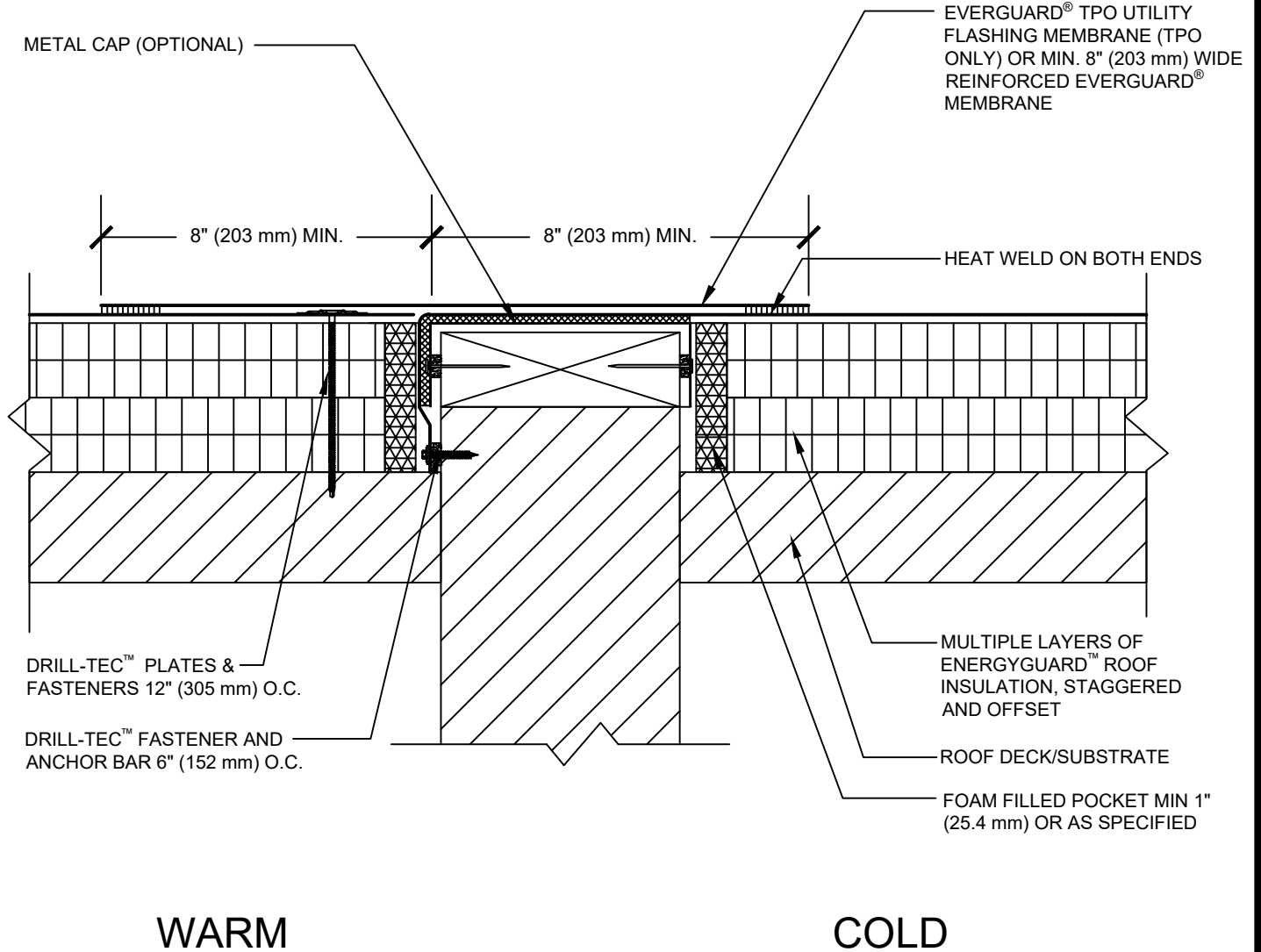




SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL ON EACH SIDE, BOTH SIDES OF WALL.



COLD TO WARM TRANSITION TIE-IN

DRAWING #
130A

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

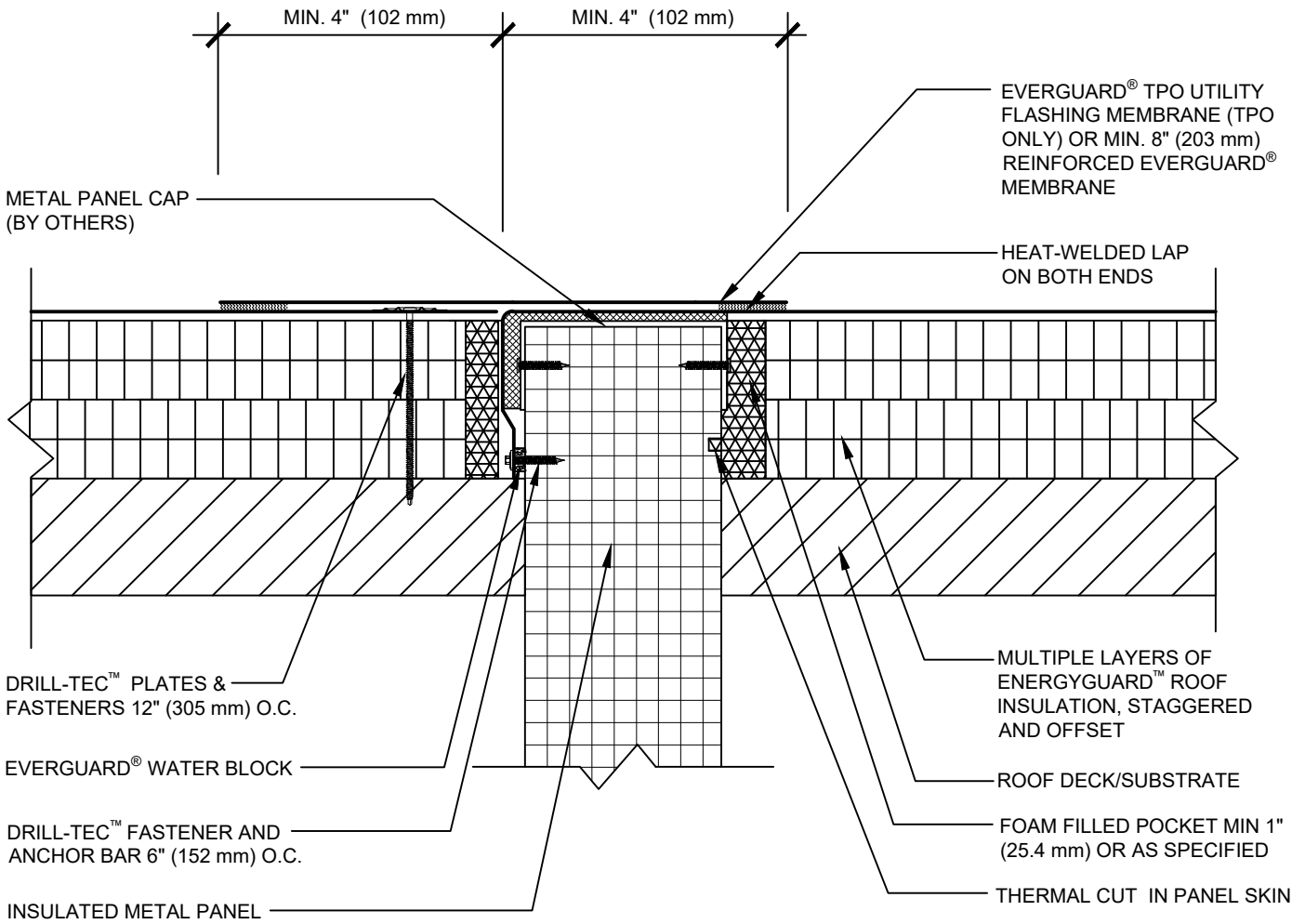
SCALE
N.T.S.

LEGEND

-  EVERGUARD® WATER BLOCK
-  EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



WARM

COLD

NOTE:

1. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL, BOTH SIDES OF WALL.
2. AIR SEAL WALL-TO-ROOF DECK INTERFACE.



COLD TO WARM TRANSITION TIE-IN WITH INSULATED METAL PANEL ABOVE ROOF DECK

DRAWING #
130B

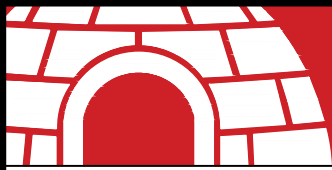
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

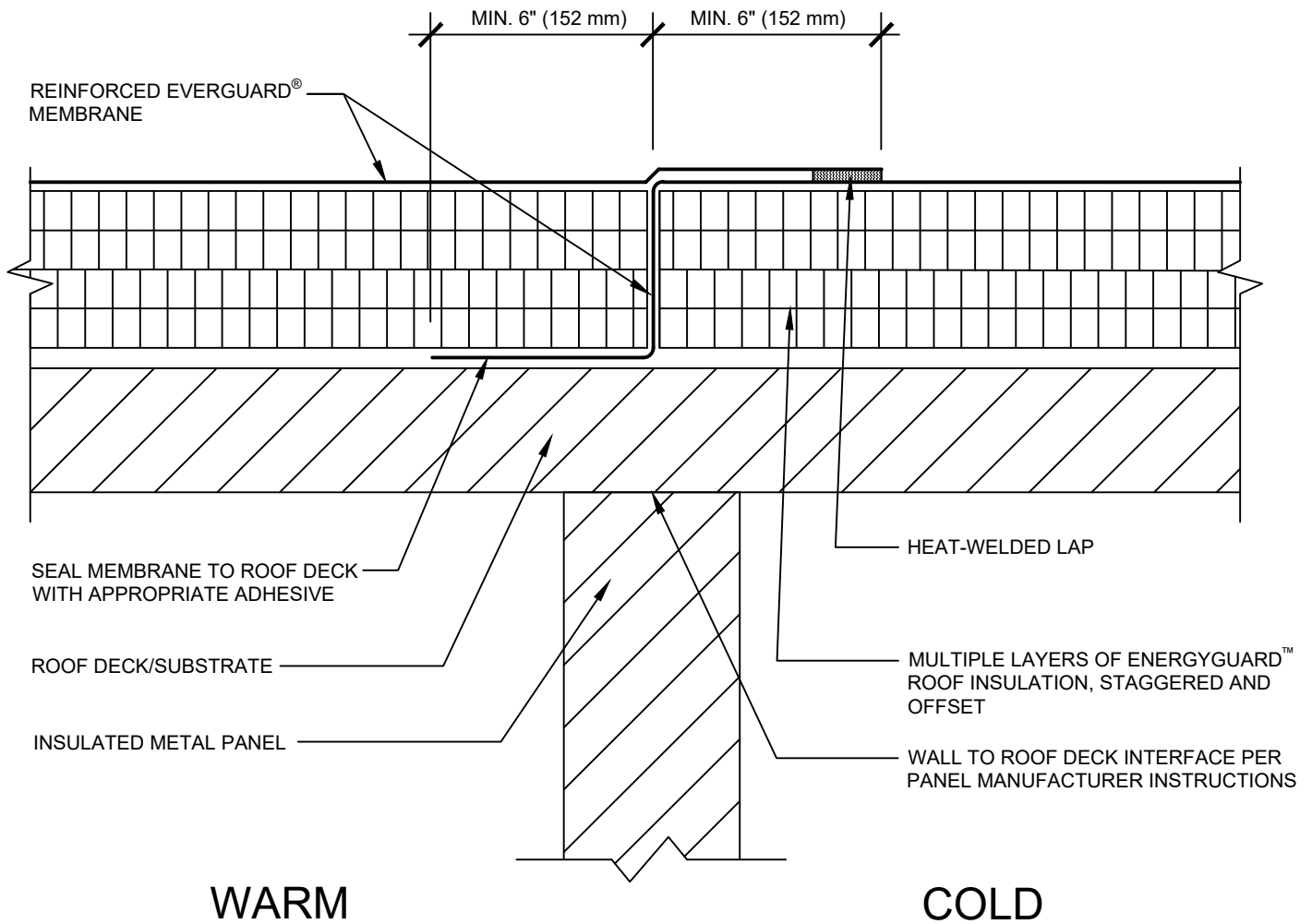
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE
- EVERGUARD® WATER BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL ON EACH SIDE, BOTH SIDES OF WALL.
2. AIR SEAL WALL-TO-ROOF DECK INTERFACE PER ARCHITECTURAL DRAWINGS.



COLD TO WARM TRANSITION TIE-IN WITH WALL BELOW ROOF DECK

DRAWING #
130C

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

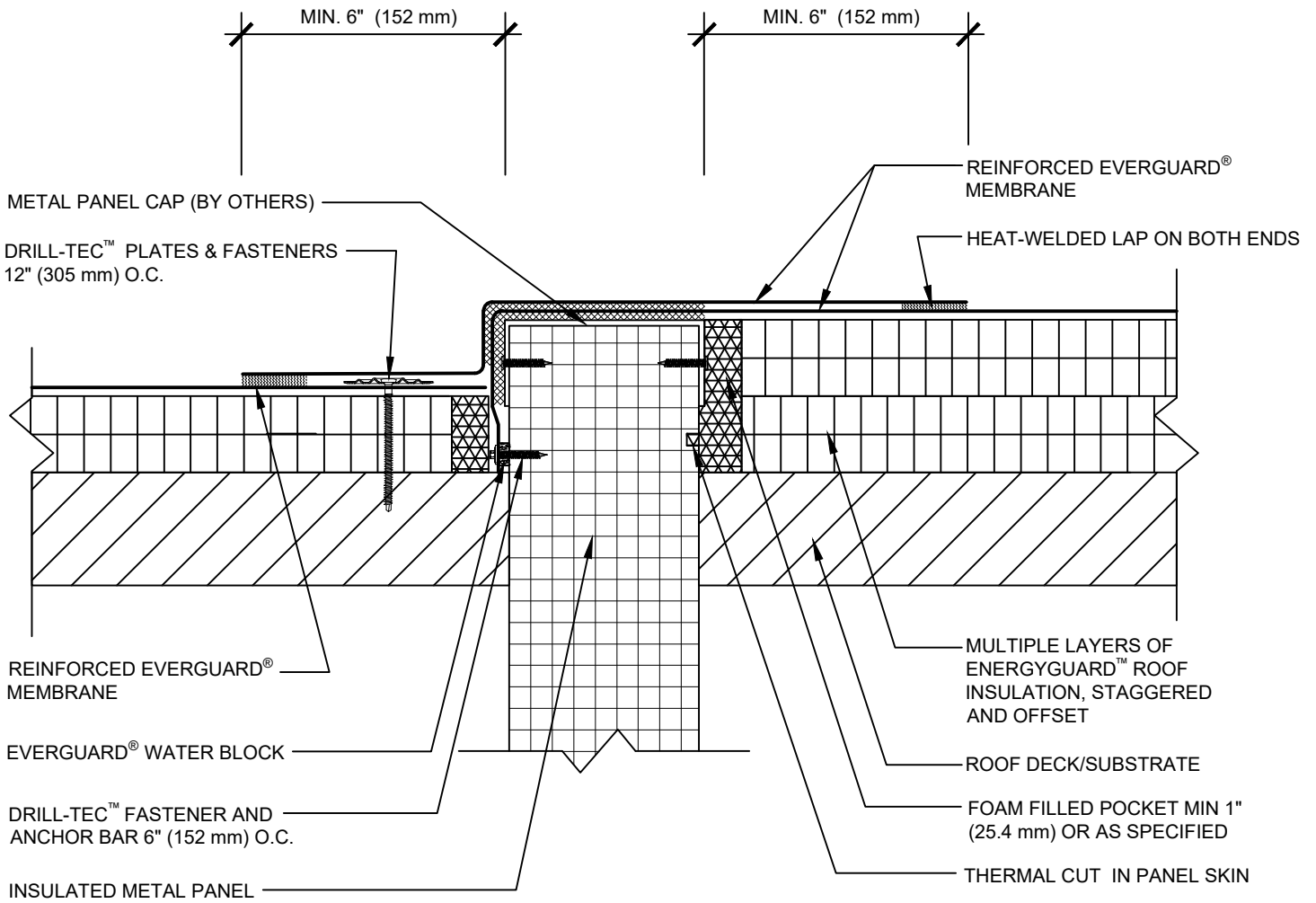
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



WARM

COLD

NOTE:

1. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL, BOTH SIDES OF WALL.
2. AIR SEAL WALL-TO-ROOF DECK INTERFACE.



COLD TO WARM TRANSITION TIE-IN WITH INSULATED METAL PANEL ABOVE ROOF DECK - OFFSET IN ROOF LEVELS DETAIL

DRAWING #
130D

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/15/21

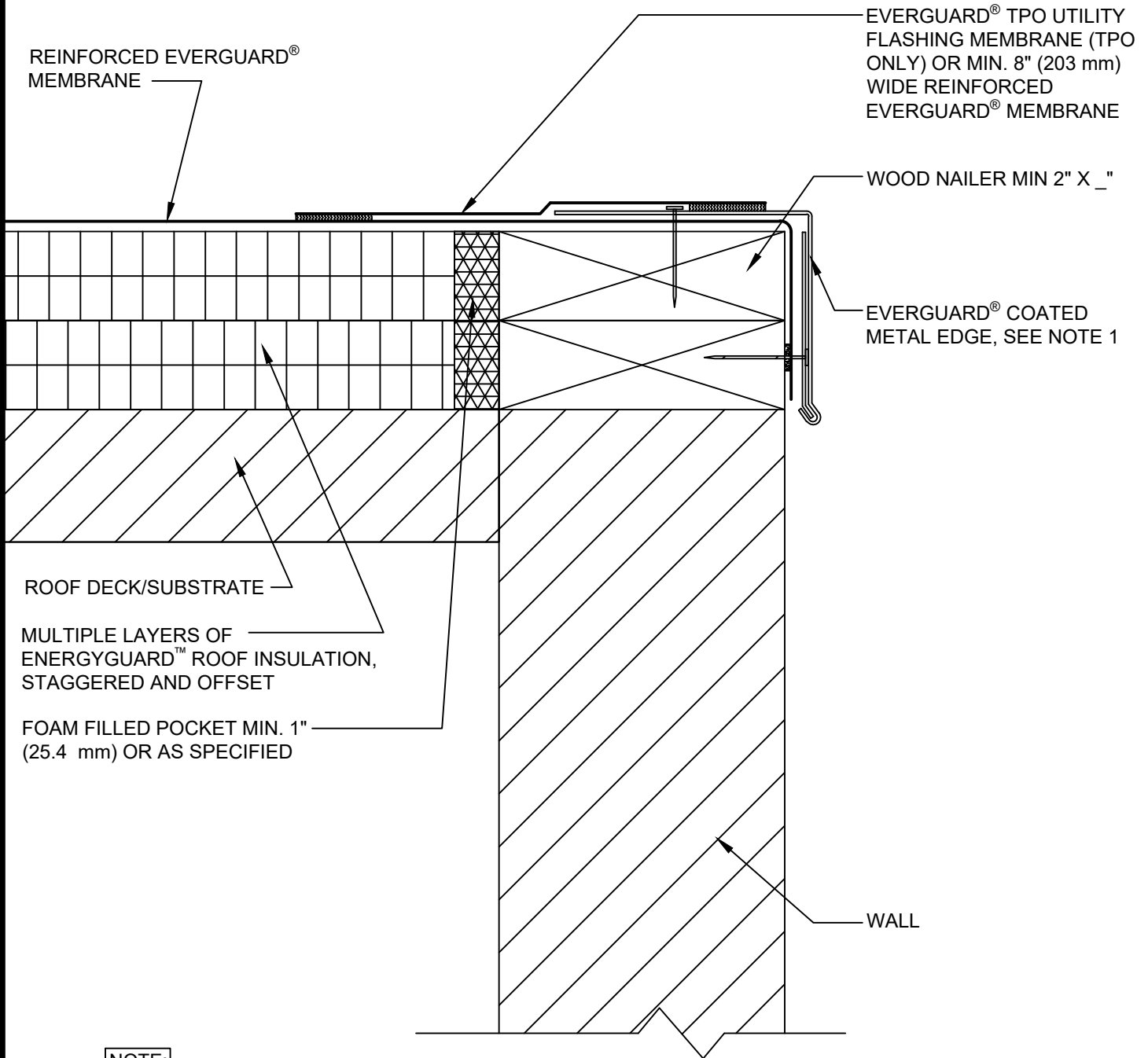
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE
- EVERGUARD® WATER BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. METAL EDGE SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



COATED METAL ROOF EDGE

DRAWING #
201A

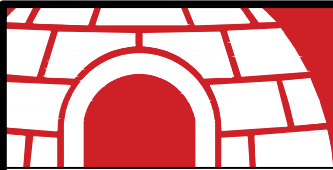
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

