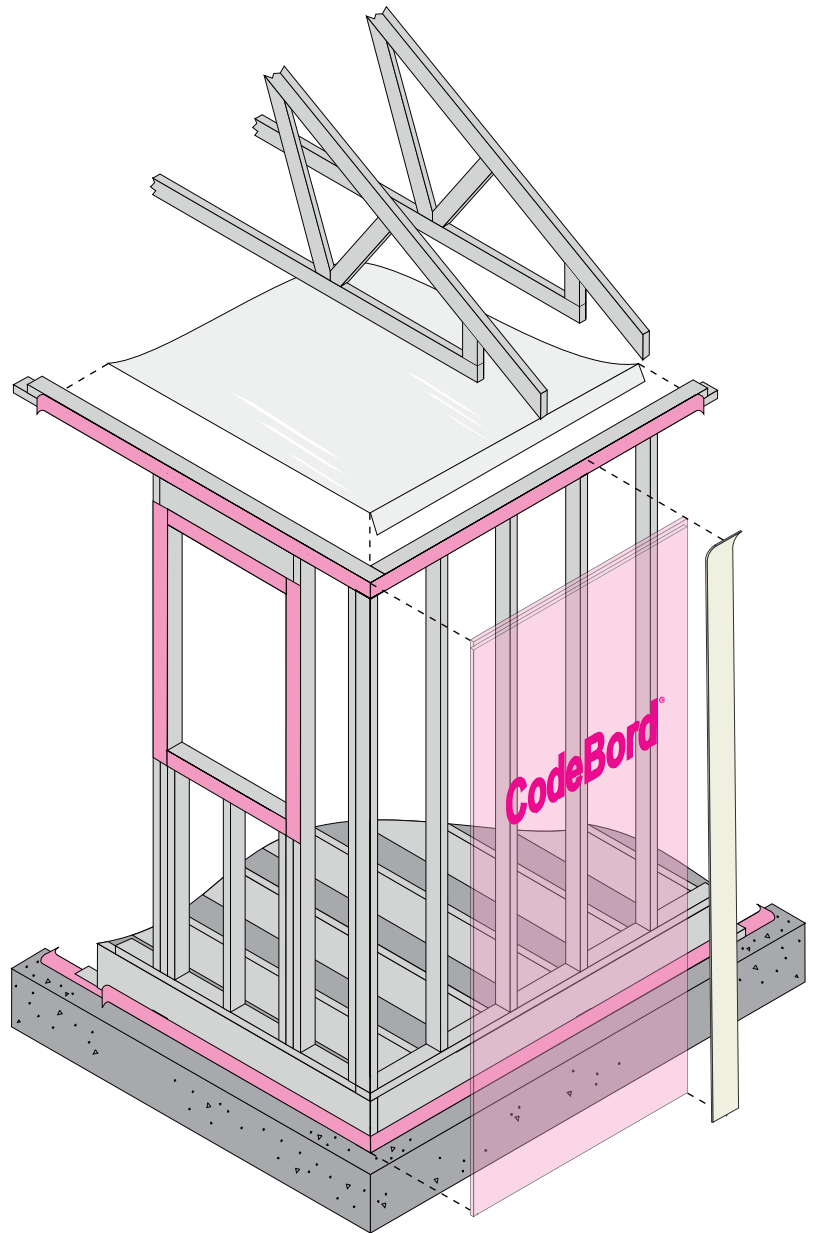


FOAMULAR® NGX™ CODEBORD® AIR BARRIER SYSTEM



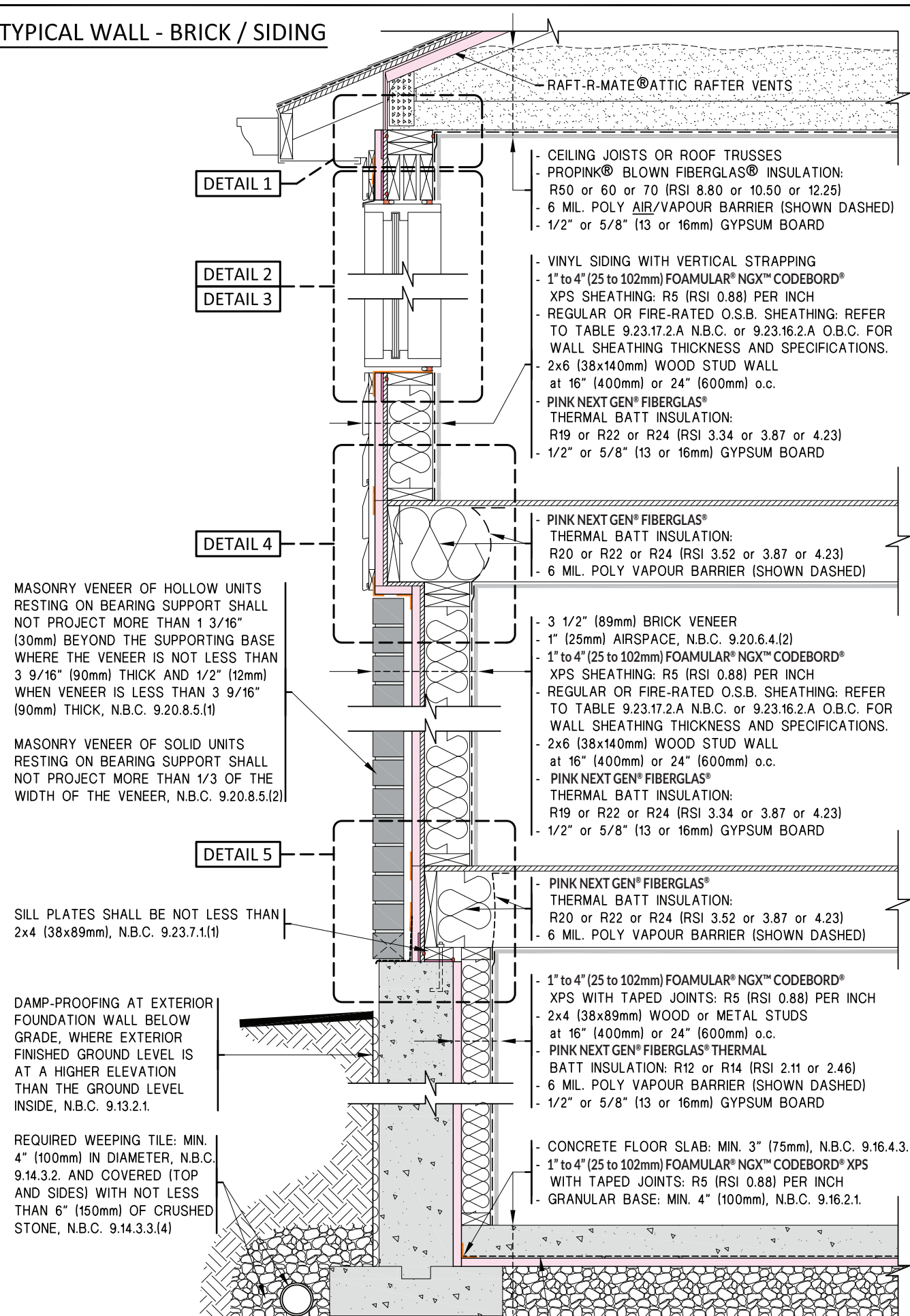
SYSTEM BENEFITS:

- › Primary air barrier placed on the exterior of the building envelope
- › Delivers air tightness levels of 1.5 ACH at the framing stage and less than 1.0 ACH at the pre-delivery stage
- › Insulates the exterior of the building envelope, which prevents thermal bridging from occurring and increases effective R-value of the wall assembly
- › Helps keep the wall cavity warm which significantly reduces the risk of condensation
- › FOAMULAR® NGX™ CodeBord® is an effective weather barrier, no need for house wraps



The Ultimate **PINK**® Thermal Wall

TYPICAL WALL - BRICK / SIDING



MASONRY VENEER OF HOLLOW UNITS RESTING ON BEARING SUPPORT SHALL NOT PROJECT MORE THAN 1 3/16" (30mm) BEYOND THE SUPPORTING BASE WHERE THE VENEER IS NOT LESS THAN 3 9/16" (90mm) THICK AND 1/2" (12mm) WHEN VENEER IS LESS THAN 3 9/16" (90mm) THICK, N.B.C. 9.20.8.5.(1)

MASONRY VENEER OF SOLID UNITS RESTING ON BEARING SUPPORT SHALL NOT PROJECT MORE THAN 1/3 OF THE WIDTH OF THE VENEER, N.B.C. 9.20.8.5.(2)

SILL PLATES SHALL BE NOT LESS THAN 2x4 (38x89mm), N.B.C. 9.23.7.1.(1)

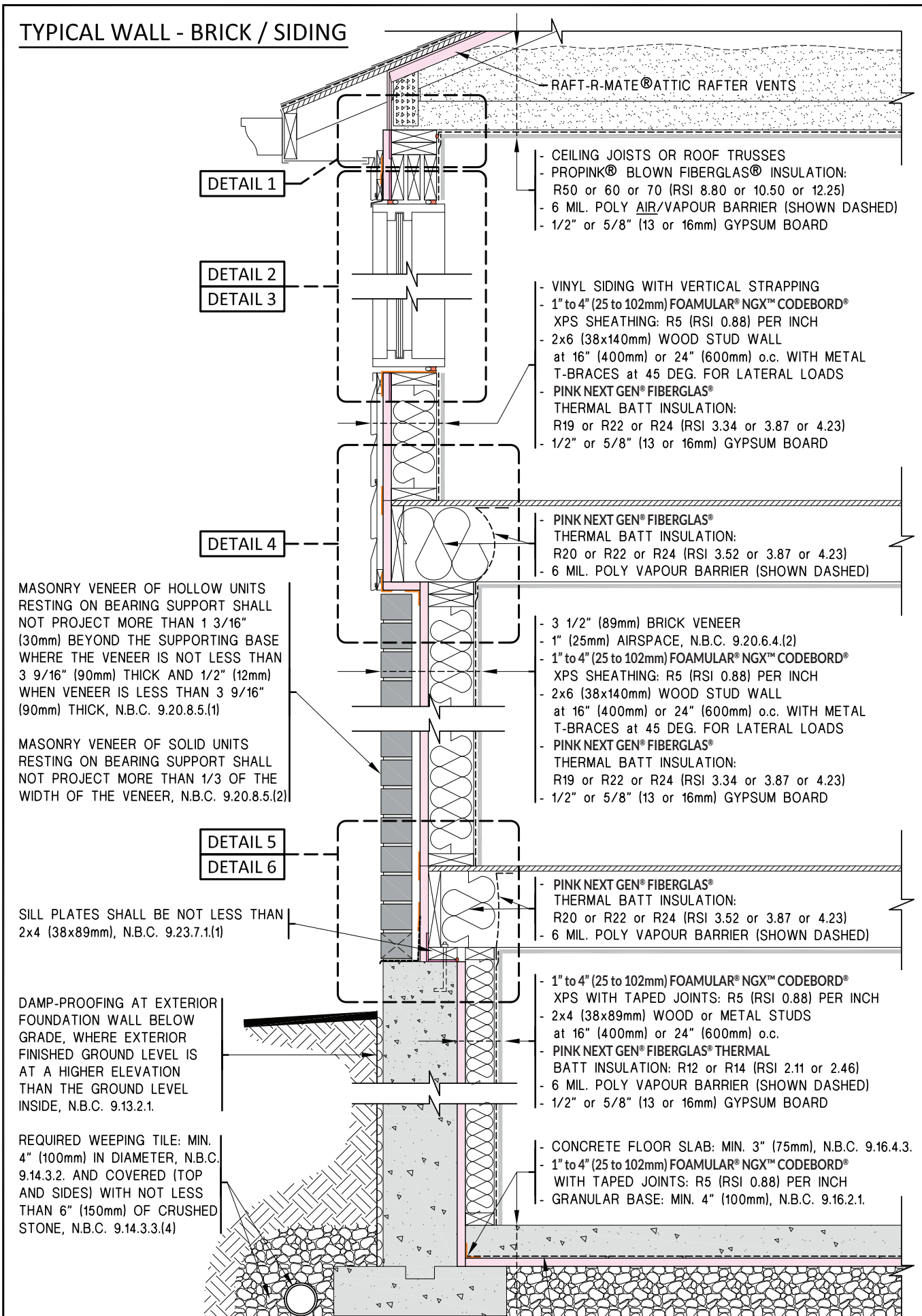
DAMP-PROOFING AT EXTERIOR FOUNDATION WALL BELOW GRADE, WHERE EXTERIOR FINISHED GROUND LEVEL IS AT A HIGHER ELEVATION THAN THE GROUND LEVEL INSIDE, N.B.C. 9.13.2.1.

