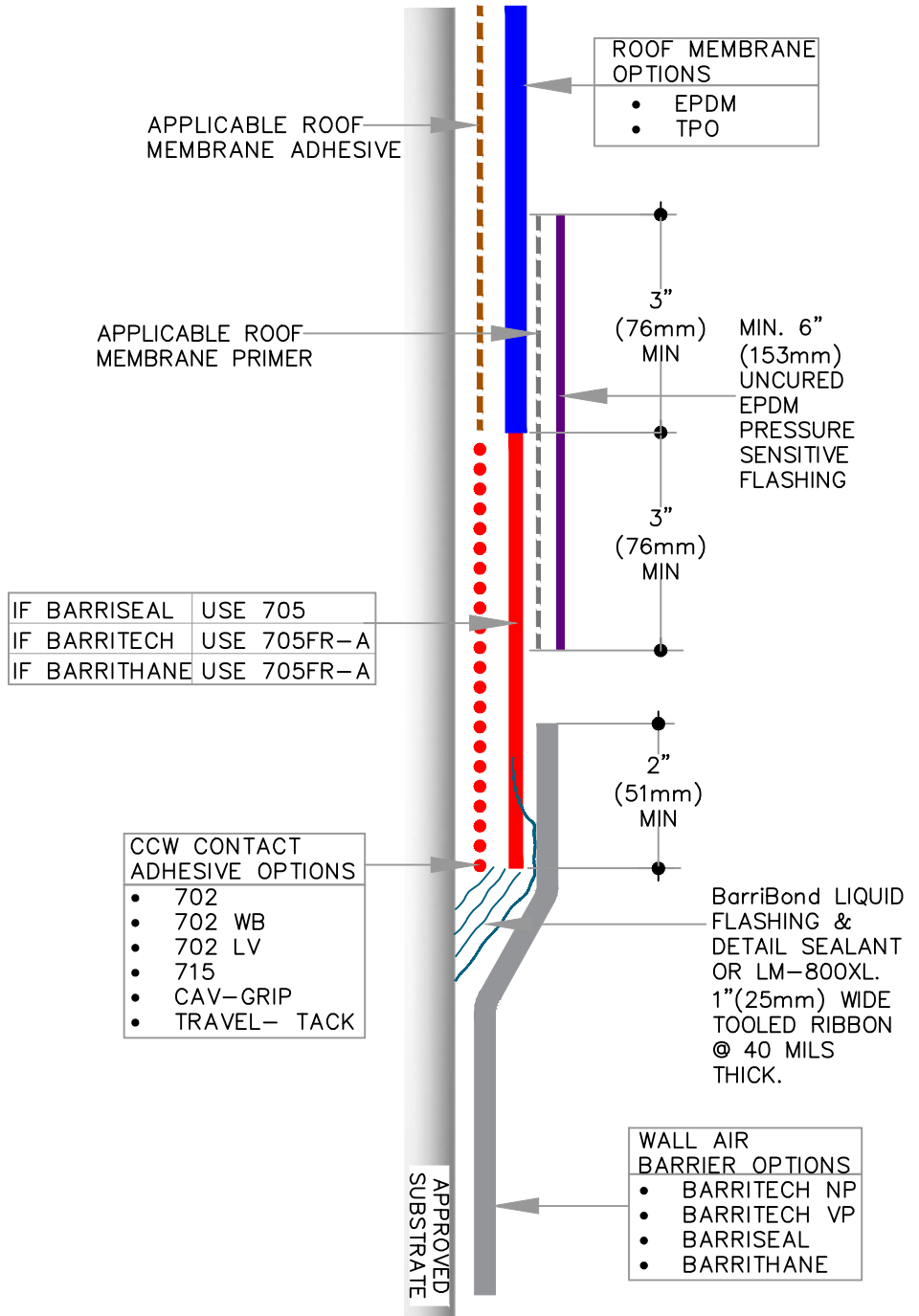


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	REFER TO SPECS FOR ADDITIONAL INFORMATION			

## INSTALLATION STEPS:

- 1: INSTALL A MINIMUM 6" (153mm) WIDE STRIP OF CCW 705 OR 705FR-A OVER PRIMED SUBSTRATE, CENTERED DIRECTLY BELOW THE PLANNED TIE-IN LOCATION. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL TRANSITION MEMBRANE WITH 2" HAND ROLLER.
- 2: INSTALL SINGLE-PLY ROOF MEMBRANE FOLLOWING APPLICABLE INSTALLATION INSTRUCTIONS ENSURING MEMBRANE BUTTS TO THE PREVIOUSLY INSTALLED CCW 705 OR 705FR-A TRANSITION MEMBRANE.
- 3: APPLY A CONTINUOUS BEAD OF CCW BARRIBOND OR LM-800XL DETAIL SEALANT AT TRANSITION MEMBRANE STEP-OFF WHERE BARRITECH OR BARRISEAL WILL BE APPLIED. BEAD SHALL BE TOOLED TO A MINIMUM OF 1" (26mm) WIDE BY 40 MILS THICK AND ALLOWED TO DRY ACCORDING TO INSTALLATION INSTRUCTIONS.
- 4: APPLY CCW BARRITECH, BARRISEAL OR BARRITHANE ON THE WALL, CONTINUING IT 2" (51mm) ONTO CCW 705 OR 705FR-A TRANSITION MEMBRANE.
- 5: AT REMAINING TRANSITION MEMBRANE STEP-OFF, APPLY APPLICABLE SINGLE-PLY MEMBRANE PRIMER 3" (76mm) ON TO THE FACE OF THE CCW 705 TRANSITION MEMBRANE AS WELL AS 3" (76mm) ON TO THE EPDM OR TPO. ALLOW PRIMER TO FLASH OFF ACCORDING TO SPECIFIC PRIMER INSTALLATION INSTRUCTIONS.
- 6: INSTALL A MINIMUM 6" (153mm) WIDE UNCURED EPDM PRESSURE SENSITIVE FLASHING OVER PRIMED BUTT JOINT, ENSURING COVERSTRIP IS CENTERED, EXTENDING A MINIMUM OF 3" (76mm) ON TO BOTH THE CCW 705 TRANSITION MEMBRANE AND THE EPDM/TPO ROOF MEMBRANE. REMOVE RELEASE LINER AND PRESS INTO PLACE. ONCE IN PLACE, ROLL ENTIRE TIE-IN WITH 2" HAND ROLLER TO ENSURE FULL ADHESION.



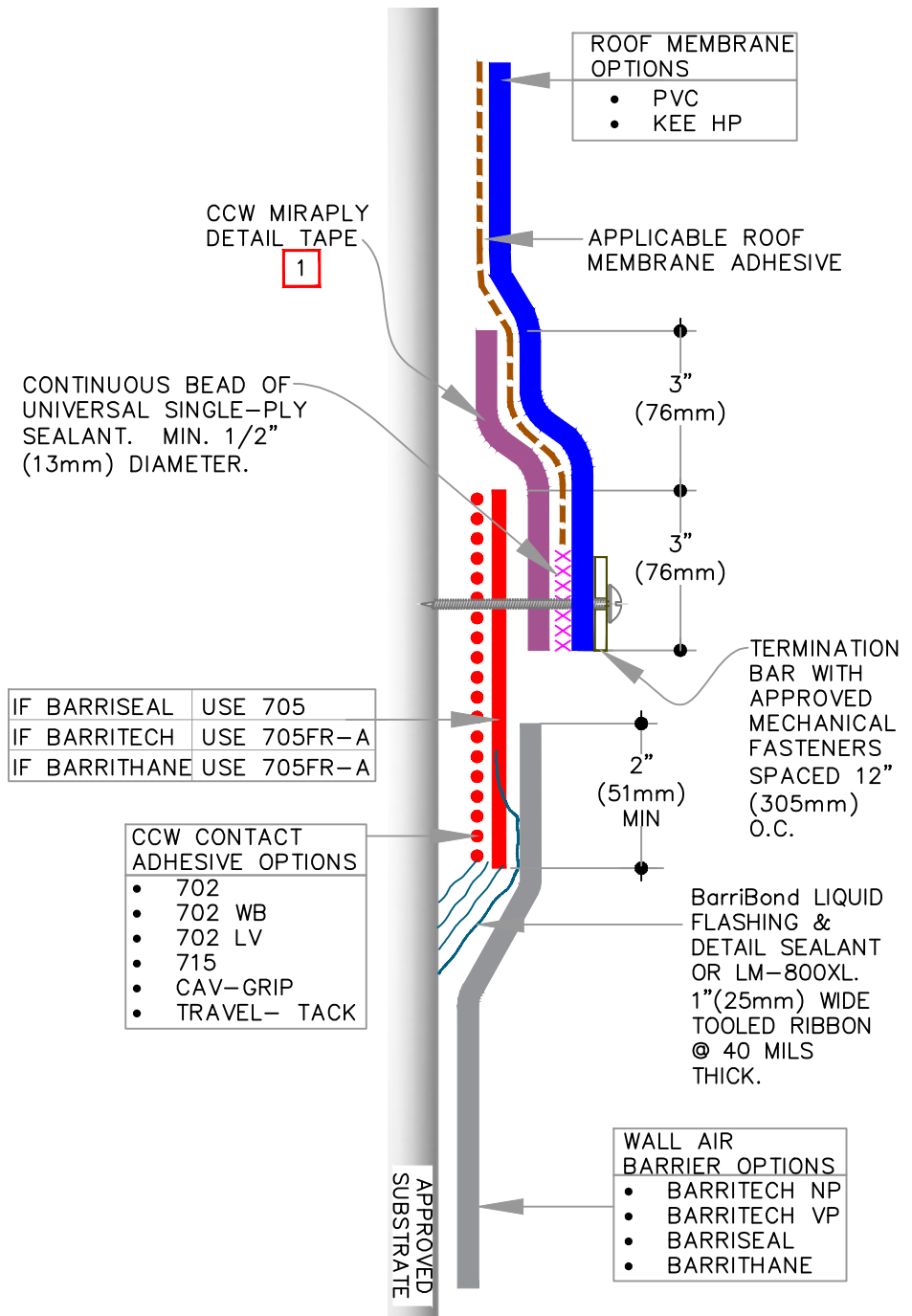
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		EPDM OR TPO	BARRITECH, BARRISEAL OR BARRITHANE	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

# NVELOP TIE-IN DETAILS

## INSTALLATION STEPS:

- 1: INSTALL A MINIMUM OF 6" (153mm) WIDE STRIP OF CCW 705 OR 705FR-A OVER PRIMED SUBSTRATE, CENTERED DIRECTLY BELOW THE PLANNED TIE-IN LOCATION. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL TRANSITION MEMBRANE WITH 2" HAND ROLLER.
- 2: APPLY A CONTINUOUS BEAD OF CCW BARRIBOND OR LM-800XL DETAIL SEALANT AT TRANSITION MEMBRANE STEP-OFF WHERE BARRITECH OR BARRISEAL WILL BE INSTALLED. BEAD SHALL BE TOOLED TO A MINIMUM OF 1" (26mm) WIDE BY 40 MILS THICK AND ALLOWED TO DRY ACCORDING TO INSTALLATION INSTRUCTIONS.
- 3: APPLY CCW BARRITECH, BARRISEAL OR BARRITHANE ON THE WALL, CONTINUING IT 2" (51mm) ONTO TRANSITION MEMBRANE.
- 4: AT REMAINING TRANSITION MEMBRANE STEP-OFF, INSTALL CCW MIRAPLY DETAIL TAPE. DETAIL TAPE SHALL BE CENTERED OVER 705 TRANSITION MEMBRANE SO THAT 3" (76mm) IS ON THE 705/705FR-A AND THE REMAINING 3" (76mm) EXTENDS BEYOND STEP-OFF, ON TO SUBSTRATE. NOTE: TAPE DOES NOT REQUIRE PRIMER FOR ADHESION BUT MEMBRANE AND SUBSTRATE MUST BE CLEAN, WHICH MAY REQUIRE THE USE OF WEATHERED MEMBRANE CLEANER.
- 5: INSTALL PVC/KEE HP ROOF MEMBRANE, EXTENDING IT TO THE EDGE OF THE MIRAPLY DETAIL TAPE. CUT ROOF MEMBRANE AS STRAIGHT AS POSSIBLE TO HELP WITH ALIGNMENT OF TERMINATION BAR. ROLL OVERLAP WITH 2" HAND ROLLER TO ENSURE FULL ADHESION. ENSURE THE LAST 1" (26mm) OF THE ROOF MEMBRANE IS NOT ADHERED TO ALLOW APPLICATION OF UNIVERSAL SINGLE-PLY SEALANT HIGHLIGHTED IN STEP 6.
- 6: APPLY A CONTINUOUS BEAD OF UNIVERSAL SINGLE-PLY SEALANT A MINIMUM OF 1/2" (13MM) IN DIAMETER BETWEEN THE FACE OF THE MIRAPLY DETAIL TAPE AND UNDERSIDE OF THE PVC/KEE HP MEMBRANE. SEALANT SHALL BE APPLIED DIRECTLY IN LINE WITH PLANNED TERMINATION BAR LOCATION.
- 7: WHILE SEALANT IS STILL WET, INSTALL TERMINATION BAR OVER SINGLE-PLY MEMBRANE, SANDWICHING THE SEALANT BETWEEN ROOF MEMBRANE AND THE MIRAPLY DETAIL TAPE. TERMINATION BAR SHALL BE FASTENING WITH APPROVED FASTENERS AT A MINIMUM OF 12" (305mm) ON CENTER. FASTENERS SHALL PENETRATE THROUGH THE SEALANT TO ENSURE A WATER AND AIR TIGHT SEAL.



## NOTES:

- 1 MIRAPLY DETAIL TAPE PREVENTS THE CONTACT OF ASPHALT ADHESIVE TO PVC/KEE HP MEMBRANE. PVC/KEE HP MUST NOT EXTEND PAST THE END OF THE MIRAPLY DETAIL TAPE.

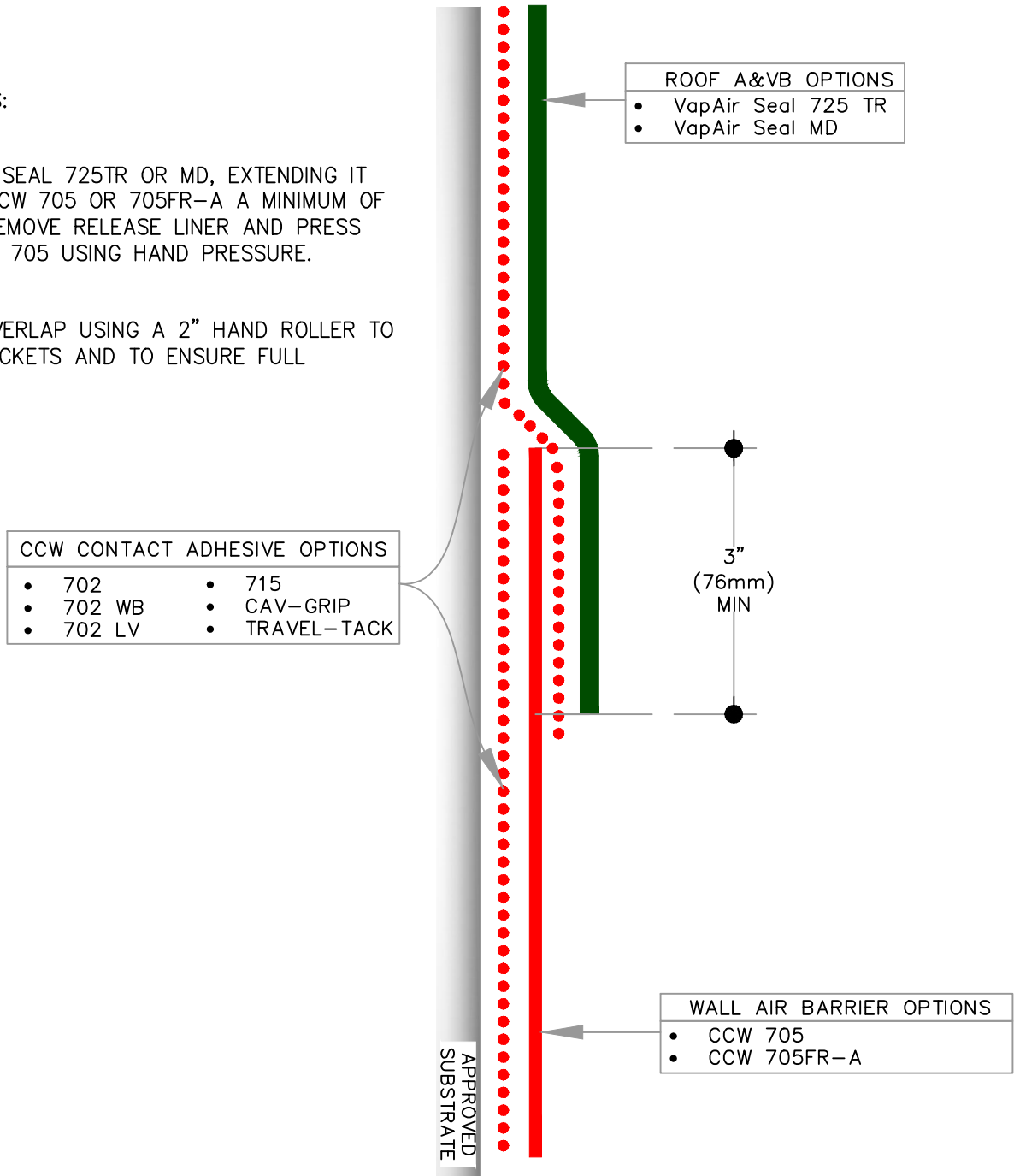
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	<p>0 REFER TO NOTES</p>	<p><b>ROOF BARRIERS:</b></p> <p>PVC OR KEE HP</p>	<p><b>WALL BARRIERS:</b></p> <p>BARRITECH, BARRISEAL OR BARRITHANE</p>	<p>1.6</p>
		<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>		




INSTALLATION STEPS:

1. INSTALL VapAir SEAL 725TR OR MD, EXTENDING IT OVER PRIMED CCW 705 OR 705FR-A A MINIMUM OF 3" (76mm). REMOVE RELEASE LINER AND PRESS VapAir SEAL TO 705 USING HAND PRESSURE.
2. ROLL ENTIRE OVERLAP USING A 2" HAND ROLLER TO REMOVE AIR POCKETS AND TO ENSURE FULL ADHESION

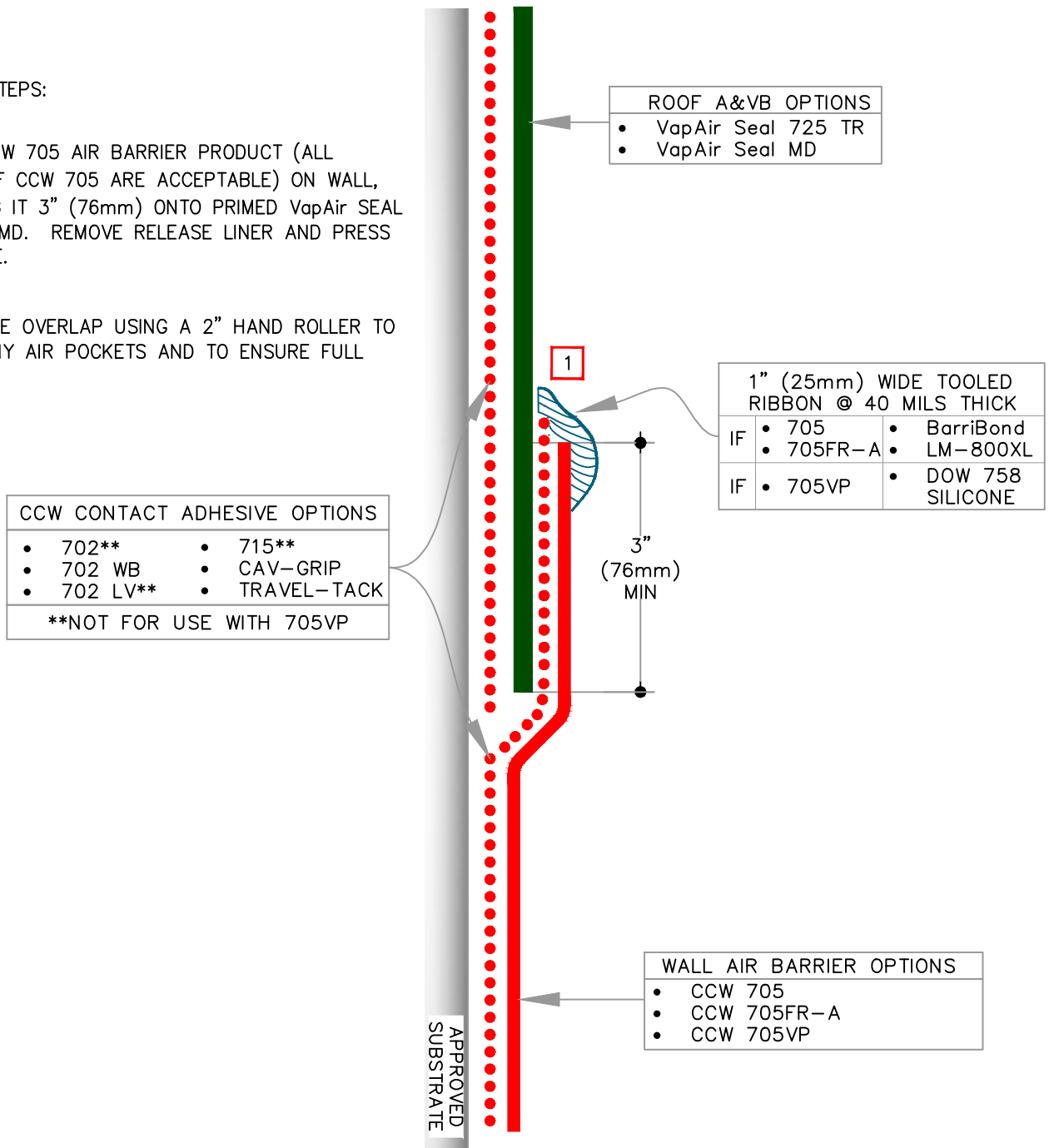


THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 4.

	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	ROOF BARRIERS:	WALL BARRIERS:	1.7
		VapAir SEAL 725TR OR MD	705 OR 705FR-A	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

INSTALLATION STEPS:


- 1: INSTALL CCW 705 AIR BARRIER PRODUCT (ALL OPTIONS OF CCW 705 ARE ACCEPTABLE) ON WALL, CONTINUING IT 3" (76mm) ONTO PRIMED VapAir SEAL 725TR OR MD. REMOVE RELEASE LINER AND PRESS INTO PLACE.
- 2: ROLL ENTIRE OVERLAP USING A 2" HAND ROLLER TO REMOVE ANY AIR POCKETS AND TO ENSURE FULL ADHESION.

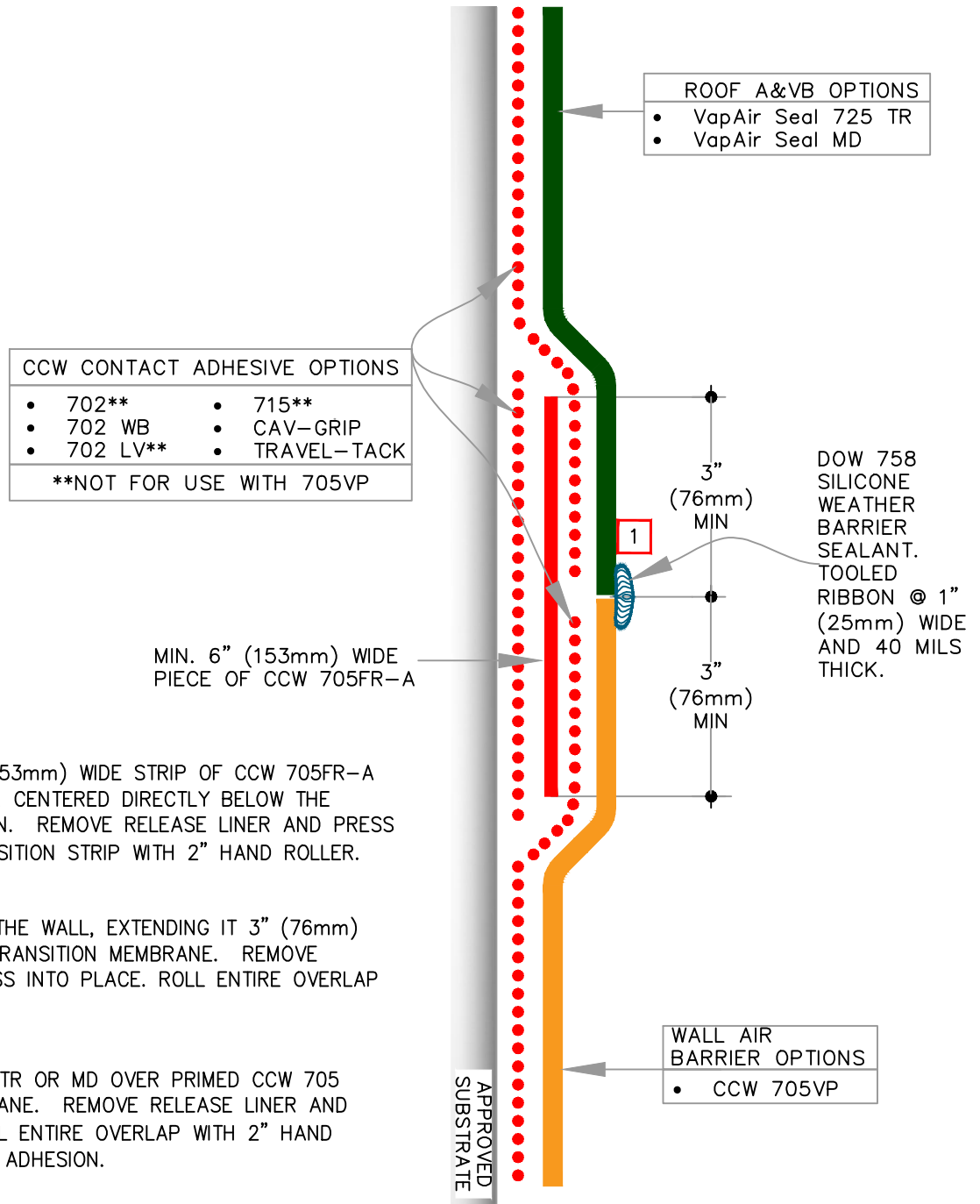


NOTES:

- 1 IF TIE-IN OCCURS ON A VERTICAL SURFACE, APPLY A CONTINUOUS BEAD OF SEALANT (SEE CHART ABOVE FOR OPTIONS) TOOLED TO 1" (25mm) WIDE BY 40 MILS THICK AT CCW 705 STEP-OFF TO PREVENT THE BUCKING OF WATER

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 4](#).

	<p>0 REFER TO NOTES</p>	<p>ROOF BARRIERS:</p> <p>VapAir SEAL 725TR OR MD</p>	<p>WALL BARRIERS:</p> <p>705, 705FR-A OR 705VP</p>	<p>1.8</p>
		<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>		




INSTALLATION STEPS:

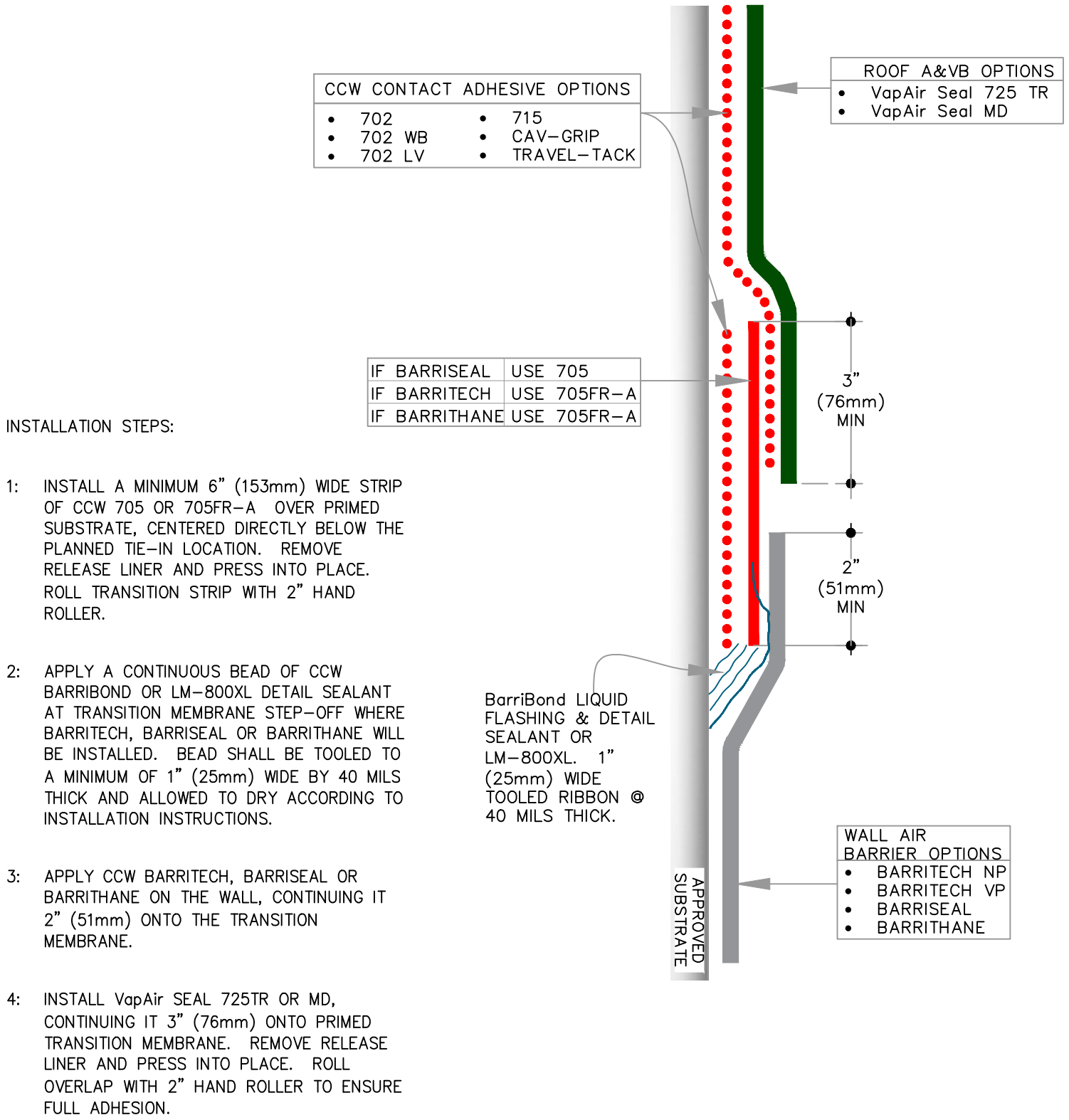
- 1: INSTALL A MINIMUM 6" (153mm) WIDE STRIP OF CCW 705FR-A OVER PRIMED SUBSTRATE, CENTERED DIRECTLY BELOW THE PLANNED TIE-IN LOCATION. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL TRANSITION STRIP WITH 2" HAND ROLLER.
- 2: INSTALL CCW 705VP ON THE WALL, EXTENDING IT 3" (76mm) ONTO PRIMED 705FR-A TRANSITION MEMBRANE. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL ENTIRE OVERLAP WITH 2" HAND ROLLER.
- 3: INSTALL VapAir SEAL 725TR OR MD OVER PRIMED CCW 705FR-A TRANSITION MEMBRANE. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL ENTIRE OVERLAP WITH 2" HAND ROLLER TO ENSURE FULL ADHESION.

