

STEP 10

- APPLY A CONTINUOUS BEAD OF A CHEMICALLY-COMPATIBLE SEALANT ALONG THE WINDOW HEAD AND JAMBS.
- AT THE SILL, APPLY SEALANT WITH A MINIMUM 2" WIDE DRAINAGE GAP IN THE SEALANT BEAD WITHIN 4" FROM EACH CORNER OF THE JAMB-SILL INTERFACE. CONTINUE APPLYING SEALANT ALONG THE SILL WITH ADDITIONAL 2" WIDE (MIN.) DRAINAGE GAPS FOR EVERY 6"- 12" (ON CENTER) OF SILL WIDTH.
- DO NOT APPLY** A CONTINUOUS SEALANT BEAD ACROSS THE BOTTOM SILL FLANGE.

STEP 9

- CUT DUPONT™ FLEXWRAP™ AT LEAST 12" LONGER THAN WIDTH OF INNER/RECESSED SILL.
- REMOVE WIDE PIECE OF RELEASE PAPER.
- COVER SILL BY ALIGNING FLEXWRAP™ WITH INSIDE EDGE OF SILL AND ADHERE ONTO SILL AND UP JAMBS (MIN. 6" ON EACH SIDE).
- REMOVE NARROW PIECE OF RELEASE PAPER.
- FAN OUT FLEXWRAP™ AT BOTTOM CORNERS ONTO FACE OF RECESSED WINDOW FRAMING. COVERAGE OF FLEXWRAP™ SHOULD BE A MINIMUM OF 2" ONTO THE FACE OF THE WINDOW FRAME.

STEP 8

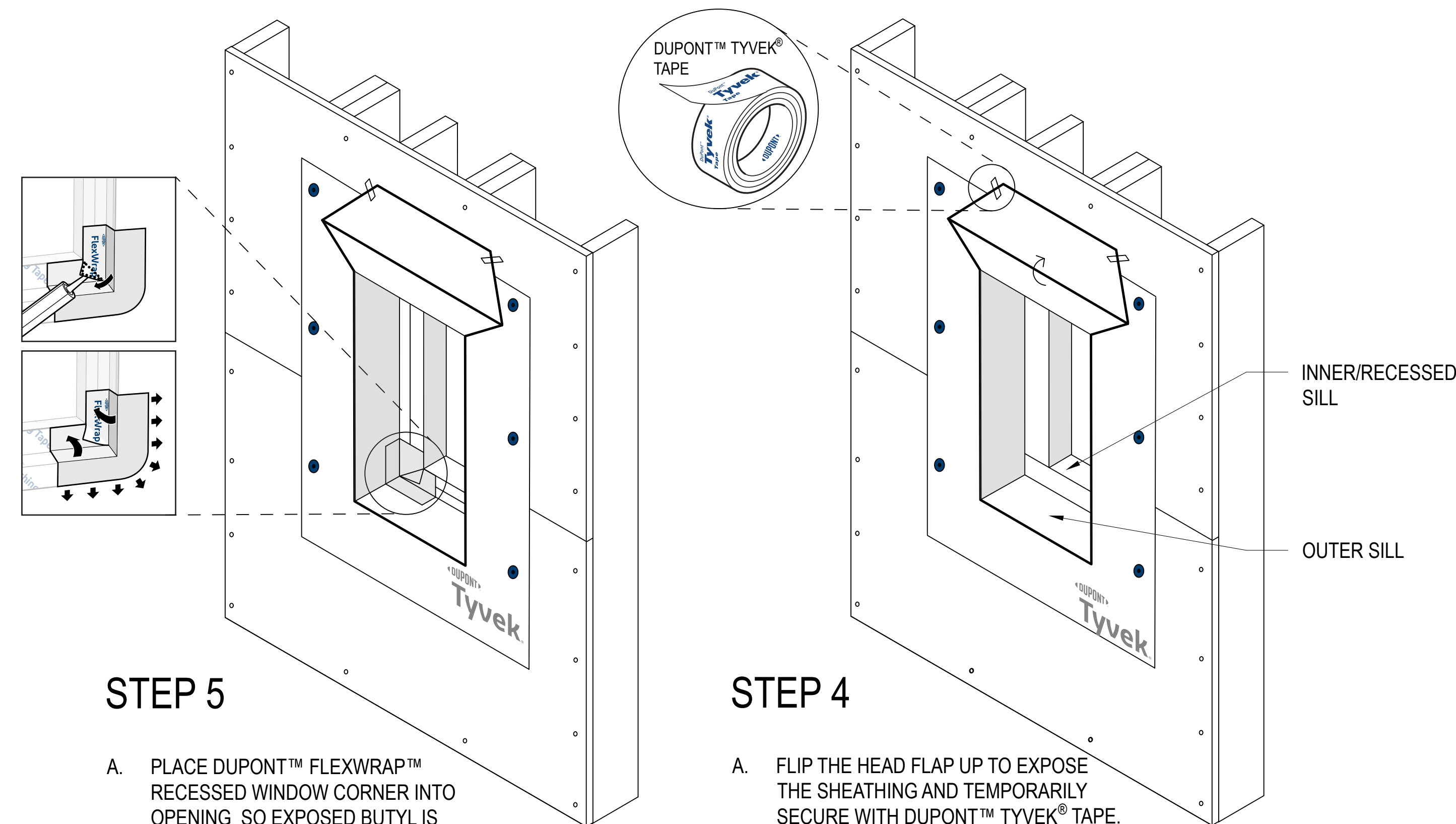
- CUT THE LAST LAYER OF DUPONT™ FLASHING TAPE/STRAIGHTFLASH™ THE LENGTH OF THE INNER WINDOW SILL AND USE APPROPRIATE WIDTH FOR A MIN. OF 2" ADHESION OF BUTYL ONTO THE FACE OF THE STUD FRAMING AT THE WINDOW SILL, MAINTAINING A 2" OVERLAP ONTO THE PREVIOUS LAYER.
- FOLD TO CREATE A SHARP CREASE THAT IS ALIGNED WITH THE INTERSECTION OF THE RECESSED SILL AND THE FACE OF THE STUD FRAMING. TEAR RELEASE PAPER AT THE FOLD SO EXPOSED BUTYL CAN BE ADHERED ONTO SILL OF RECESS.
- ADHERE EXPOSED BUTYL ON SILL OF RECESS AND TIGHT INTO THE INTERSECTION OF RECESSED SILL AND FACE OF STUD FRAMING.
- REMOVE SECOND RELEASE PAPER AND ADHERE EXPOSED BUTYL ONTO THE FACE OF THE STUD FRAMING.
- APPLY A CONTINUOUS BEAD OF A CHEMICALLY-COMPATIBLE SEALANT ALONG THE EDGE OF THE OVERLAP BETWEEN THE DUPONT™ FLASHING TAPE/STRAIGHTFLASH™ AND THE FLEXWRAP™.

STEP 7

- CUT THE FIRST COURSE OF DUPONT™ FLASHING TAPE OR DUPONT™ STRAIGHTFLASH™ 12" LONGER THAN THE OUTER SILL (S).
- REMOVE THE RELEASE PAPER AND ALIGN ON SILL TO OVERLAP THE FLEXWRAP™ BY 2" AND EXTEND 6" UP EACH JAMB WALL OF THE RECESS. THE DUPONT™ FLASHING TAPE/STRAIGHTFLASH™ SHOULD BE INSTALLED TIGHTLY INTO THE CORNER AT THE INTERSECTION OF THE RECESS SILL AND THE WALL OF THE RECESS.

STEP 6

- CUT FLEXWRAP™ AT LEAST 12" LONGER THAN THE WIDTH OF OUTER SILL OF THE RECESS (S).
- REMOVE WIDE PIECE OF RELEASE PAPER COVER HORIZONTAL SILL BY ALIGNING THE EXPOSED BUTYL ONTO THE HORIZONTAL SURFACE OF THE OUTER SILL AND UP THE JAMBS (MIN. 6" ON EACH SIDE).
- REMOVE NARROW RELEASE PAPER.
- FAN OUT FLEXWRAP™ AT BOTTOM CORNERS ONTO THE FACE OF WALL. COVERAGE OF FLEXWRAP™ SHOULD BE 2"-3" ONTO THE FACE OF THE WALL.



