

NVELOP Tie-in Details

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January 2019

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EPDM or TPO to 705 or 705FR-A	4.2
PVC or KEE HP to 705FR-A	4.3A
PVC or KEE HP to 705	4.3B
PVC or KEE HP to 705, 705FR-A or 705VP	4.3C

PARAPET DETAIL: SINGLE-PLY ROOF MEMBRANE TO FLUID APPLIED WALL BARRIER

EPDM or TPO to Barritech, Barriseal or Barrithane (Option 1)	4.4
EPDM or TPO to Barritech, Barriseal or Barrithane (Option 2)	4.5
PVC or KEE HP to Barritech, Barriseal or Barrithane	4.6

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VapAir Seal 725TR or VapAir Seal MD to 705VP, 705 or 705FR-A	4.8
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VapAir Seal 725TR or VapAir Seal MD to Barritech, Barriseal or Barrithane (Option 1)	4.10
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SHEET APPLIED WALL BARRIER TO SHEET APPLIED POSITIVE SIDE WATERPROOFING

705, 705FR-A or 705VP to MiraDRI 860/861	5.1
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SHEET APPLIED WALL BARRIER TO LIQUID APPLIED POSITIVE SIDE WATERPROOFING

705, 705FR-A or 705VP to Barricoat	5.2
705, 705FR-A or 705VP to MiraSEAL	5.3

LIQUID APPLIED WALL BARRIER TO SHEET APPLIED POSITIVE SIDE WATERPROOFING

Barritech, Barriseal or Barrithane to MiraDRI 860/861	5.4
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LIQUID APPLIED WALL BARRIER TO LIQUID APPLIED POSITIVE SIDE WATERPROOFING

Barritech, Barriseal or Barrithane to Barricoat	5.5
Barritech, Barriseal or Barrithane to MiraSEAL	5.6

SHEATHING INSULATION BOARD TO SHEET APPLIED POSITIVE SIDE WATERPROOFING

Hunter Xci Class A or CCW R2+ Sheathe to MiraDRI 860/861	5.7
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SHEATHING INSULATION BOARD TO LIQUID APPLIED POSITIVE SIDE WATERPROOFING

Hunter Xci Class A or CCW R2+ Sheathe to Barricoat	5.8
Hunter Xci Class A or CCW R2+ Sheathe to MiraSEAL	5.9

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

SHEET APPLIED POSITIVE SIDE WATERPROOFING TO SHEET APPLIED BLIND SIDE WATERPROOFING

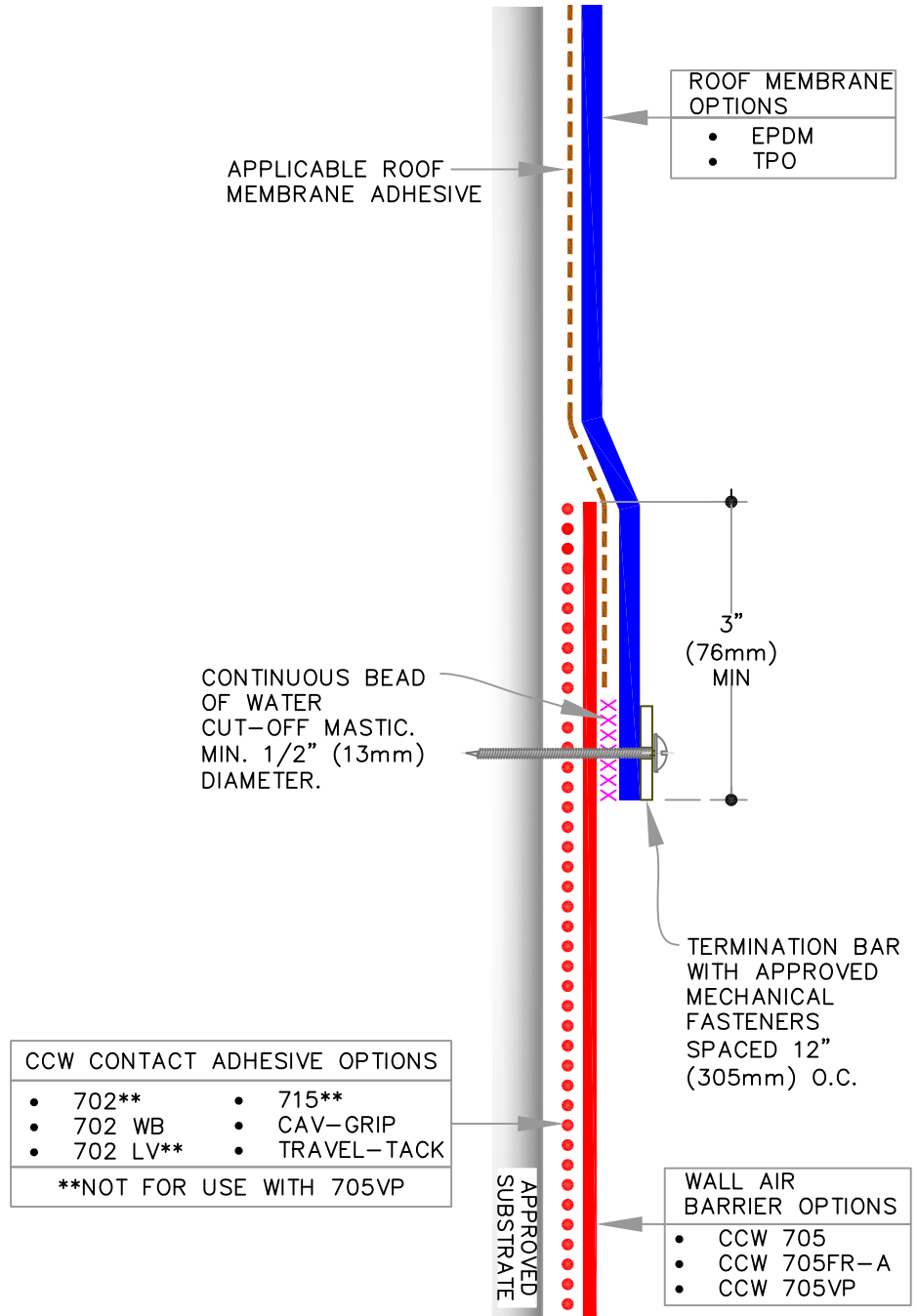
MiraDRI 860/861 to MiraPLY	6.1
MiraDRI 860/861 to MiraCLAY	6.2

FLUID APPLIED POSITIVE SIDE WATERPROOFING TO SHEET APPLIED BLIND SIDE WATERPROOFING


Barricoat to MiraPLY	6.3
Barricoat to MiraCLAY	6.4
MiraSEAL to MiraPLY	6.5
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 FASTENED 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.

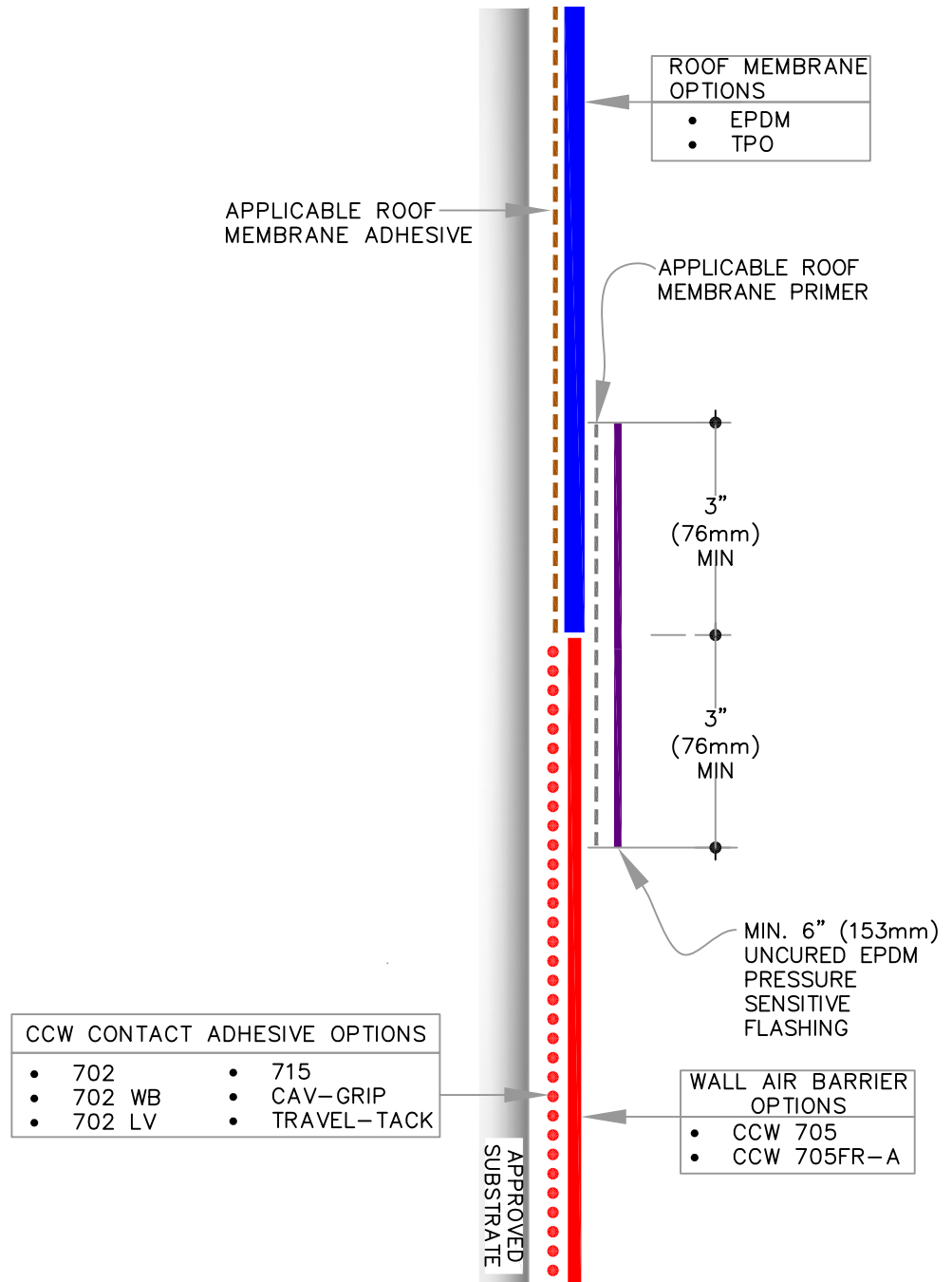


THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 4](#).


 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.1
		EPDM OR TPO	705, 705FR—A OR 705VP	
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.

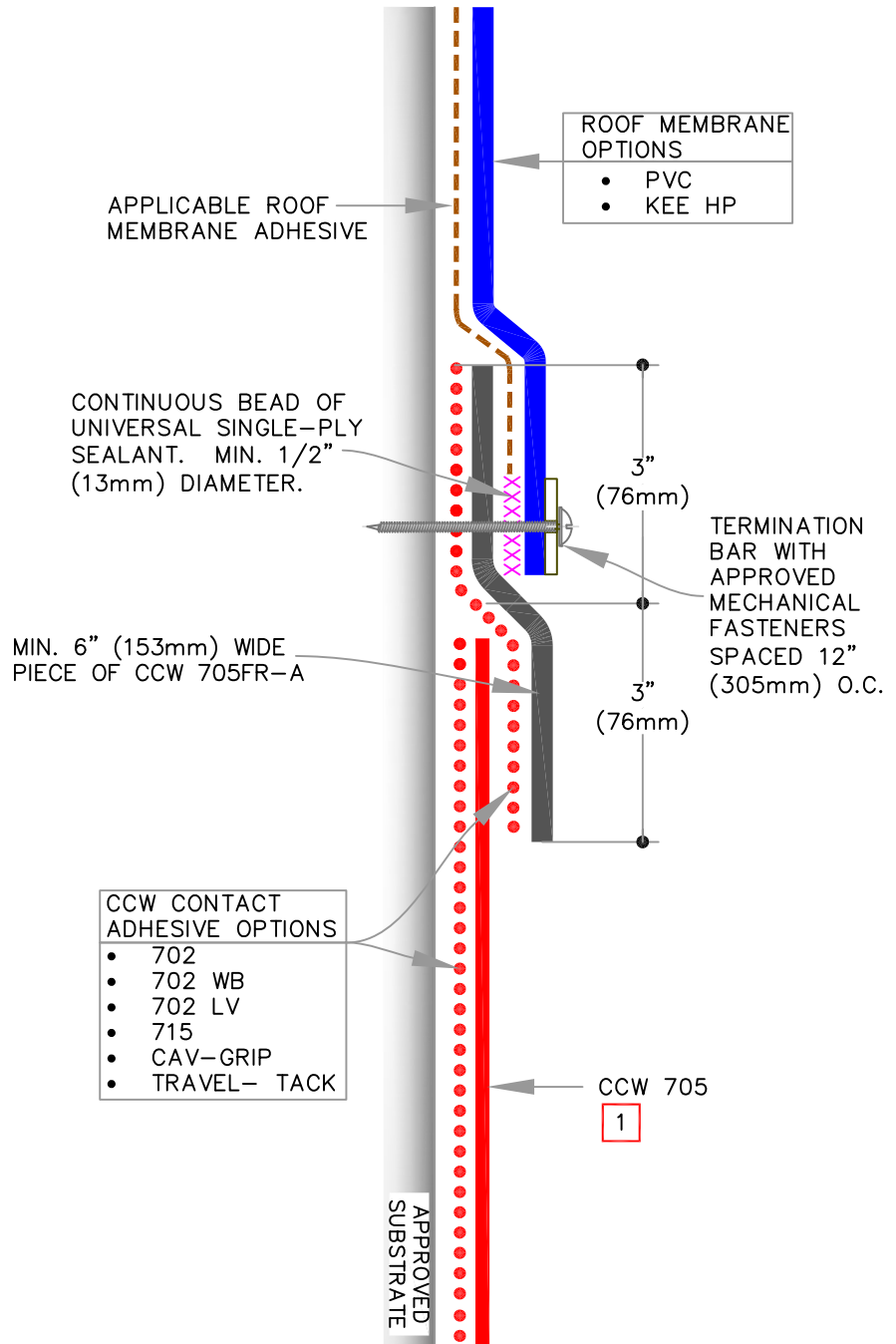


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 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.2
		EPDM OR TPO	705 OR 705FR – A	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		


INSTALLATION STEPS:

- 1: APPLY APPROPRIATE CCW PRIMER A MINIMUM OF 3" (76mm) ONTO THE FACE OF THE PREVIOUSLY INSTALLED CCW-705 AND A MINIMUM OF 3" (76mm) ONTO SUBSTRATE
- 2: INSTALL A MINIMUM 6" (153mm) WIDE STRIP OF CCW 705FR-A CENTERED OVER STEP-OFF OF PREVIOUSLY INSTALLED AIR BARRIER SO THAT 3" (76mm) EXTENDS ONTO THE PRIMED CCW-705 AND THE REMAINING 3" (76mm) EXTENDS BEYOND STEP-OFF, ONTO PRIMED SUBSTRATE. INSTALL BY REMOVING THE RELEASE LINER AND PRESSING INTO PLACE. ROLL CCW 705FR-A STRIP WITH 2" HAND ROLLER.
- 3: APPLY APPROPRIATE ROOF MEMBRANE BONDING ADHESIVE OVER SUBSTRATE, CONTINUING 2" (51mm) ONTO THE CCW 705FR-A. ALLOW ADHESIVE TO FLASH OFF ACCORDING TO SPECIFIC ADHESIVE INSTALLATION INSTRUCTIONS.
- 4: INSTALL PVC/KEE HP ROOF MEMBRANE, EXTENDING IT 3" (76mm) ONTO THE CCW 705FR-A. CUT ROOF MEMBRANE AS STRAIGHT AS POSSIBLE TO HELP WITH ALIGNMENT OF TERMINATION BAR. ROLL OVERLAP WITH 2" HAND ROLLER TO ENSURE FULL ADHESION, ENSURING THE LAST 1" (26mm) OF THE ROOF MEMBRANE IS NOT ADHERED TO ALLOW APPLICATION OF UNIVERSAL SINGLE-PLY SEALANT HIGHLIGHTED IN STEP 4.
- 5: APPLY A CONTINUOUS BEAD OF UNIVERSAL SINGLE-PLY SEALANT A MINIMUM OF 1/2" (13mm) IN DIAMETER BETWEEN THE FACE OF THE CCW 705FR-A AND UNDERSIDE OF THE PVC/KEE HP ROOF MEMBRANE. SEALANT SHALL BE APPLIED DIRECTLY IN LINE WITH PLANNED TERMINATION BAR LOCATION.
- 6: WHILE SEALANT IS STILL WET, INSTALL TERMINATION BAR OVER SINGLE-PLY MEMBRANE, SANDWICHING SEALANT BETWEEN THE ROOF MEMBRANE AND THE CCW 705FR-A. TERMINATION BAR SHALL BE FASTENED 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.



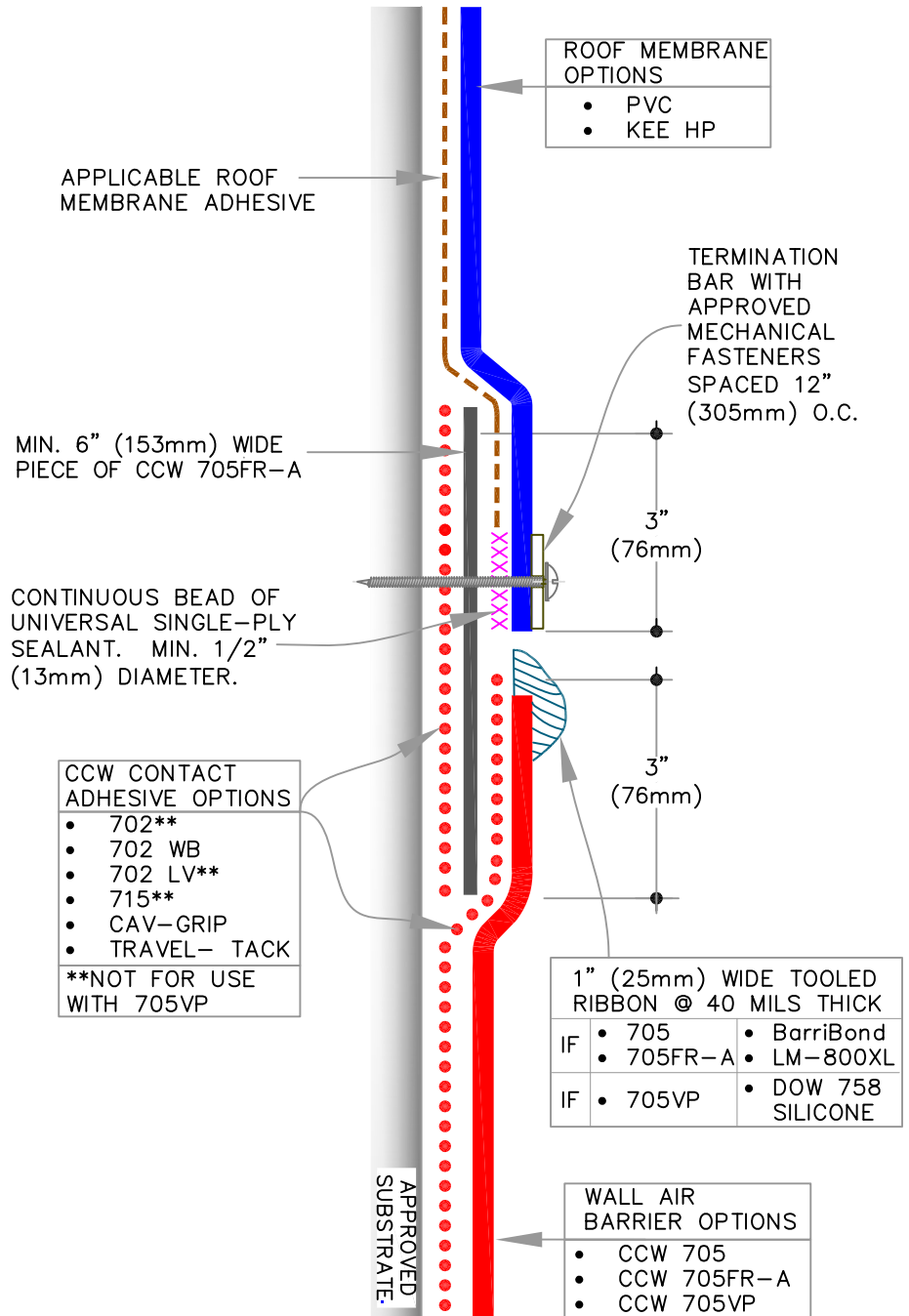
NOTES:

- 1** THIS DETAIL IS NOT APPLICABLE FOR FABRIC FACED 705VP. REFER TO NVELOP DETAIL 1.3C WHEN CCW-705VP IS USED.


THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 4 .				
	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.3B
		PVC OR KEE HP	705	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		

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 MEMBRANE WITH 2" HAND ROLLER.
- 2: INSTALL PVC/KEE HP ROOF MEMBRANE, EXTENDING IT 3" (76mm) ONTO THE CCW 705FR-A. 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 UNIVERSAL SINGLE-PLY SEALANT HIGHLIGHTED IN STEP 3.
- 3: APPLY A CONTINUOUS BEAD OF UNIVERSAL SINGLE-PLY SEALANT A MINIMUM OF 1/2" (13mm) IN DIAMETER BETWEEN THE FACE OF THE CCW 705FR-A TRANSITION MEMBRANE AND THE UNDERSIDE OF THE PVC/KEE HP ROOF MEMBRANE. SEALANT SHALL BE APPLIED DIRECTLY IN LINE WITH PLANNED TERMINATION BAR LOCATION.
- 4: WHILE SEALANT IS STILL WET, INSTALL TERMINATION BAR OVER PVC/KEE HP ROOF MEMBRANE, SANDWICHING THE SEALANT BETWEEN THE ROOF MEMBRANE AND THE CCW 705FR-A TRANSITION MEMBRANE. TERMINATION BAR SHALL BE FASTENED WITH APPROVED FASTENERS AT A MINIMUM OF 12" (305mm) ON CENTER. FASTENERS SHALL PENETRATE THROUGH THE BEAD OF SEALANT TO ENSURE A WATER AND AIR TIGHT SEAL.
- 5: INSTALL CCW 705VP, 705 OR 705FR-A 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.
- 6: APPLY A CONTINUOUS BEAD OF SEALANT (SEE SEALANT CHART TO THE RIGHT OF DRAWING) TOOLED TO 1" (25mm) WIDE BY 40 MILS THICK AT CCW 705 PRODUCT STEP-OFF TO PREVENT BUCKING OF WATER.

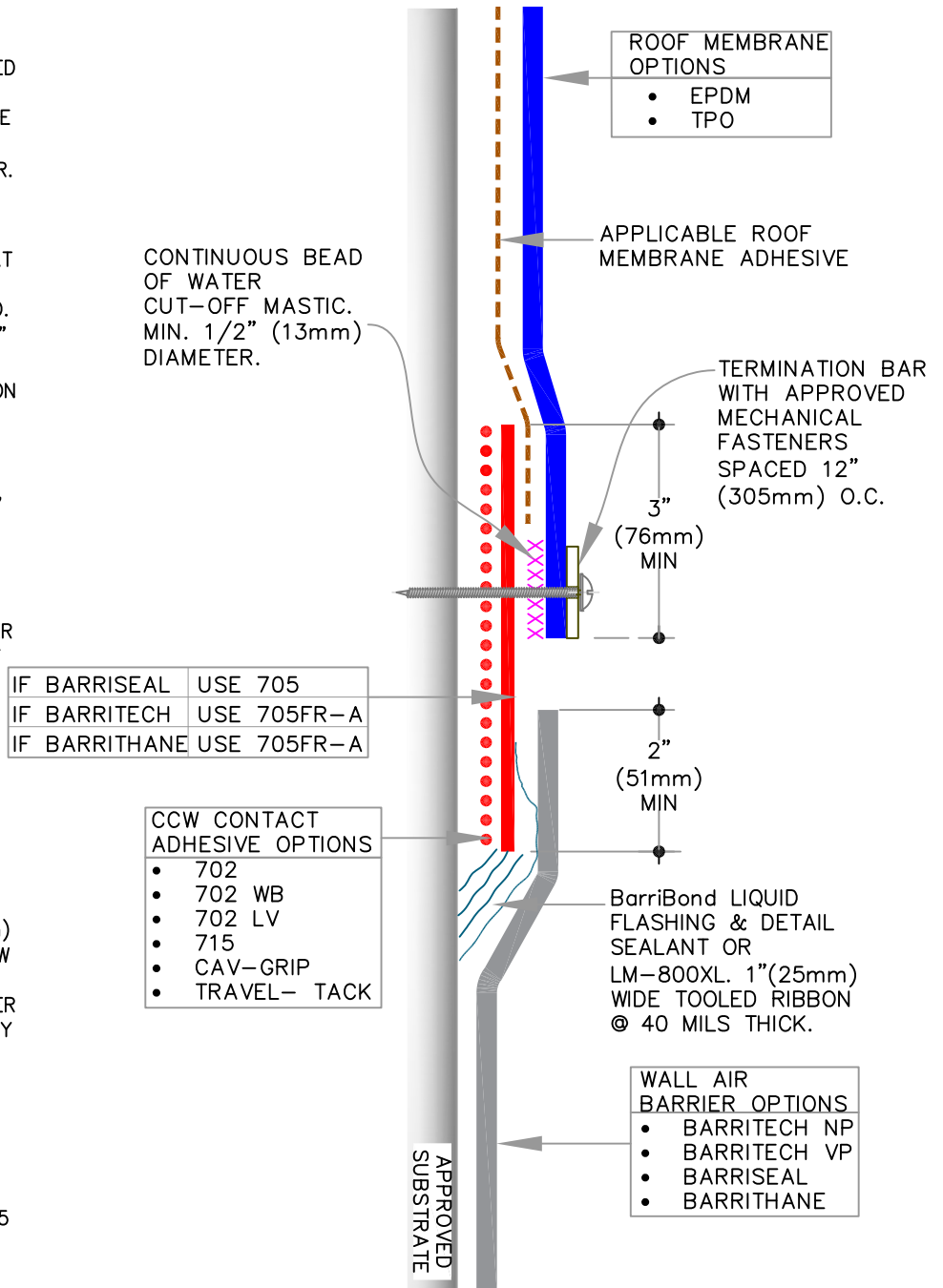


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 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.3C
		PVC OR KEE HP	705, 705FR—A OR 705VP	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

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 FASTENED 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.