NOTES:

- 1** IF TIE-IN OCCURS ON A VERTICAL SURFACE, APPLY A CONTINUOUS BEAD OF DOW 758 SILICONE WEATHER BARRIER SEALANT AT BUTT JOINT TO PREVENT THE BUCKING OF WATER. BEAD SHOULD BE TOOLED TO A MINIMUM OF 1" (25mm) WIDE BY 40 MILS THICK.

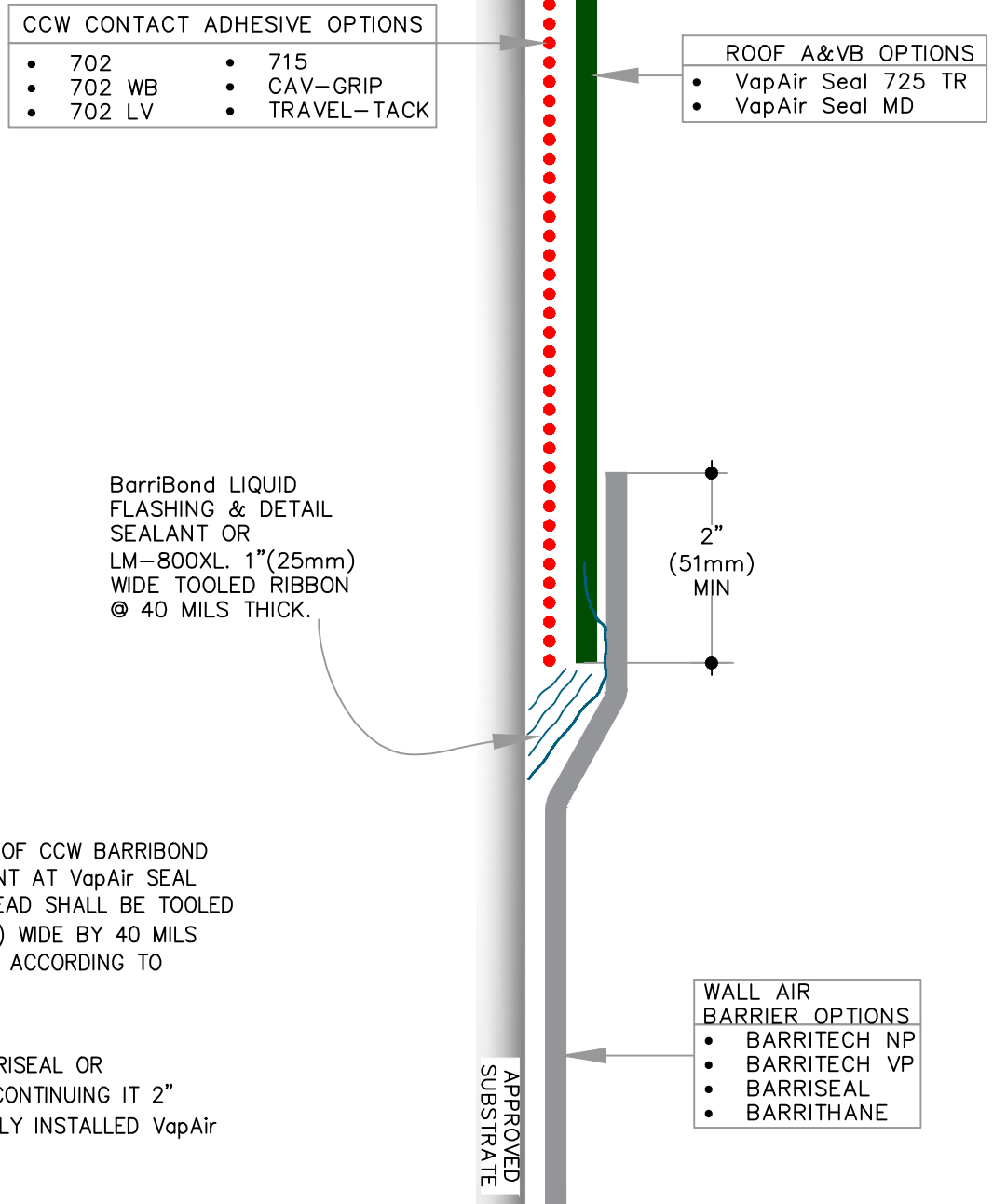
THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 4.

	<p><b>0</b></p> <p>REFER TO NOTES</p>	<p>ROOF BARRIERS:</p> <p>VapAir SEAL 725TR OR MD</p>	<p>WALL BARRIERS:</p> <p>705VP</p>	<p>1.9</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			



THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 4](#).


	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	<b>ROOF BARRIERS:</b>	<b>WALL BARRIERS:</b>	1.10
		VapAir SEAL 725TR OR MD	BARRITECH, BARRISEAL OR BARRITHANE	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

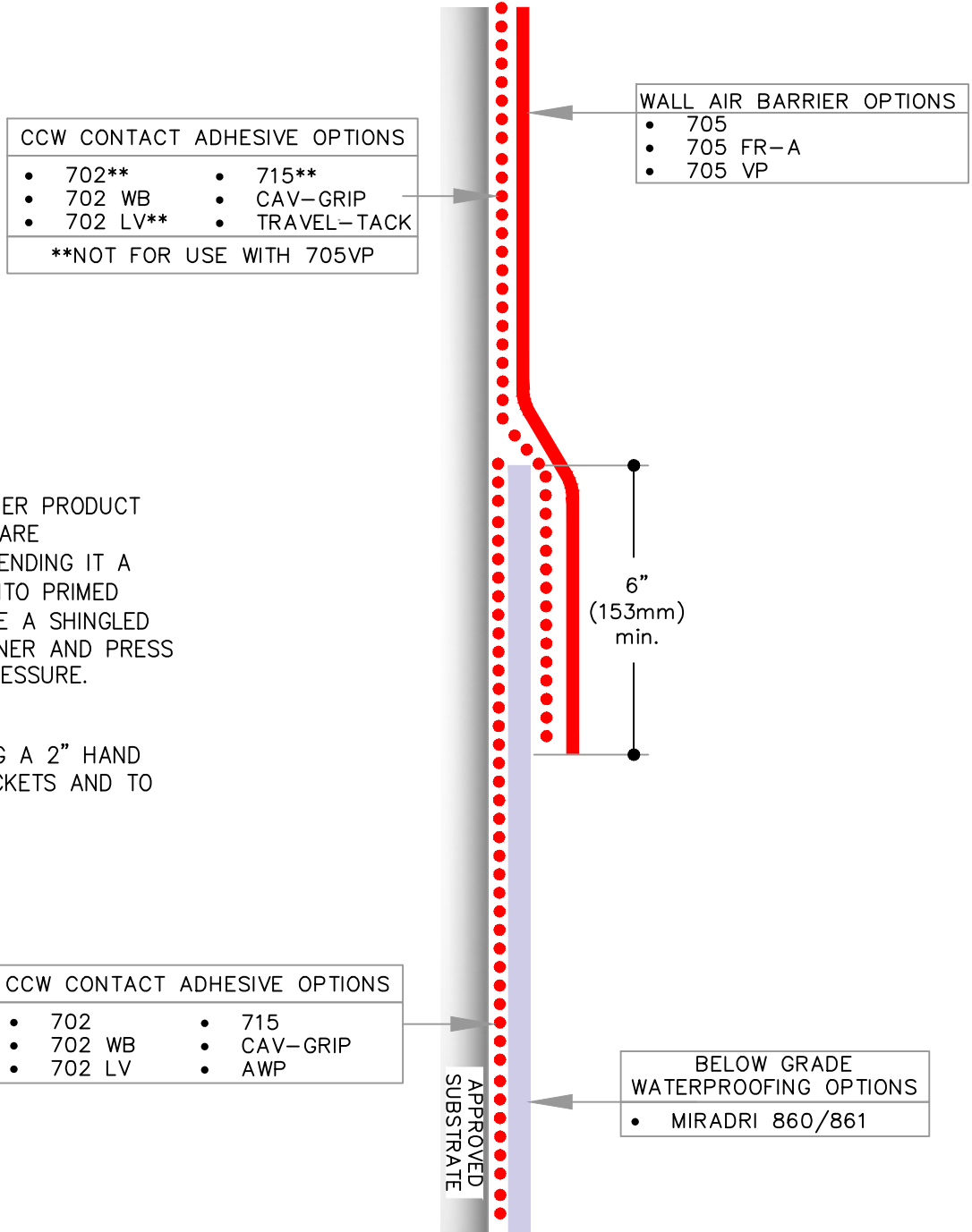


INSTALLATION STEPS:

- 1: APPLY A CONTINUOUS BEAD OF CCW BARRIBOND OR LM-800XL DETAIL SEALANT AT VapAir SEAL 725TR OR MD STEP OFF. BEAD SHALL BE TOOLED TO A MINIMUM OF 1" (25mm) WIDE BY 40 MILS THICK AND ALLOWED TO DRY ACCORDING TO INSTALLATION INSTRUCTIONS.
- 2: APPLY CCW BARRITECH, BARRISEAL OR BARRITHANE ON THE WALL, CONTINUING IT 2" (51mm) ONTO THE PREVIOUSLY INSTALLED VapAir SEAL PRODUCT.

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 4](#).

	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	ROOF BARRIERS:	WALL BARRIERS:	1.11
		VapAir SEAL 725TR OR MD	BARRITECH, BARRISEAL OR BARRITHANE	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



INSTALLATION STEPS:

1. INSTALL CCW 705 AIR BARRIER PRODUCT (ALL OPTIONS OF CCW 705 ARE ACCEPTABLE) ON WALL, EXTENDING IT A MINIMUM OF 6" (153mm) ONTO PRIMED MIRADRI 860/861 TO CREATE A SHINGLED JOINT. REMOVE RELEASE LINER AND PRESS INTO PLACE USING HAND PRESSURE.
2. ROLL ENTIRE OVERLAP USING A 2" HAND ROLLER TO REMOVE AIR POCKETS AND TO ENSURE FULL ADHESION.

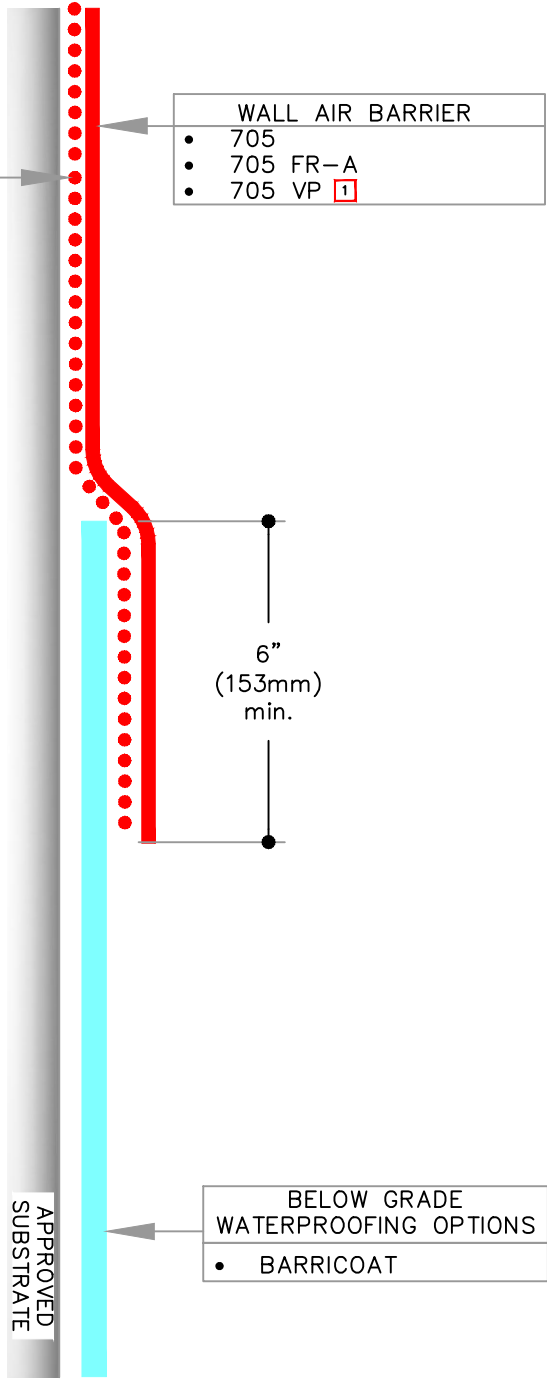
CCW CONTACT ADHESIVE OPTIONS	
• 702	• 715
• 702 WB	• CAV-GRIP
• 702 LV	• AWP

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 5.](#)

	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	<b>WALL BARRIERS:</b> 705, 705FR-A OR 705VP	<b>BELOW GRADE BARRIERS:</b> MIRADRI 860/861	2.1
		REFER TO SPECS FOR ADDITIONAL INFORMATION		

CCW CONTACT ADHESIVE OPTIONS	
• 702**	• 715**
• 702 WB	• CAV-GRIP
• 702 LV**	• TRAVEL-TACK
**NOT FOR USE WITH 705VP	

WALL AIR BARRIER
• 705
• 705 FR-A
• 705 VP <span style="border: 1px solid red; padding: 0 2px;">1</span>




INSTALLATION STEPS:

1. INSTALL CCW 705 AIR BARRIER PRODUCT (ALL OPTIONS OF CCW 705 ARE ACCEPTABLE) ON WALL, EXTENDING IT A MINIMUM OF 6" (153mm) ONTO PRIMED BARRICOAT TO CREATE A SHINGLED JOINT. REMOVE RELEASE LINER AND PRESS INTO PLACE USING HAND PRESSURE.
2. ROLL ENTIRE OVERLAP USING A 2" HAND ROLLER TO REMOVE AIR POCKETS AND TO ENSURE FULL ADHESION.

NOTES:

- 1 IF USING 705VP ON THE WALL, BARRICOAT NEEDS TO BE FULLY CURED PRIOR TO INSTALLATION. BARRICOAT CAN NOT TOUCH THE FABRIC (FACE) SIDE OF THE 705VP.

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 5.](#)

	<span style="border: 1px solid red; padding: 0 2px;">0</span> REFER TO NOTES	<b>WALL BARRIERS:</b> 705, 705FR-A OR 705VP	<b>BELOW GRADE BARRIERS:</b> BARRICOAT	2.2
	REFER TO SPECS FOR ADDITIONAL INFORMATION			

CCW CONTACT ADHESIVE OPTIONS	
• 702**	• 715**
• 702 WB	• CAV-GRIP
• 702 LV**	• TRAVEL-TACK
**NOT FOR USE WITH 705VP	

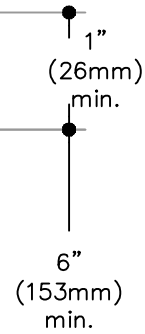
WALL AIR BARRIER OPTIONS
• 705
• 705 FR-A
• 705 VP

INSTALLATION STEPS:

1. APPLY 30 MILS OF CCW 703V LIQUISEAL OVER PREVIOUSLY INSTALLED CCW MIRASEAL WATERPROOFING SYSTEM. 703V LIQUISEAL MUST BE APPLIED A MINIMUM OF 6" (153mm) OVER THE MIRASEAL AND CONTINUED ONTO THE SUBSTRATE A MINIMUM OF 1" (26mm).
2. INSTALL CCW 705 AIR BARRIER PRODUCT (ALL OPTIONS ARE ACCEPTABLE) ON WALL, EXTENDING IT A MINIMUM OF 6" (153mm) ONTO THE PREVIOUSLY INSTALLED AND CURED CCW 703V LIQUISEAL. REMOVE RELEASE LINER AND PRESS INTO PLACE USING HAND PRESSURE. ROLL OVERLAP USING A 2" HAND ROLLER.
3. AT 705/703V LIQUISEAL STEP-OFF, APPLY A CONTINUOUS BEAD OF SEALANT (SEE CHART ABOVE FOR SEALANT OPTIONS) TOOLED TO A MINIMUM OF 1" (26mm) WIDE BY 40 MILS THICK. ALLOW TO DRY ACCORDING TO SPECIFIC PRODUCT INSTALLATION INSTRUCTIONS

30 MILS OF CCW 703V LIQUISEAL

1



1" (25mm) WIDE TOOLED RIBBON @ 40 MILS THICK	
IF	• 705 • BarriBond
	• 705FR-A • LM-800XL
IF	• 705VP • DOW 758 SILICONE

APPROVED SUBSTRATE

BELOW GRADE WATERPROOFING OPTIONS
• MIRASEAL SYSTEM

NOTES:

1 DETAIL REQUIRES THE USE OF TRANSITION MATERIAL CONSISTING OF CCW 703V LIQUISEAL. 705 PRODUCTS ARE NOT PERMITTED FOR DIRECT CONTACT WITH CCW MIRASEAL.

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 5.

	<p>0 REFER TO NOTES</p>	<p>WALL BARRIERS:</p> <p>705, 705FR-A OR 705VP</p>	<p>BELOW GRADE BARRIERS:</p> <p>MIRASEAL</p>	<p>2.3</p>
		<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>		



INSTALLATION STEPS:

1. APPLY A CONTINUOUS BEAD OF CCW BARRIBOND OR LM-800XL DETAIL SEALANT AT MIRADRI 860/861 STEP OFF WHERE BARRITECH OR BARRISEAL WILL BE APPLIED. BEAD SHALL BE CONTINUOUS, AND TOOLED TO A MINIMUM OF 1" (25mm) WIDE BY 40 MILS THICK AND ALLOWED TO DRY ACCORDING TO INSTALLATION INSTRUCTIONS.
2. APPLY BARRITECH, BARRISEAL OR BARRITHANE ON THE WALL, CONTINUING IT A MINIMUM OF 6" (153mm) ONTO THE MIRADRI 860/861.

BARRIBOND LIQUID FLASHING & DETAIL SEALANT OR LM-800XL, 1" (25mm) WIDE TOOLED RIBBON @ 40 MILS THICK.

- WALL AIR BARRIER OPTIONS
- BARRITECH NP
  - BARRITECH VP
  - BARRISEAL
  - BARRITHANE


6" (153mm) min.

- CCW CONTACT ADHESIVE OPTIONS
- 702
  - 702 WB
  - 702 LV
  - 715
  - CAV-GRIP
  - AWP

- BELOW GRADE WATERPROOFING OPTIONS
- MIRADRI 860/861

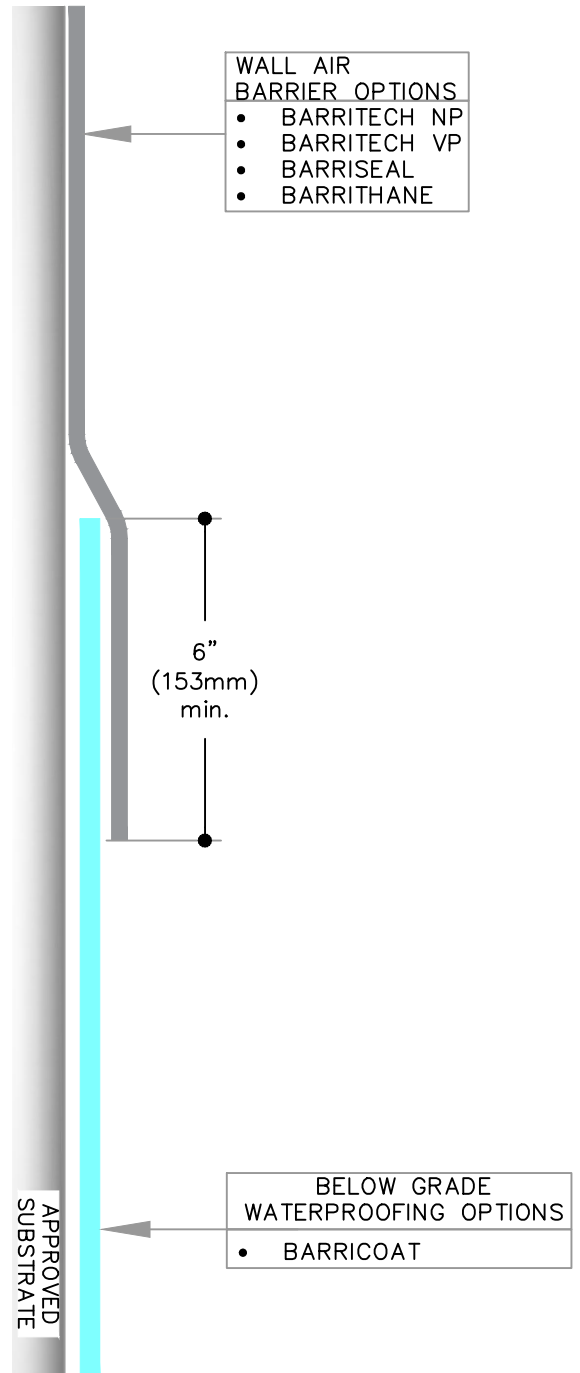
APPROVED SUBSTRATE

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 5.


	<p>0 REFER TO NOTES</p>	<p>WALL BARRIERS:</p> <p>BARRITECH, BARRISEAL OR BARRITHANE</p>	<p>BELOW GRADE BARRIERS:</p> <p>MIRADRI 860/861</p>	<p>2.4</p>
		<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>		

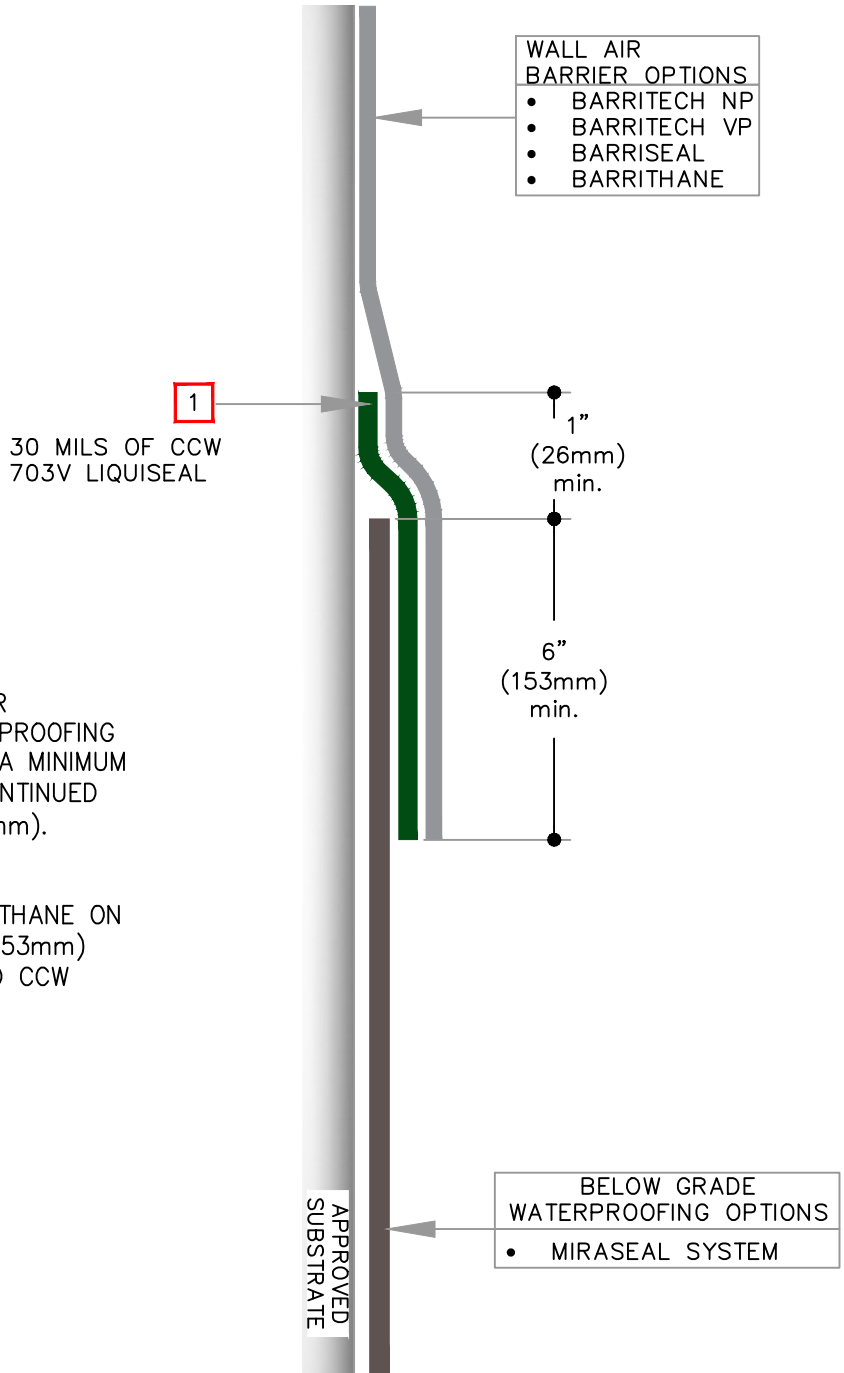
INSTALLATION STEPS:

1. APPLY CCW BARRITECH, BARRISEAL OR BARRITHANE AIR BARRIER PRODUCT ON WALL AND CONTINUE IT A MINIMUM OF 6" (153mm) OVER PREVIOUSLY INSTALLED CCW BARRICOAT.



THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 5.](#)

	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	WALL BARRIERS: BARRITECH, BARRISEAL OR BARRITHANE	BELOW GRADE BARRIERS:  BARRICOAT	2.5
		REFER TO SPECS FOR ADDITIONAL INFORMATION		



INSTALLATION STEPS:

1. APPLY 30 MILS OF CCW 703V LIQUISEAL OVER PREVIOUSLY INSTALLED CCW MIRASEAL WATERPROOFING SYSTEM. 703V LIQUISEAL MUST BE APPLIED A MINIMUM OF 6" (153mm) OVER THE MIRASEAL AND CONTINUED ONTO THE SUBSTRATE A MINIMUM OF 1" (26mm).
2. APPLY CCW BARRITECH, BARRISEAL OR BARRITHANE ON THE WALL, EXTENDING IT A MINIMUM OF 6" (153mm) ONTO THE PREVIOUSLY INSTALLED AND CURED CCW 703V LIQUISEAL.

NOTES:

- 1** DETAIL REQUIRES THE USE OF TRANSITION MATERIAL CONSISTING OF CCW 703V LIQUISEAL. 705 PRODUCTS ARE NOT PERMITTED FOR DIRECT CONTACT WITH CCW MIRASEAL.

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 5.](#)

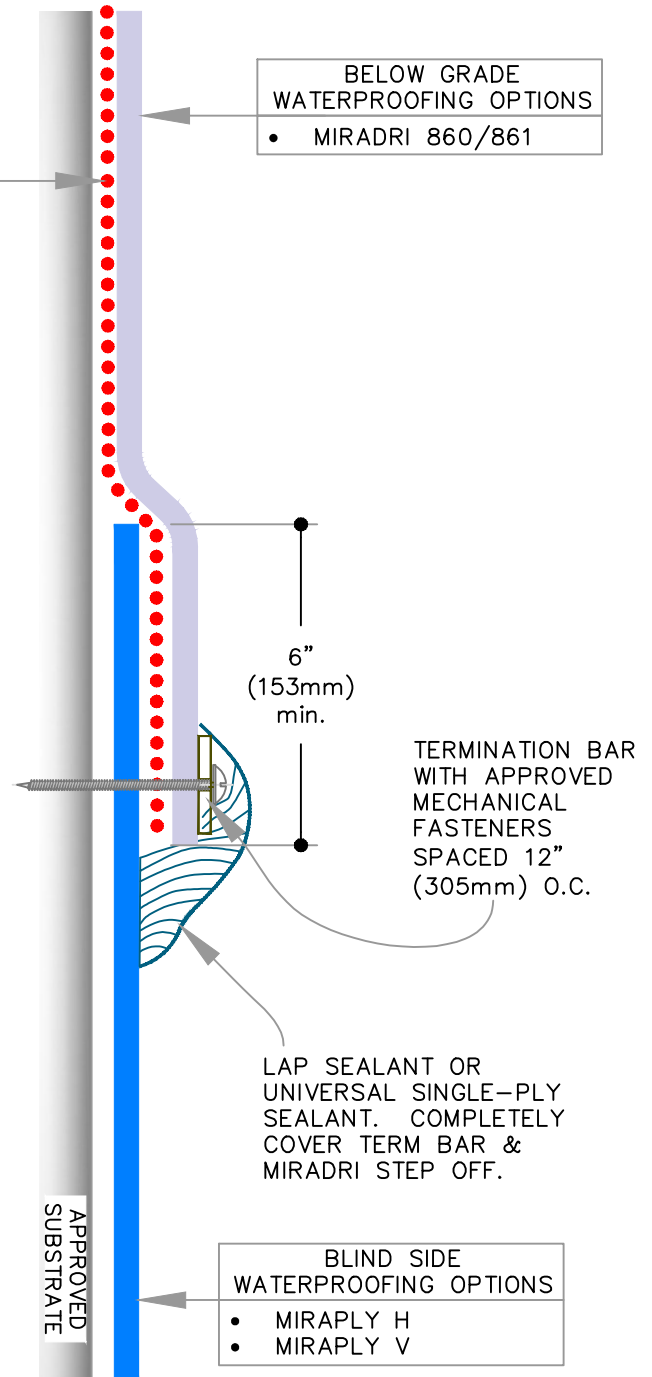
	<p><b>0</b> REFER TO NOTES</p>	<p>WALL BARRIERS:</p> <p>BARRITECH, BARRISEAL OR BARRITHANE</p>	<p>BELOW GRADE BARRIERS:</p> <p>MIRASEAL</p>	<p>2.6</p>
		<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>		

CCW CONTACT ADHESIVE OPTIONS	
• 702	• 715
• 702 WB	• CAV-GRIP
• 702 LV	• AWP


BELOW GRADE WATERPROOFING OPTIONS
• MIRADRI 860/861

INSTALLATION STEPS:

1. INSTALL MIRADRI 860/861 ON THE FOUNDATION WALL, EXTENDING IT OVER PRIMED MIRAPLY A MINIMUM OF 6" (153mm). REMOVE RELEASE LINER AND PRESS INTO PLACE USING HAND PRESSURE. ROLL OVERLAP USING A 2" HAND ROLLER TO ENSURE FULL ADHESION.
2. FASTEN TERMINATION BAR OVER CCW MIRADRI 860/861 USING APPROVED FASTENERS SPACED 12" (305mm) ON CENTER. MIRADRI SHALL EXTEND COMPLETELY BELOW THE TERMINATION BAR TO ENSURE A TOTAL COMPRESSION SEAL BETWEEN IT AND THE MIRAPLY MEMBRANE
3. APPLY LAP SEALANT OR UNIVERSAL SINGLE-PLY SEALANT TO COMPLETELY COVER TERMINATION BAR AND FASTENERS, AND TOOLED TO CREATE A SMOOTH TRANSITION AT MIRADRI STEP-OFF.



THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 6.](#)

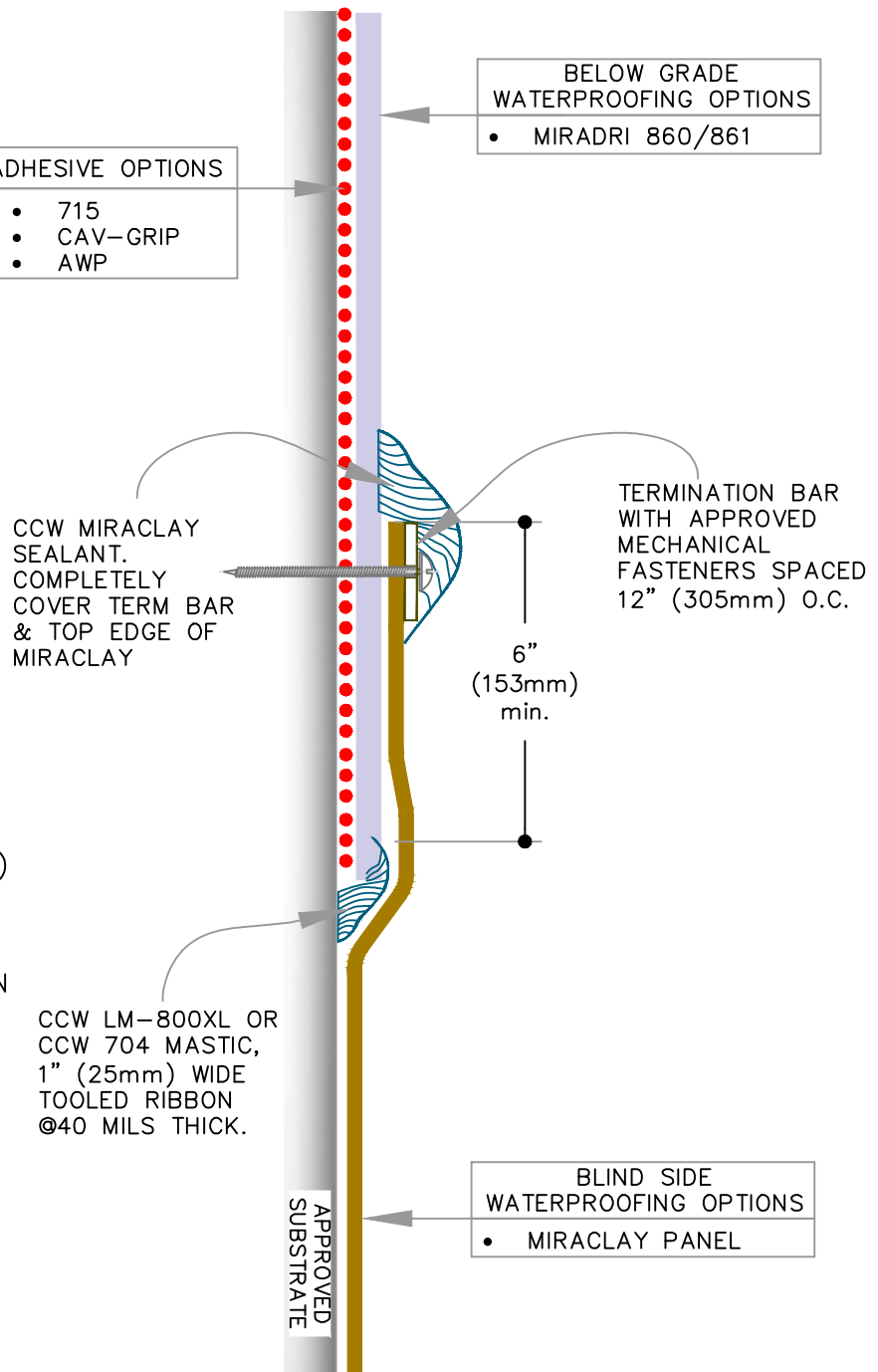
	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	3.1
		MIRADRI 860/861	MIRAPLY H OR V	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

INSTALLATION STEPS:

1. APPLY A CONTINUOUS BEAD OF CCW LM-800XL OR CCW 704 MASTIC AT MIRADRİ 860/861 STEP-OFF. MASTIC SHALL BE TOOLED TO A MINIMUM OF 1" WIDE AT 40 MILS THICK. ALLOW TO SET UP ACCORDING TO SPECIFIC PRODUCT INSTALLATION INSTRUCTIONS.
2. LAP MIRA CLAY PANEL ONTO THE MIRADRİ 860/861 A MINIMUM OF 6" (153mm).
3. USING TERMINATION BAR AND APPROVED MECHANICAL FASTENERS SPACED 12" (305mm) ON CENTER, SECURE MIRA CLAY PANEL IN PLACE. MIRA CLAY PANEL SHALL EXTEND COMPLETELY BELOW THE TERMINATION BAR TO ENSURE A TOTAL COMPRESSION SEAL BETWEEN IT AND THE MIRADRİ MEMBRANE.
4. APPLY MIRA CLAY SEALANT TO COMPLETELY COVER TERMINATION BAR AND FASTENERS, AND TOOLED TO CREATE A SMOOTH TRANSITION AT STEP-OFF.

CCW CONTACT ADHESIVE OPTIONS	
• 702	• 715
• 702 WB	• CAV-GRIP
• 702 LV	• AWP

BELOW GRADE WATERPROOFING OPTIONS
• MIRADRİ 860/861




CCW LM-800XL OR CCW 704 MASTIC, 1" (25mm) WIDE TOOLED RIBBON @40 MILS THICK.

CCW MIRA CLAY SEALANT. COMPLETELY COVER TERM BAR & TOP EDGE OF MIRA CLAY

TERMINATION BAR WITH APPROVED MECHANICAL FASTENERS SPACED 12" (305mm) O.C.

BLIND SIDE WATERPROOFING OPTIONS
• MIRA CLAY PANEL

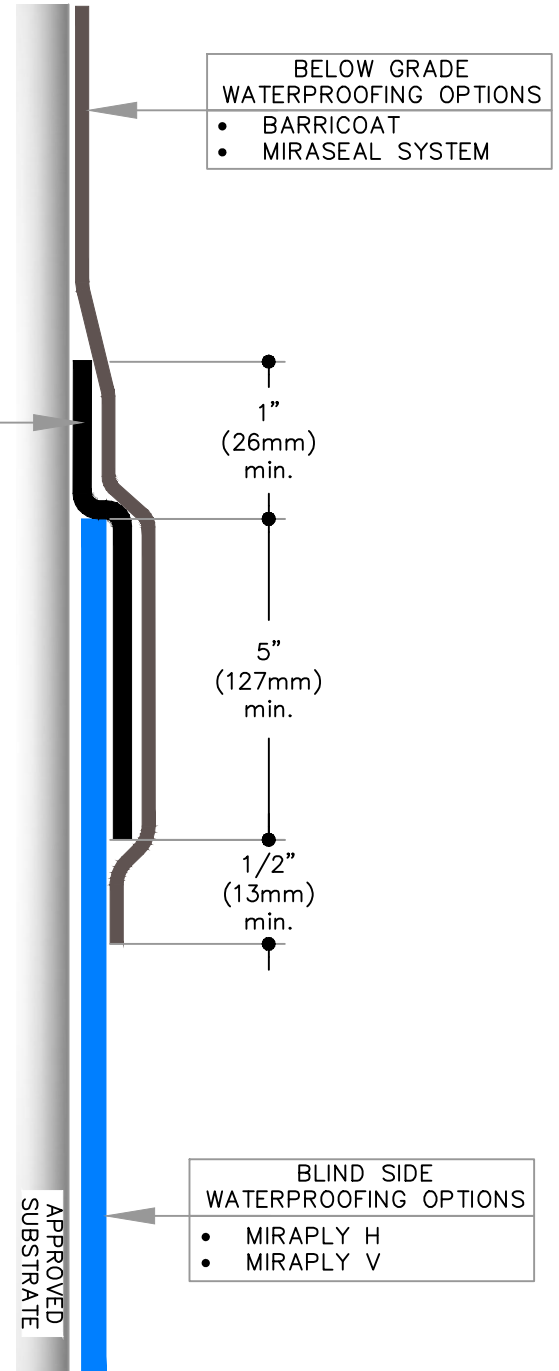
THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 6.

	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	3.2
		MIRADRİ 860/861	MIRA CLAY	
REFER TO SPECS FOR ADDITIONAL INFORMATION				


INSTALLATION STEPS:

1. APPLY 6" WIDE MIRAPLY SEAM TAPE AT STEP-OFF OF MIRAPLY MEMBRANE. TAPE SHALL EXTEND 5" (127mm) ONTO MIRAPLY AND 1" (26mm) ONTO SUBSTRATE TO CREATE A SMOOTH TRANSITION. NOTE: TAPE DOES NOT REQUIRE PRIMER FOR ADHESION BUT MEMBRANE MUST BE CLEAN, WHICH MAY REQUIRE THE USE OF WEATHERED MEMBRANE CLEANER.
2. APPLY BARRICOAT OR MIRASEAL, EXTENDING IT OVER THE MIRAPLY SEAM TAPE AND CONTINUING IT A MINIMUM OF 1/2" (13mm) ONTO THE MIRAPLY MEMBRANE.

MIRAPLY SEAM TAPE APPLIED TO CLEANED SEAM AREA



THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 6.

	<div style="border: 1px solid red; padding: 2px; display: inline-block;">0</div> REFER TO NOTES	BELOW GRADE BARRIERS: BARRICOAT OR MIRASEAL	BLIND SIDE BARRIERS: MIRAPLY H OR V	3.3
	REFER TO SPECS FOR ADDITIONAL INFORMATION			

INSTALLATION STEPS:

1. LAP MIRAFLAY PANEL ONTO CCW BARRICOAT OR MIRASEAL A MINIMUM OF 6" (153mm).
2. USING TERMINATION BAR AND APPROVED MECHANICAL FASTENERS SPECED 12" (305mm) ON CENTER, SECURE MIRAFLAY PANEL IN PLACE. MIRAFLAY PANEL SHALL EXTEND COMPLETELY BELOW THE TERMINATION BAR TO ENSURE A TOTAL COMPRESSION SEAL BETWEEN IT AND THE MIRADRI MEMBRANE.
3. APPLY MIRAFLAY SEALANT TO COMPLETELY COVER TERMINATION BAR AND FASTENERS, AND TO CREATE A SMOOTH TRANSITION AT STEP-OFF.

CCW MIRAFLAY SEALANT. COMPLETELY COVER TERM BAR & TOP EDGE OF MIRAFLAY

BELOW GRADE WATERPROOFING OPTIONS

- BARRICOAT
- MIRASEAL SYSTEM

TERMINATION BAR WITH APPROVED MECHANICAL FASTENERS SPACED 12" (305mm) O.C.


6" (153mm) min.

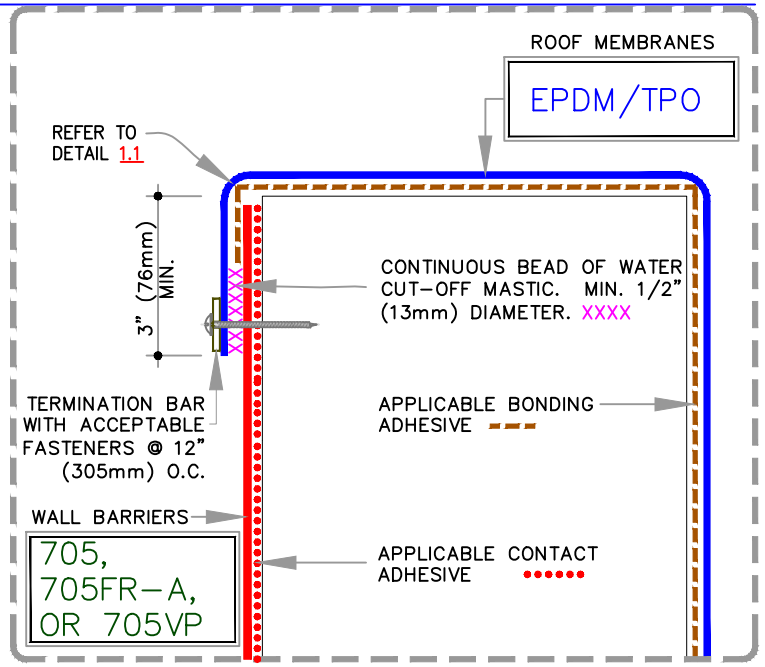
BLIND SIDE WATERPROOFING OPTIONS

- MIRAFLAY PANEL

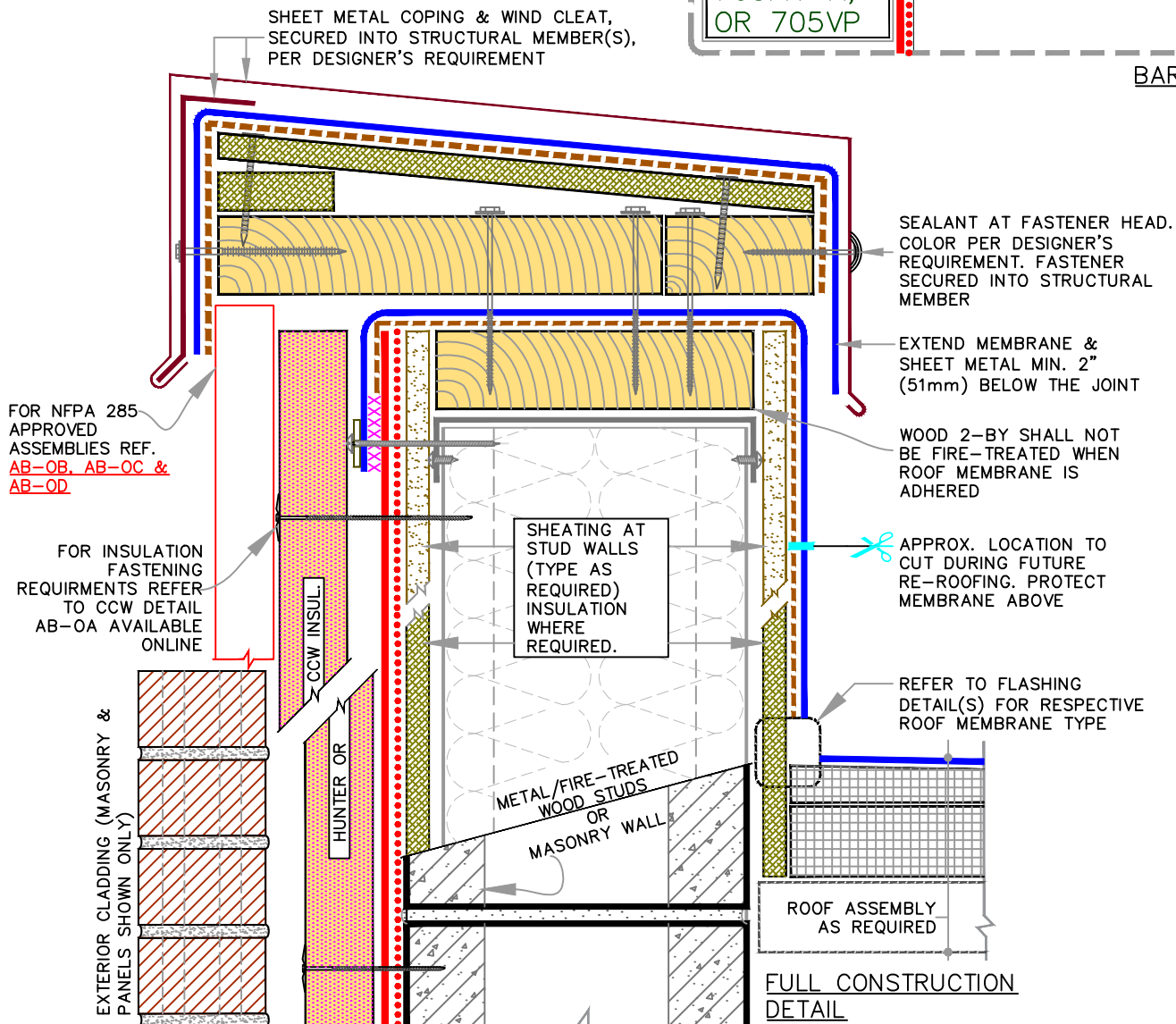
APPROVED SUBSTRATE

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 6.](#)

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		BARRICOAT OR MIRASEAL	MIRAFLAY	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

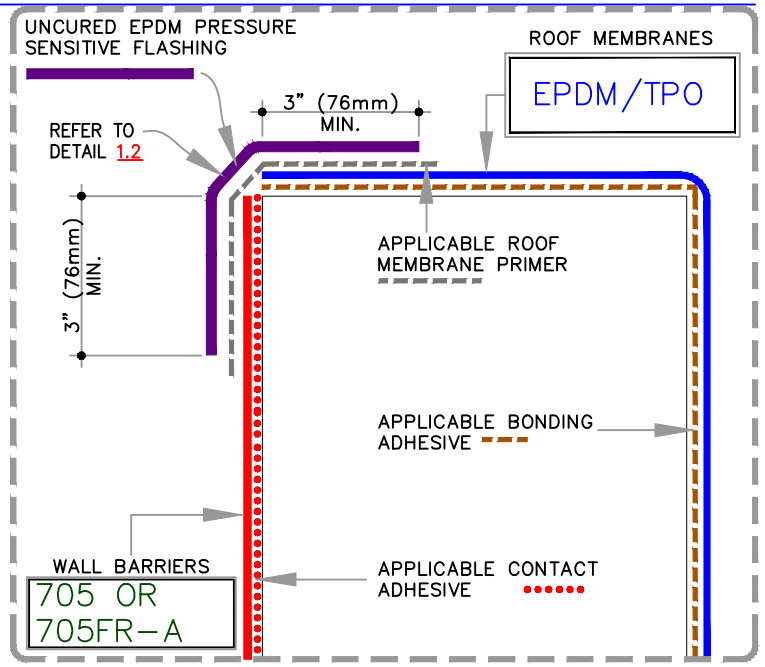


BARRIERS DETAIL

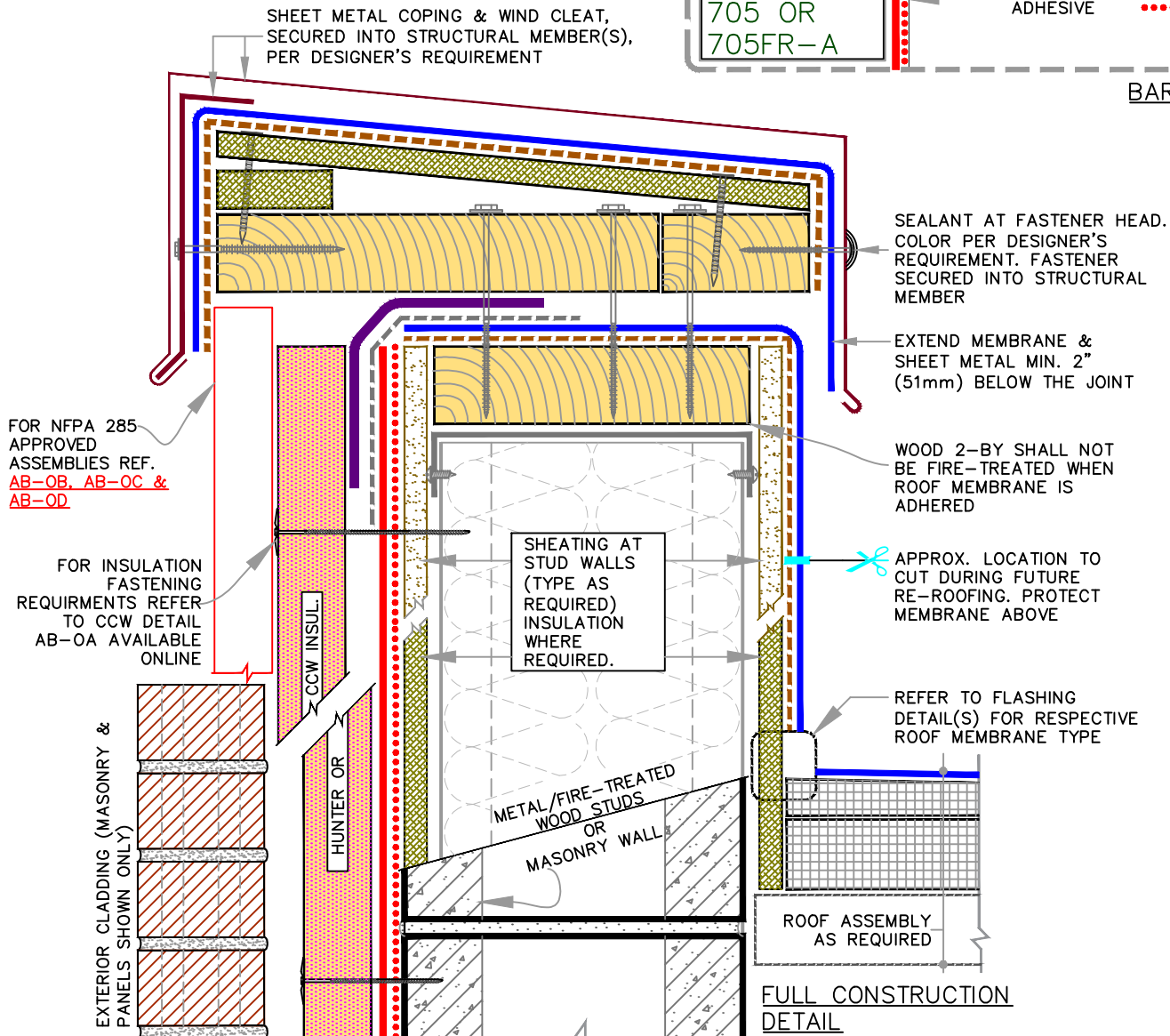


	0	ROOF BARRIERS:	WALL BARRIERS:	4.1
	REFER TO NOTES	EPDM OR TPO	705VP, 705 OR 705FR-A	
REFER TO SPECS FOR ADDITIONAL INFORMATION				






BARRIERS DETAIL

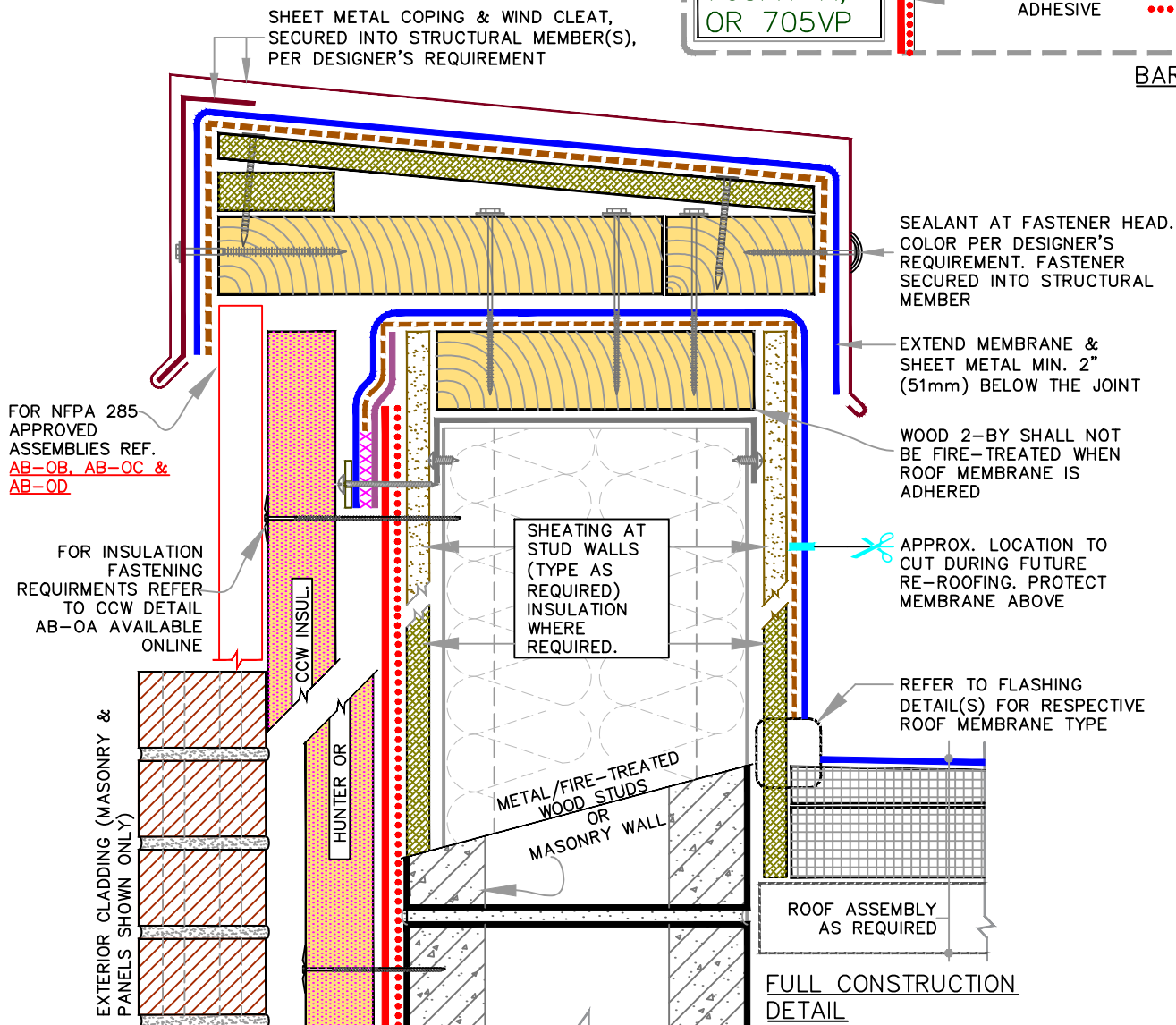
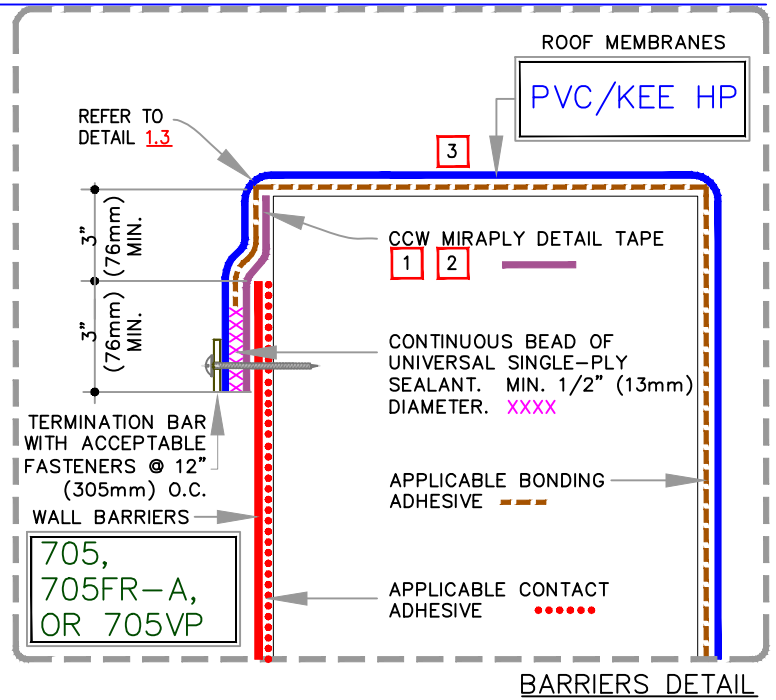



FULL CONSTRUCTION DETAIL

	0	ROOF BARRIERS:	WALL BARRIERS:	4.2
	REFER TO NOTES	EPDM OR TPO	705 OR 705FR-A	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