STEP 5

- PLACE DUPONT™ FLEXWRAP™ RECESSED WINDOW CORNER INTO OPENING SO EXPOSED BUTYL IS ADHERED AGAINST THE FACE OF RECESSED FRAMING.
- REMOVE REMAINING RELEASE PAPER.
- ADHERE EXPOSED BUTYL TO SILL AND JAMB SURFACES OF RECESS.
- APPLY A BEAD OF A CHEMICALLY-COMPATIBLE SEALANT BEHIND THE LOOSE TRIANGULAR FLAP WITHIN FLEXWRAP™ RECESSED WINDOW CORNER.
- PRESS DOWN THE LOOSE TRIANGULAR FLAP ONTO THE SEALANT.
- REPEAT STEPS A-E FOR OPPOSITE SIDE.

STEP 4

- FLIP THE HEAD FLAP UP TO EXPOSE THE SHEATHING AND TEMPORARILY SECURE WITH DUPONT™ TYVEK® TAPE.

STEP 3

- CUT AN OPENING IN THE TYVEK® WRB ALONG THE PERIMETER OF THE ROUGH OPENING.
- ENSURE THE TYVEK® WRB IS CUT FLUSH WITH THE SHEATHING AND IS NOT WRAPPED INTO THE ROUGH OPENING.
- CUT A HEAD FLAP AT A 45-DEGREE ANGLE TO EXPOSE 8" OF SHEATHING TO ALLOW FOR HEAD FLASHING INSTALLATION.

STEP 2

- CUT A PIECE OF DUPONT™ TYVEK® WRB THAT IS 24" TALLER AND 24" WIDER THAN THE ROUGH OPENING OF THE WINDOW.
- CENTER THE PIECE OVER THE ROUGH OPENING AND FASTEN ALONG THE SIDES AND TOP (LEAVE BOTTOM UNFASTENED). DUPONT™ TYVEK® WRAP CAP FASTENERS TO BE PLACED A MINIMUM OF 10" AWAY FROM THE ROUGH OPENING EDGE.
- DO NOT INSTALL** FASTENERS WITHIN 8" OF THE BOTTOM EDGE OF THE TYVEK® WRB.

STEP 1

- SHEATHING TO BE INSTALLED OVER STUDS.
- AFTER SHEATHING HAS BEEN INSTALLED, CUT AN OPENING IN THE SHEATHING ALONG THE PERIMETER OF THE ROUGH OPENING FOR THE WINDOW.
- ENSURE THE SHEATHING IS CUT FLUSH WITH OR SLIGHTLY BELOW THE SILL FRAMING TO ALLOW FOR POSITIVE DRAINAGE.
- FRAMING IS ONLY SHOWN SCHEMATICALLY. SEE DRAWINGS BY OTHERS FOR DETAILED INFORMATION.

NOTES:
INSTALLATION IS APPLICABLE FOR SINGLE-FAMILY RESIDENTIAL & WOOD-FRAMED MULTI-FAMILY AND LIGHT COMMERCIAL BUILDINGS WHEN PERFORMANCE REQUIREMENTS DO NOT EXCEED ASTM E1677 (65 MPH EQUIVALENT STRUCTURAL LOAD AND 50 MPH (6.24 PSF) EQUIVALENT WIND-DRIVEN RAIN WATER INFILTRATION WHEN TESTED IN ACCORDANCE WITH ASTM E331, ASTM E1105, OR SIMILAR), AND WINDOW/DOOR DESIGN RATINGS THAT DO NOT EXCEED DP45. SEE *APPLICABLE STRUCTURES AND PERFORMANCE CRITERIA* IN THE APPLICABLE DUPONT INSTALLATION GUIDELINE FOR MORE INFORMATION REGARDING BUILDING TYPES AND BUILDING ENVELOPE PERFORMANCE. ALWAYS CHECK BUILDING.DUPONT.COM FOR THE LATEST VERSIONS OF DUPONT INSTALLATION GUIDELINES AND OTHER PRODUCT LITERATURE.

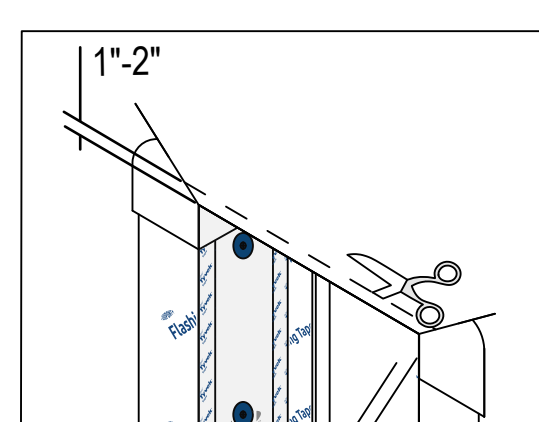
INSTALLATION FOR RECESSED WINDOW CONDITIONS WHERE DEPTH OF RECESS IS GREATER THAN 1/2 THE WIDTH OF RECESS
(METHOD 2)

Integral Flanged Window with Deep (Greater than 4") Recessed Opening Installed BEFORE the DuPont™ Tyvek® WRB Installation Sequence Method 2

DRAWING:
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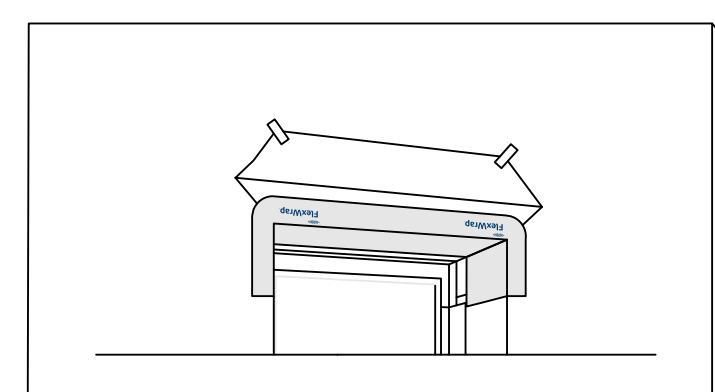
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DUPONT
Tyvek



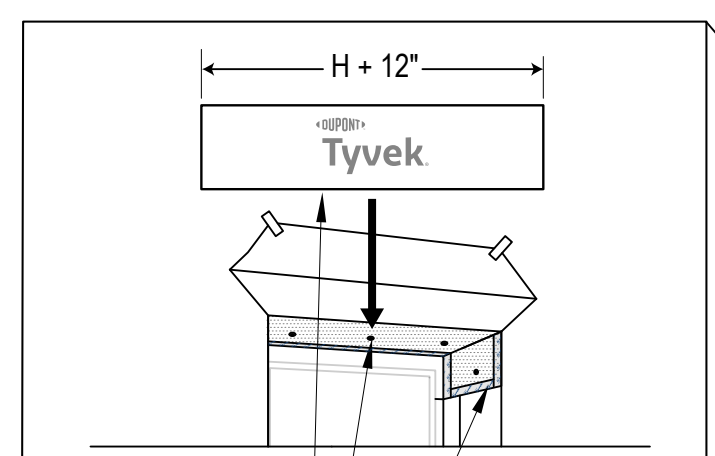
STEP 20

- FLIP DOWN THE UPPER FLAP OF THE TYVEK® WRB SO IT LAYS FLAT ACROSS THE FLEXWRAP™ AT THE HEAD OF THE OUTER RECESS.
- CUT A 1" STRIP OF TYVEK® WRB AT THE LOWER HORIZONTAL EDGE OF THE HEAD FLAP.
- WHEN TRIMMING THE TYVEK® WRB, **DO NOT CUT** OR DAMAGE THE HEAD FLASHING THAT HAS BEEN INSTALLED BEHIND IT.