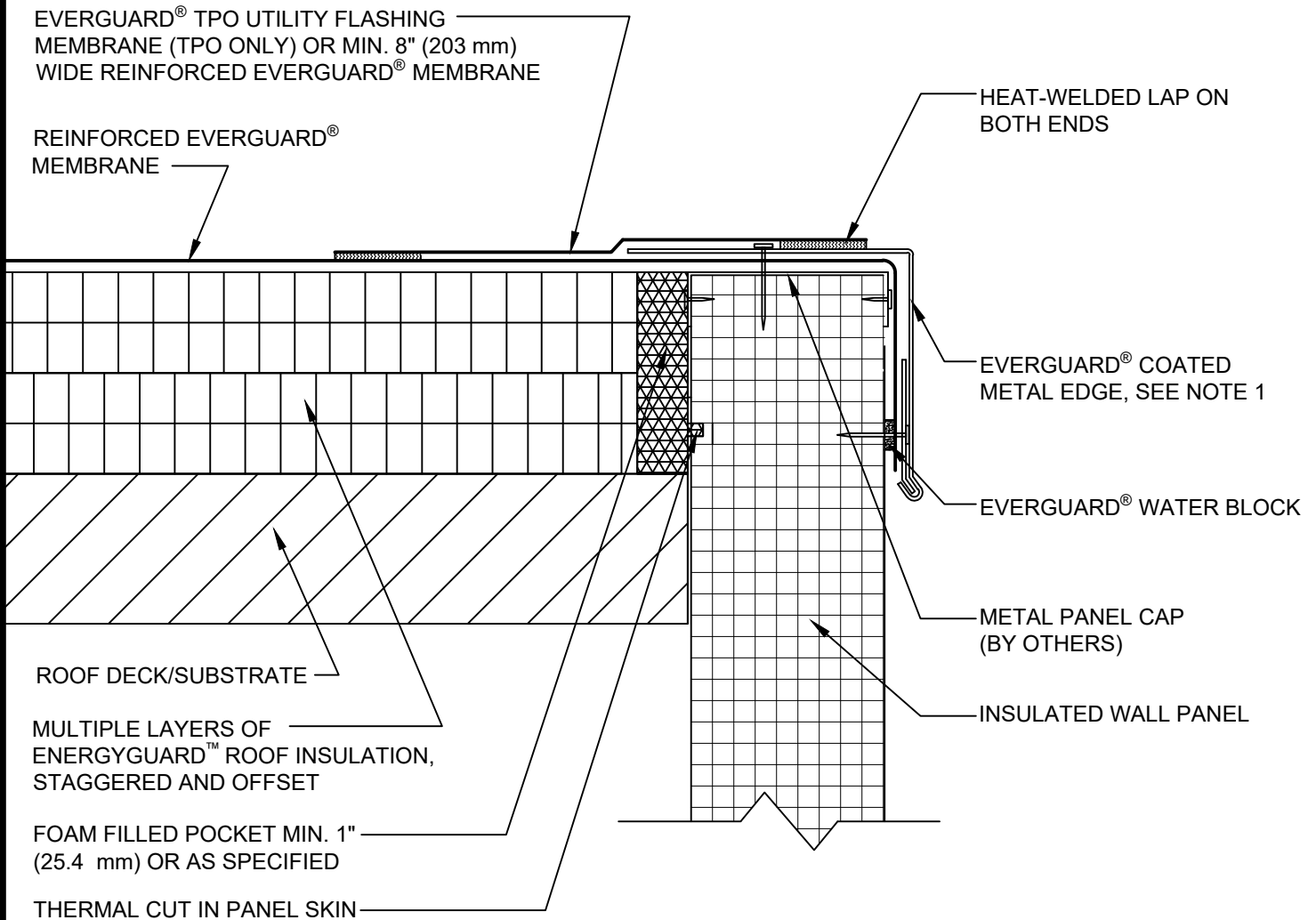
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. PERIMETER EDGE METAL SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
2. THE ATTACHMENT CAPACITY OF THE INSULATED METAL PANELS SHOULD BE VERIFIED.
3. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



COATED METAL ROOF EDGE AT INSULATED WALL PANEL

DRAWING #
201C

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

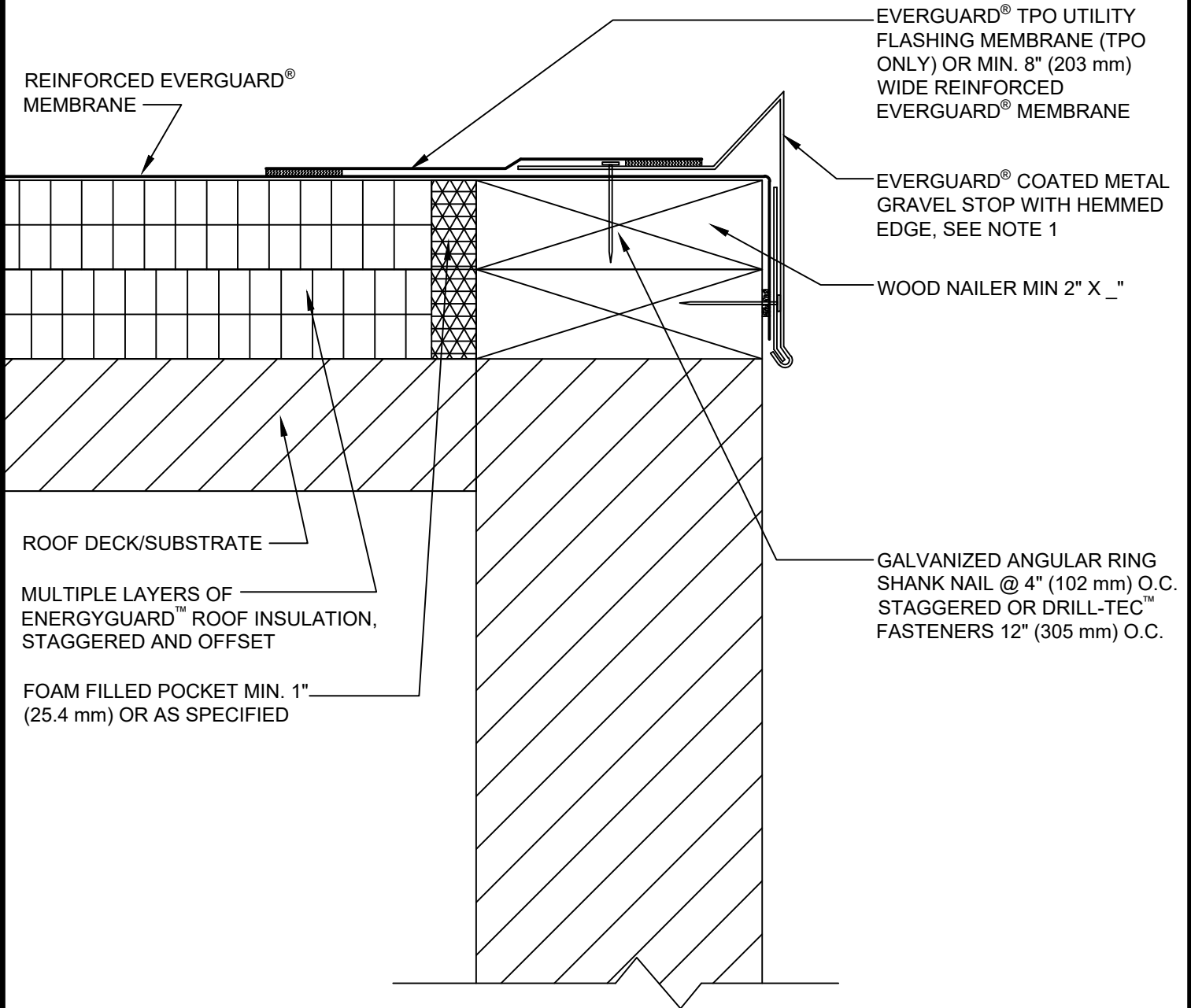
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. METAL GRAVEL STOP SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.
3. AIR SEAL WALL-TO-ROOF DECK INTERFACE.



COATED METAL GRAVEL STOP AT ROOF EDGE

DRAWING #
202B

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

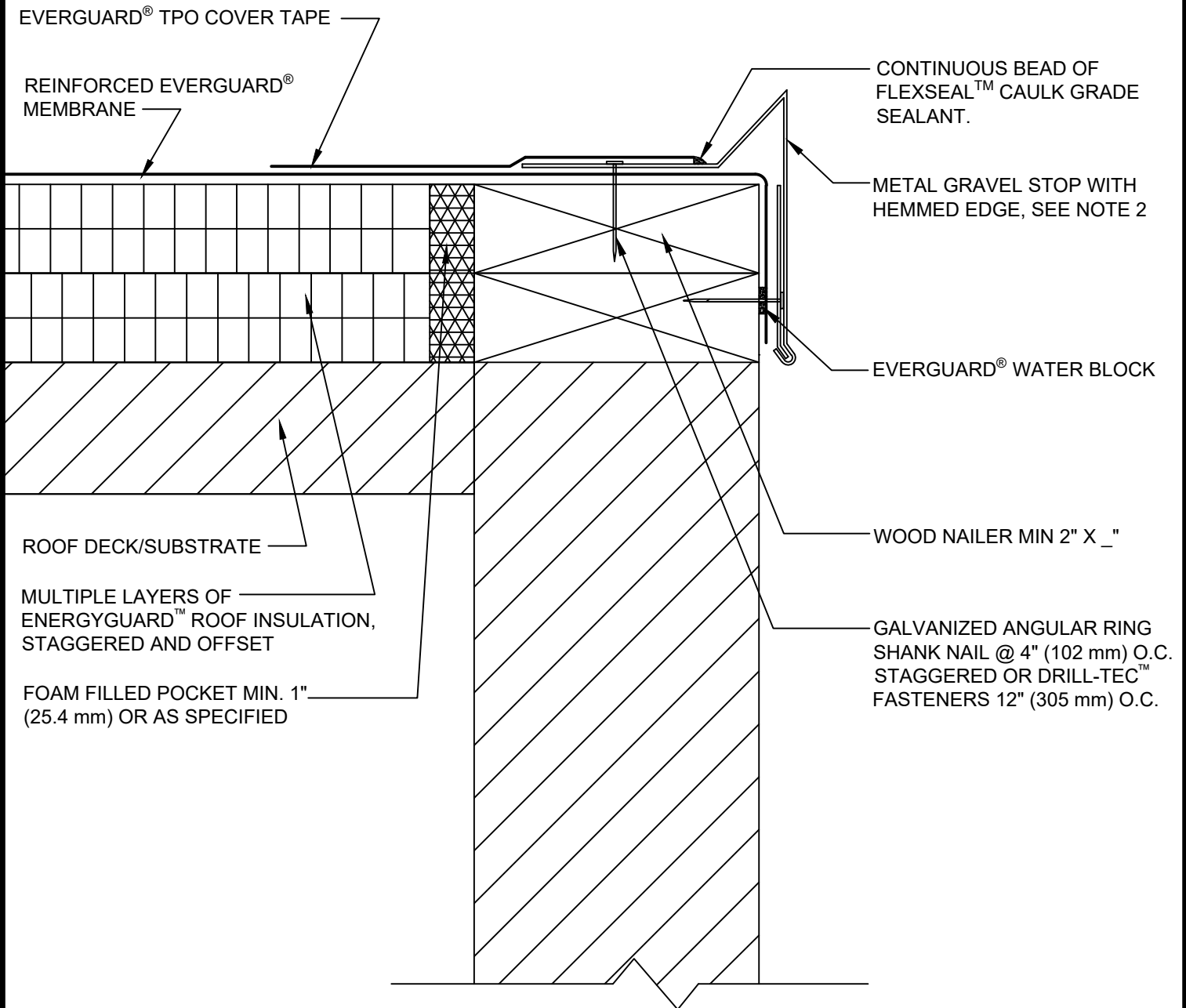
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
2. METAL GRAVEL STOP SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
3. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



METAL GRAVEL STOP WITH HEMMED EDGE

LEGEND

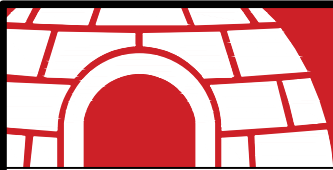
DRAWING #
202C

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

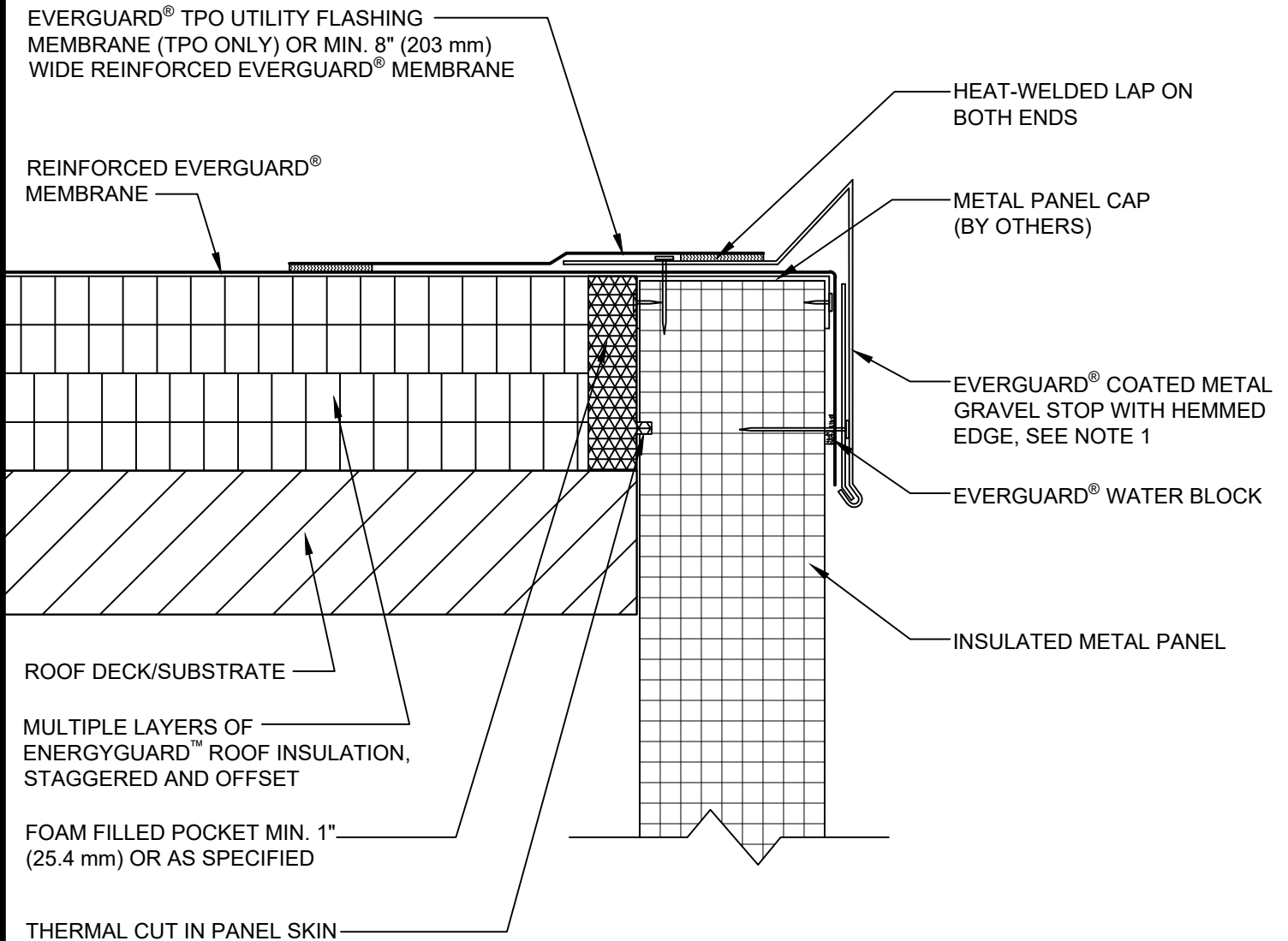
ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.

 EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. PERIMETER EDGE METAL SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
2. THE ATTACHMENT CAPACITY OF THE INSULATED METAL PANELS SHOULD BE VERIFIED.
3. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.

COATED METAL GRAVEL STOP AT ROOF EDGE AT INSULATED METAL PANELS

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK



DRAWING #
202D

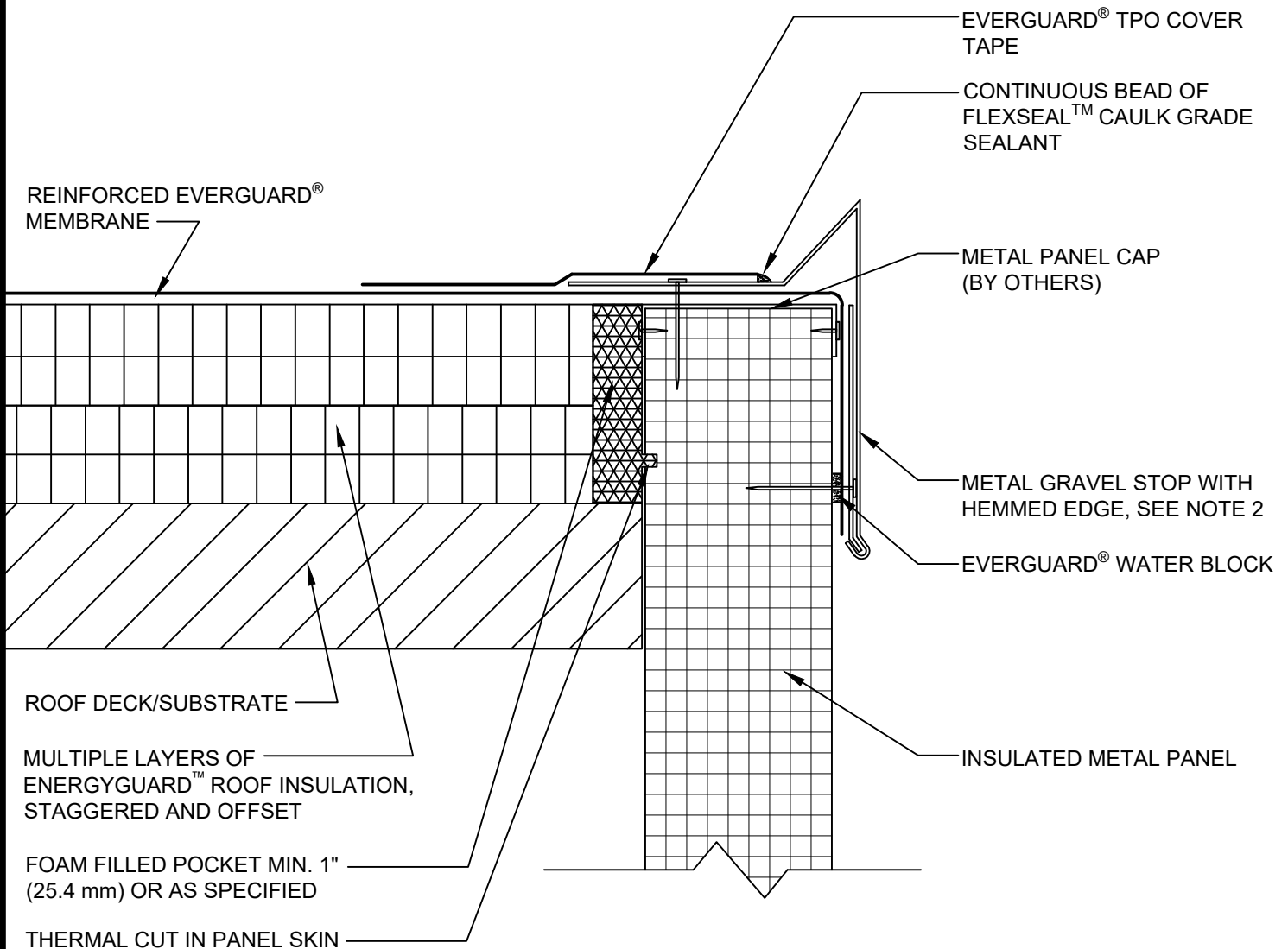
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
2. PERIMETER EDGE METAL SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
3. THE ATTACHMENT CAPACITY OF THE INSULATED METAL PANELS SHOULD BE VERIFIED.
4. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