**NOTES:**

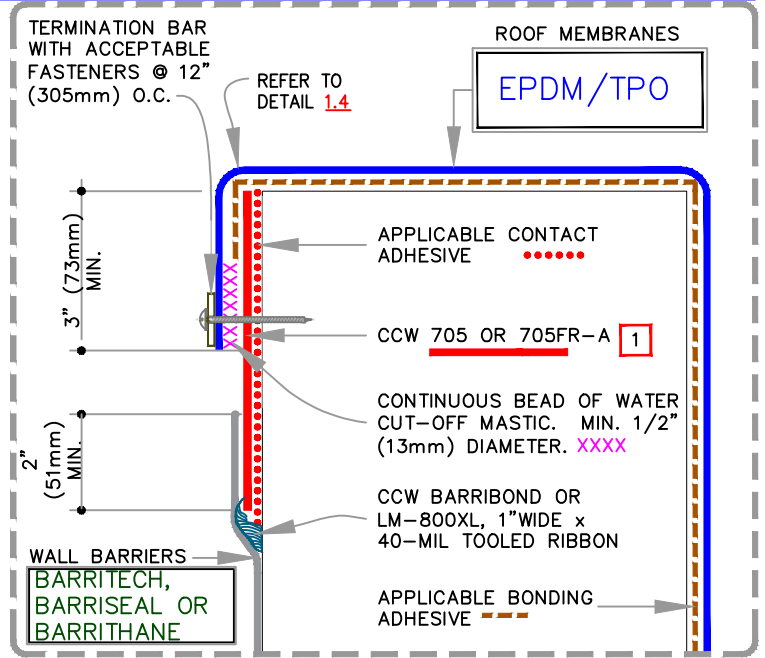
- 1** CCW MIRAPLY DETAIL TAPE TO COVER 705/705FR-A STEP-OFF. MUST EXTEND 1" (26mm) BEYOND 705/70FR-A STEP-OFF AND EXTEND COMPLETELY TO THE EDGE OF PVC/KEE HP MEMBRANE. MIRAPLY DETAIL TAPE MUST BE USED TO PREVENT CONTACT OF ASPHALT ADHESIVE TO PVC/KEE HP MEMBRANE.
- 2** CCW MIRAPLY DETAIL TAPE NOT NEEDED WHEN USING 705VP ON THE WALL.
- 3** PVC/KEE HP MEMBRANE MUST NOT EXTEND BEYOND THE END OF MIRAPLY DETAIL TAPE



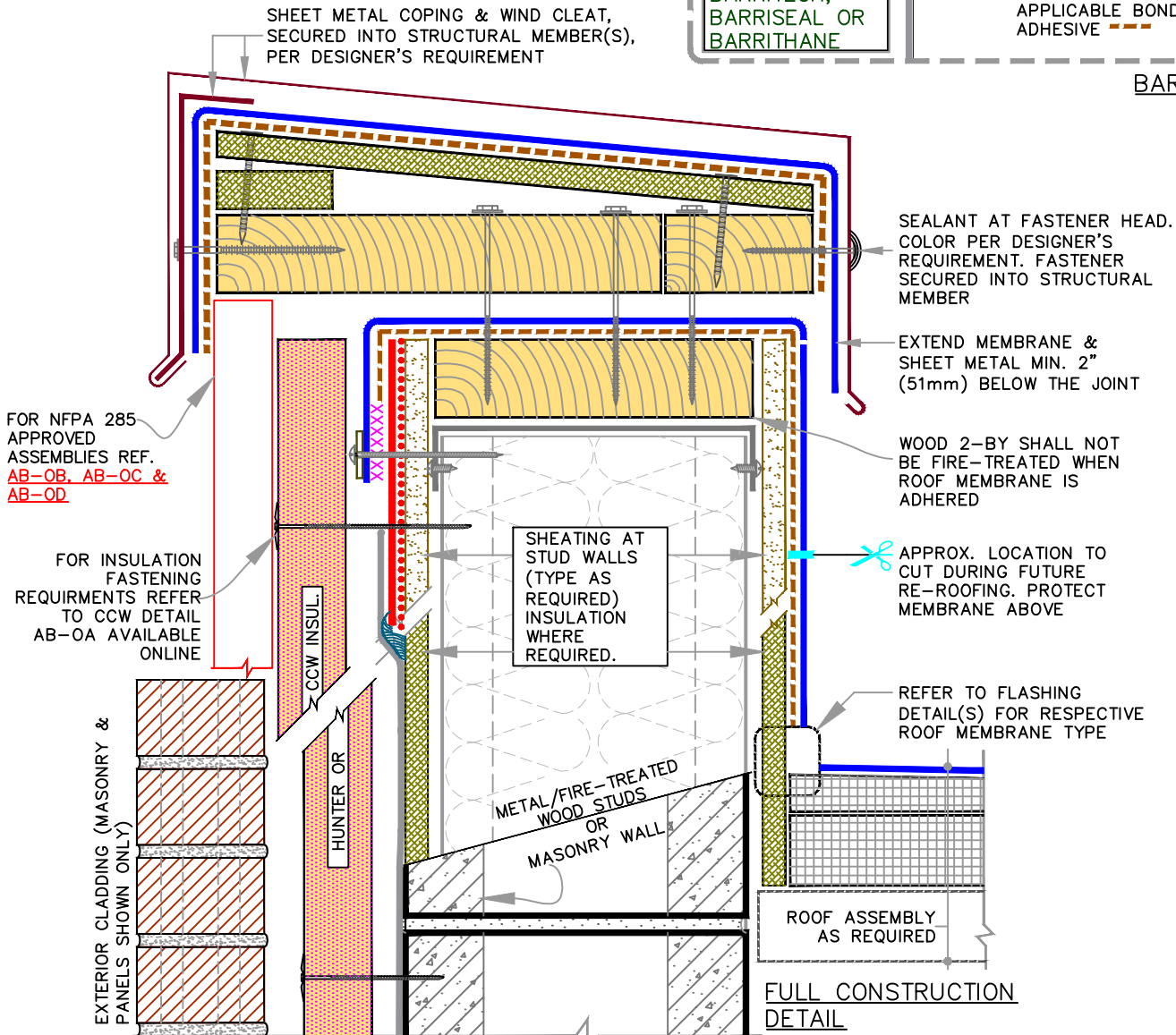
	<b>0</b>	<b>ROOF BARRIERS:</b>	<b>WALL BARRIERS:</b>	4.3
	REFER TO NOTES	PVC OR KEE HP	705, 705FR-A OR 705VP	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

NOTES:

<b>1</b>	IF BARRISEAL	USE 705
	IF BARRITECH	USE 705FR-A
	IF BARRITHANE	USE 705FR-A



BARRIERS DETAIL

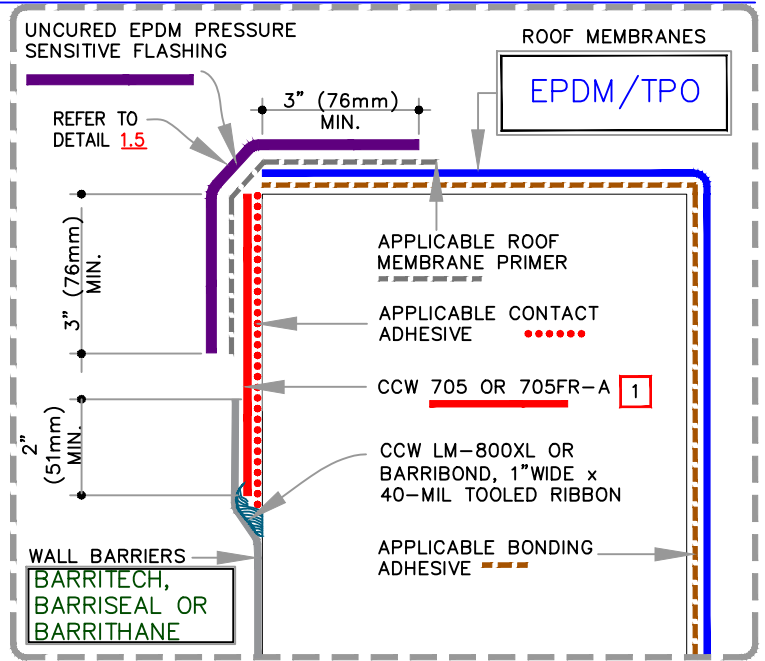


FULL CONSTRUCTION DETAIL

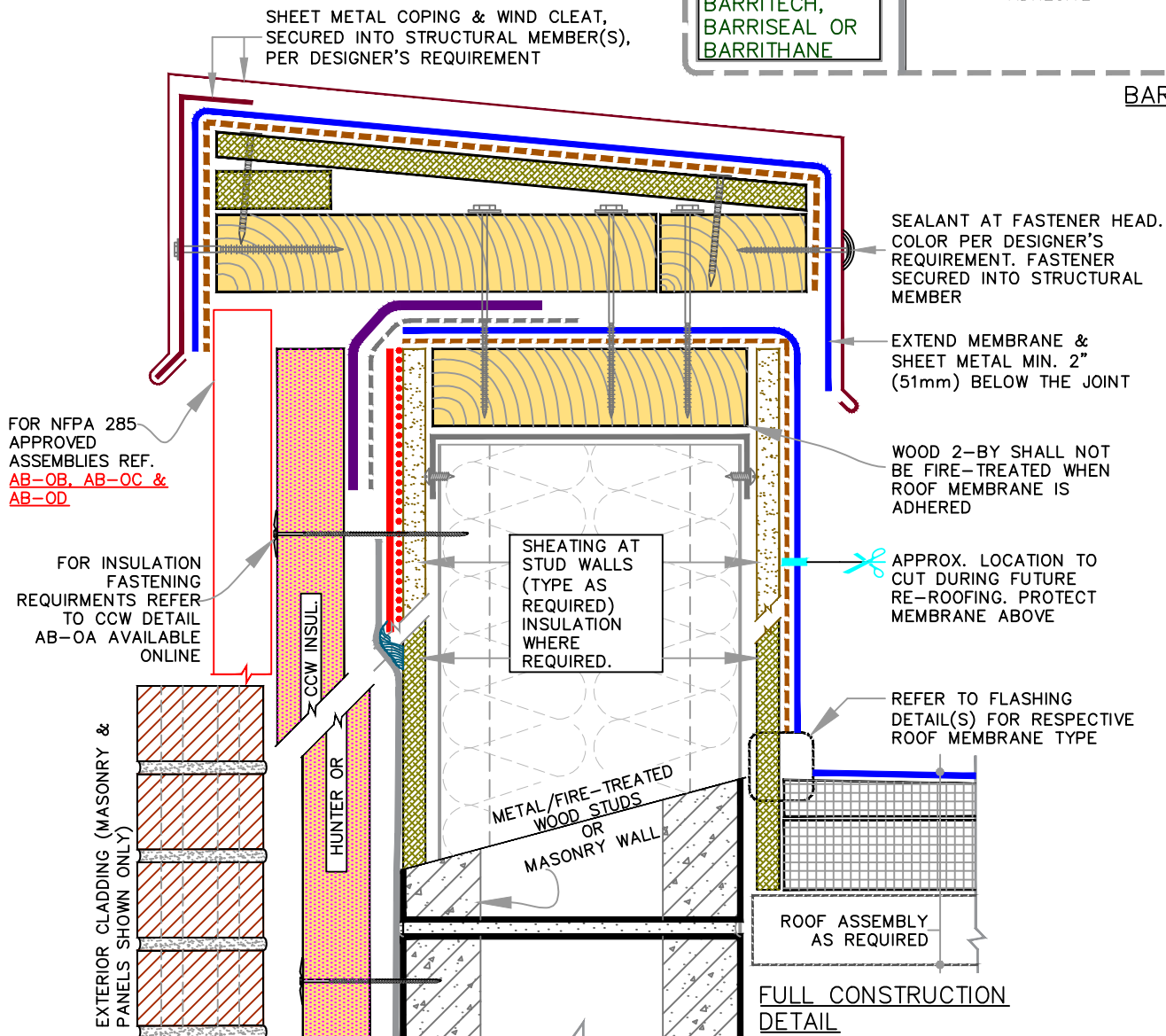
	<b>0</b>	ROOF BARRIERS:	WALL BARRIERS:	4.4
	REFER TO NOTES	EPDM OR TPO	BARRITECH, BARRISEAL OR BARRITHANE	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

NOTES:

<b>1</b>	IF BARRISEAL USE 705
	IF BARRITECH USE 705FR-A
	IF BARRITHANE USE 705FR-A



**BARRIERS DETAIL**

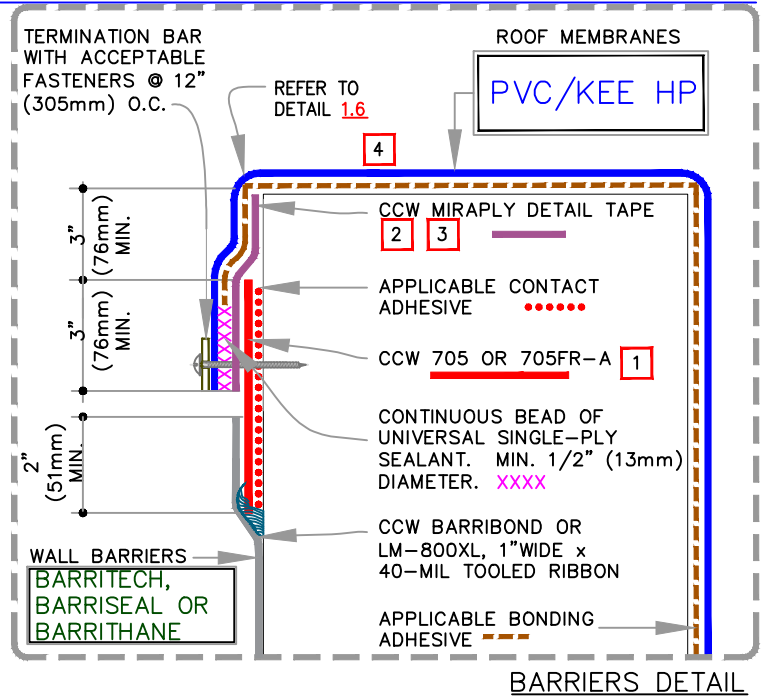


<b>0</b>	ROOF BARRIERS:	WALL BARRIERS:	4.5
	REFER TO NOTES	EPDM OR TPO	
REFER TO SPECS FOR ADDITIONAL INFORMATION			

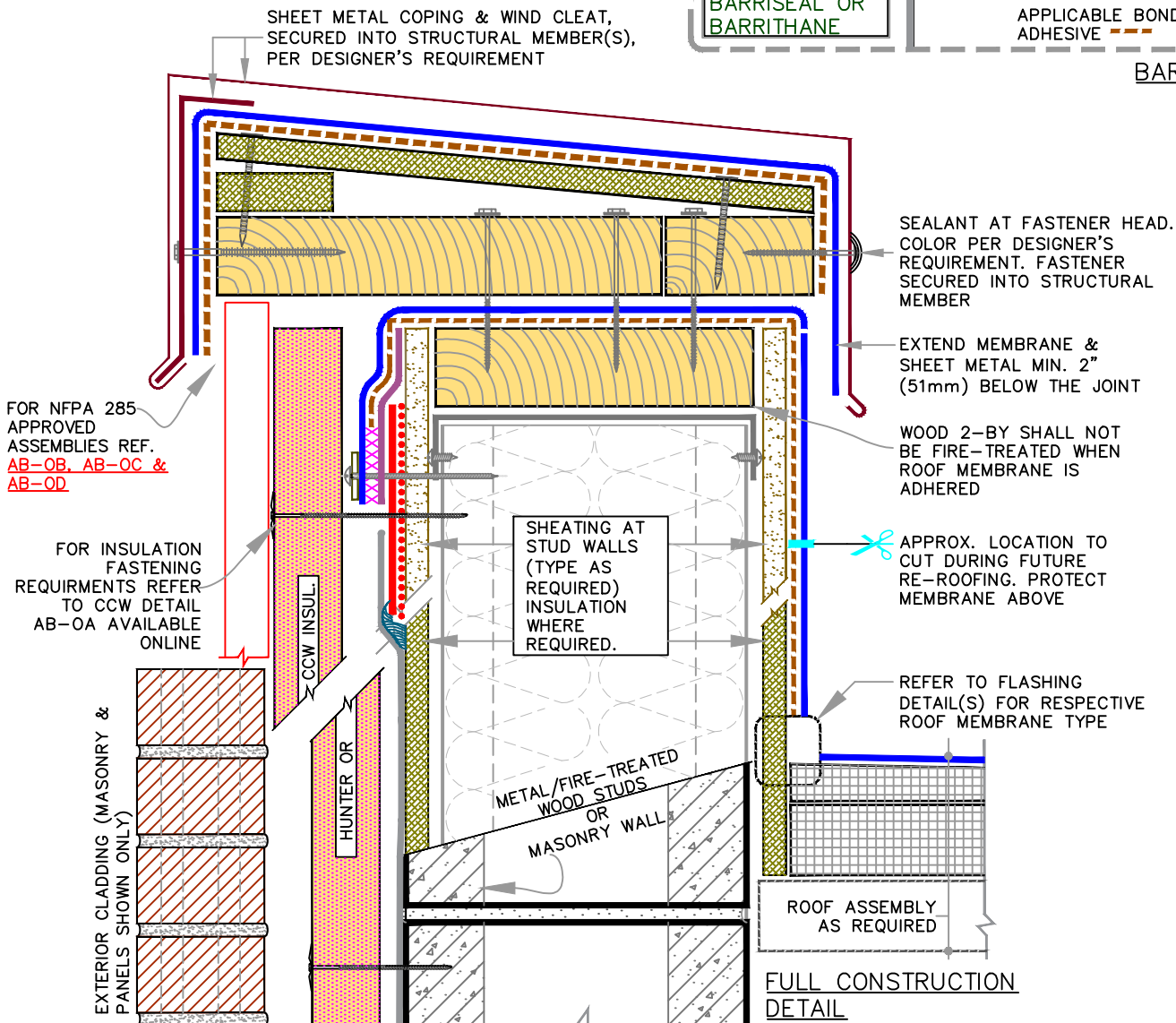
# NVELOP TIE-IN DETAILS

## NOTES:

- 1** IF BARRISEAL USE 705  
IF BARRITECH USE 705FR-A  
IF BARRITHANE USE 705FR-A
- 2** CCW MIRAPLY DETAIL TAPE TO COVER 705/705FR-A STEP-OFF. MUST EXTEND 1" (26mm) BEYOND 705/70FR-A STEP-OFF AND EXTEND COMPLETELY TO THE EDGE OF PVC/KEE HP MEMBRANE. MIRAPLY DETAIL TAPE MUST BE USED TO PREVENT CONTACT OF ASPHALT ADHESIVE TO PVC/KEE HP MEMBRANE.
- 3** CCW MIRAPLY DETAIL TAPE NOT NEEDED WHEN USING 705VP ON THE WALL.
- 4** PVC/KEE HP MUST NOT EXTEND BEYOND THE END OF MIRAPLY DETAIL TAPE.



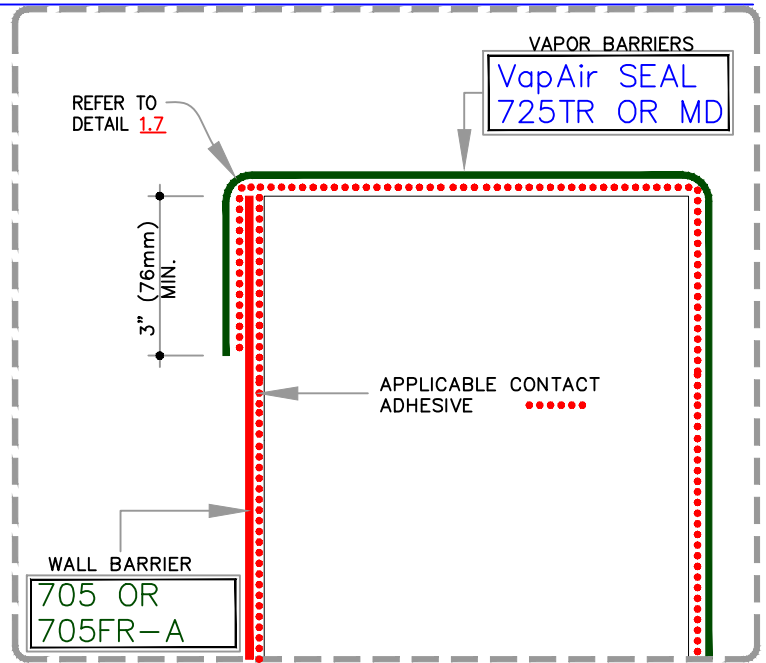
SHEET METAL COPING & WIND CLEAT, SECURED INTO STRUCTURAL MEMBER(S), PER DESIGNER'S REQUIREMENT



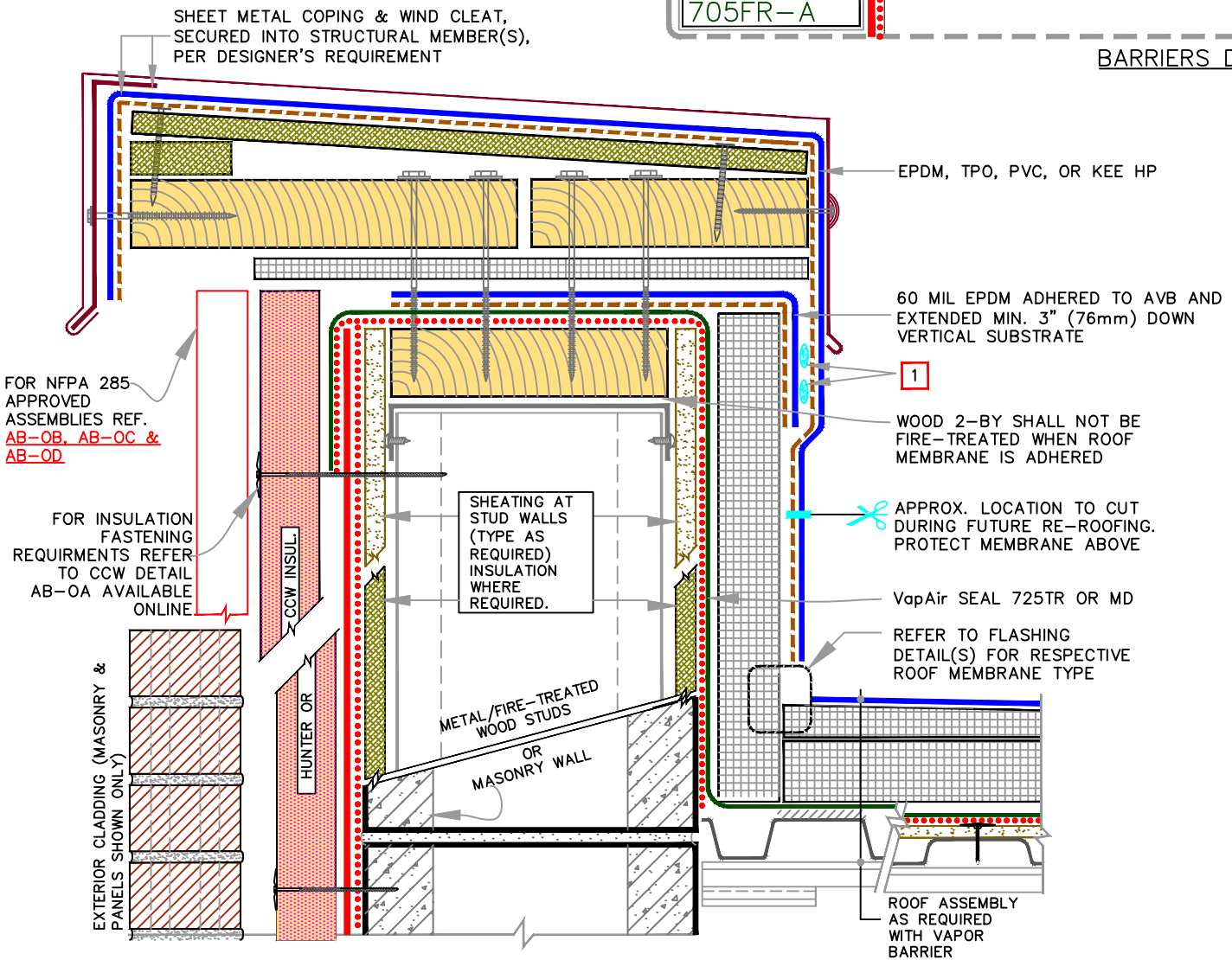
	0	ROOF BARRIERS:	WALL BARRIERS:	4.6
	REFER TO NOTES	PVC OR KEE HP	BARRITECH, BARRISEAL OR BARRITHANE	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

NOTES:


- 1 \*\*NEEDED ONLY WHEN ROOF MEMBRANE IS PVC OR KEE HP\*\* APPLY TWO CONTINUOUS BEADS OF UNIVERSAL SINGLE-PLY SEALANT SANDWICHED BETWEEN EPDM FLASHING AND PVC/KEE HP.



BARRIERS DETAIL



FULL CONSTRUCTION DETAIL

	<p>0</p> <p>REFER TO NOTES</p>	<p>ROOF BARRIERS:</p> <p>VapAir SEAL 725TR OR MD</p>	<p>WALL BARRIERS:</p> <p>705 OR 705FR-A</p>	<p>4.7</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			

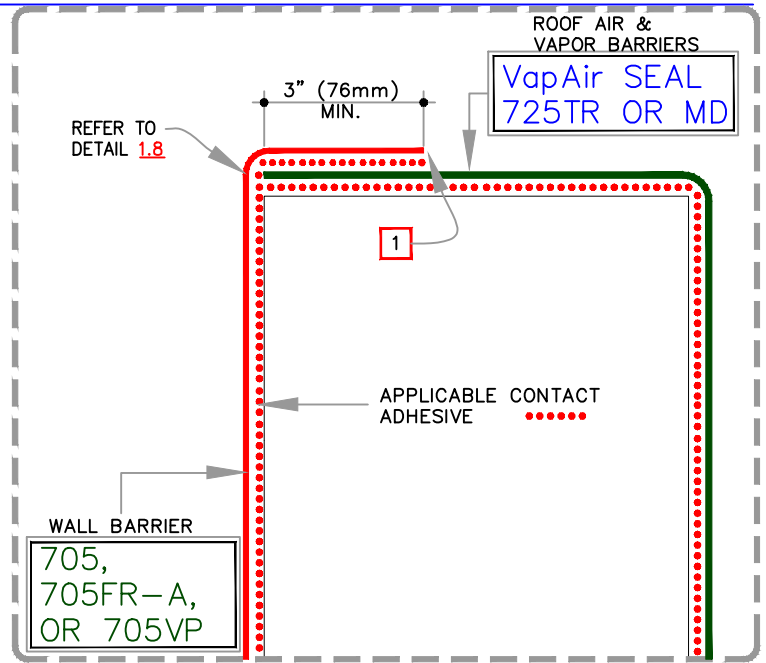
# NVELOP TIE-IN DETAILS

**NOTES:**

**1** IF STEP-OFF OCCURS ON A VERTICAL SURFACE, APPLY A CONTINUOUS BEAD OF SEALANT (SEE CHART BELOW FOR OPTIONS) TOOLED TO 1" (25mm) WIDE BY 40 MILS THICK AT TO PREVENT THE BUCKING OF WATER.

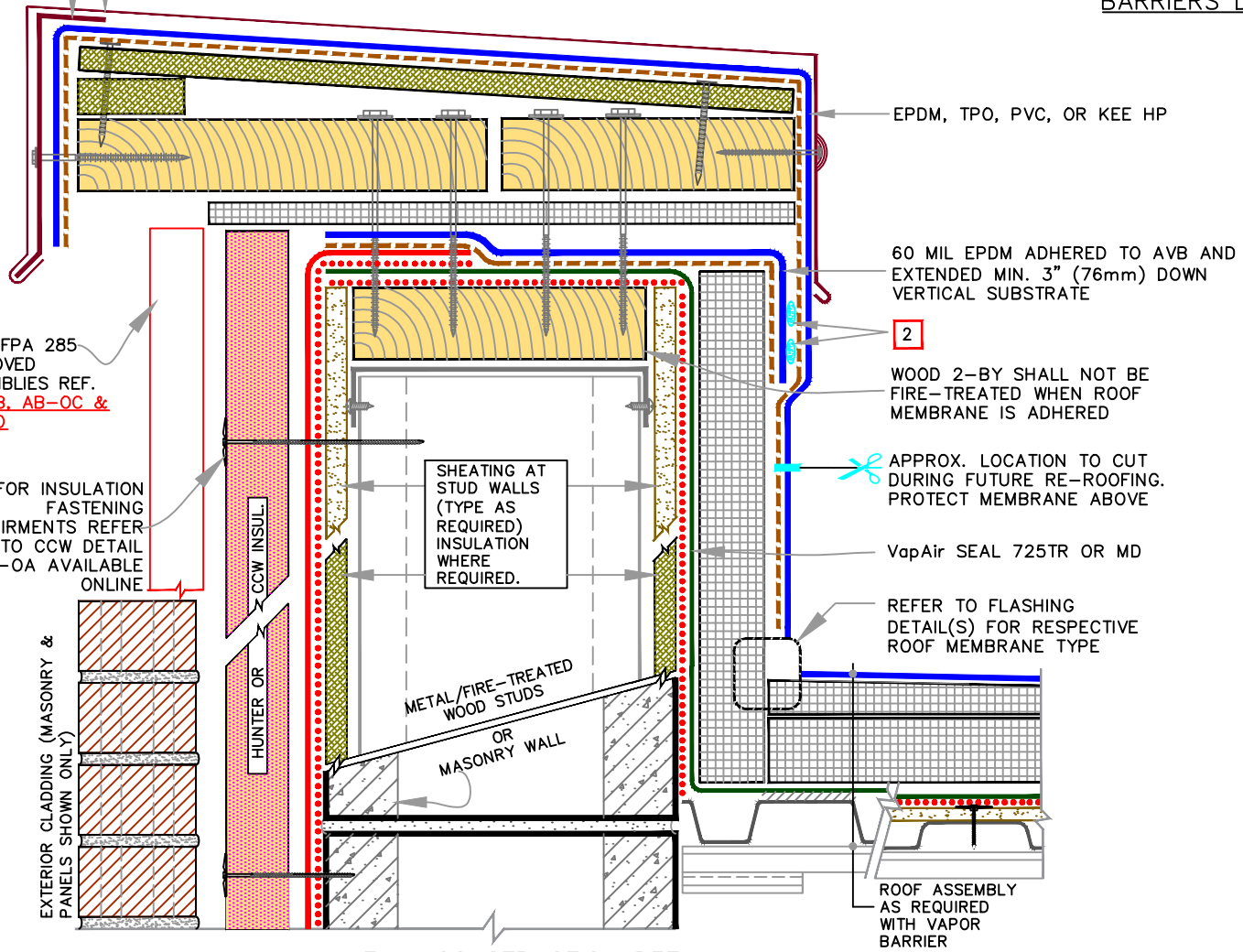
IF	• 705	• BarriBond
	• 705FR-A	• LM-800XL
IF	• 705VP	• DOW 758 SILICONE

**2** \*\*NEEDED ONLY WHEN ROOF MEMBRANE IS PVC OR KEE HP\*\* APPLY TWO CONTINUOUS BEADS OF UNIVERSAL SINGLE-PLY SEALANT SANDWICHED BETWEEN EPDM FLASHING AND PVC/KEE HP.