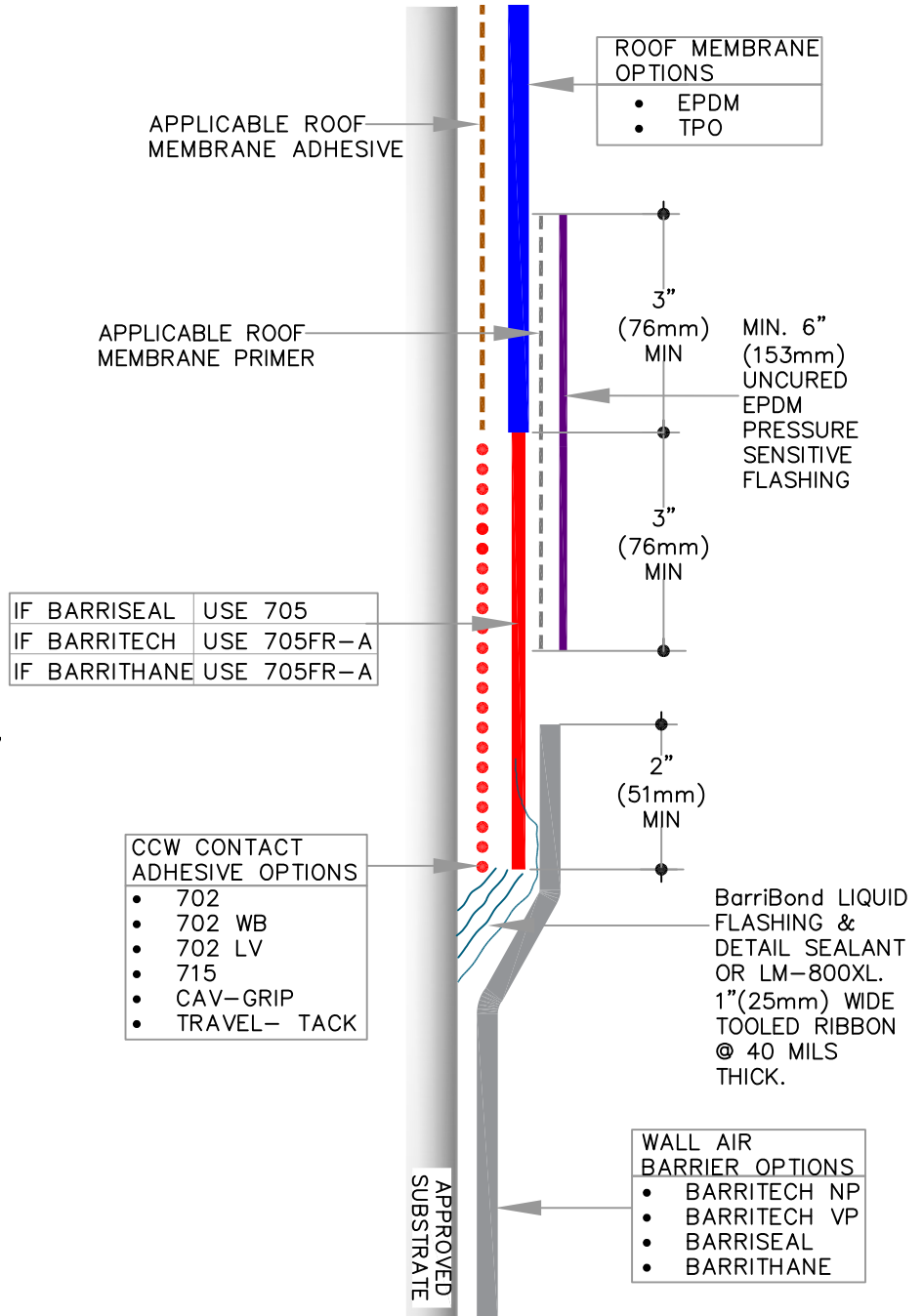


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 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.4
		EPDM OR TPO	BARRITECH, BARRISEAL OR BARRITHANE	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		

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.

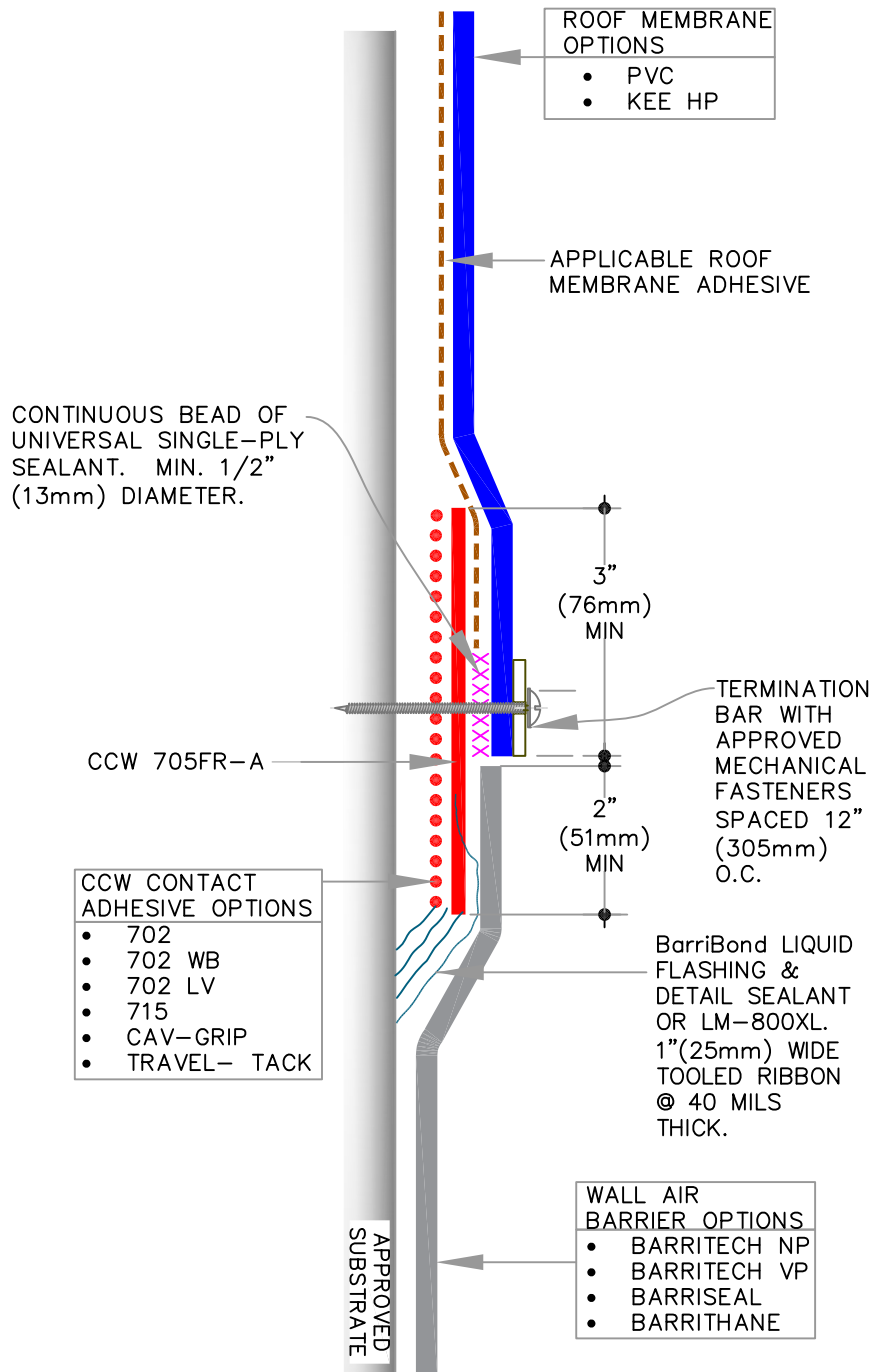


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 <div>NVELOPTM BUILDING ENVELOPE SOLUTIONS</div>	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.5
		EPDM OR TPO	BARRITECH, BARRISEAL OR BARRITHANE	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		

INSTALLATION STEPS:

- 1: INSTALL A MINIMUM OF 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 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 CCW 705 FR-A TRANSITION MEMBRANE.
- 4: APPLY APPROPRIATE ROOF MEMBRANE BONDING ADHESIVE OVER SUBSTRATE, CONTINUING 2" (51mm) ONTO THE CCW 705FR-A. ALLOW ADHESIVE TO FLASH OFF ACCORDING TO SPECIFIC ADHESIVE INSTALLATION INSTRUCTIONS.
- 5: INSTALL PVC/KEE HP ROOF MEMBRANE EXTENDING IT 3" (76mm) ONTO TRANSITION MEMBRANE BUTTING IT TO PREVIOUSLY INSTALLED CCW 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 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 CCW 705FR-A TRANSITION MEMBRANE 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 CCW 705FR-A. TERMINATION BAR SHALL BE FASTENED 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.



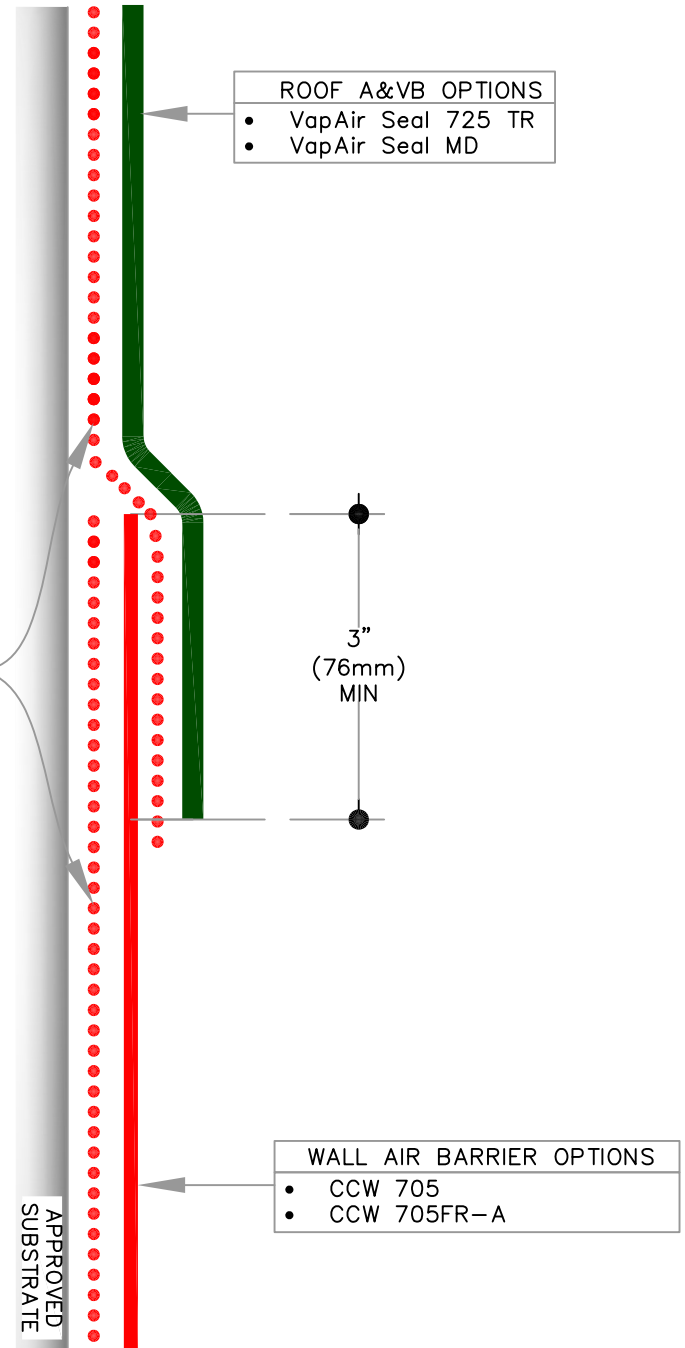
THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 4](#).

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.6
		PVC OR KEE HP	BARRITECH, BARRISEAL OR BARRITHANE	
REFER TO SPECS FOR ADDITIONAL INFORMATION				


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

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



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

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.7
		VapAir SEAL 725TR OR MD	705 OR 705FR-A	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		

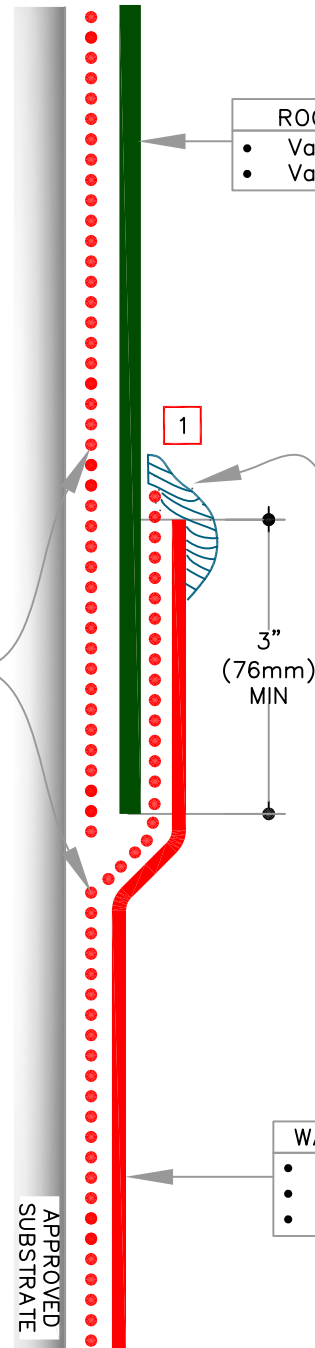
INSTALLATION STEPS:

- 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.

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

ROOF A&VB OPTIONS	
• VapAir Seal 725 TR	
• VapAir Seal MD	

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




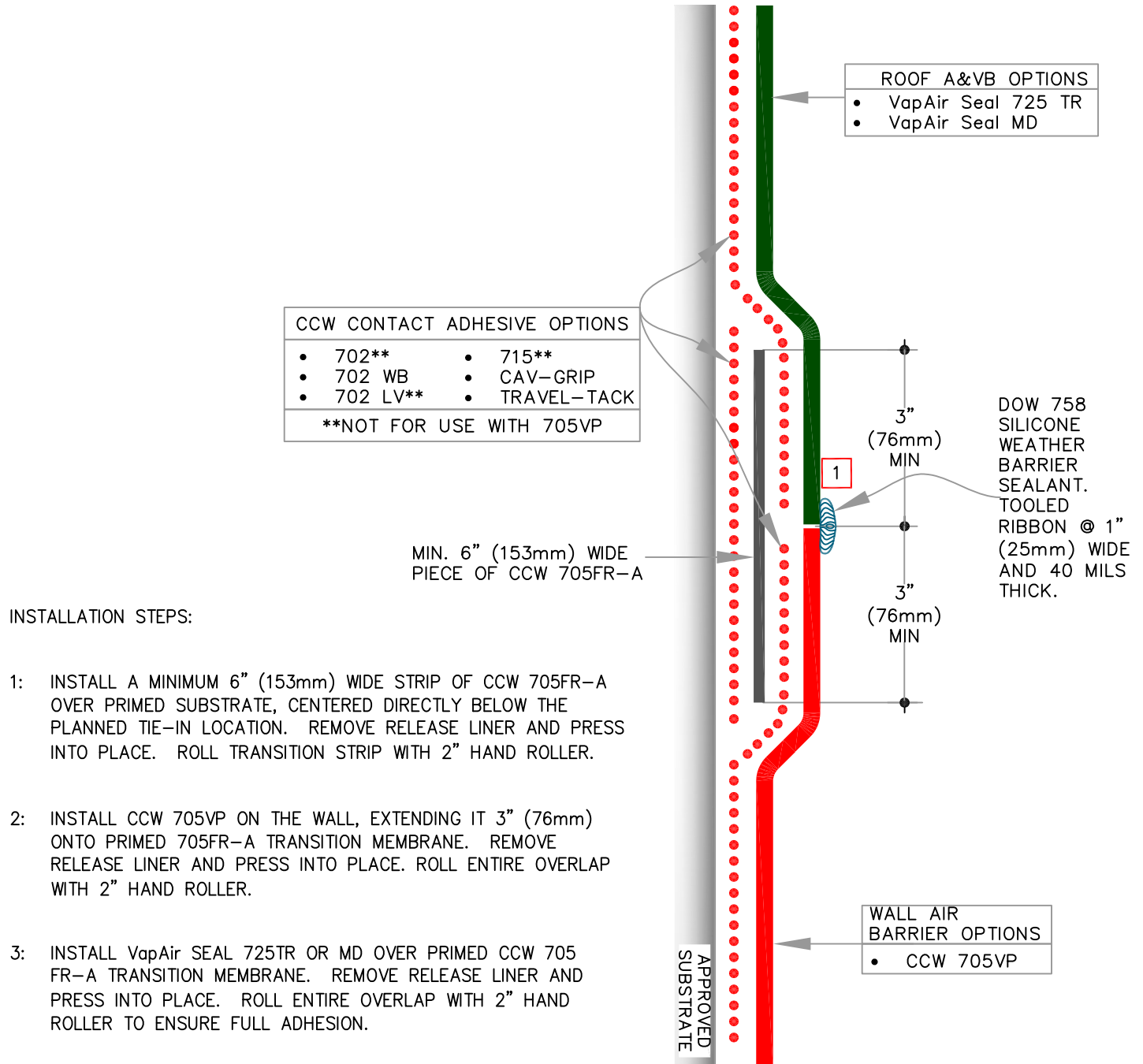
WALL AIR BARRIER OPTIONS	
• CCW 705	
• CCW 705FR-A	
• CCW 705VP	

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](#).

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> REFER TO NOTES	ROOF BARRIERS:	WALL BARRIERS:	1.8
		VapAir SEAL 725TR OR MD	705, 705FR—A OR 705VP	
REFER TO SPECS FOR ADDITIONAL INFORMATION				




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](#).

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> REFER TO NOTES	ROOF BARRIERS:	WALL BARRIERS:	1.9
		VapAir SEAL 725TR OR MD	705VP	
	REFER TO SPECS FOR ADDITIONAL INFORMATION			

INSTALLATION STEPS:

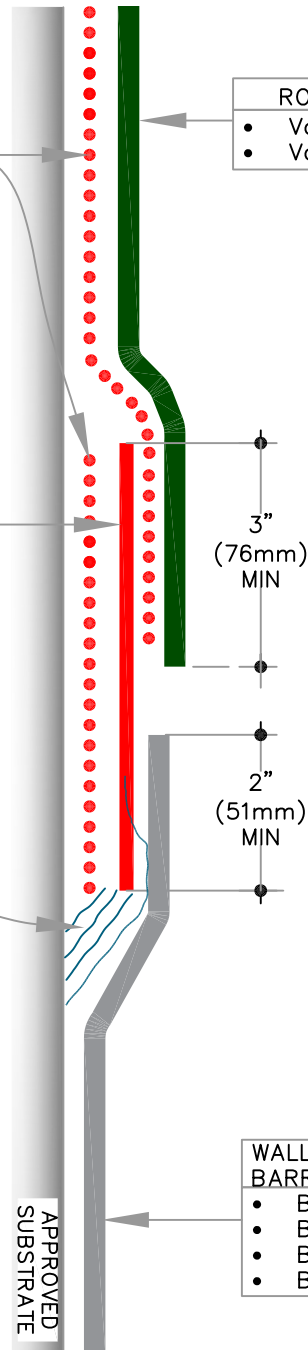
- 1: INSTALL A MINIMUM 6" (153mm) WIDE STRIP OF CCW 705 OR 705FR-A OVER PRIMED SUBSTRATE, CENTERED DIRECTLY BELOW THE PLANNED TIE-IN LOCATION. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL TRANSITION STRIP WITH 2" HAND ROLLER.
- 2: APPLY A CONTINUOUS BEAD OF CCW BARRIBOND OR LM-800XL DETAIL SEALANT AT TRANSITION MEMBRANE STEP-OFF WHERE BARRITECH, BARRISEAL OR BARRITHANE WILL BE INSTALLED. BEAD SHALL BE TOOLED TO A MINIMUM OF 1" (25mm) 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 THE TRANSITION MEMBRANE.
- 4: INSTALL VapAir SEAL 725TR OR MD, CONTINUING IT 3" (76mm) ONTO PRIMED TRANSITION MEMBRANE. REMOVE RELEASE LINER AND PRESS INTO PLACE. ROLL OVERLAP WITH 2" HAND ROLLER TO ENSURE FULL ADHESION.

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

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


ROOF A&VB OPTIONS	
• VapAir Seal 725 TR	
• VapAir Seal MD	

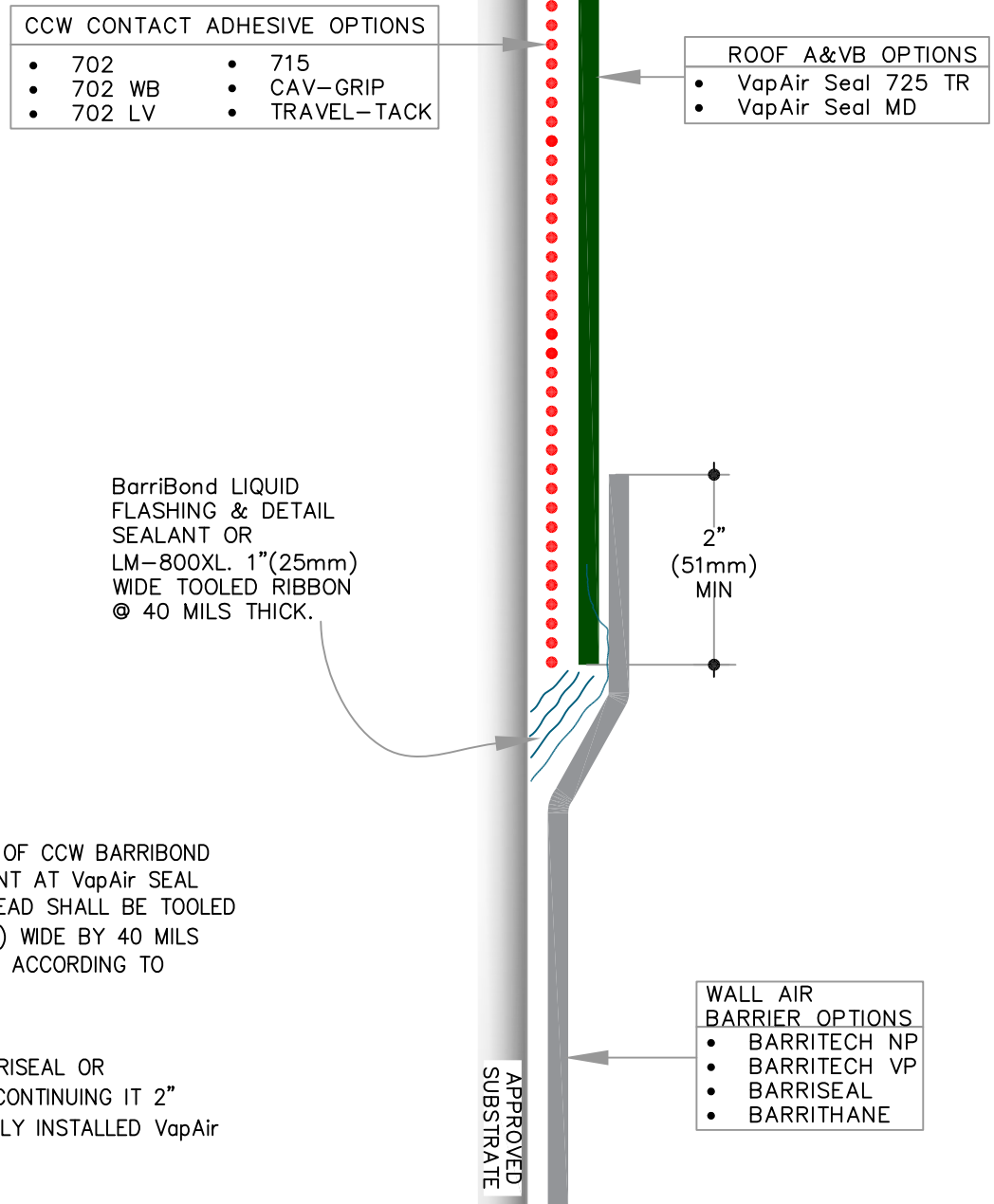
BarriBond LIQUID FLASHING & DETAIL SEALANT OR LM-800XL. 1" (25mm) WIDE TOOLED RIBBON @ 40 MILS THICK.



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

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


 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.10
		VapAir SEAL 725TR OR MD	BARRITECH, BARRISEAL OR BARRITHANE	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		

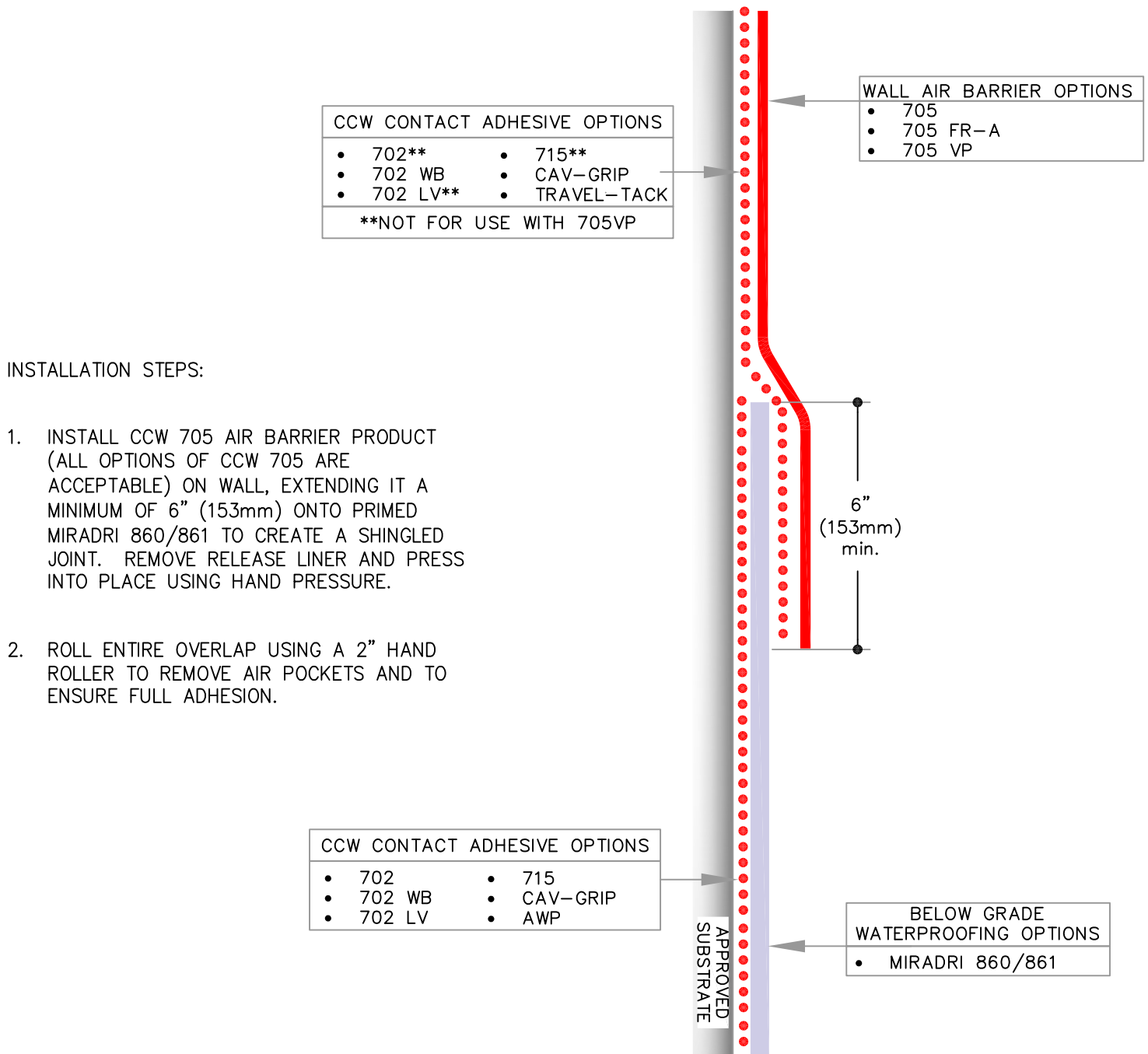


INSTALLATION STEPS:

- 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](#).

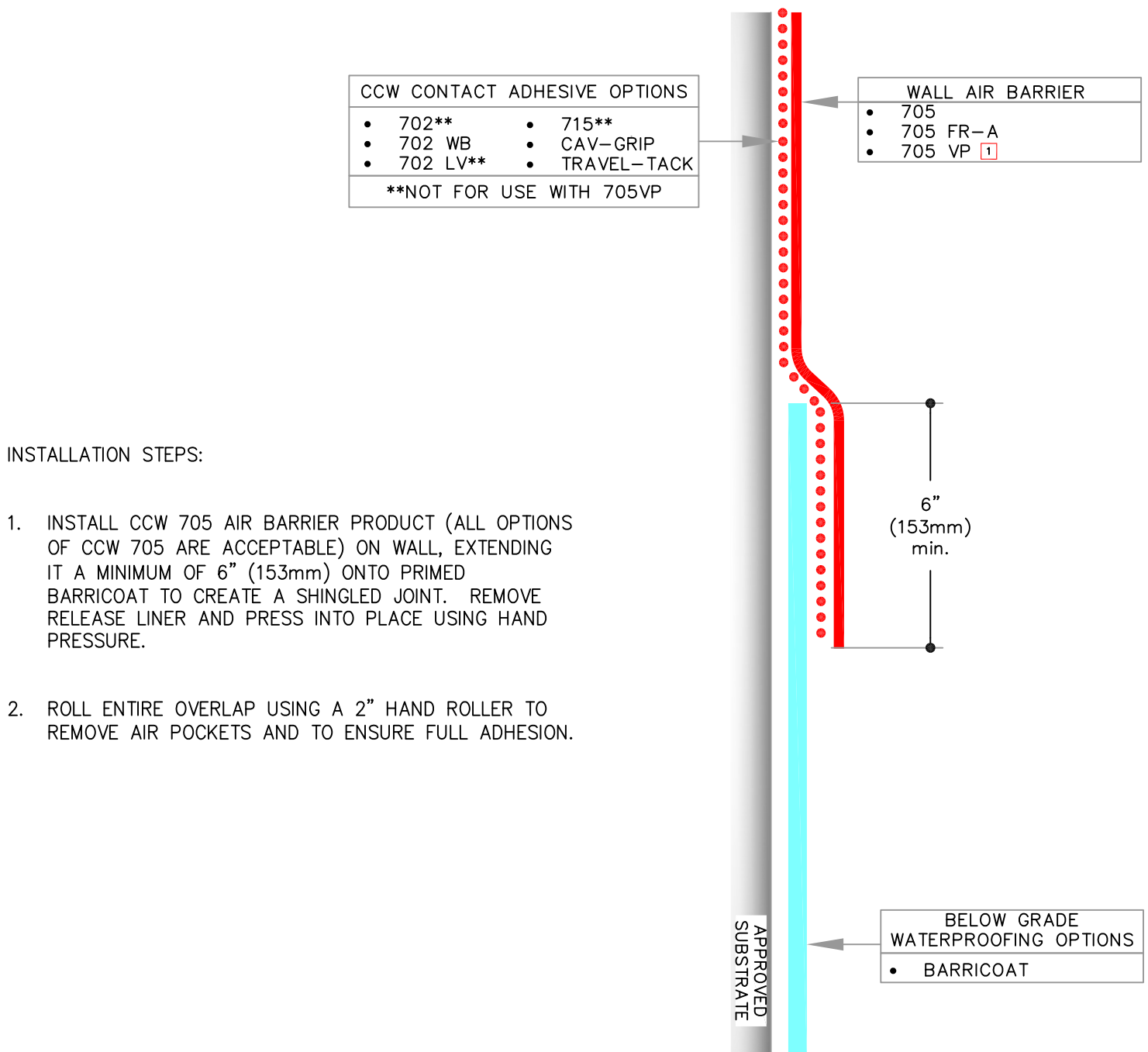
	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	1.11
		VapAir SEAL 725TR OR MD	BARRITECH, BARRISEAL OR BARRITHANE	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



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.

THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 5.				
 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	WALL BARRIERS:	BELOW GRADE BARRIERS:	2.1
		705, 705FR-A OR 705VP	MIRADRI 860/861	
	REFER TO SPECS FOR ADDITIONAL INFORMATION			




INSTALLATION STEPS:

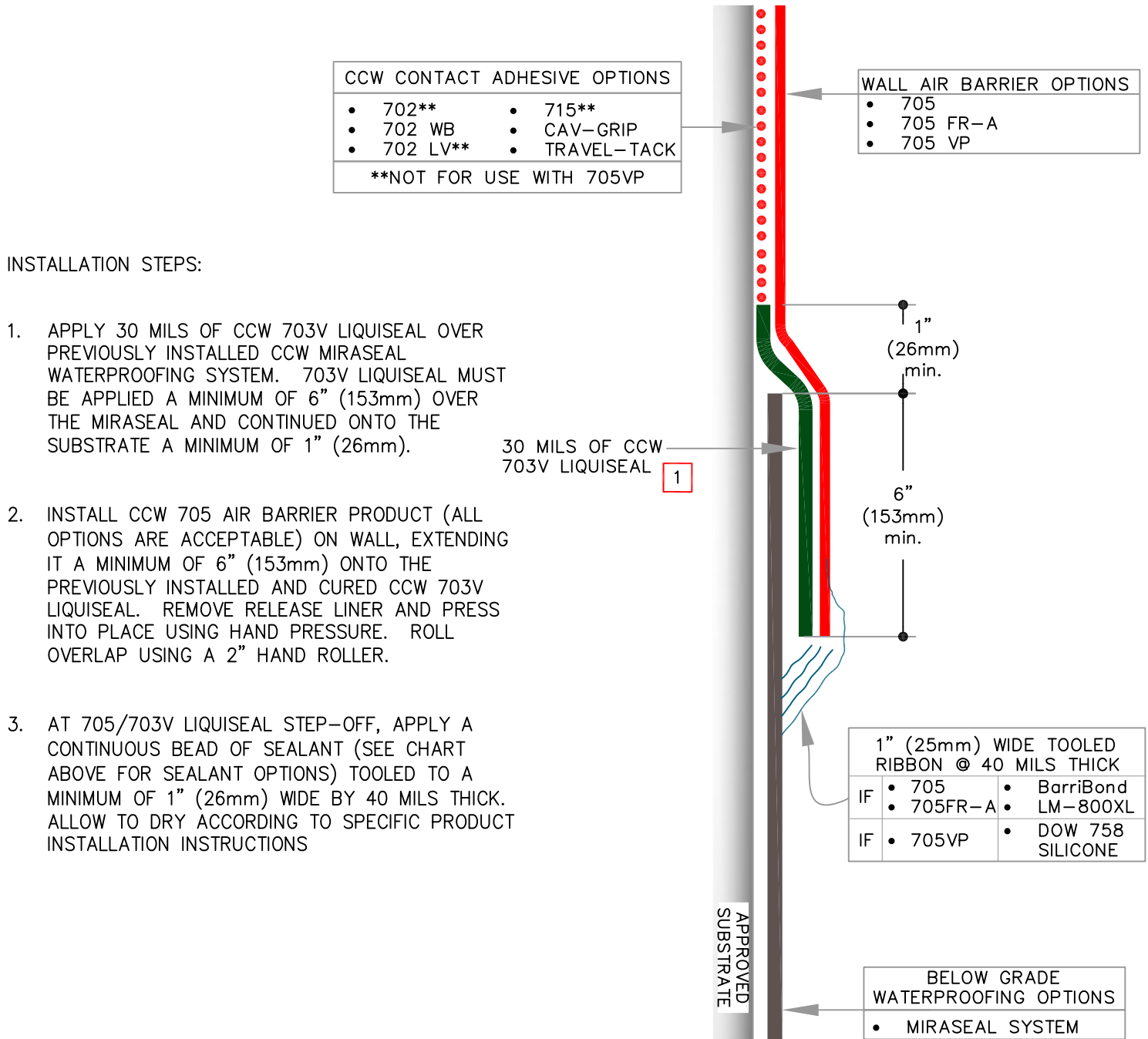
1. INSTALL CCW 705 AIR BARRIER PRODUCT (ALL OPTIONS OF CCW 705 ARE ACCEPTABLE) ON WALL, EXTENDING IT A MINIMUM OF 6" (153mm) ONTO PRIMED BARRICOAT TO CREATE A SHINGLED JOINT. REMOVE RELEASE LINER AND PRESS INTO PLACE USING HAND PRESSURE.
2. ROLL ENTIRE OVERLAP USING A 2" HAND ROLLER TO REMOVE AIR POCKETS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


 <div>NVELOP™ BUILDING ENVELOPE SOLUTIONS</div>	<div>0</div> REFER TO NOTES	WALL BARRIERS:	BELOW GRADE BARRIERS:	2.2
		705, 705FR-A OR 705VP	BARRICOAT	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		



NOTES:

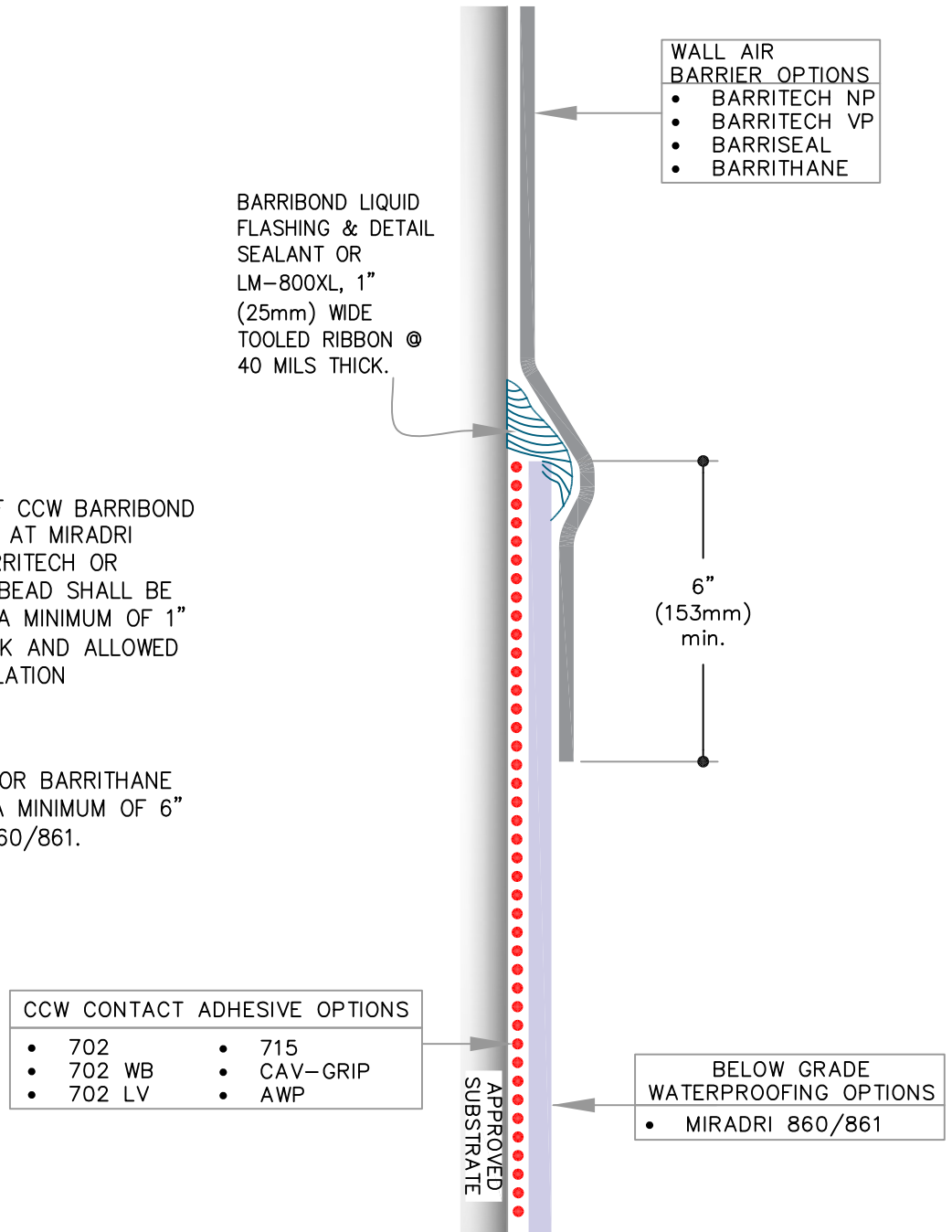
1. DETAIL REQUIRES THE USE OF TRANSITION MATERIAL CONSISTING OF CCW 703V LIQUISEAL. 705 PRODUCTS ARE NOT PERMITTED FOR DIRECT CONTACT WITH CCW MIRASEAL.

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


 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> REFER TO NOTES	WALL BARRIERS:	BELOW GRADE BARRIERS:	2.3
		705, 705FR—A OR 705VP	MIRASEAL	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

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.

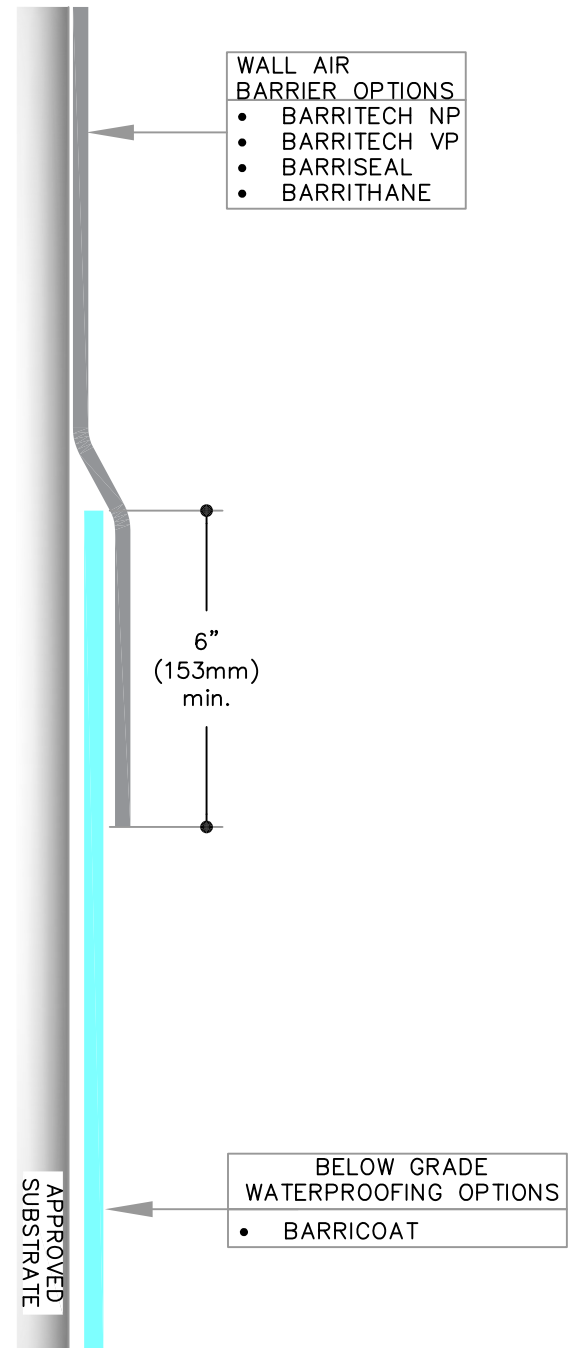



THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE [SECTION 5.](#)

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

INSTALLATION STEPS:

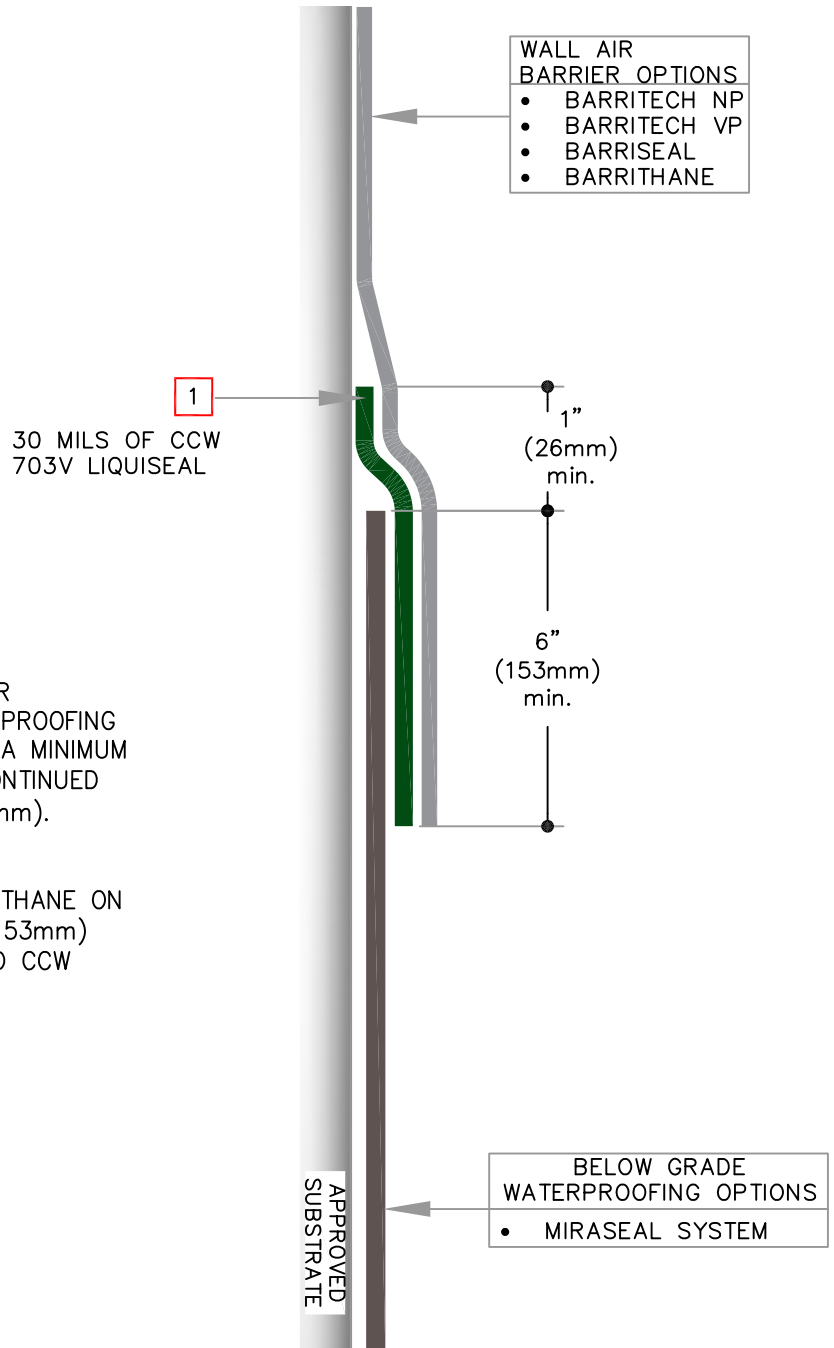
1. APPLY CCW BARRITECH, BARRISEAL OR BARRITHANE AIR BARRIER PRODUCT ON WALL AND CONTINUE IT A MINIMUM OF 6" (153mm) OVER PREVIOUSLY INSTALLED CCW BARRICOAT.



THIS DETAIL DEPICTS PRODUCTS COMPATIBILITY ONLY. FOR COMPLETE ROOF-TO-WALL TIE-IN, PLEASE SEE SECTION 5.				
	<div>0</div> <div>REFER TO NOTES</div>	WALL BARRIERS:	BELOW GRADE BARRIERS:	2.5
		BARRITECH, BARRISEAL OR BARRITHANE	BARRICOAT	
	REFER TO SPECS FOR ADDITIONAL INFORMATION			

INSTALLATION STEPS:


1. APPLY 30 MILS OF CCW 703V LIQUEAL OVER PREVIOUSLY INSTALLED CCW MIRASEAL WATERPROOFING SYSTEM. 703V LIQUEAL 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 LIQUEAL.



NOTES:

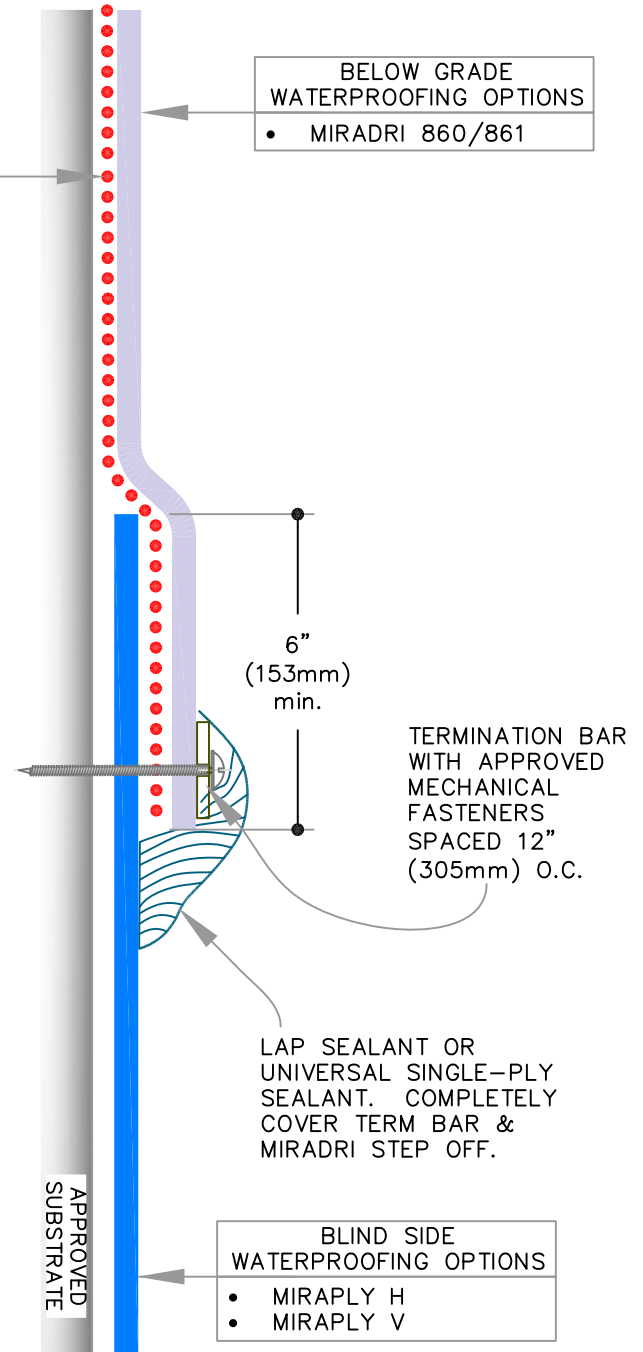
1. DETAIL REQUIRES THE USE OF TRANSITION MATERIAL CONSISTING OF CCW 703V LIQUEAL. 705 PRODUCTS ARE NOT PERMITTED FOR DIRECT CONTACT WITH CCW MIRASEAL.

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

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	WALL BARRIERS:	BELOW GRADE BARRIERS:	2.6
		BARRITECH, BARRISEAL OR BARRITHANE	MIRASEAL	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		

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.](#)



0

REFER
TO
NOTES

BELOW GRADE BARRIERS:

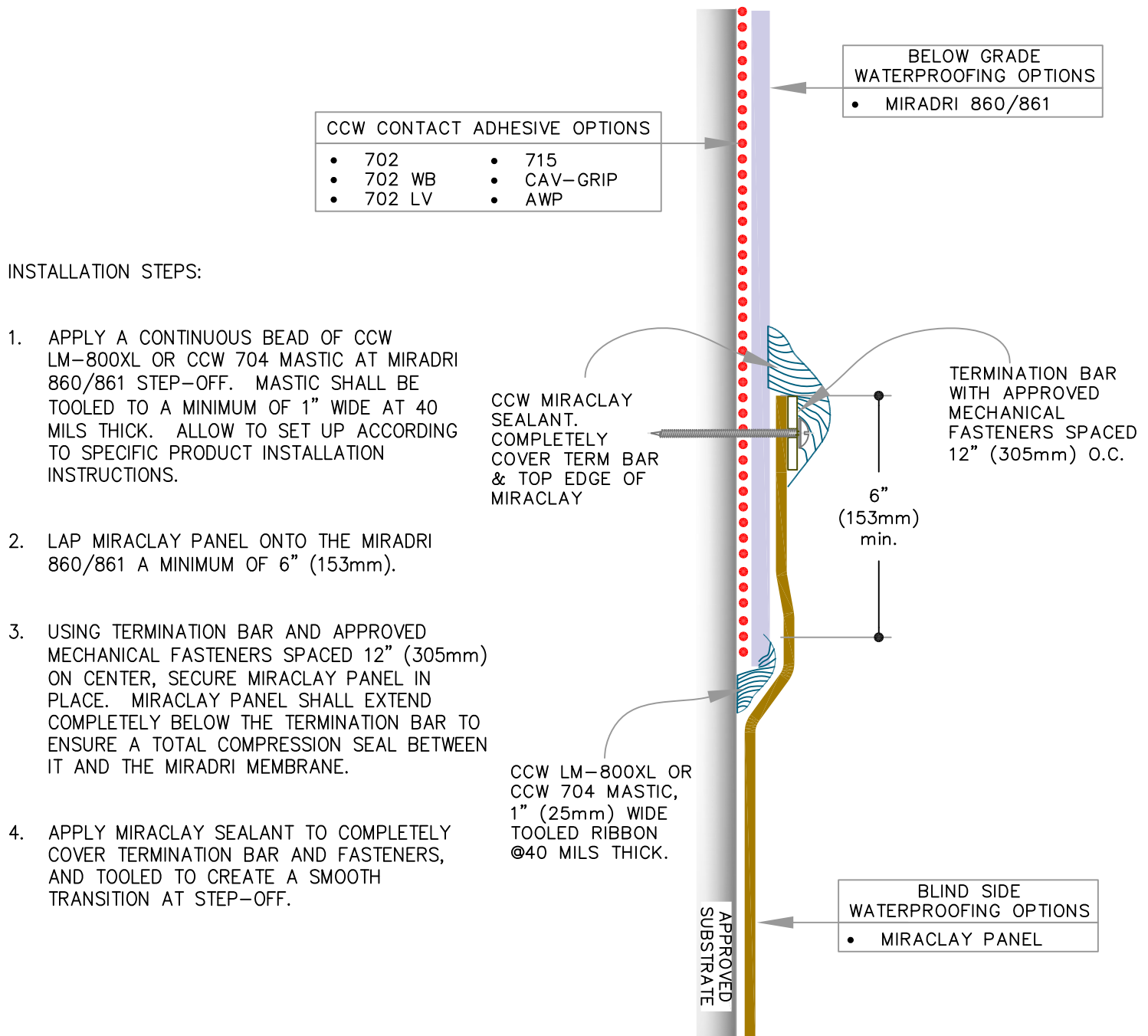
MIRADRI
860/861

BLIND SIDE BARRIERS:


MIRAPLY
H OR V

3.1

REFER TO SPECS FOR ADDITIONAL INFORMATION



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

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	3.2
		MIRADRI 860/861	MIRACLAY	
		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 $\frac{1}{2}$ " (13mm) ONTO THE MIRAPLY MEMBRANE.

MIRAPLY SEAM TAPE APPLIED TO CLEANED SEAM AREA

BELOW GRADE WATERPROOFING OPTIONS

- BARRICOAT
- MIRASEAL SYSTEM

1" (26mm) min.

5" (127mm) min.

$\frac{1}{2}$ " (13mm) min.

APPROVED SUBSTRATE

BLIND SIDE WATERPROOFING OPTIONS

- MIRAPLY H
- MIRAPLY V

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



0

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 MIRACLAY 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 MIRACLAY PANEL IN PLACE. MIRACLAY PANEL SHALL EXTEND COMPLETELY BELOW THE TERMINATION BAR TO ENSURE A TOTAL COMPRESSION SEAL BETWEEN IT AND THE MIRADRI MEMBRANE.
3. APPLY MIRACLAY SEALANT TO COMPLETELY COVER TERMINATION BAR AND FASTENERS, AND TO CREATE A SMOOTH TRANSITION AT STEP-OFF.

