

Installing a Window with Building Paper on OSB over Wood Frame Wall

Research Report - 0407

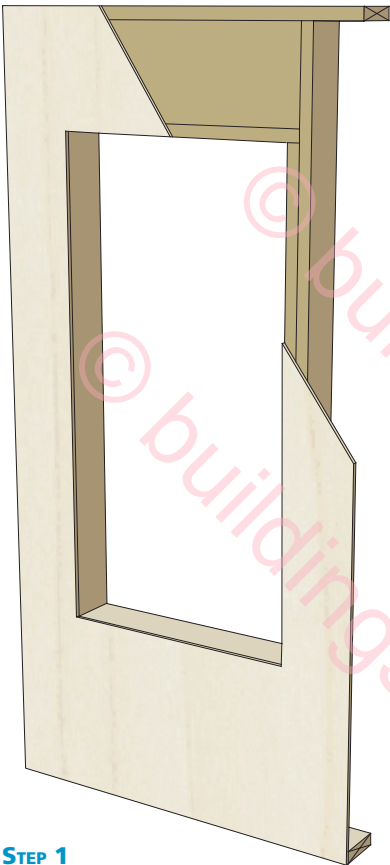
2004-April

Joseph Lstiburek

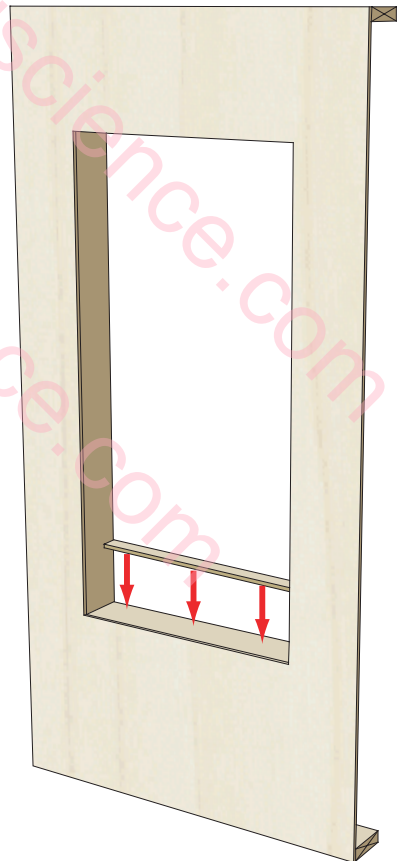
Abstract:

Details on how to install a window using building paper as the drainage plane.