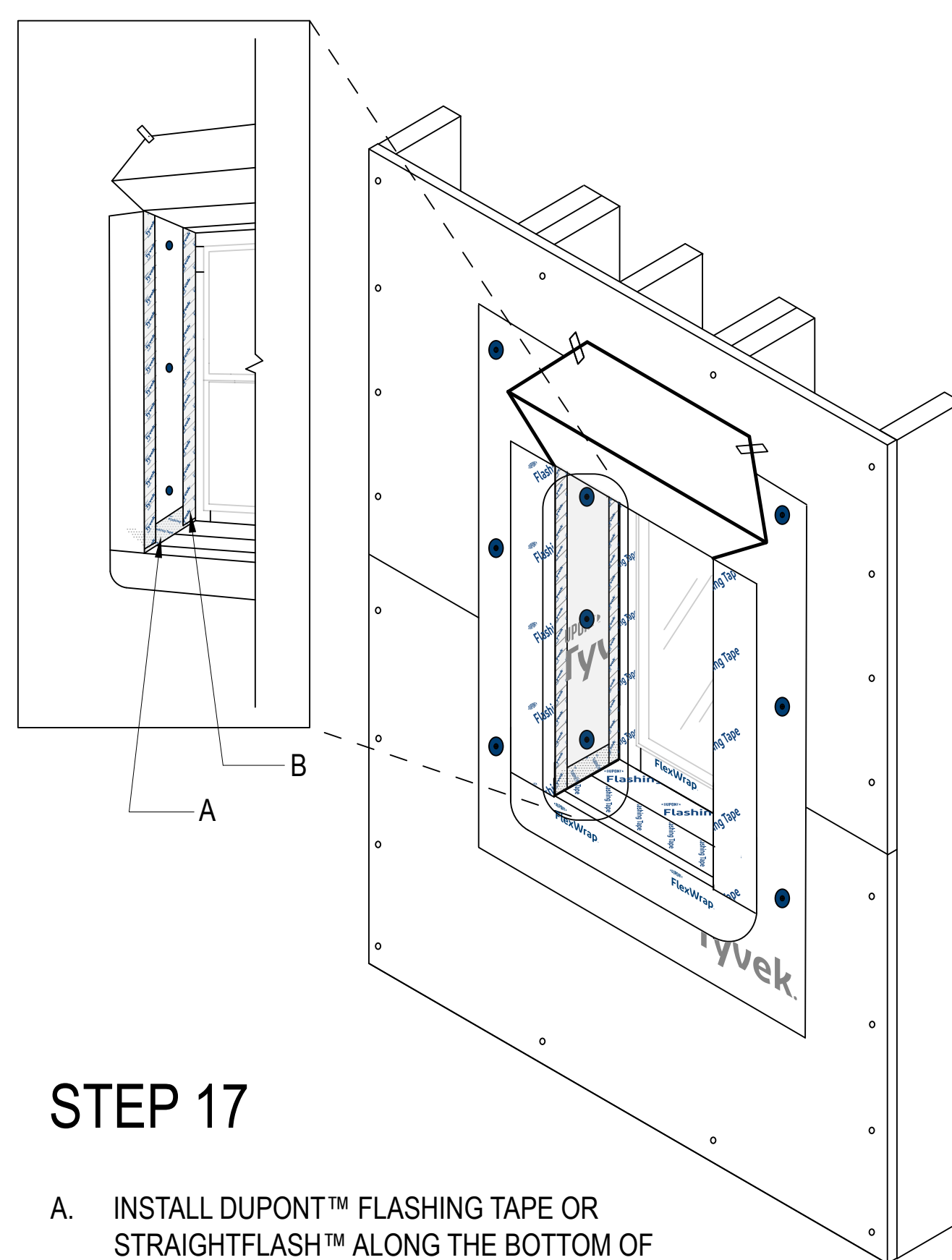
STEP 19

- CUT DUPONT™ FLEXWRAP™ AT LEAST 12" LONGER THAN THE WIDTH OF THE RECESS ROUGH OPENING.
- REMOVE THE WIDE PIECE OF RELEASE PAPER.
- ALIGN THE EXPOSED BUTYL WITH THE OUTSIDE EDGE OF THE WALL AND ADHERE TO THE HORIZONTAL SURFACE AT THE INNER CEILING OF HEAD RECESS AND DOWN INNER JAMB WALLS BY 6".
- REMOVE SECOND RELEASE PAPER.
- FAN OUT FLEXWRAP™ AT TOP CORNERS OF THE RECESS OPENING WITH MIN. COVERAGE OF 2" ONTO THE FACE WALL.



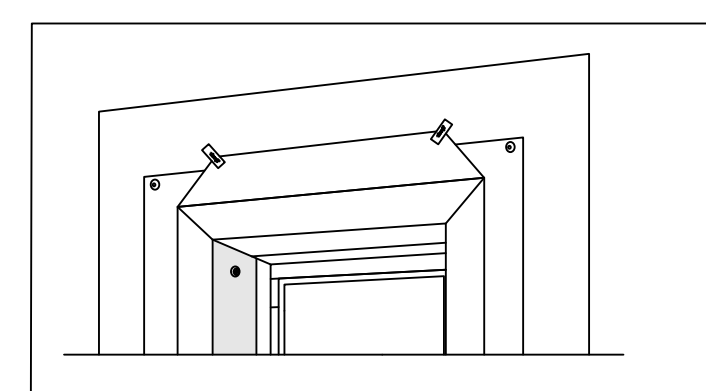
STEP 18

- CUT A PIECE OF DUPONT™ TYVEK® WRB 12" LONGER THAN THE RECESS ROUGH OPENING HEAD (H) AND 1 - 2" NARROWER THAN THE DEPTH OF THE RECESS.
- FASTEN AT RECESS CEILING SO OUTER EDGE IS ALIGNED WITH FACE OF THE WALL AND 6" OVERLAPS ONTO JAMB WALLS. **DO NOT FASTEN** WITHIN 3" OF EDGES SO THE TYVEK® WRB CAN BE SEALED TO THE HEAD FLASHING USING TYVEK® TAPE WITHOUT FASTENER INTERFERENCE.
- SEAL ALL INSIDE EDGES USING TYVEK® TAPE.



