

Glazing System: Innies, Outies and Tweenies Joseph Lstiburek, Ph.D., P.Eng.

October 11, 2109

#CONSTRUCT #CONSTRUCT2019

Continuing Education Units (CEUs)

Course Approvals:



BOMI, CSI, ICC, IIBEC, and NARI credits must be SELF-REPORTED. AIA credit will be reported on the member's behalf.

Participants will receive a certificate of attendance via e-mail in 8 weeks to use for self-reporting.

For questions, contact jennifer.hughes@informa.com or visit the Education Office (National Harbor 15).



Credit(s) earned on completion of this course will be reported to AIA CES for AIA members. Certificates of completion for both AIA members and non-AIA members will be available to download after the event. This course is registered with AIA CES for continuing professional education. As such, it does not include content that may be deemed or construed to be an approval or endorsement by the AIA of any material of construction or any method or manner of handling, using, distributing, or dealing in any material or product. Questions related to specific materials, methods, and services will be addressed at the conclusion of this presentation.

#CONSTRUCT

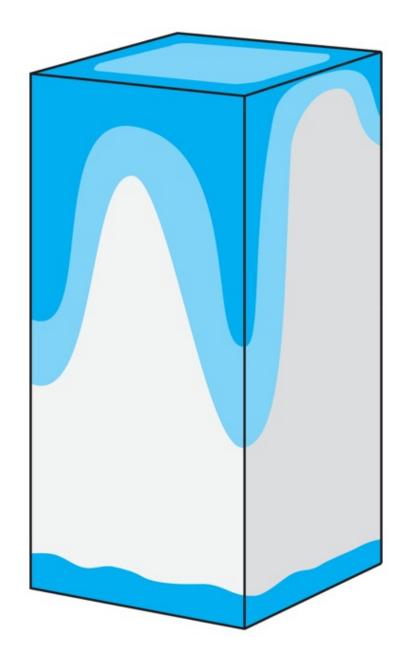
#CONSTRUCT2019

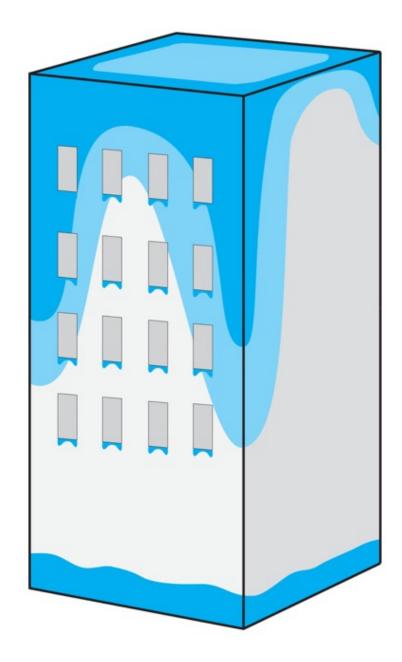


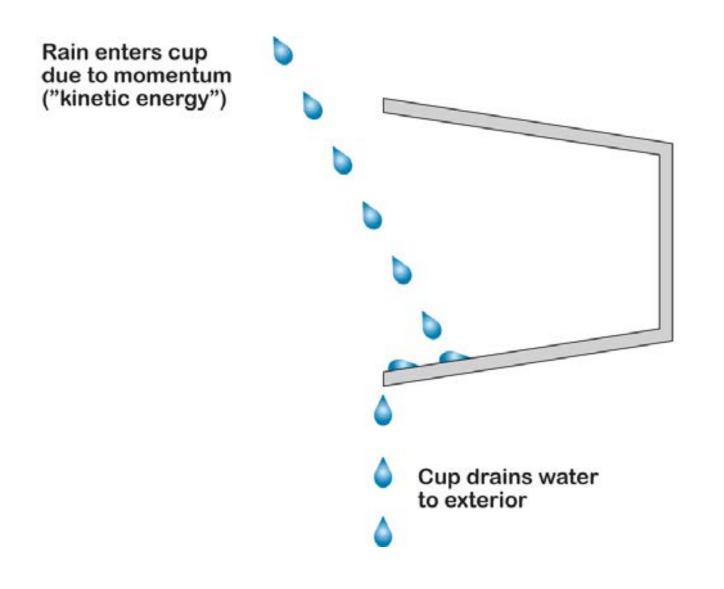
Course Description & Learning Objectives

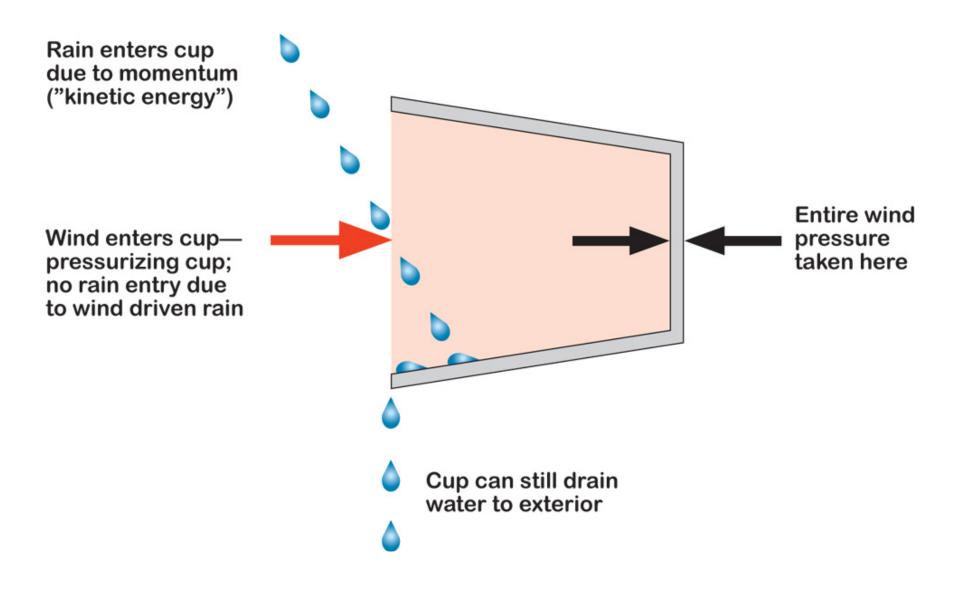
- Glazing Systems: Innies, Outies and Tweenies
- •
- How your exterior wall is water managed with continuous exterior insulation affects how you locate glazing systems in the plane of the wall. Is the glazing system located towards the interior of the assembly (an "innie")? Is the glazing system located towards the exterior of the assembly (an "outie")? Or is it located in the middle of the assembly (a "tweenie")? How are water and air management addressed without causing issues relating to thermal bridging, structure and fire?
- •
- Upon completion of this session, participants will be able to:
- 1. Undertake water management (ie. flashing) of glazing systems based on their location in the wall assembly
- 2. Recognize how to address air leakage of glazing systems based on their location in the wall assembly
- 3. Discuss how to avoid thermal bridging of glazing systems based on their location in the wall assembly
- 4. Identify structural and fire issues of glazing systems based on their location in the wall assembly