METAL GRAVEL STOP WITH HEMMED EDGE AT INSULATED METAL PANEL

LEGEND

DRAWING #
202E

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

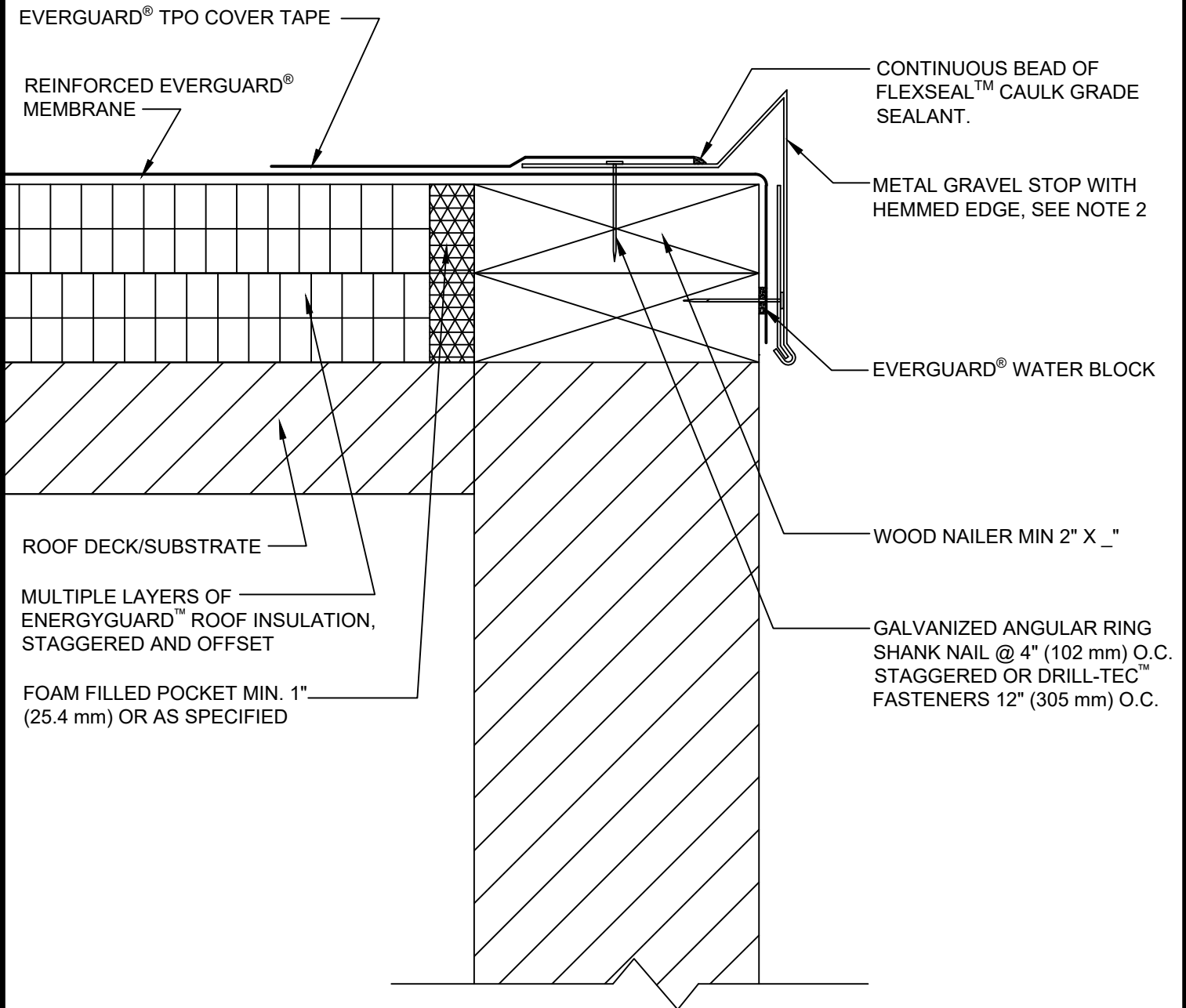
ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.

 EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
2. METAL GRAVEL STOP SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
3. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



METAL GRAVEL STOP WITH HEMMED EDGE

LEGEND

DRAWING #
202C

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

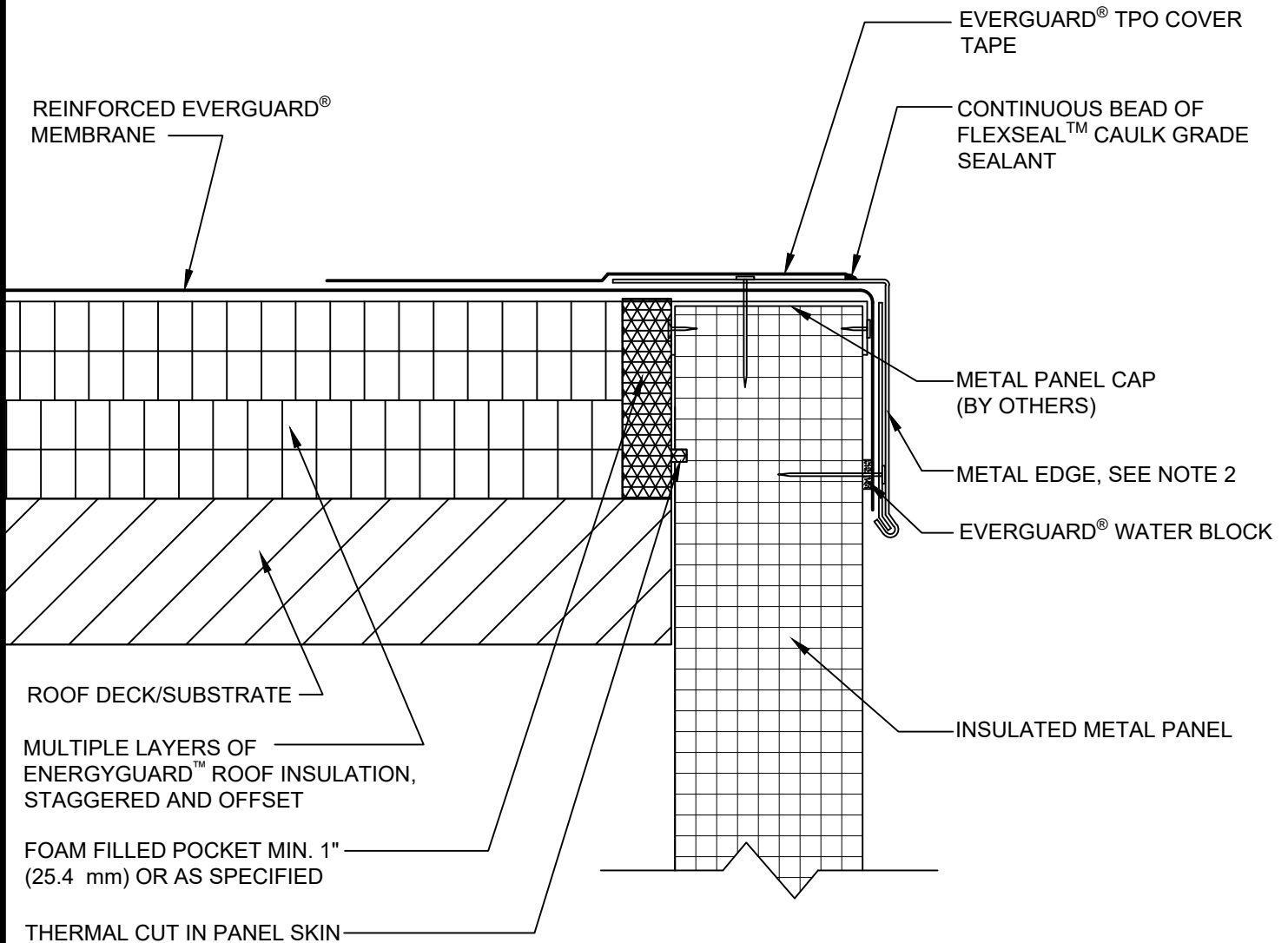
ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.

 EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
2. PERIMETER EDGE METAL SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
3. THE ATTACHMENT CAPACITY OF THE INSULATED METAL PANELS SHOULD BE VERIFIED.
4. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.

METAL ROOF EDGE WITH COVER TAPE DETAIL AT INSULATED METAL PANELS

LEGEND



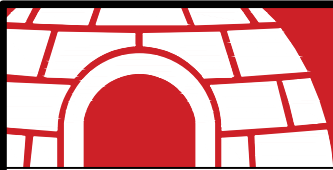
DRAWING #
203D

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

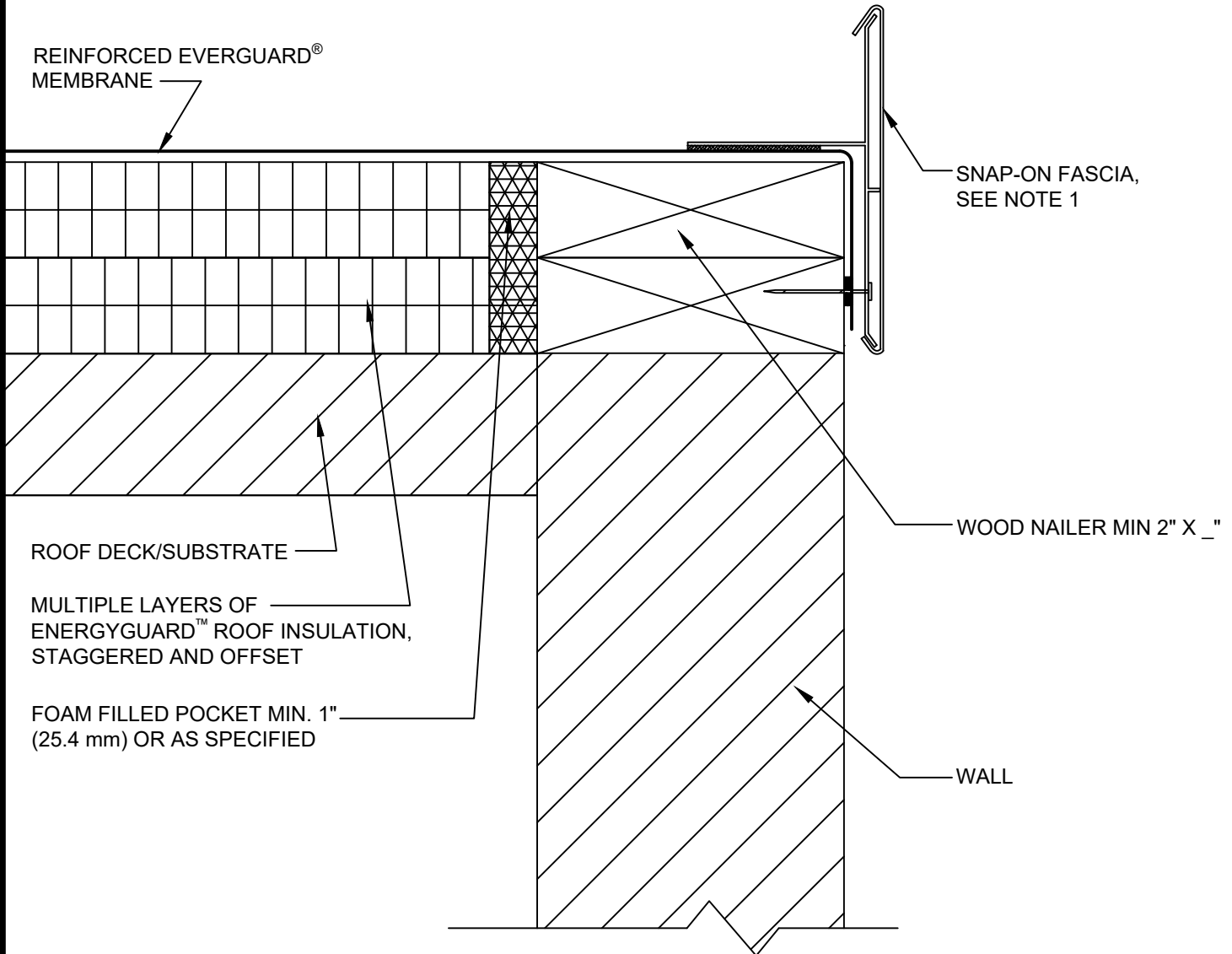
ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.

 EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. SNAP-ON FASCIA SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



SNAP ON FASCIA DETAIL

DRAWING #
205

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.

LEGEND

- FLEXSEAL™ CAULK-GRADE SEALANT
- EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes

EVERGUARD® TPO UTILITY FLASHING MEMBRANE (TPO ONLY) OR MIN. 8" (203 mm) WIDE REINFORCED EVERGUARD® MEMBRANE

REINFORCED EVERGUARD® MEMBRANE

HEAT WELD BOTH SIDES

WOOD NAILER MIN 2" X 1/2"

EVERGUARD® COATED METAL EDGE, SEE NOTE 1

EVERGUARD® WATER BLOCK

ROOF DECK/SUBSTRATE

MULTIPLE LAYERS OF ENERGYGUARD™ ROOF INSULATION, STAGGERED AND OFFSET

FOAM FILLED POCKET MIN. 1" (25.4 mm) OR AS SPECIFIED

SHEET METAL GUTTER

WALL

NOTE:

1. METAL EDGE SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



GUTTER WITH COATED METAL ROOF EDGE

LEGEND

DRAWING #

211B

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE

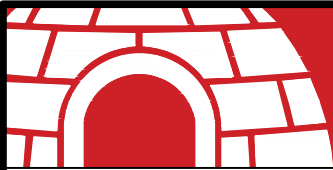
3/1/21

SCALE

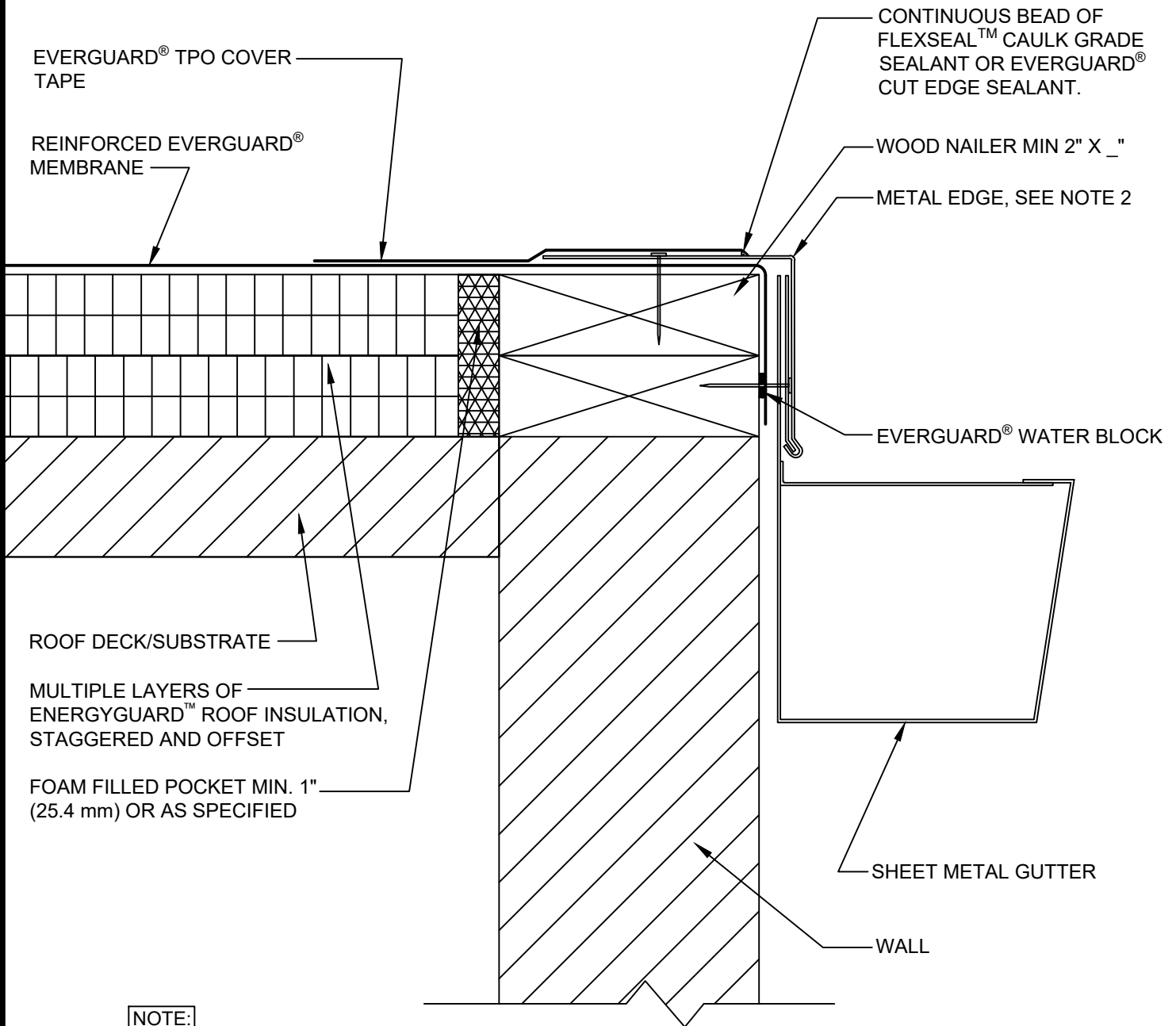
N.T.S.

 HEAT-WELDED

 FLEXSEAL™ CAULK-GRADE SEALANT



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
2. PERIMETER EDGE METAL SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1.
3. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



GUTTER WITH METAL ROOF EDGE AND COVER TAPE

LEGEND

DRAWING #
211C

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

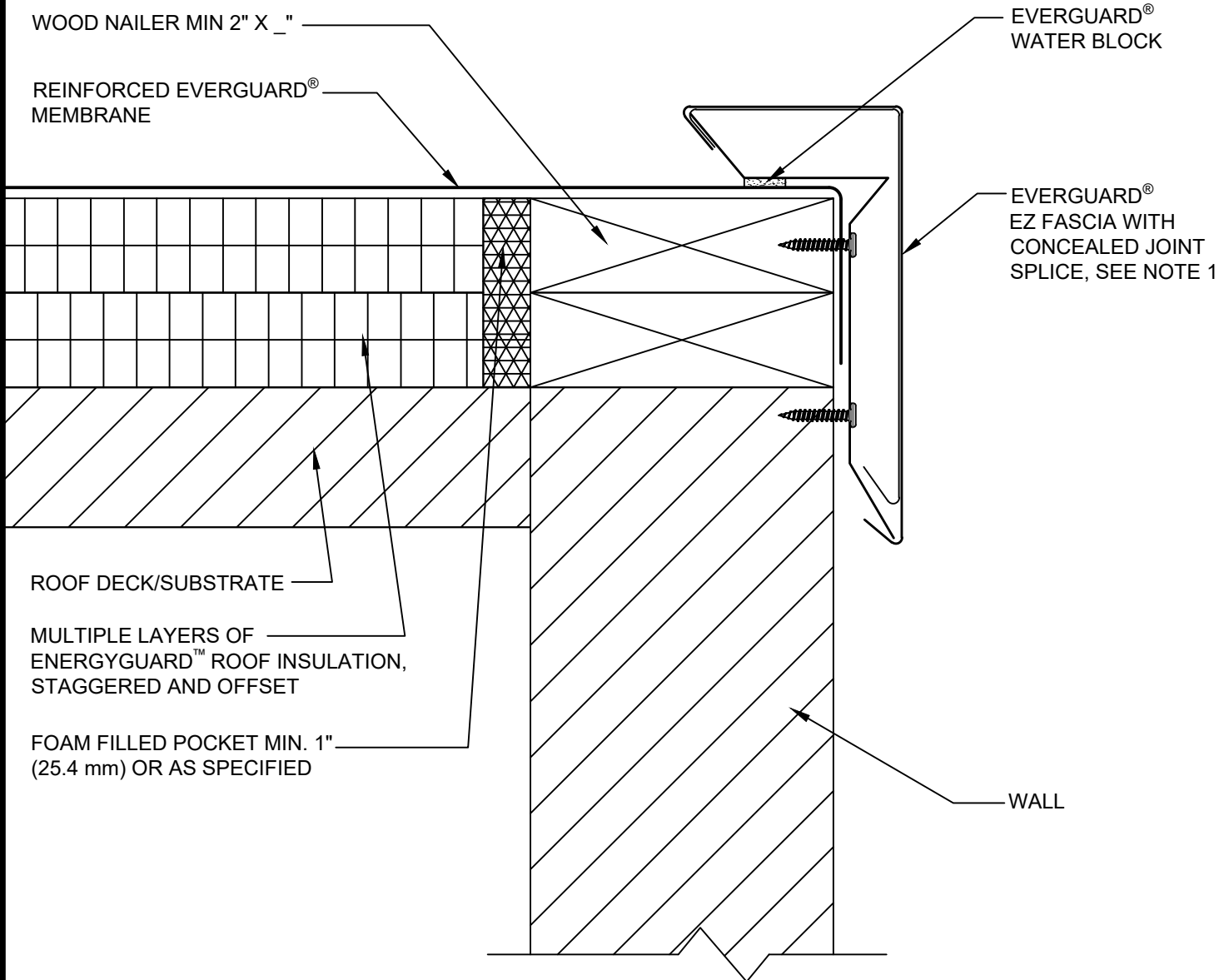
ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.