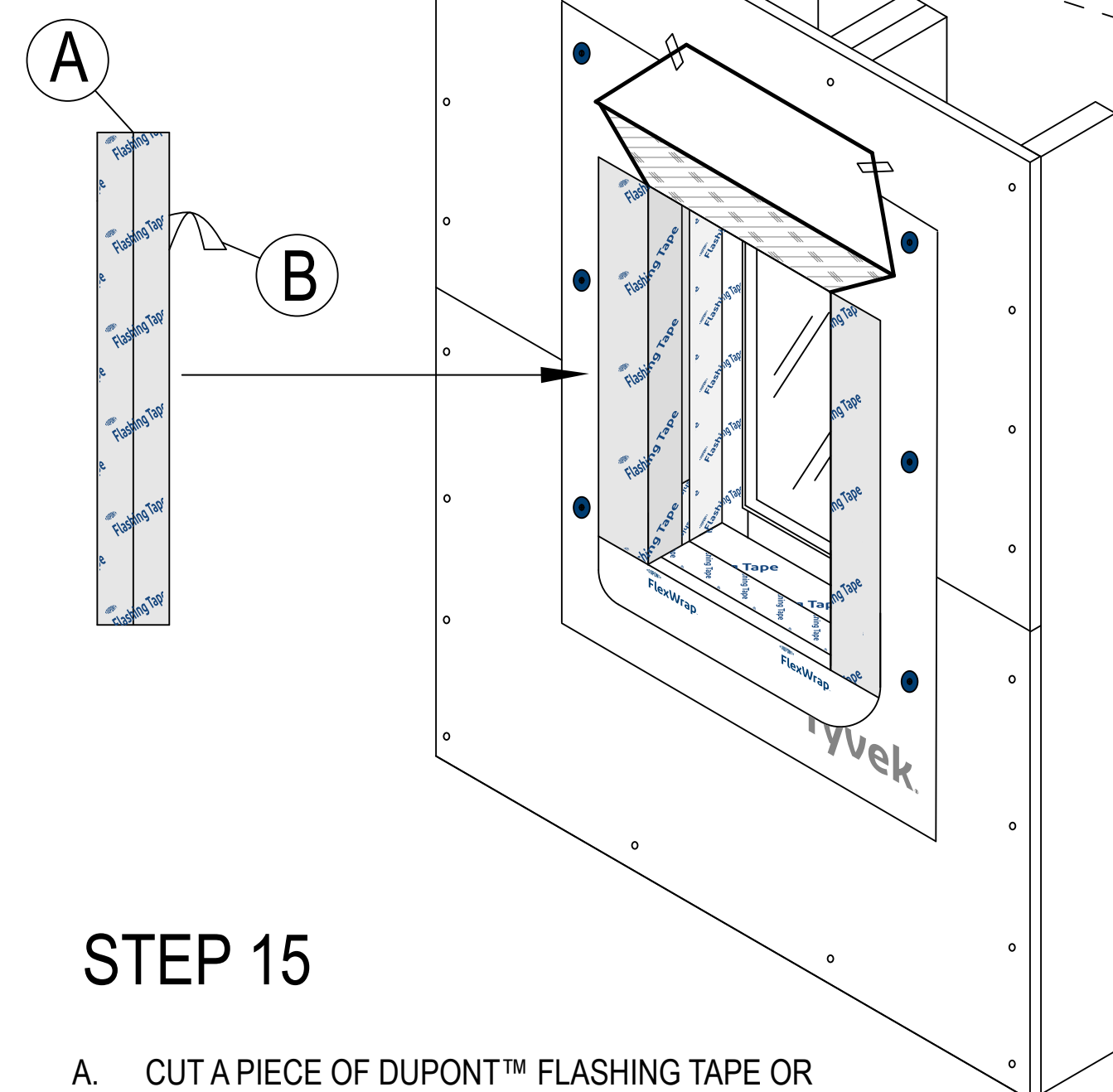
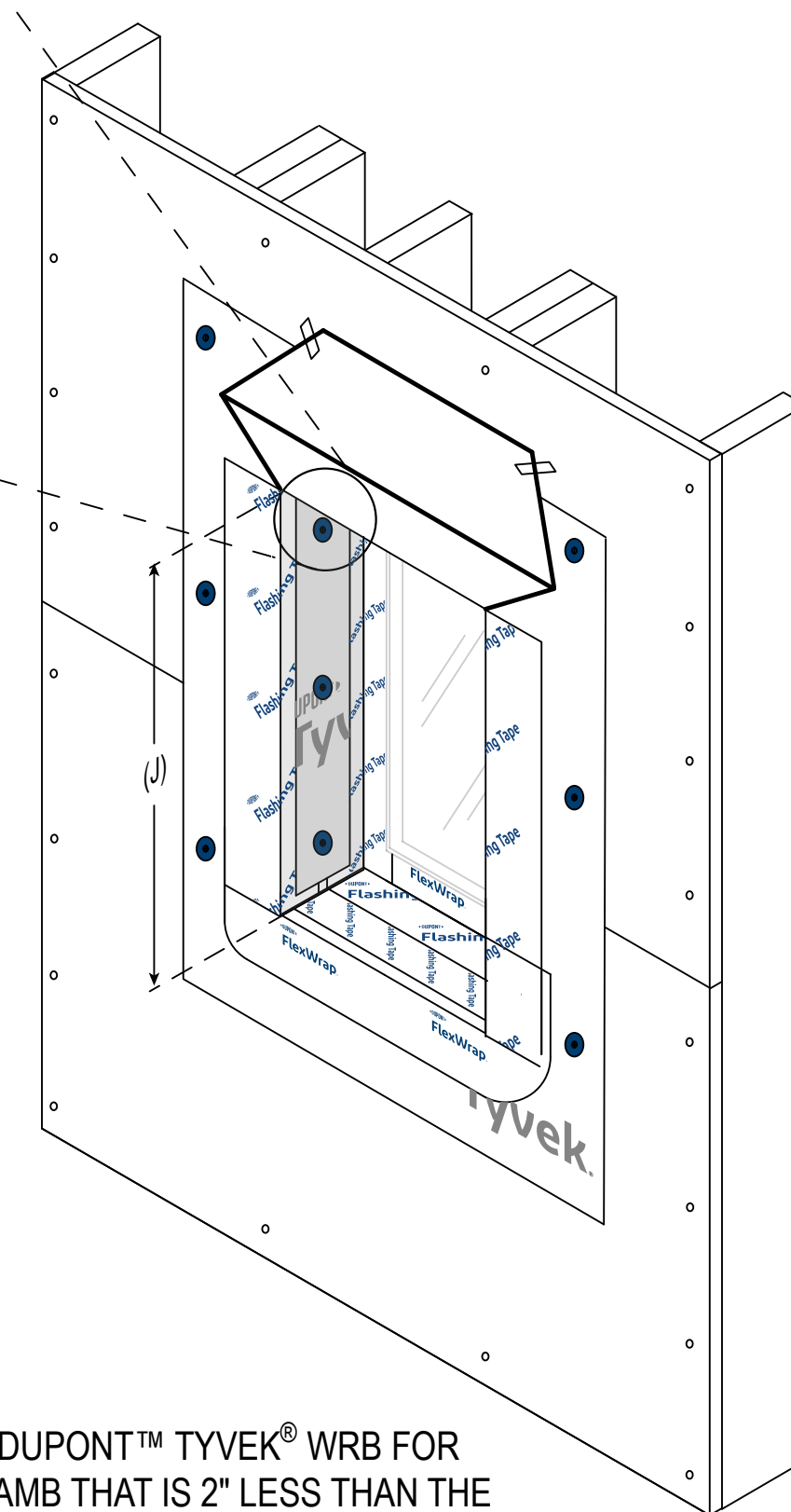
STEP 17

- INSTALL DUPONT™ FLASHING TAPE OR STRAIGHTFLASH™ ALONG THE BOTTOM OF THE TYVEK® WRB INSIDE THE RECESS.
- SEAL VERTICAL EDGES OF THE TYVEK® WRB PIECE USING TYVEK® TAPE.
- REPEAT STEPS A AND B ON THE OPPOSITE SIDE.



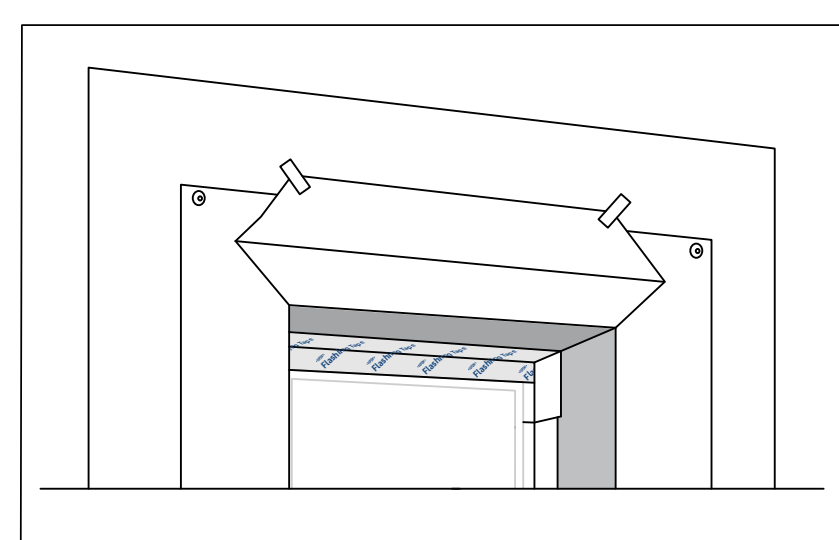
STEP 16

- CUT A PIECE OF DUPONT™ TYVEK® WRB FOR EACH RECESS JAMB THAT IS 2" LESS THAN THE HEIGHT (J) AND THE DEPTH OF THE ROUGH OPENING. **NOTE:** THESE DIMENSIONS WILL NEED TO BE ADJUSTED ACCORDINGLY TO ACCOMMODATE THE SLOPE OF THE RECESS SILL.
- ALIGN THE FIRST PIECE OF TYVEK® WRB WITH THE TOP OF RECESS AND CENTERED ON THE VERTICAL WALL. **DO NOT FASTEN** WITHIN 3" OF VERTICAL AND HORIZONTAL EDGES SO TYVEK® WRB PATCH CAN BE SEALED TO FLASHING USING DUPONT™ TYVEK® TAPE WITHOUT FASTENER INTERFERENCE.