REQUIRED WEeping TILE: MIN. 4" (100mm) IN DIAMETER, N.B.C. 9.14.3.2. AND COVERED (TOP AND SIDES) WITH NOT LESS THAN 6" (150mm) OF CRUSHED STONE, N.B.C. 9.14.3.3.(4)

HYBRID with OSB:

CONSULT LOCAL BUILDING OFFICIAL REGARDING REQUIREMENT OF POLY VAPOUR BARRIER UNDERNEATH CONCRETE FLOOR SLAB.

TYPICAL WALL - BRICK / SIDING



MASONRY VENEER OF HOLLOW UNITS RESTING ON BEARING SUPPORT SHALL NOT PROJECT MORE THAN 1 3/16" (30mm) BEYOND THE SUPPORTING BASE WHERE THE VENEER IS NOT LESS THAN 3 9/16" (90mm) THICK AND 1/2" (12mm) WHEN VENEER IS LESS THAN 3 9/16" (90mm) THICK, N.B.C. 9.20.8.5.(1)

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SILL PLATES SHALL BE NOT LESS THAN 2x4 (38x89mm), N.B.C. 9.23.7.1.(1)

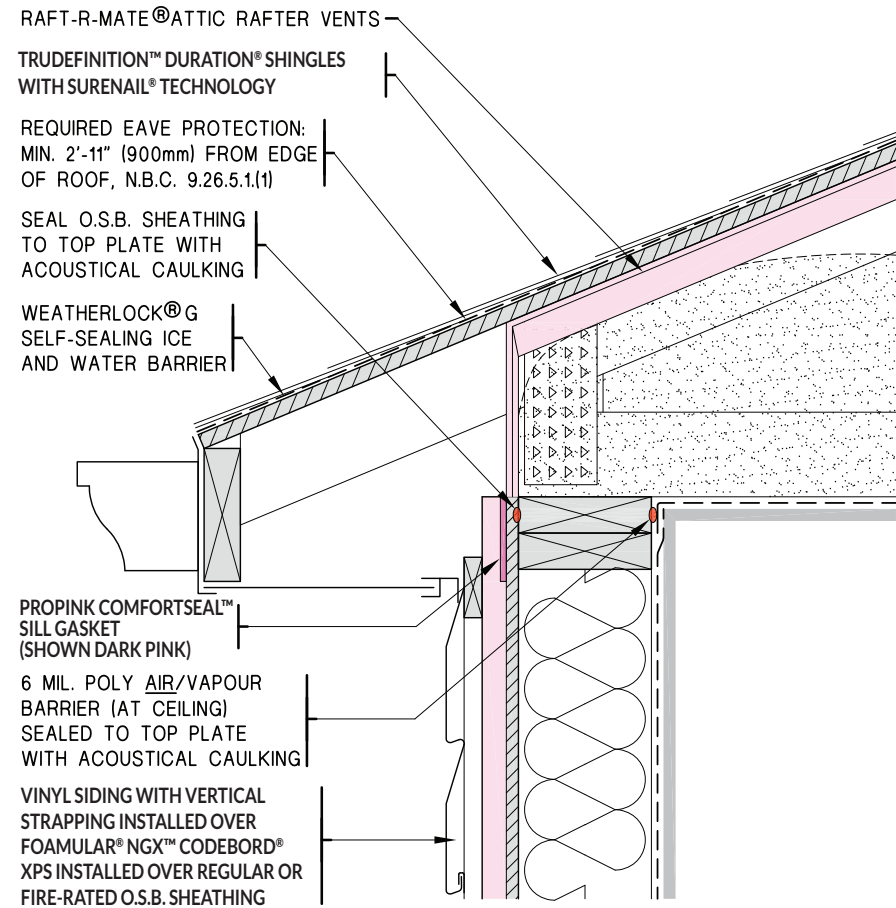
DAMP-PROOFING AT EXTERIOR FOUNDATION WALL BELOW GRADE, WHERE EXTERIOR FINISHED GROUND LEVEL IS AT A HIGHER ELEVATION THAN THE GROUND LEVEL INSIDE, N.B.C. 9.13.2.1.