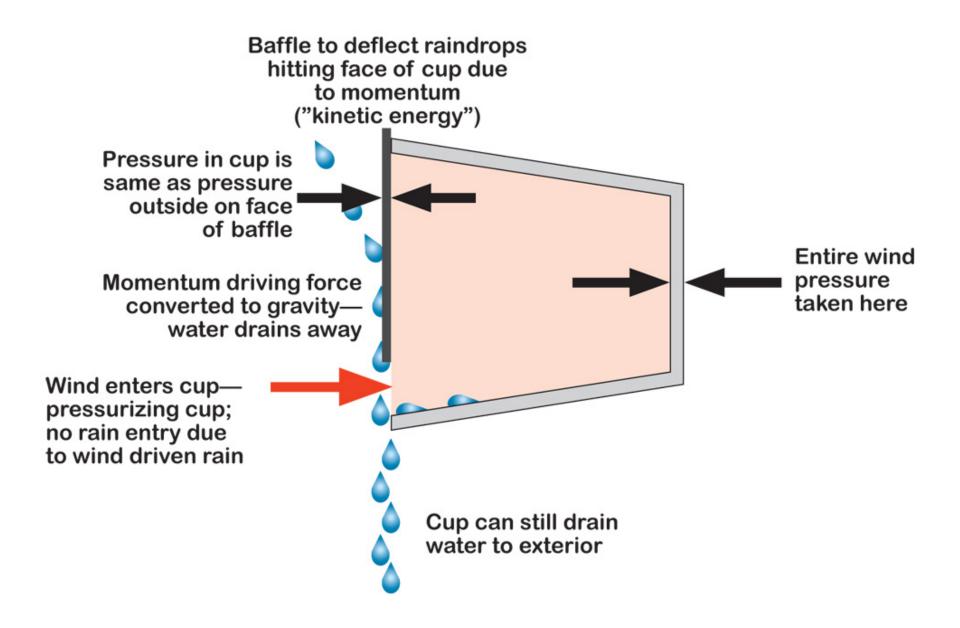


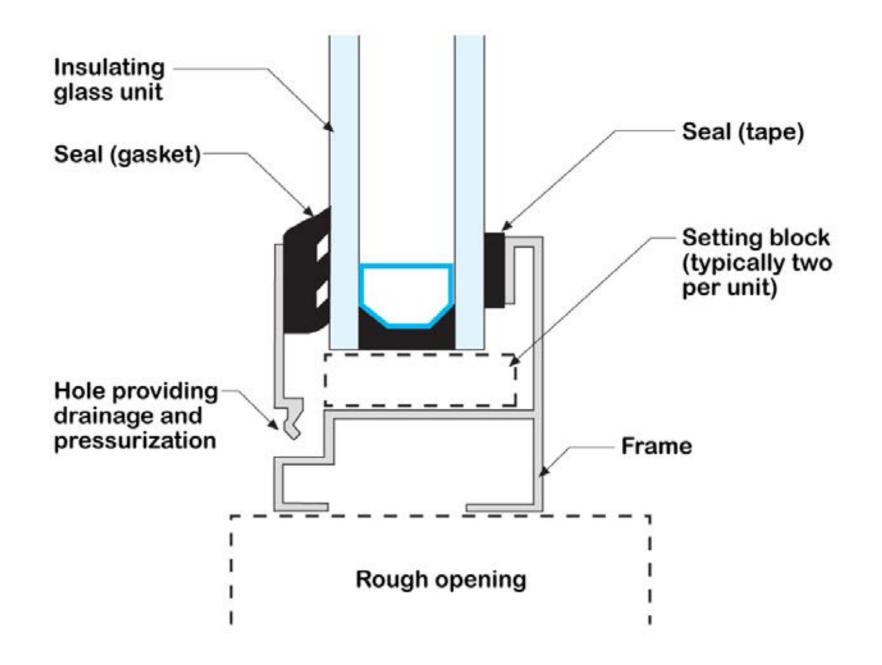


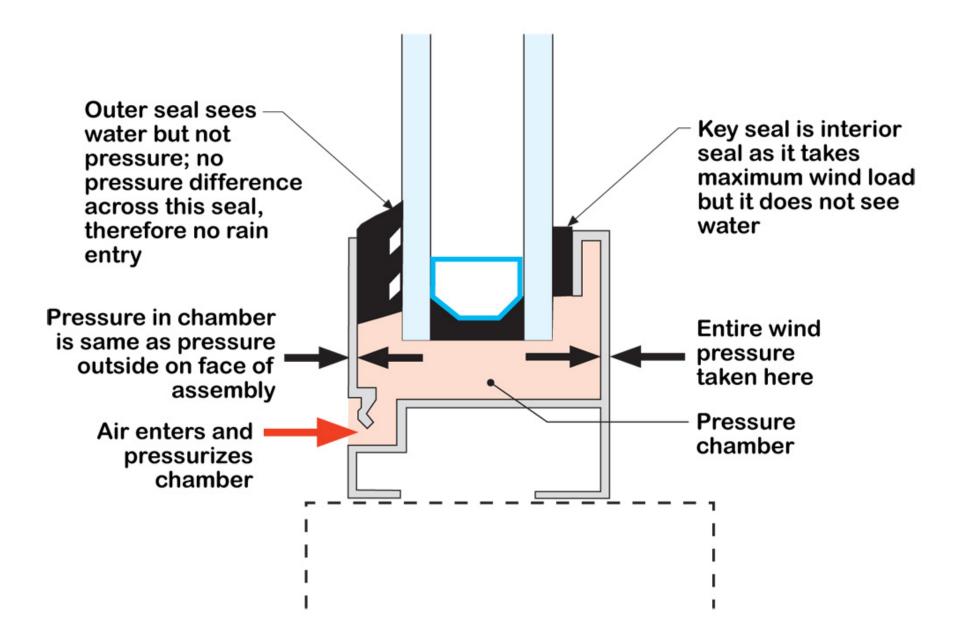


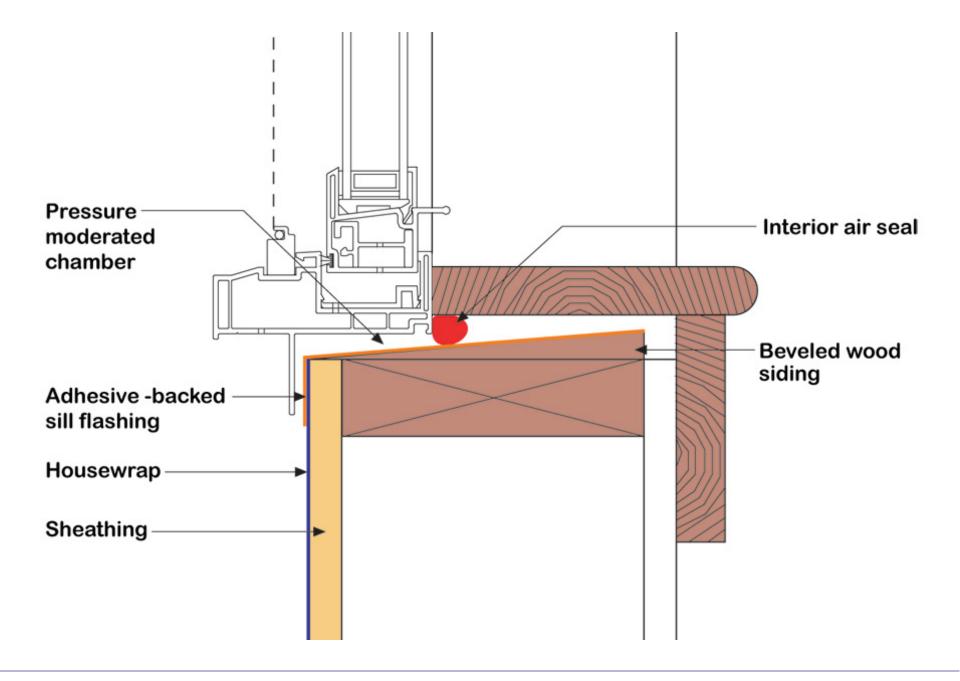












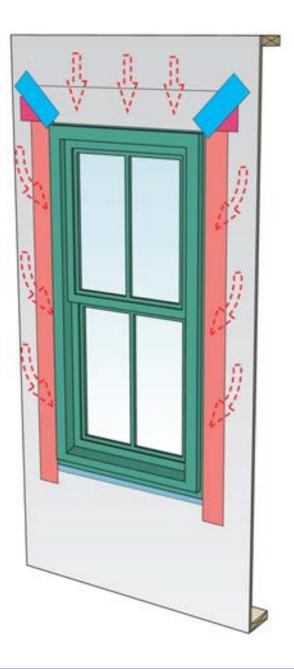


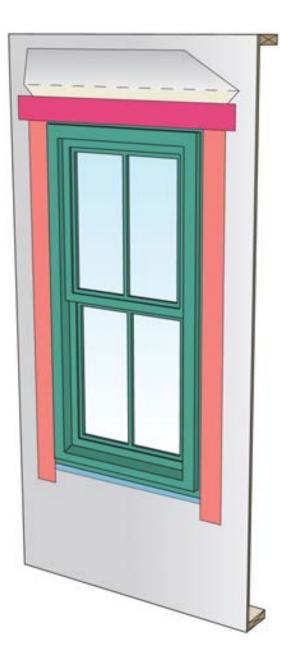


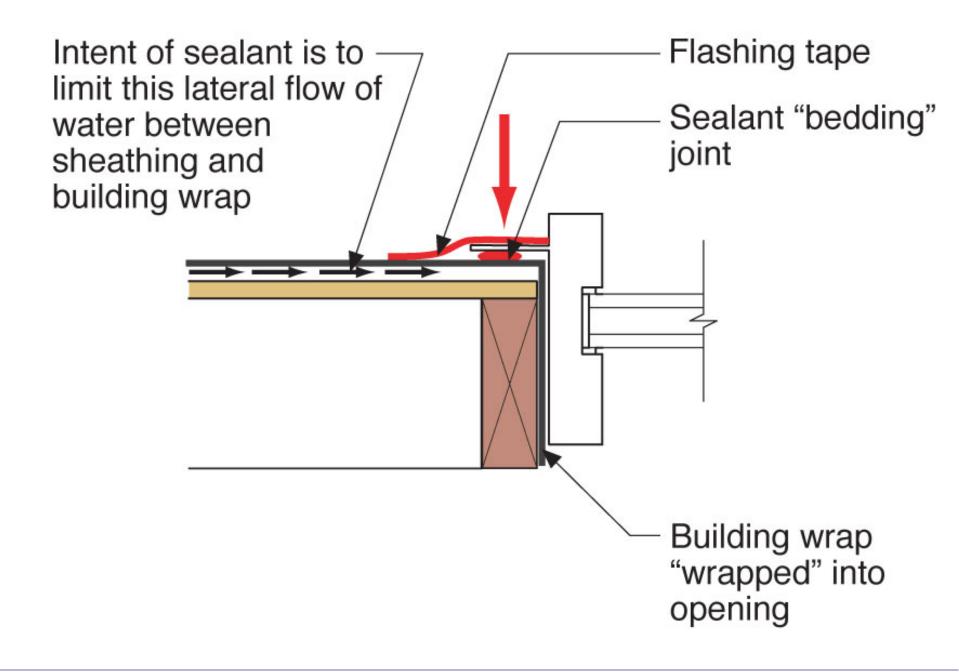


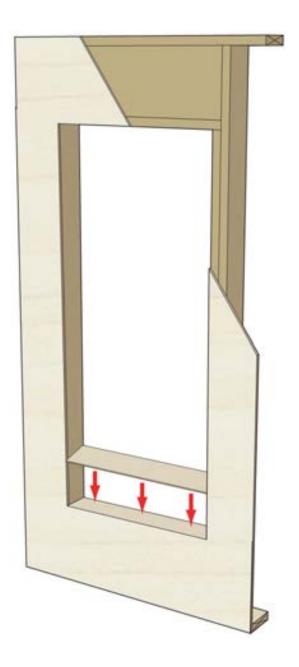


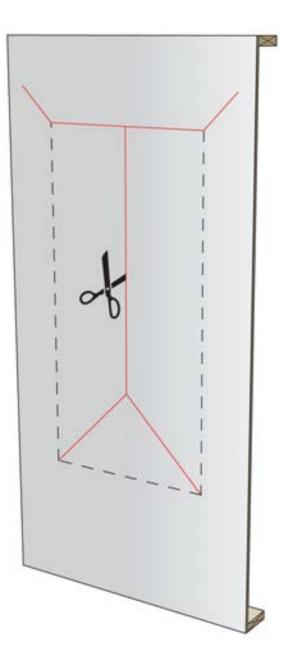


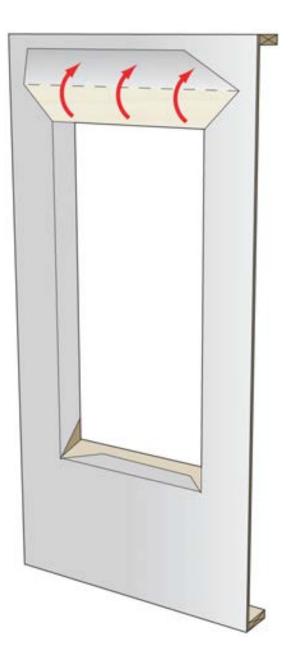


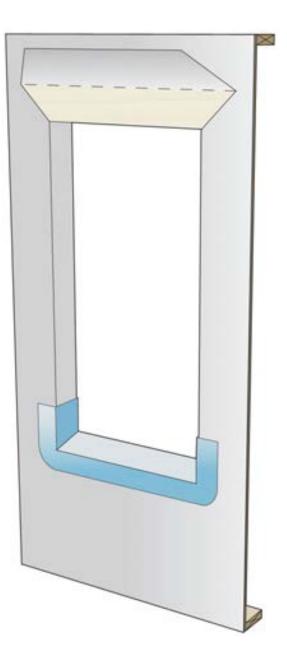


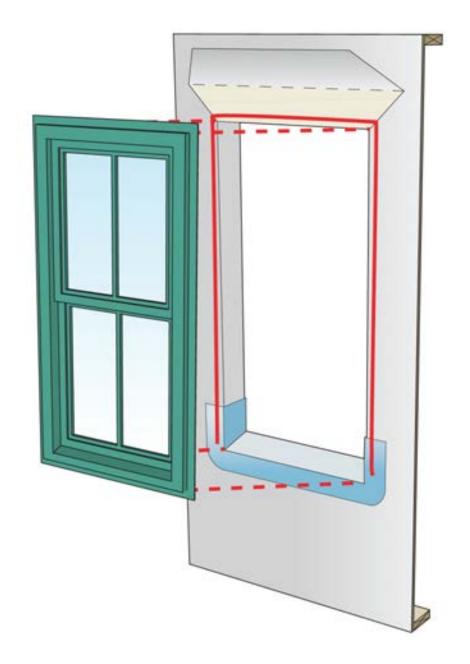


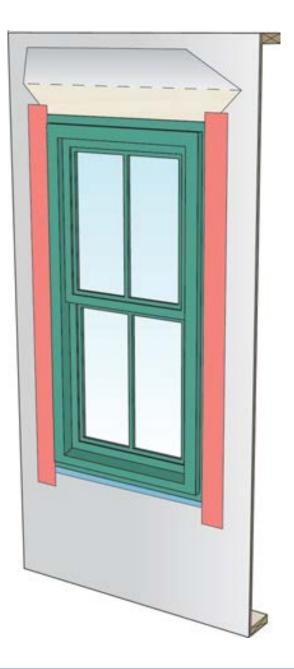


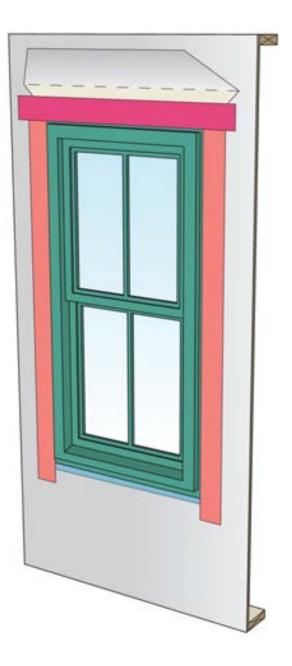


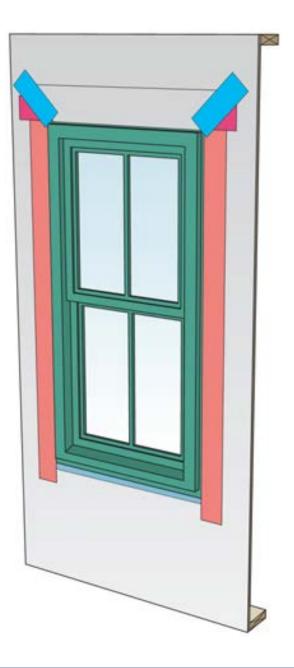










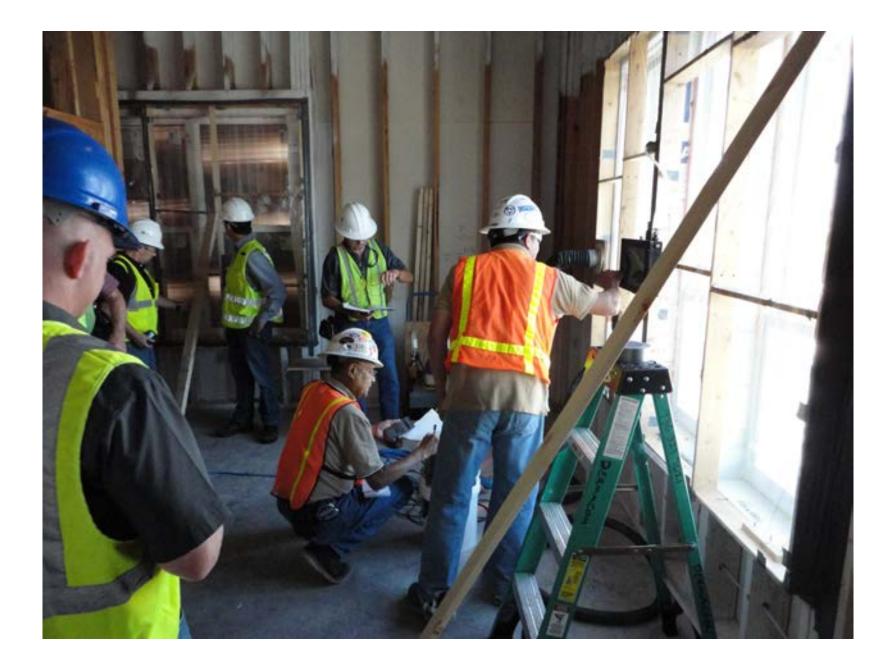


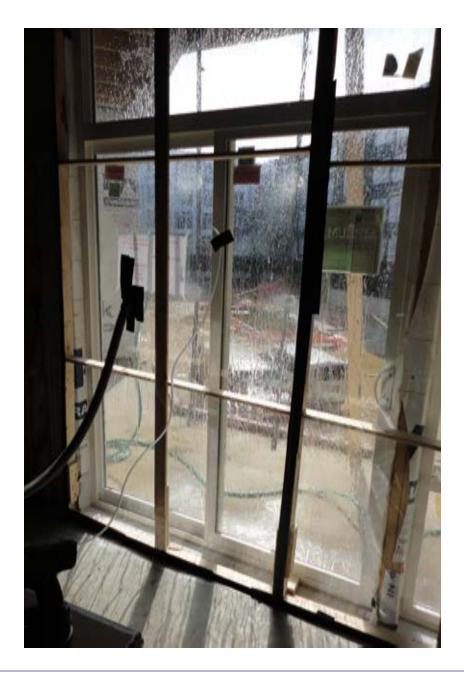