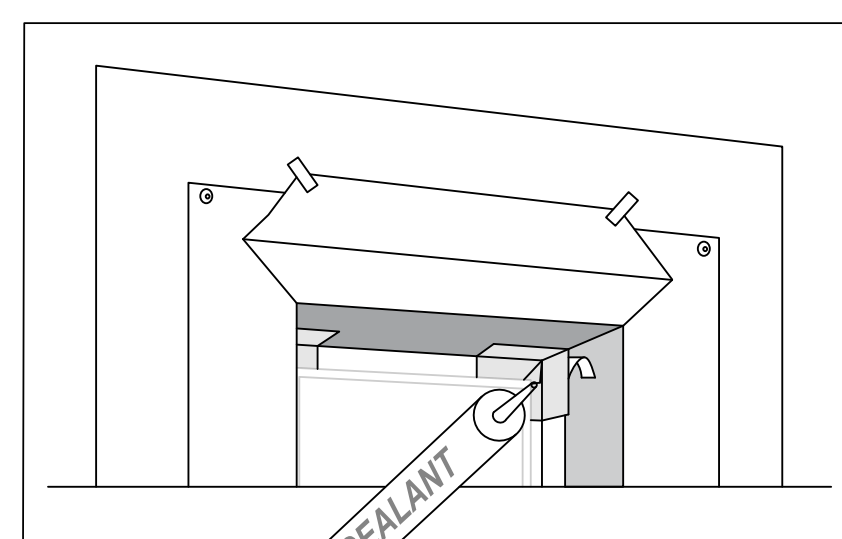
STEP 15

- CUT A PIECE OF DUPONT™ FLASHING TAPE OR STRAIGHTFLASH™ THE LENGTH OF THE JAMB ROUGH OPENING AND FOLD LENGTHWISE CREATING A SHARP CREASE IN THE RELEASE PAPER.
- REMOVE ONE PIECE OF RELEASE PAPER BY TEARING ALONG THE CREASE, BUT **DO NOT CUT** RELEASE PAPER WITH SHARP OBJECT AS THIS COULD RESULT IN DAMAGE TO BUTYL AND COMPROMISE PROTECTION PROVIDED BY THE DUPONT™ FLASHING TAPE/STRAIGHTFLASH™.
- ADHERE EXPOSED BUTYL ONTO FACE OF WALL SO CREASE IS ALIGNED WITH EDGE OF OUTER RECESS ROUGH OPENING.
- REMOVE REMAINING RELEASE PAPER AND ADHERE EXPOSED BUTYL INTO ROUGH OPENING OF RECESS.
- REPEAT STEPS A THROUGH D ON OPPOSITE SIDE.



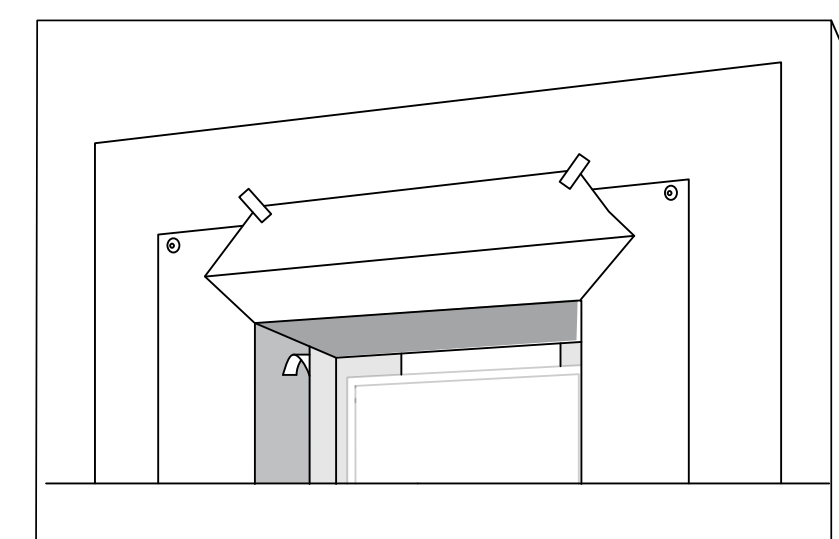
STEP 14

- CUT A PIECE OF DUPONT™ FLASHING TAPE OR STRAIGHTFLASH™ THE LENGTH OF THE INNER HEAD ROUGH OPENING. USE APPROPRIATE WIDTH OF DUPONT™ FLASHING TAPE/STRAIGHTFLASH™ TO OVERLAP WINDOW FLANGE, ADHERE ONTO FACE OF STUD FRAME, AND EXTEND A MIN. OF 2" ONTO CEILING OF RECESS.
- FOLD LENGTHWISE TO CREATE A SHARP CREASE IN THE RELEASE PAPER THAT IS ALIGNED WITH THE INTERSECTION OF THE FACE OF THE STUD FRAMING AND CEILING OF RECESS.
- REMOVE RELEASE PAPER BY TEARING ALONG THE FOLD TO EXPOSE BUTYL FOR INSTALLATION ONTO THE WINDOW FLANGE AND FACE OF STUD FRAMING. **DO NOT CUT** RELEASE PAPER WITH SHARP OBJECT AS THIS COULD RESULT IN DAMAGE TO BUTYL AND COMPROMISE PROTECTION PROVIDED BY THE DUPONT™ FLASHING TAPE/STRAIGHTFLASH™.
- ADHERE ONTO WINDOW FLANGE AND TIGHTLY INTO CORNER OF INTERSECTION BETWEEN FACE OF STUD FRAMING AND CEILING OF RECESS.
- REMOVE REMAINING RELEASE PAPER AND ADHERE ONTO CEILING OF RECESS.



STEP 13

- INSTALL FLEXWRAP™ RECESSED WINDOW CORNERS INTO THE UPPER CORNER OF THE WINDOW ROUGH OPENING WITH EXPOSED BUTYL ADHERED ONTO THE WINDOW FLANGES IN A SIMILAR MANNER USED FOR LOWER CORNER PIECES (SEE STEP 5).
- REMOVE REMAINING RELEASE PAPER AND ADHERE EXPOSED BUTYL ONTO HEAD AND JAMB WALLS OF THE RECESS.
- APPLY A BEAD OF A CHEMICALLY-COMPATIBLE SEALANT INSIDE THE CORNER FLAP BEHIND THE LOOSE TRIANGULAR FLAP OF THE CORNER PIECE.
- REPEAT STEPS A THROUGH C FOR OPPOSITE CORNER.