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

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

- MIRACLAY PANEL

APPROVED SUBSTRATE

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



0

REFER TO NOTES

BELOW GRADE BARRIERS:

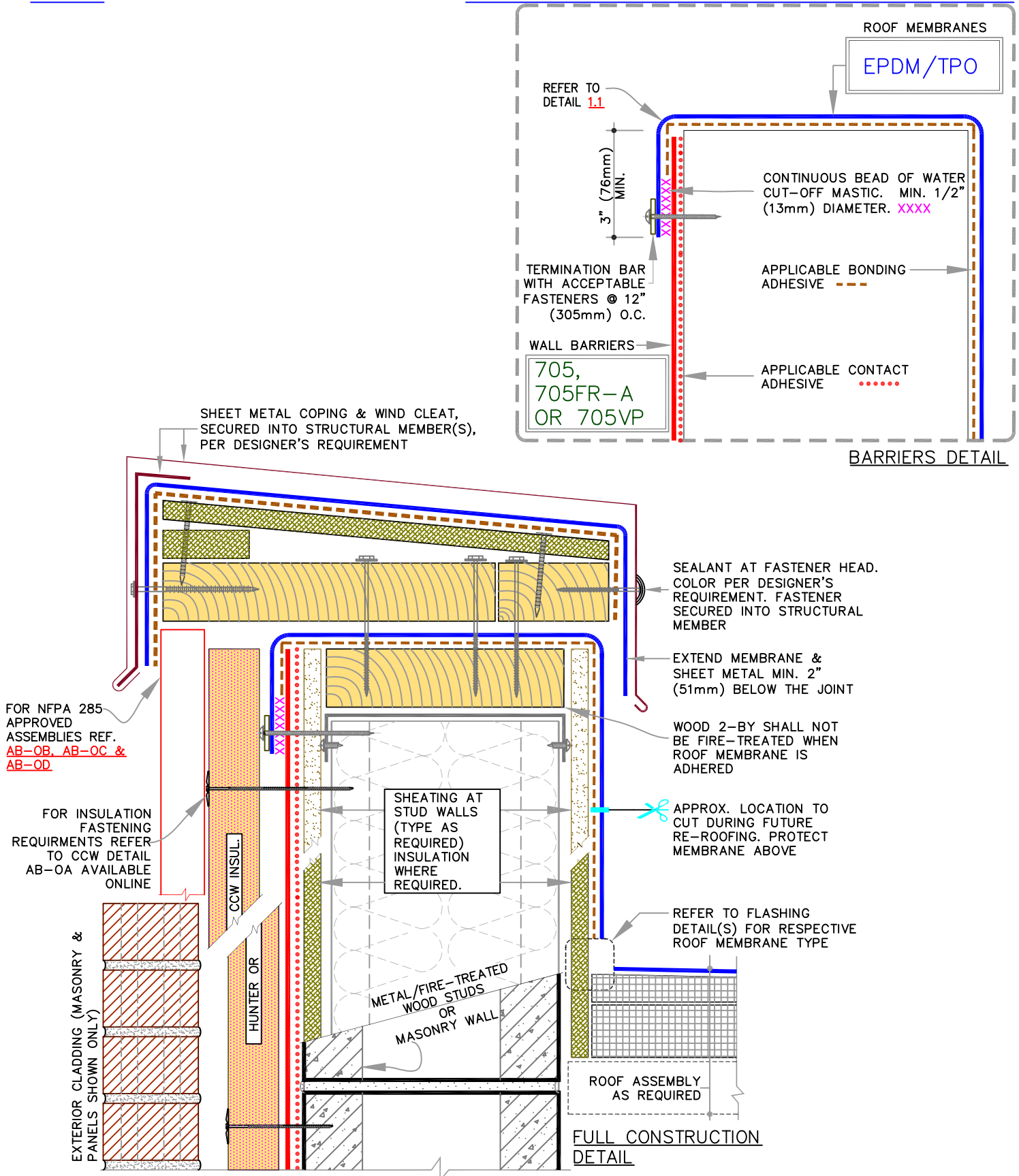
BARRICOAT
OR
MIRASEAL


BLIND SIDE BARRIERS:

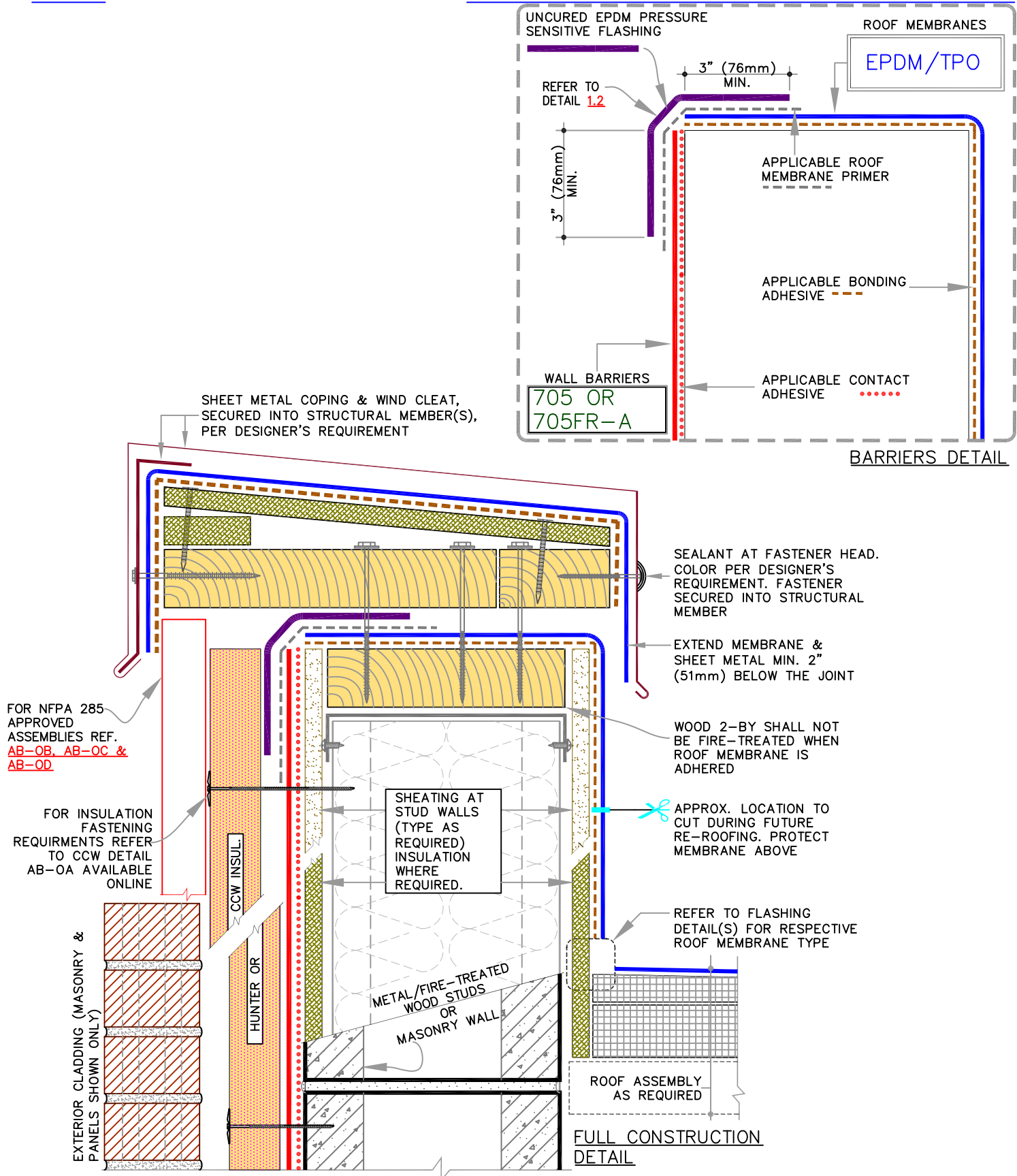
MIRACLAY


3.4

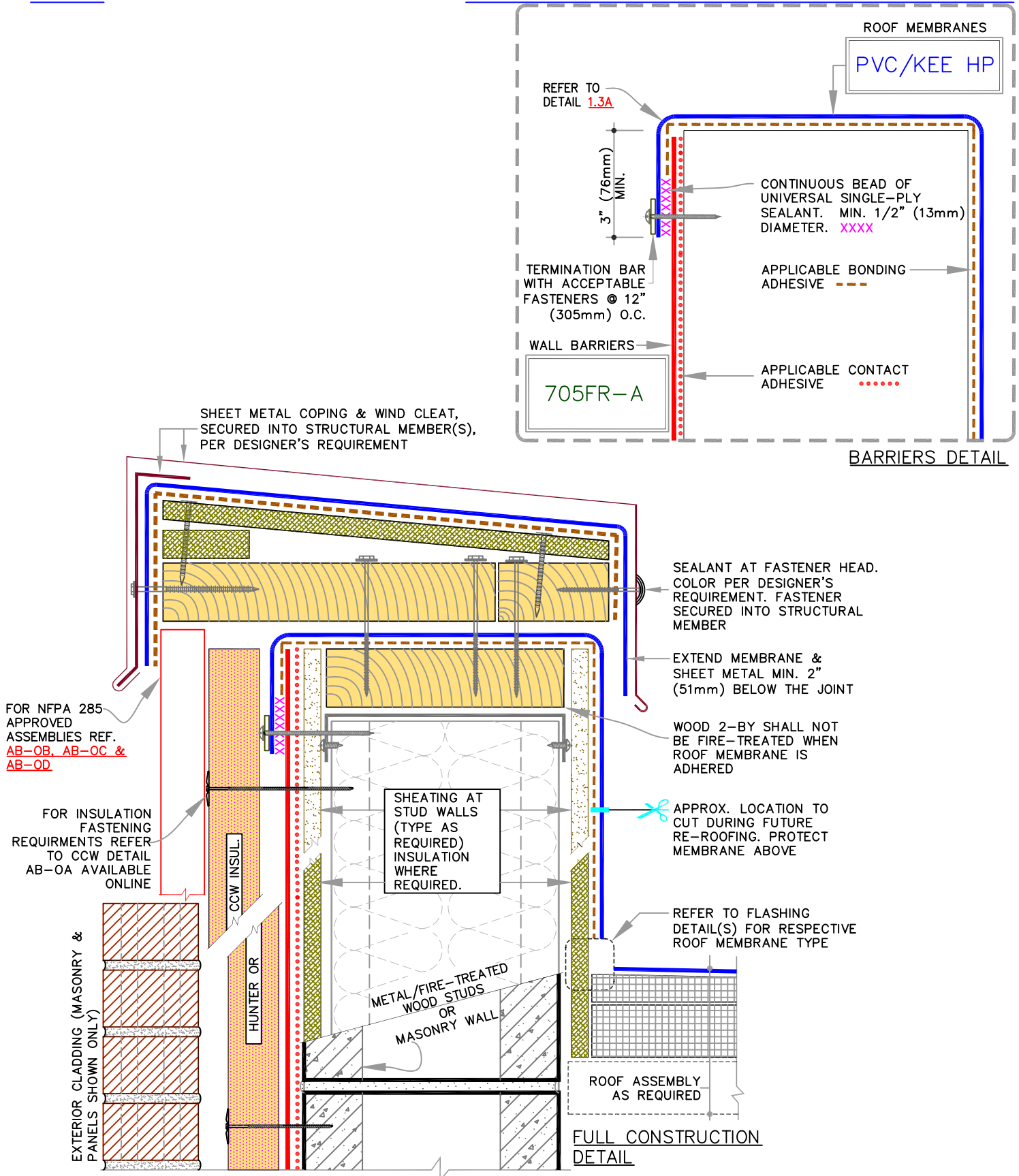
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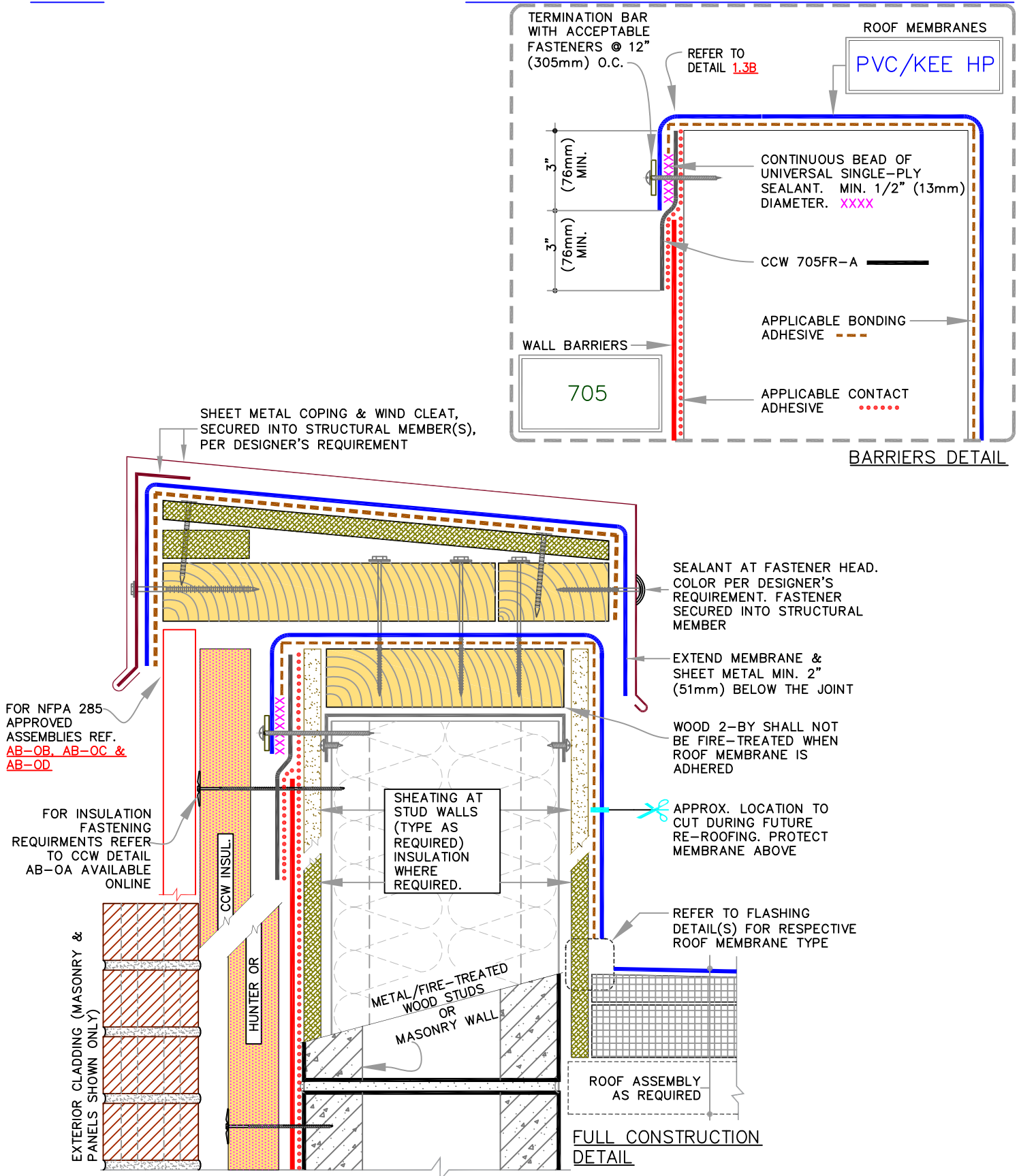
	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	4.1
		EPDM OR TPO	705, 705FR—A OR 705VP	
REFER TO SPECS FOR ADDITIONAL INFORMATION				




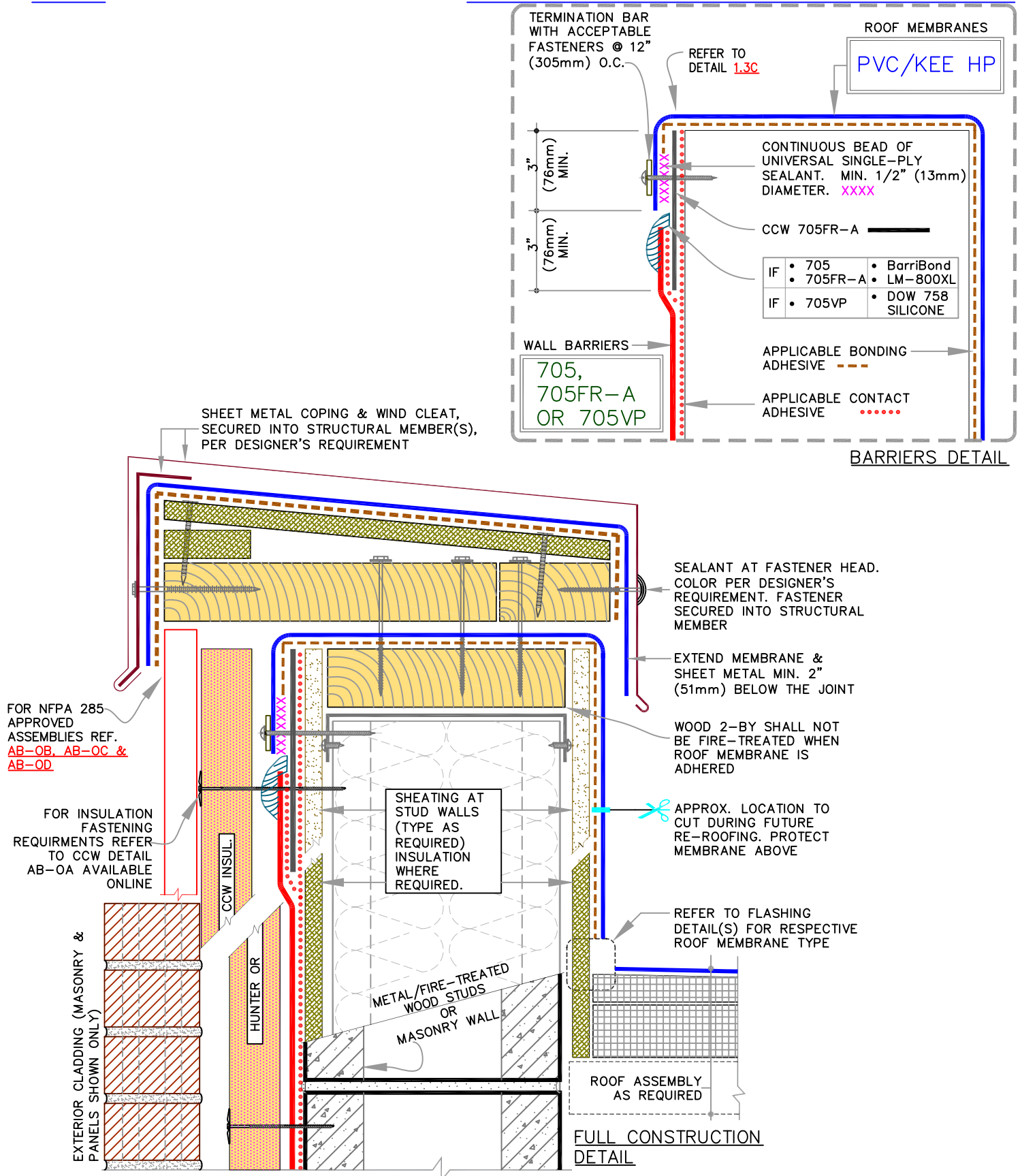
 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	4.2
		EPDM OR TPO	705 OR 705FR—A	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



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



 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	ROOF BARRIERS:	WALL BARRIERS:	4.3B
	REFER TO NOTES	PVC OR KEE HP	705	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



0

REFER TO NOTES

ROOF BARRIERS:

PVC
OR
KEE HP

WALL BARRIERS:

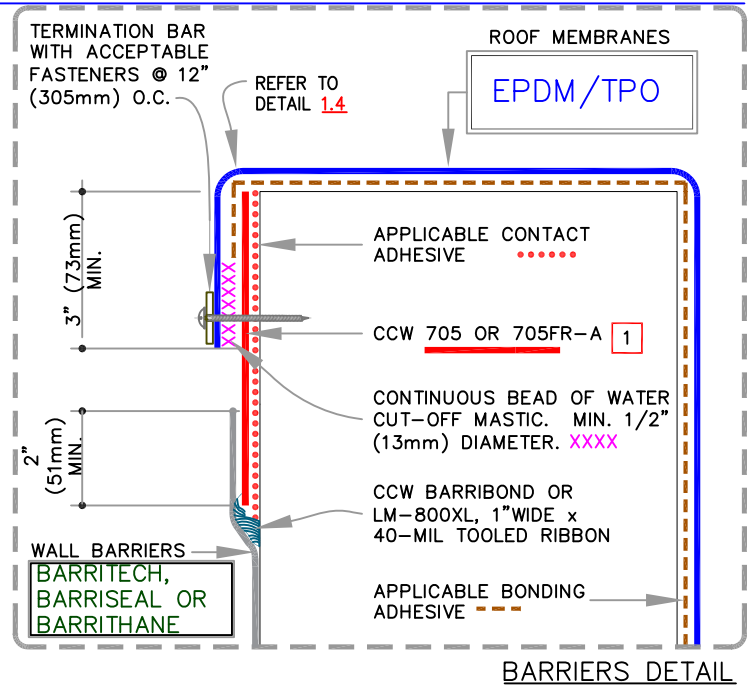
705, 705FR-A
OR 705VP

4.3C

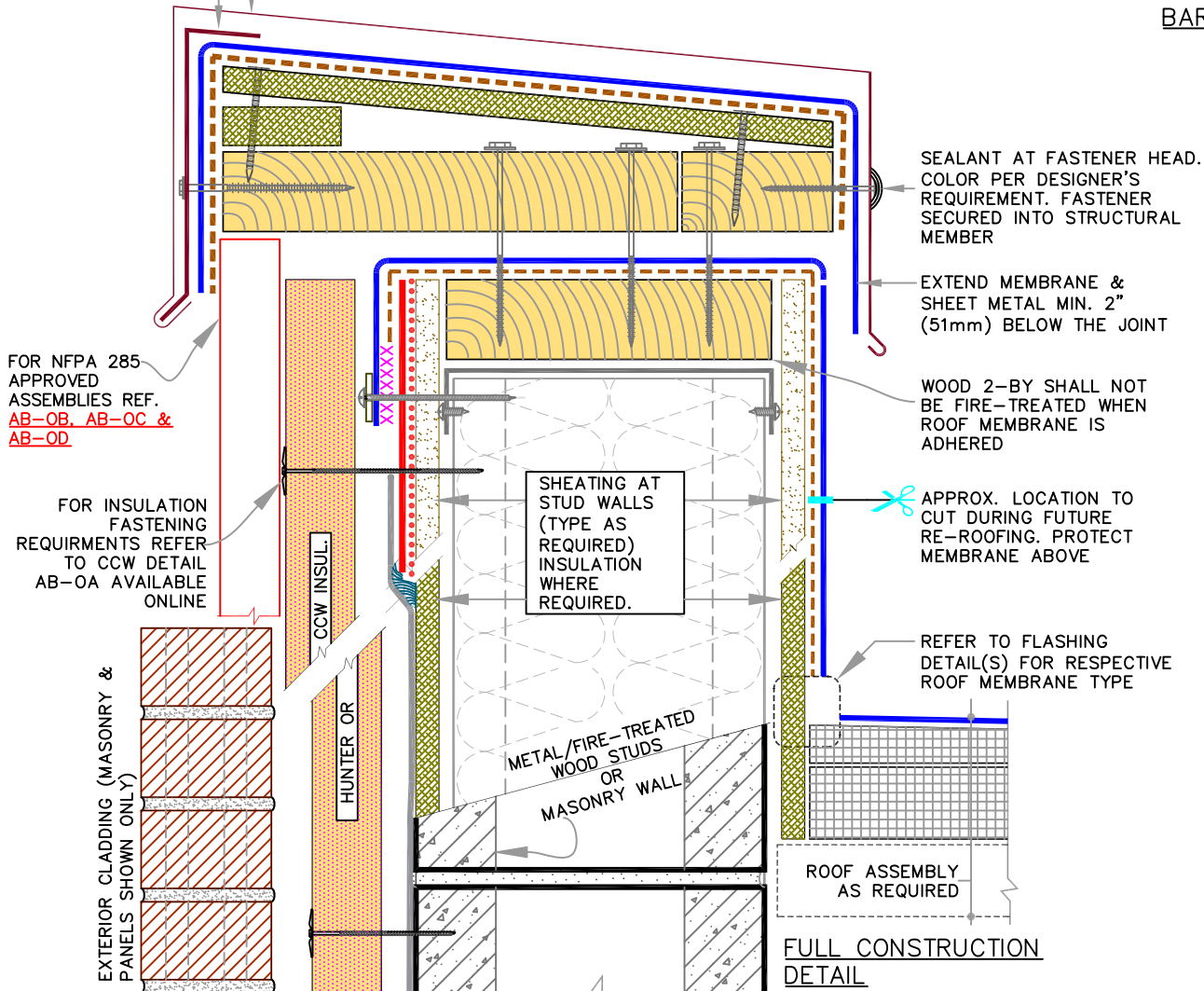
REFER TO SPECS FOR ADDITIONAL INFORMATION

NOTES:

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



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



0

REFER TO NOTES

ROOF BARRIERS:

EPDM
OR
TPO

WALL BARRIERS:

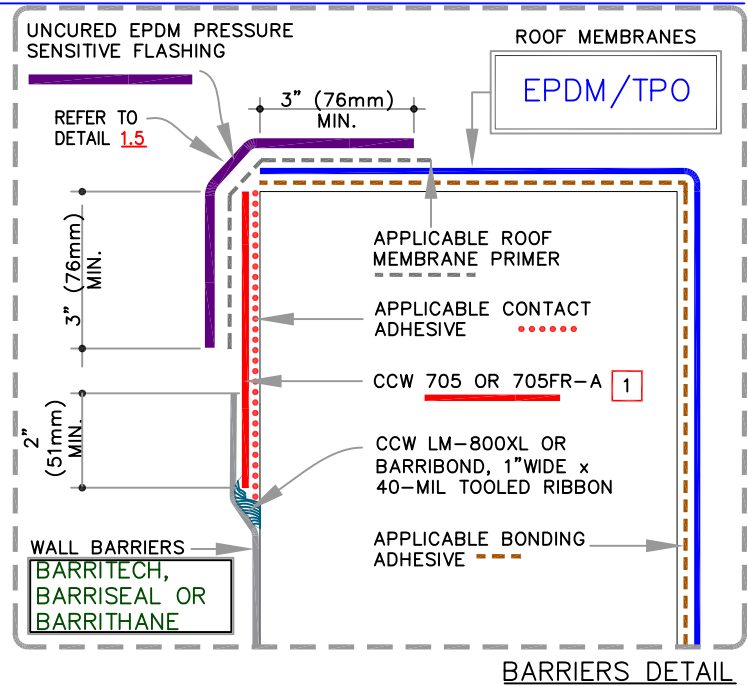
BARRITECH,
BARRISEAL
OR
BARRITHANE

4.4

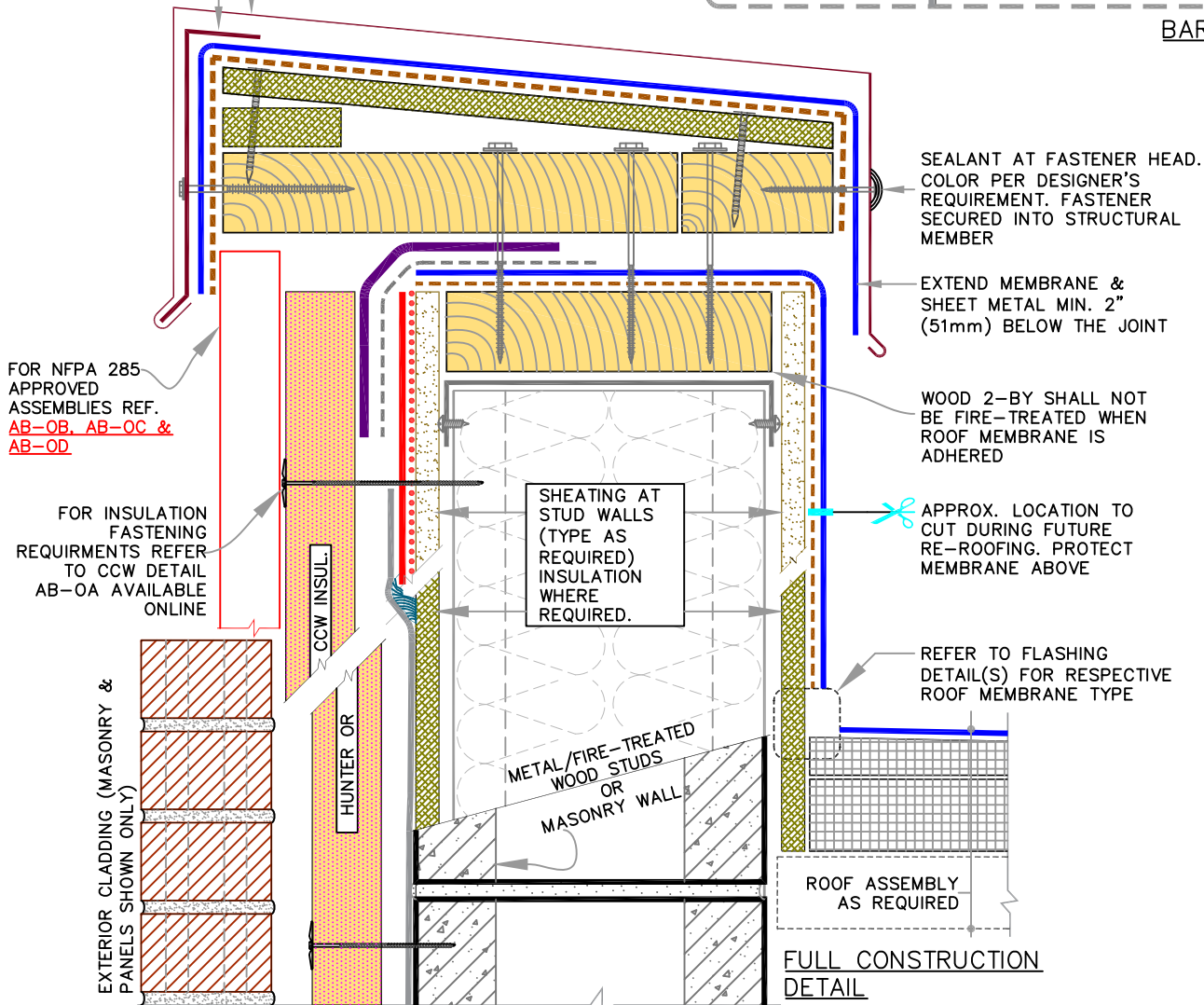
REFER TO SPECS FOR ADDITIONAL INFORMATION