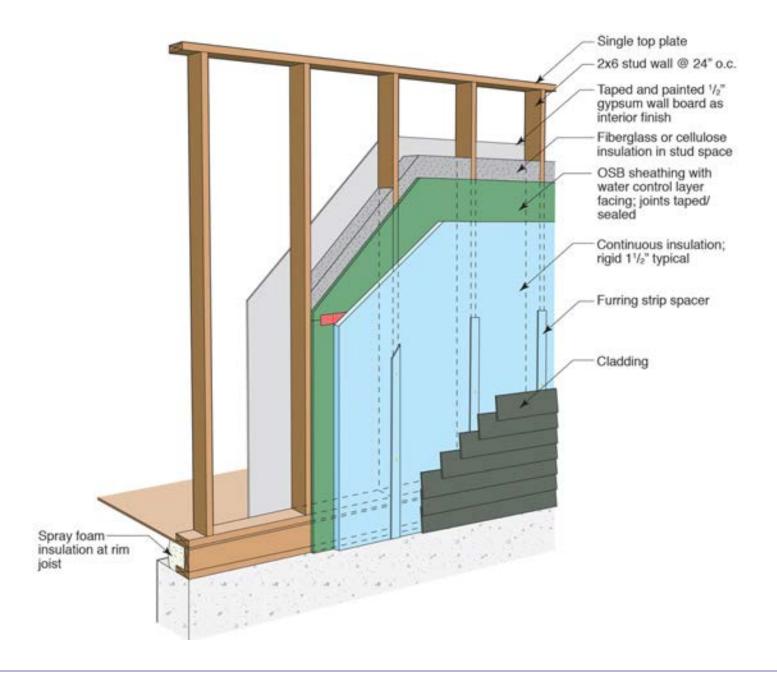


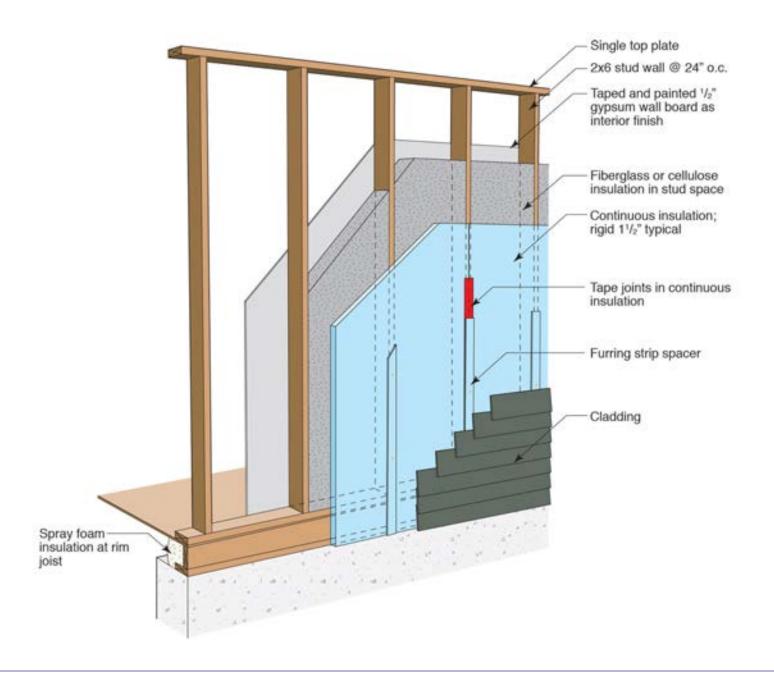






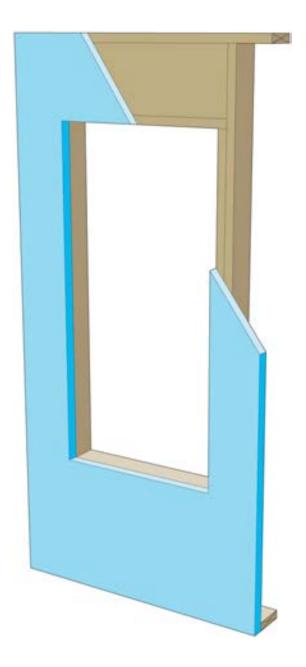


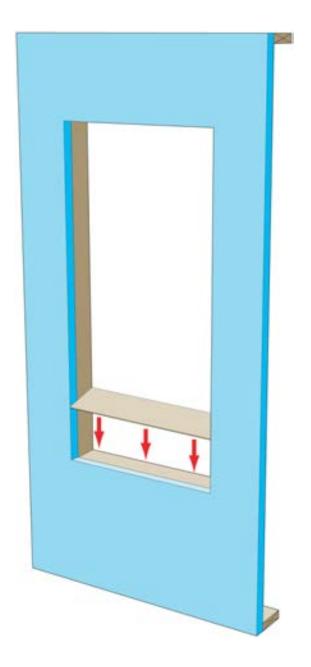


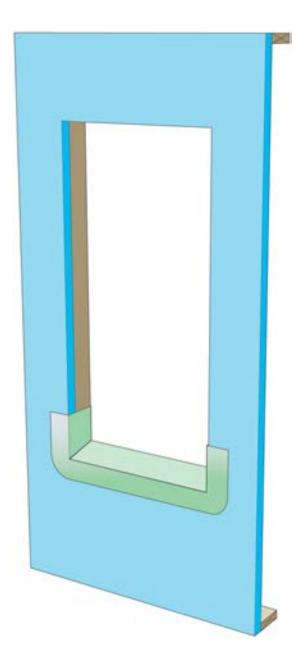


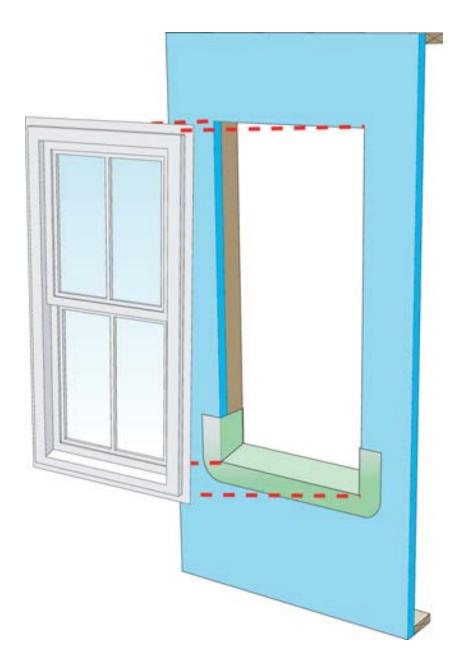
Where Is The Water Control Layer?

Where Is The Water Control Layer? Behind The Continuous Insulation? Or The Face of The Continuous Insulation? Where Is The Water Control Layer? Behind The Continuous Insulation? Or The Face of The Continuous Insulation? Where Is The Window? Where Is The Water Control Layer? Behind The Continuous Insulation? Or The Face of The Continuous Insulation? Where Is The Window? Is It An Innie Or Outie Or Tweeny?