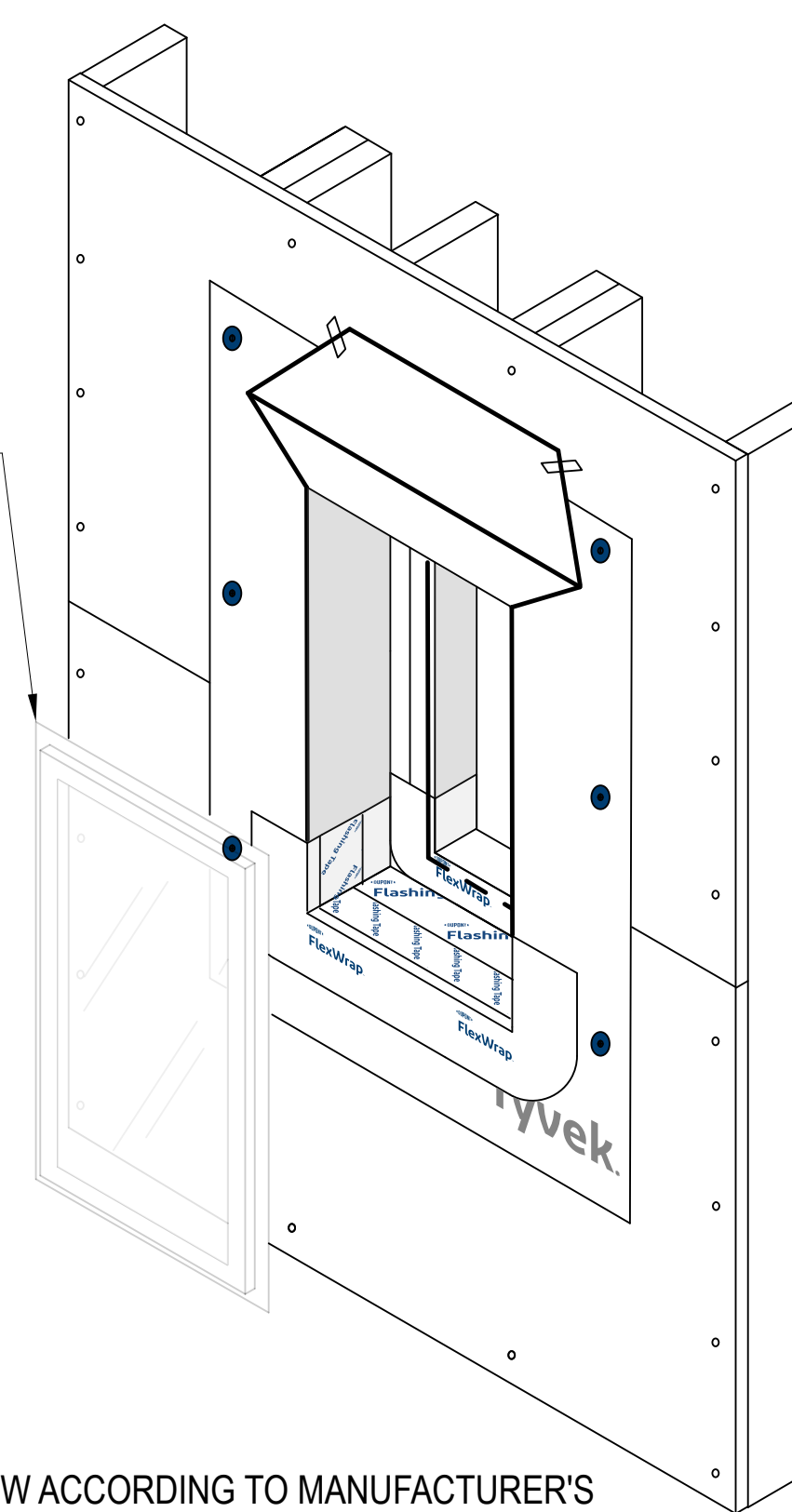
STEP 12

- CUT A PIECE OF DUPONT™ FLASHING TAPE OR DUPONT™ STRAIGHTFLASH™ THE LENGTH OF THE OUTER JAMB.
- FOLD LENGTHWISE TO CREATE A SHARP CREASE IN THE RELEASE PAPER ALIGNED WITH THE INTERSECTION OF THE FACE OF THE STUD FRAMING AND THE JAMB WALL OF THE RECESS.
- REMOVE THE FIRST PIECE OF RELEASE PAPER TO EXPOSE THE BUTYL THAT WILL BE INSTALLED ONTO THE WINDOW FLANGE BY TEARING ALONG THE CREASE. **DO NOT CUT** RELEASE PAPER WITH SHARP OBJECT AS THIS COULD RESULT IN DAMAGE TO THE BUTYL AND COMPROMISE THE PROTECTION PROVIDED BY THE DUPONT™ FLASHING TAPE/STRAIGHTFLASH™.
- STARTING AT THE TOP CORNER OF WINDOW, ADHERE EXPOSED BUTYL ADHESIVE ONTO WINDOW FLANGE.
- ONCE BUTYL IS ADHERED TO THE WINDOW FLANGE, REMOVE THE REMAINING RELEASE PAPER.
- REPEAT STEPS A THROUGH E FOR OPPOSITE JAMB.

WINDOW TO BE
INSTALLED

STEP 11

- INSTALL WINDOW ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.



NOTES:
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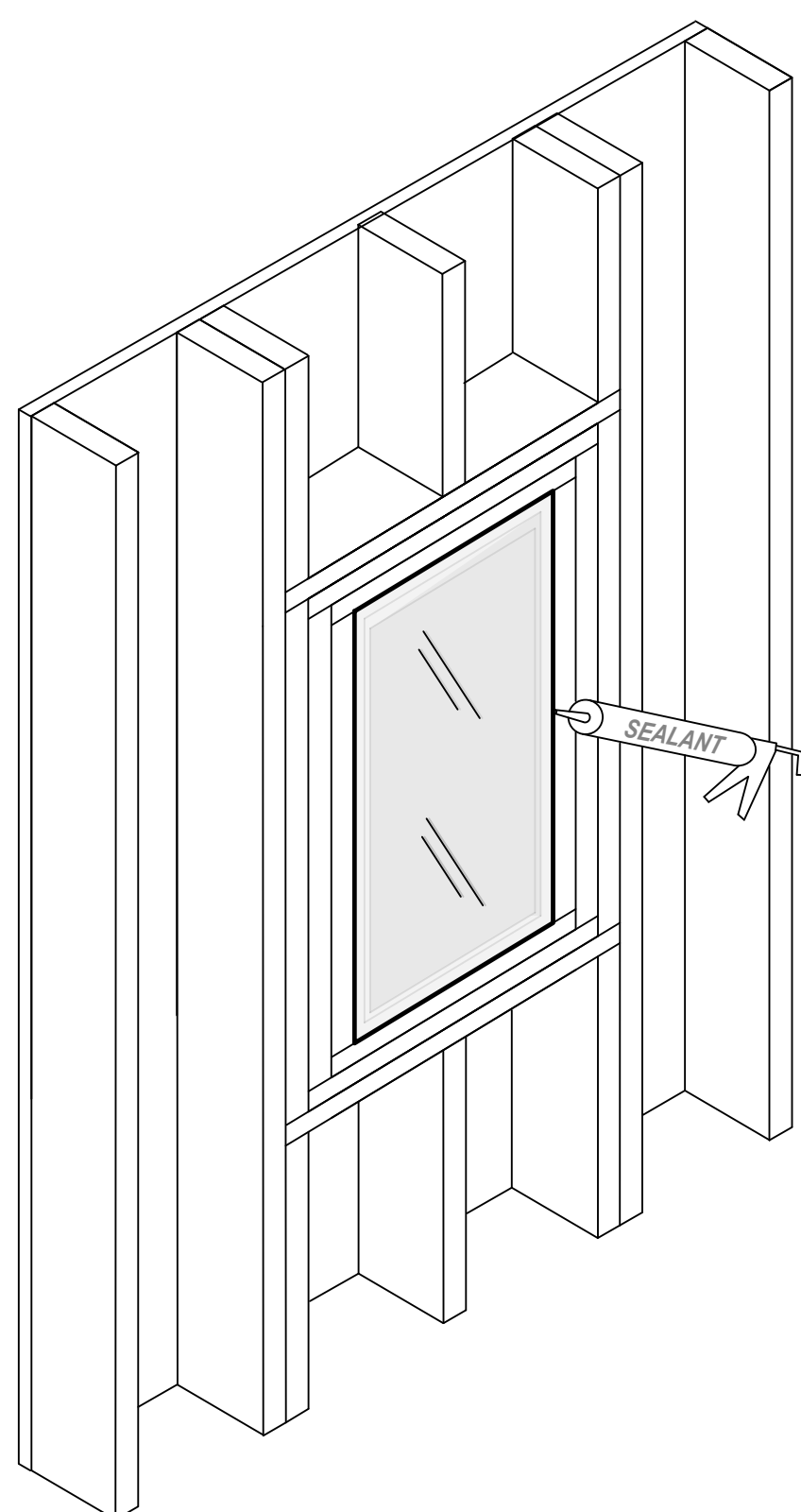
INSTALLATION FOR RECESSED WINDOW CONDITIONS WHERE
DEPTH OF RECESS IS GREATER THAN 1/2 THE WIDTH OF RECESS
(METHOD 2)

Integral Flanged Window
with Deep (Greater than 4")
Recessed Opening
Installed BEFORE
the DuPont™ Tyvek® WRB
Installation Sequence
Method 2