**BARRIERS DETAIL**

SHEET METAL COPING & WIND CLEAT, SECURED INTO STRUCTURAL MEMBER(S), PER DESIGNER'S REQUIREMENT



**FULL CONSTRUCTION DETAIL**

FOR NFPA 285 APPROVED ASSEMBLIES REF. AB-OB, AB-OC & AB-OD

FOR INSULATION FASTENING REQUIREMENTS REFER TO CCW DETAIL AB-OA AVAILABLE ONLINE

EXTERIOR CLADDING (MASONRY & PANELS SHOWN ONLY)

HUNTER OR CCW INSUL.

SHEATHING AT STUD WALLS (TYPE AS REQUIRED) INSULATION WHERE REQUIRED.

METAL/FIRE-TREATED WOOD STUDS OR MASONRY WALL

EPDM, TPO, PVC, OR KEE HP

60 MIL EPDM ADHERED TO AVB AND EXTENDED MIN. 3" (76mm) DOWN VERTICAL SUBSTRATE

WOOD 2-BY SHALL NOT BE FIRE-TREATED WHEN ROOF MEMBRANE IS ADHERED

APPROX. LOCATION TO CUT DURING FUTURE RE-ROOFING. PROTECT MEMBRANE ABOVE

VapAir SEAL 725TR OR MD

REFER TO FLASHING DETAIL(S) FOR RESPECTIVE ROOF MEMBRANE TYPE

ROOF ASSEMBLY AS REQUIRED WITH VAPOR BARRIER

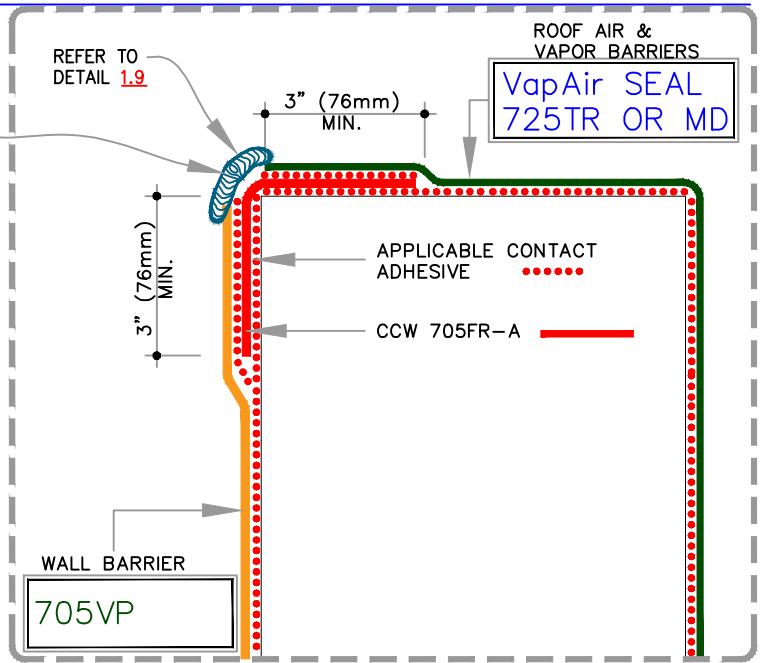
	<p><b>0</b></p> <p>REFER TO NOTES</p>	<p><b>ROOF BARRIERS:</b></p> <p>VapAir SEAL 725TR OR MD</p>	<p><b>WALL BARRIERS:</b></p> <p>705, 705FR-A OR 705VP</p>	<p>4.8</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			

# NVELOP TIE-IN DETAILS

DOW 758 SILICONE WEATHER BARRIER SEALANT. TOOLED RIBBON @ 1" (25mm) WIDE AND 40 MILS THICK.

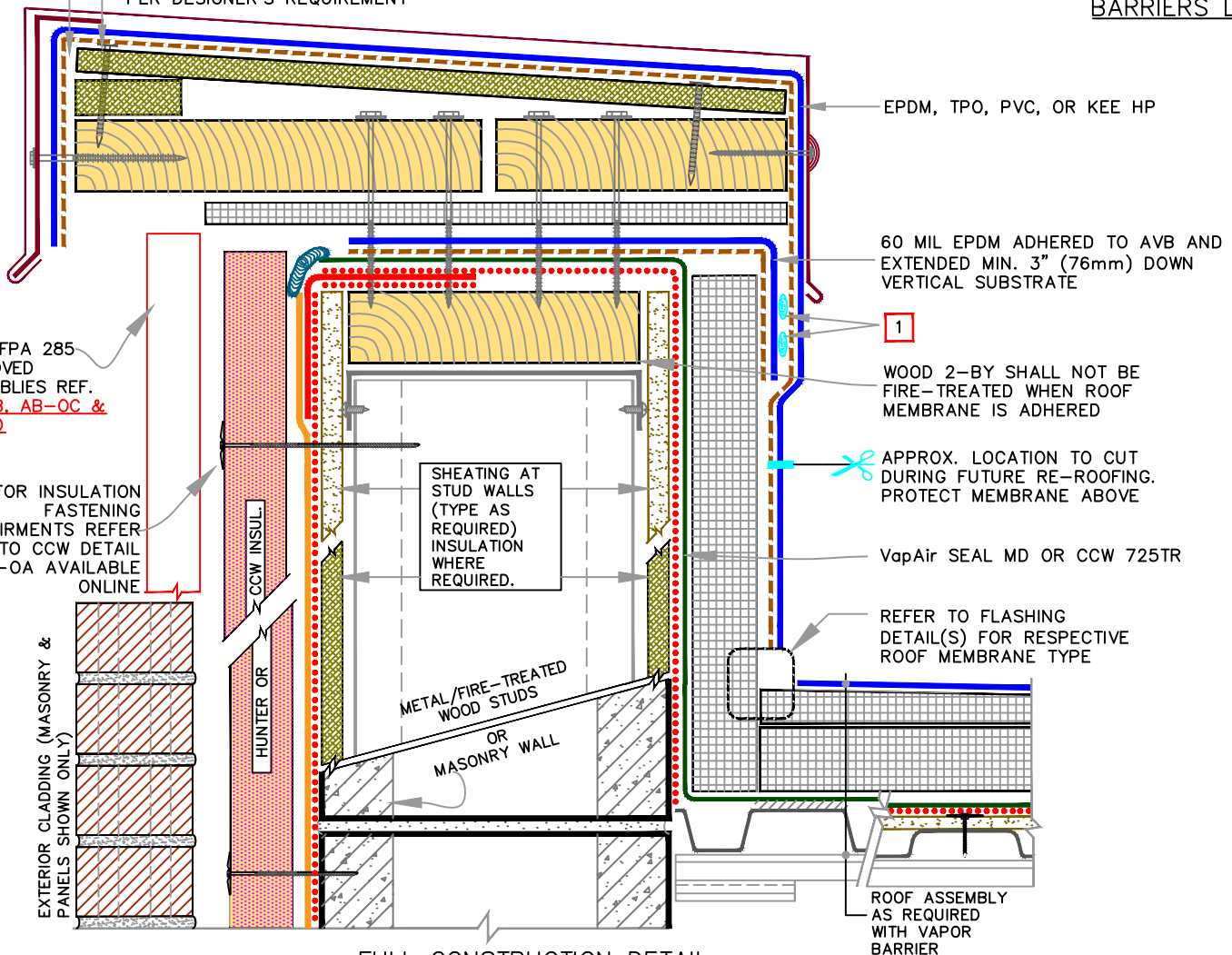
NOTES:

- 1 \*\*NEEDED ONLY WHEN ROOF MEMBRANE IS PVC OR KEE HP\*\* APPLY TWO CONTINUOUS BEADS OF UNIVERSAL SINGLE-PLY SEALANT SANDWICHED BETWEEN EPDM FLASHING AND PVC/KEE HP.




BARRIERS DETAIL

SHEET METAL COPING & WIND CLEAT, SECURED INTO STRUCTURAL MEMBER(S), PER DESIGNER'S REQUIREMENT



FULL CONSTRUCTION DETAIL

	<p>0</p> <p>REFER TO NOTES</p>	<p>ROOF BARRIERS:</p> <p>VapAir SEAL 725TR OR MD</p>	<p>WALL BARRIERS:</p> <p>705VP</p>	<p>4.9</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			

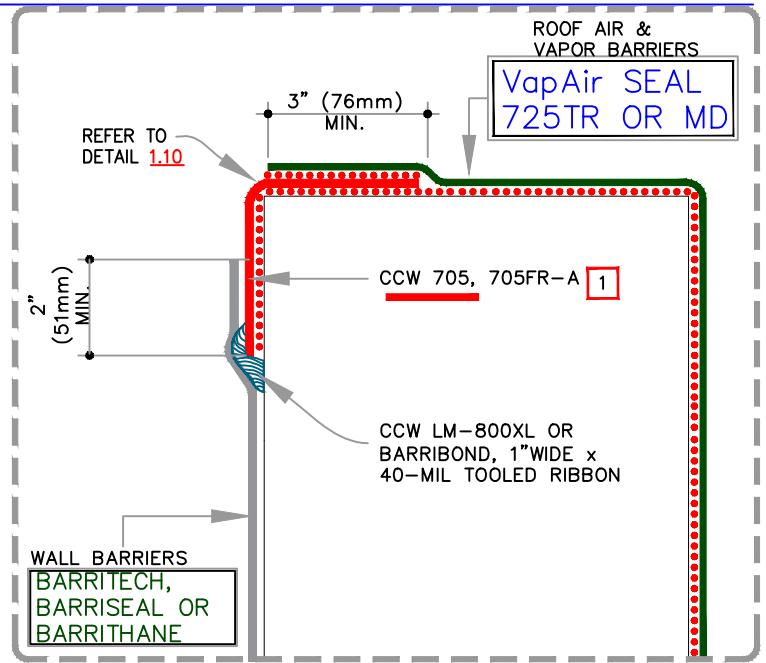


# NVELOP TIE-IN DETAILS

NOTES:

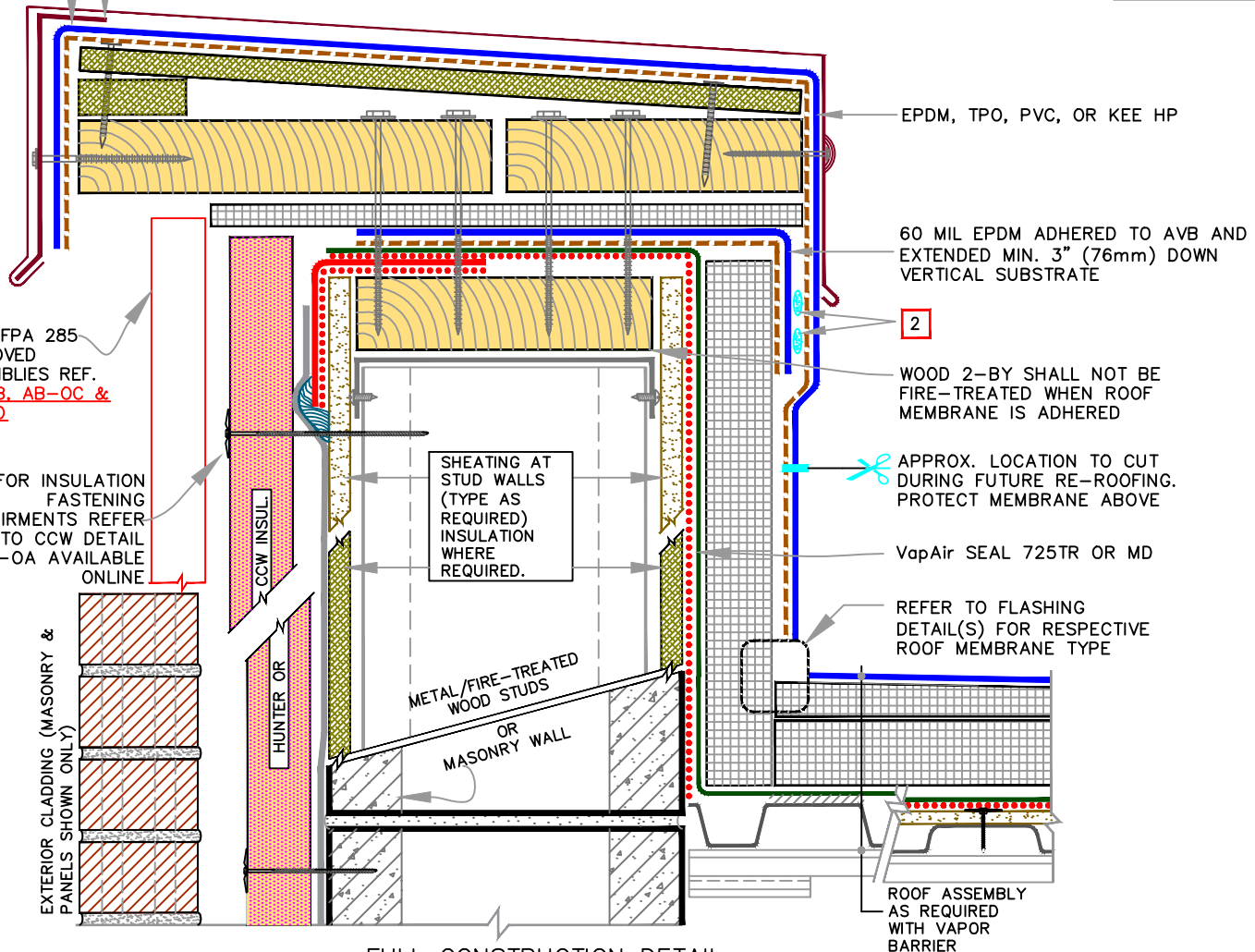
**1** IF BARRISEAL USE 705  
 IF BARRITECH USE 705FR-A  
 IF BARRITHANE USE 705FR-A

**2** \*\*NEEDED ONLY WHEN ROOF MEMBRANE IS PVC OR KEE HP\*\* APPLY TWO CONTINUOUS BEADS OF UNIVERSAL SINGLE-PLY SEALANT SANDWICHED BETWEEN EPDM FLASHING AND PVC/KEE HP.




BARRIERS DETAIL

SHEET METAL COPING & WIND CLEAT, SECURED INTO STRUCTURAL MEMBER(S), PER DESIGNER'S REQUIREMENT



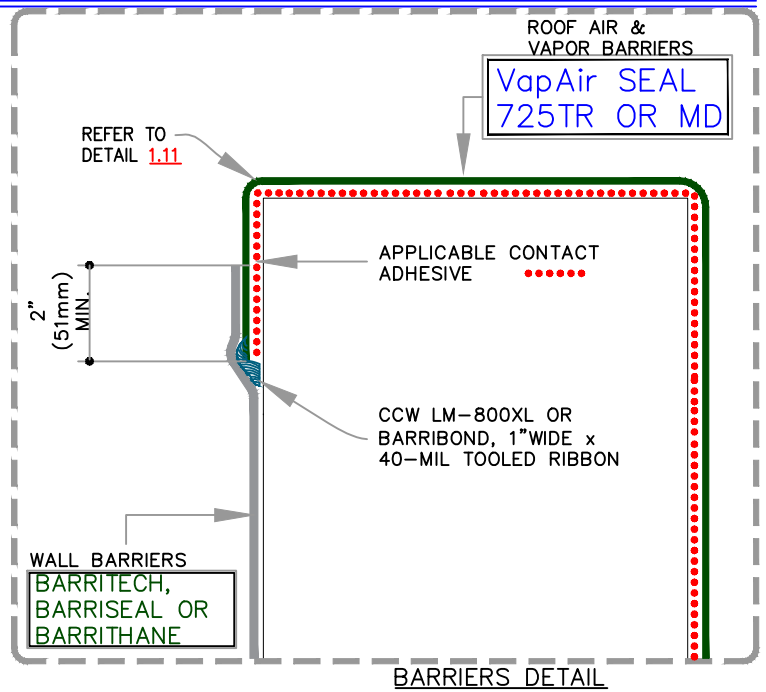
FULL CONSTRUCTION DETAIL

	<p><b>0</b></p> <p>REFER TO NOTES</p>	<p>ROOF BARRIERS:</p> <p>VapAir SEAL 725TR OR MD</p>	<p>WALL BARRIERS:</p> <p>BARRITECH, BARRISEAL OR BARRITHANE</p>	<p>4.10</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			

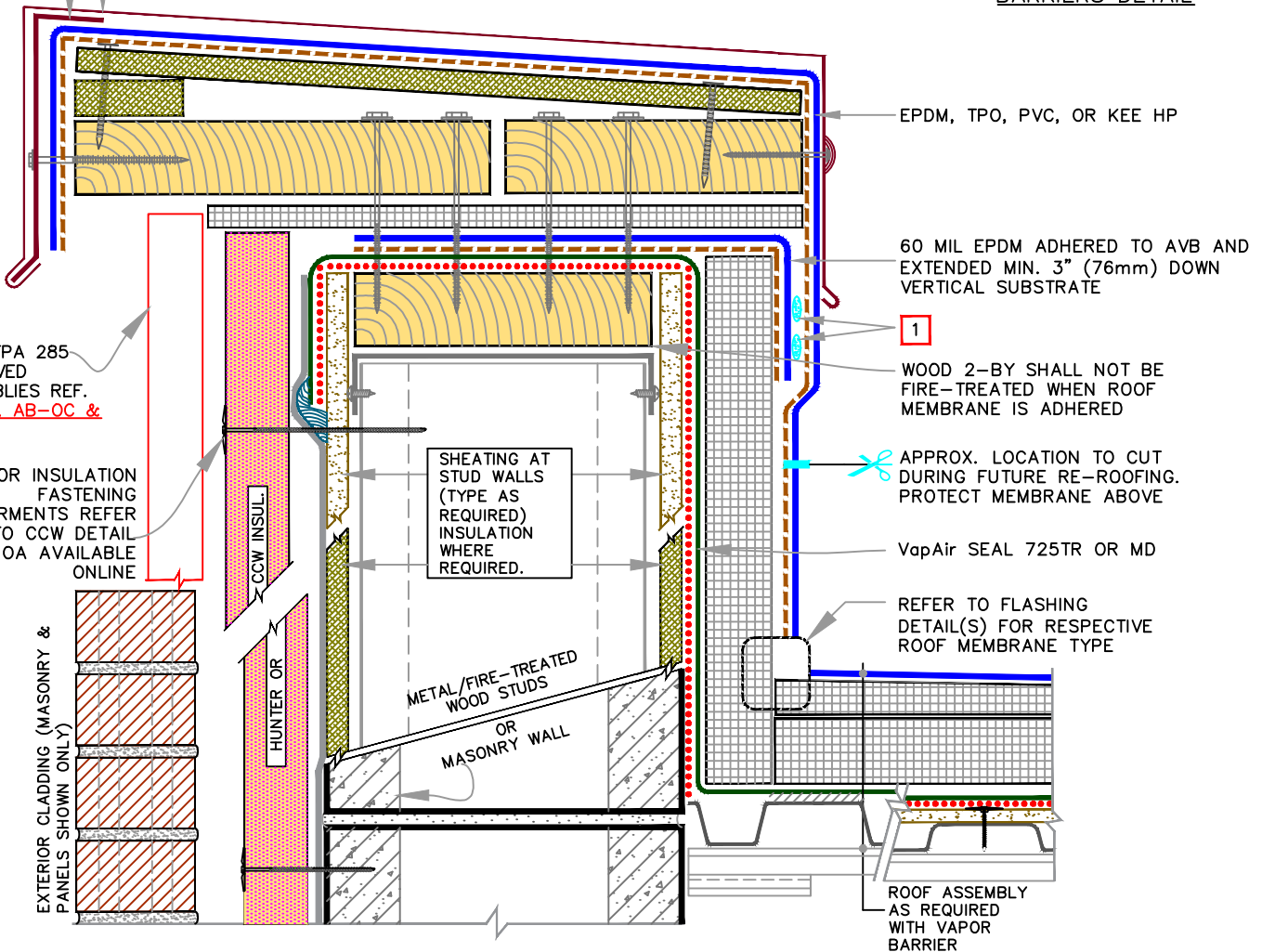
# NVELOP TIE-IN DETAILS

**NOTES:**

- 1** \*\*NEEDED ONLY WHEN ROOF MEMBRANE IS PVC OR KEE HP\*\* APPLY TWO CONTINUOUS BEADS OF UNIVERSAL SINGLE-PLY SEALANT SANDWICHED BETWEEN EPDM FLASHING AND PVC/KEE HP.



SHEET METAL COPING & WIND CLEAT, SECURED INTO STRUCTURAL MEMBER(S), PER DESIGNER'S REQUIREMENT



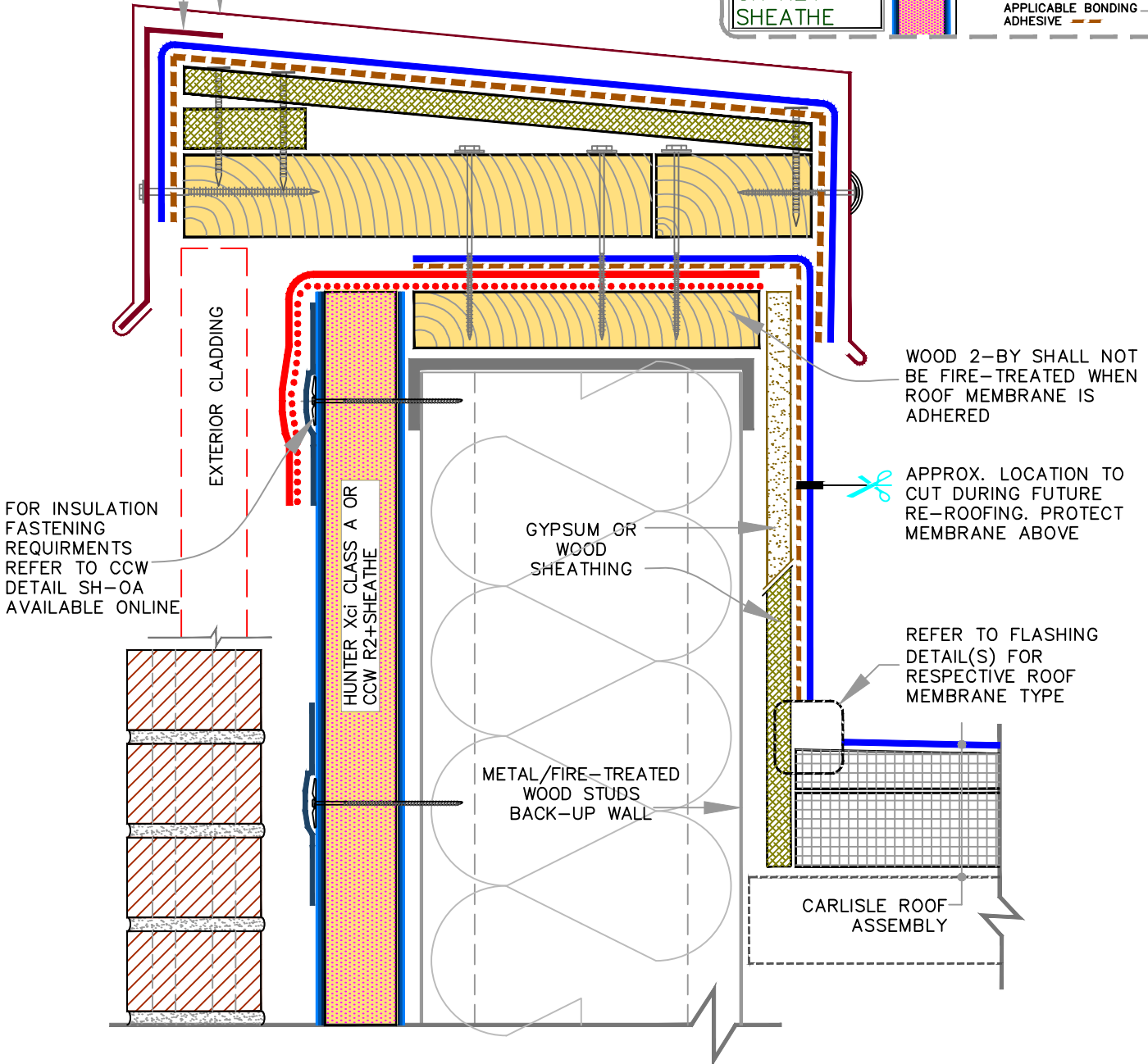
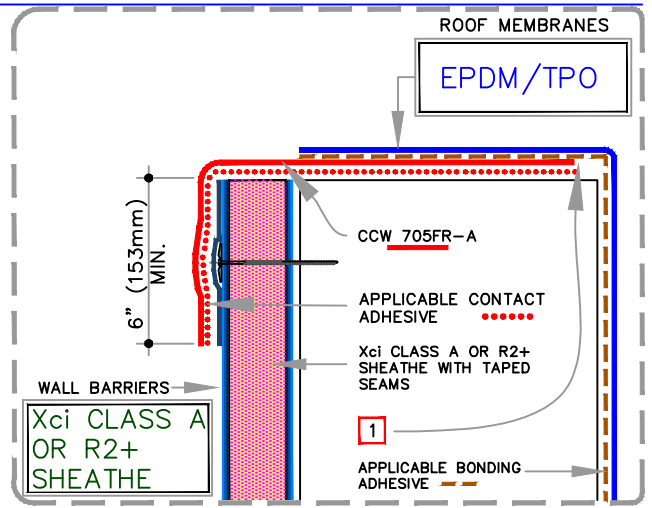
	<p><b>0</b></p> <p>REFER TO NOTES</p>	<p><b>ROOF BARRIERS:</b></p> <p>VapAir SEAL 725TR OR MD</p>	<p><b>WALL BARRIERS:</b></p> <p>BARRITECH, BARRISEAL OR BARRITHANE</p>	<p>4.11</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			

# NVELOP TIE-IN DETAILS

**NOTES:**

- 1 IF ROOF MEMBRANE IS PVC OR KEE HP, INSTALL CCW MIRAPLY DETAIL TAPE CENTERED OVER 705FR-A STEP OFF. MIRAPLY DETAIL TAPE WILL PREVENT CONTACT OF ASPHALT ADHESIVE TO PVC/KEE HP MEMBRANE.