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL

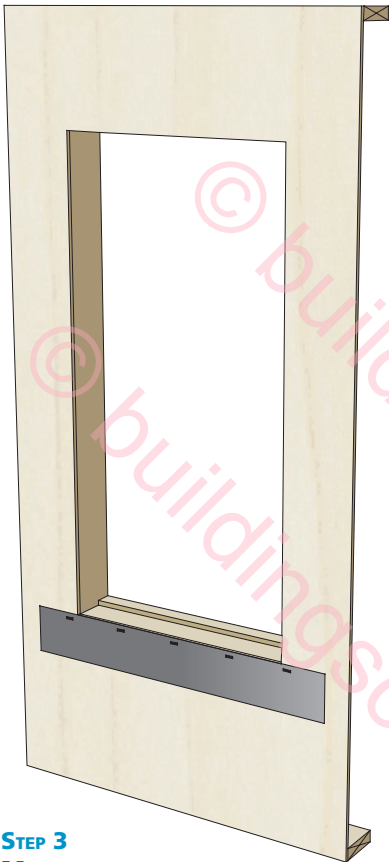


STEP 1
OSB ON WOOD FRAME WALL



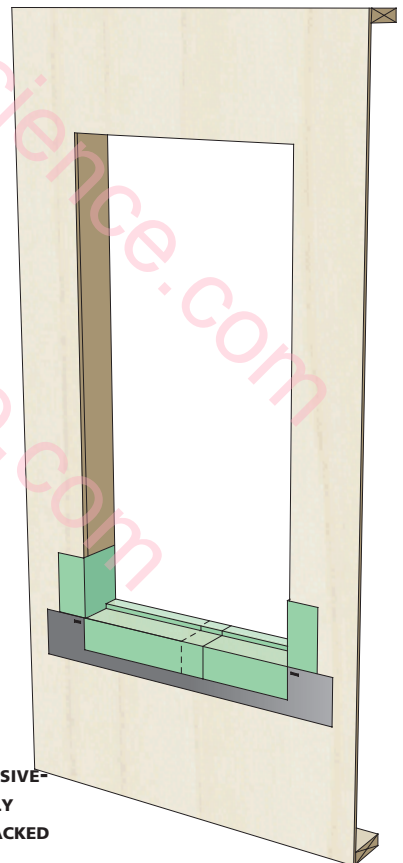
STEP 2
INSTALL WOOD BACKDAM

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL



STEP 3

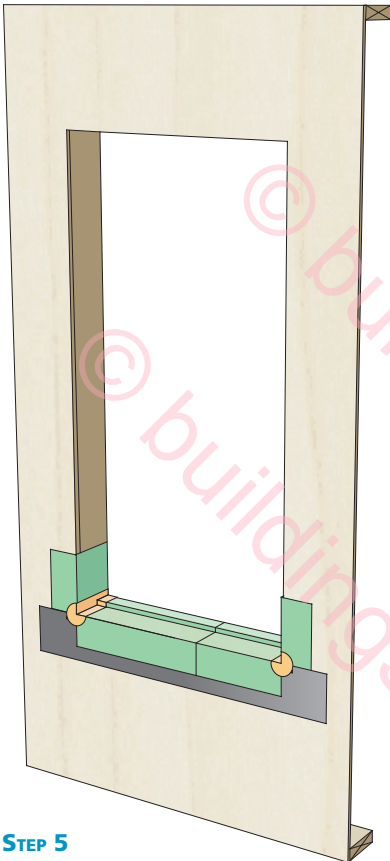
MECHANICALLY ATTACH STRIP OF BUILDING PAPER AT SILL; ATTACH AT TOP ONLY, LEAVE SIDES AND BOTTOM LOOSE



STEP 4

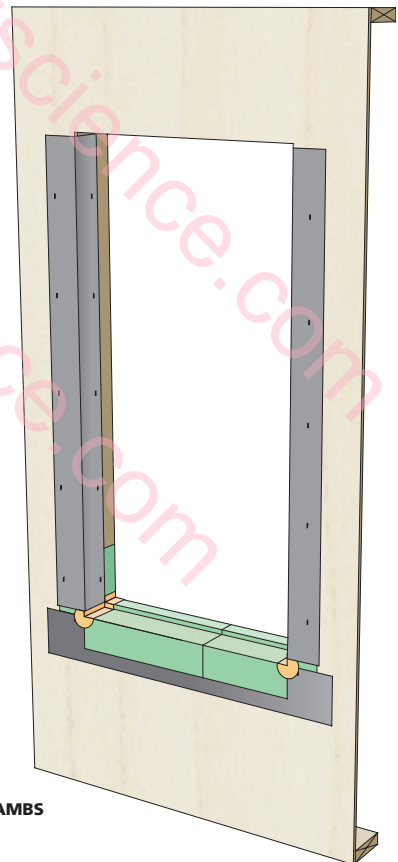
APPLY FIRST PIECE OF ADHESIVE-BACKED SILL FLASHING; APPLY SECOND PIECE OF ADHESIVE-BACKED SILL FLASHING