DRAWING:
MF-OP-2180.2-MA
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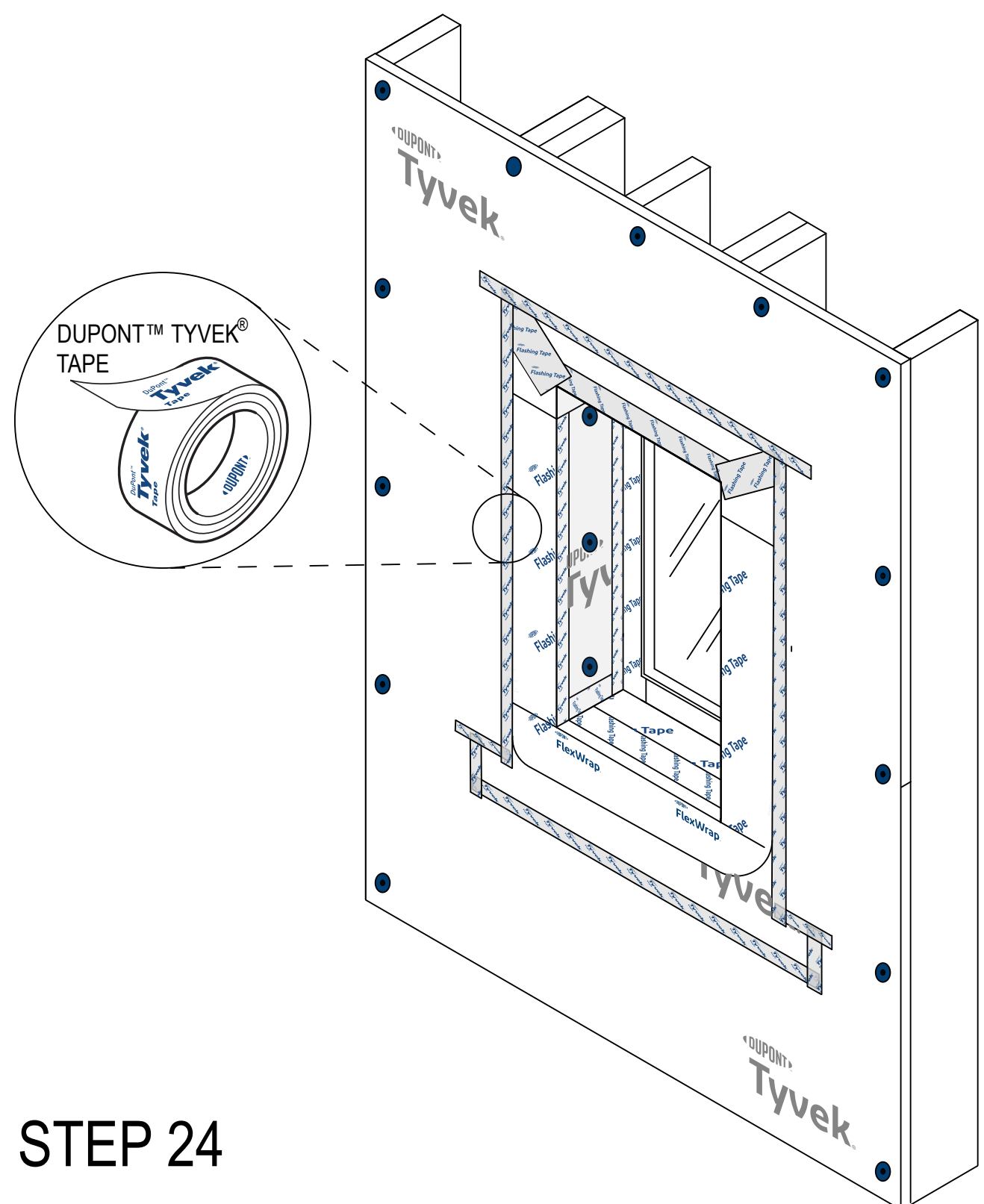
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Tyvek



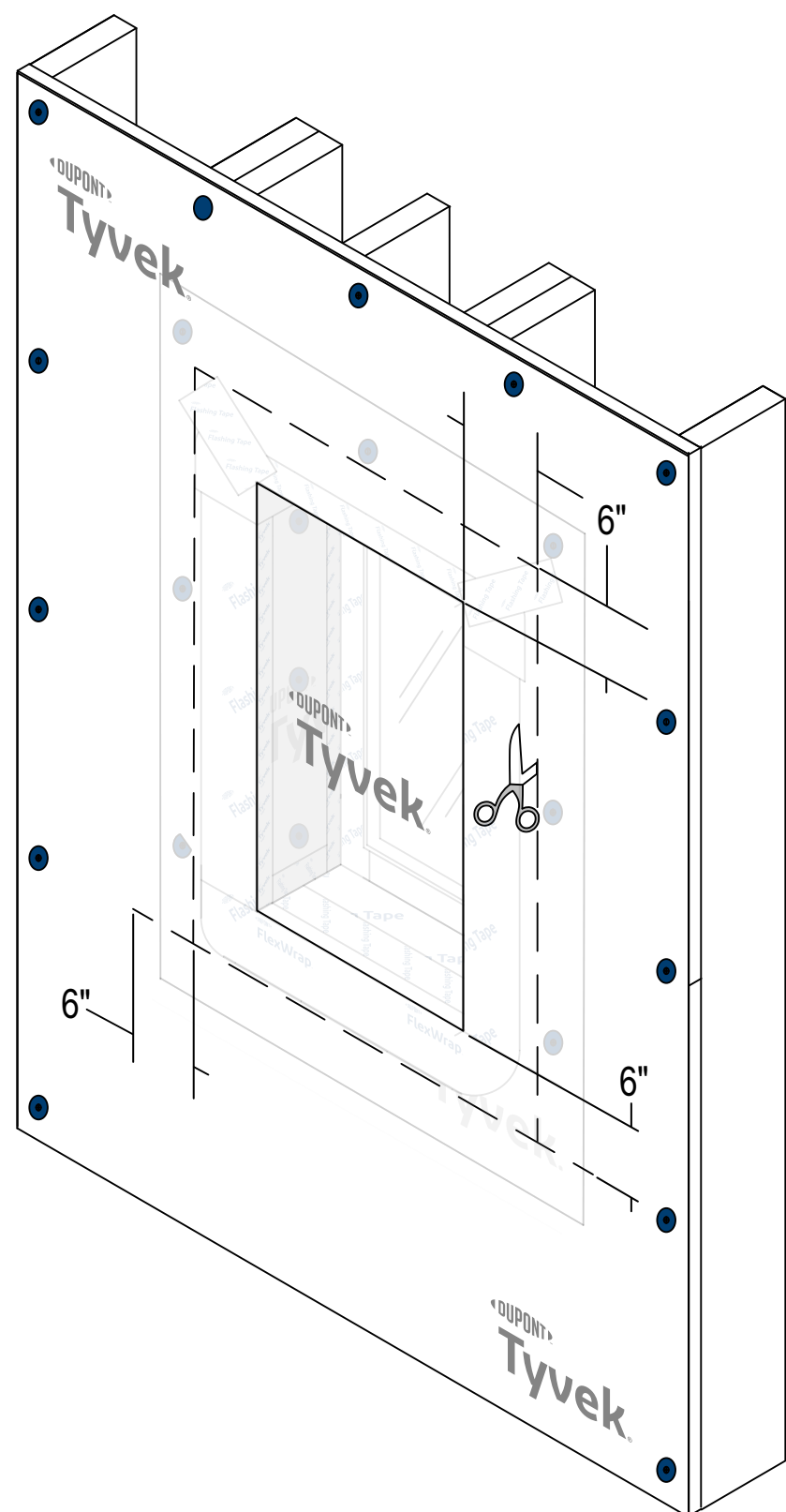
STEP 25

- A. APPLY A CHEMICALLY-COMPATIBLE SEALANT (AND BACKER ROD AS NECESSARY) AROUND THE WINDOW OPENING AT THE INTERIOR. IT IS ALSO ACCEPTABLE TO USE GREAT STUFF PRO™ WINDOW AND DOOR POLYURETHANE FOAM SEALANT, OR A CHEMICALLY-COMPATIBLE FOAM.