REQUIRED WEeping TILE: MIN. 4" (100mm) IN DIAMETER, N.B.C. 9.14.3.2. AND COVERED (TOP AND SIDES) WITH NOT LESS THAN 6" (150mm) OF CRUSHED STONE, N.B.C. 9.14.3.3.(4)

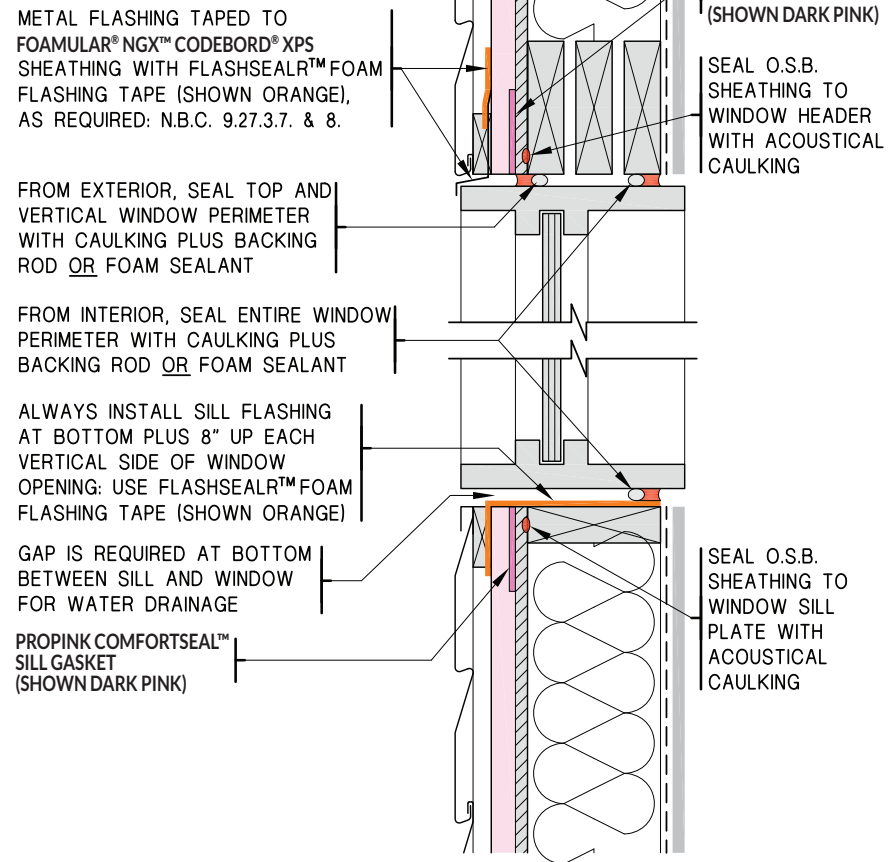
HYBRID:

CONSULT LOCAL BUILDING OFFICIAL REGARDING REQUIREMENT OF POLY VAPOUR BARRIER UNDERNEATH CONCRETE FLOOR SLAB.

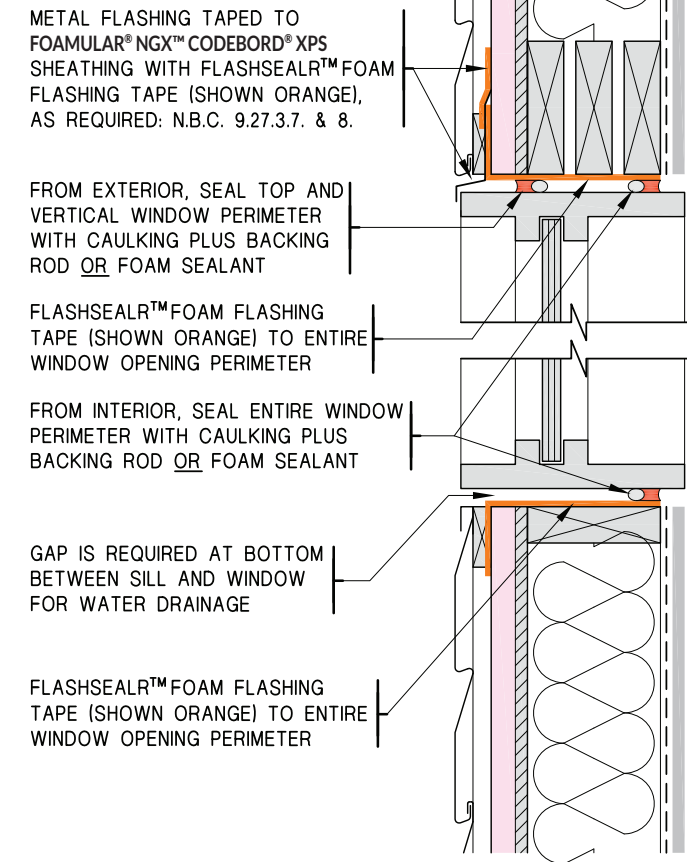
DETAIL 1 (Exterior Wall to Ceiling Connection)