SHEET METAL COPING & WIND CLEAT, SECURED INTO STRUCTURAL MEMBER(S), PER DESIGNER'S REQUIREMENT

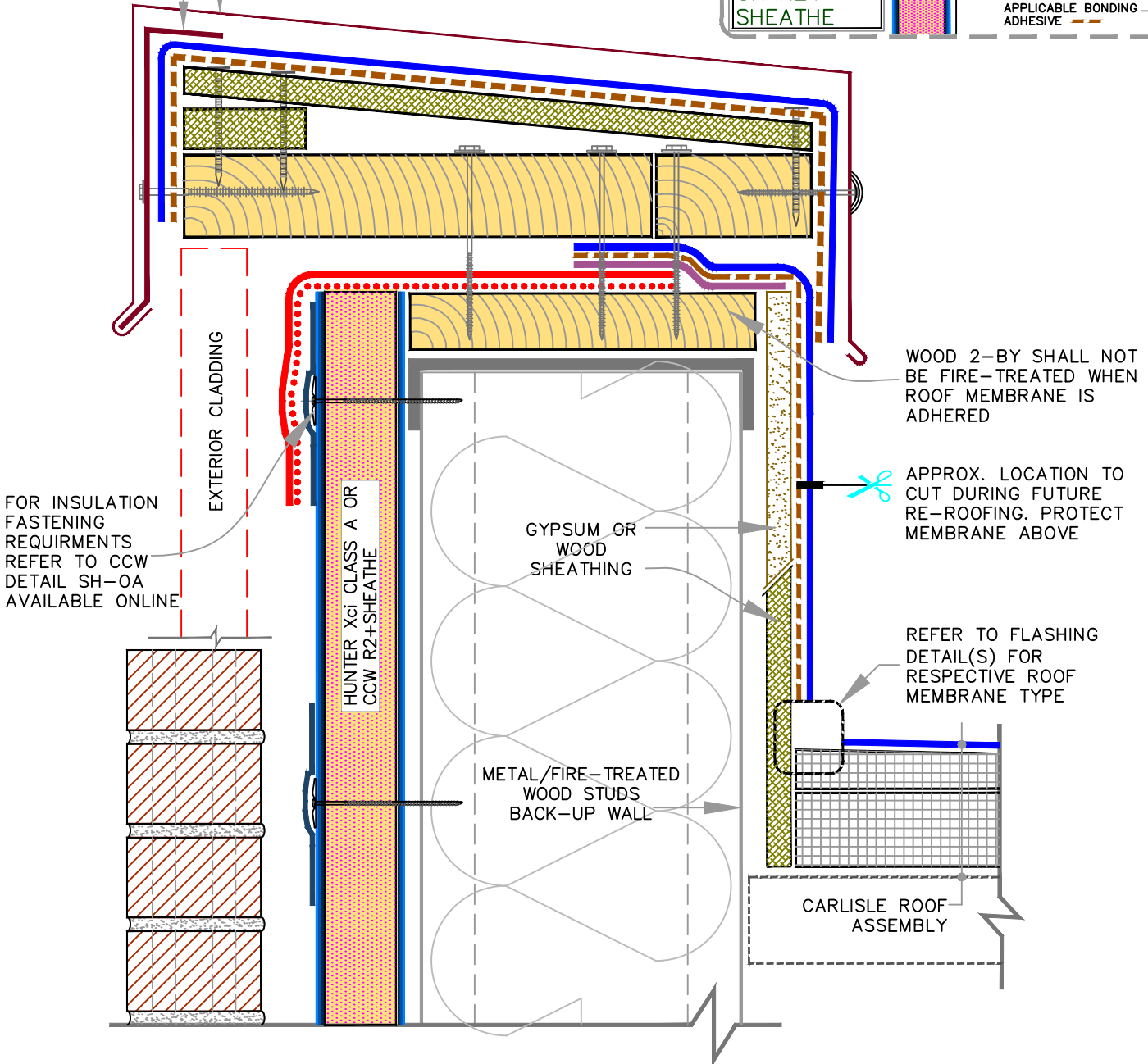
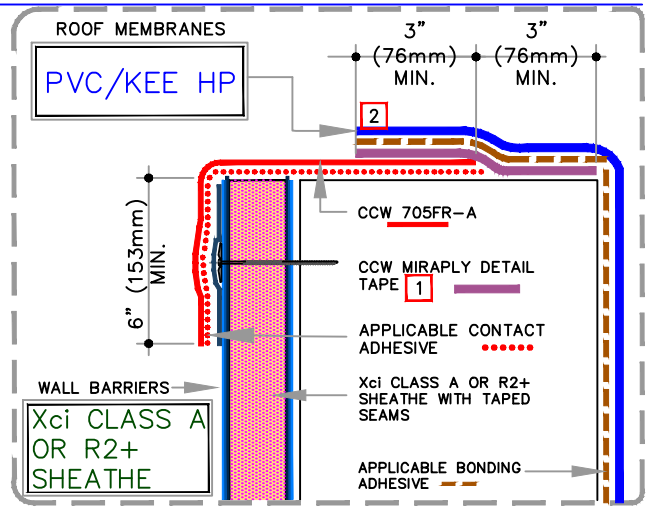


	<p>0</p> <p>REFER TO NOTES</p>	<p>ROOF BARRIERS:</p> <p>EPDM OR TPO</p>	<p>WALL BARRIERS:</p> <p>Xci CLASS A OR R2+ SHEATHE</p>	<p>4.12</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			

NOTES:

- 1 CCW MIRAPLY DETAIL TAPE TO COVER 705FR-A STEP-OFF. TAPE MUST EXTEND 1" (26mm) BEYOND 705FR-A STEP-OFF ON TO SUBSTRATE.
- 2 PVC/KEE HP MUST NOT EXTEND PAST THE END OF CCW MIRAPLY DETAIL TAPE

SHEET METAL COPING & WIND CLEAT, SECURED INTO STRUCTURAL MEMBER(S), PER DESIGNER'S REQUIREMENT



FOR INSULATION FASTENING REQUIREMENTS REFER TO CCW DETAIL SH-OA AVAILABLE ONLINE

EXTERIOR CLADDING

HUNTER Xci CLASS A OR CCW R2+ SHEATHE

GYPSUM OR WOOD SHEATHING


METAL/FIRE-TREATED WOOD STUDS BACK-UP WALL

WOOD 2-BY SHALL NOT BE FIRE-TREATED WHEN ROOF MEMBRANE IS ADHERED

APPROX. LOCATION TO CUT DURING FUTURE RE-ROOFING. PROTECT MEMBRANE ABOVE

REFER TO FLASHING DETAIL(S) FOR RESPECTIVE ROOF MEMBRANE TYPE

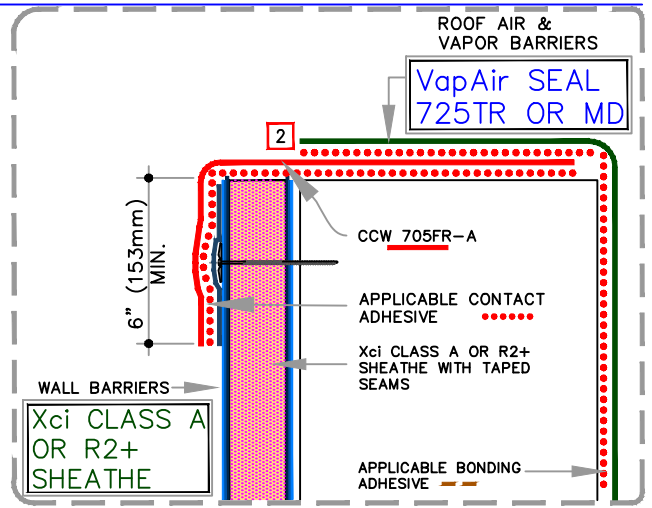
CARLISLE ROOF ASSEMBLY

	0	ROOF BARRIERS:	WALL BARRIERS:	4.13
	REFER TO NOTES	PVC OR KEE HP	Xci CLASS A OR R2+ SHEATHE	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

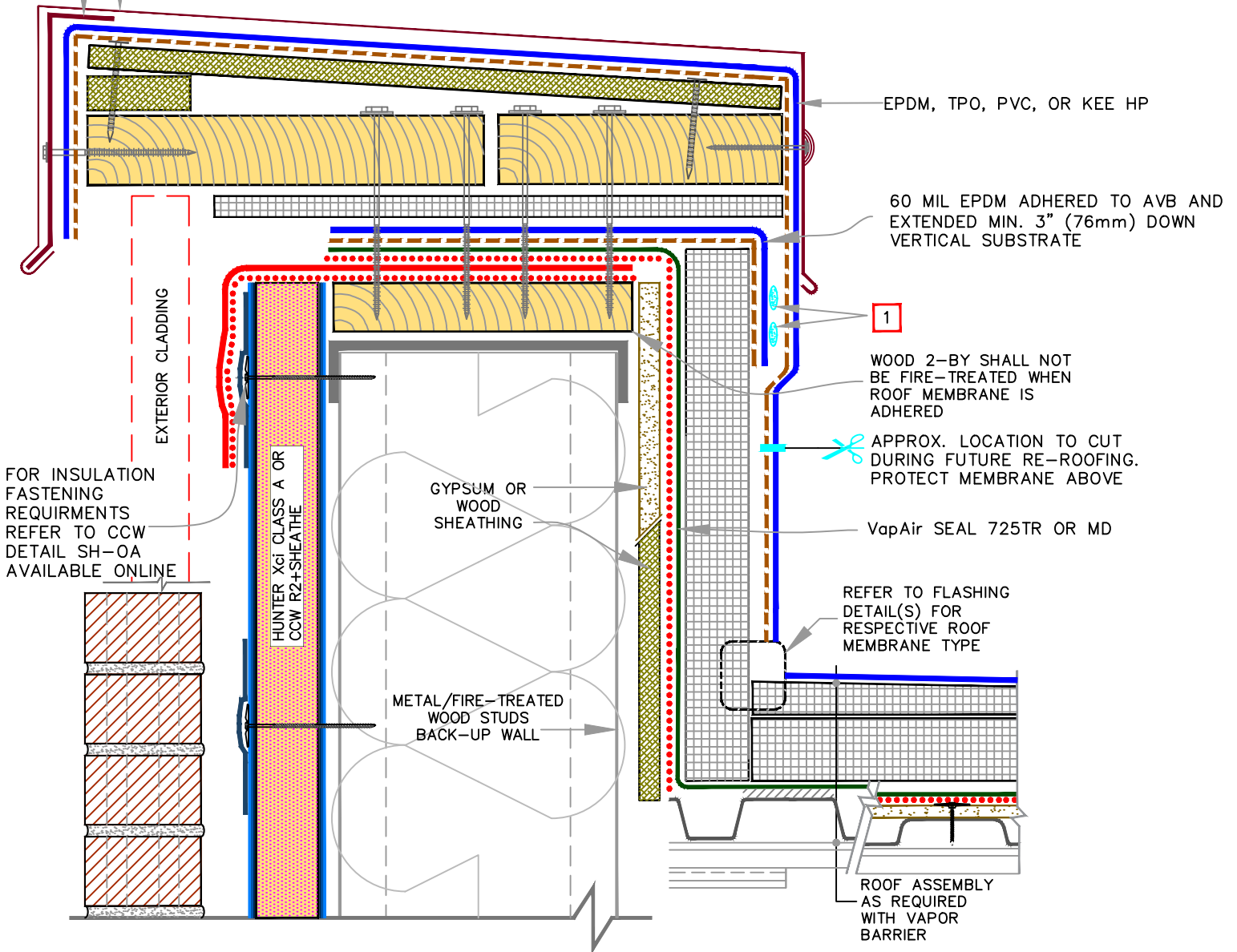
# NVELOP TIE-IN DETAILS

**NOTES:**

- 1** \*\*NEEDED ONLY WHEN ROOF MEMBRANE IS PVC OR KEE HP\*\* APPLY TWO CONTINUOUS BEADS OF UNIVERSAL SINGLE-PLY SEALANT SANDWICHED BETWEEN EPDM FLASHING AND PVC/KEE HP
- 2** AS AN ALTERNATIVE, CCW 705FR-A COULD BE LAPPED OVER VapAir SEAL 725TR OR MD. REFER TO COMPATIBILITY DETAIL CR-8.



SHEET METAL COPING & WIND CLEAT, SECURED INTO STRUCTURAL MEMBER(S), PER DESIGNER'S REQUIREMENT



FOR INSULATION FASTENING REQUIREMENTS REFER TO CCW DETAIL SH-OA AVAILABLE ONLINE

HUNTER Xci CLASS A OR CCW R2+SHEATHE

GYPSUM OR WOOD SHEATHING

METAL/FIRE-TREATED WOOD STUDS BACK-UP WALL


**1** WOOD 2-BY SHALL NOT BE FIRE-TREATED WHEN ROOF MEMBRANE IS ADHERED

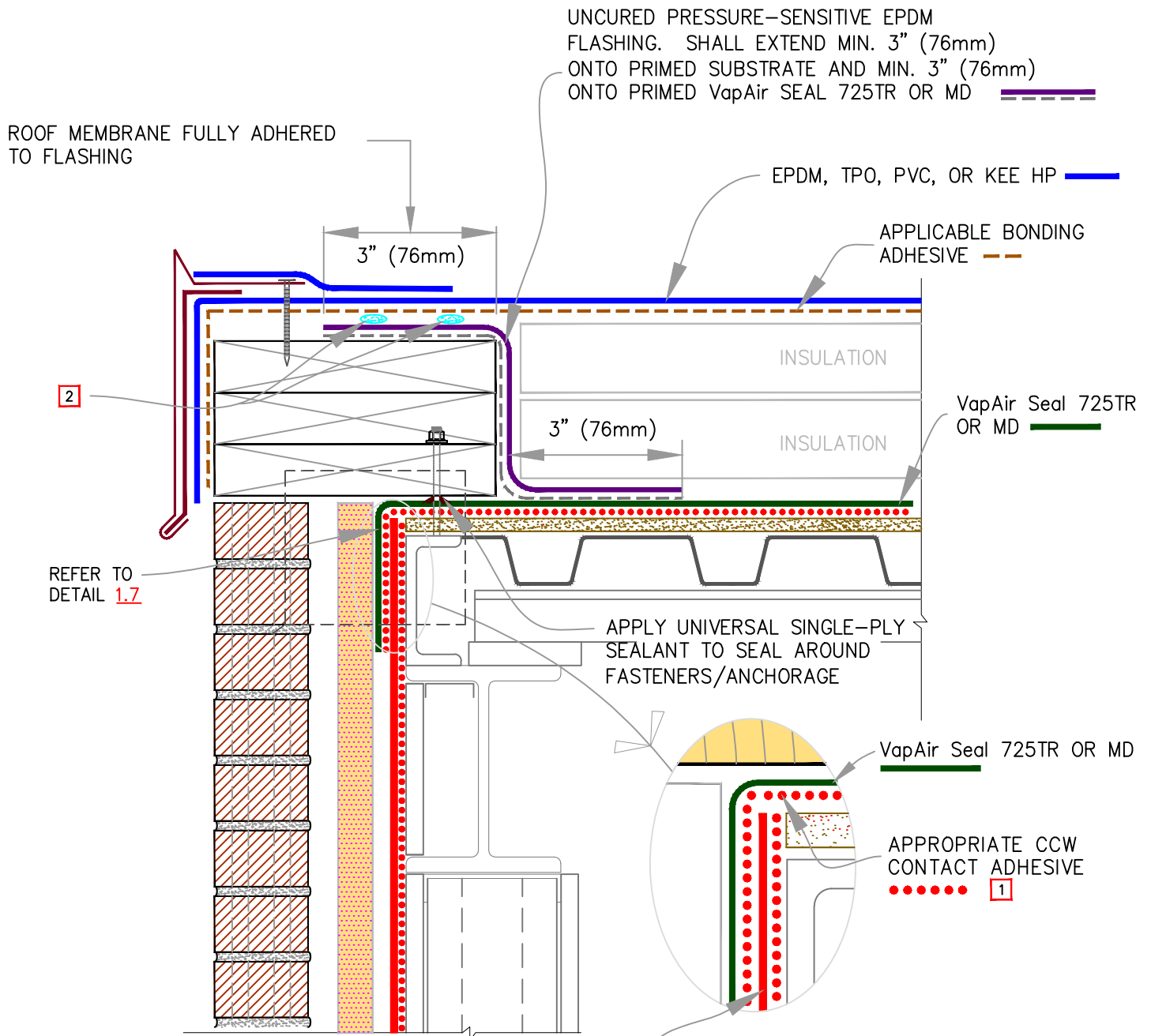
APPROX. LOCATION TO CUT DURING FUTURE RE-ROOFING. PROTECT MEMBRANE ABOVE

VapAir SEAL 725TR OR MD

REFER TO FLASHING DETAIL(S) FOR RESPECTIVE ROOF MEMBRANE TYPE

ROOF ASSEMBLY AS REQUIRED WITH VAPOR BARRIER

	<p><b>0</b></p> <p>REFER TO NOTES</p>	<p><b>ROOF BARRIERS:</b></p> <p>VapAir SEAL 725TR OR MD</p>	<p><b>WALL BARRIERS:</b></p> <p>Xci CLASS A OR R2+ SHEATHE</p>	<p>4.14</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			




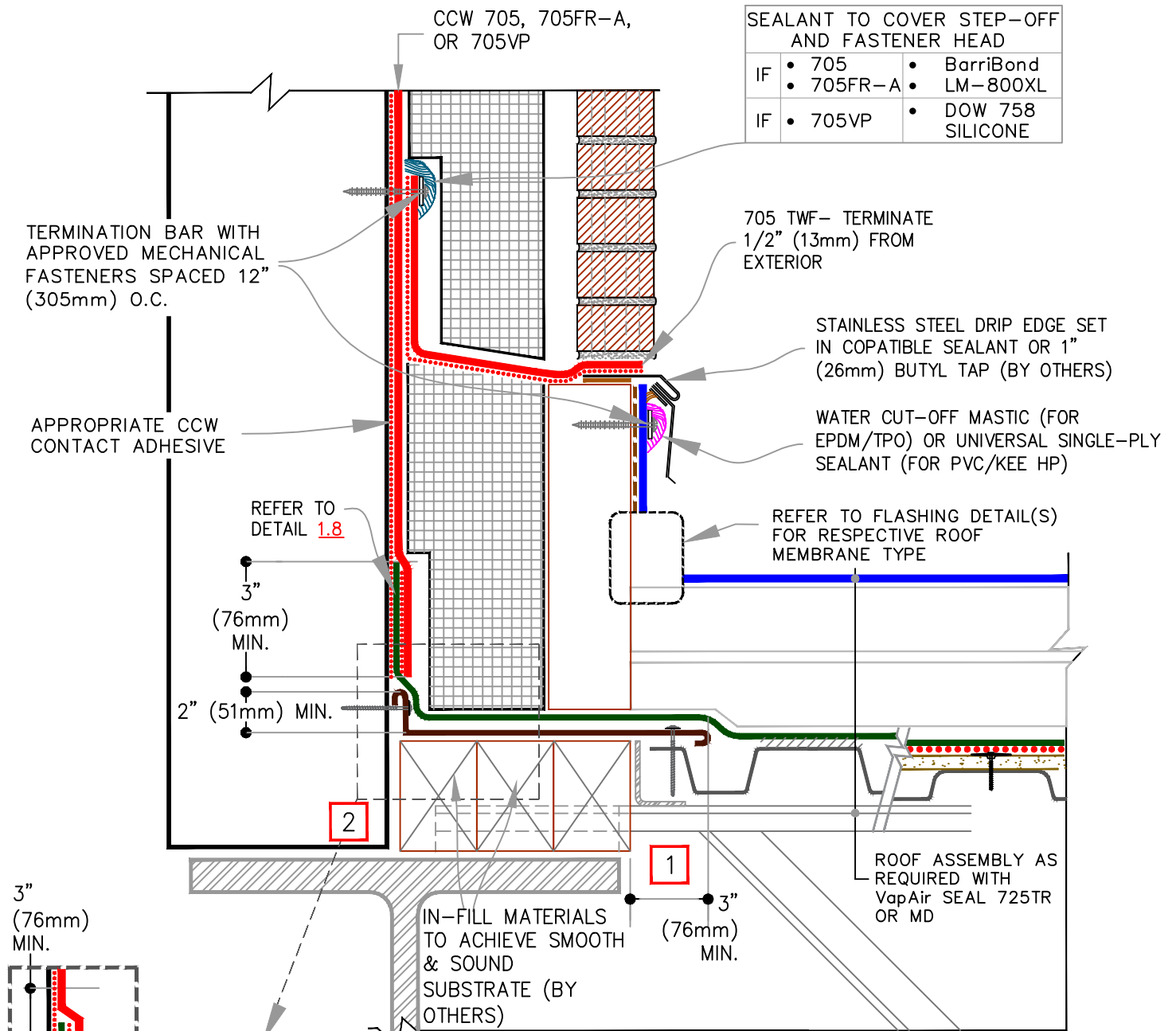
NOTES:

<b>1</b>	CCW CONTACT ADHESIVE OPTIONS
• 702**	• 715**
• 702 WB	• CAV-GRIP
• 702 LV**	• TRAVEL-TACK
**NOT FOR USE WITH 705VP	

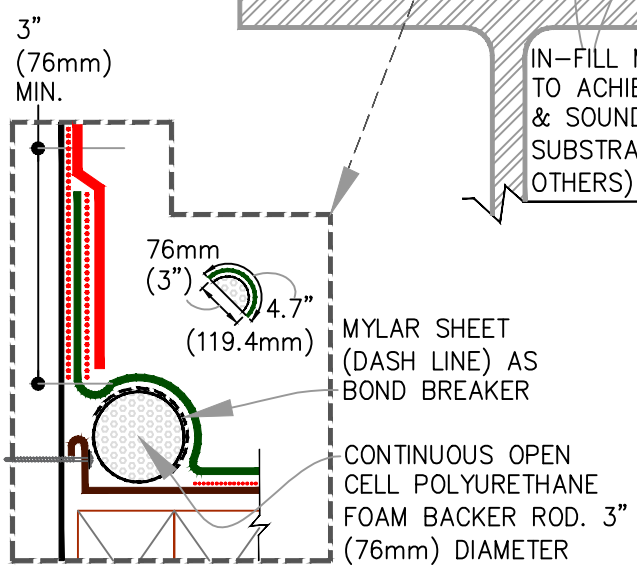
**2** \*\*NEEDED ONLY WHEN ROOF MEMBRANE IS PVC OR KEE HP\*\* APPLY TWO CONTINUOUS BEADS OF UNIVERSAL SINGLE-PLY SEALANT SANDWICHED BETWEEN UNCURED EPDM FLASHING AND PVC/KEE HP.

CCW AIR BARRIER. OVERLAP SHALL BE A MIN. 3" (76mm). SEE MATERIAL COMPATIBILITY DETAILS 1.7 THROUGH 1.11 FOR APPROPRIATE PRODUCT TIE-IN.

	<b>0</b>	ROOF BARRIERS:	WALL BARRIERS:	4.15
	REFER TO NOTES	VapAir SEAL 725TR OR MD	ALL CCW AIR BARRIERS	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



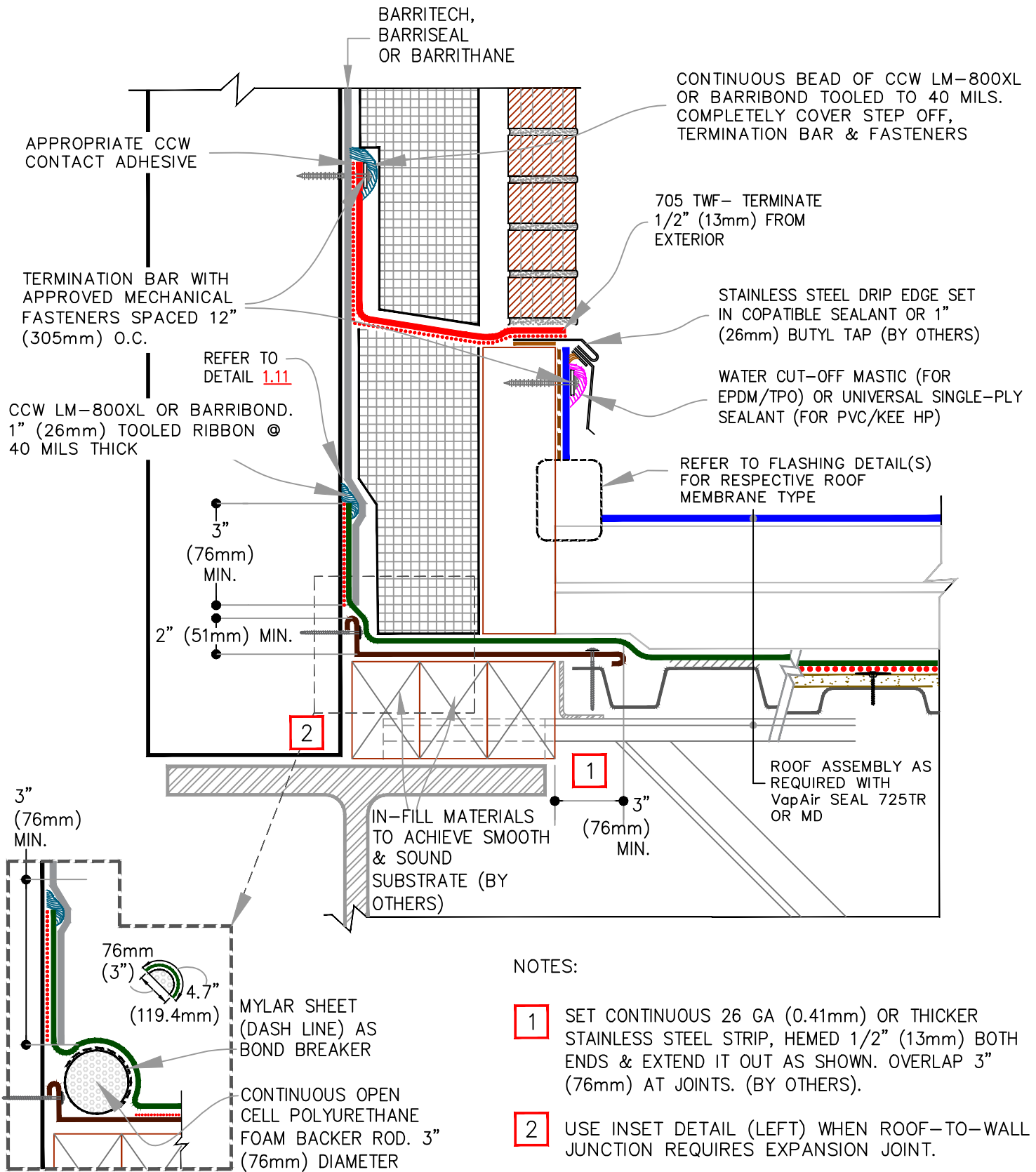
SEALANT TO COVER STEP-OFF AND FASTENER HEAD		
IF	• 705	• BarriBond
	• 705FR-A	• LM-800XL
IF	• 705VP	• DOW 758 SILICONE




NOTES:

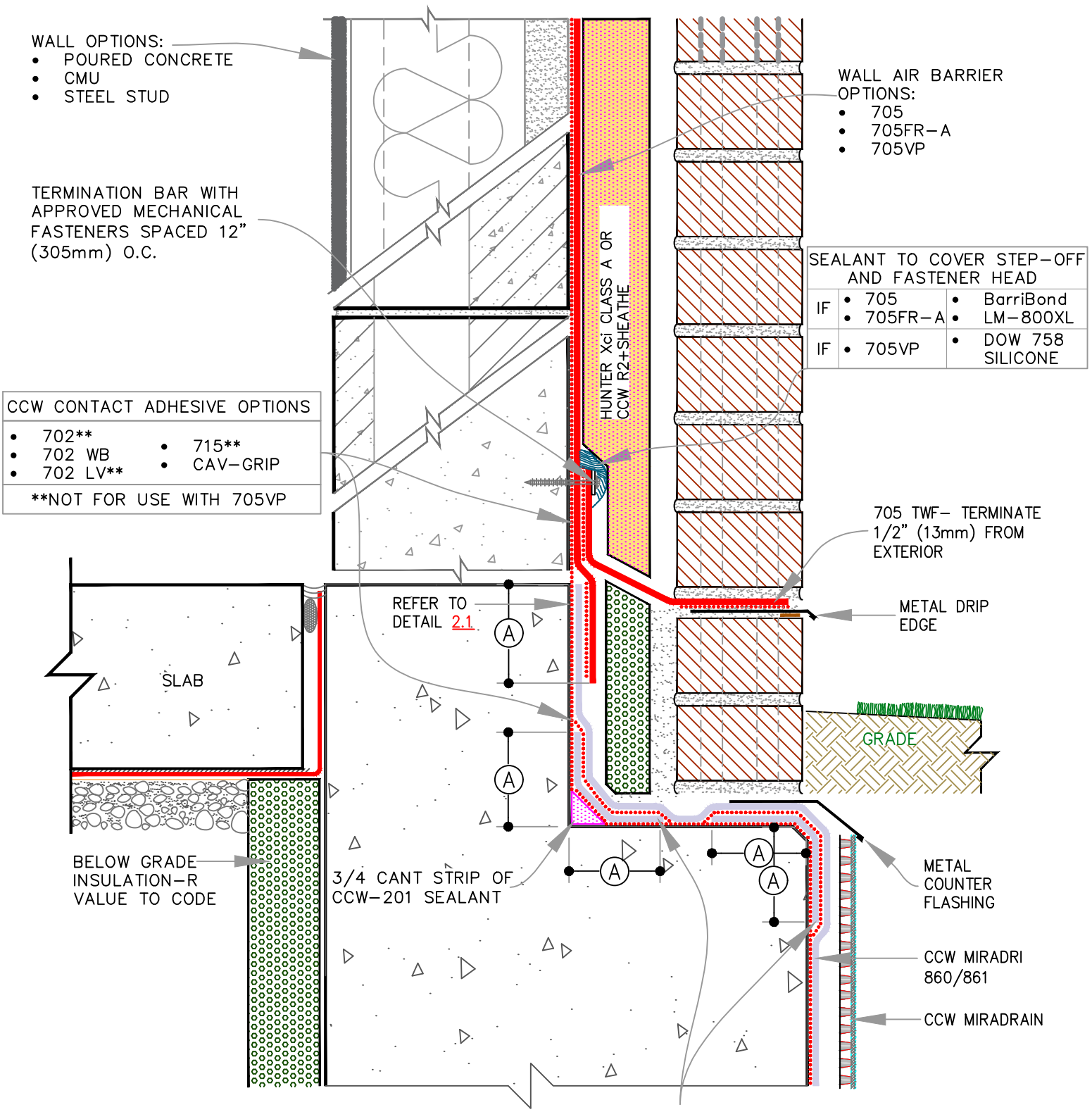
- 1** SET CONTINUOUS 26 GA (0.41mm) OR THICKER STAINLESS STEEL STRIP, HEMED 1/2" (13mm) BOTH ENDS & EXTEND IT OUT AS SHOWN. OVERLAP 3" (76mm) AT JOINTS. (BY OTHERS).
- 2** USE INSET DETAIL (LEFT) WHEN ROOF-TO-WALL JUNCTION REQUIRES EXPANSION JOINT.

	<p><b>0</b></p> <p>REFER TO NOTES</p>	<p>ROOF BARRIERS:</p> <p>VapAir SEAL 725TR OR MD</p>	<p>WALL BARRIERS:</p> <p>705, 705FR-A OR 705VP</p>	<p>4.16</p>
	<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>			



	<p>0</p> <p>REFER TO NOTES</p>	<p>ROOF BARRIERS:</p> <p>VapAir SEAL 725TR OR MD</p>	<p>WALL BARRIERS:</p> <p>BARRITECH, BARRISEAL OR BARRITHANE</p>	<p>4.17</p>
		<p>REFER TO SPECS FOR ADDITIONAL INFORMATION</p>		





WALL OPTIONS:  
 • POURED CONCRETE  
 • CMU  
 • STEEL STUD

TERMINATION BAR WITH APPROVED MECHANICAL FASTENERS SPACED 12" (305mm) O.C.