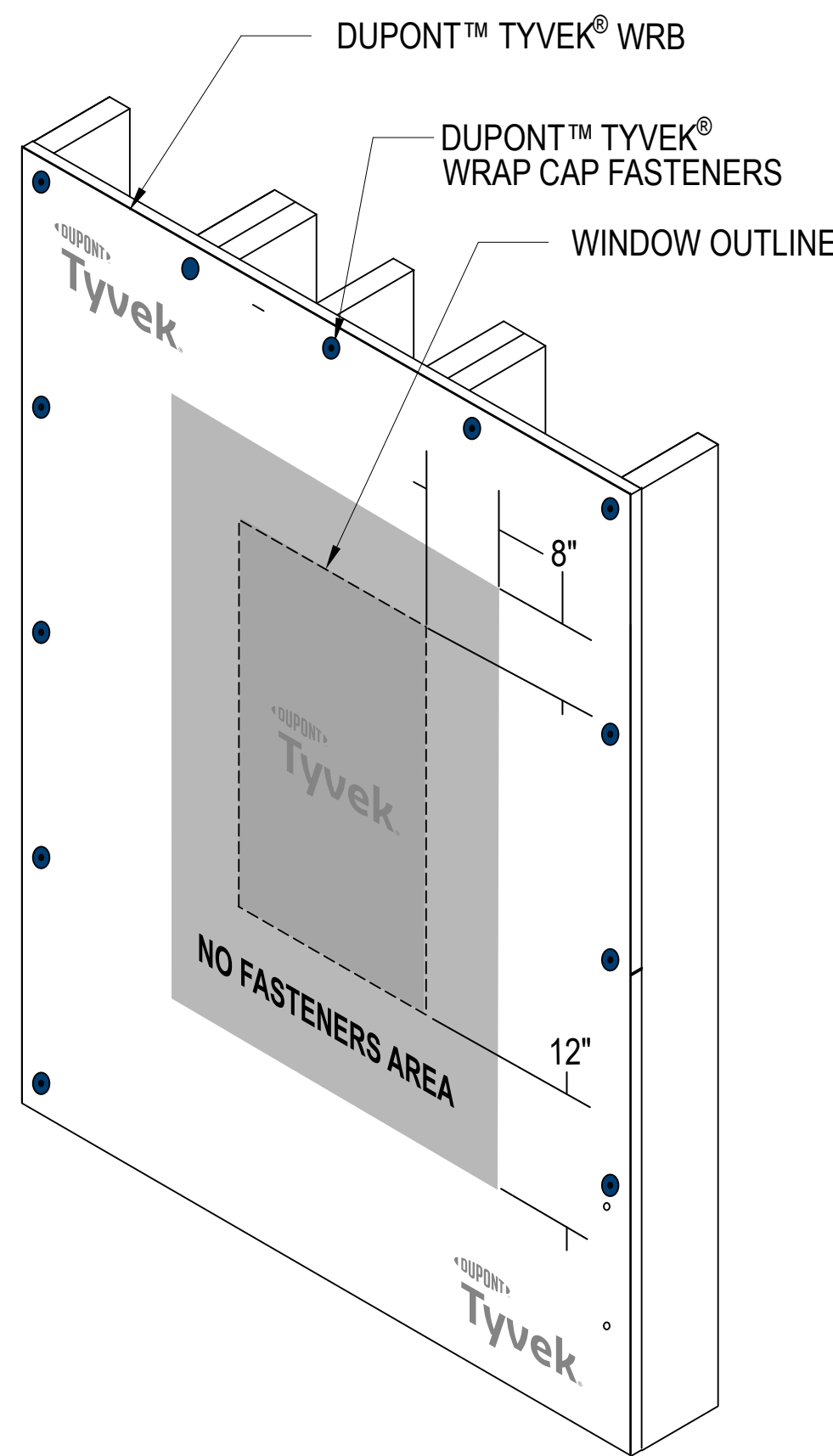
STEP 24

- A. BRING THE BOTTOM PORTION OF THE TYVEK® WRB APRON THROUGH THE SILL PERIMETER CUT AND HORIZONTAL SLITS SO IT LAPS OVER THE TOP LAYER OF THE TYVEK® WRB.
B. WORKING FROM BOTTOM TO TOP, SECURE HORIZONTAL AND VERTICAL SEAMS OF THE TYVEK® WRB APRON WITH DUPONT™ TYVEK® TAPE.
C. APPLY TYVEK® TAPE ALONG JAMBS AND HEAD TO SEAL THE TYVEK® WRB AROUND WINDOW. DUPONT™ FLASHING TAPE OR STRAIGHTFLASH™ CAN BE USED FOR A MORE ROBUST TERMINATION.



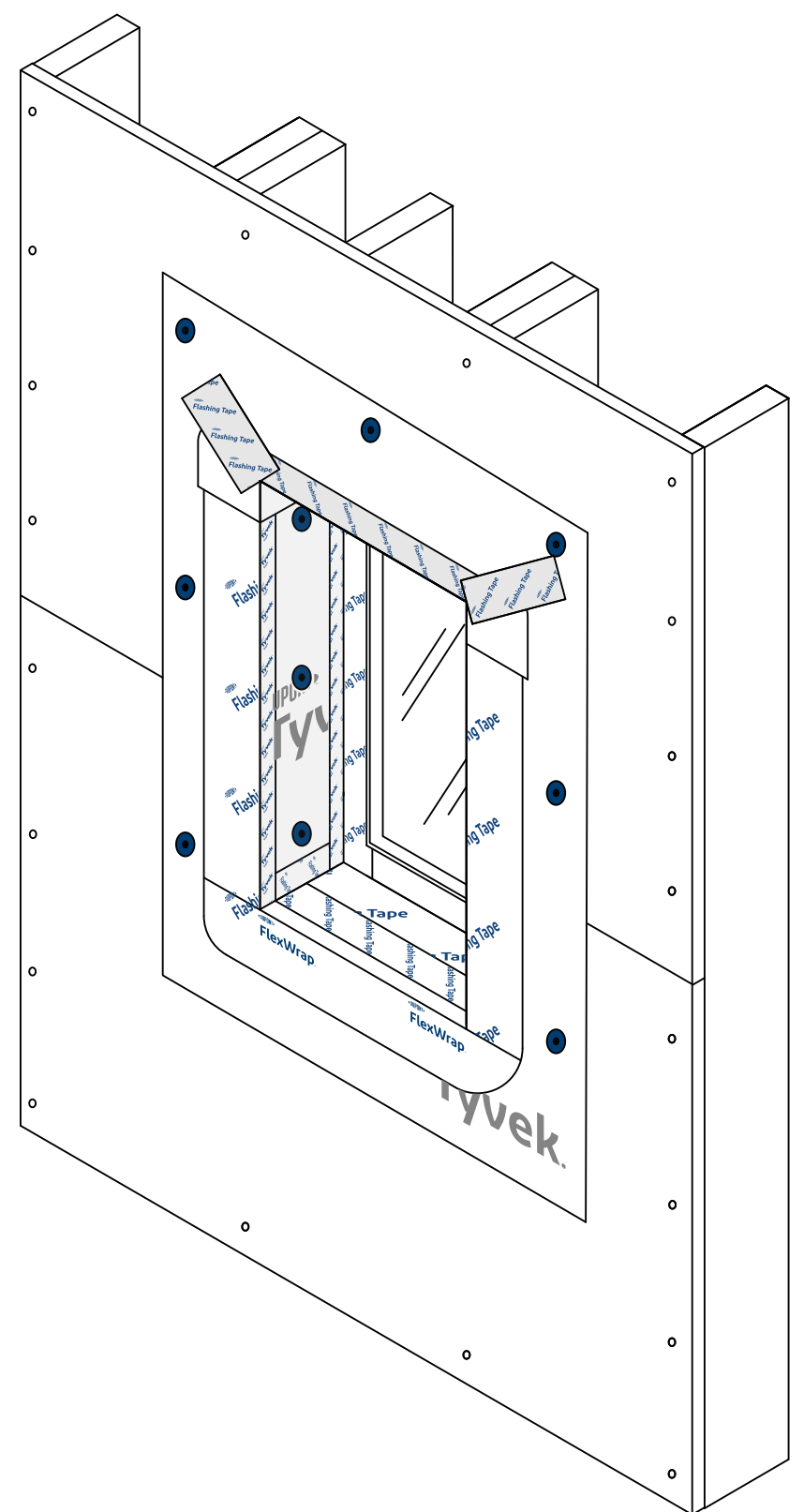
STEP 23

- A. MARK A BOX 6" AWAY FROM THE ROUGH OPENING SILL, JAMBS, AND HEAD.
B. CUT THE TYVEK® WRB ALONG PERIMETER MARKING TO EXPOSE THE WINDOW AND TYVEK® WRB FRAME BELOW. **DO NOT CUT** THROUGH THE TYVEK® WRB OR FLASHING OR UNDERNEATH.
C. CREATE 6" HORIZONTAL SLITS IN THE TYVEK® WRB AT EACH LOWER CORNER OF THE PERIMETER CUT.



STEP 22

- A. DUPONT™ TYVEK® WRB TO BE MECHANICALLY FASTENED AND INSTALLED OVER SHEATHING.
B. **DO NOT INSTALL** INSTALL FASTENERS WITHIN 8" OF ROUGH OPENING ALONG JAMBS AND HEAD AND WITHIN 12" ALONG THE SILL.



STEP 21

- A. CONTINUOUSLY SEAL THE HORIZONTAL AND DIAGONAL SEAMS OF THE TYVEK® WRB HEAD FLAP WITH DUPONT™ FLASHING TAPE OR DUPONT™ STRAIGHTFLASH™. INSTALL FASTENERS AS NEEDED THROUGH FLASHING FOR INCREASED HOLDING POWER.
B. SKIP SEALING WITH A MAXIMUM OF TWO (2) GAPS FOR EVERY 3' OF WINDOW IS ACCEPTABLE FOR ADDITIONAL DRAINAGE IF AN AIR BARRIER IS NOT REQUIRED.

NOTES:
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Integral Flanged Window
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Installed BEFORE
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Installation Sequence
Method 2

DRAWING:
MF-OP-2180.2-MA
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DUPONT
Tyvek