NOTES:

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



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



0

REFER TO NOTES

ROOF BARRIERS:

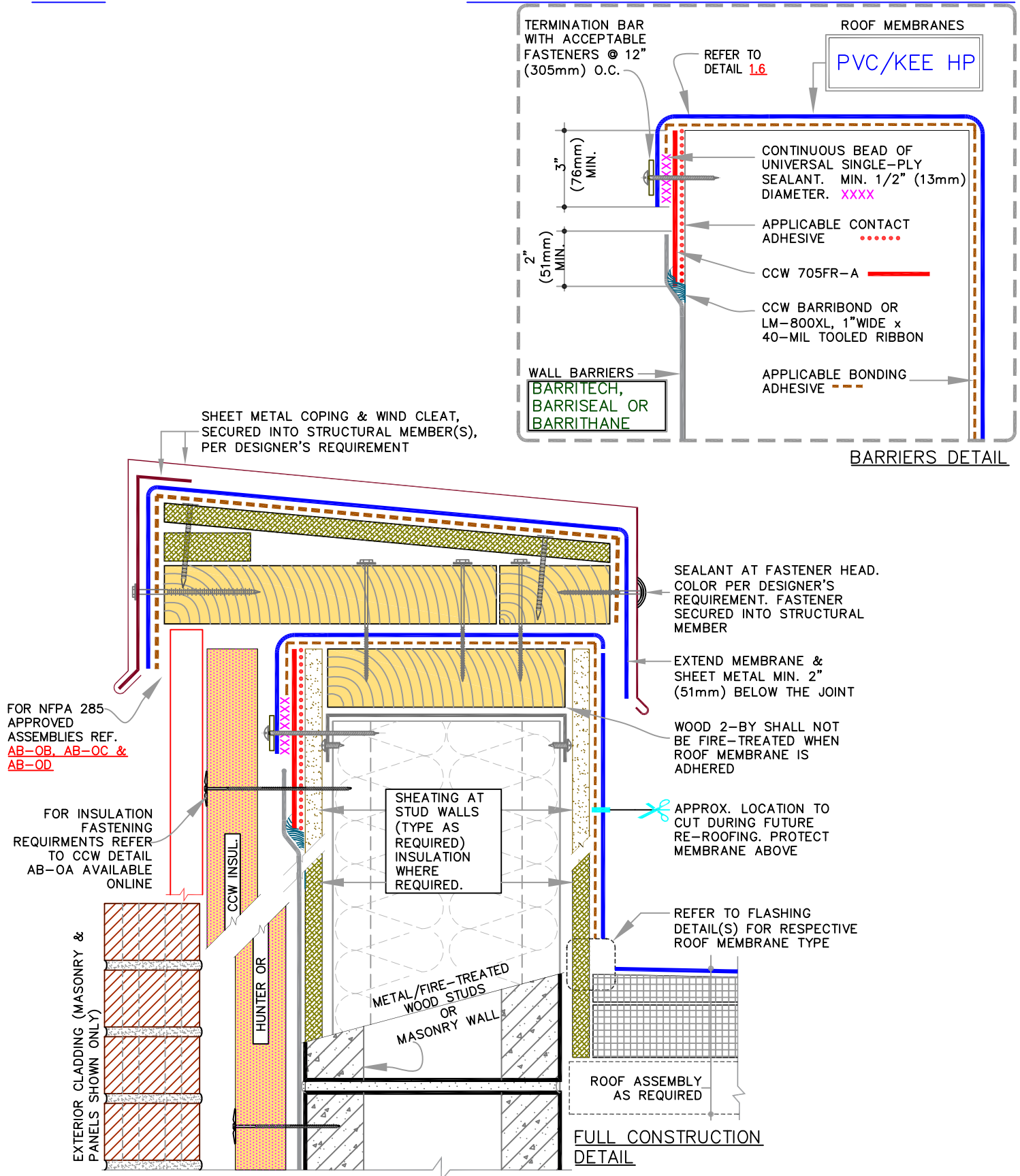
EPDM
OR
TPO

WALL BARRIERS:

BARRITECH,
BARRISEAL
OR
BARRITHANE

4.5

REFER TO SPECS FOR ADDITIONAL INFORMATION



0

REFER TO NOTES

ROOF BARRIERS:

PVC
OR
KEE HP

WALL BARRIERS:

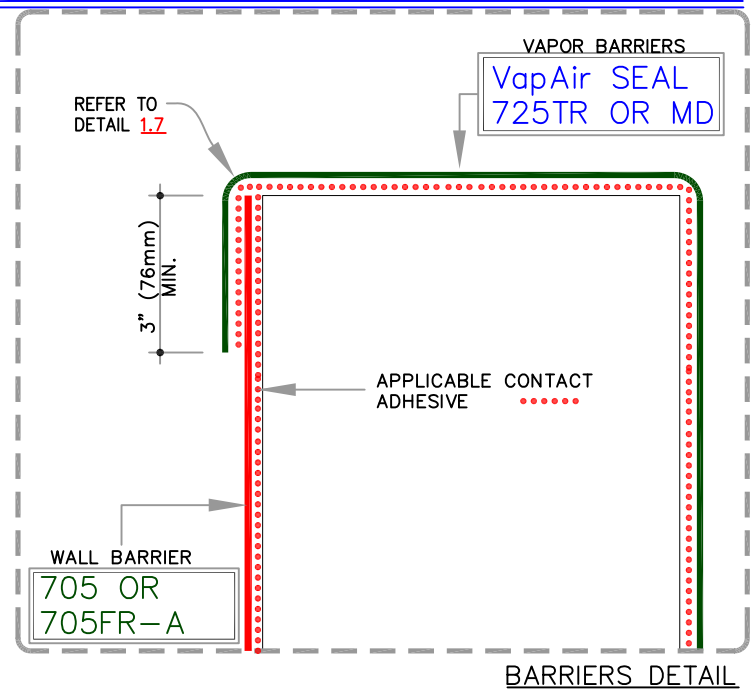
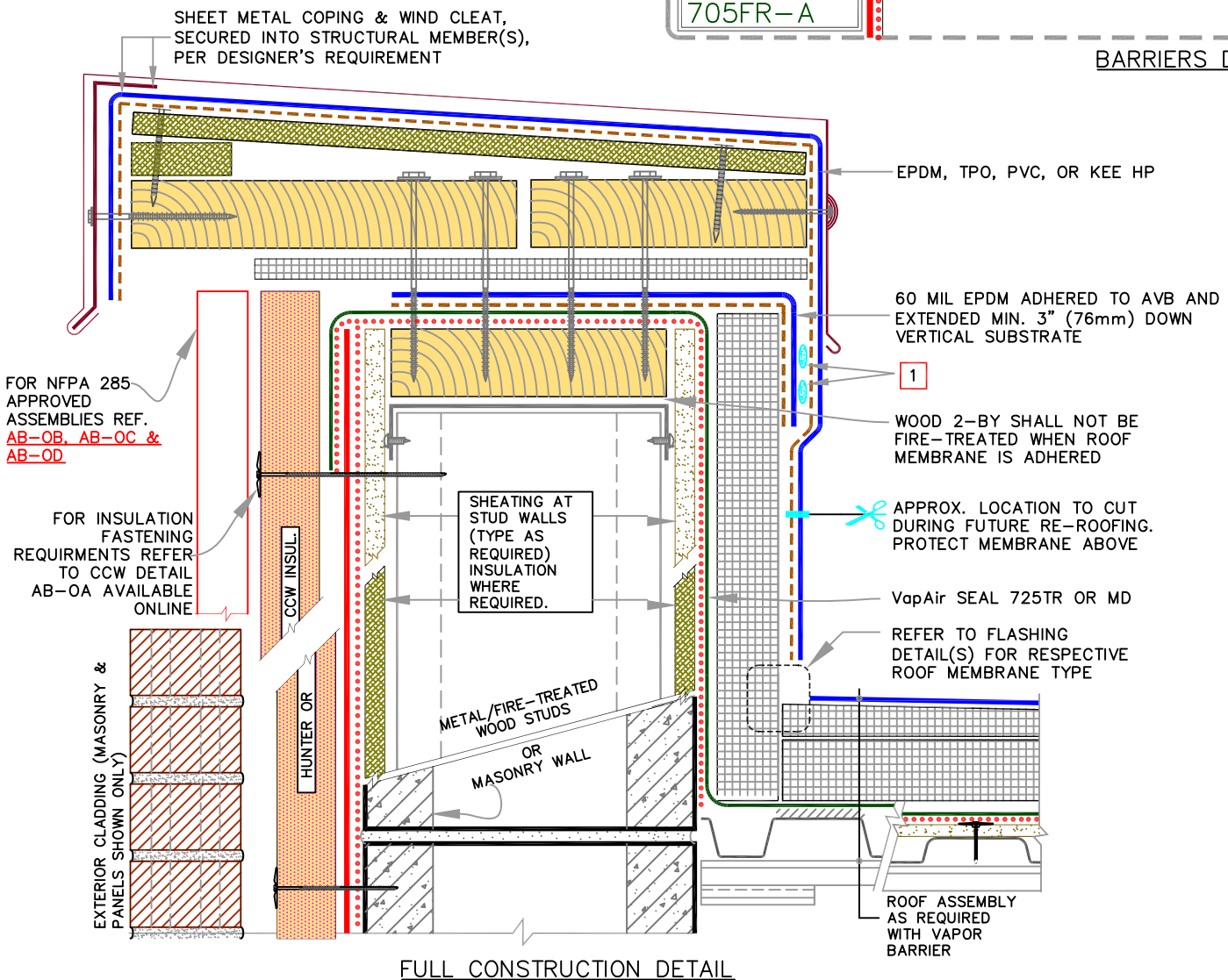
BARRITECH,
BARRISEAL
OR
BARRITHANE


4.6

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.

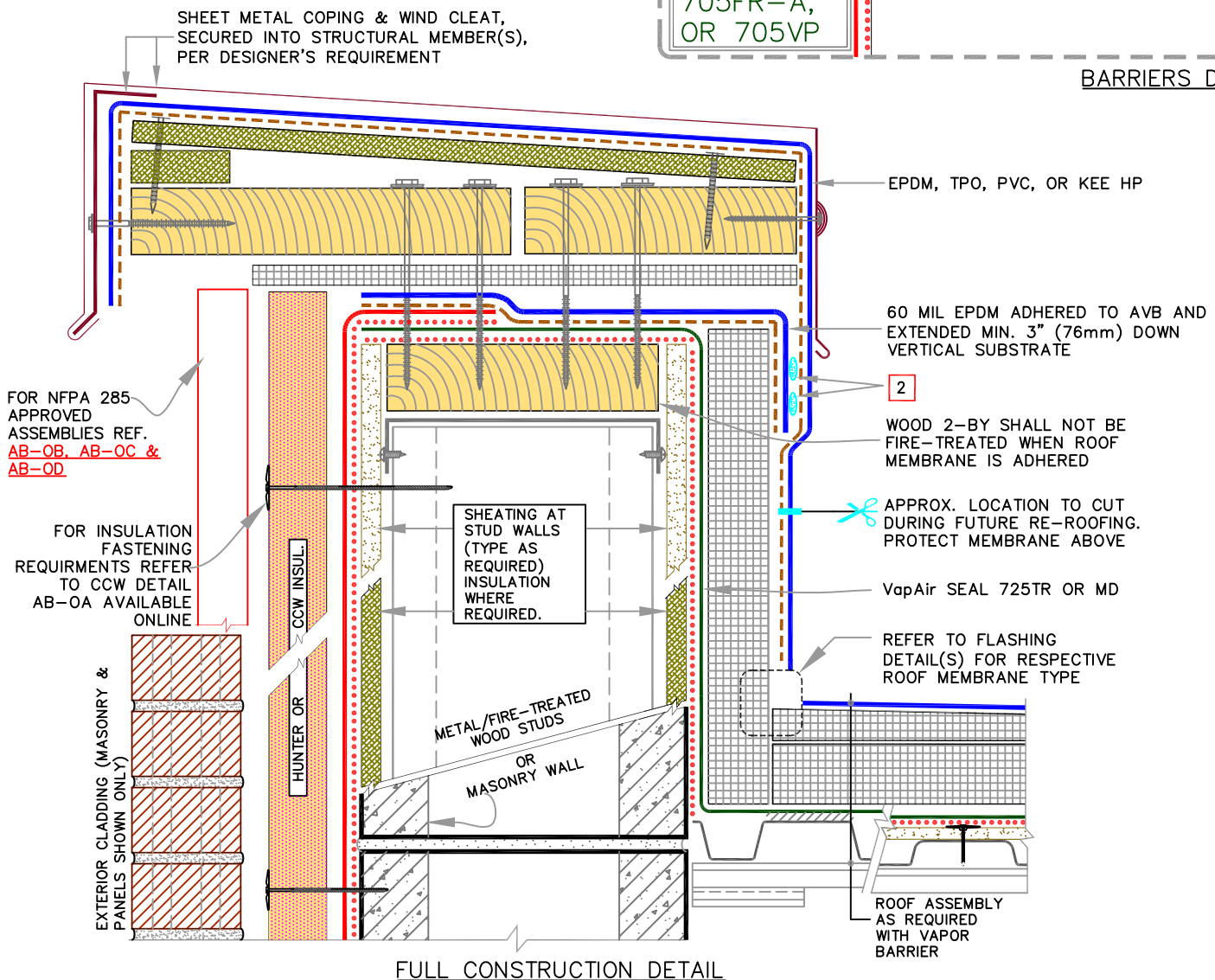
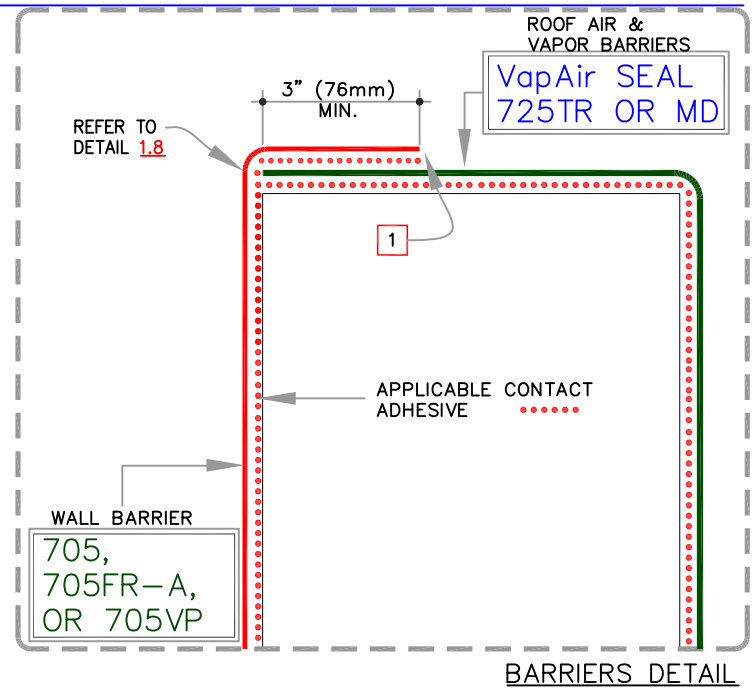


	<div>0</div> <div>REFER TO NOTES</div>	ROOF BARRIERS:	WALL BARRIERS:	4.7
		VapAir SEAL 725TR OR MD	705 OR 705FR-A	
		REFER TO SPECS FOR ADDITIONAL INFORMATION		


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.
- 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.

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



FULL CONSTRUCTION DETAIL

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

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.
- CONTINUOUS BEAD OF UNIVERSAL SINGLE-PLY SEALANT. MIN. 1/2" (13mm) DIAMETER. XXXX

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

REFER TO DETAIL 1.9

ROOF AIR & VAPOR BARRIERS

VapAir SEAL 725TR OR MD

3" (76mm) MIN.

3" (76mm) MIN.

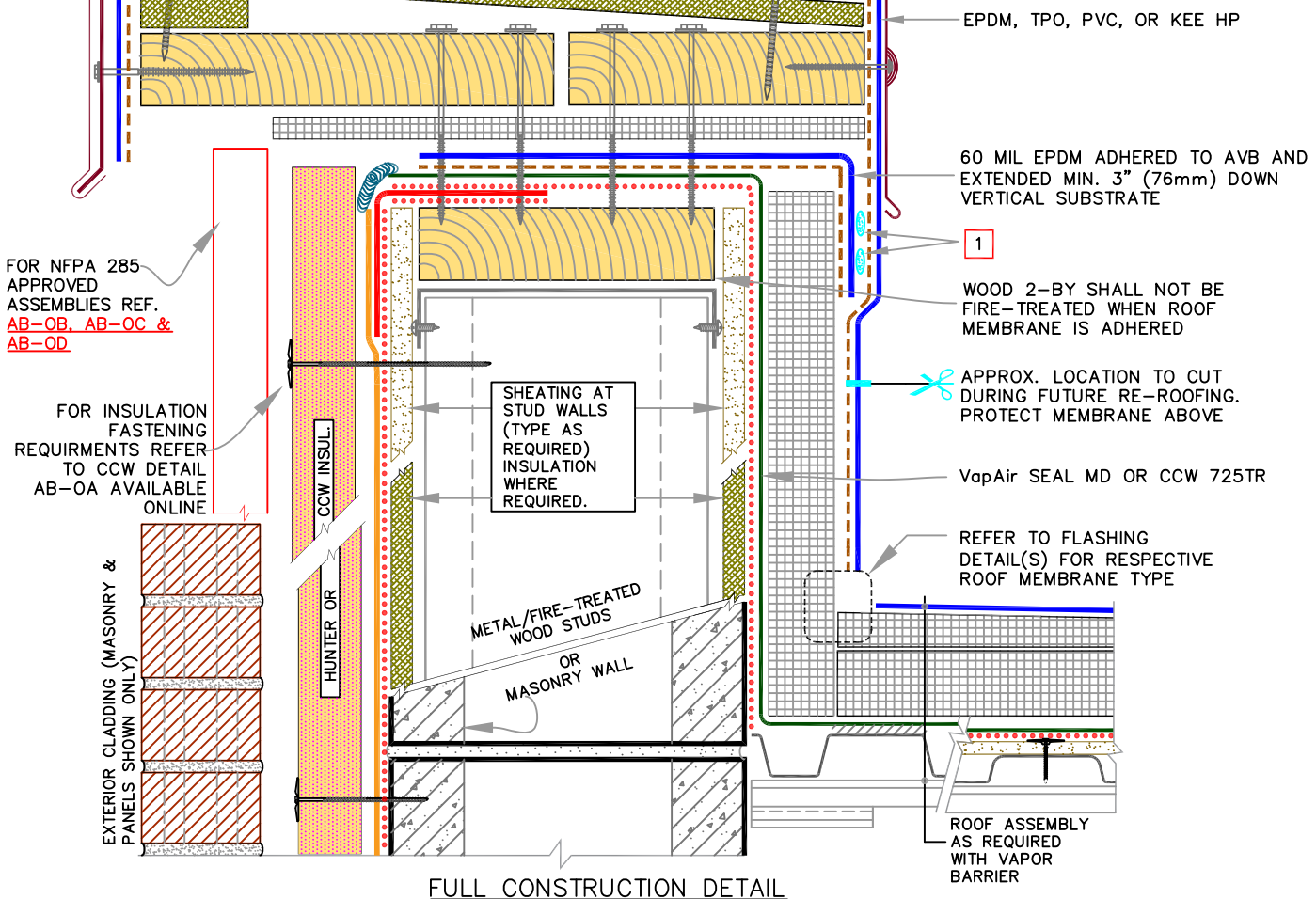
APPLICABLE CONTACT ADHESIVE

CCW 705FR-A

WALL BARRIER

705VP

BARRIERS DETAIL



0

REFER TO NOTES

ROOF BARRIERS:

VapAir SEAL 725TR OR MD

WALL BARRIERS:

705VP

4.9

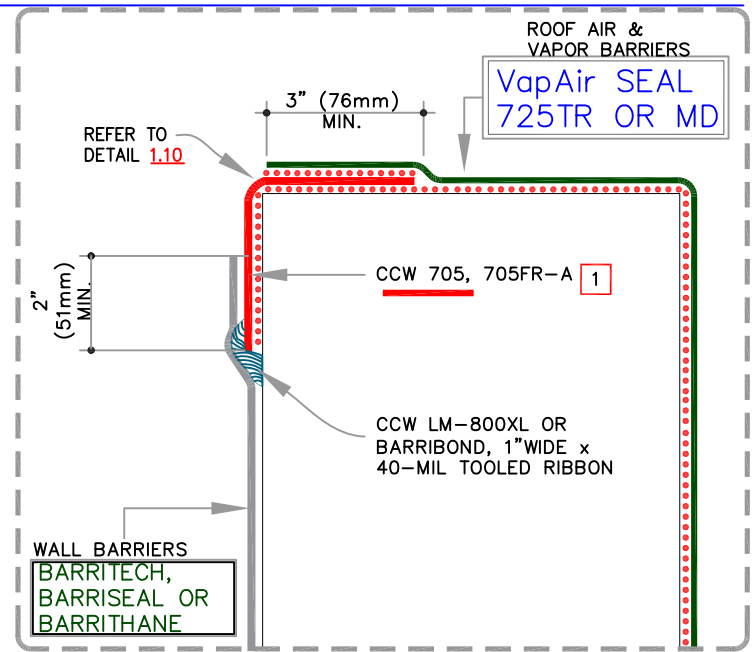
REFER TO SPECS FOR ADDITIONAL INFORMATION

NOTES:

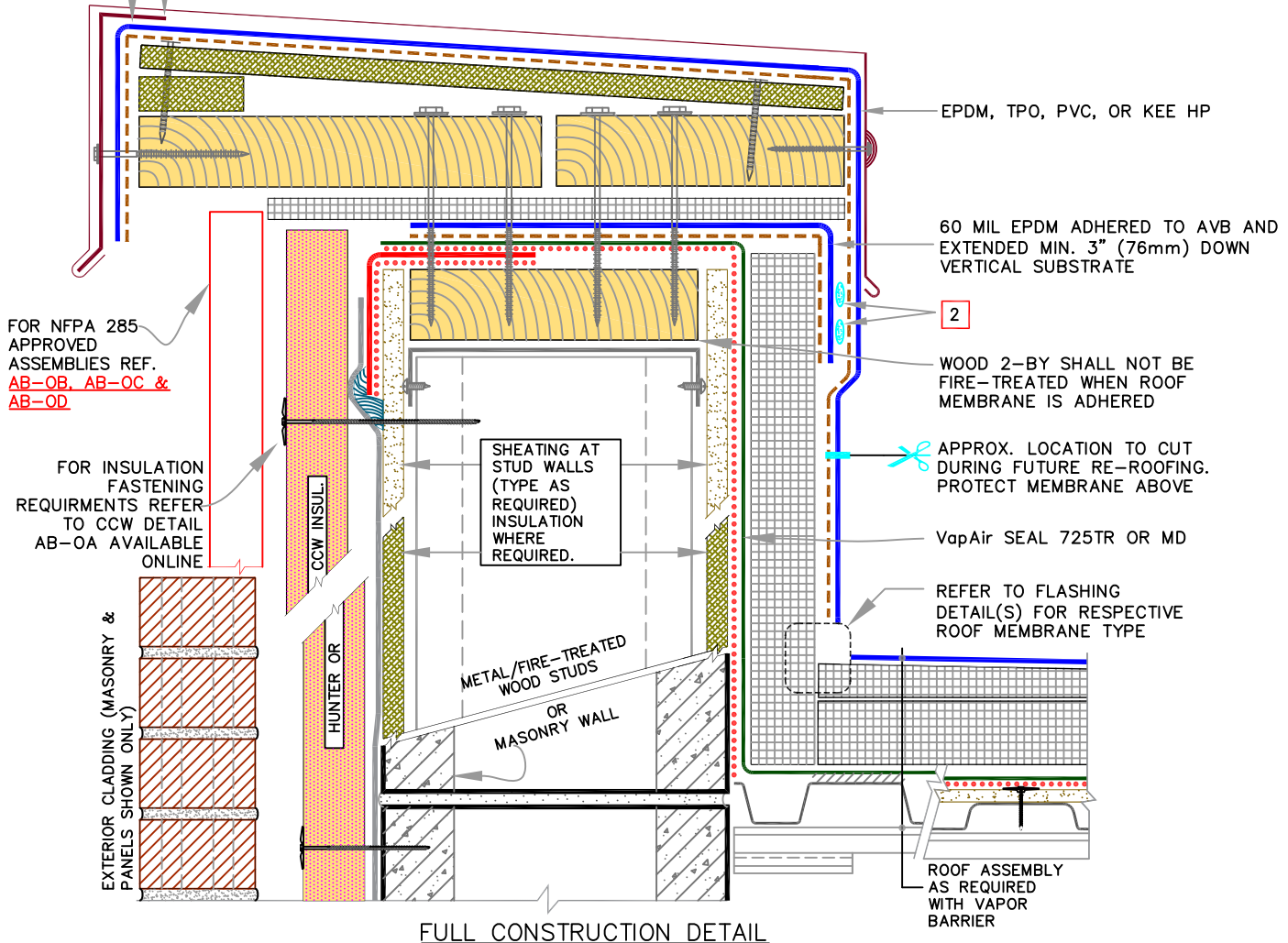
1	IF BARRISEAL	USE 705
	IF BARRITECH	USE 705FR-A
	IF BARRITHANE	USE 705FR-A

- 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.

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



BARRIERS DETAIL



FULL CONSTRUCTION DETAIL



0
REFER
TO
NOTES

ROOF BARRIERS:

VapAir SEAL
725TR OR MD

WALL BARRIERS:

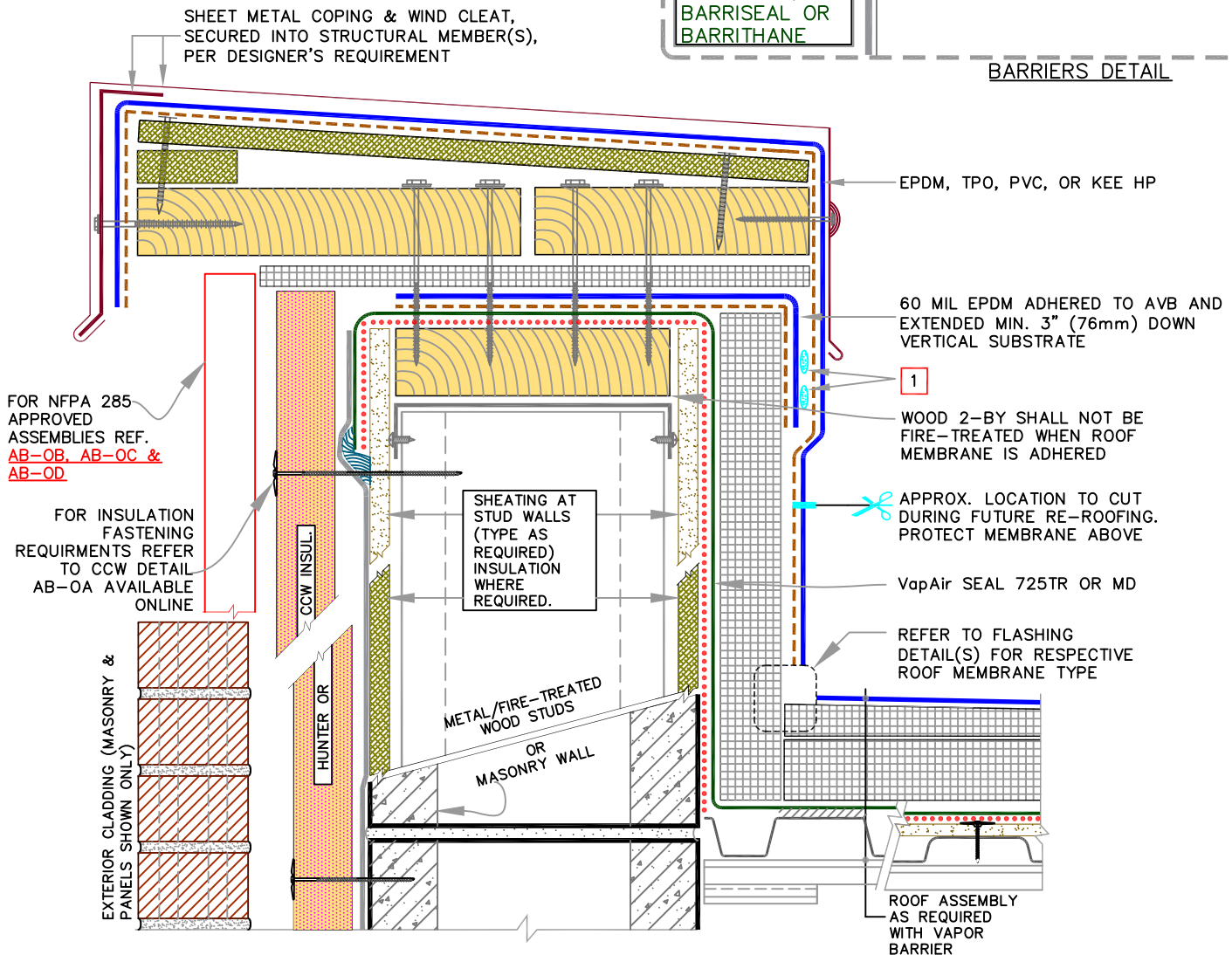
BARRITECH,
BARRISEAL
OR
BARRITHANE

4.10


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.