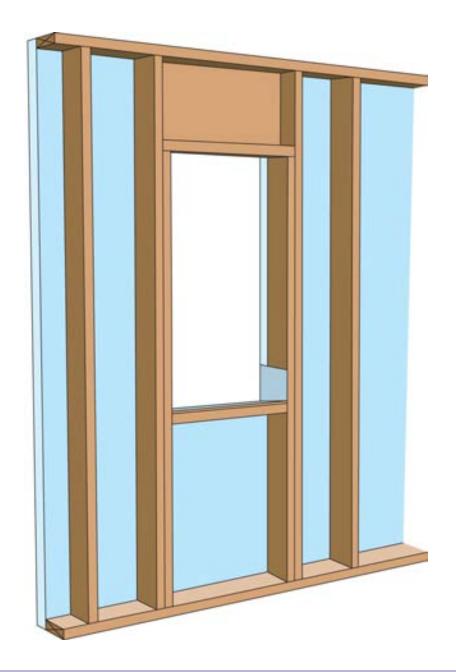






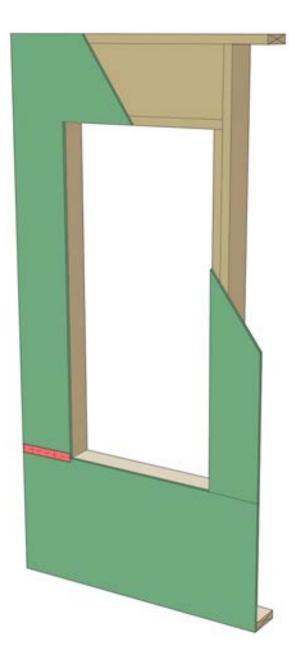


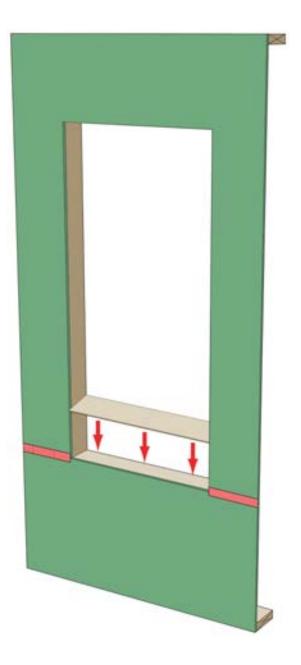


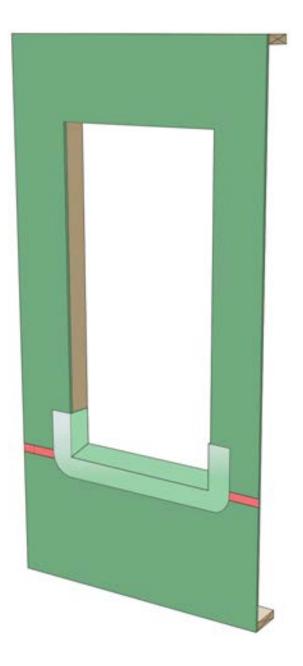


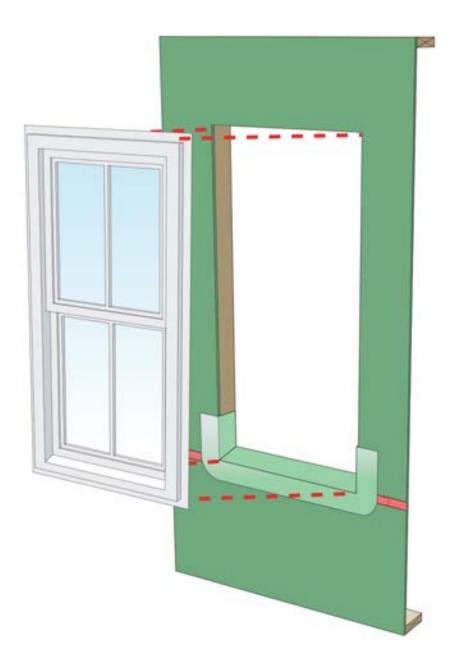














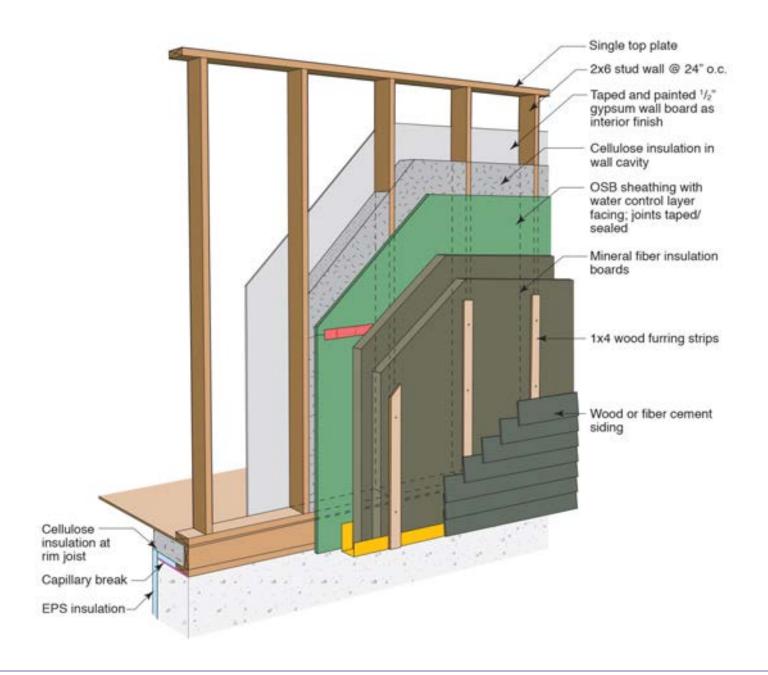


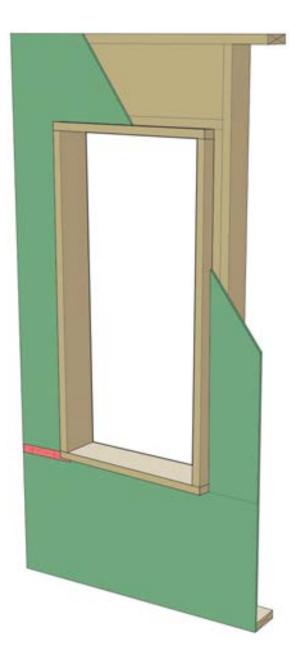


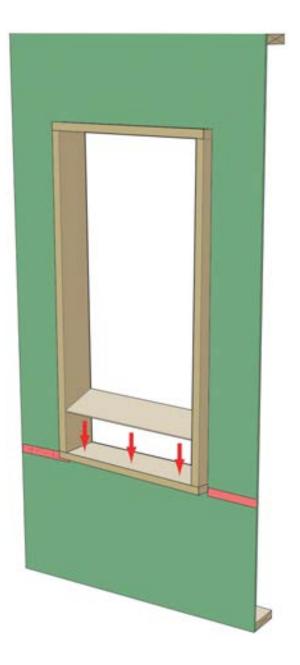


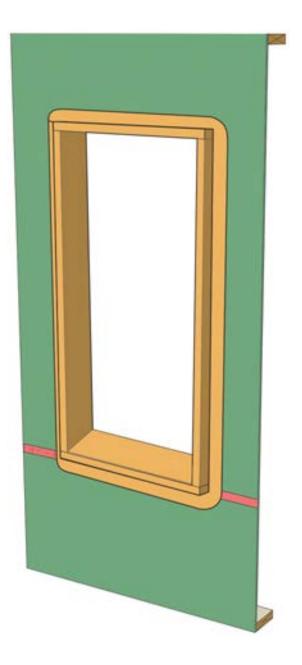