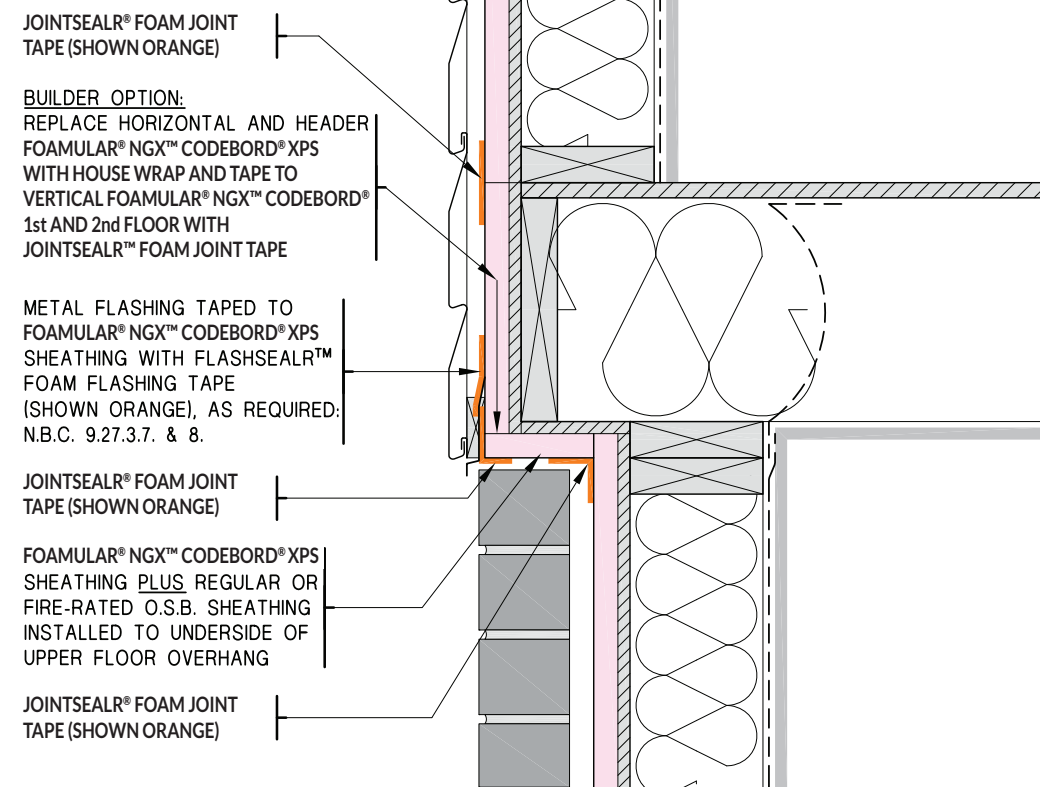
DETAIL 2 (Window 1a)



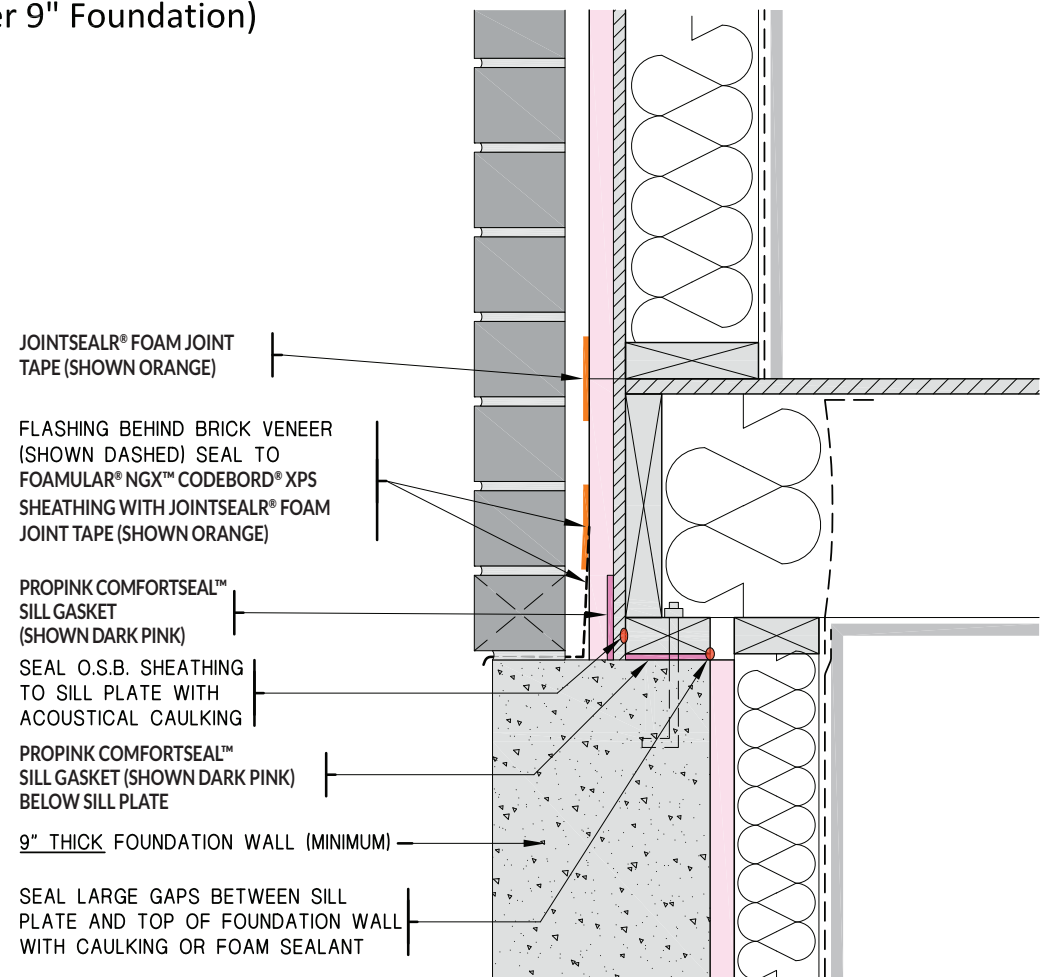
DETAIL 3 (Window 1b)