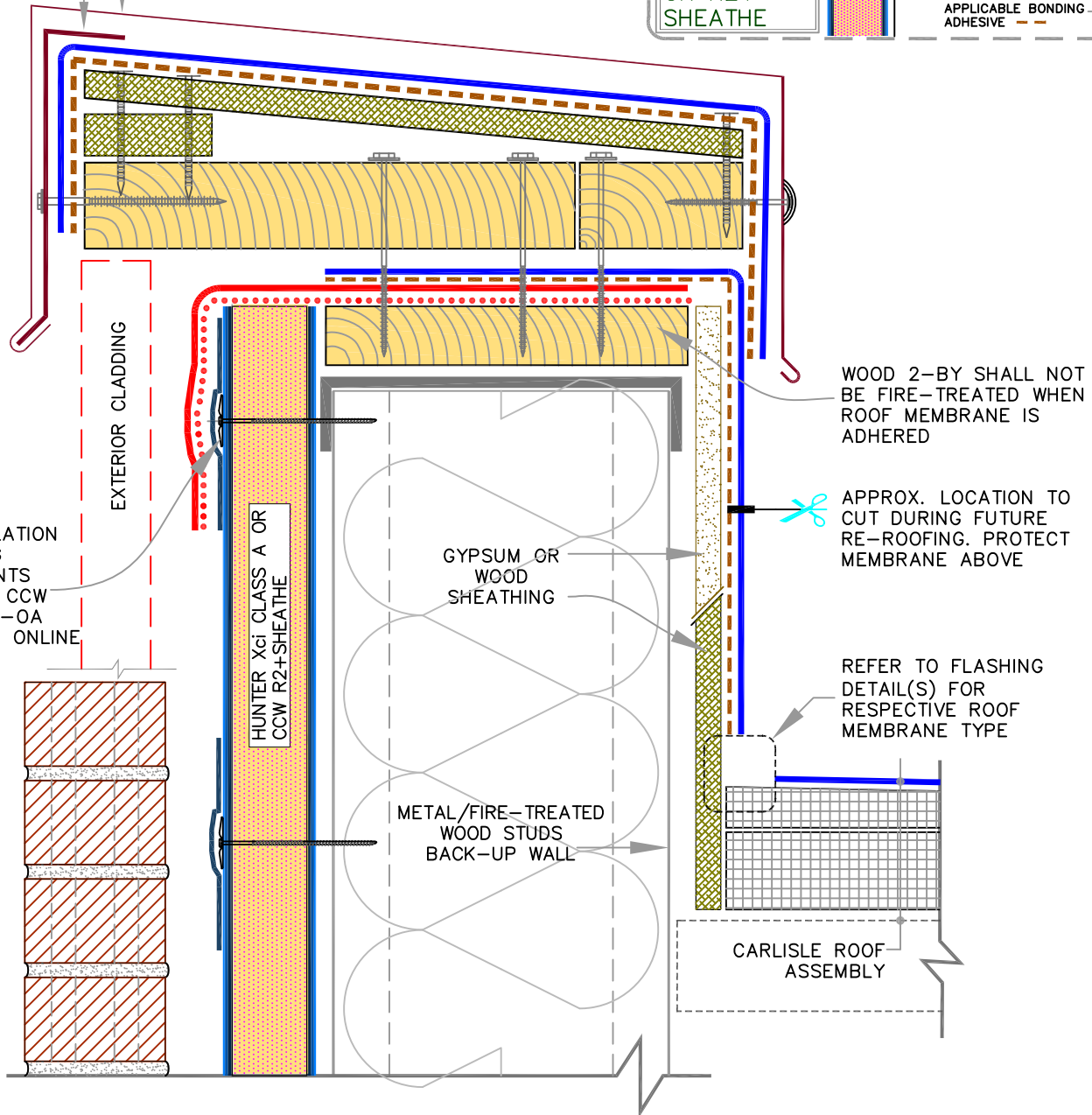
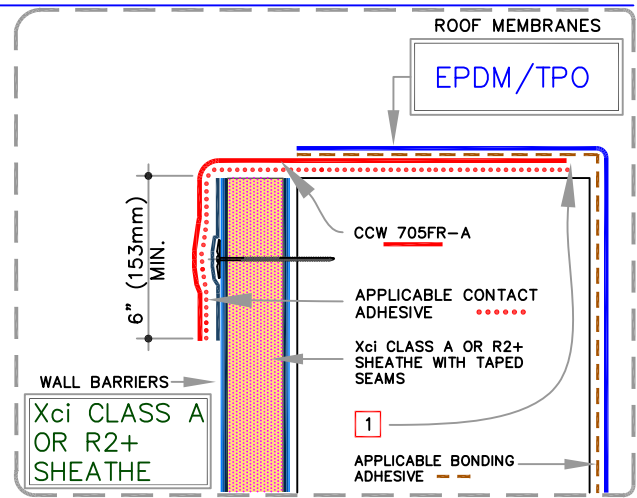
FULL CONSTRUCTION DETAIL

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

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



0

REFER TO NOTES

ROOF BARRIERS:

EPDM
OR
TPO

WALL BARRIERS:

Xci CLASS A
OR
R2+ SHEATHE

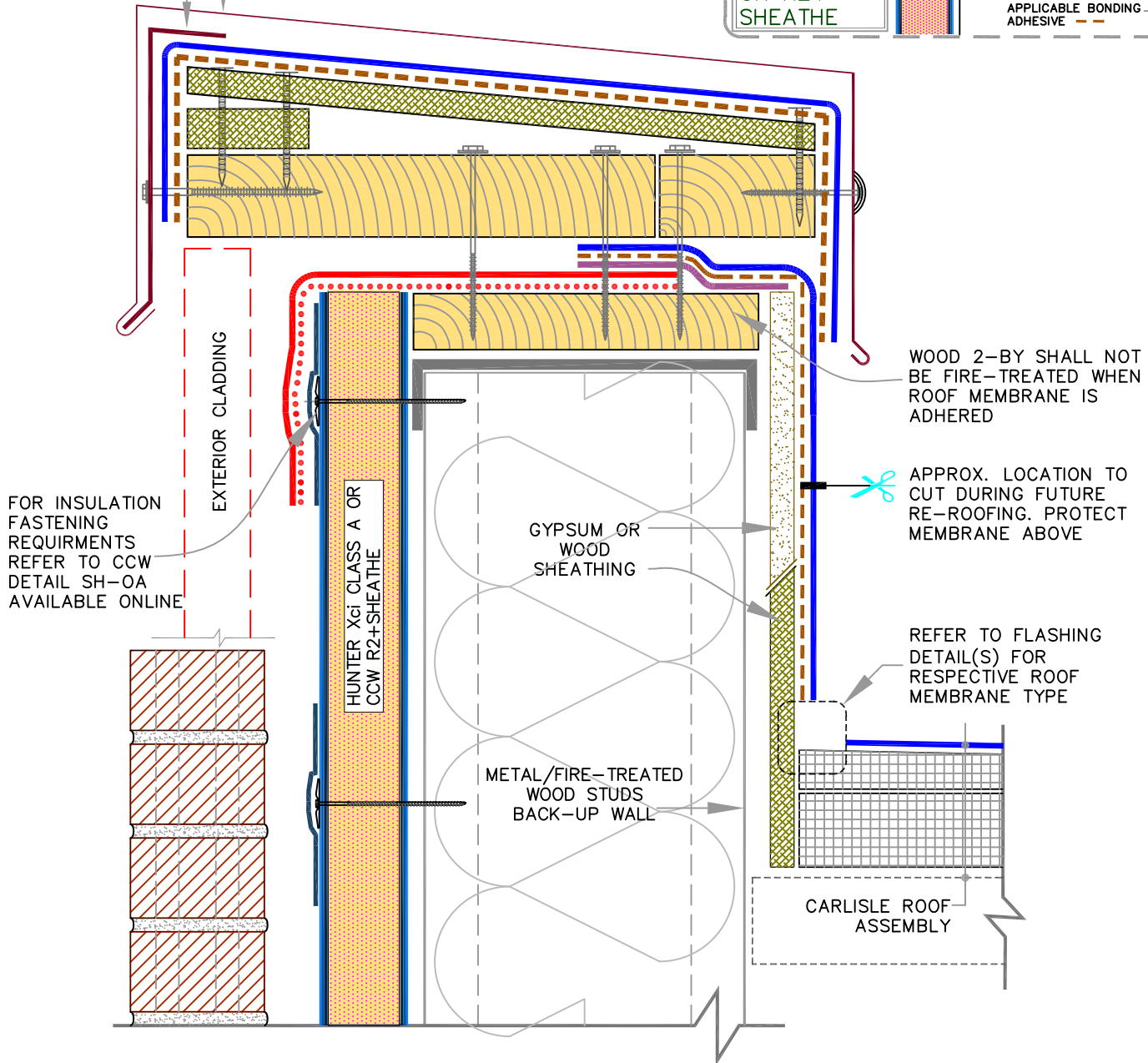
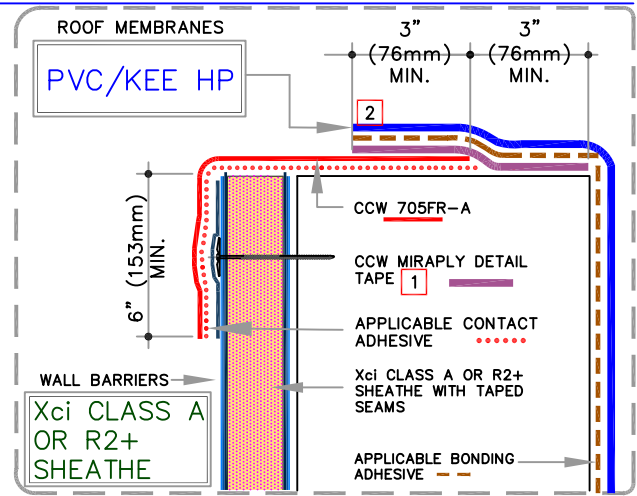
4.12

REFER TO SPECS FOR ADDITIONAL INFORMATION

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



0

REFER
TO
NOTES

ROOF BARRIERS:

PVC
OR
KEE HP

WALL BARRIERS:

Xci CLASS A
OR
R2+ SHEATHE

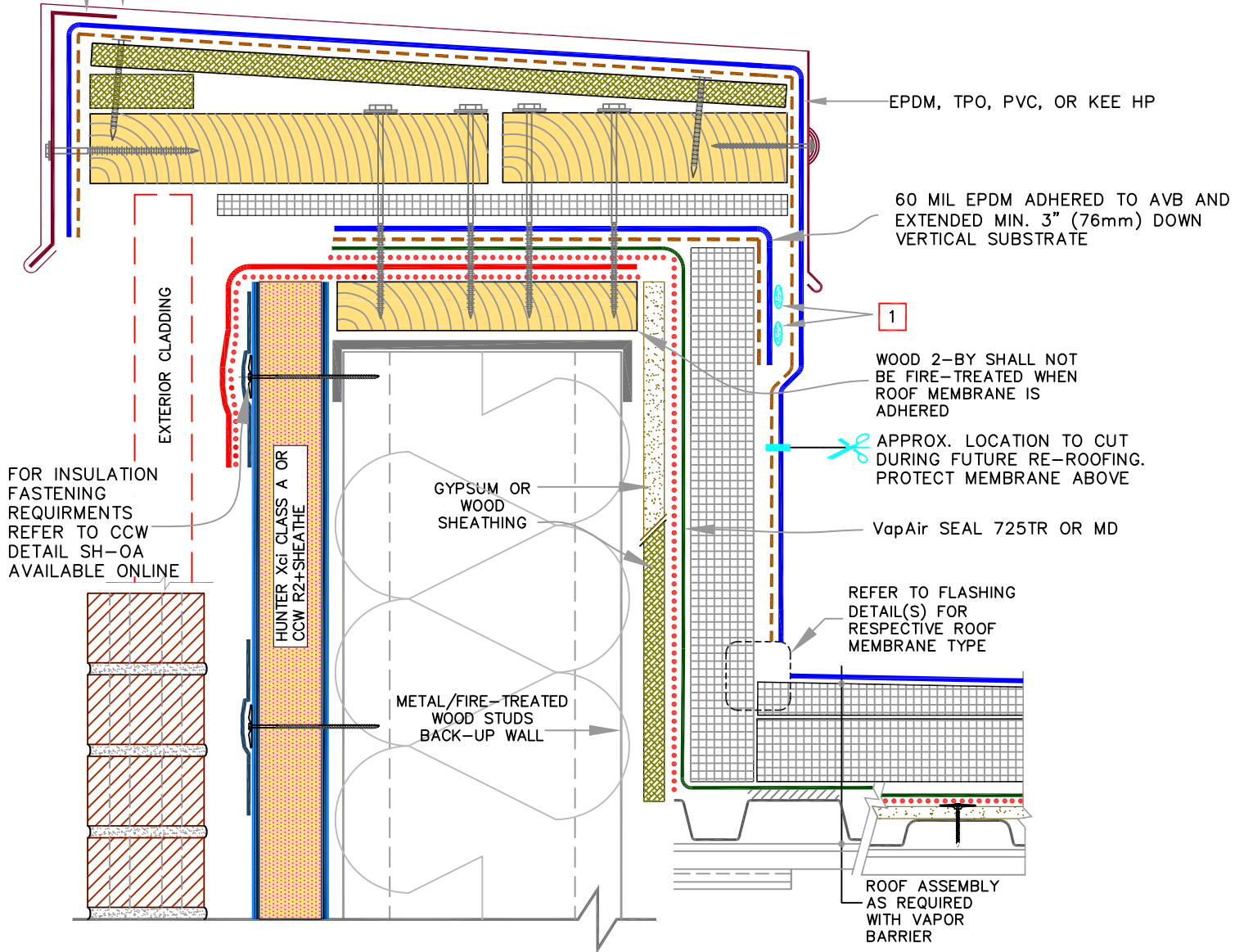
4.13

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
- 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



0

REFER TO NOTES

ROOF BARRIERS:

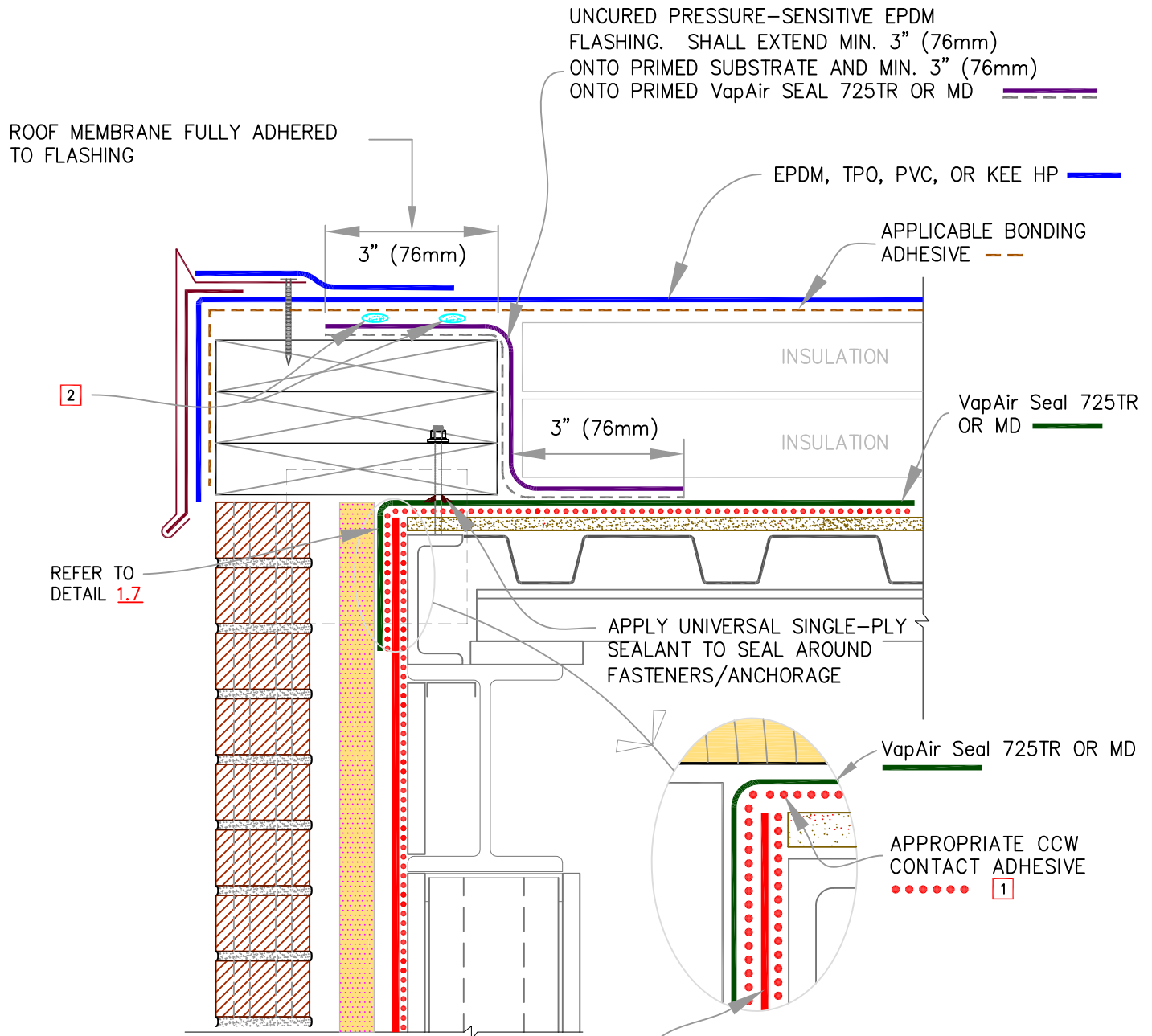
VapAir SEAL 725TR OR MD

WALL BARRIERS:

Xci CLASS A OR R2+ SHEATHE

4.14

REFER TO SPECS FOR ADDITIONAL INFORMATION




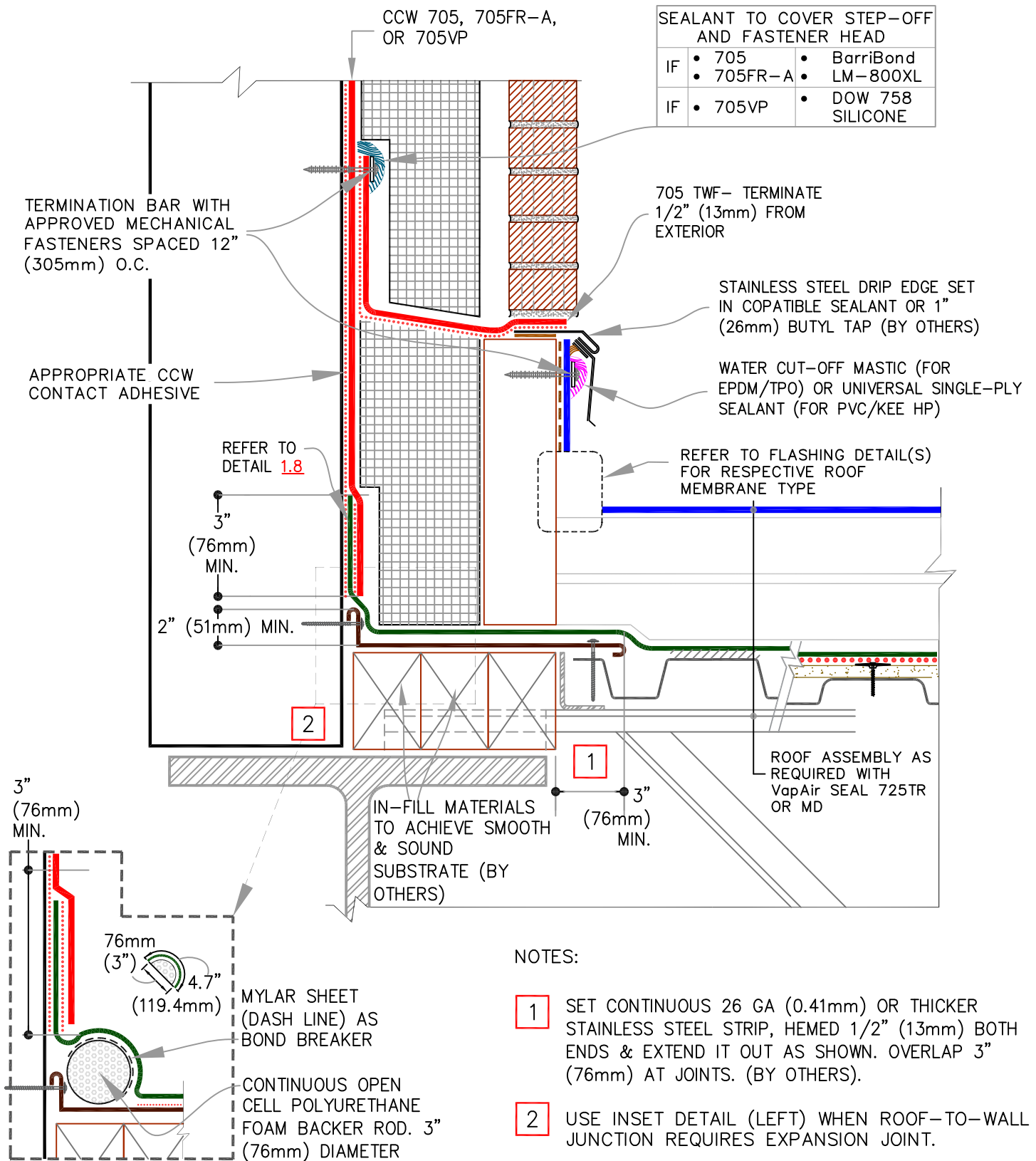
NOTES:


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

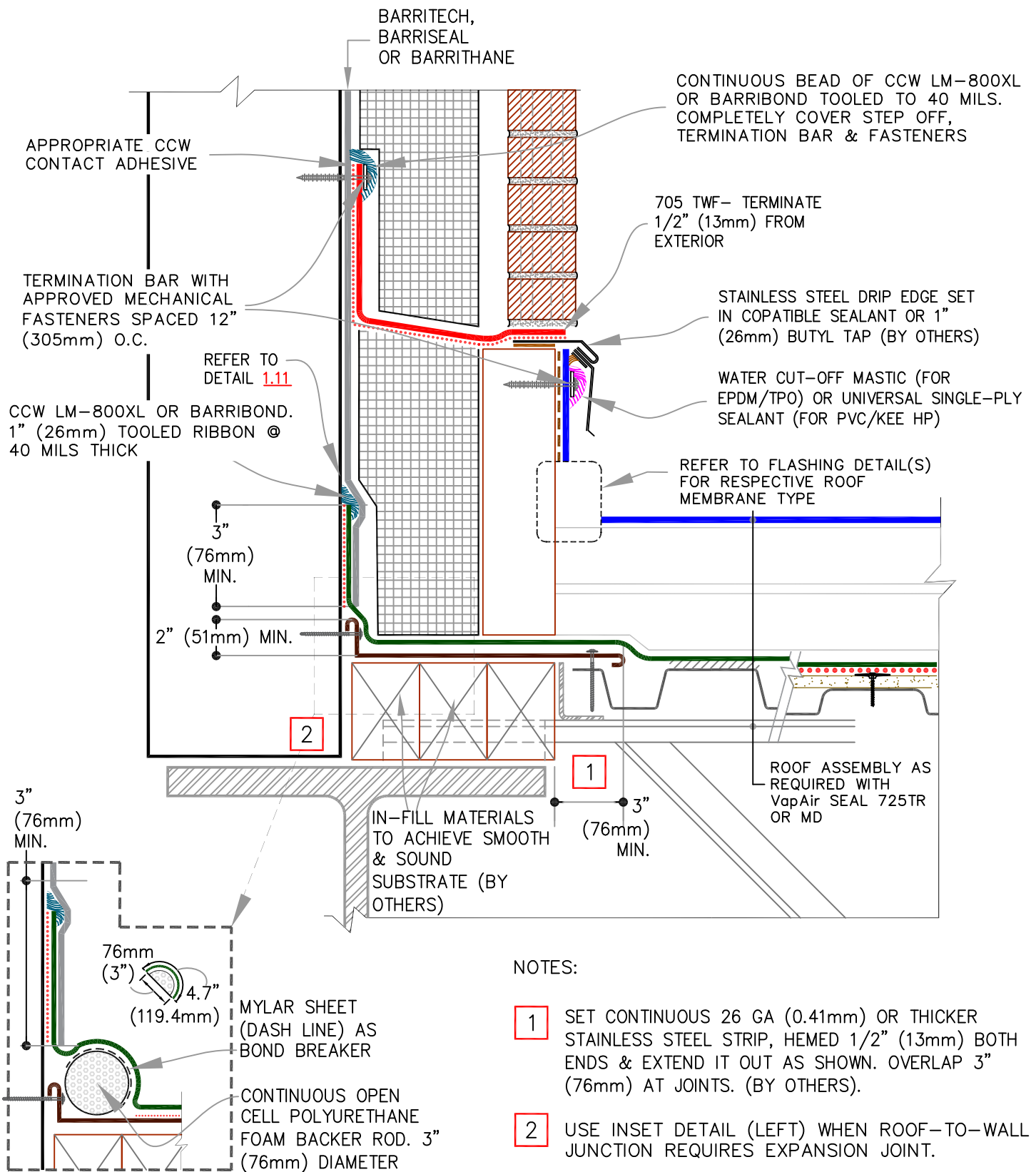
CCW AIR BARRIER. OVERLAP SHALL BE A MIN. 3" (76mm). SEE MATERIAL COMPATIBILITY DETAILS 1.7 THROUGH 1.11 FOR APPROPRIATE PRODUCT TIE-IN.


- 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.