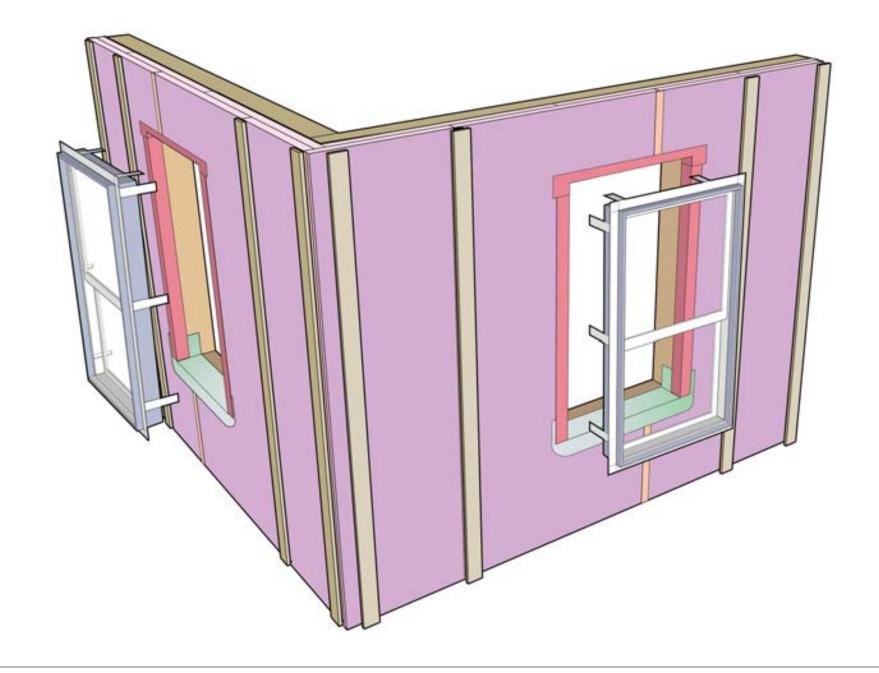




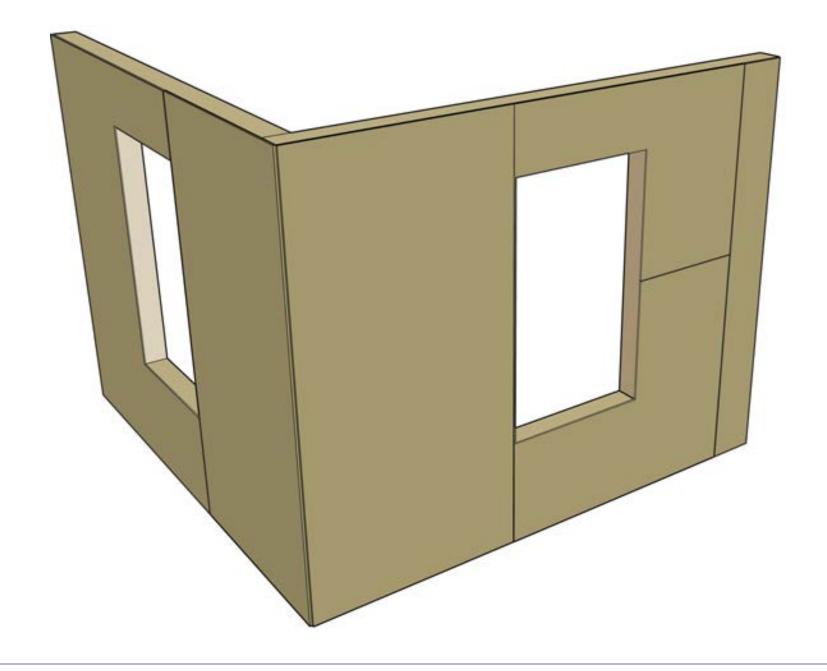


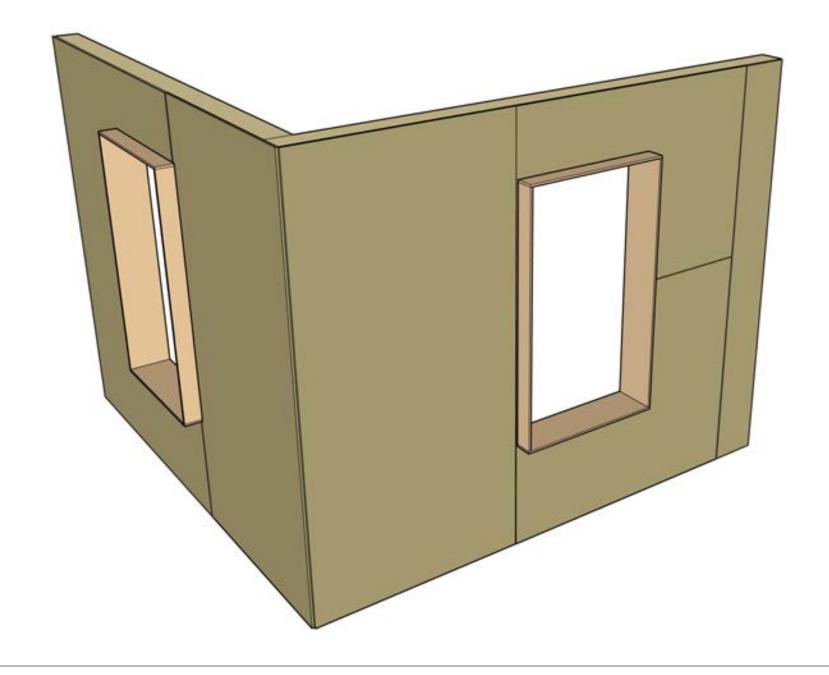


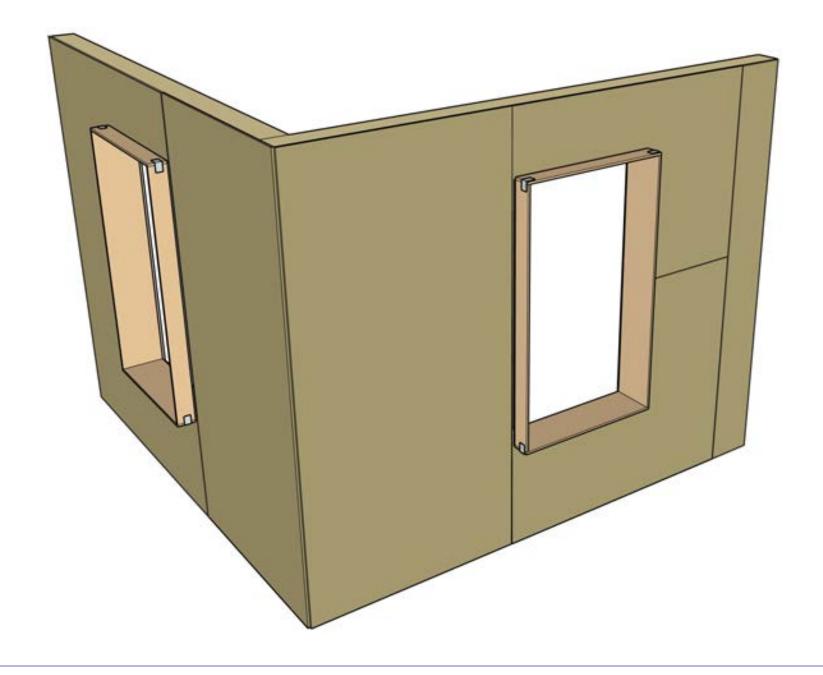


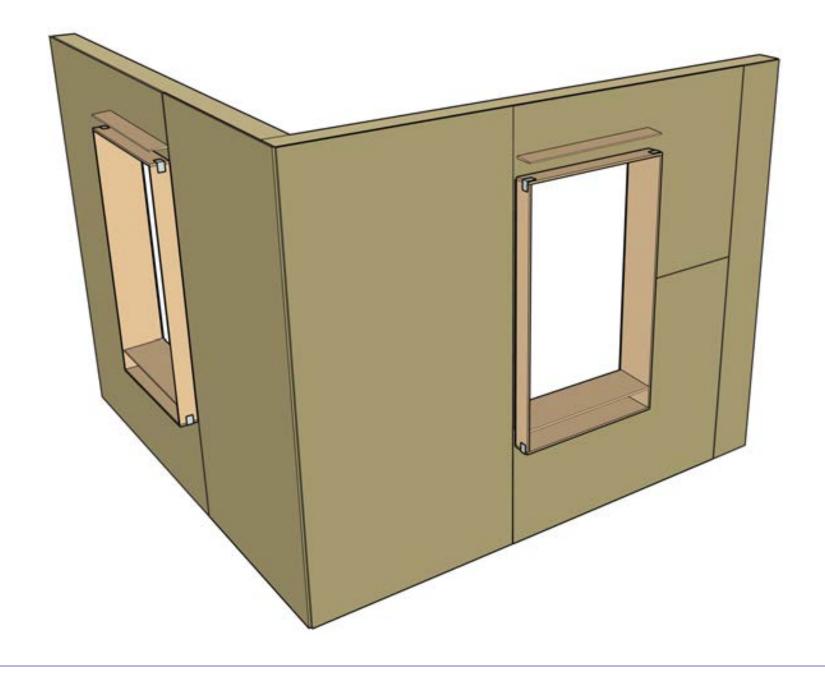


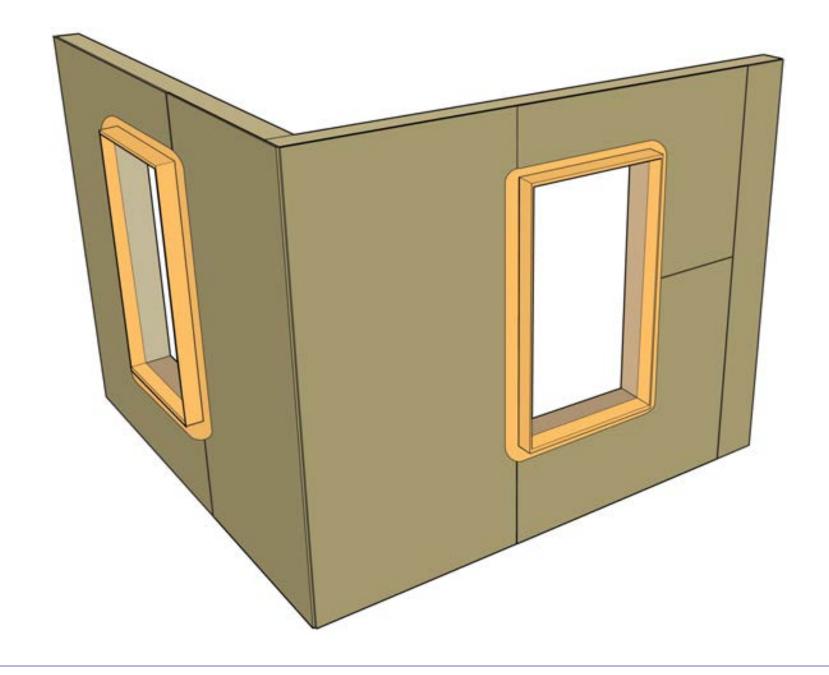






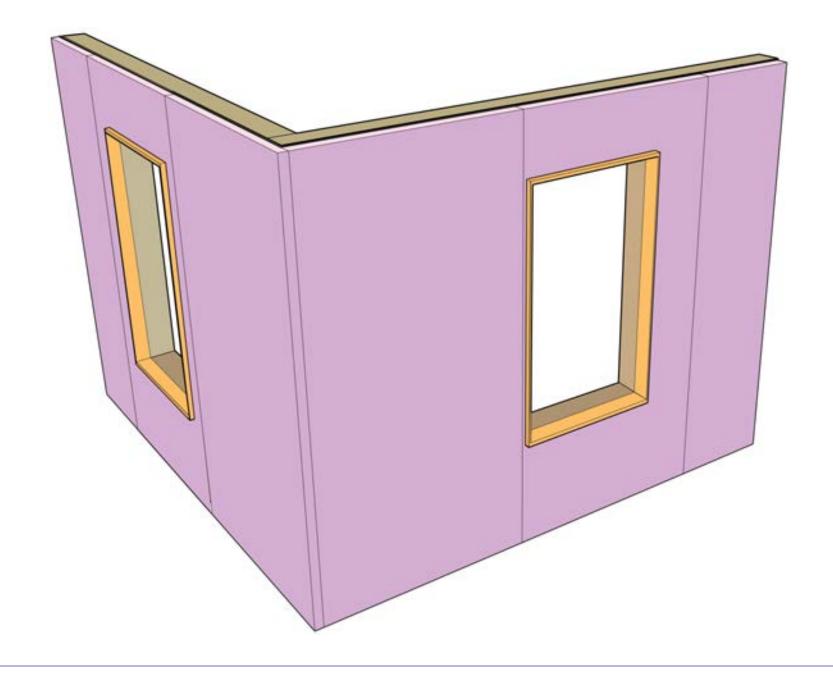


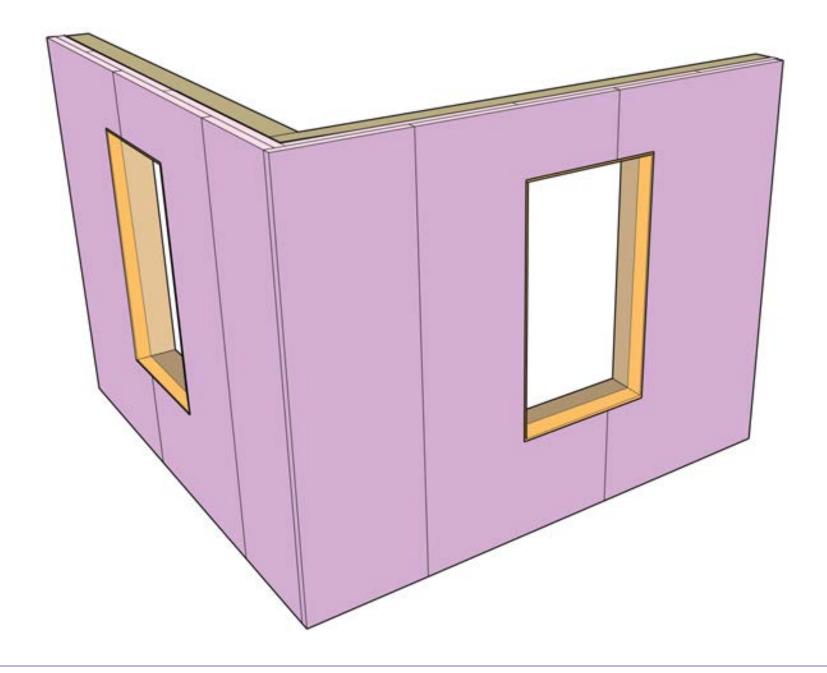


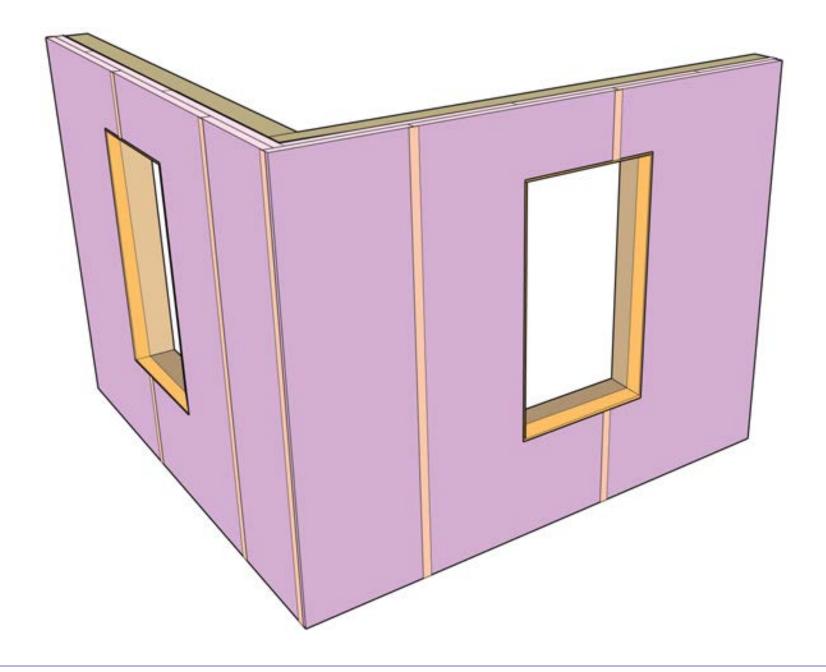


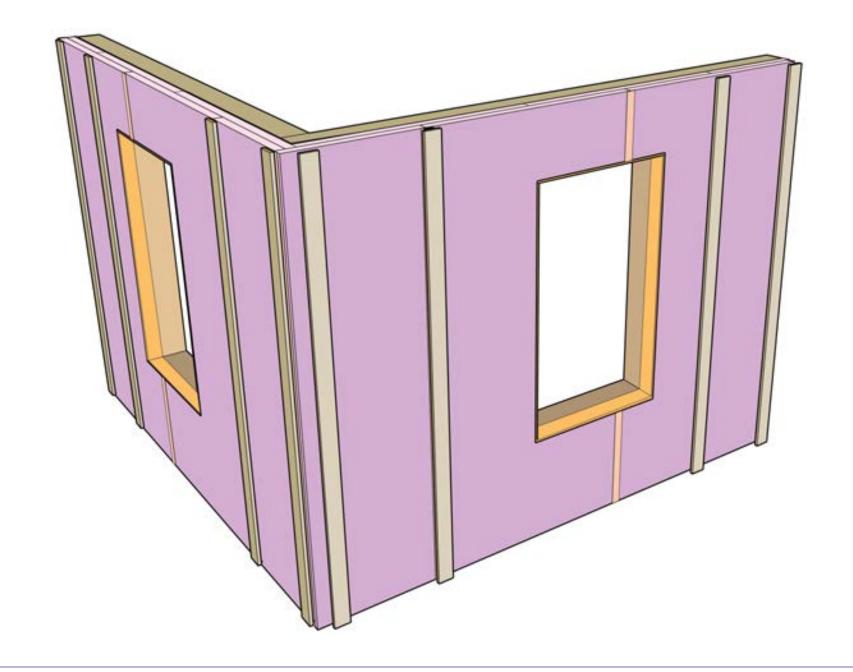