WALL AIR BARRIER OPTIONS:  
 • 705  
 • 705FR-A  
 • 705VP

SEALANT TO COVER STEP-OFF AND FASTENER HEAD

IF	• 705	• BarriBond
	• 705FR-A	• LM-800XL
IF	• 705VP	• DOW 758 SILICONE

CCW CONTACT ADHESIVE OPTIONS

• 702**	• 715**
• 702 WB	• CAV-GRIP
• 702 LV**	

\*\*NOT FOR USE WITH 705VP

705 TWF- TERMINATE 1/2" (13mm) FROM EXTERIOR

METAL DRIP EDGE

GRADE

METAL COUNTER FLASHING

CCW MIRADRI 860/861

CCW MIRADRAIN

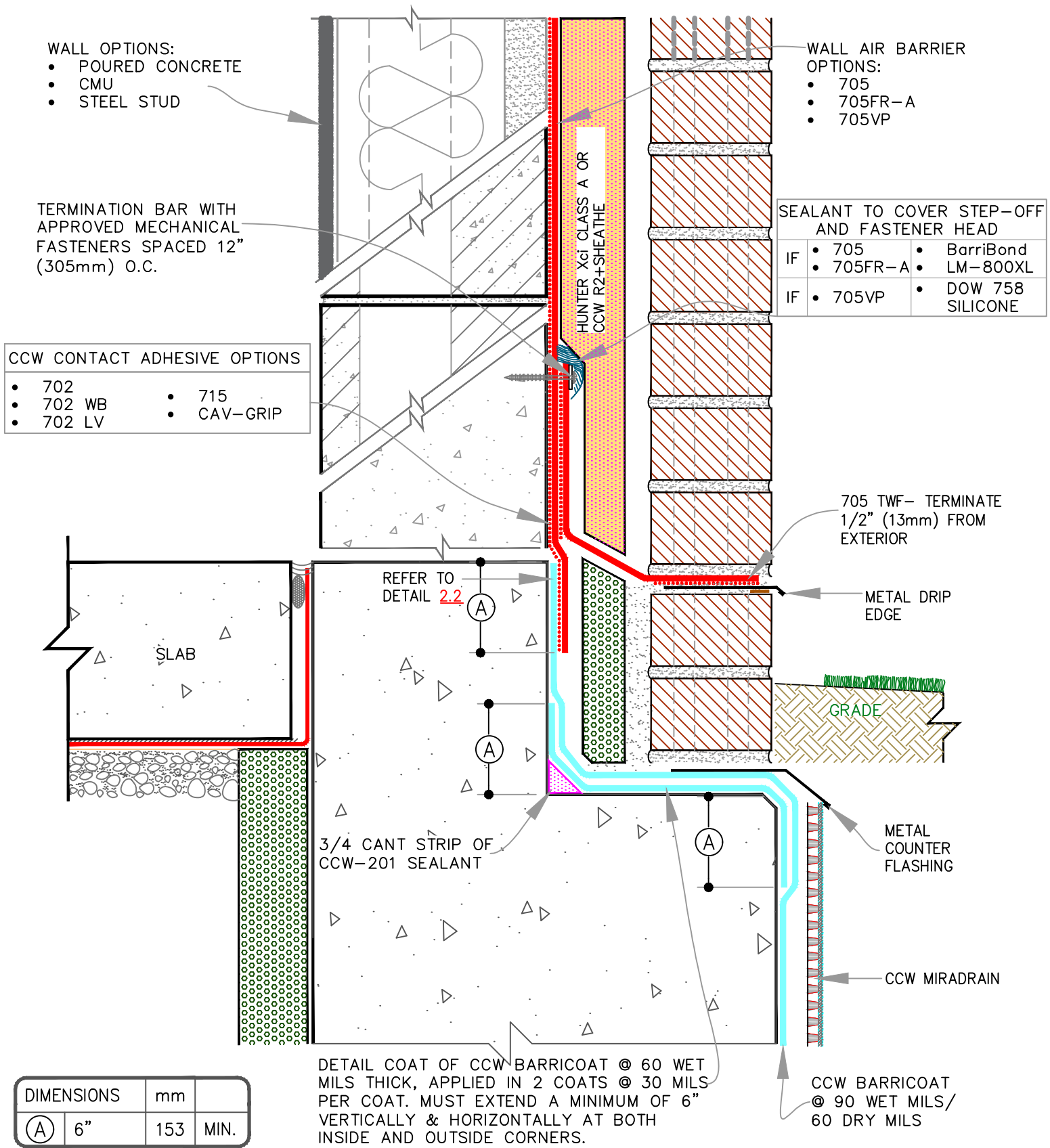
REFER TO DETAIL 2.1

3/4 CANT STRIP OF CCW-201 SEALANT

DETAIL STRIPS OF CCW MiraDRI 860/861. STRIPS MUST EXTEND A MINIMUM OF 6" VERTICALLY & HORIZONTALLY AT BOTH INSIDE AND OUTSIDE CORNERS

DIMENSIONS	mm	
(A)	6"	153 MIN.

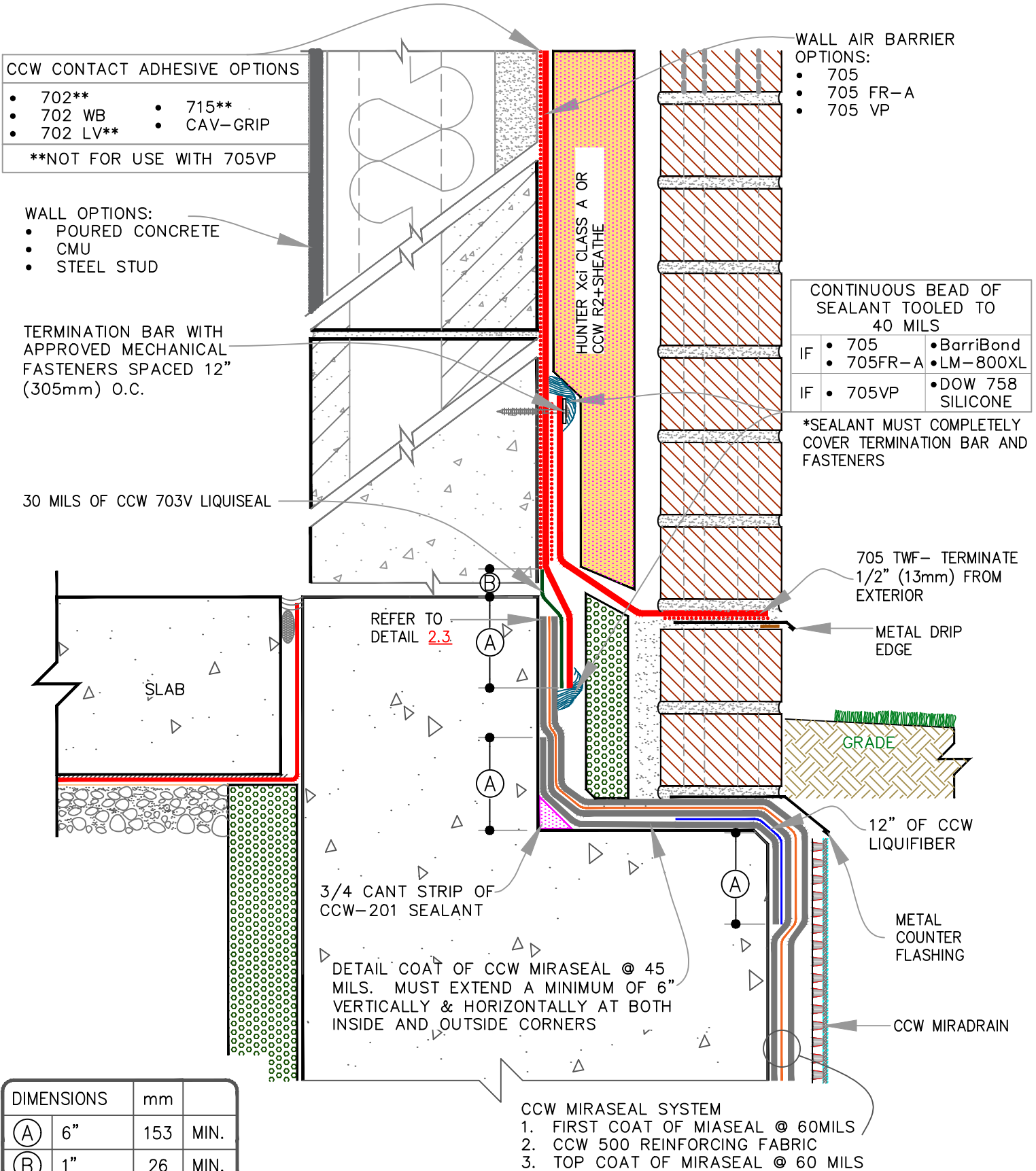
	0	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.1
	REFER TO NOTES	705, 705FR-A OR 705VP	MIRADRI 860/861	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



DIMENSIONS	mm
(A) 6"	153 MIN.

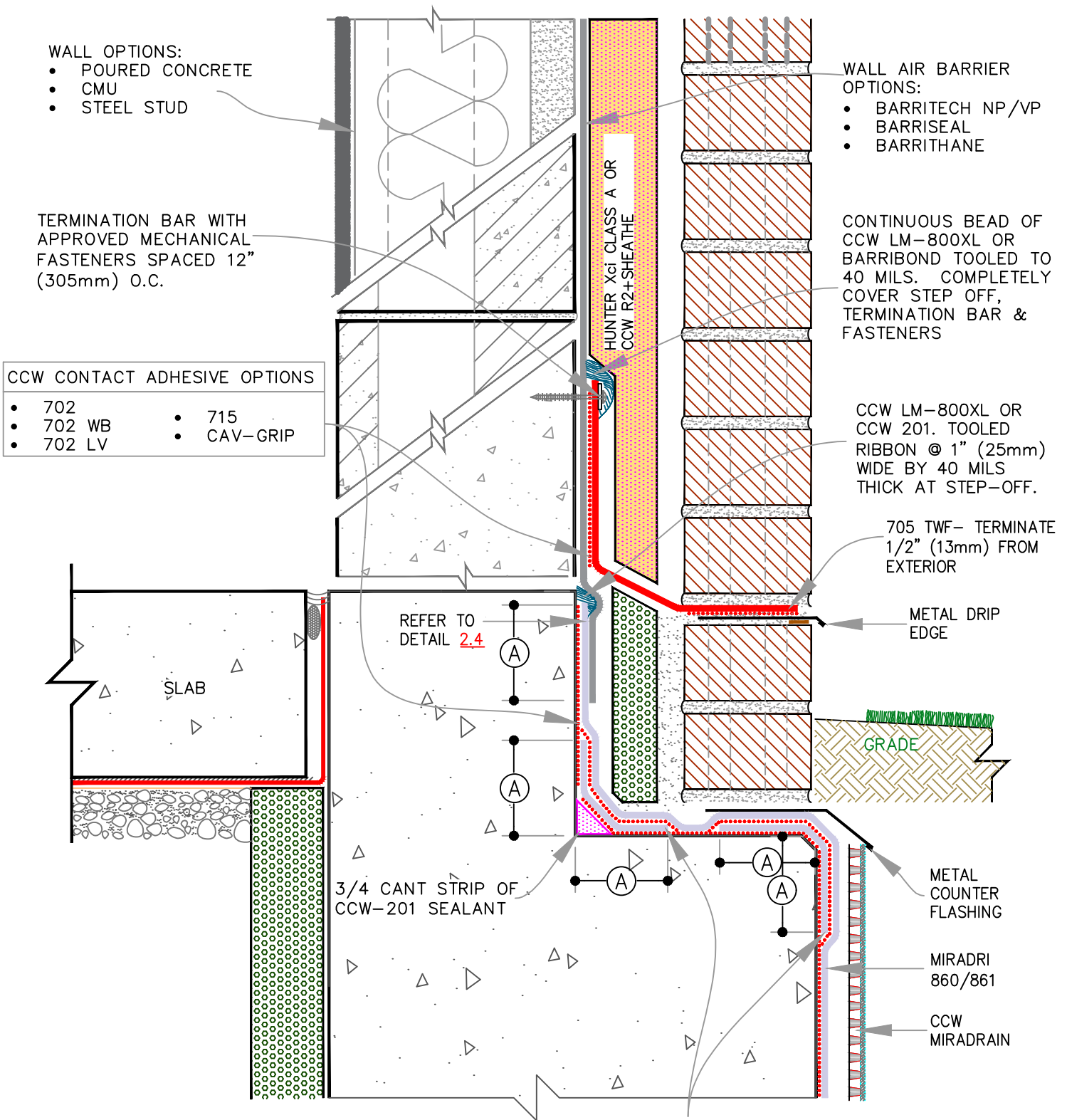
	0	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.2
	REFER TO NOTES	705, 705FR-A OR 705VP	BARRICOAT	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

# ENVELOPE TIE-IN DETAILS



DIMENSIONS		mm	
(A)	6"	153	MIN.
(B)	1"	26	MIN.

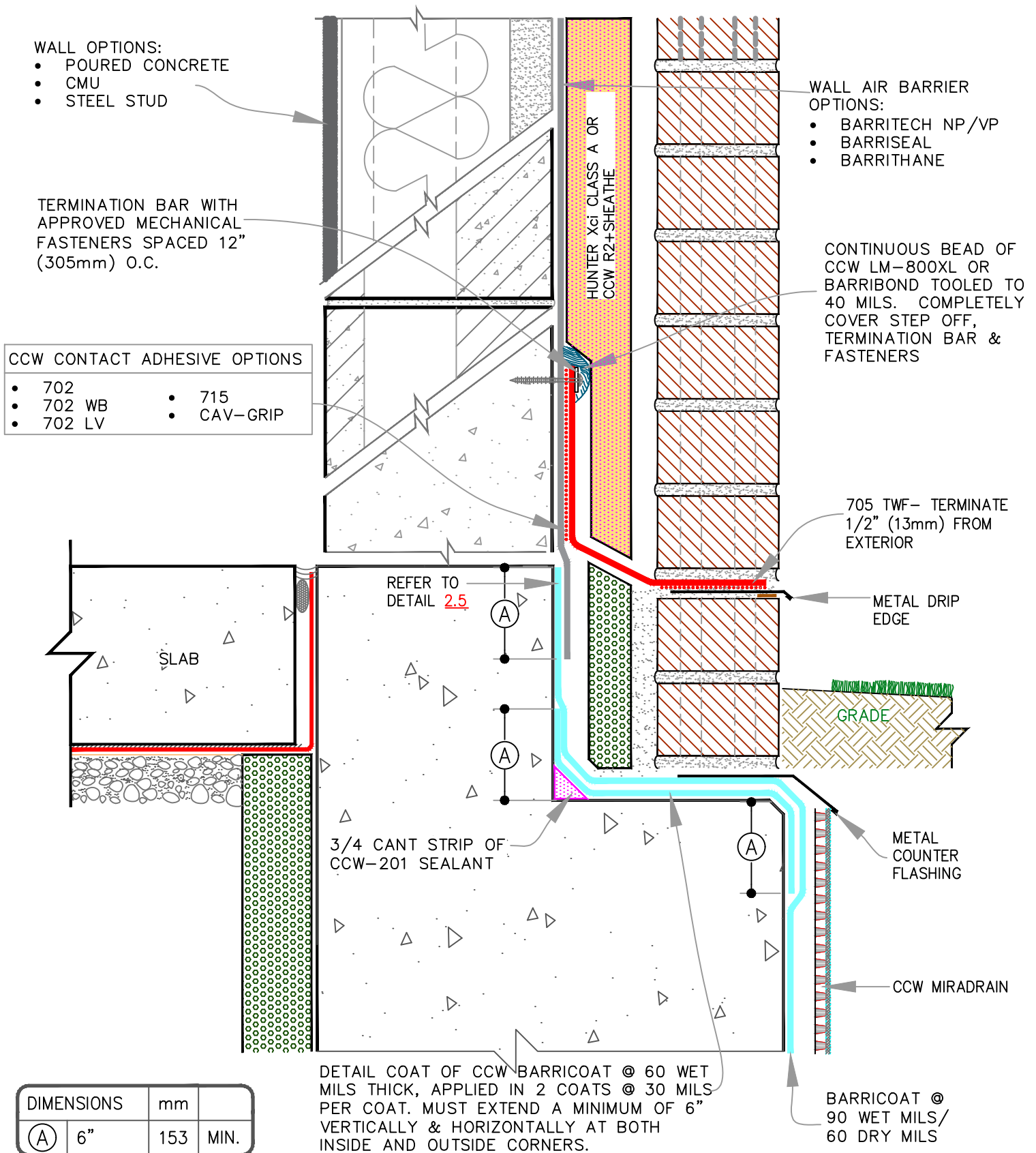
	0	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.3
	REFER TO NOTES	705, 705FR-A OR 705VP	MIRASEAL	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



DETAIL STRIPS OF CCW MiraDRI 860/861. STRIPS MUST EXTEND A MINIMUM OF 6" VERTICALLY & HORIZONTALLY AT BOTH INSIDE AND OUTSIDE CORNERS

DIMENSIONS	mm	
(A)	6"	153 MIN.

	0	<b>WALL BARRIERS:</b>	<b>BELOW GRADE BARRIERS:</b>	5.4
	REFER TO NOTES	BARRITECH, BARRISEAL OR BARRITHANE	MIRADRI 860/861	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



DIMENSIONS	mm	
(A)	6"	153 MIN.

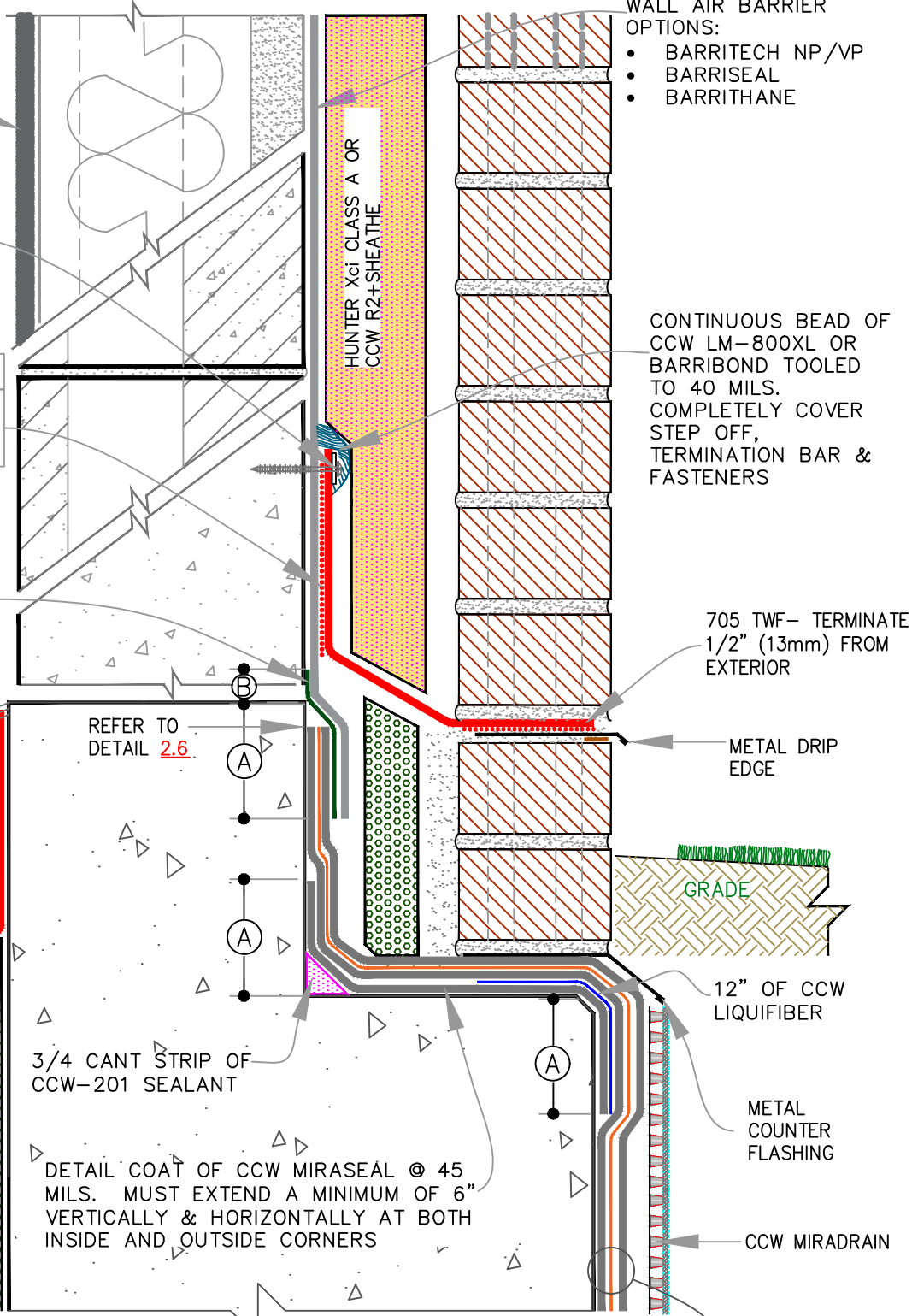
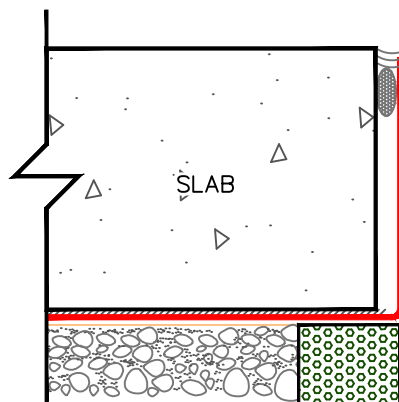
	0	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.5
	REFER TO NOTES	BARRITECH, BARRISEAL OR BARRITHANE	BARRICOAT	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

- WALL OPTIONS:
- POURED CONCRETE
  - CMU
  - STEEL STUD

TERMINATION BAR WITH APPROVED MECHANICAL FASTENERS SPACED 12" (305mm) O.C.

- CCW CONTACT ADHESIVE OPTIONS
- 702
  - 702 WB
  - 702 LV
  - 715
  - CAV-GRIP

30 MILS OF CCW 703V LIQUISEAL



- WALL AIR BARRIER OPTIONS:
- BARRITECH NP/VP
  - BARRISEAL
  - BARRITHANE

CONTINUOUS BEAD OF CCW LM-800XL OR BARRIBOND TOOLED TO 40 MILS. COMPLETELY COVER STEP OFF, TERMINATION BAR & FASTENERS

705 TWF- TERMINATE 1/2" (13mm) FROM EXTERIOR

METAL DRIP EDGE

GRADE

12" OF CCW LIQUIFIBER

METAL COUNTER FLASHING

CCW MIRADRAIN

REFER TO DETAIL 2.6

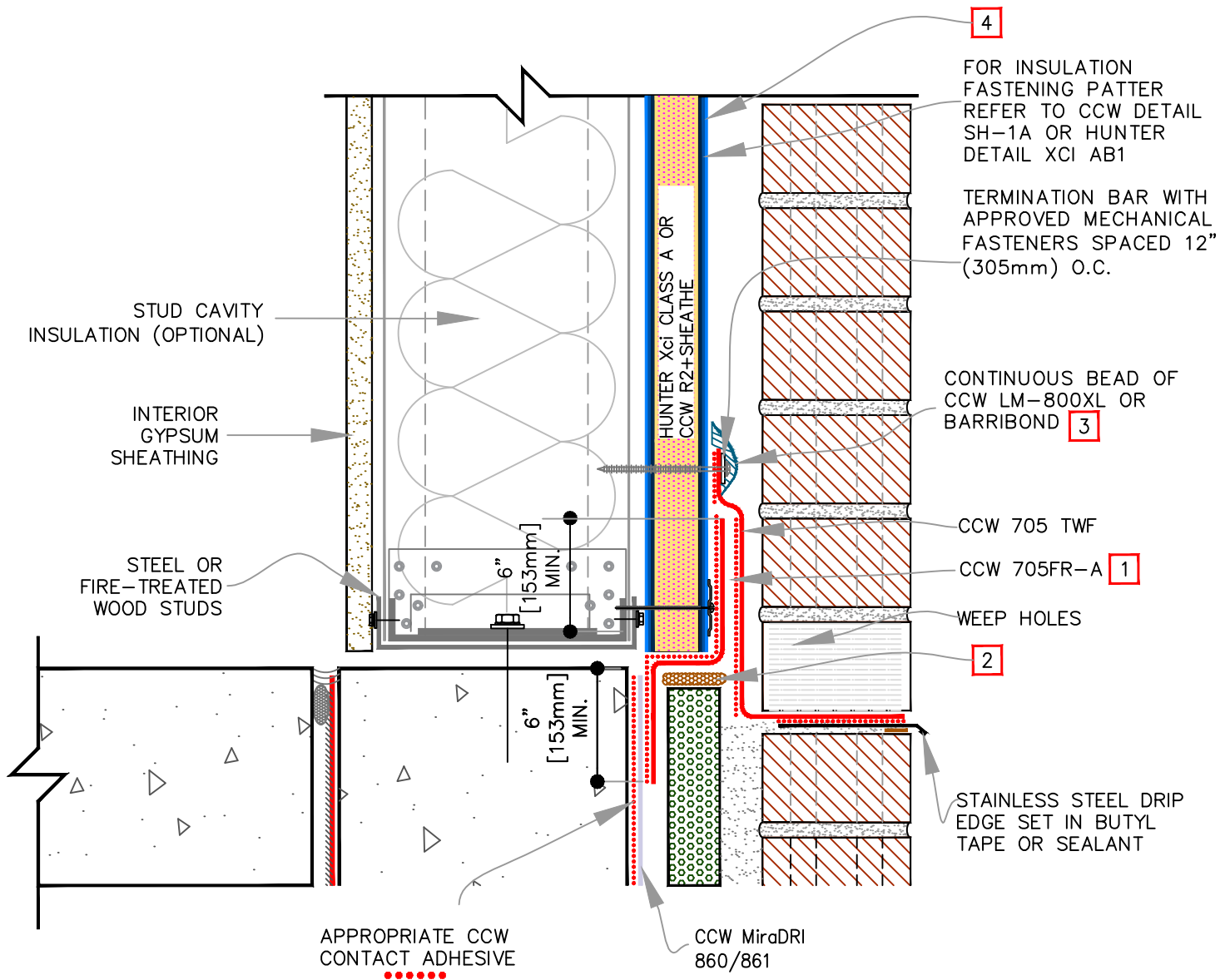
3/4 CANT STRIP OF CCW-201 SEALANT

DETAIL COAT OF CCW MIRASEAL @ 45 MILS. MUST EXTEND A MINIMUM OF 6" VERTICALLY & HORIZONTALLY AT BOTH INSIDE AND OUTSIDE CORNERS

- CCW MIRASEAL SYSTEM
1. FIRST COAT OF MIASEAL @ 60MILS
  2. CCW 500 REINFORCING FABRIC
  3. TOP COAT OF MIRASEAL @ 60 MILS

DIMENSIONS		mm	
(A)	6"	153	MIN.
(B)	1"	26	MIN.