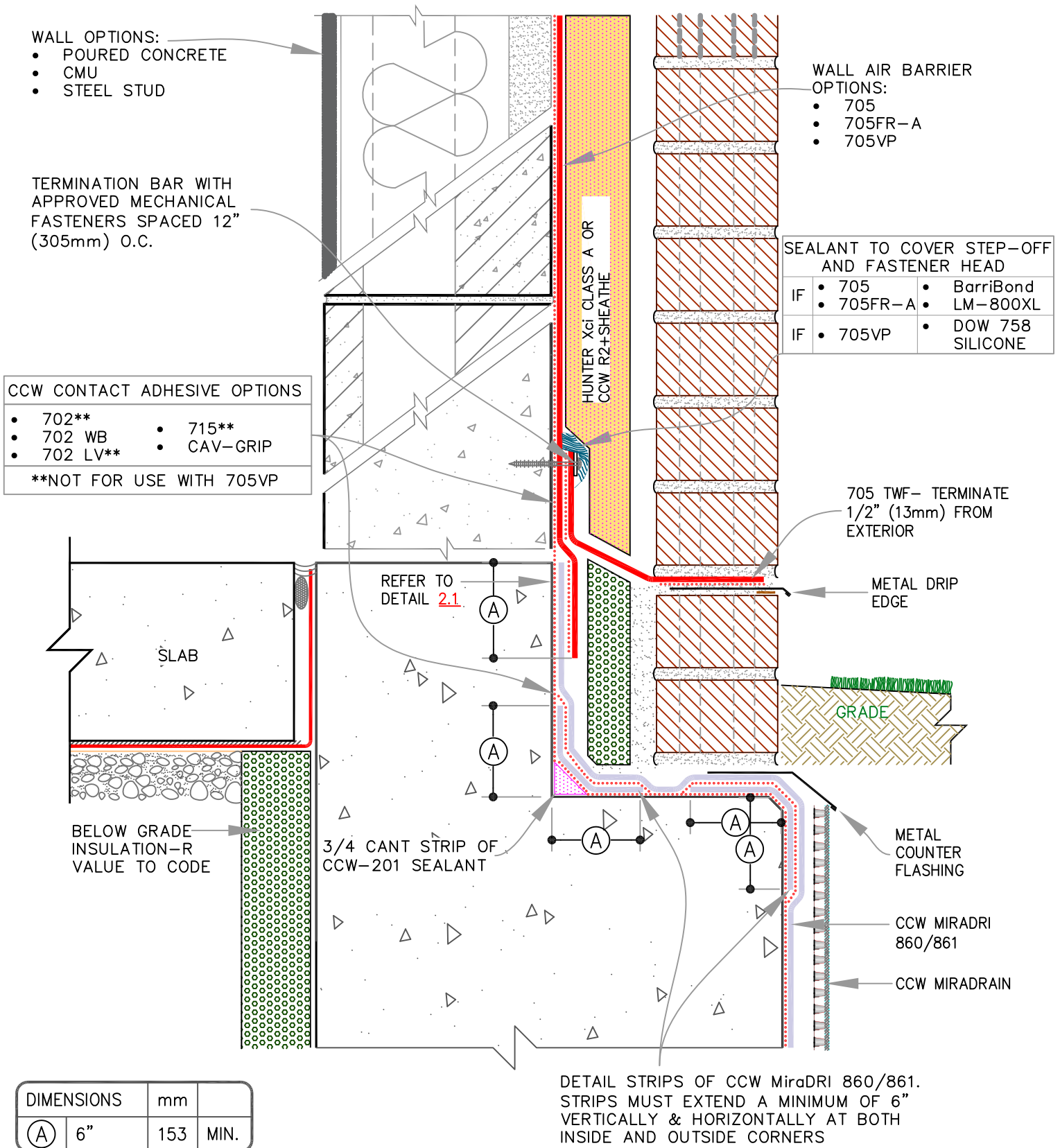
 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	ROOF BARRIERS:	WALL BARRIERS:	4.15
	REFER TO NOTES	VapAir SEAL 725TR OR MD	ALL CCW AIR BARRIERS	
	REFER TO SPECS FOR ADDITIONAL INFORMATION			




 <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>705, 705FR-A OR 705VP</p>	<p>4.16</p>

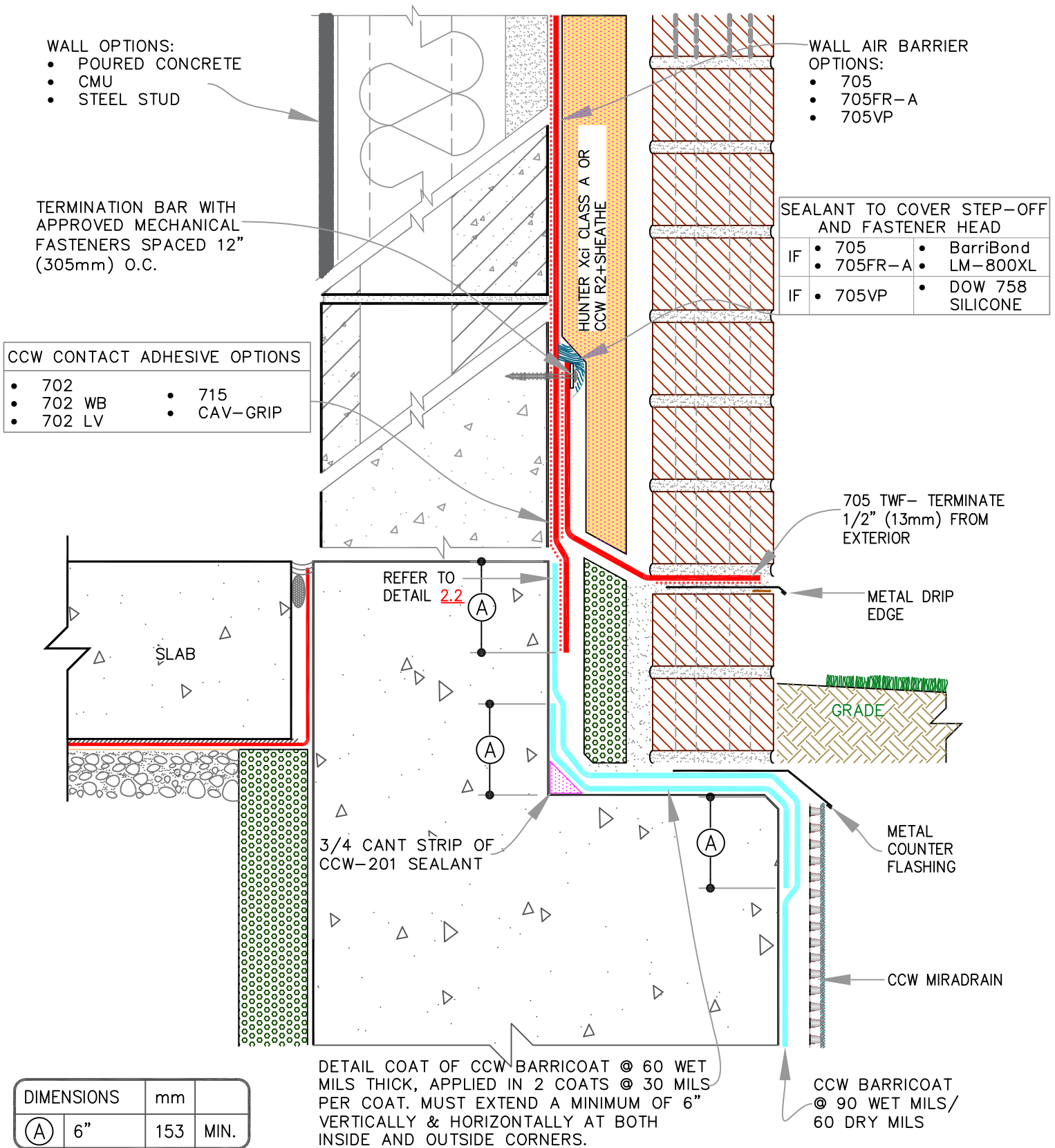



 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> REFER TO NOTES	ROOF BARRIERS: VapAir SEAL 725TR OR MD	WALL BARRIERS: BARRITECH, BARRISEAL OR BARRITHANE	4.17
	REFER TO SPECS FOR ADDITIONAL INFORMATION			



DIMENSIONS		mm	
(A)	6"	153	MIN.

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> REFER TO NOTES	WALL BARRIERS: 705, 705FR-A OR 705VP	BELOW GRADE BARRIERS: MIRADRI 860/861	5.1
	REFER TO SPECS FOR ADDITIONAL INFORMATION			



 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> REFER TO NOTES	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.2
		705, 705FR-A OR 705VP	BARRICOAT	
REFER TO SPECS FOR ADDITIONAL INFORMATION				

CCW CONTACT ADHESIVE OPTIONS

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

**NOT FOR USE WITH 705VP

WALL OPTIONS:

- POURED CONCRETE
- CMU
- STEEL STUD

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

30 MILS OF CCW 703V LIQUISEAL

REFER TO
DETAIL 2.3

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 MIRASEAL @ 60 MILS
2. CCW 500 REINFORCING FABRIC
3. TOP COAT OF MIRASEAL @ 60 MILS

WALL AIR BARRIER OPTIONS:

- 705
- 705 FR-A
- 705 VP

CONTINUOUS BEAD OF SEALANT TOOLED TO 40 MILS

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

*SEALANT MUST COMPLETELY COVER TERMINATION BAR AND FASTENERS

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

METAL DRIP EDGE

GRADE

12" OF CCW LIQUIFIBER

METAL COUNTER FLASHING

CCW MIRADRAIN

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



0

REFER
TO
NOTES

WALL BARRIERS:

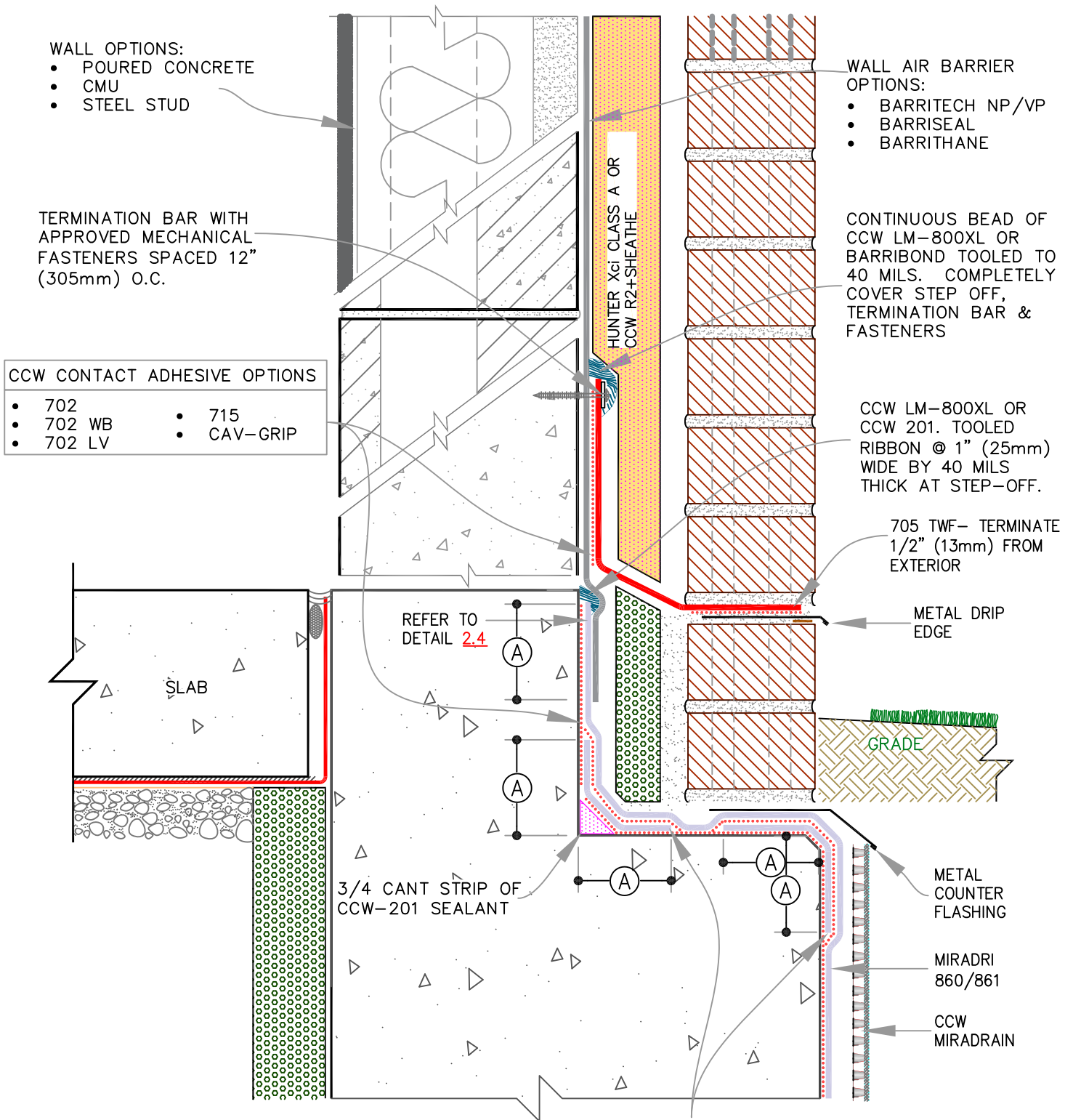
705, 705FR-A
OR 705VP

BELOW GRADE BARRIERS:

MIRASEAL


5.3

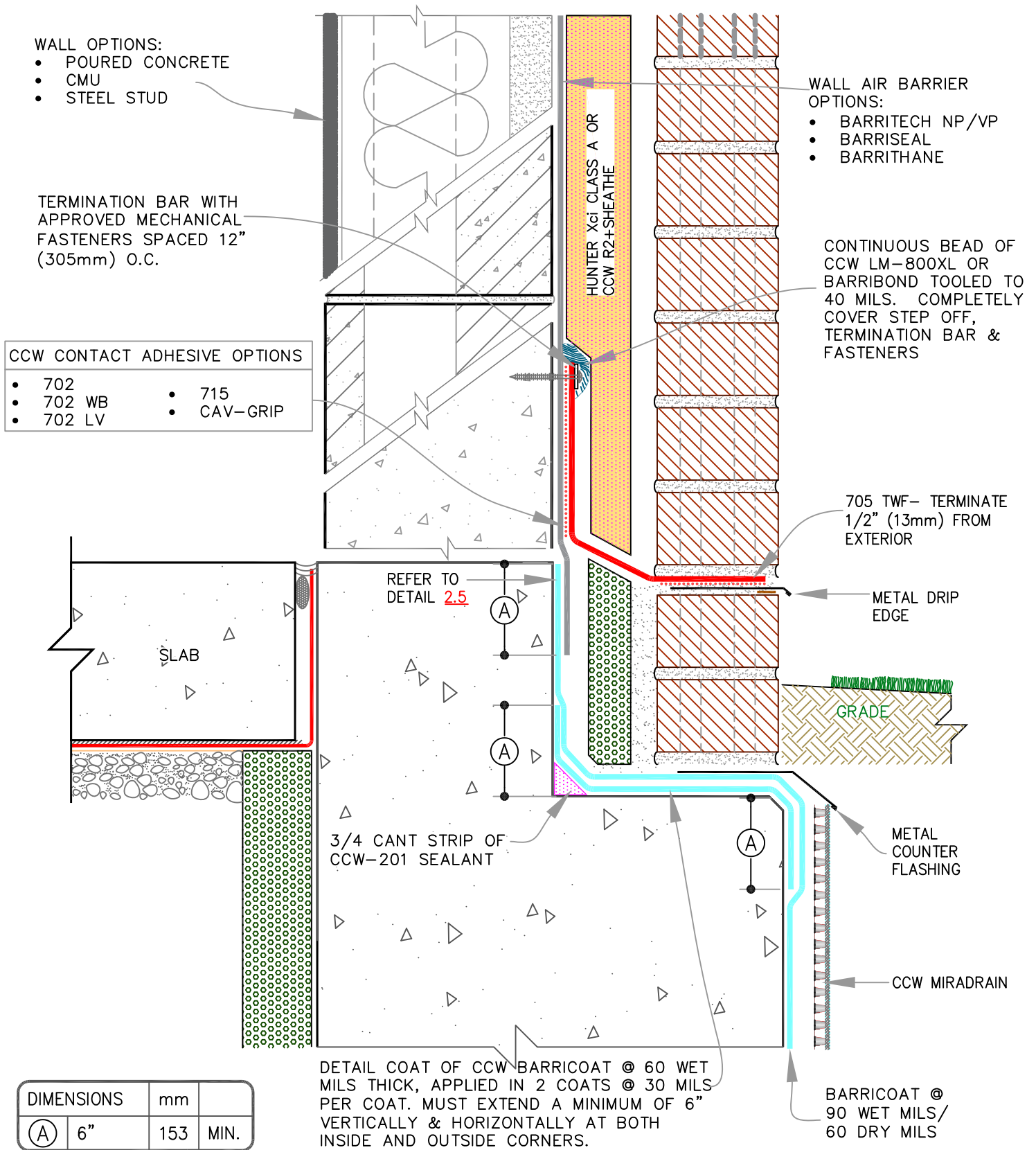
REFER TO SPECS FOR ADDITIONAL INFORMATION




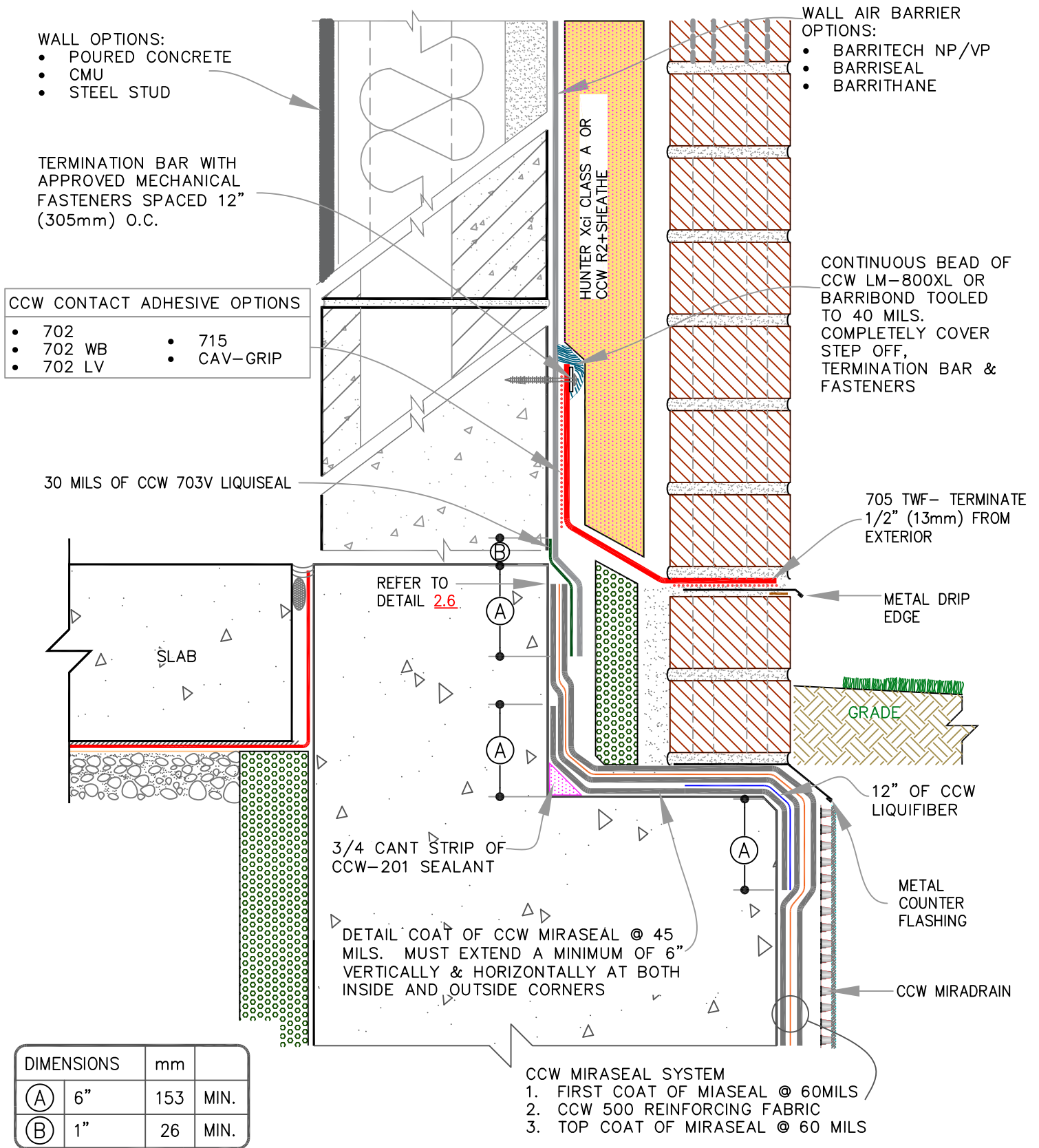
DETAIL STRIPS OF CCW MiraDRI 860/861. STRIPS MUST EXTEND A MINIMUM OF 6" VERTICALLY & HORIZONTALLY AT BOTH INSIDE AND OUTSIDE CORNERS


DIMENSIONS	mm	
(A) 6"	153	MIN.

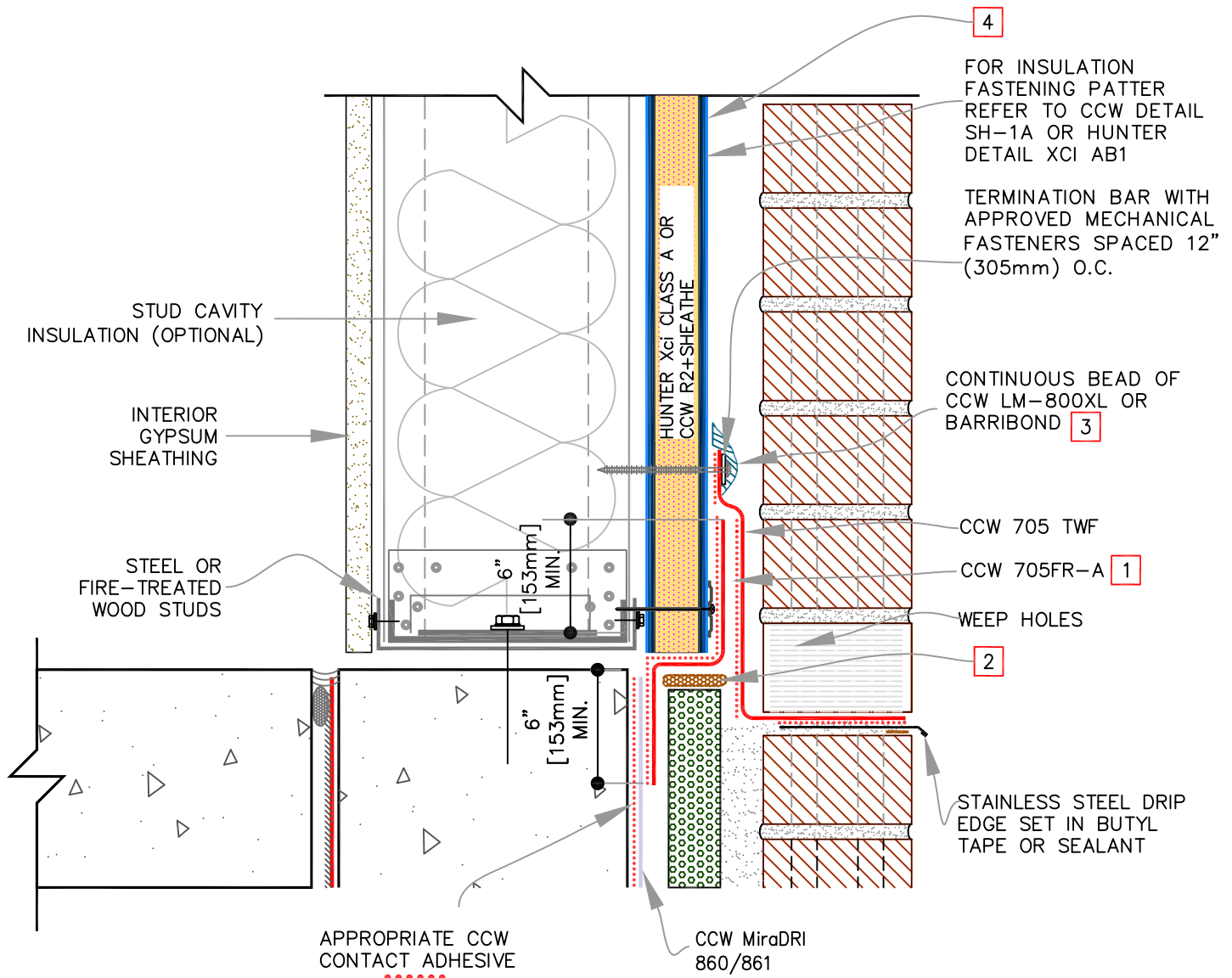
 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> REFER TO NOTES	WALL BARRIERS: BARRITECH, BARRISEAL OR BARRITHANE	BELOW GRADE BARRIERS: MIRADRI 860/861	5.4
	REFER TO SPECS FOR ADDITIONAL INFORMATION			



 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.5
	REFER TO NOTES	BARRITECH, BARRISEAL OR BARRITHANE	BARRICOAT	
REFER TO SPECS FOR ADDITIONAL INFORMATION				




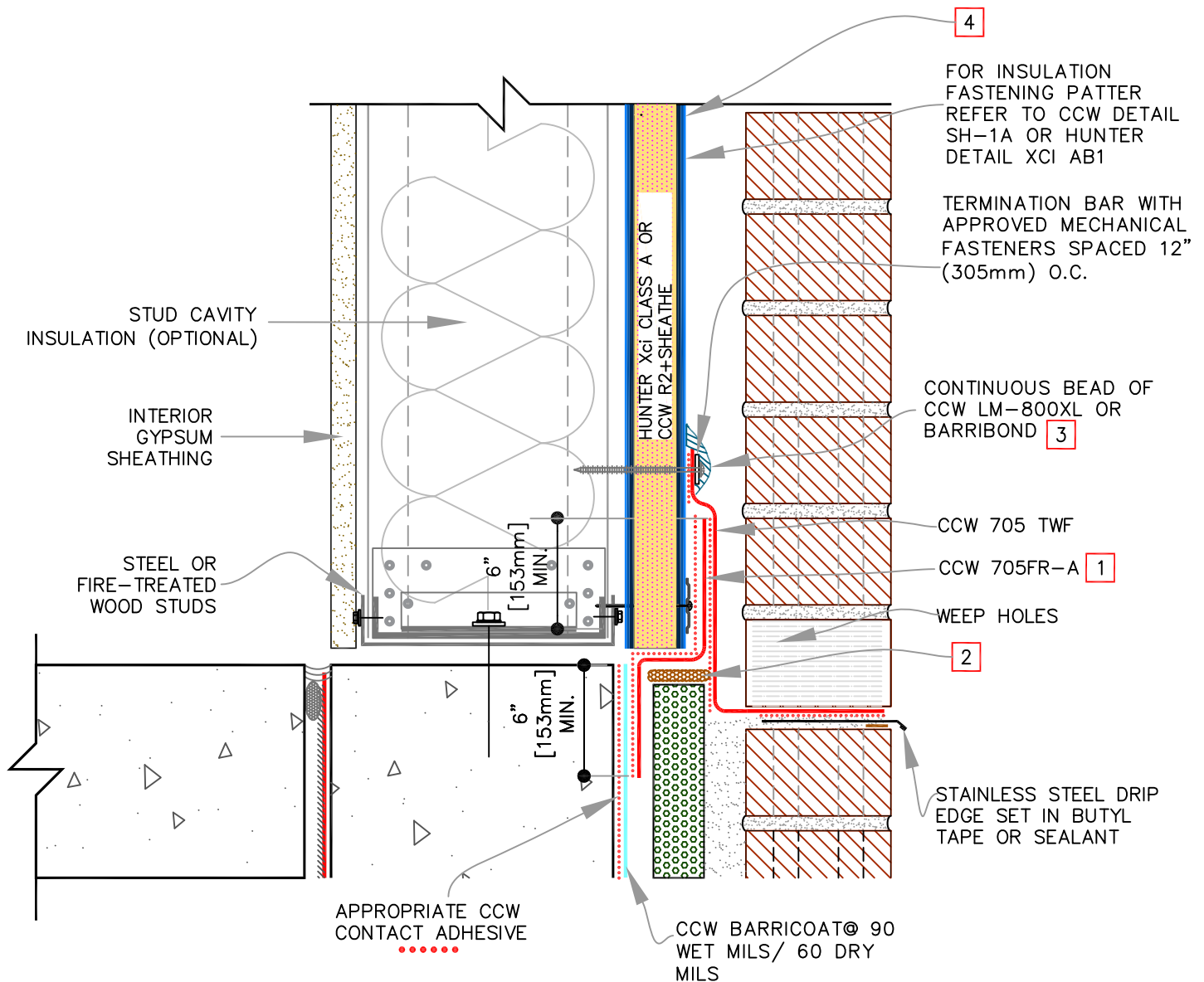
 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div> <div>REFER TO NOTES</div>	WALL BARRIERS:	BELOW GRADE BARRIERS:	5.6
		BARRITECH, BARRISEAL OR BARRITHANE	MIRADRI 860/861	
REFER TO SPECS FOR ADDITIONAL INFORMATION				



NOTES:


- (1) USE STRIP OF CCW 705FR-A TO BRIDGE BETWEEN INSULATIVE SHEATHING BOARD AND BELOW GRADE WATERPROOFING
- (2) FILL GAPS AT R2+SHEATHE 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