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL



STEP 5

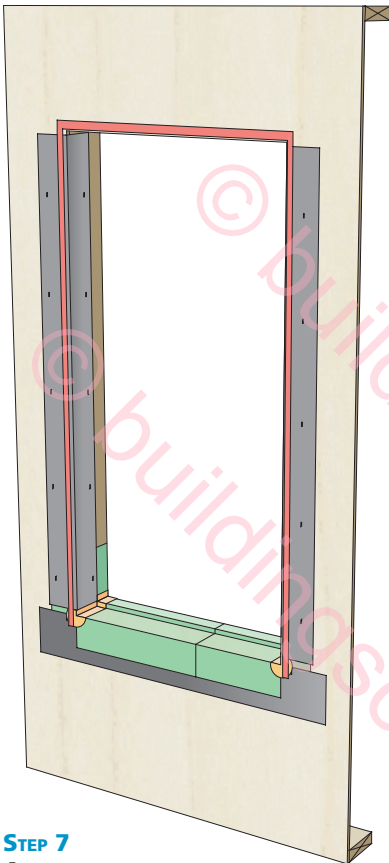
INSTALL CORNER FLASHING PATCHES
AT SILL



STEP 6

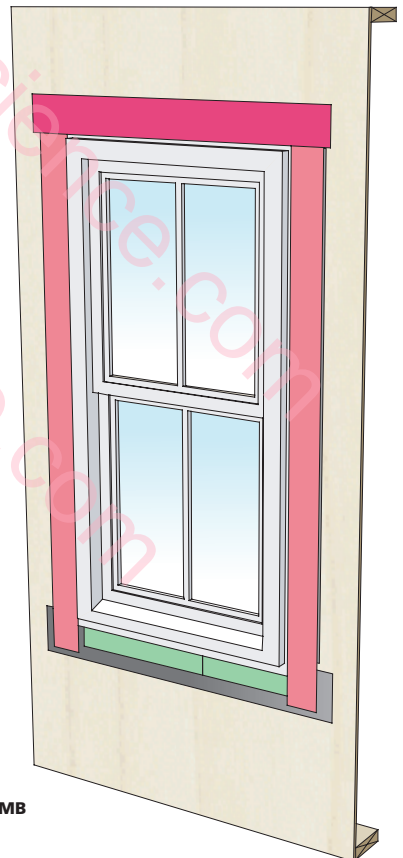
INSTALL BUILDING PAPER AT JAMBS

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL



STEP 7

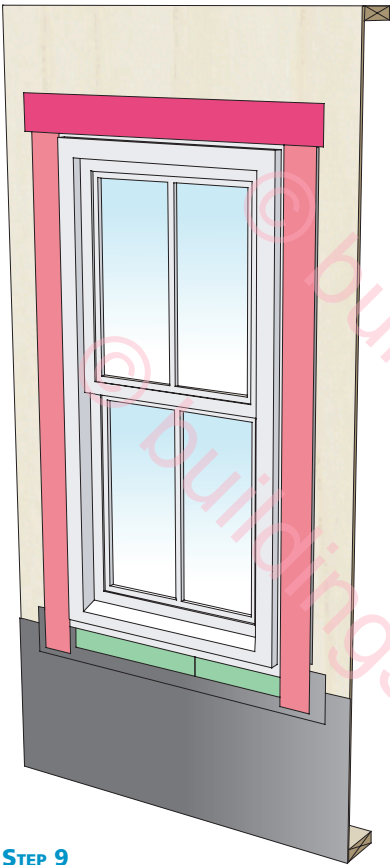
APPLY SEALANT AT JAMBS AND HEAD; ALTERNATIVELY, SEALANT CAN BE PLACED ON THE BACK SIDE OF THE NAILING FLANGE (BACK-CAULKED)