FLEXSEAL™ CAULK-GRADE SEALANT



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. EZ FASCIA SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN ANSI/SPRI ES-1.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



EZ FASCIA DETAIL

DRAWING #
232E

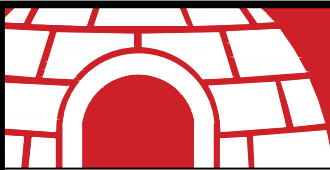
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
4/1/21

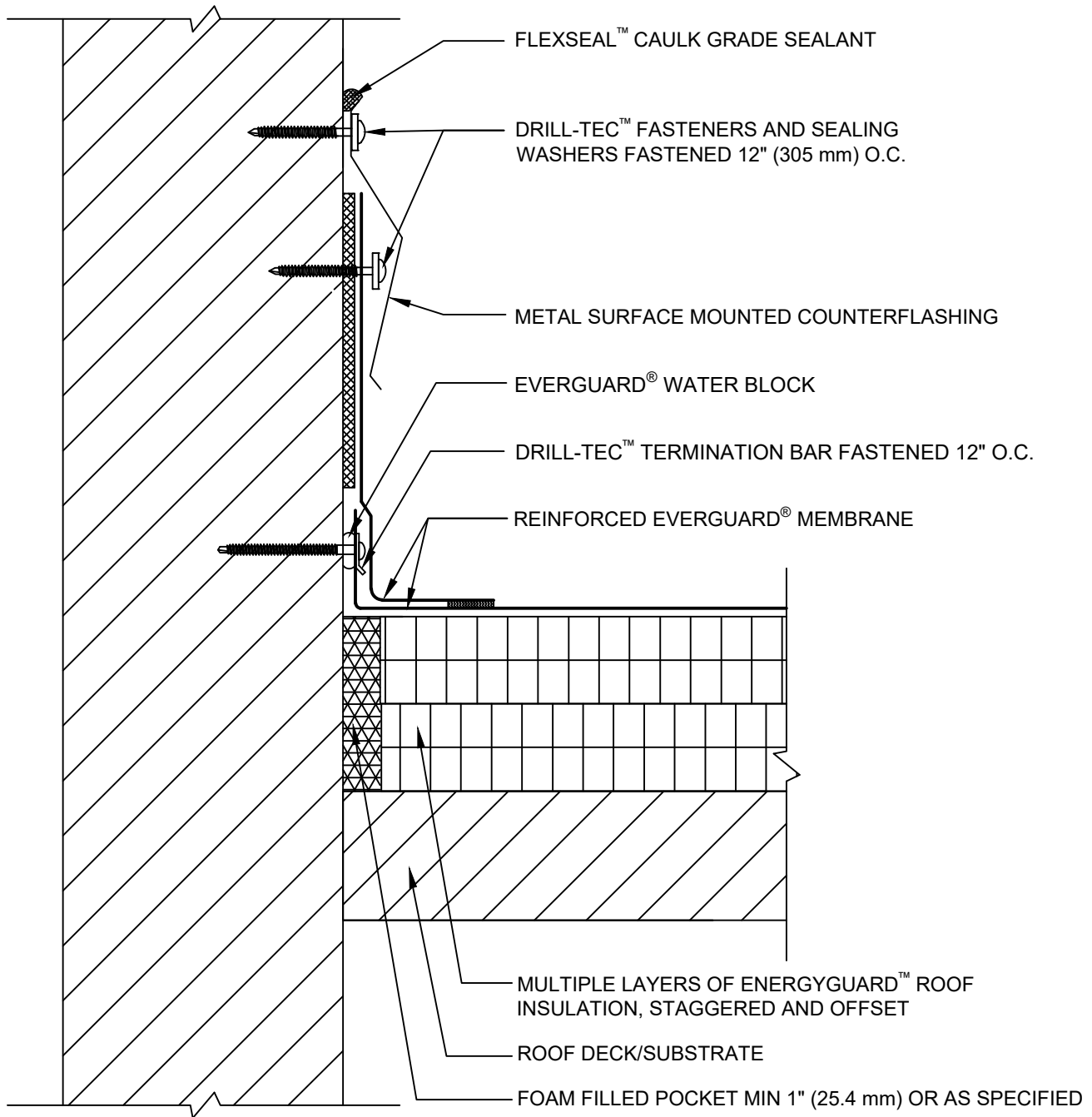
SCALE
N.T.S.

LEGEND

- FLEXSEAL™ CAULK-GRADE SEALANT
- EVERGUARD® WATER-BLOCK



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. EXPOSED WALLS/CURBS MUST BE WATERPROOFED AND MAINTAINED ABOVE THE BASE FLASHING IN ORDER FOR ANY SURFACE-MOUNTED TERMINATION TO BE EFFECTIVE.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



WALL FLASHING WITH COUNTERFLASHING

DRAWING #
301B

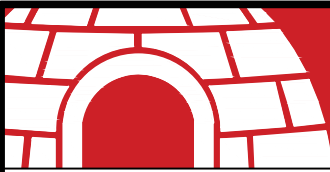
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

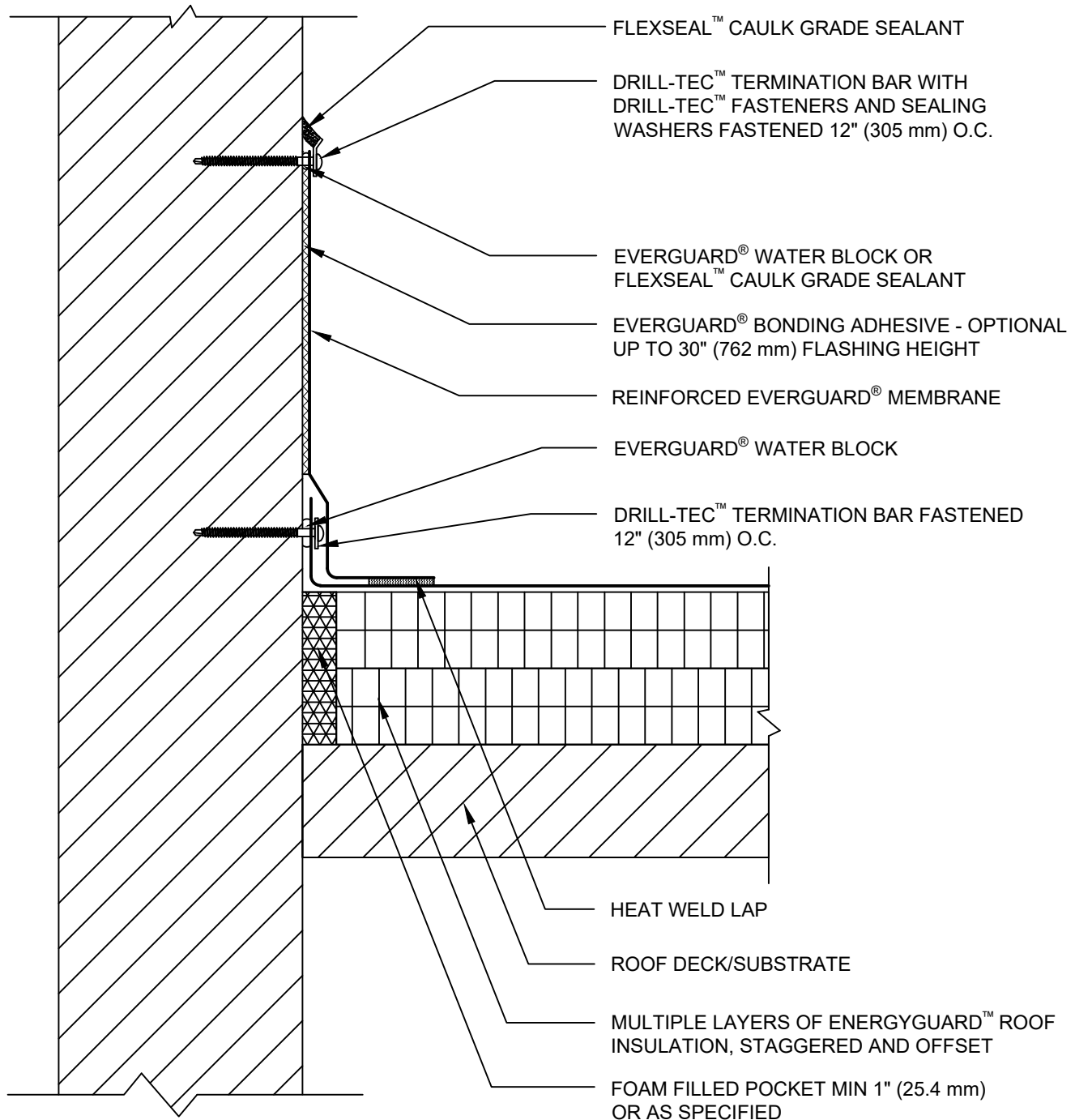
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE
-OPTIONAL UP TO 30" (762 mm) FLASHING HEIGHT



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. EXPOSED WALLS/CURBS MUST BE WATERPROOFED AND MAINTAINED ABOVE THE BASE FLASHING IN ORDER FOR ANY SURFACE-MOUNTED TERMINATION TO BE EFFECTIVE.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



WALL/CURB FLASHING WITH TERMINATION BAR DETAIL

DRAWING #
302B

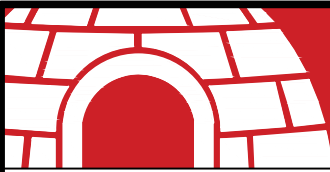
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO-BOND® SYSTEMS

ISSUE / REVISION DATE
3/17/21

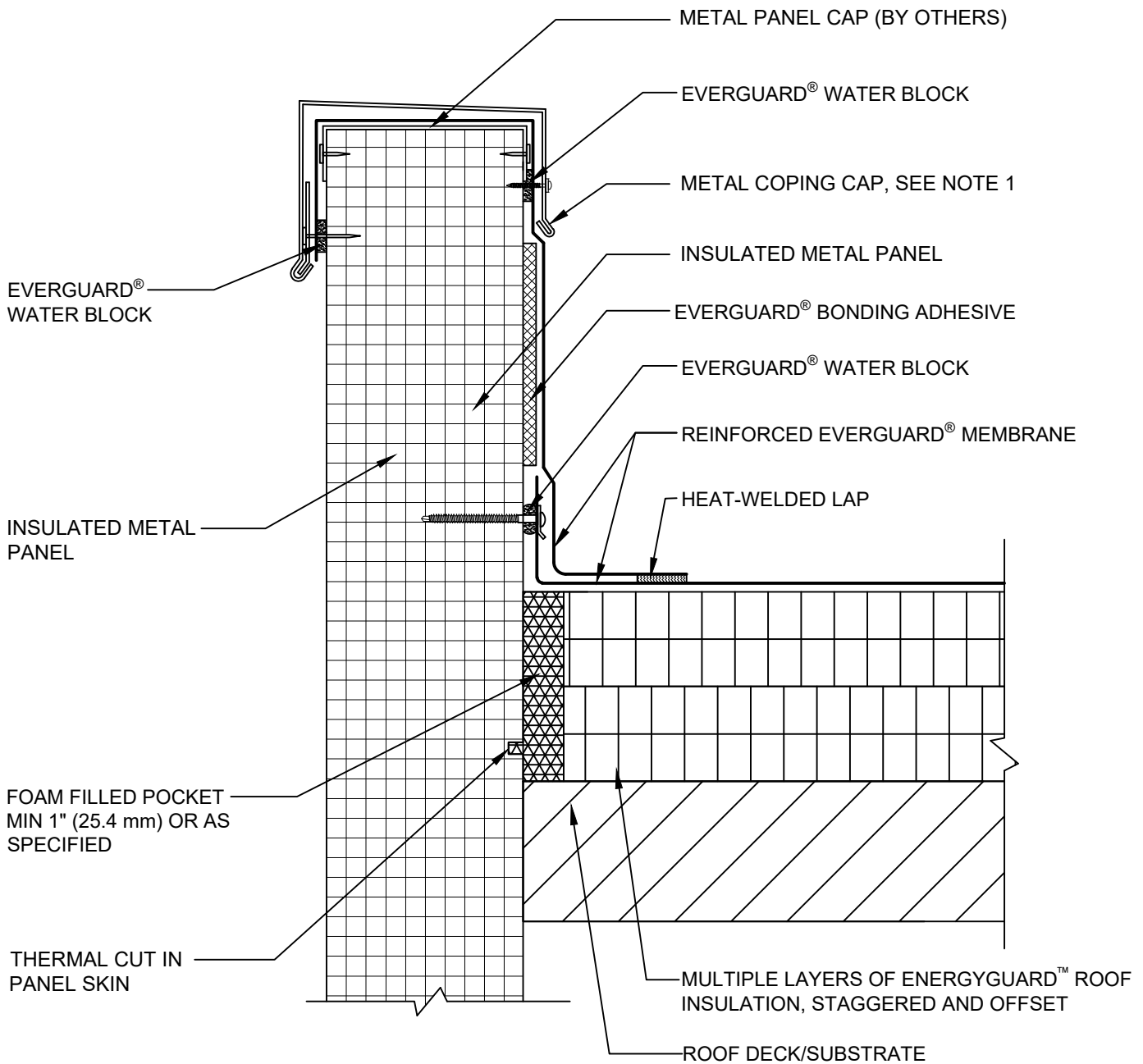
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. METAL COPING CAP SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANS/SPRI ES-1.
2. THE ATTACHMENT CAPACITY OF THE INSULATED METAL PANELS SHOULD BE VERIFIED.
3. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL



INSULATED METAL PANEL WALL WITH COPING CAP

DRAWING #
303B

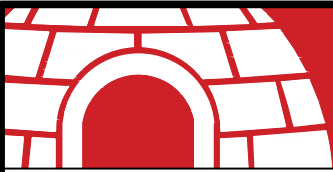
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

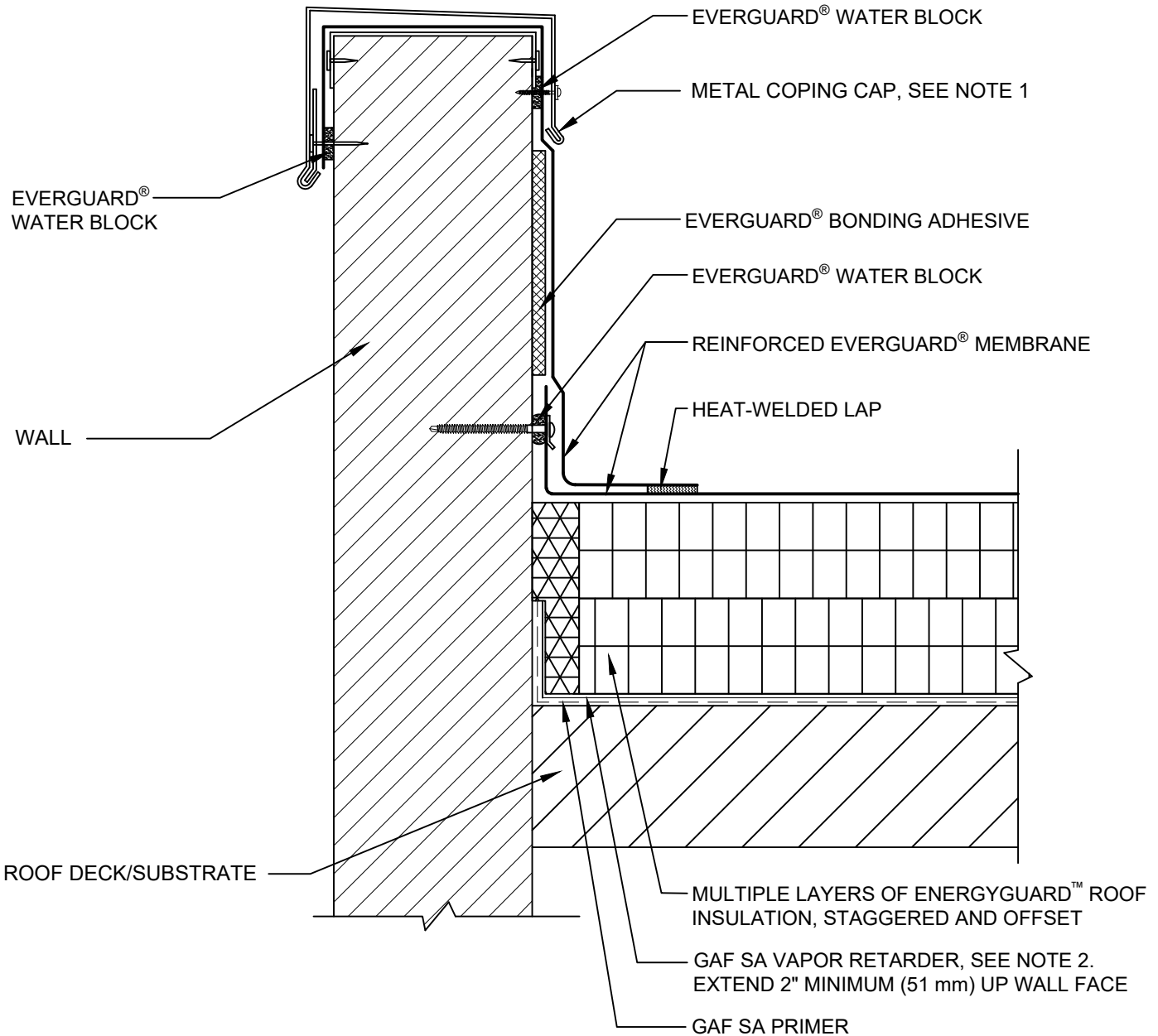
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. METAL COPING CAP SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN ANSI/SPRI ES-1.
2. A VAPOR RETARDER AT THE DECK LEVEL MAY BE USED IF THERE ARE CONCERNS WITH POTENTIAL MOISTURE ISSUES DUE TO CERTAIN CONSTRUCTION PROCESSES OR OTHER SOURCES DURING BUILDING USE.
3. REFER TO GAF SA PRIMER INSTALLATION INSTRUCTIONS FOR GENERAL GUIDELINES.
4. A MINIMUM 1/2 INCH THICK GLASS-MAT-FACED OR FIBER-REINFORCED GYPSUM BOARD IS REQUIRED OVER STEEL DECKS.
5. MAINTAIN SEPARATION BETWEEN VAPOR RETARDER AND MEMBRANE/ ADHESIVE TO AVOID POTENTIAL INCOMPATIBILITY ISSUES.
6. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL, BOTH SIDES OF WALL.
7. AIR SEAL WALL-TO-ROOF DECK INTERFACE.