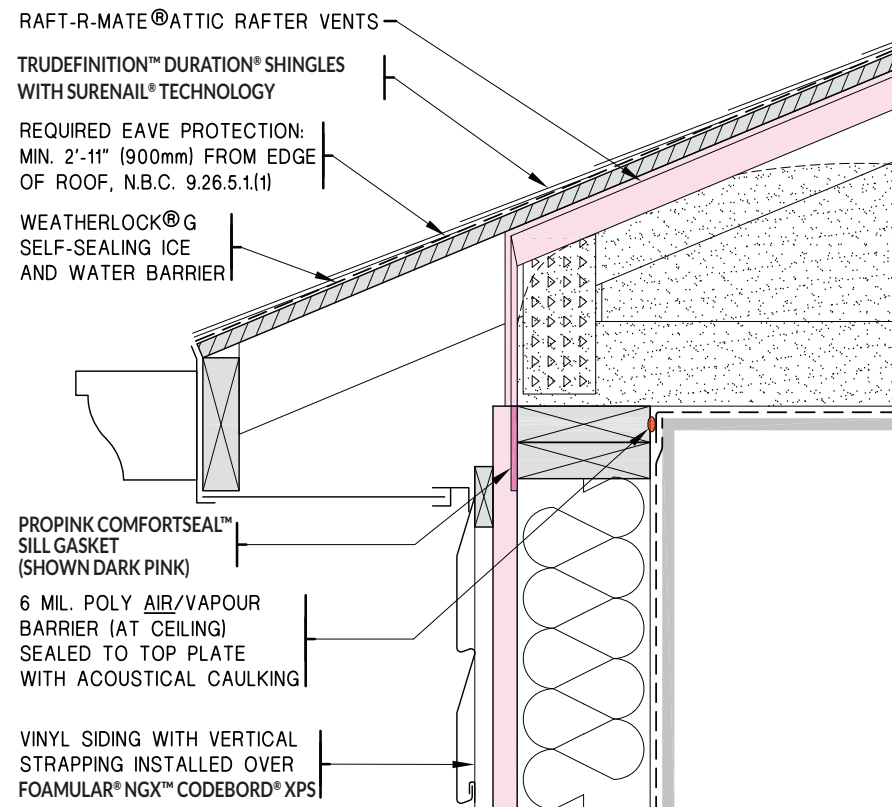
DETAIL 4 (Vinyl to Brick Connection)



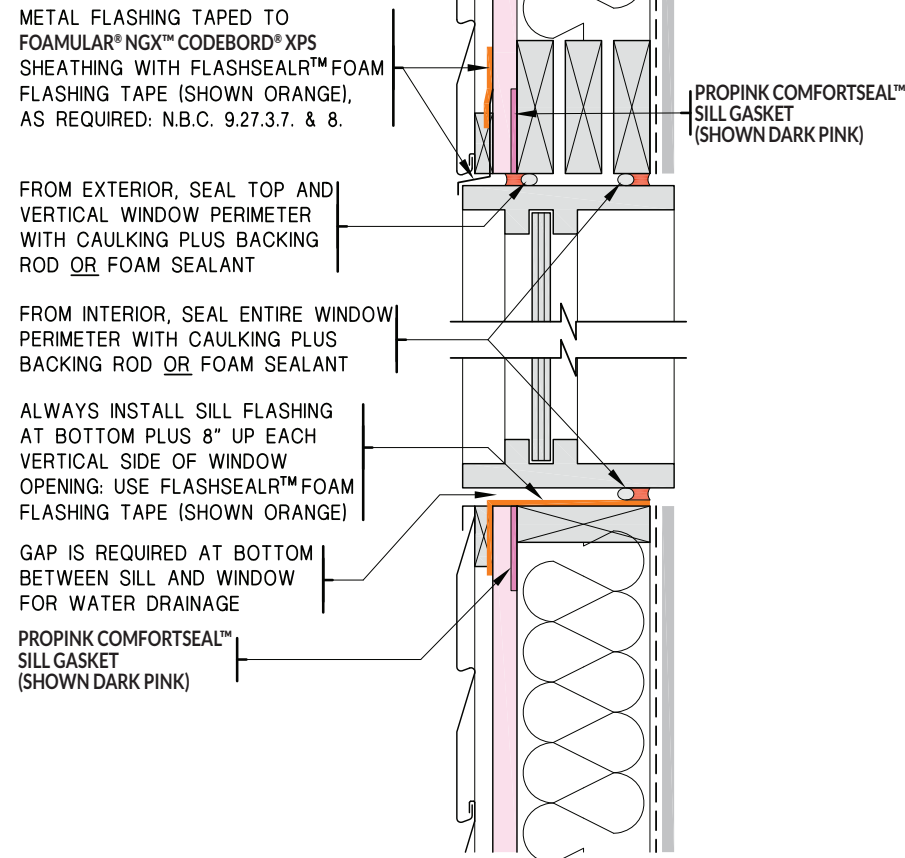
DETAIL 5 (Header 9" Foundation)



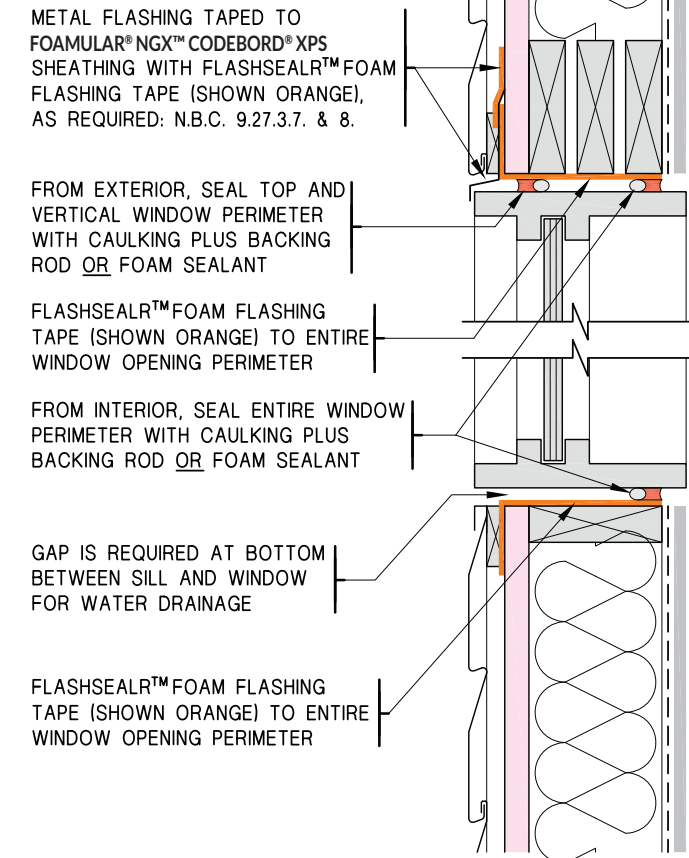
DETAIL 1 (Exterior Wall to Ceiling Connection)