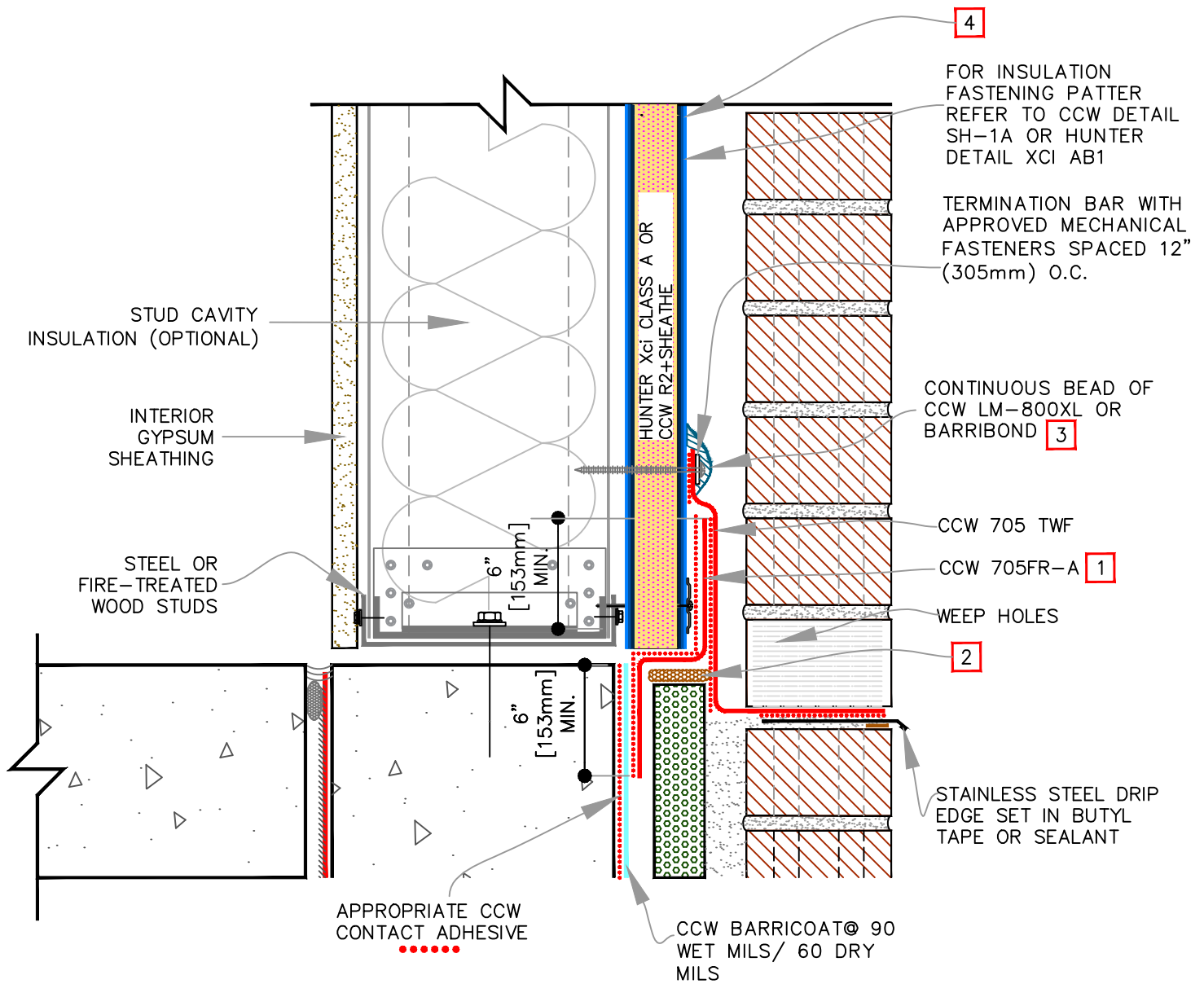
	0	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.6
	REFER TO NOTES	BARRITECH, BARRISEAL OR BARRITHANE	MIRADRI 860/861	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



NOTES:

- 1 USE STRIP OF CCW 705FR-A TO BRIDGE BETWEEN INSULATIVE SHEATHING BOARD AND BELOW GRADE WATERPROOFING
- 2 FILL GAPS AT R2+SHEATE BOARD JOINTS OR PENETRATIONS, EXCEEDING 1/8" (3mm) WIDTH, WITH LOW RISE BEAD OF FOAM SEALANT.
- 3 SEALANT/MASTIC SHALL BE TOOLED TO 40 MILS AND COMPLETELY COVER STEP OFF, TERMINATION BAR & FASTENERS
- 4 TO CREATE A WATER AND AIR TIGHT SEAL, TREAT BOARD JOINTS WITH CCW OR HUNTER FOIL-GRIP 1402 FLASHING TAPE REFERRING TO CCW DETAIL SH-2A.3

	0	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.7
	REFER TO NOTES	Xci CLASS A OR R2+ SHEATHE	MIRADRI 860/861	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

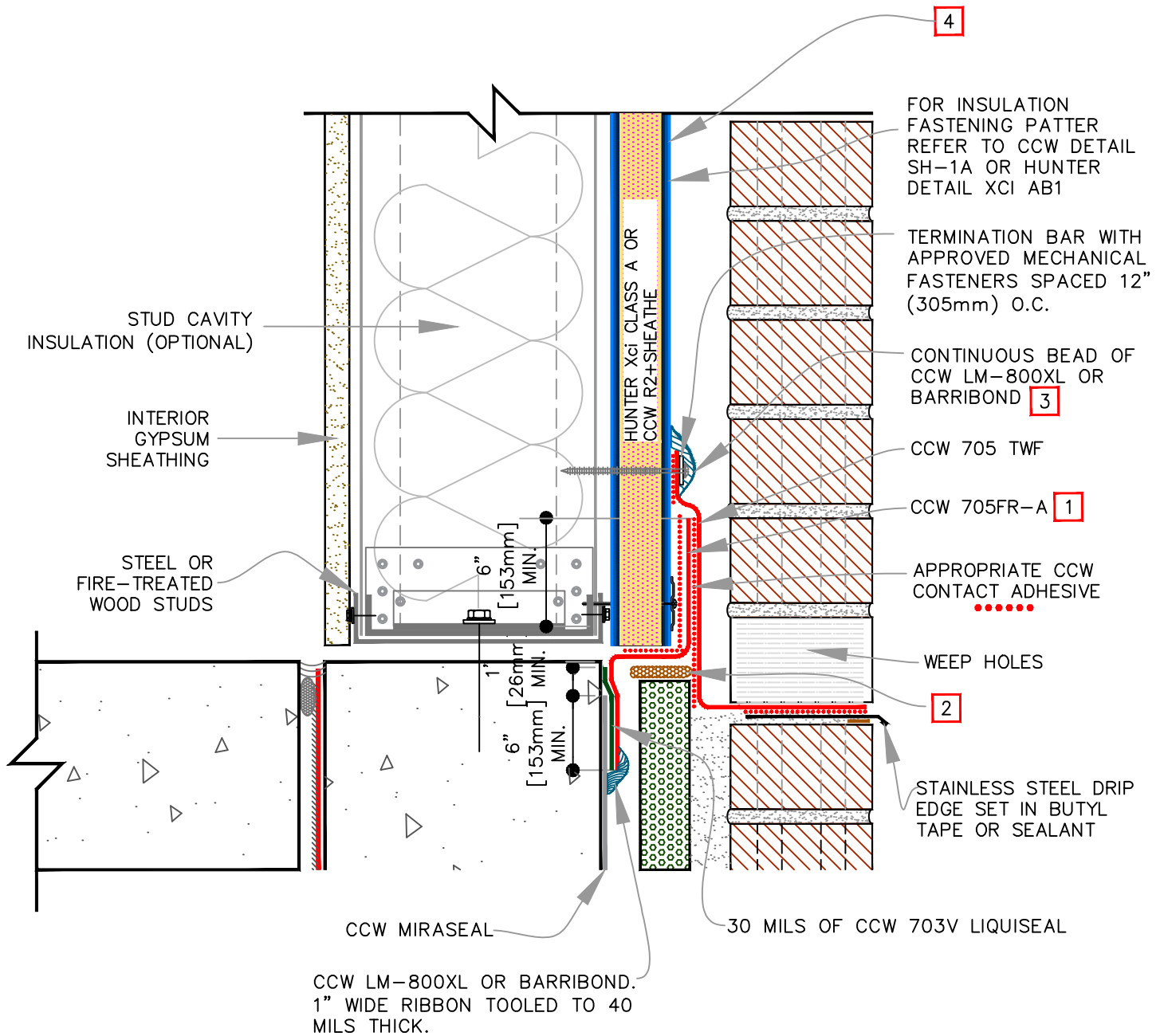


NOTES:

- 1 USE STRIP OF CCW 705FR-A TO BRIDGE BETWEEN INSULATIVE SHEATHING BOARD AND BELOW GRADE WATERPROOFING
- 2 FILL GAPS AT R2+SHEATE BOARD JOINTS OR PENETRATIONS, EXCEEDING 1/8" (3mm) WIDTH, WITH LOW RISE BEAD OF FOAM SEALANT.
- 3 SEALANT/MASTIC SHALL BE TOOLED TO 40 MILS AND COMPLETELY COVER STEP OFF, TERMINATION BAR & FASTENERS
- 4 TO CREATE A WATER AND AIR TIGHT SEAL, TREAT BOARD JOINTS WITH CCW OR HUNTER FOIL-GRIP 1402 FLASHING TAPE REFERRING TO CCW DETAIL SH-2A.3

	0	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.8
	REFER TO NOTES	Xci CLASS A OR R2+ SHEATHE	BARRICOAT	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

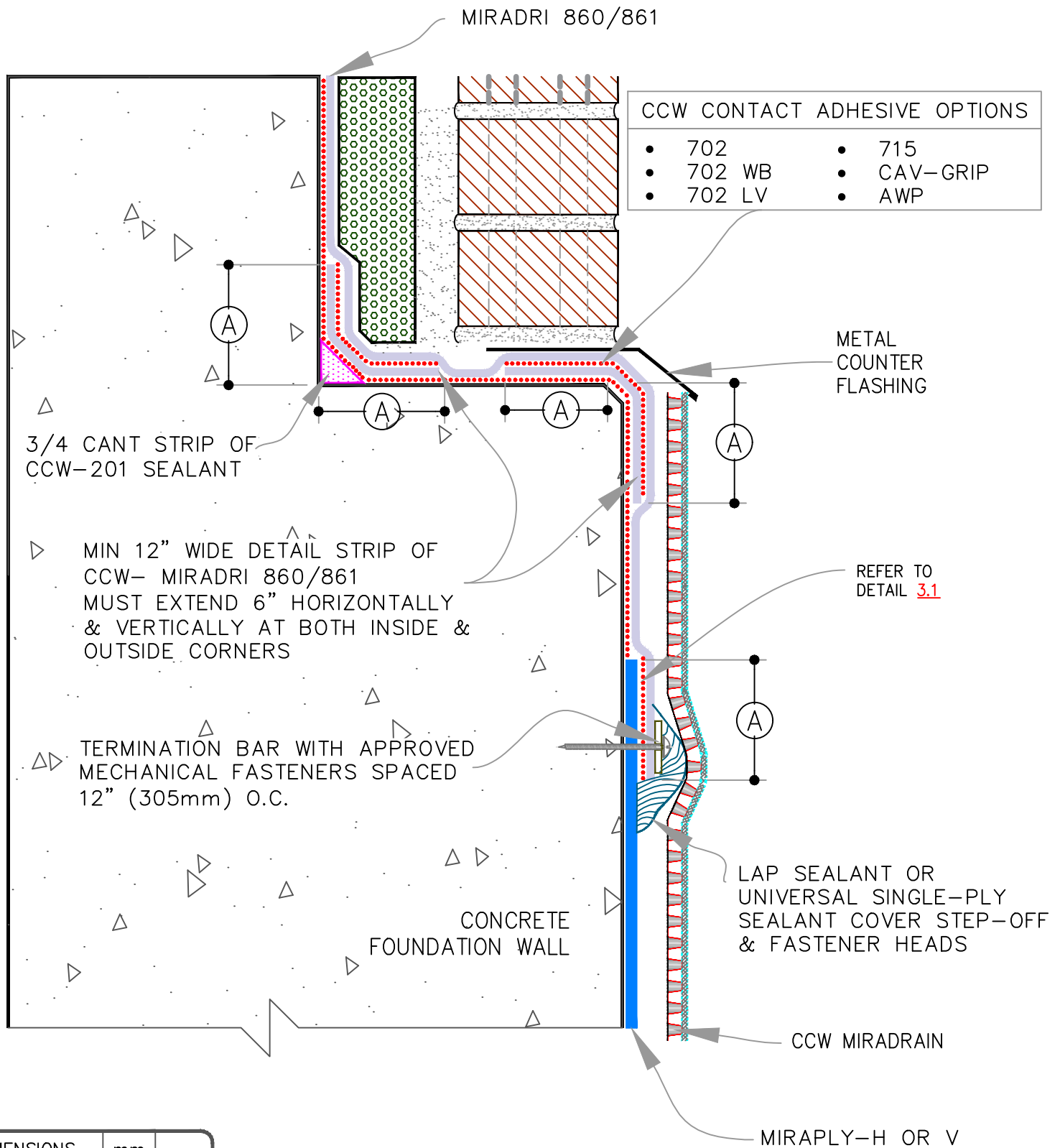




NOTES:

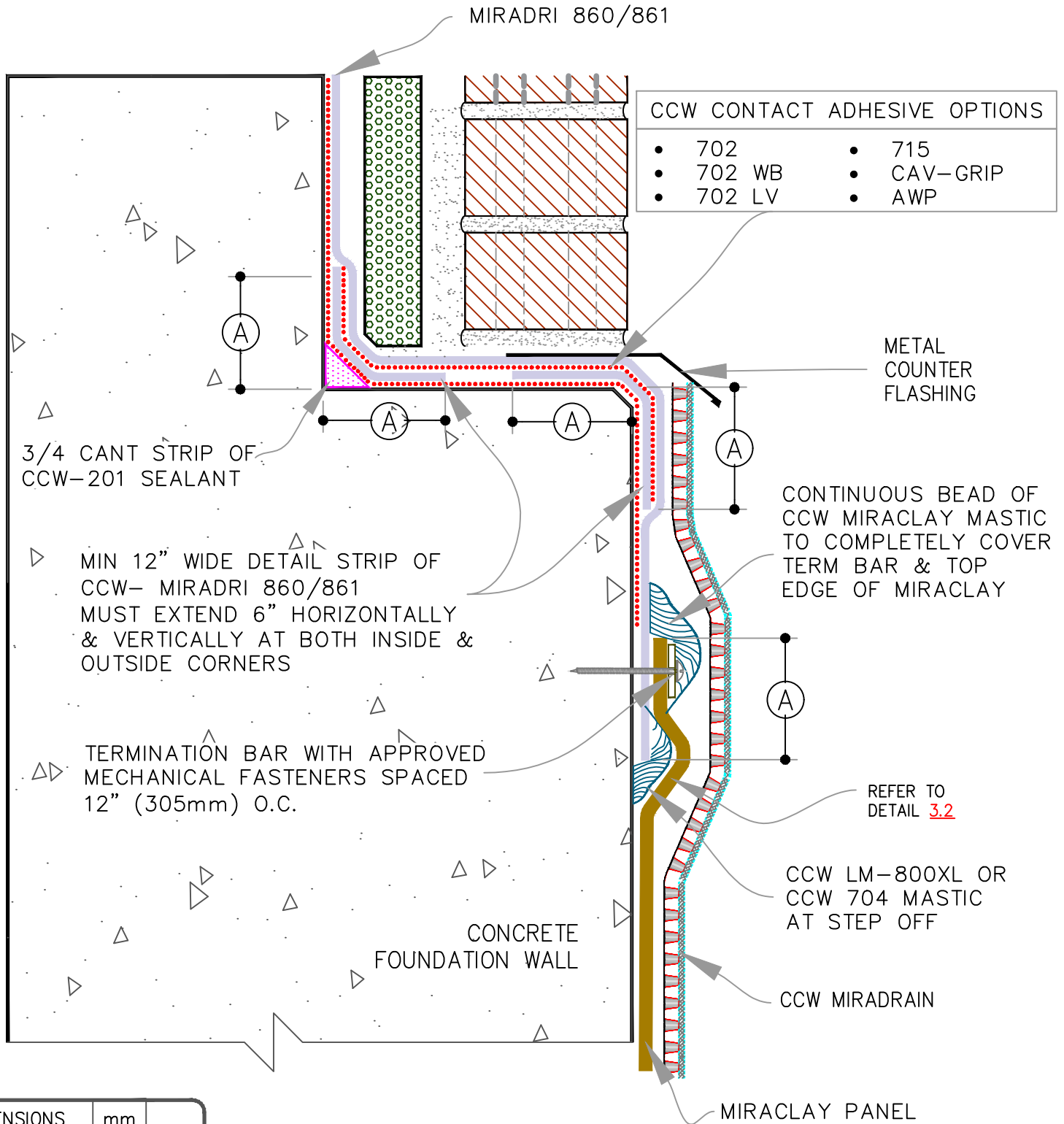
- 1 USE STRIP OF CCW 705FR-A TO BRIDGE BETWEEN INSULATIVE SHEATHING BOARD AND BELOW GRADE WATERPROOFING
- 2 FILL GAPS AT R2+SHEATE BOARD JOINTS OR PENETRATIONS, EXCEEDING 1/8" (3mm) WIDTH, WITH LOW RISE BEAD OF FOAM SEALANT.
- 3 SEALANT/MASTIC SHALL BE TOOLED TO 40 MILS AND COMPLETELY COVER STEP OFF, TERMINATION BAR & FASTENERS
- 4 TO CREATE A WATER AND AIR TIGHT SEAL, TREAT BOARD JOINTS WITH CCW OR HUNTER FOIL-GRIP 1402 FLASHING TAPE REFERRING TO CCW DETAIL SH-2A.3

	0	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.9
	REFER TO NOTES	Xci CLASS A OR R2+ SHEATHE	MIRASEAL	
REFER TO SPECS FOR ADDITIONAL INFORMATION				




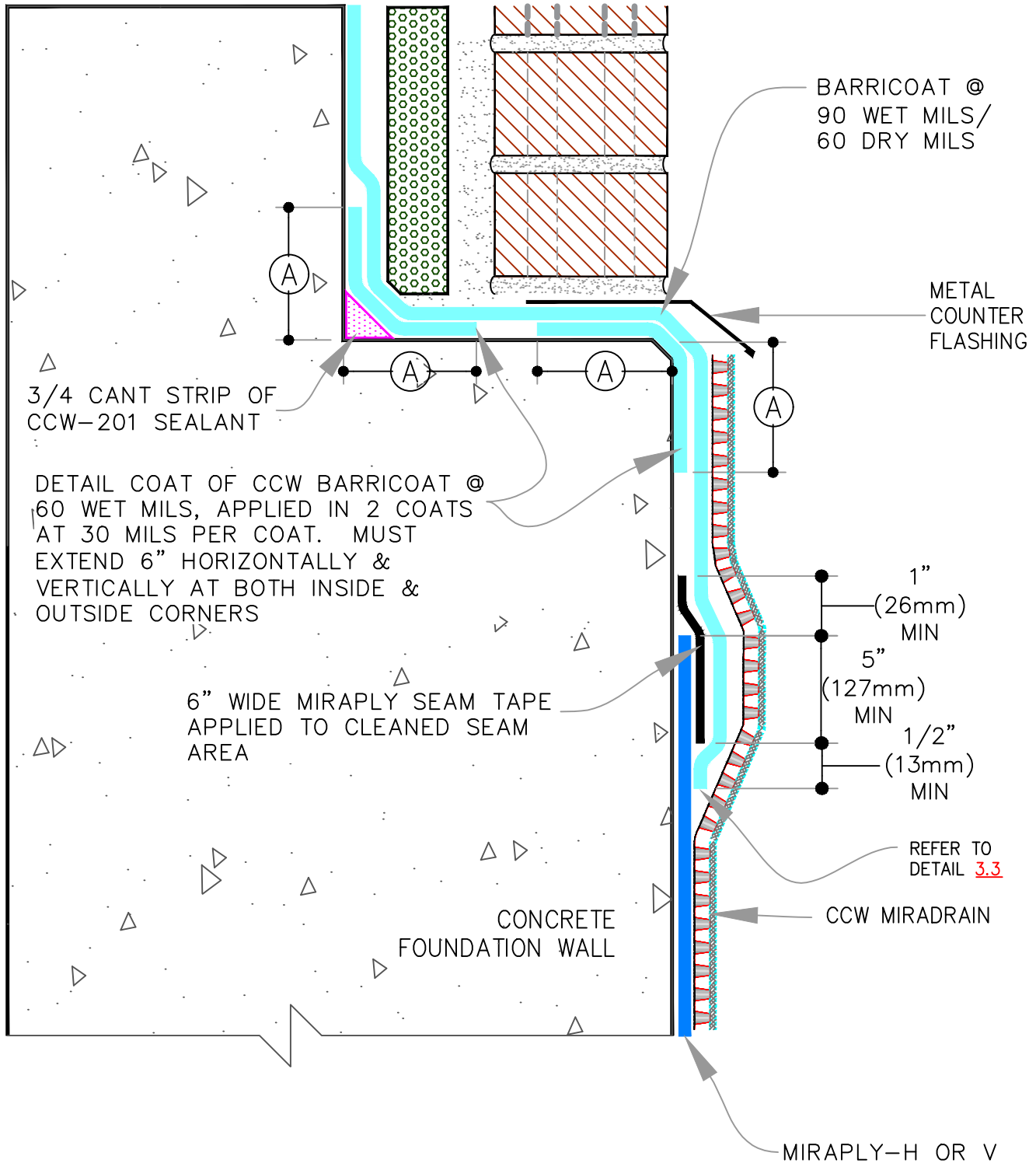
DIMENSIONS	mm
(A) 6"	153 MIN.

	0	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.1
	REFER TO NOTES	MIRADRI 860/861	MIRAPLY H OR V	
REFER TO SPECS FOR ADDITIONAL INFORMATION				




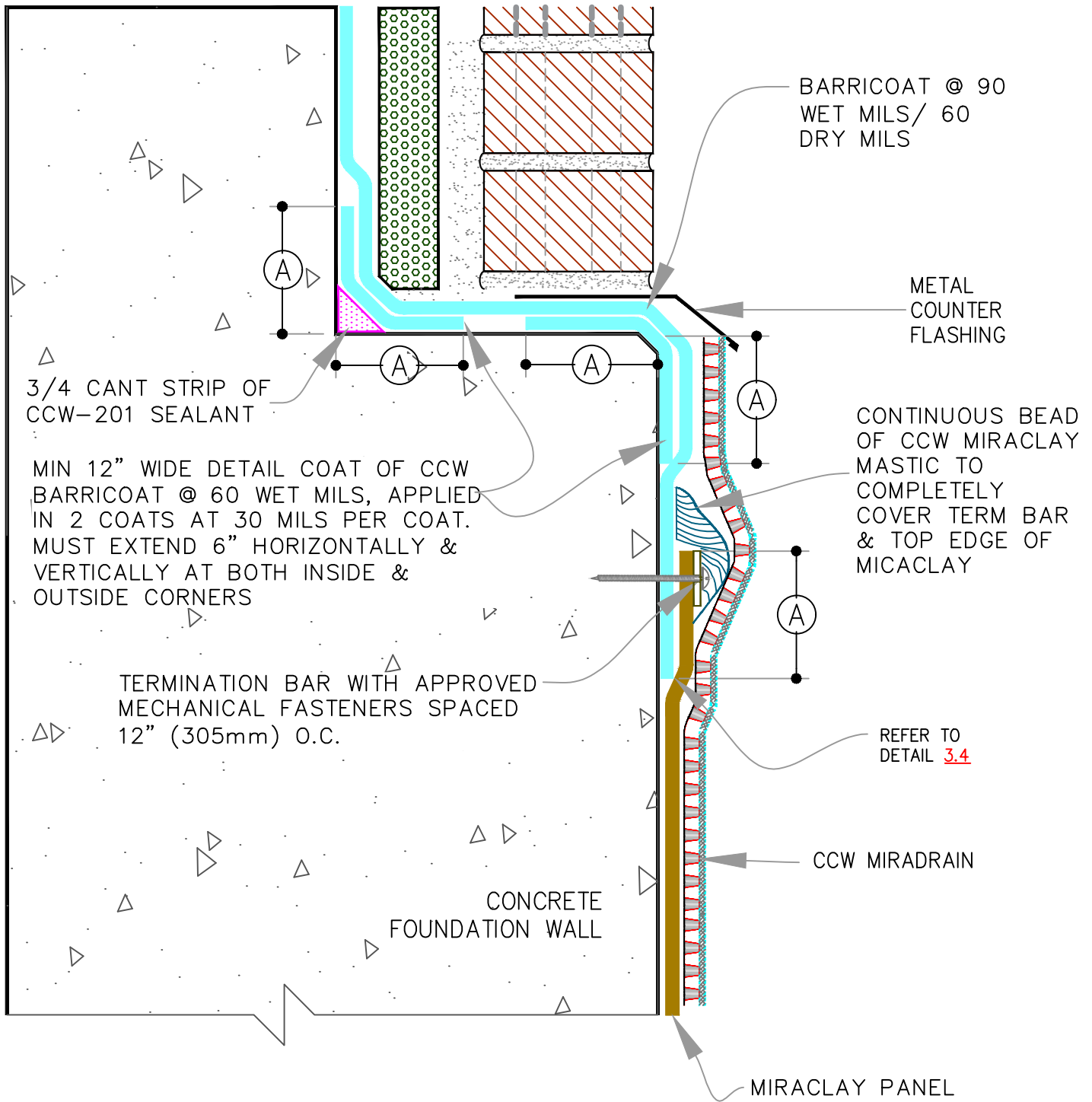
DIMENSIONS	mm	
(A)	6"	153 MIN.

	0	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.2
	REFER TO NOTES	MIRADRI 860/861	MIRACLAY	
REFER TO SPECS FOR ADDITIONAL INFORMATION				




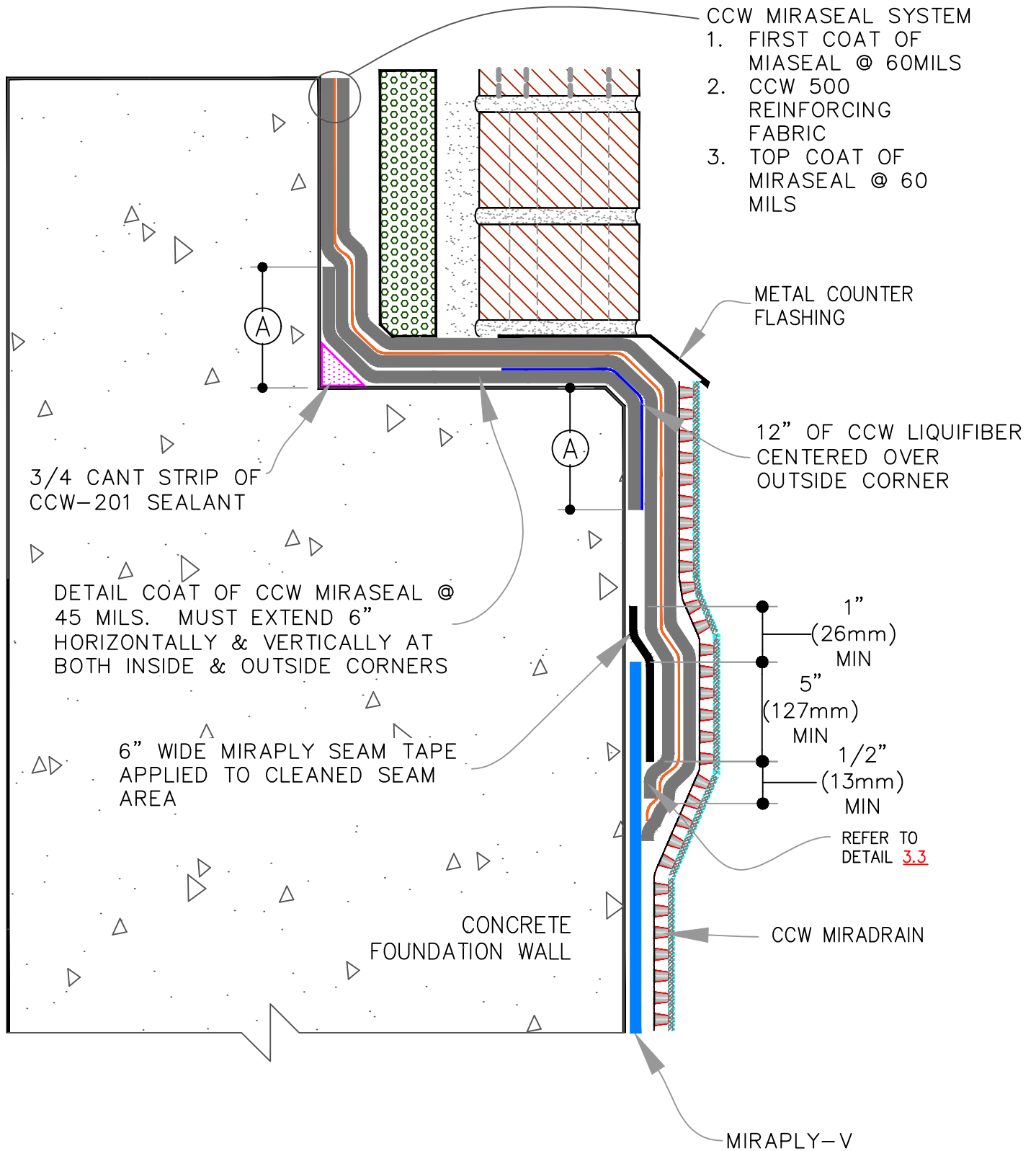
DIMENSIONS	mm	
(A) 6"	153	MIN.

	0	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.3
	REFER TO NOTES	BARRICOAT	MIRAPLY H OR V	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



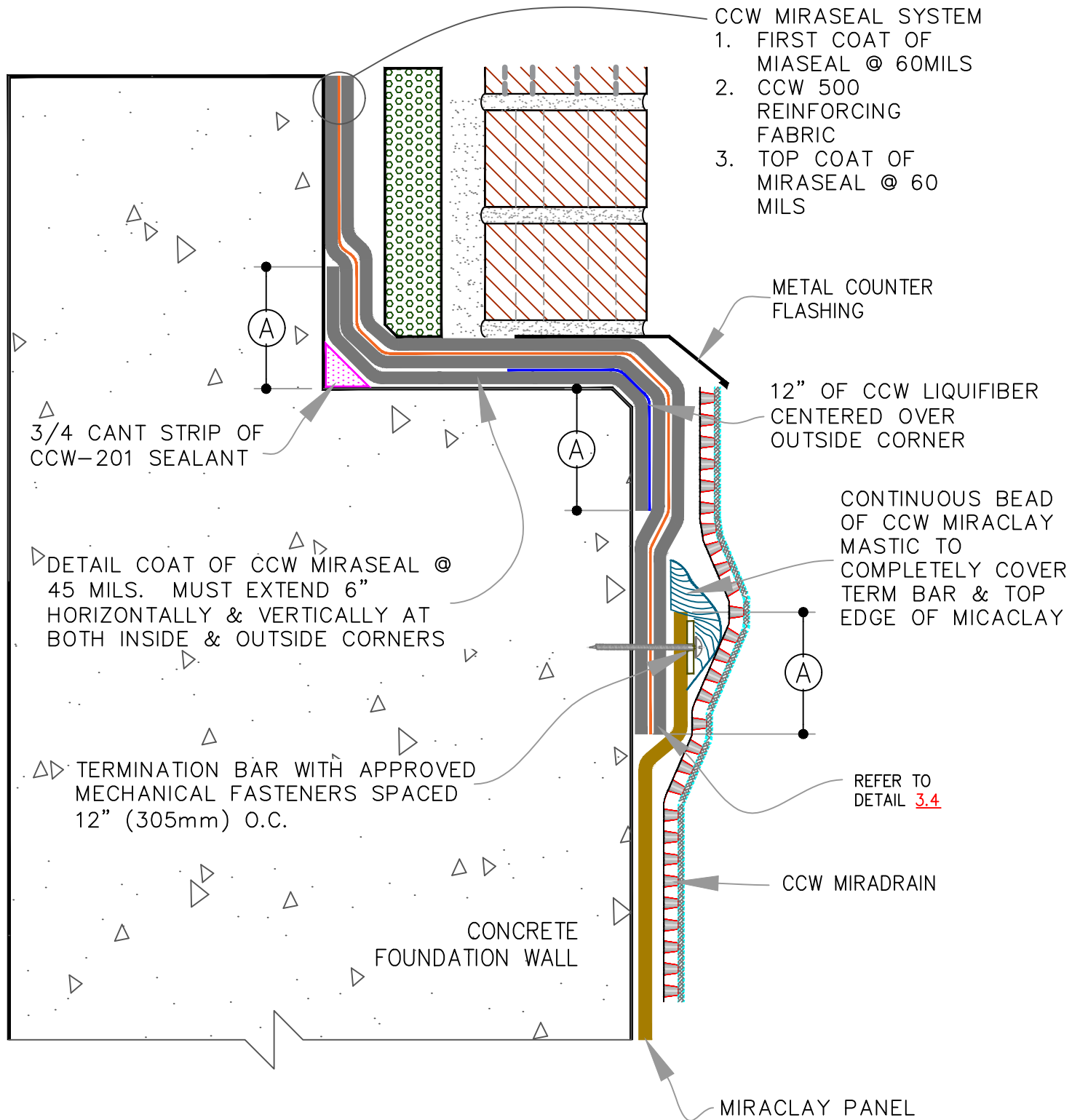
DIMENSIONS	mm	
(A)	6"	153 MIN.

	0	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.4
	REFER TO NOTES	BARRICOAT	MIRACLAY	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



DIMENSIONS	mm	
(A)	6"	153 MIN.

	0	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.5
	REFER TO NOTES	MIRASEAL	MIRAPLY H OR V	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



DIMENSIONS		mm
(A)	6"	153 MIN.

	0	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.6
	REFER TO NOTES	MIRASEAL	MIRACLAY	
REFER TO SPECS FOR ADDITIONAL INFORMATION				