INSULATED METAL PANEL WALL WITH COPING CAP AND SA VAPOR RETARDER

DRAWING #
303C

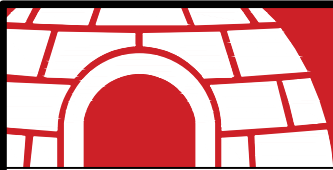
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
4/6/21

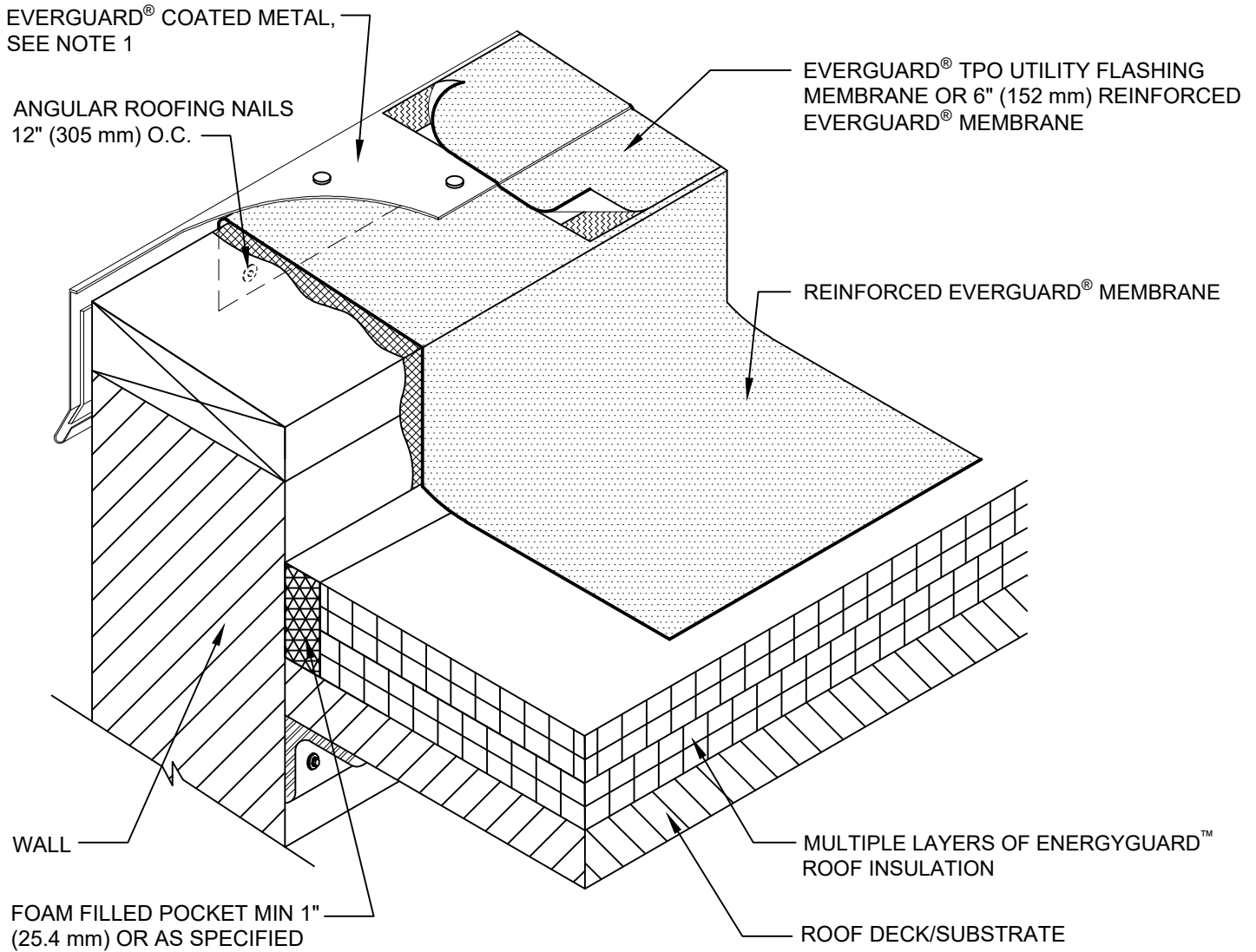
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. COATED METAL EDGE SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN ANSI/SPRI ES-1.
2. STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



WALL FLASHING WITH COATED METAL EDGE DETAIL

DRAWING #
304B

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/22/21

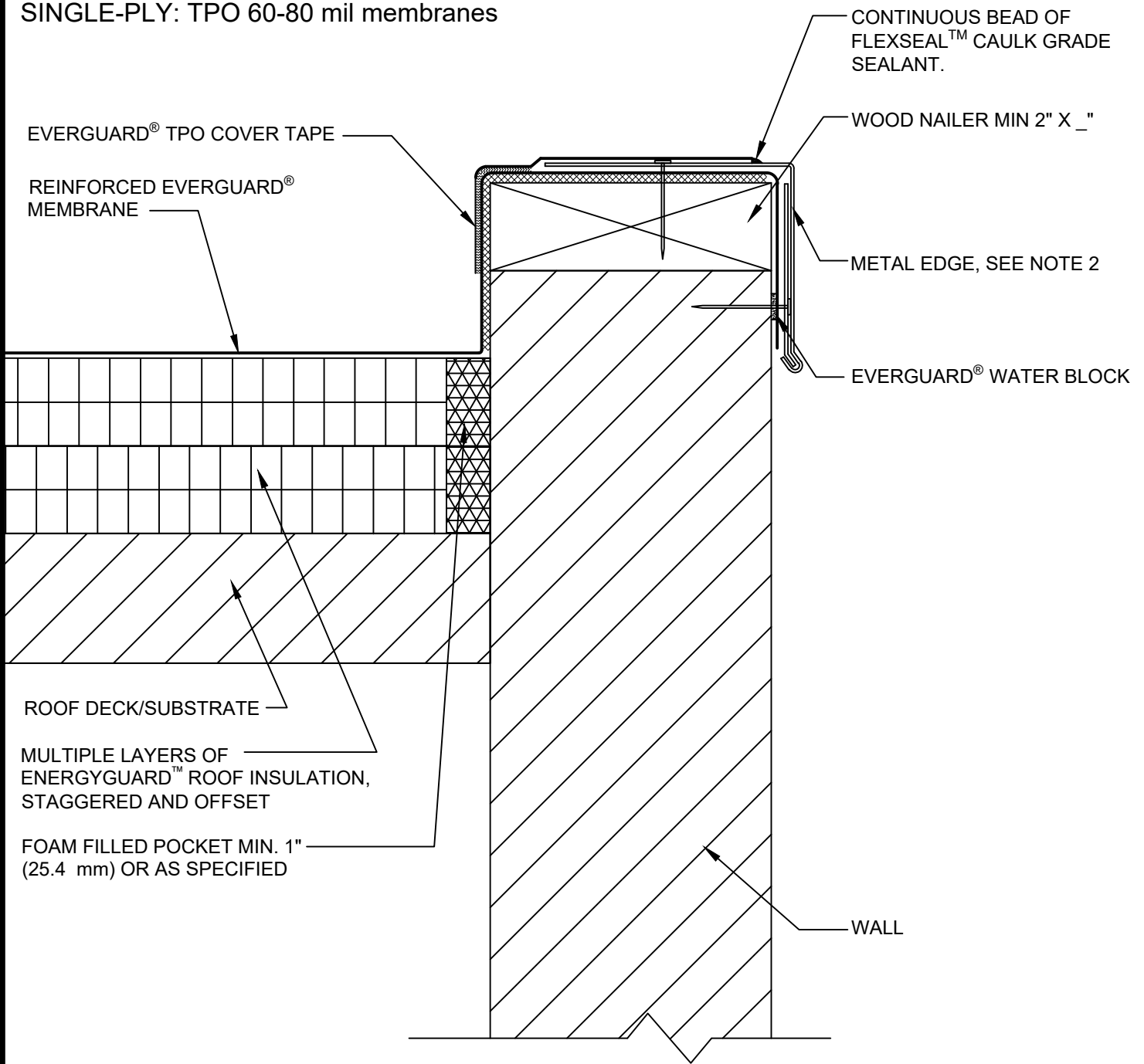
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO 60-80 mil membranes



NOTE:

1. CLEAN METAL AND MEMBRANE WITH EVERGUARD® TPO SEAM CLEANER AND ALLOW TO DRY. ONCE DRY, PRIME METAL AND MEMBRANE WITH EVERGUARD® TPO PRIMER BEFORE INSTALLING EVERGUARD® TPO COVER TAPE.
2. METAL EDGE SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN ANSI/SPRI ES-1.
3. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



**WALL FLASHING WITH METAL EDGE WITH COVER TAPE
DETAIL**

DRAWING #
304C

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/22/21

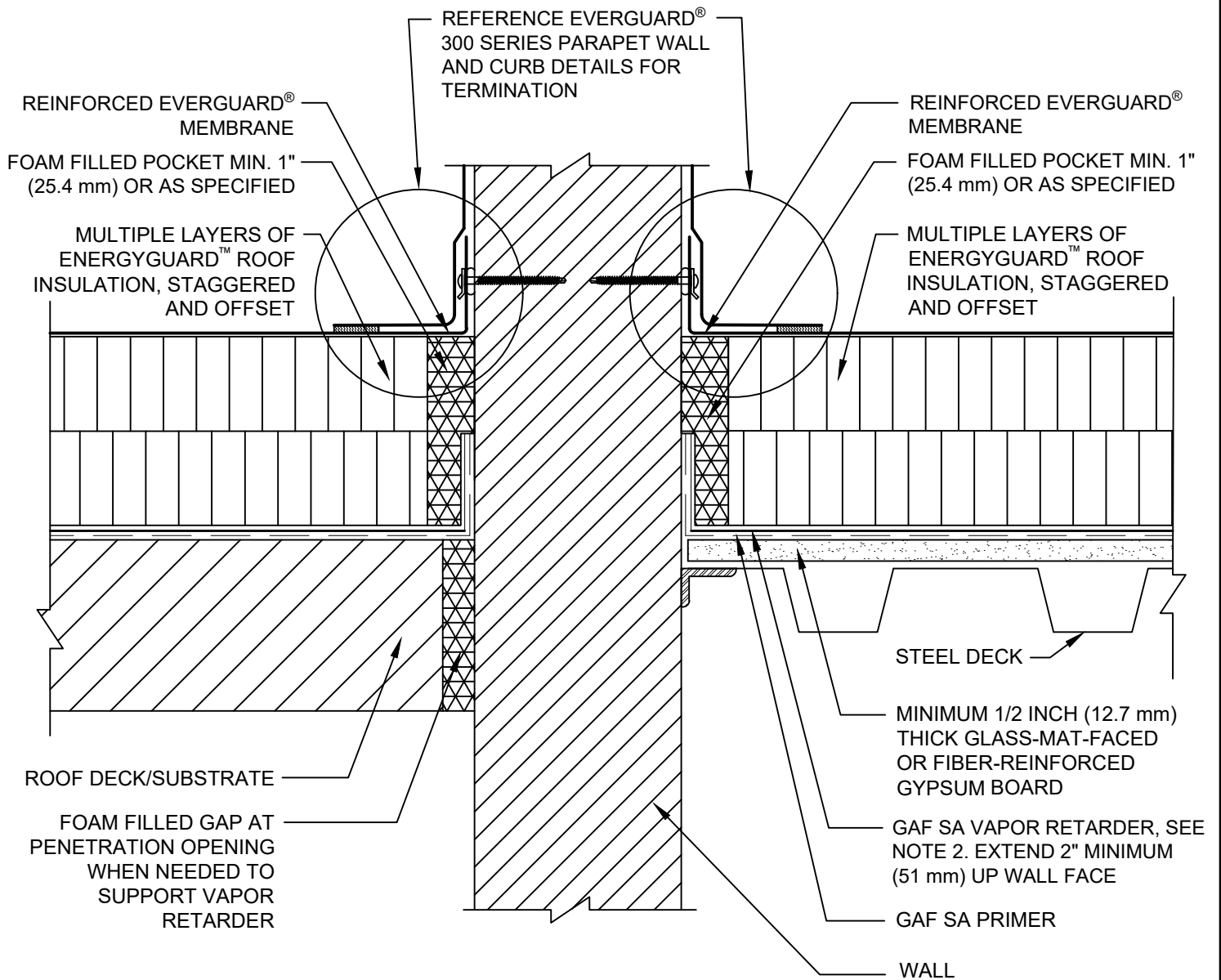
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE
- EVERGUARD® WATER BLOCK






SINGLE-PLY: TPO & PVC 60-80 mil membranes



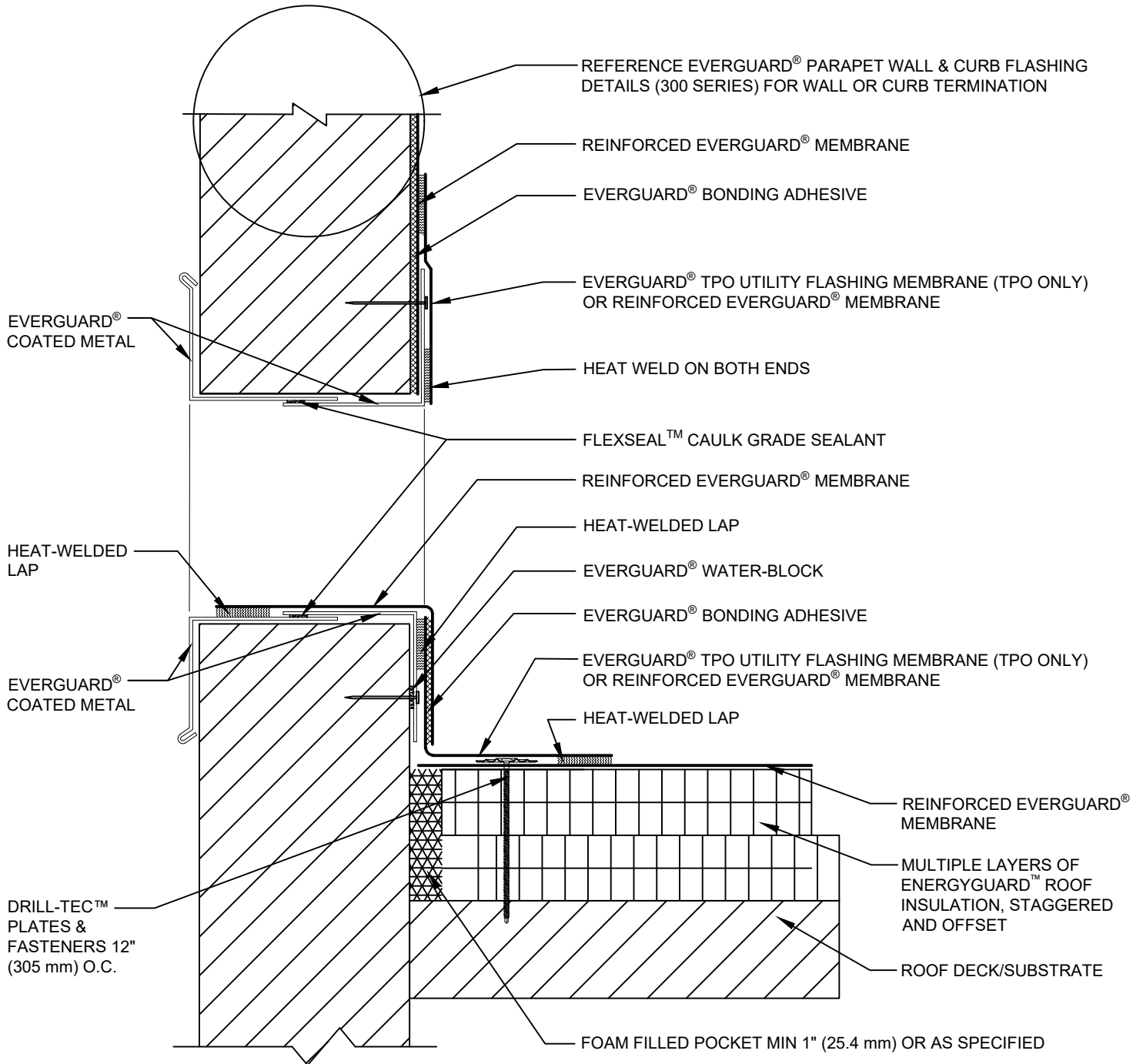
NOTE:

1. USE DETAIL IN CONJUNCTION WITH THE STANDARD TERMINATION DETAIL FOR APPROVED ROOF SYSTEM.
2. A VAPOR RETARDER AT THE DECK LEVEL MAY BE USED IF THERE ARE CONCERNS WITH POTENTIAL MOISTURE ISSUES DUE TO CERTAIN CONSTRUCTION PROCESSES OR OTHER SOURCES DURING BUILDING USE.
3. REFER TO GAF SA PRIMER INSTALLATION INSTRUCTIONS FOR GENERAL GUIDELINES.
4. MAINTAIN SEPARATION BETWEEN VAPOR RETARDER AND MEMBRANE/ ADHESIVE TO AVOID POTENTIAL INCOMPATIBILITY ISSUES.
5. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.
6. AIR SEAL WALL-TO-ROOF DECK INTERFACE.

GAF	BASE WALL TERMINATION WITH SA VAPOR RETARDER DETAIL AT WALL			LEGEND	
	DRAWING # 309	THIS DETAIL APPLIES TO: ADHERED SYSTEMS MECHANICALLY ATTACHED SYSTEMS RHINO BOND® SYSTEMS	ISSUE / REVISION DATE 4/6/21	SCALE N.T.S.	 HEAT-WELDED  EVERGUARD® WATER-BLOCK  EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



SCUPPER - FIELD FABRICATED WITH COATED METAL - OVERFLOW

DRAWING #
323B

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/15/21

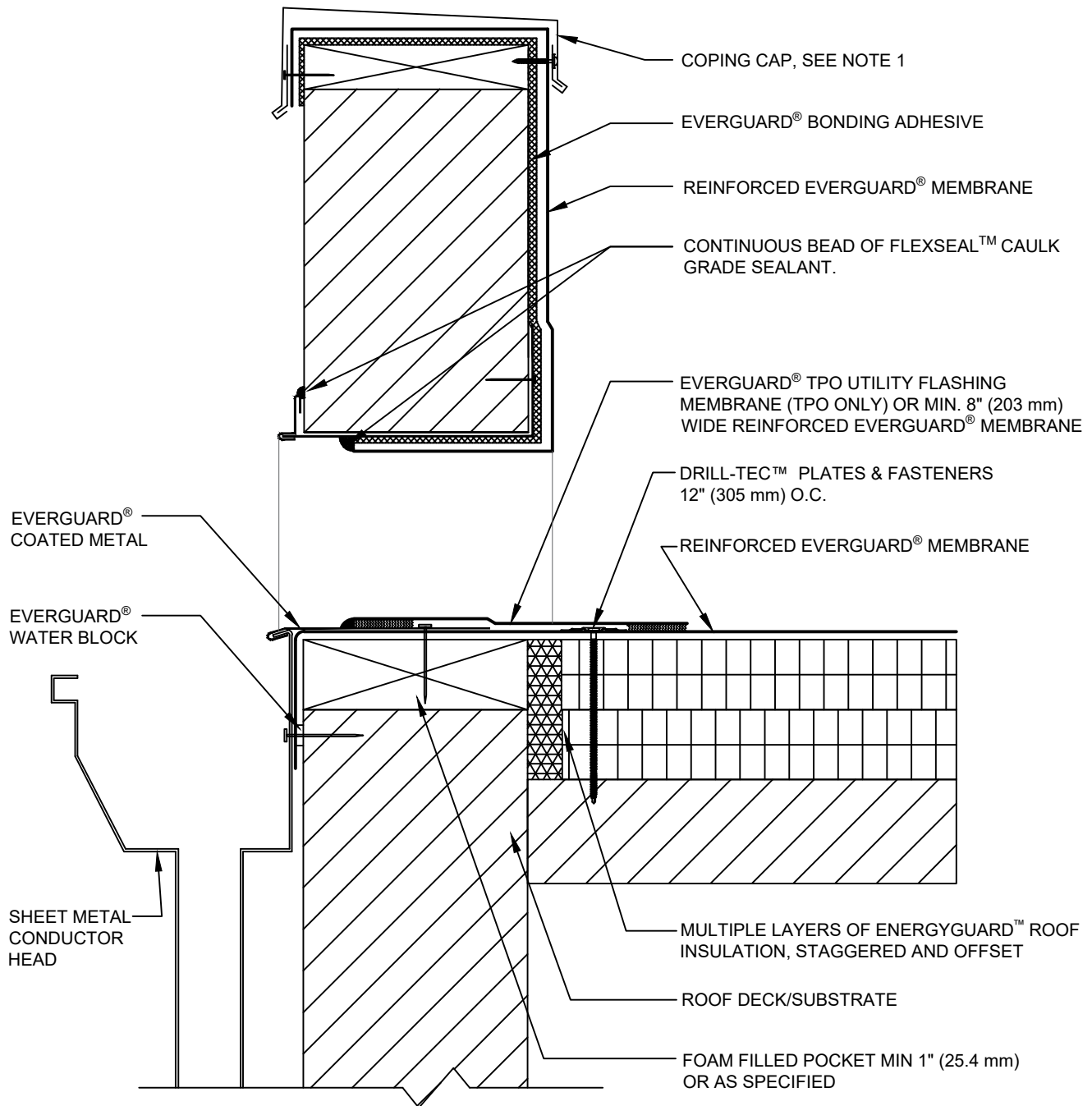
SCALE
N.T.S.

LEGEND

-  HEAT-WELDED
-  EVERGUARD® WATER-BLOCK
-  EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. METAL EDGE SHOULD BE DESIGNED FOR WIND RESISTANCE IN ACCORDANCE WITH THE APPLICABLE EDITION OF ASCE 7 AND TESTED FOR CAPACITY IN ACCORDANCE WITH THE TEST METHODS IN THE APPLICABLE EDITION OF ANSI/SPRI ES-1. FOR
2. STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.



THROUGH WALL SCUPPER WITH COATED METAL

DRAWING #
324B

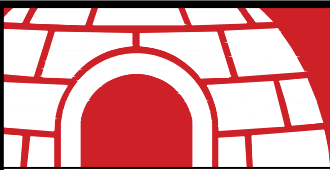
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.