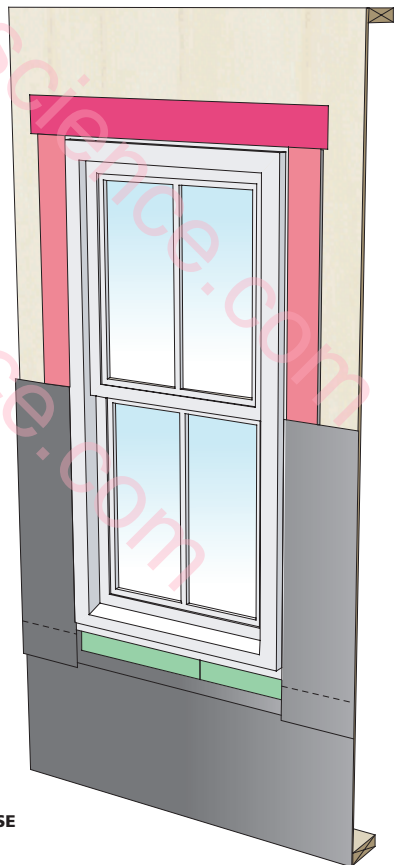
STEP 8

INSTALL WINDOW; INSTALL JAMB FLASHING THEN HEAD FLASHING

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL

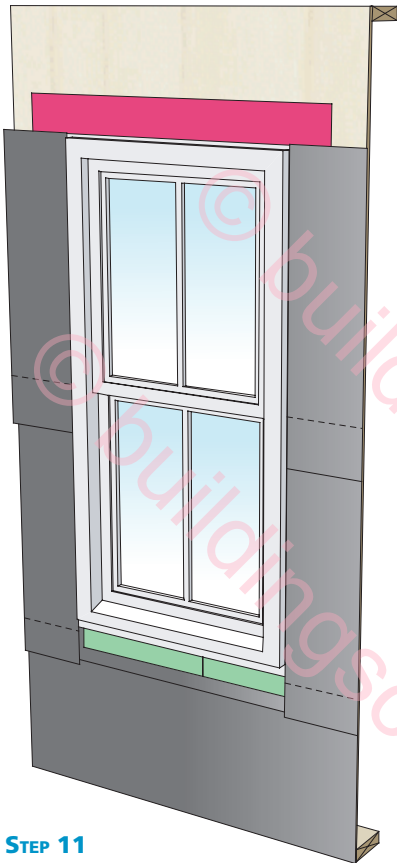


STEP 9
**INSTALL FIRST COURSE OF BUILDING
PAPER UNDER SILL FLASHING**

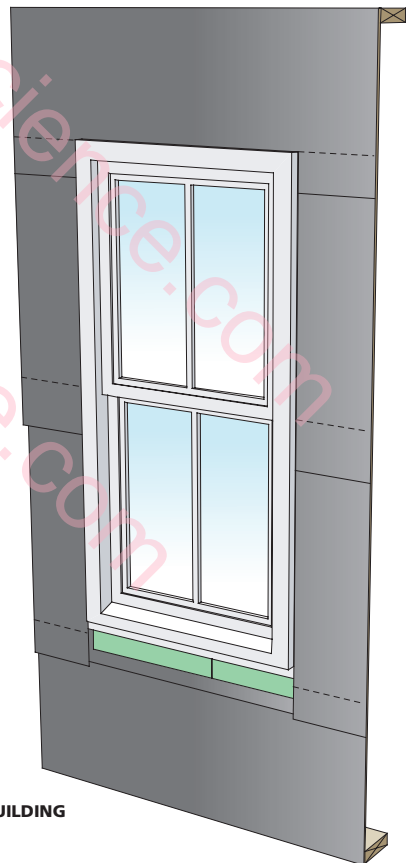


STEP 10
**INSTALL SECOND COURSE
OF BUILDING PAPER AT JAMBS**

INSTALLING WINDOW WITH BUILDING PAPER ON OSB OVER WOOD FRAME WALL



STEP 11
**INSTALL THIRD COURSE OF BUILDING
PAPER AT JAMBS**



STEP 12
**INSTALL FOURTH COURSE OF BUILDING
PAPER AT HEAD**

About this Report

These details were published in “Water Management Guide,” Building Science Press, 2006.

About the Author

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