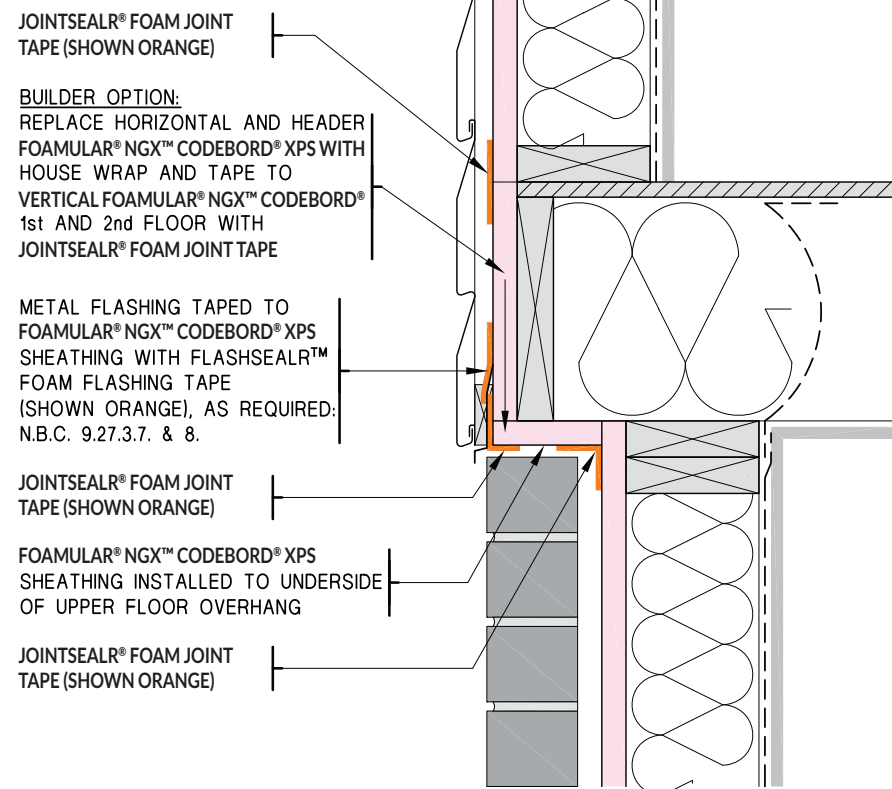
DETAIL 2 (Window 1a)



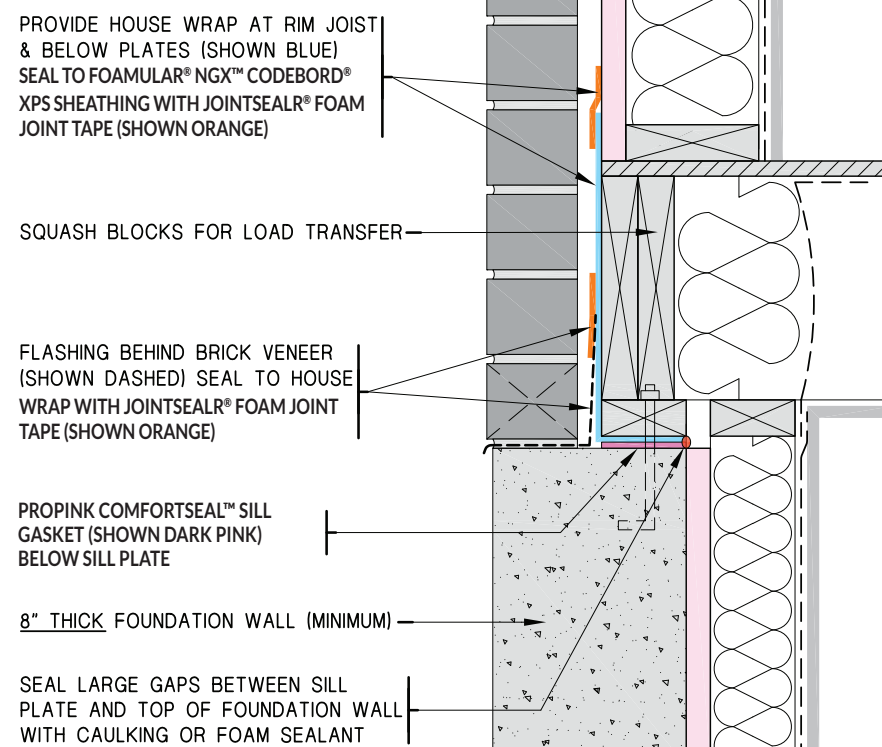
DETAIL 3 (Window 1b)