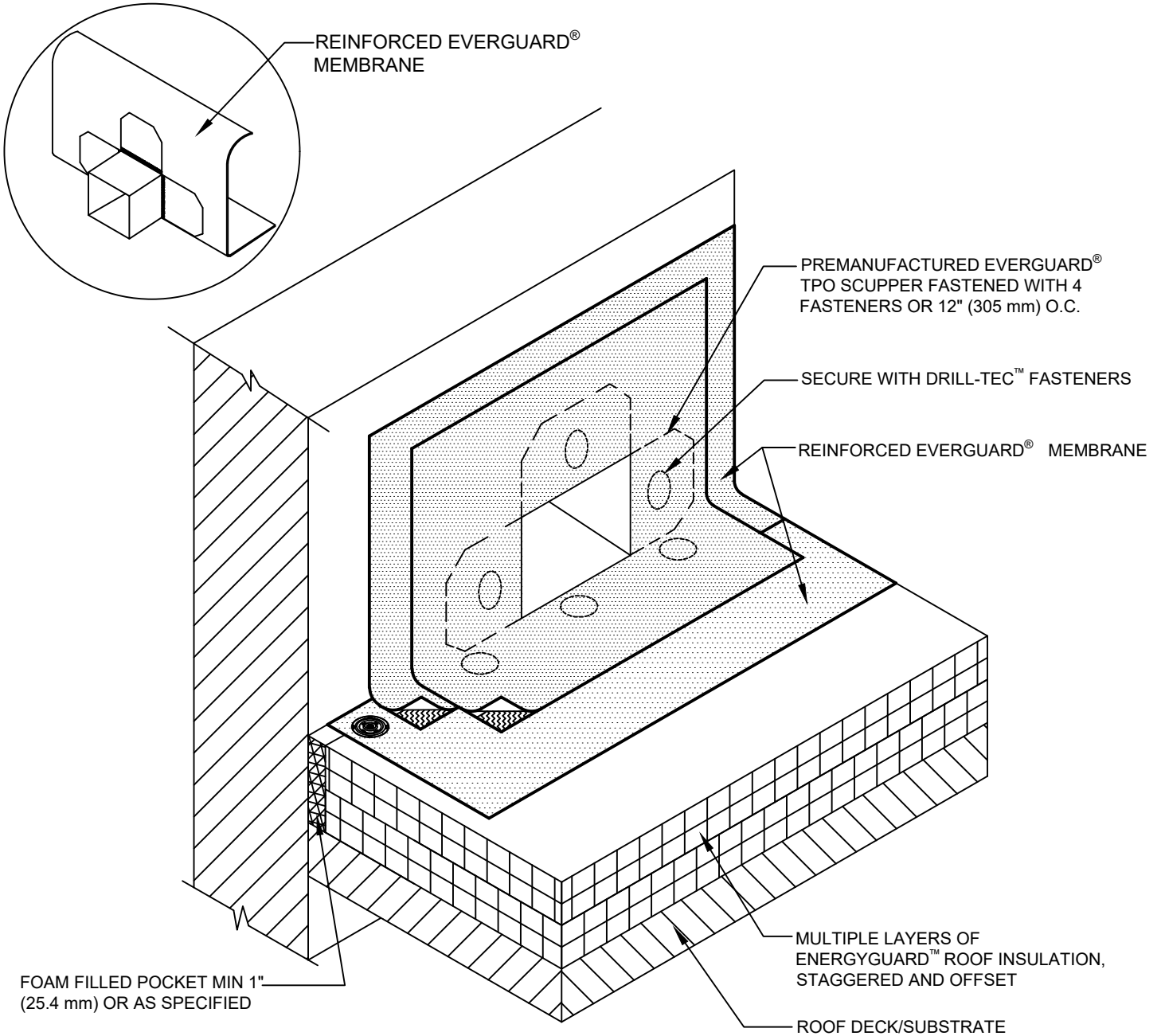
LEGEND

- HEAT-WELDED
- FLEXSEAL™ CAULK GRADE SEALANT



SINGLE-PLY: TPO & PVC 60-80 mil membranes

REAR VIEW OF SCUPPER



FOAM FILLED POCKET MIN 1" (25.4 mm) OR AS SPECIFIED

NOTE:

1. SCUPPER MUST ALSO BE SEALED ON OUTSIDE WALL.
2. FOR ALTERNATE BASE ATTACHMENT, REFER TO DETAIL 307.
3. STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL.

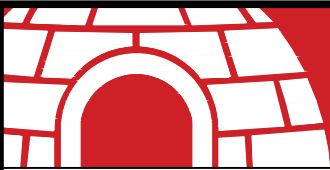


THROUGH WALL SCUPPER - PREFABRICATED DETAIL

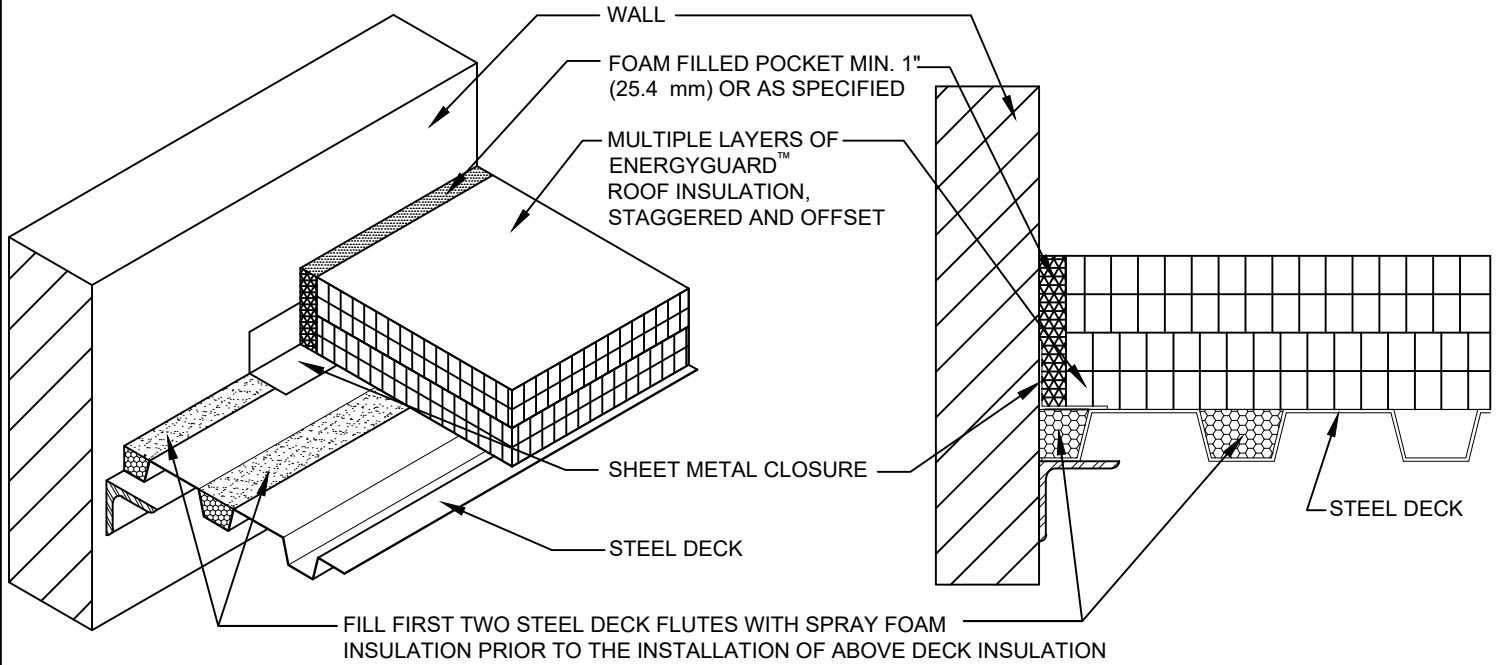
LEGEND

DRAWING #	THIS DETAIL APPLIES TO:	ISSUE / REVISION DATE	SCALE
324D	ADHERED SYSTEMS MECHANICALLY ATTACHED SYSTEMS RHINOBOND® SYSTEMS	3/15/21	N.T.S.

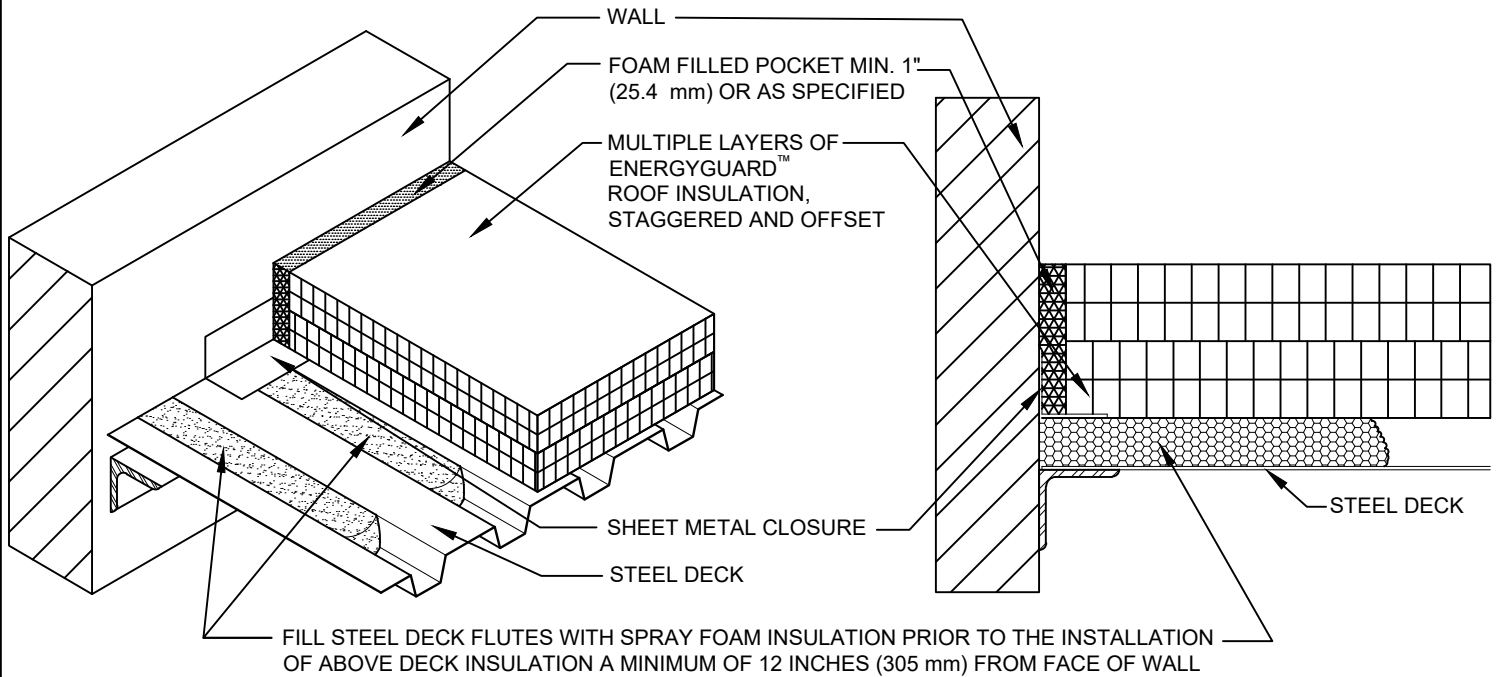




SINGLE-PLY: TPO & PVC 60-80 mil membranes



STEEL DECK PARALLEL TO WALL



STEEL DECK PERPENDICULAR TO WALL



AIR SEAL DETAIL AT STEEL DECK TO WALL INTERFACE

LEGEND

DRAWING #
350

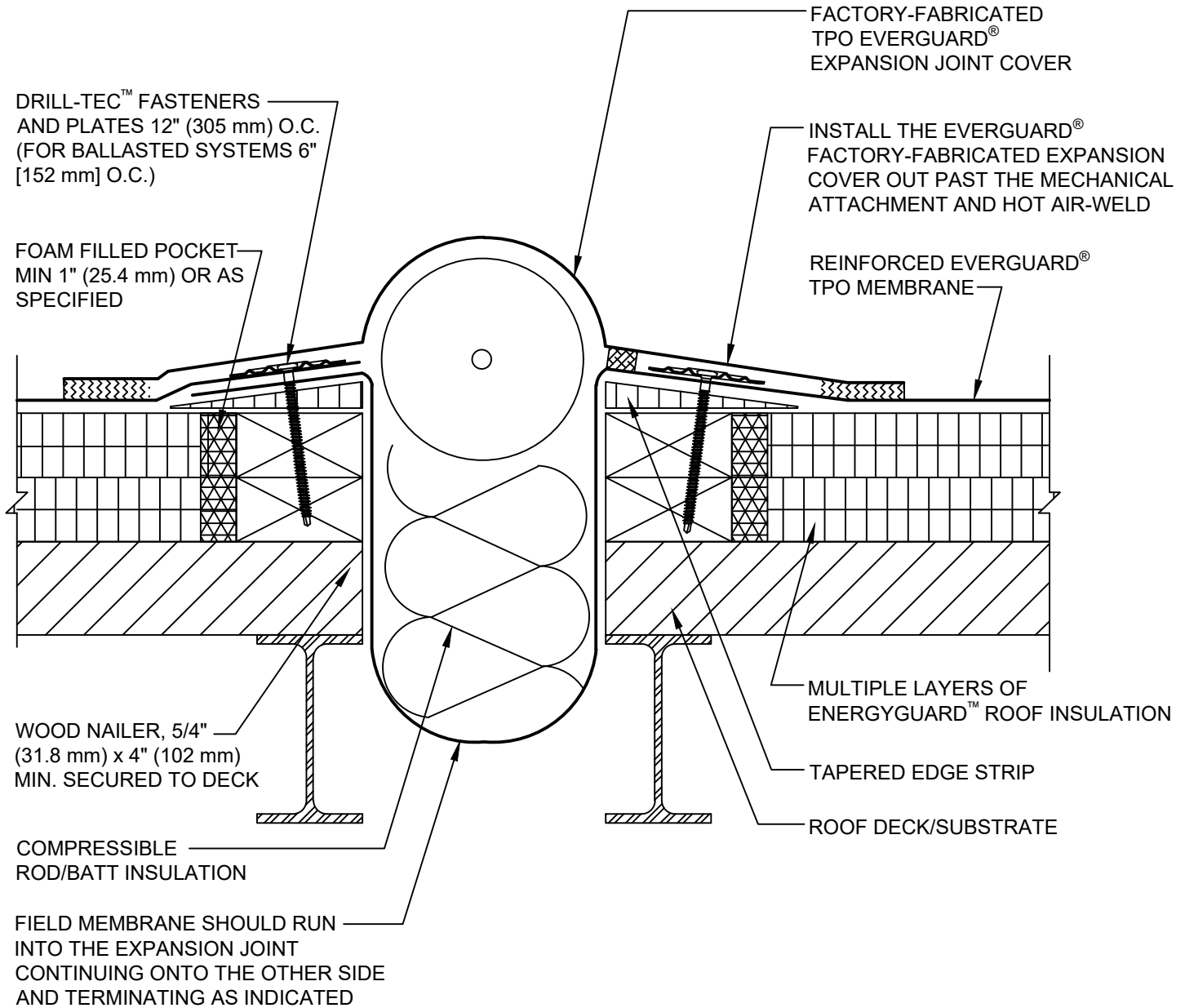
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/22/21

SCALE
N.T.S.



SINGLE-PLY: TPO 60-80 mil membranes



NOTE:

1. SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM EDGE OF EXPANSION JOINT.



**FACTORY FABRICATED EXPANSION JOINT DETAIL
- FLAT TYPE**

DRAWING #
401D

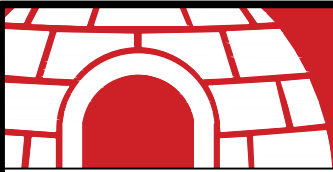
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO-BOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

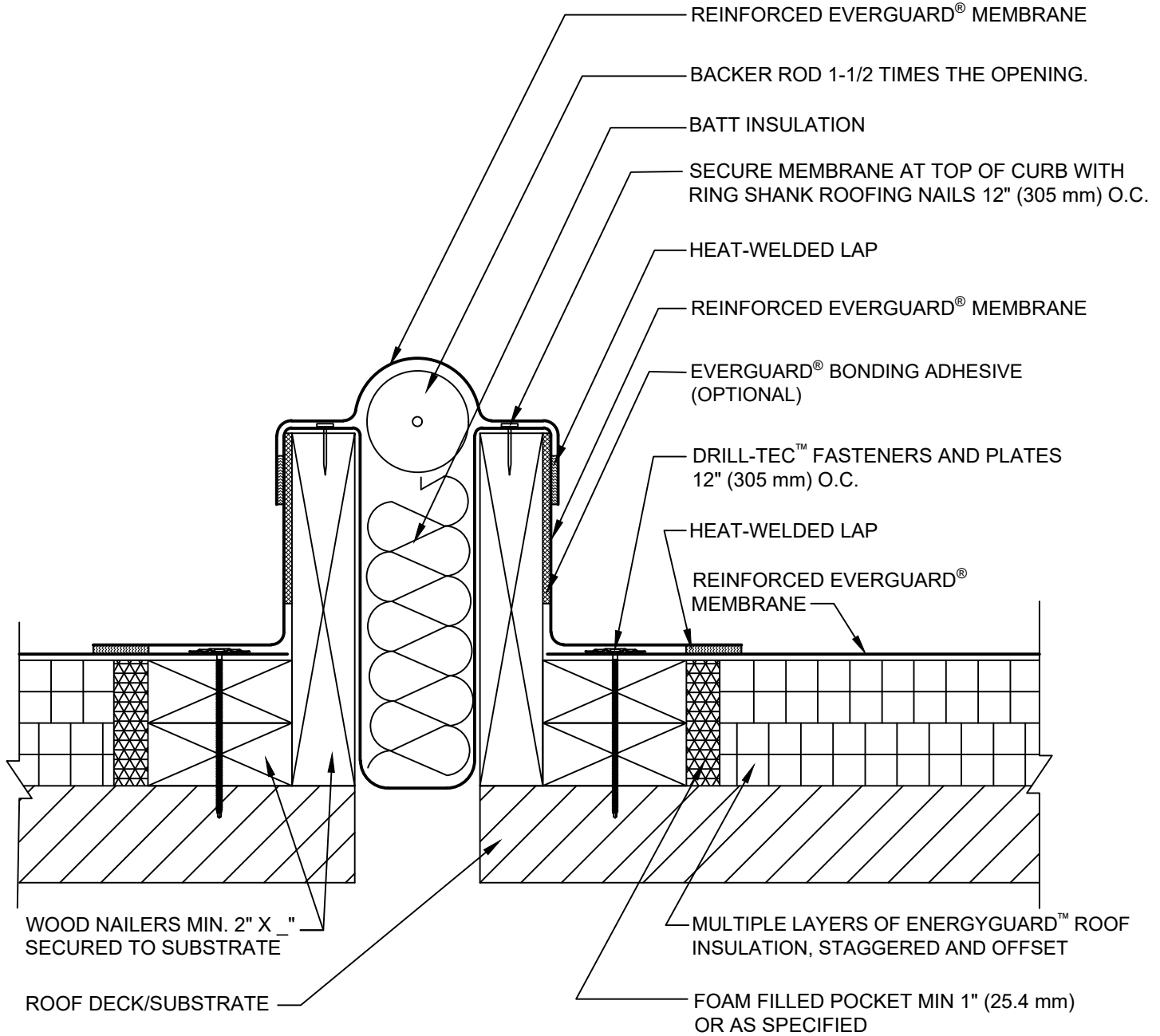
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- TACK WELD INTERMITTENTLY ON BOTH CURBS TO HOLD IN PLACE IF NEEDED



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. FIELD FABRICATED EXPANSION JOINT SHOULD BE SMOOTH BACKED MEMBRANE ONLY.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM EDGE OF EXPANSION JOINT.