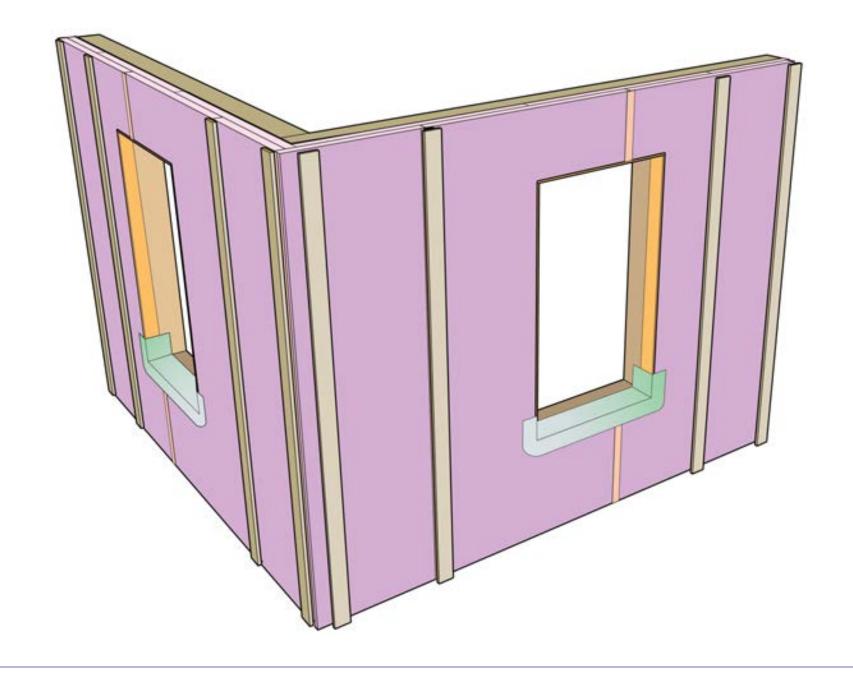


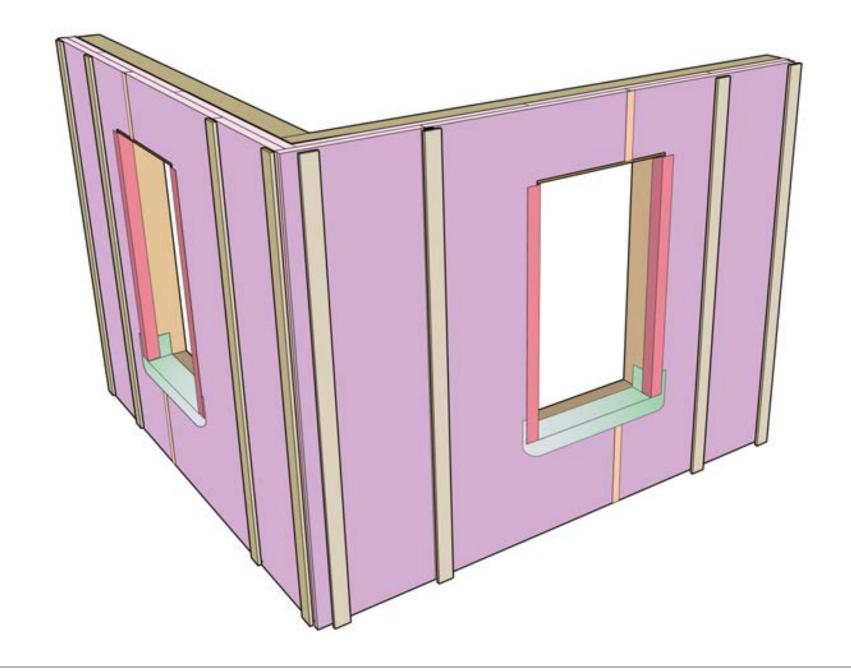


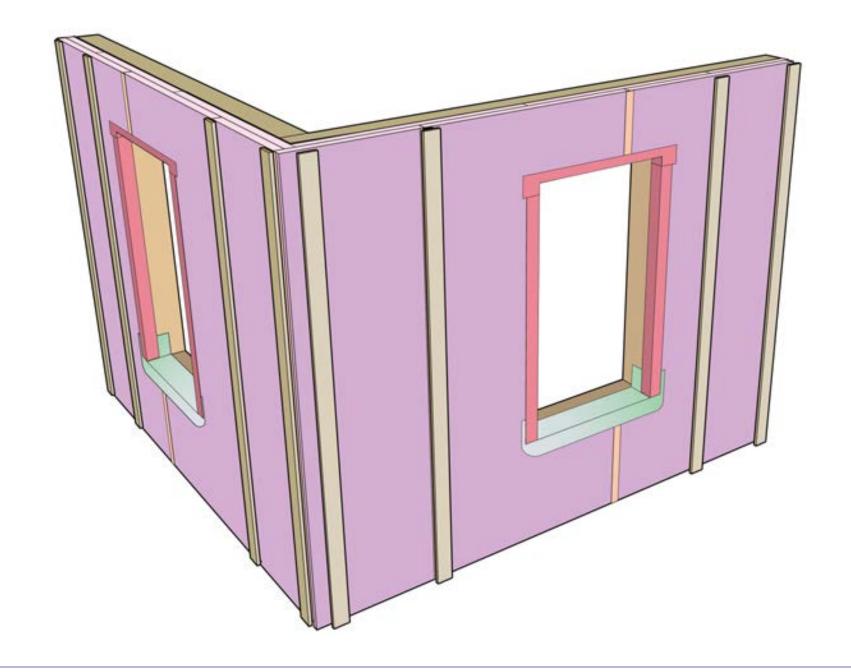


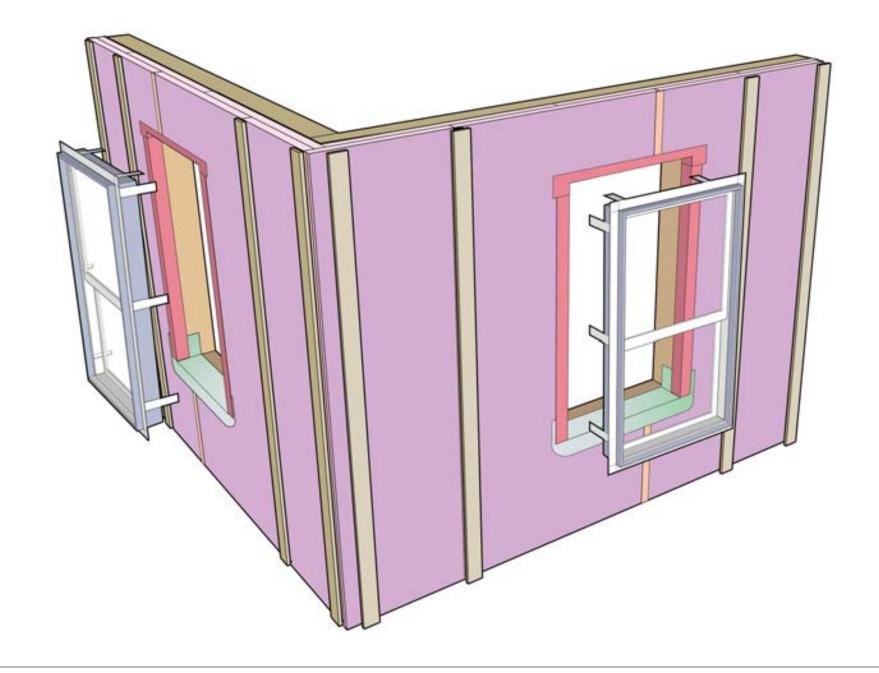


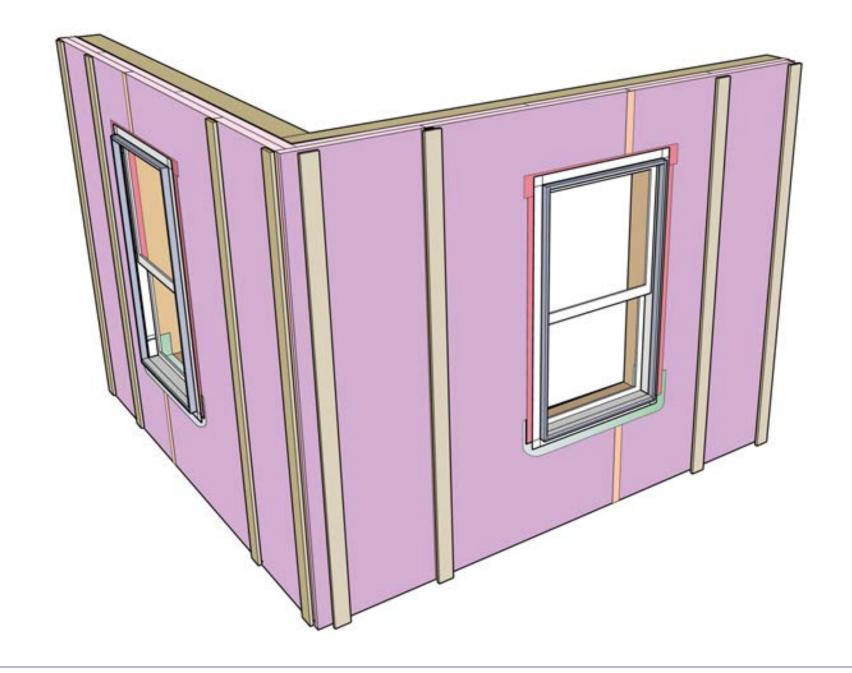


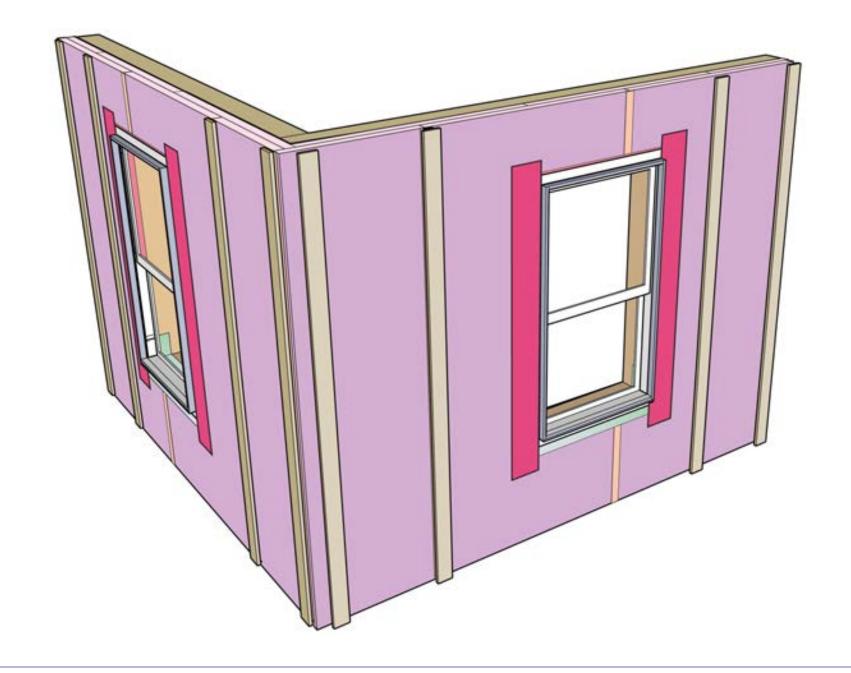


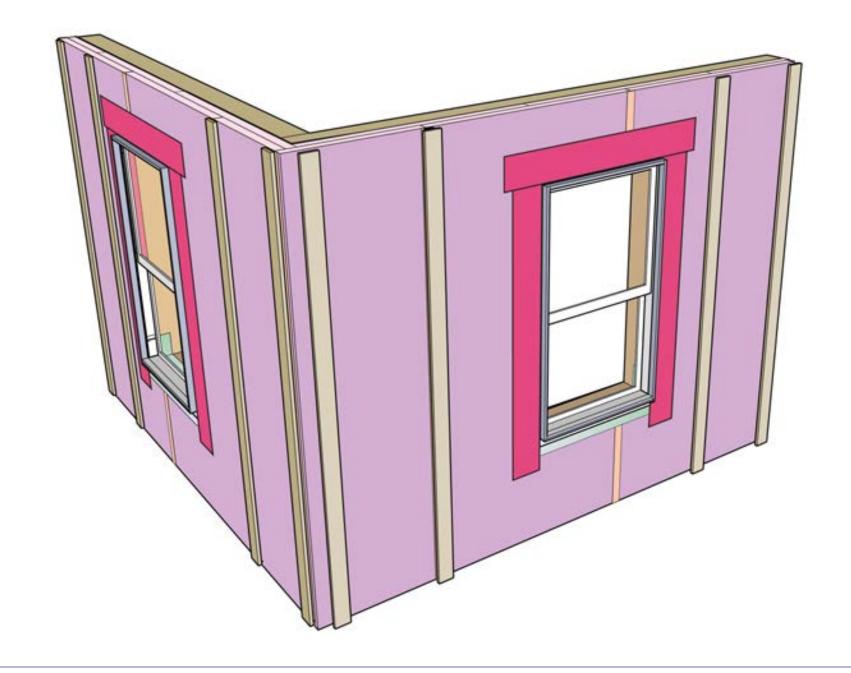


















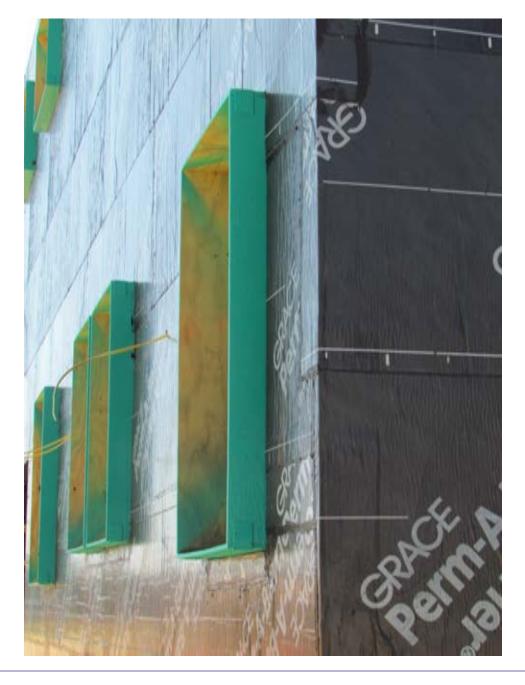




















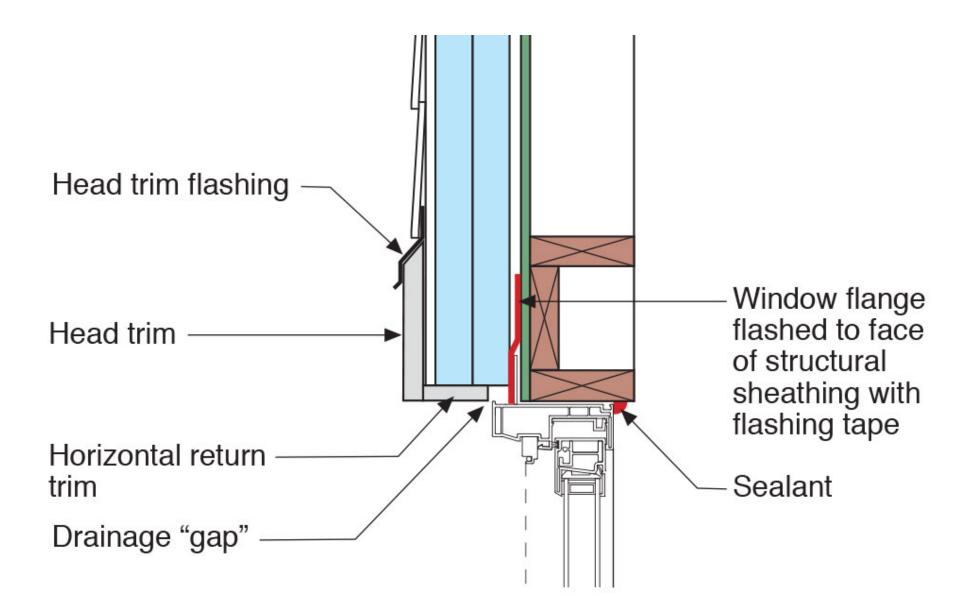