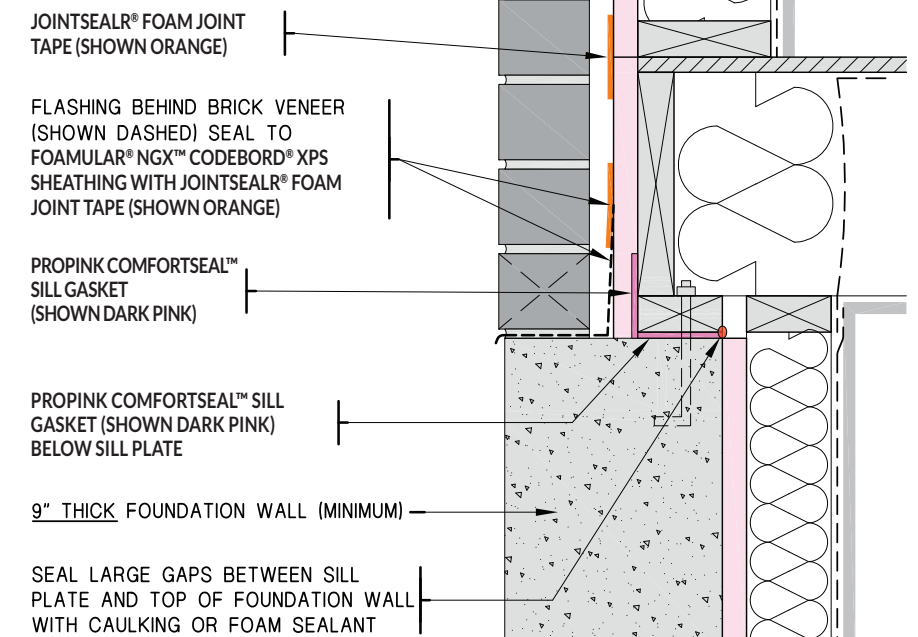
DETAIL 4 (Vinyl to Brick Connection)



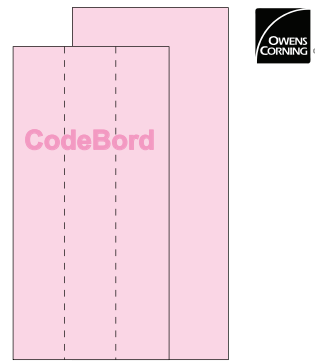
DETAIL 5 (Header 8" Foundation)



DETAIL 6 (Header 9" Foundation)



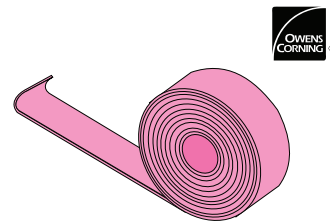
SYSTEM COMPONENTS



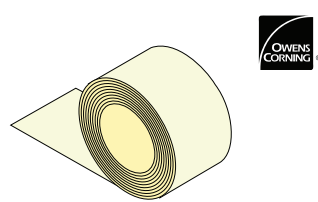
FOAMULAR® NGX™ CodeBord®
Extruded Polystyrene Rigid
Insulation (4' x 8' or 4' x 9')
with shiplap edges



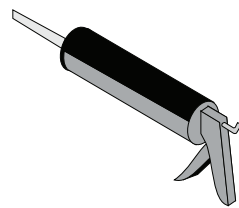
PINK NEXT GEN® FIBERGLAS®
Thermal Batt Insulation
(R-12, R-14, R-19/20,
R-22, or R-24)



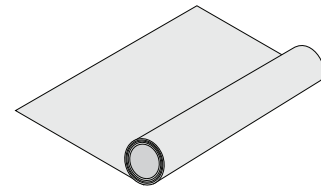
ProPink ComfortSeal™
Polyethylene Sill Gaskets
(3-1/2" or 5-1/2")



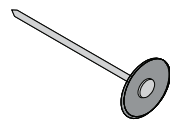
JointSealR® Foam Joint Tape
(3.5" x 90') and FlashSealR™
Foam Flashing Tape
(4", 6" or 9" x 75')



Caulking Sealant



Polyethylene Vapour Barrier
(air barrier for ceiling application)



Nails with Plastic or Metal Washers

**ONE TOUGH
AIR BARRIER SYSTEM
FOR TODAY'S
CODES & BEYOND.**

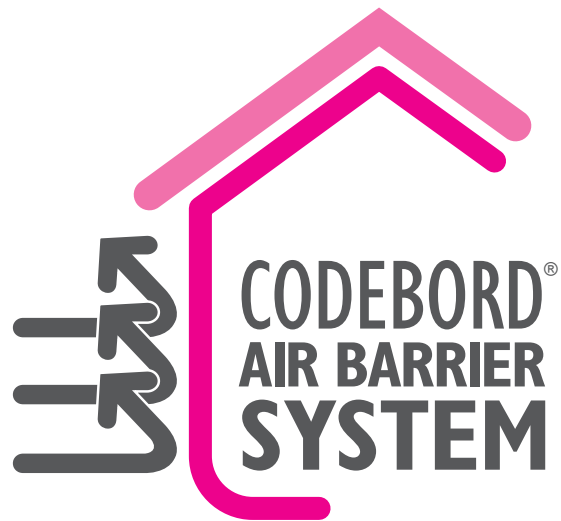
FOAMULAR
CODEBORD®



Owens Corning FOAMULAR® NGX™ CodeBord® Air Barrier System is another innovative solution providing long term energy efficiency performance and comfort for homeowners.
1-800-GET-PINK® or visit owenscorning.ca



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DISCLAIMER

The procedures presented in this manual are intended as a guideline only, to provide a basic understanding of the concepts involved in the proper and effective installation of the Owens Corning® CodeBord® Air Barrier System. It remains the responsibility of the air barrier system installer and/or builder to ensure that all work performed conforms to applicable building code and labour safety regulations governing the construction. While care has been taken to ensure accuracy, and convey proper construction practices, Owens Corning is not making, and specifically disclaims, any recommendations, warranties or guarantees, and further expressly disclaims any and all responsibility for consequential loss, errors or oversights resulting from the information contained herein. Our liability is expressly limited to replacement of defective Owens Corning® goods. Any claim shall be deemed waived unless made to us in writing within thirty(30)daysfromthedatawhenthebasisforitwas,orreasonablyshouldhavebeen,discovered.



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