FIELD FABRICATED EXPANSION JOINT - CURB TYPE

DRAWING #
402D

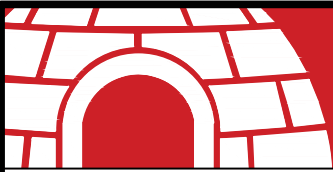
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/8/21

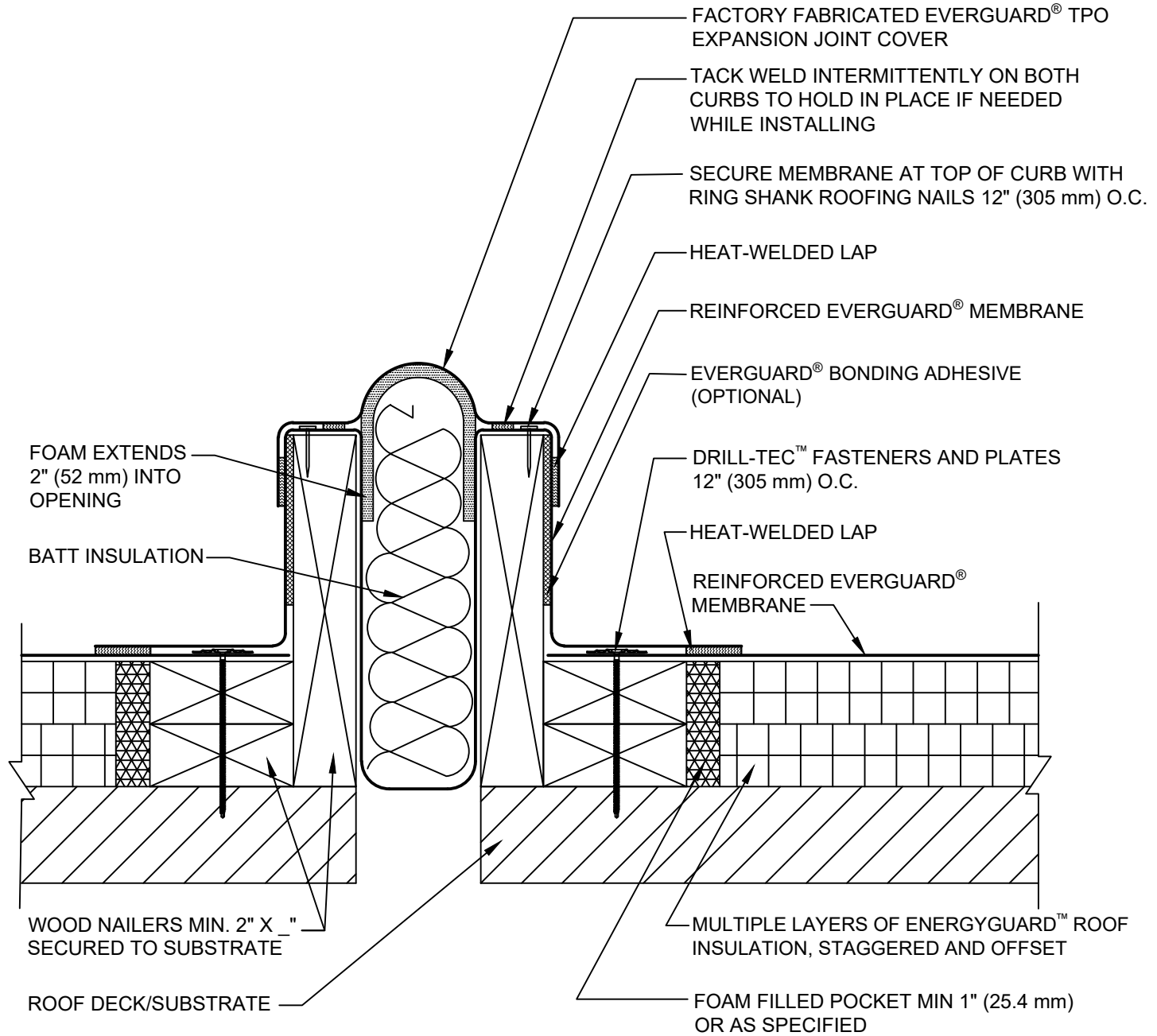
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. SEE EVERGUARD® DETAIL 330 FOR LAP APPLICATION.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM EDGE OF EXPANSION JOINT.



FACTORY FABRICATED EXPANSION JOINT - CURB TYPE

DRAWING #
402E

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO-BOND® SYSTEMS

ISSUE / REVISION DATE
3/8/21

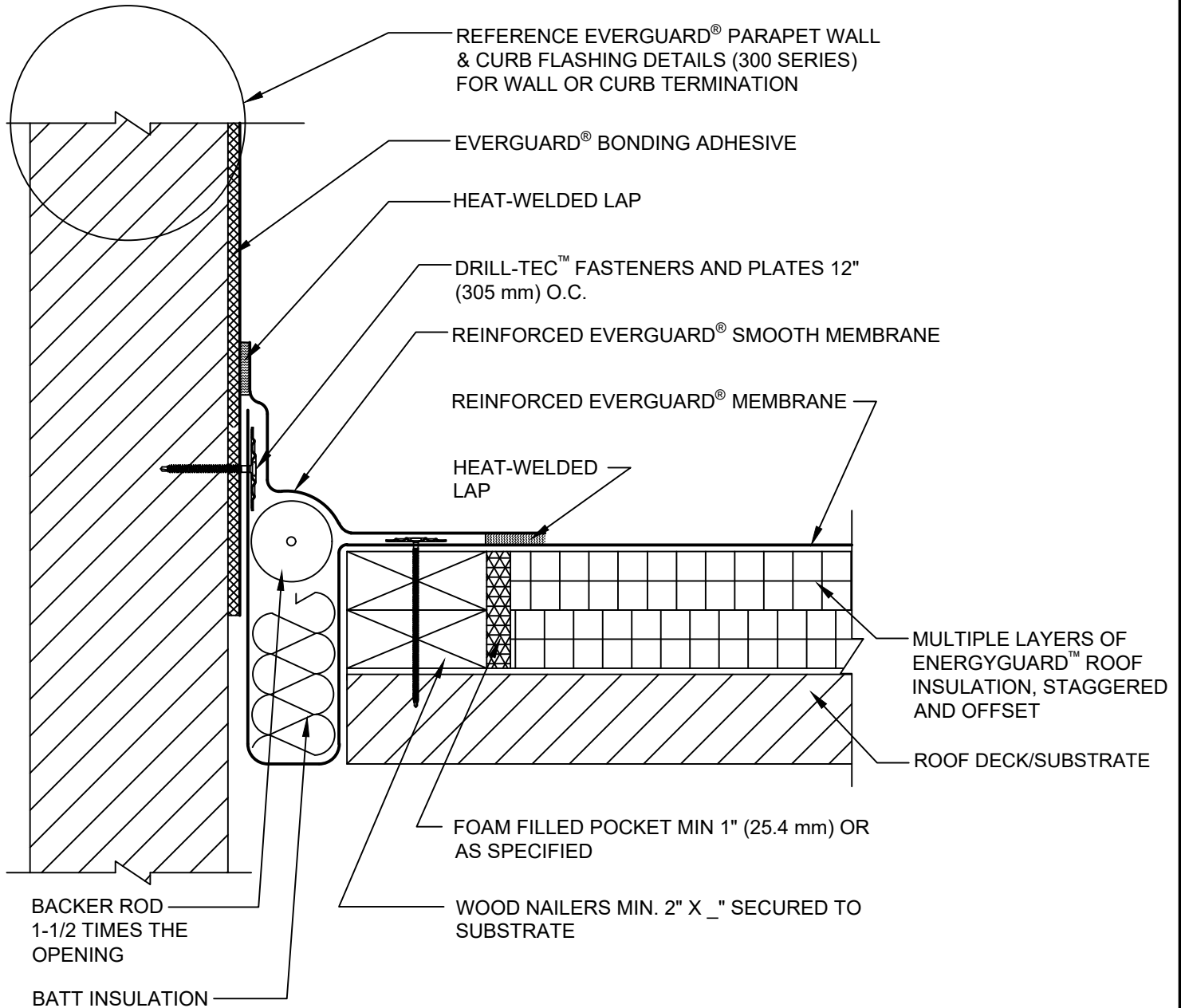
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® WATER-BLOCK
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. FIELD-FABRICATED EXPANSION JOINT SHOULD USE A SMOOTH BACKED MEMBRANE.
2. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL



FIELD FABRICATED WALL EXPANSION JOINT - FLAT TYPE

DRAWING #
403D

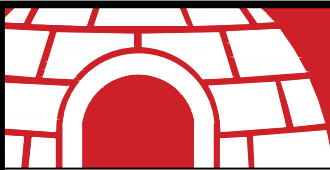
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO-BOND® SYSTEMS

ISSUE / REVISION DATE
3/8/21

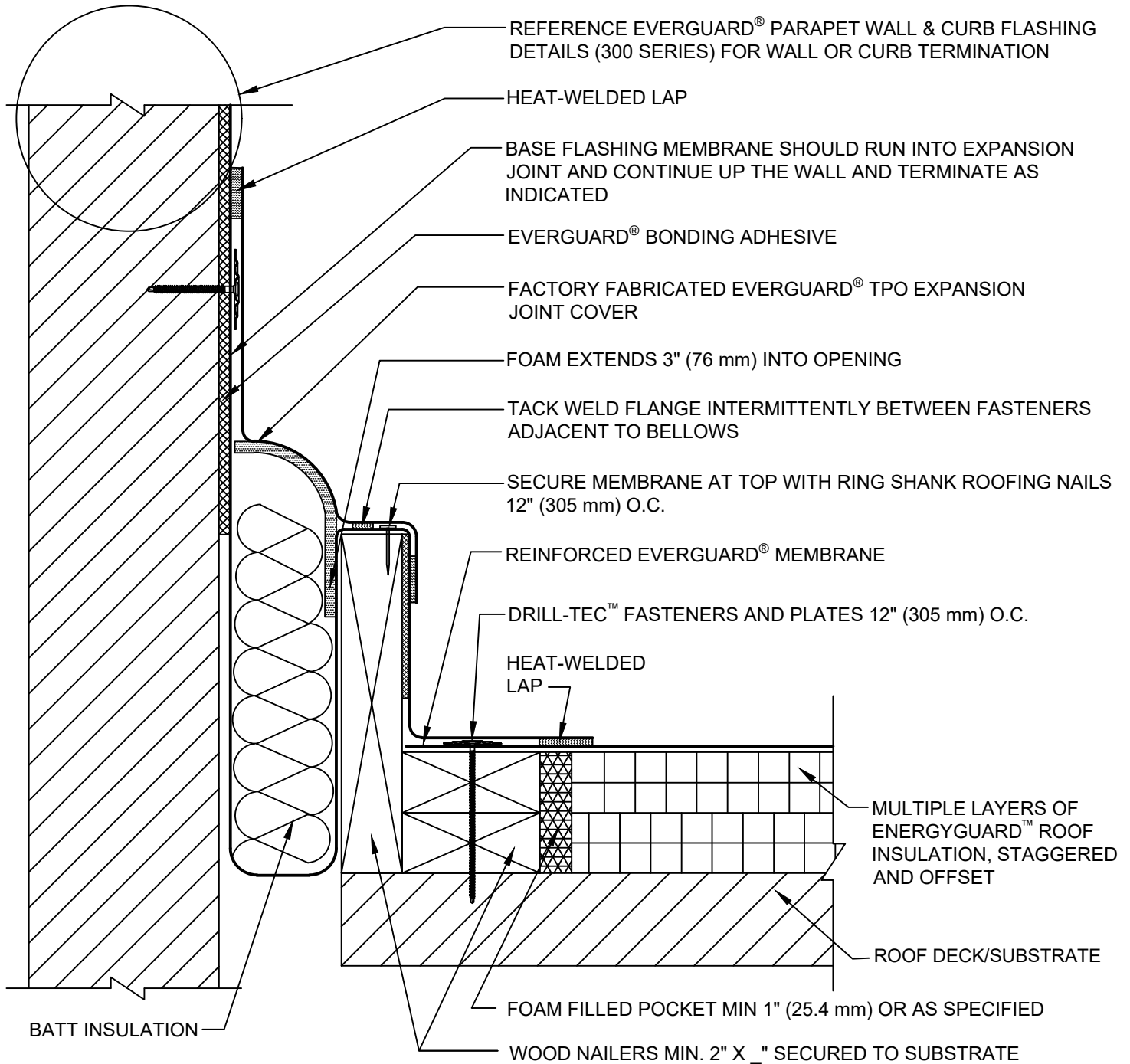
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO 60-80 mil membranes



NOTE:

1. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF WALL



FACTORY FABRICATED WALL EXPANSION JOINT - CURB TYPE

DRAWING #
404D

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/29/21

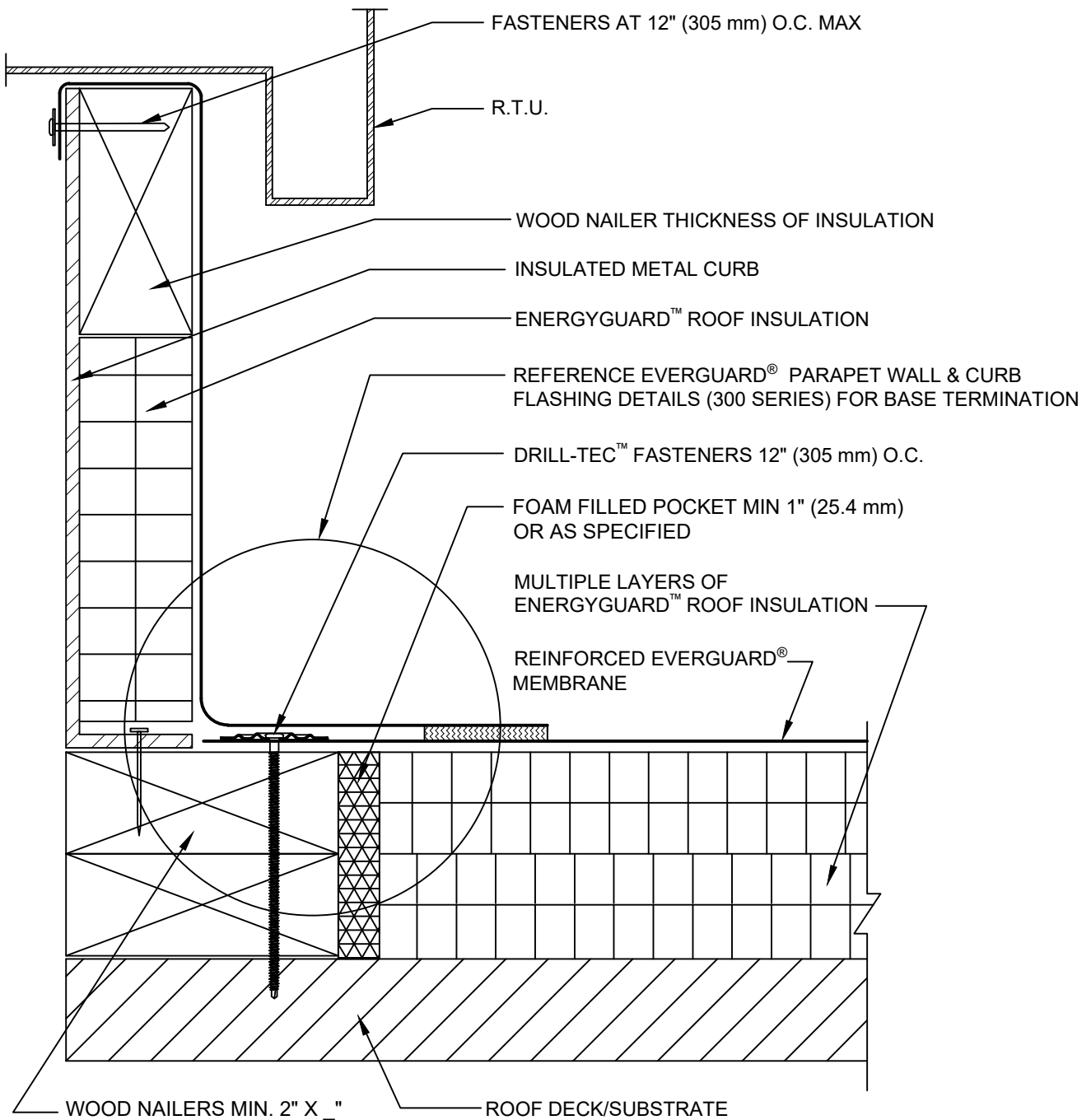
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF OPENING.



TERMINATION AT R.T.U. DETAIL WITH WELDED LAP

DRAWING #
503C

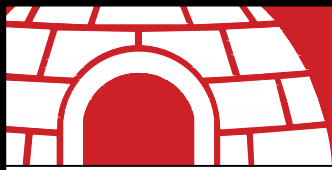
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

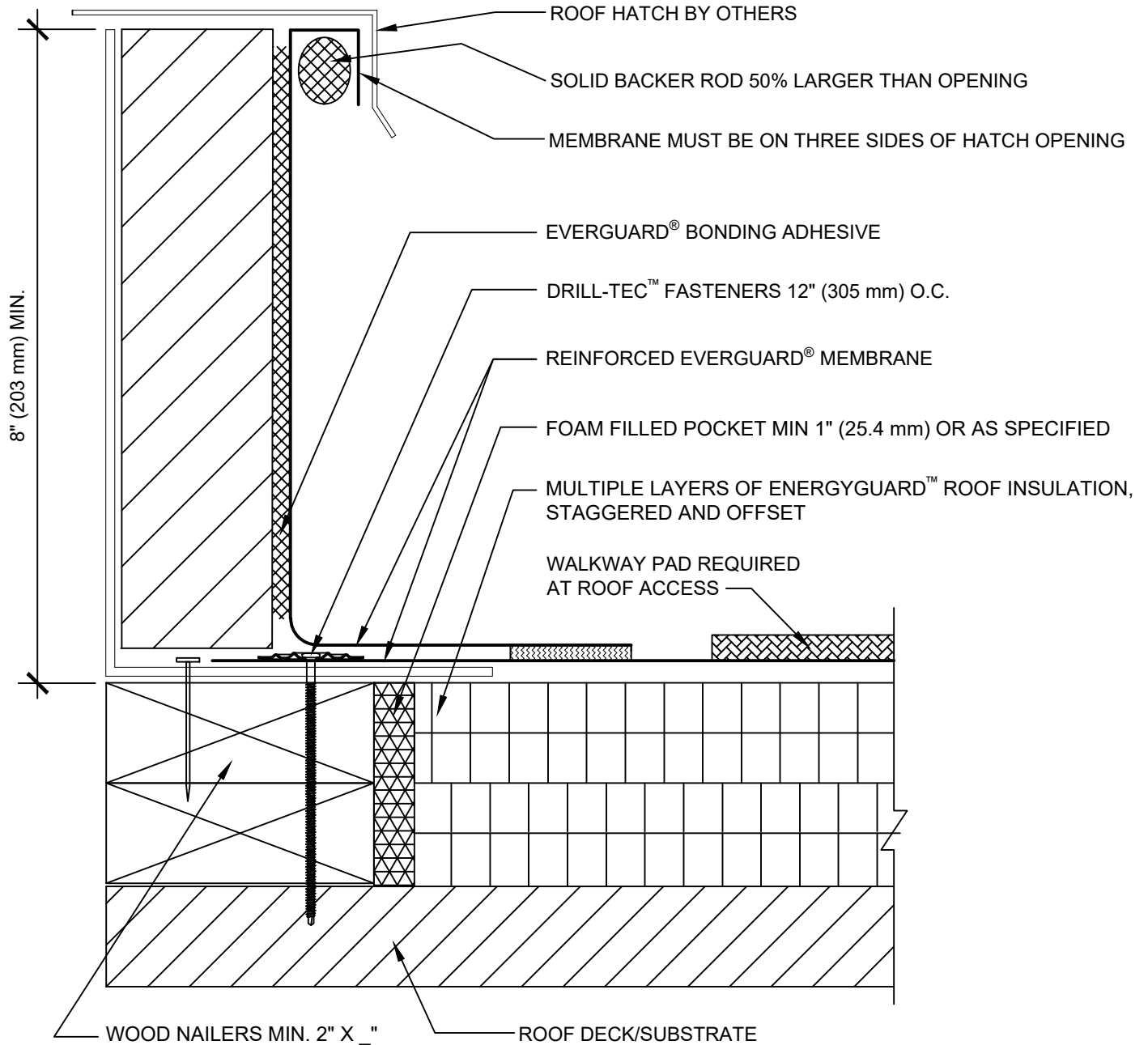
SCALE
N.T.S.

LEGEND

 HEAT-WELDED



SINGLE-PLY: TPO & PVC 60-80 mil membranes



NOTE:

1. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM FACE OF OPENING.