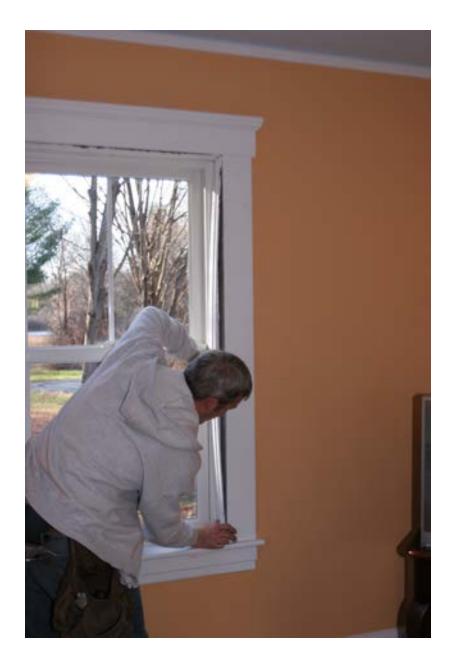




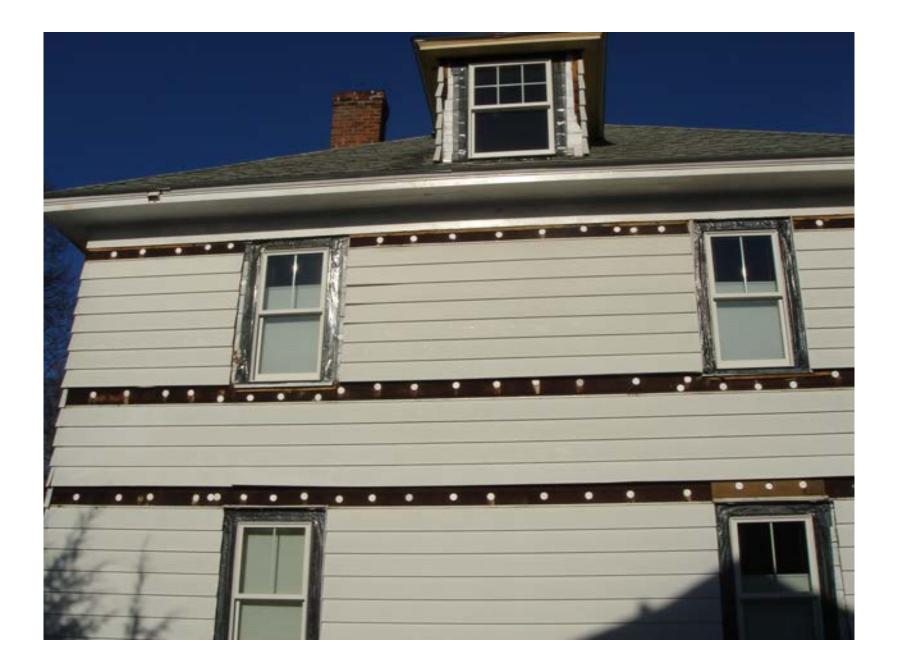
























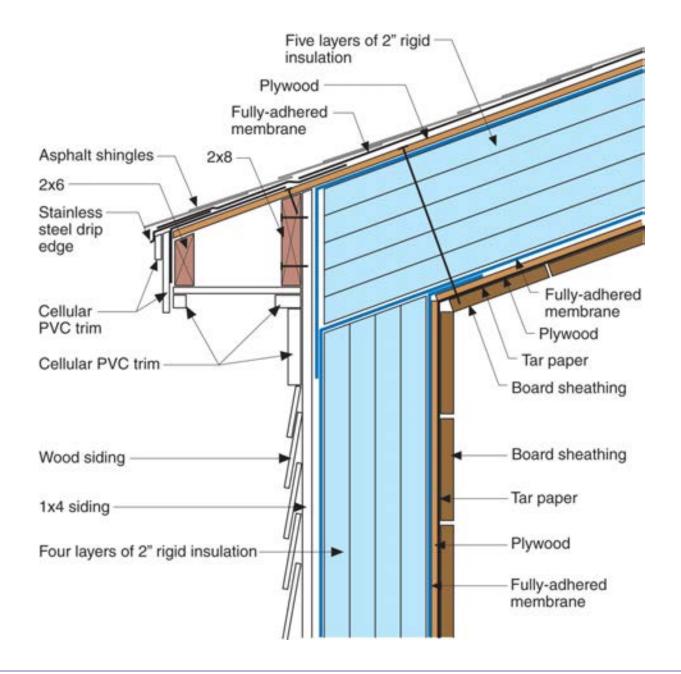












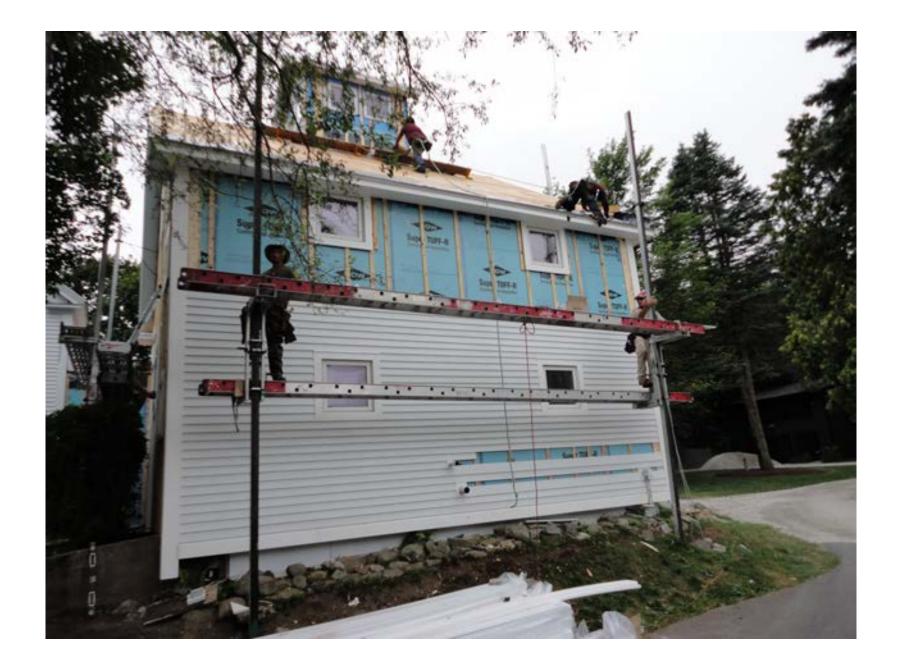








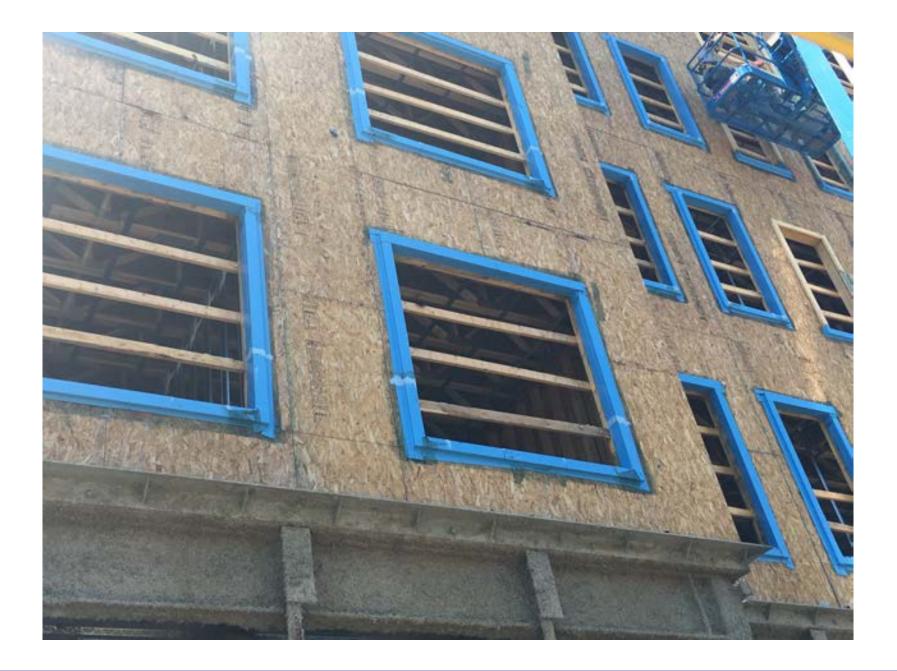




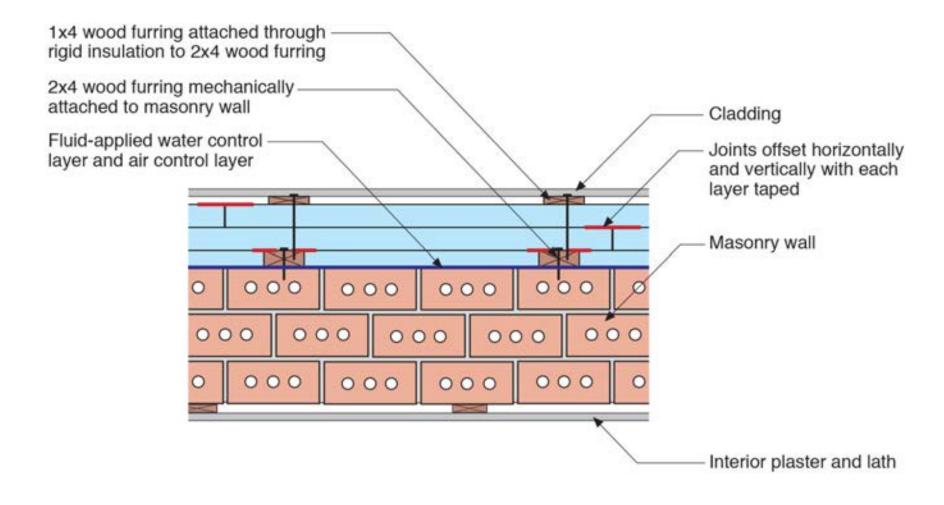


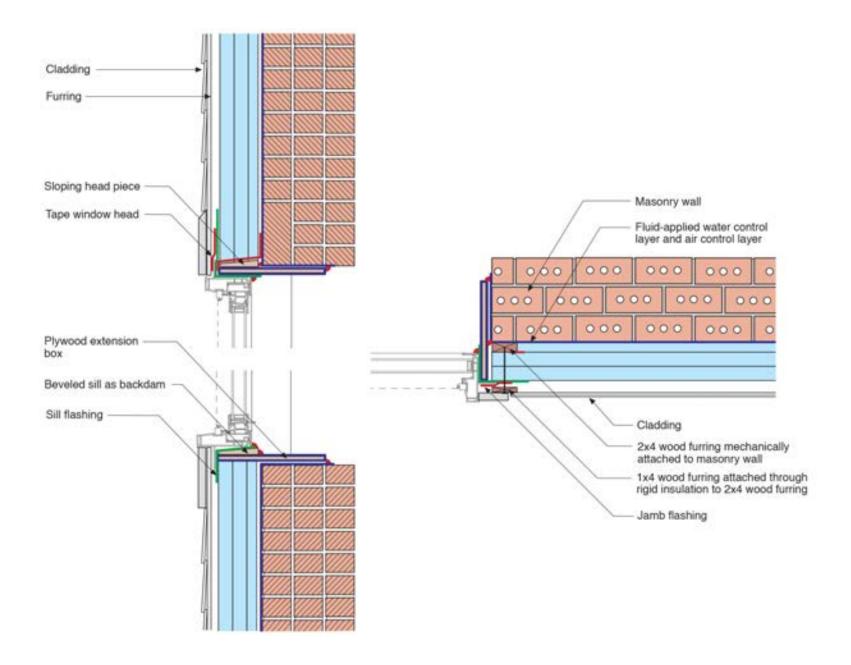












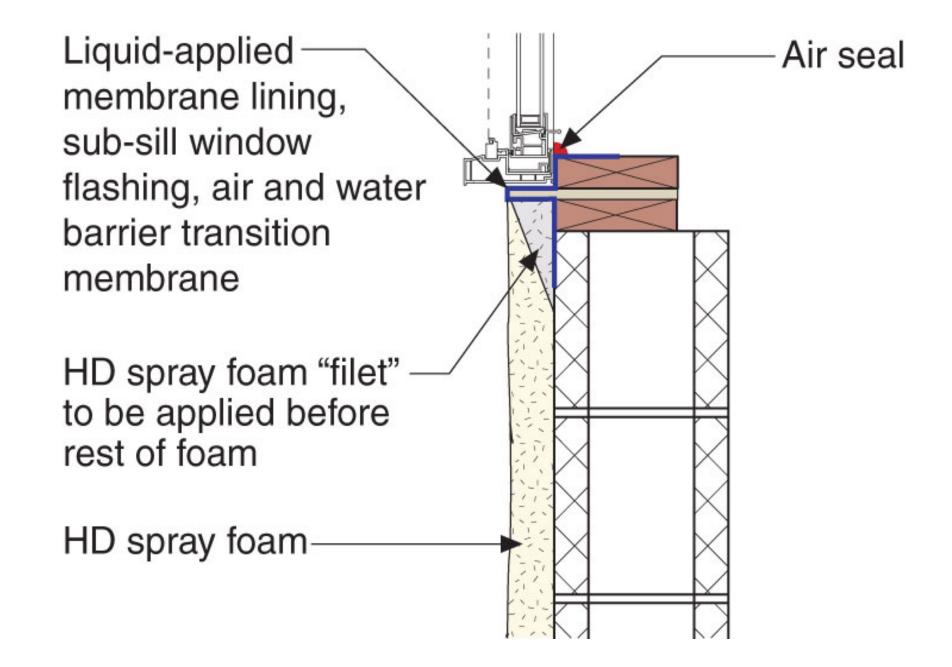


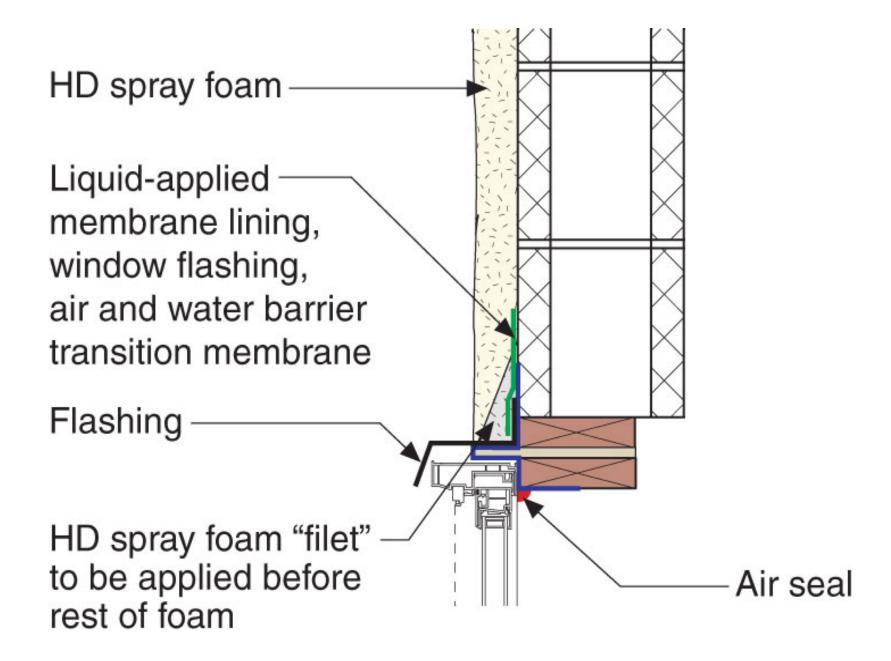