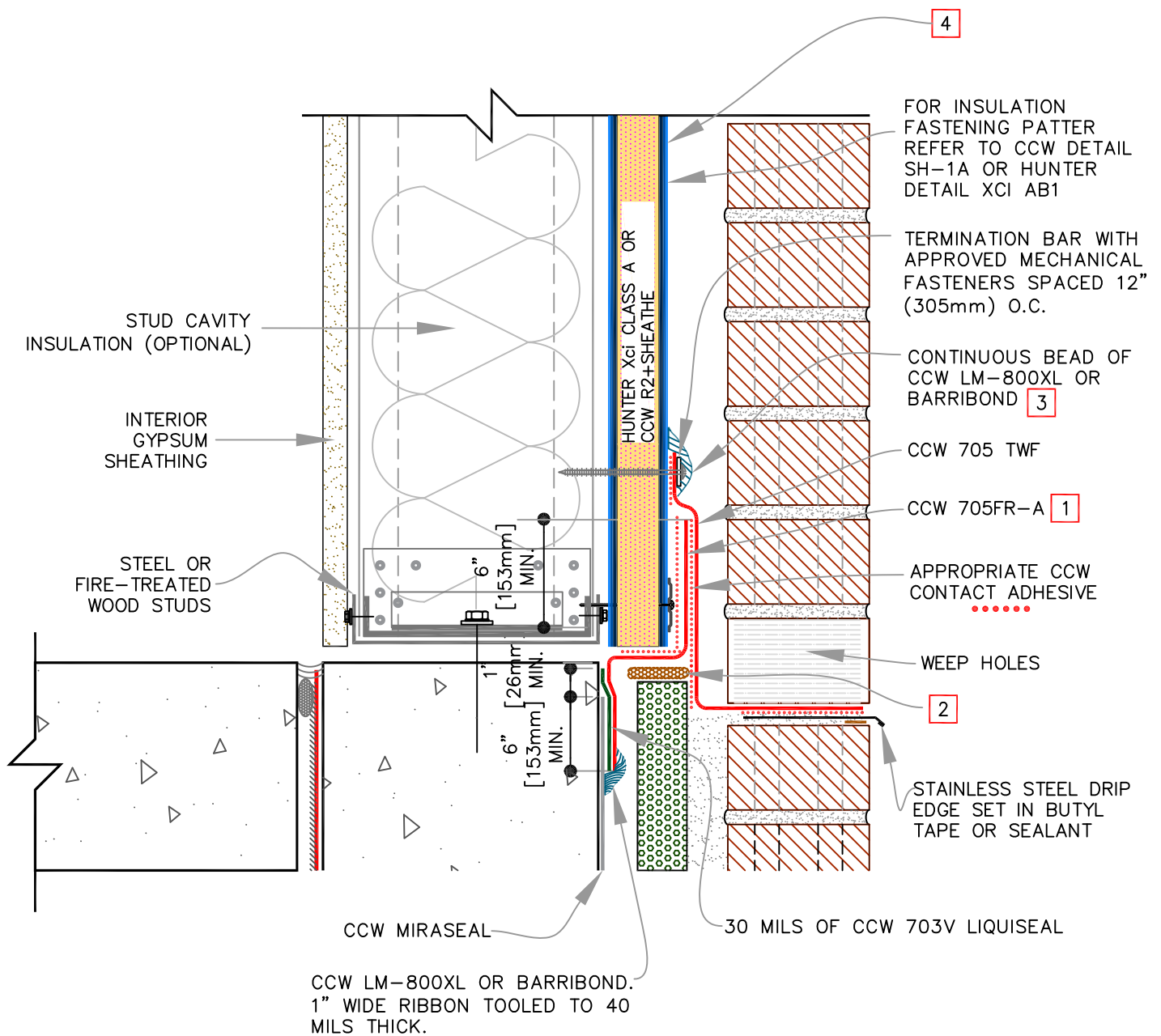
	0 REFER TO NOTES	WALL BARRIERS: Xci CLASS A OR R2+ SHEATHE	BELOW GRADE BARRIERS: MIRADRI 860/861	5.7
REFER TO SPECS FOR ADDITIONAL INFORMATION				



NOTES:


- (1) USE STRIP OF CCW 705FR-A TO BRIDGE BETWEEN INSULATIVE SHEATHING BOARD AND BELOW GRADE WATERPROOFING
- (2) FILL GAPS AT R2+SHEATHE 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

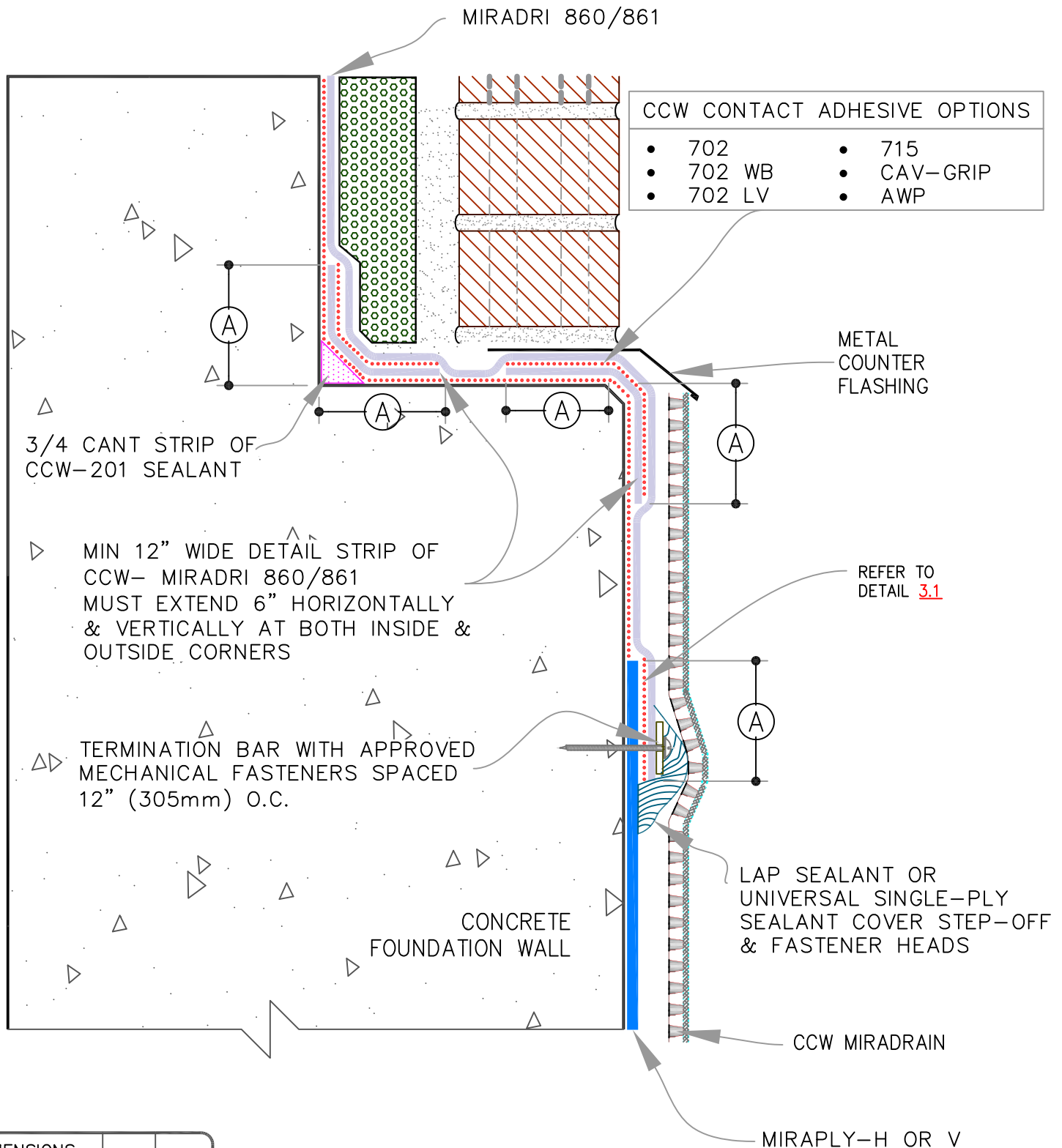
	<div>(0)</div> <div>REFER TO NOTES</div>	<div>WALL BARRIERS:</div> <div>Xci CLASS A OR R2+ SHEATHE</div>	<div>BELOW GRADE BARRIERS:</div> <div>BARRICOAT</div>	<div>5.8</div>
REFER TO SPECS FOR ADDITIONAL INFORMATION				




NOTES:

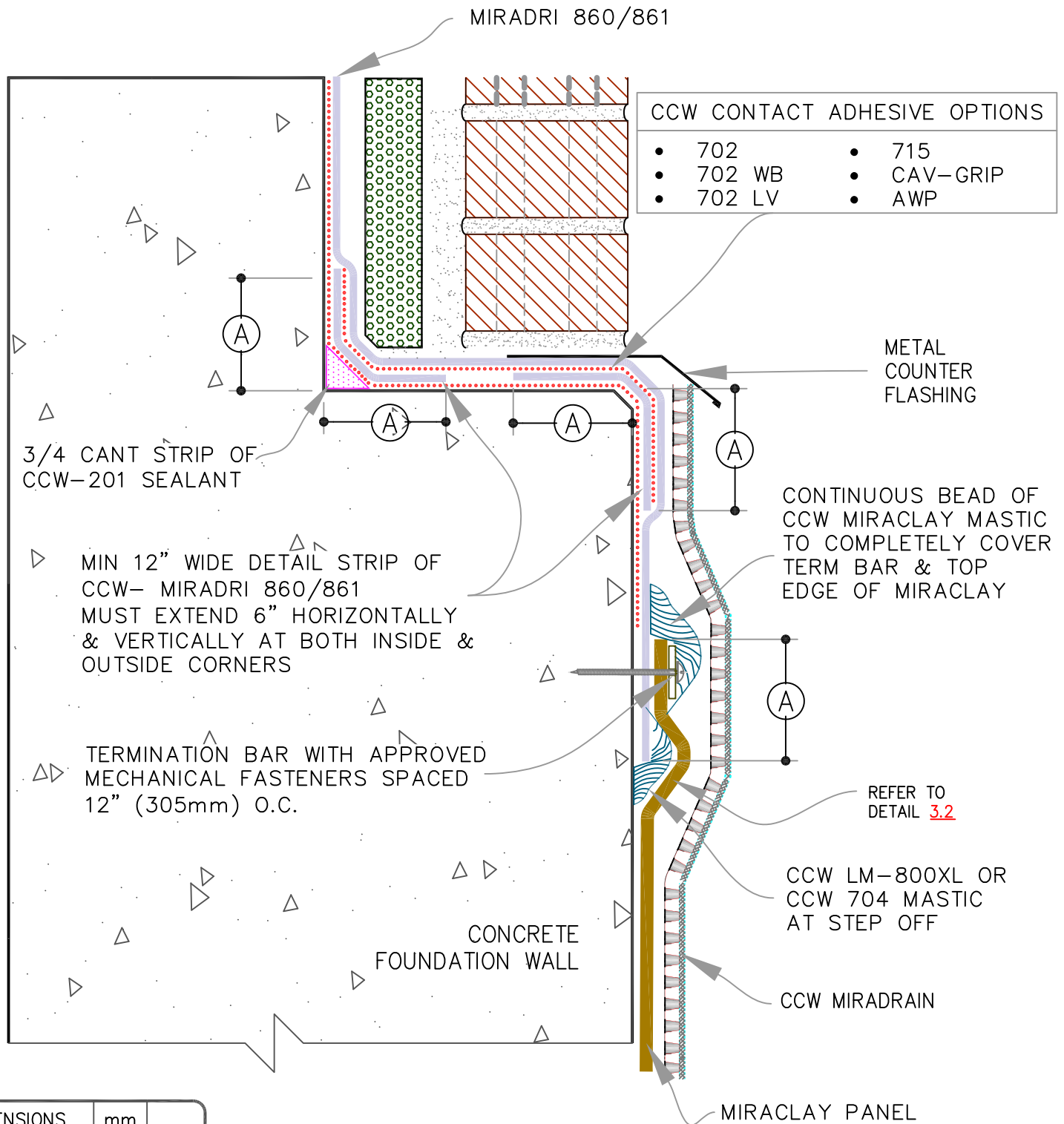
- 1 USE STRIP OF CCW 705FR-A TO BRIDGE BETWEEN INSULATIVE SHEATHING BOARD AND BELOW GRADE WATERPROOFING
- 2 FILL GAPS AT R2+SHEATHE BOARD JOINTS OR PENETRATIONS, EXCEEDING 1/8" (3mm) WIDTH, WITH LOW RISE BEAD OF FOAM SEALANT.
- 3 SEALANT/MASTIC SHALL BE TOOLED TO 40 MILS AND COMPLETELY COVER STEP OFF, 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

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




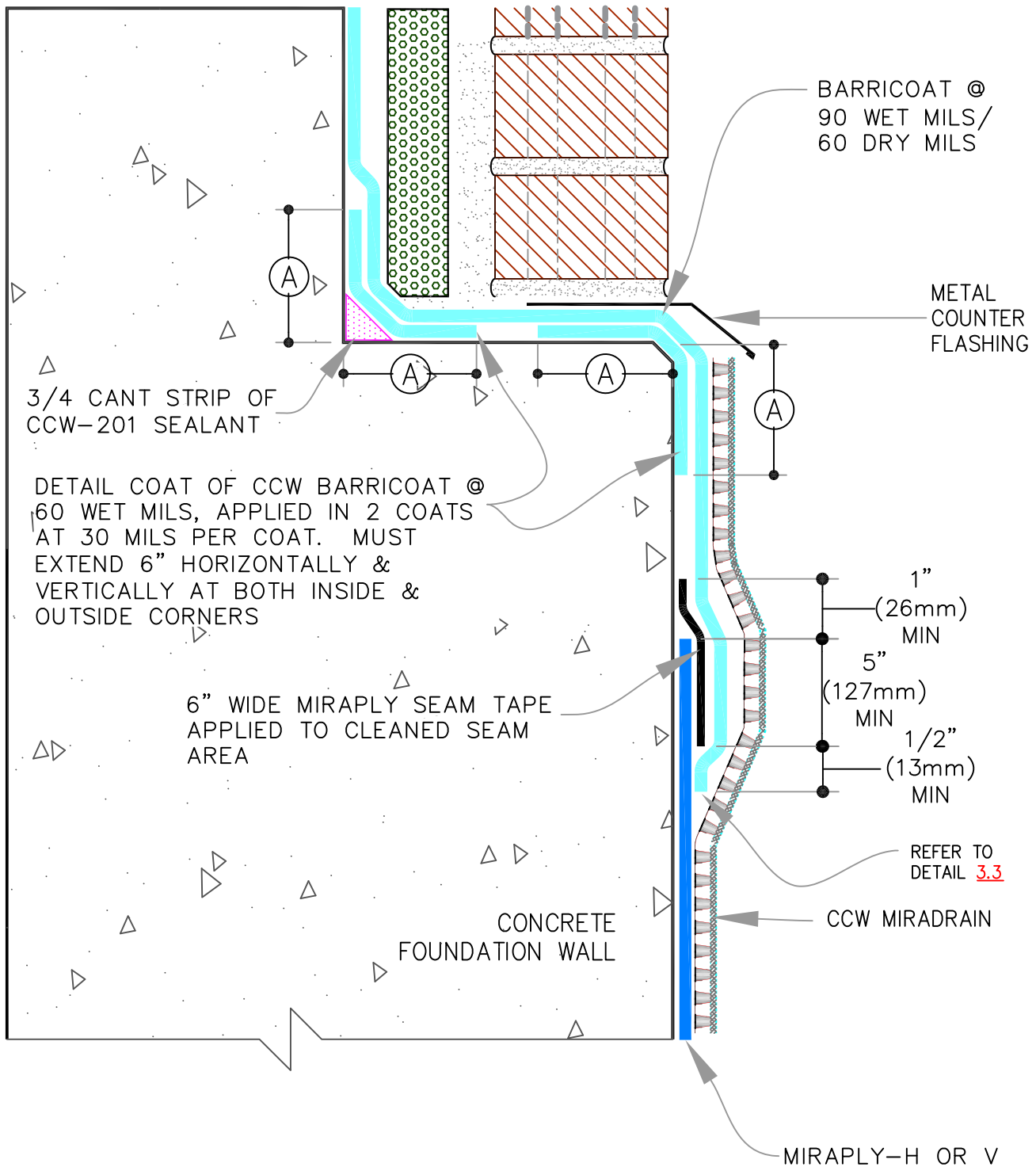
DIMENSIONS	mm	
(A)	6"	153 MIN.

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.1
	REFER TO NOTES	MIRADRI 860/861	MIRAPLY H OR V	
REFER TO SPECS FOR ADDITIONAL INFORMATION				




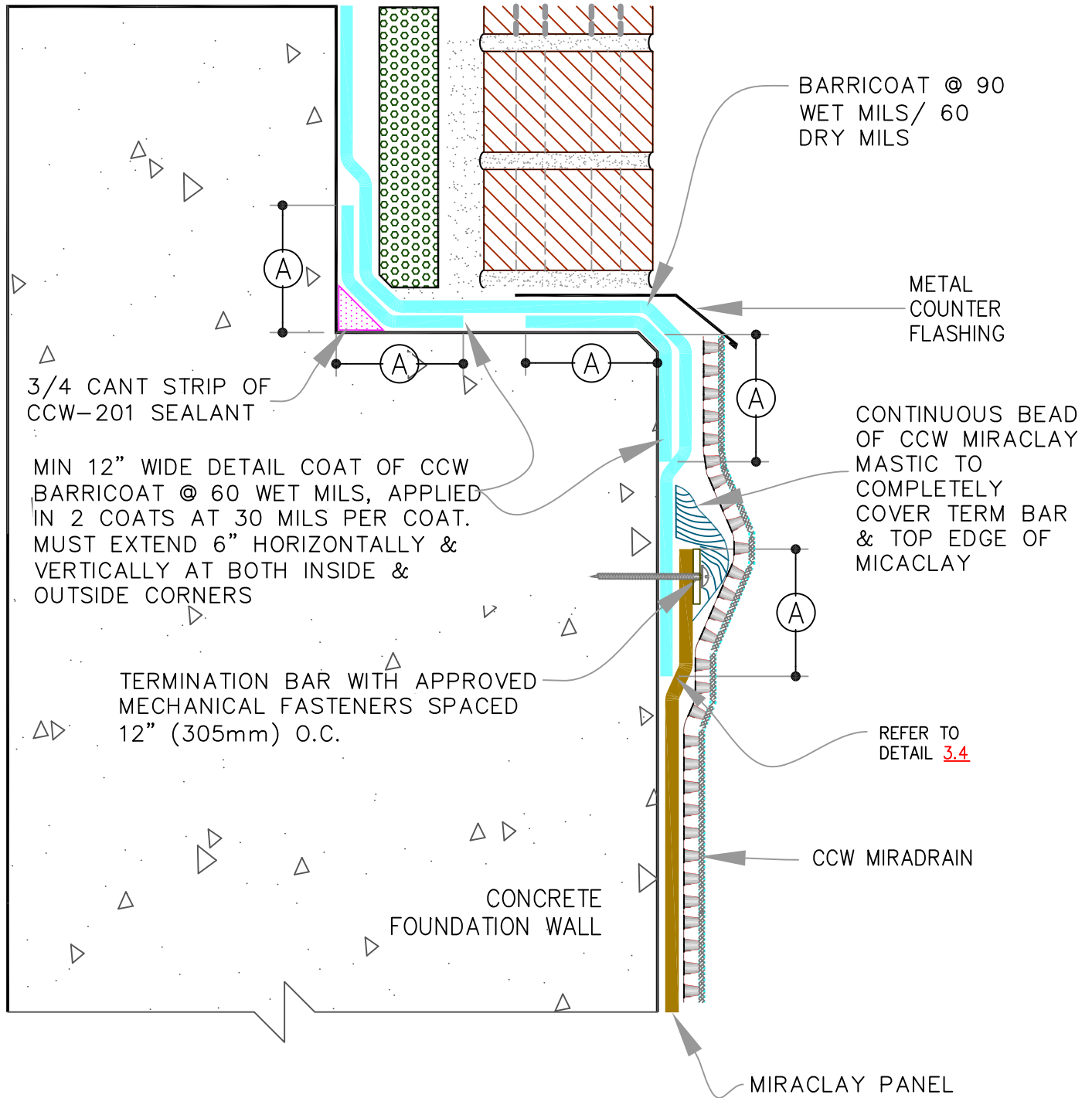
DIMENSIONS		mm	
(A)	6"	153	MIN.

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.2
	REFER TO NOTES	MIRADRI 860/861	MIRACLAY	
	REFER TO SPECS FOR ADDITIONAL INFORMATION			




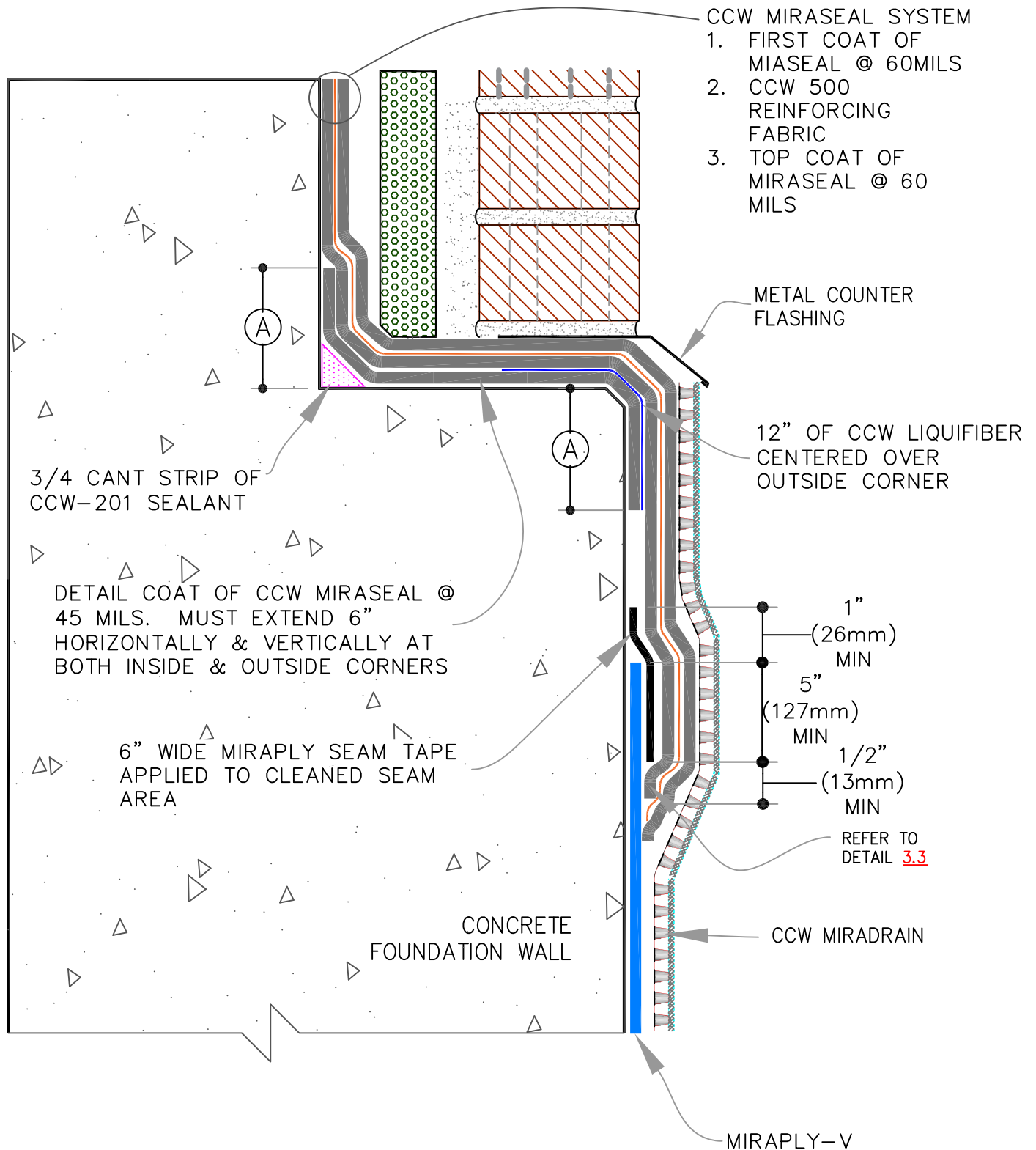
DIMENSIONS		mm	
(A)	6"	153	MIN.

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.3
	REFER TO NOTES	BARRICOAT	MIRAPLY H OR V	
	REFER TO SPECS FOR ADDITIONAL INFORMATION			




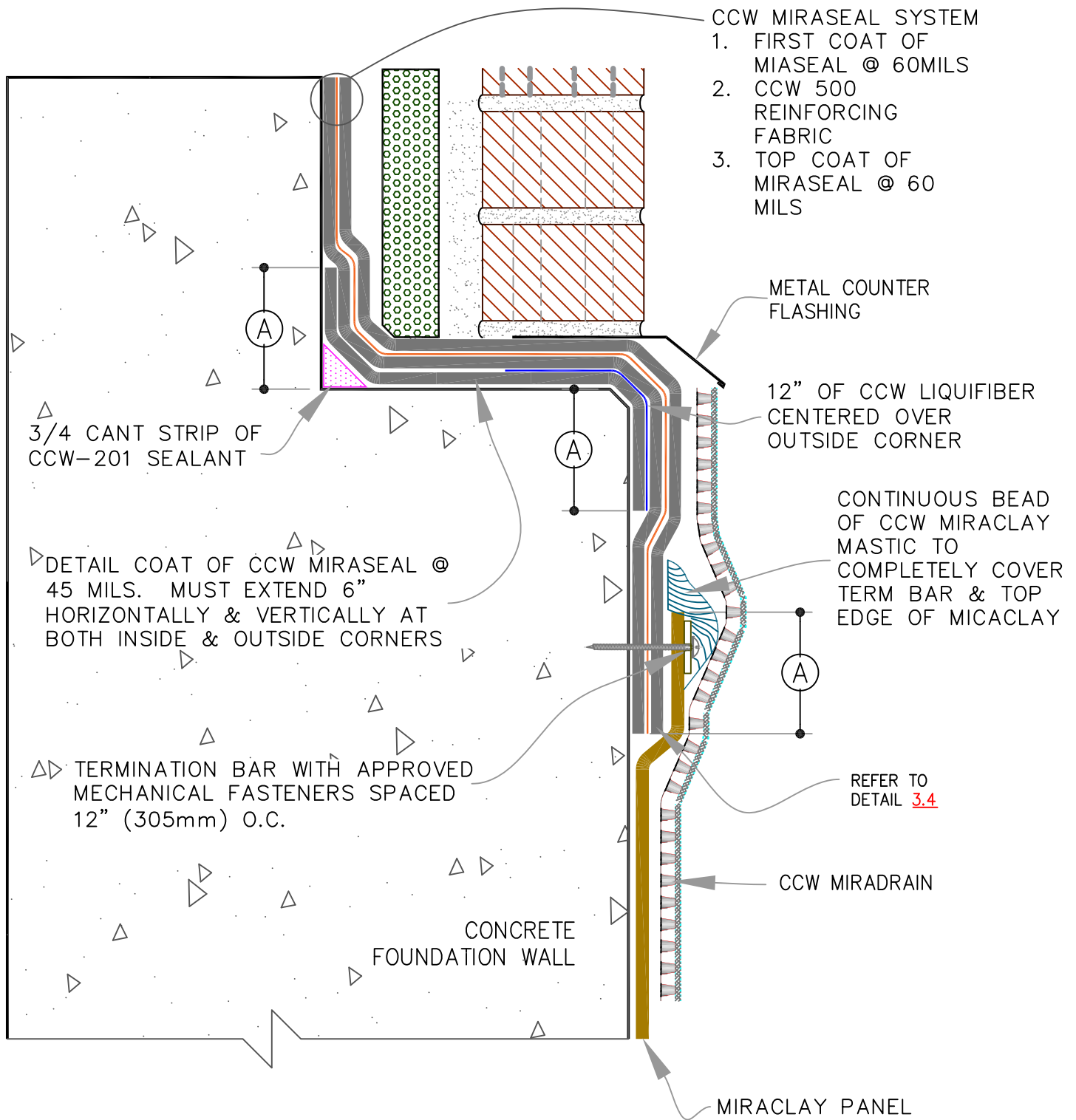
DIMENSIONS		mm	
(A)	6"	153	MIN.

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	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.

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	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.

 NVELOP™ BUILDING ENVELOPE SOLUTIONS	<div>0</div>	BELOW GRADE BARRIERS:	BLIND SIDE BARRIERS:	6.6
	REFER TO NOTES	MIRASEAL	MIRACLAY	
REFER TO SPECS FOR ADDITIONAL INFORMATION				