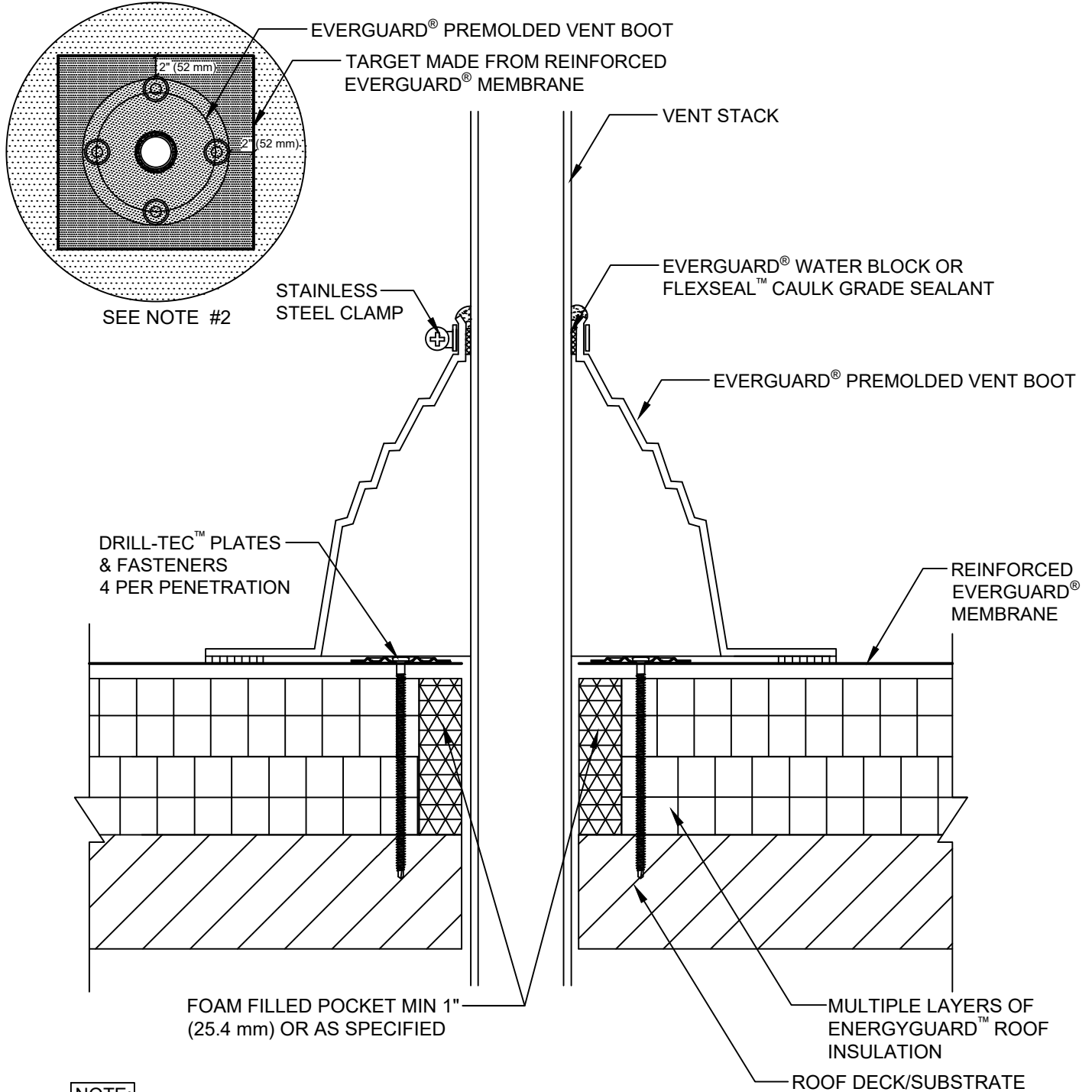
LEGEND

- HEAT-WELDED
- EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes

ALTERNATE INSTALLATION
[12" (305 mm) OR MORE OF INSULATION]



NOTE:

1. DO NOT CUT SIDE OF PREMOLDED BOOT. IT MUST BE PULLED OVER VENT PIPE.
2. IF THE PLATES AND FASTENERS INTRUDE INTO BOOT FLANGE AREA, THEN A TARGET MUST FIRST BE INSTALLED OVER PLATES AND FASTENERS BEFORE BOOT INSTALLATION.



PREMOLDED VENT BOOT FLASHING DETAIL - AMBIENT INTERIOR CONDITIONS

DRAWING #
506B

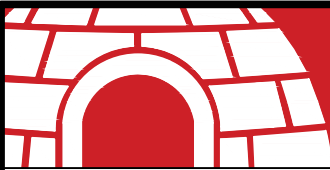
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO-BOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

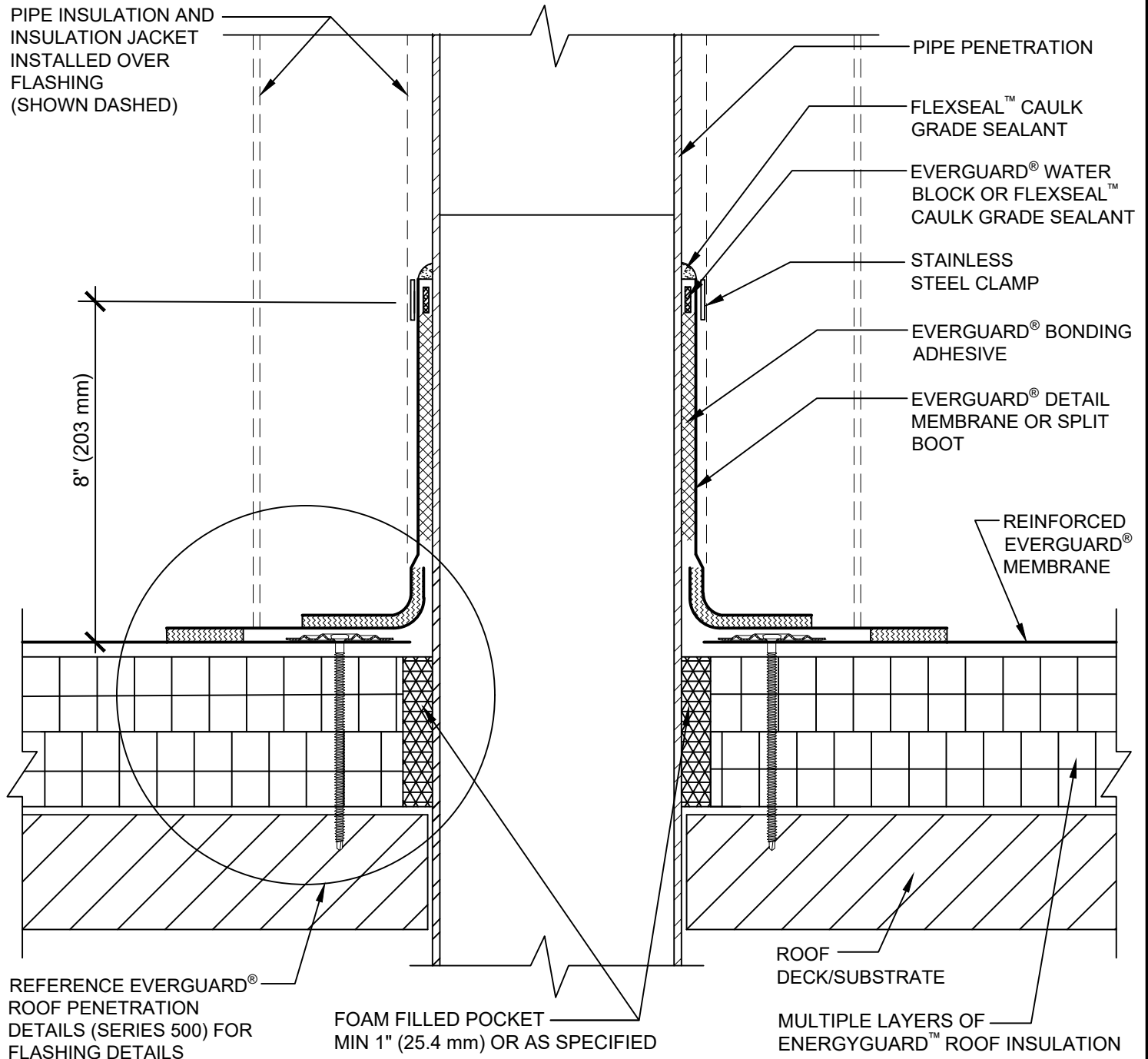
SCALE
N.T.S.

LEGEND

- HEAT-WELDED
- FLEXSEAL™ CAULK GRADE SEALANT



SINGLE-PLY: TPO & PVC 60-80 mil membranes



INSULATED PIPE PENETRATION DETAIL WITH FLASHING TO PIPE

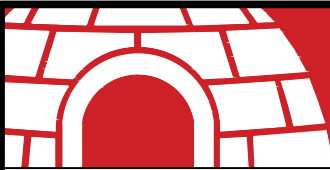
DRAWING #
506C

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

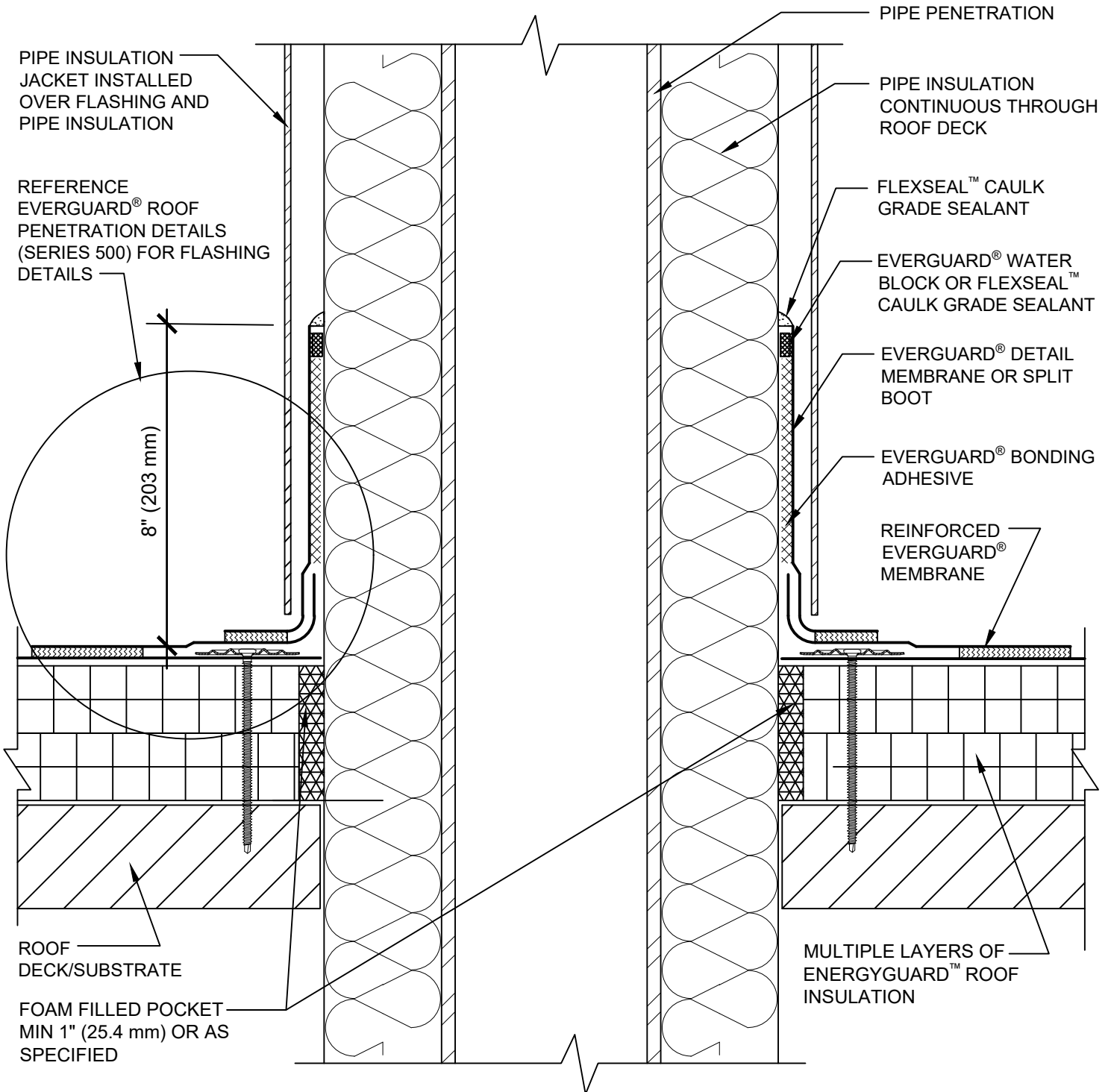
ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.

LEGEND	
	HEAT-WELDED
	EVERGUARD® WATER-BLOCK
	EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



INSULATED PIPE PENETRATION DETAIL WITH FLASHING TO PIPE INSULATION



DRAWING #
506D

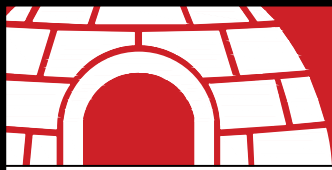
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINO BOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

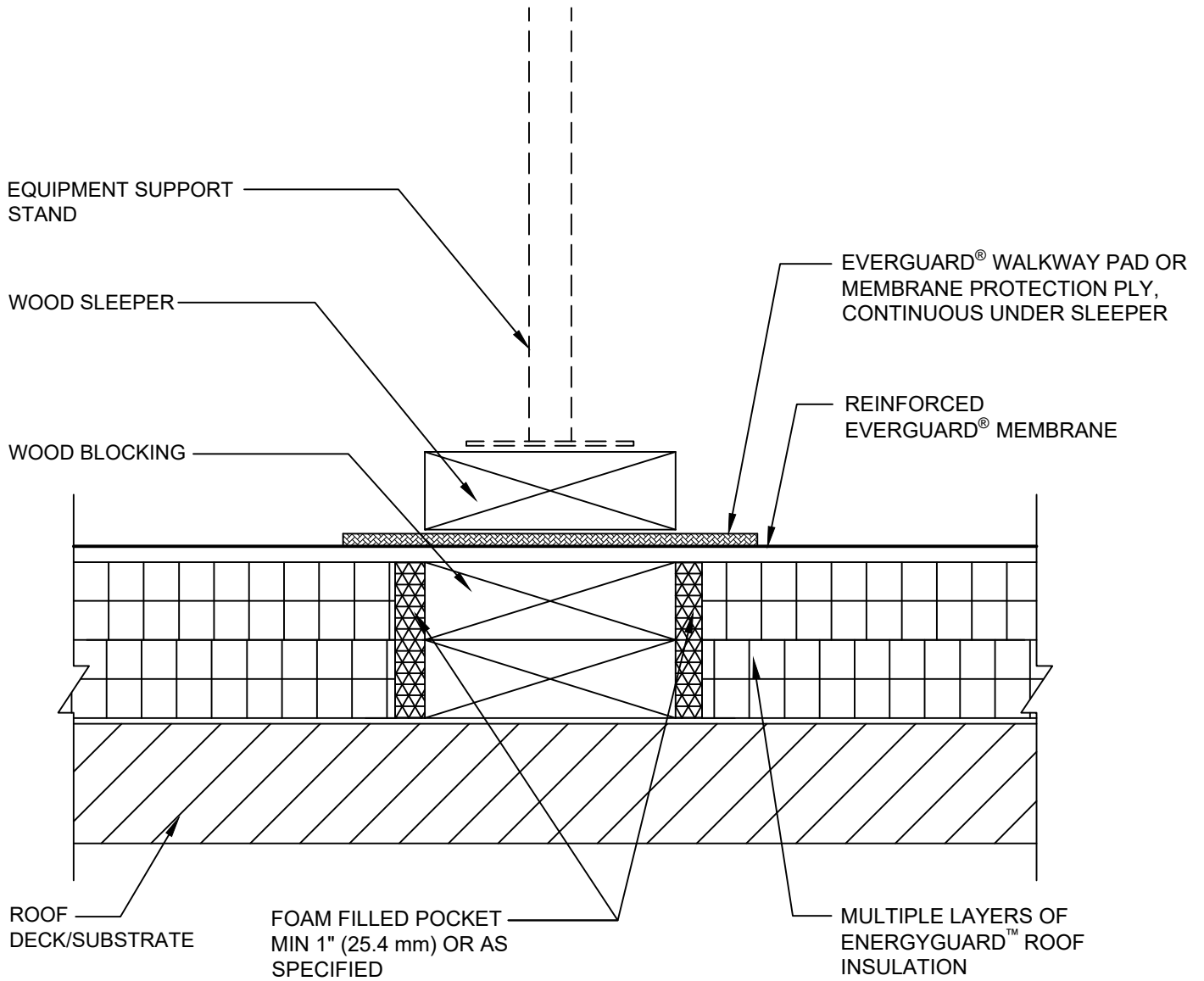
SCALE
N.T.S.

LEGEND

-  HEAT-WELDED
-  EVERGUARD® WATER-BLOCK
-  EVERGUARD® BONDING ADHESIVE



SINGLE-PLY: TPO & PVC 60-80 mil membranes



EXPOSED WOOD EQUIPMENT SUPPORT SLEEPER DETAIL

LEGEND

DRAWING #
511B

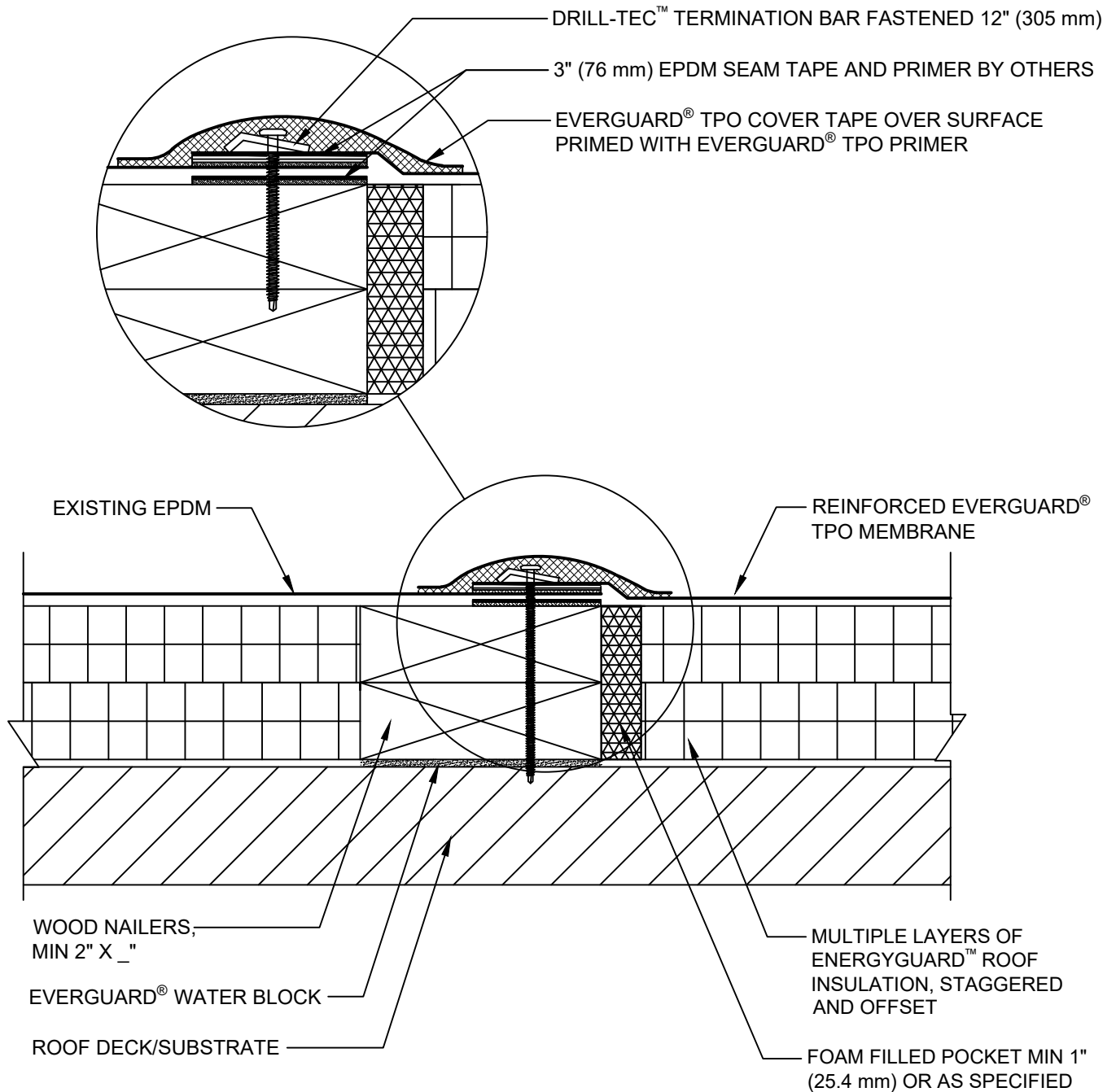
THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
3/1/21

SCALE
N.T.S.



SINGLE-PLY: TPO 60-80 mil membranes



NOTE:

1. GAF DOES NOT GUARANTEE THE WATERTIGHT INTEGRITY OF TIE-INS TO OTHER MEMBRANE ROOF SYSTEMS.
2. WOOD BLOCKING MUST BE SEALED TO THE DECK. IF STEEL DECK, ALL LOWER FLUTES MUST BE SEALED TO PREVENT WATER FROM GOING PAST THIS DETAIL UNDER THE ROOF.
3. FOR STEEL ROOF DECKS: FILL STEEL DECK FLUTES WITH SPRAY FOAM INSULATION PRIOR TO THE INSTALLATION OF ABOVE DECK INSULATION A MINIMUM OF 12 INCHES (305 mm) FROM WOOD NAILER ON NEW TPO SIDE OF ROOF.



TPO TO EXISTING EPDM - NONADHERED

DRAWING #
609C

THIS DETAIL APPLIES TO:
ADHERED SYSTEMS
MECHANICALLY ATTACHED SYSTEMS
RHINOBOND® SYSTEMS

ISSUE / REVISION DATE
4/6/21

SCALE
N.T.S.

LEGEND

-  EVERGUARD® WATER BLOCK
-  EVERGUARD® BONDING ADHESIVE