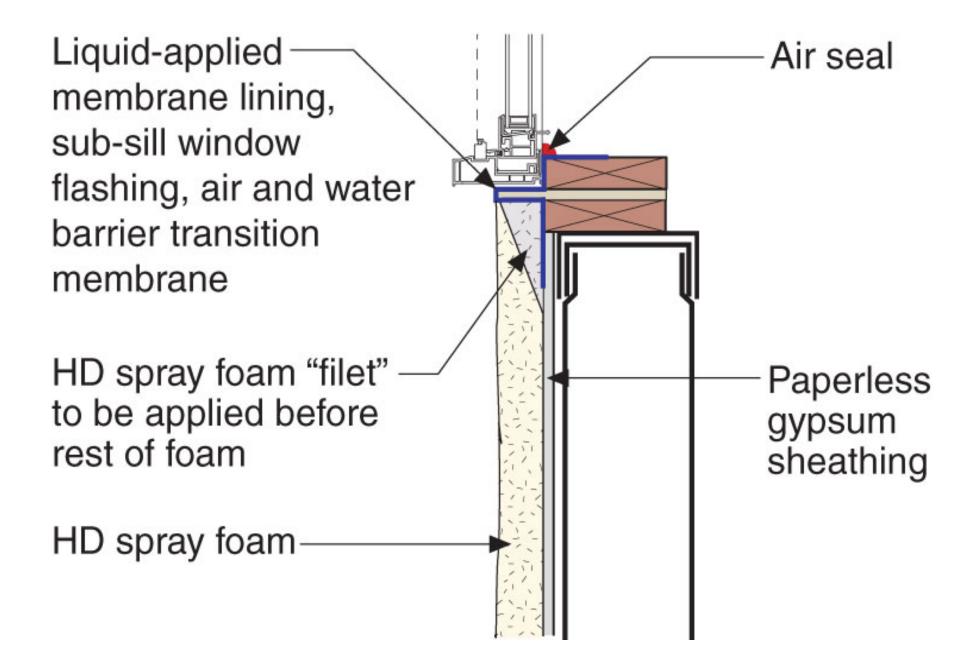


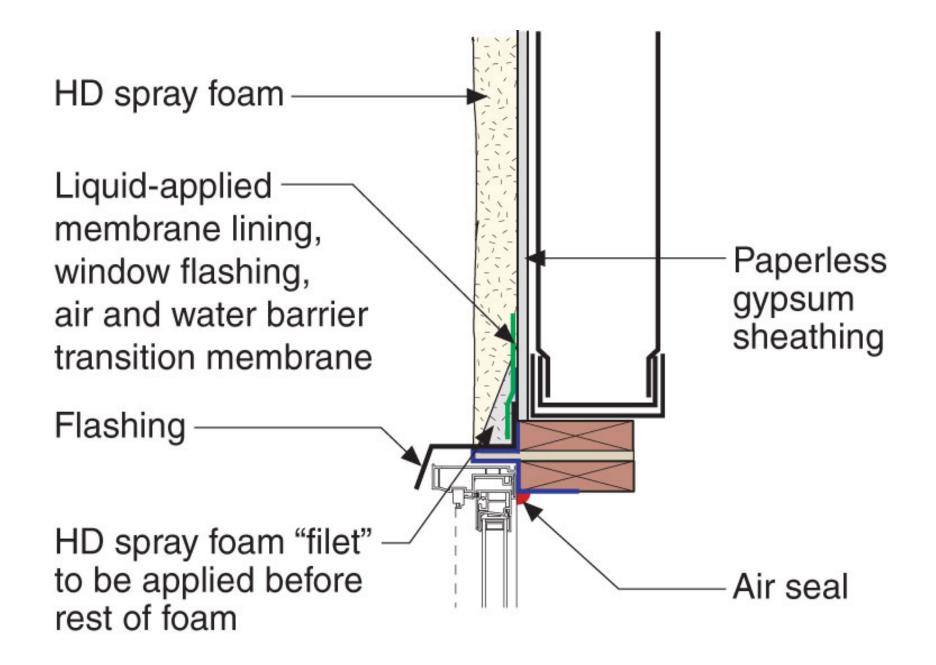




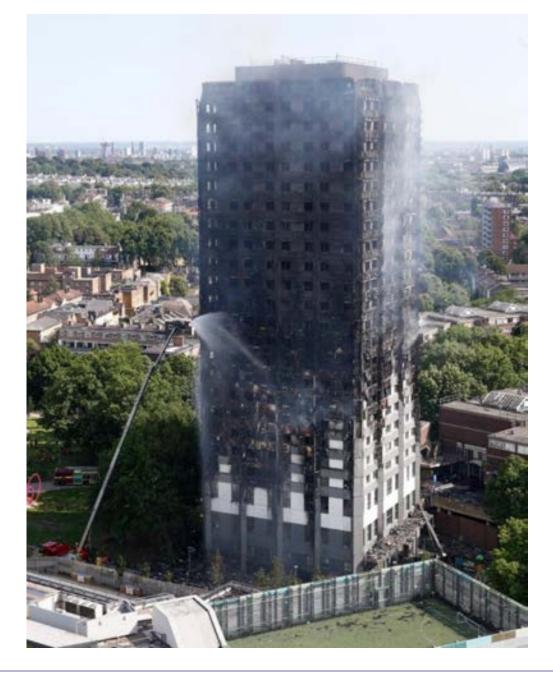


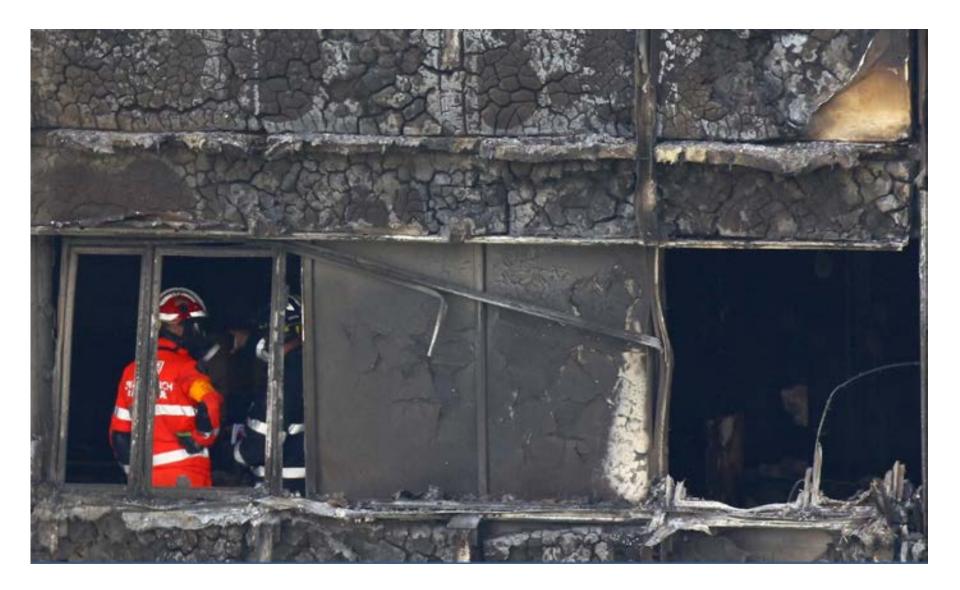




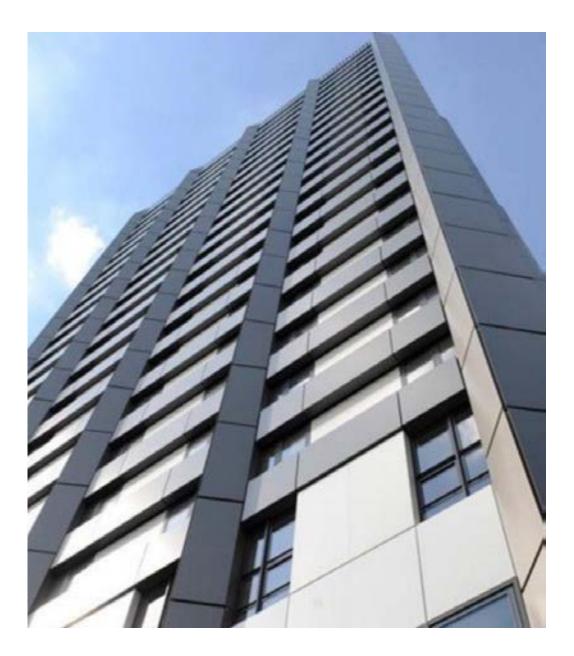




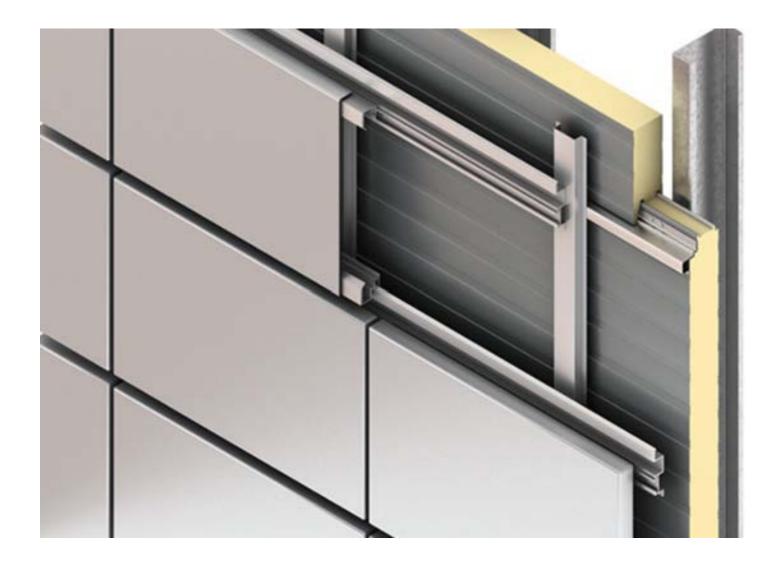


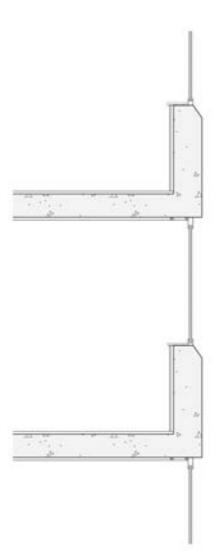


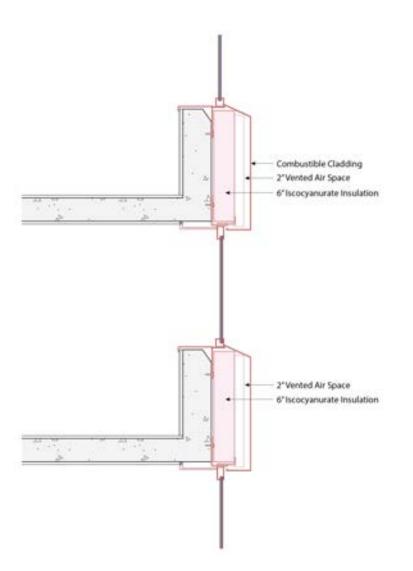


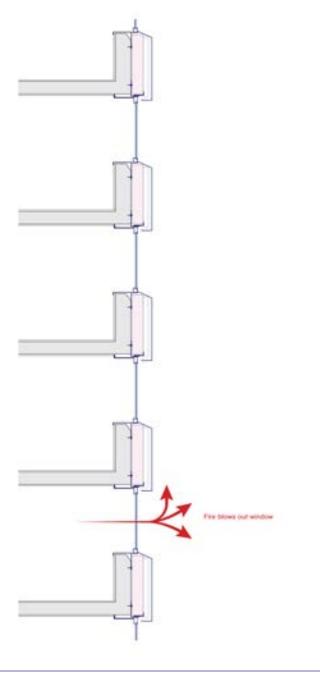


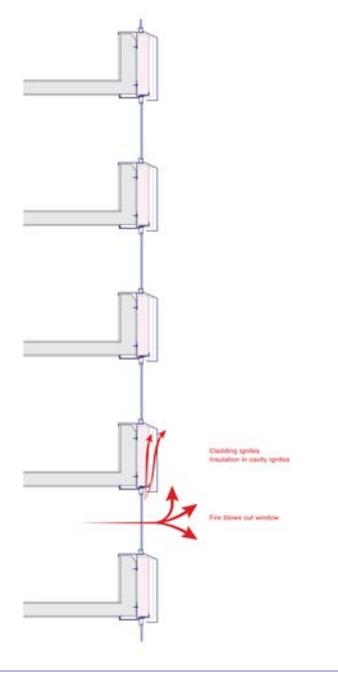


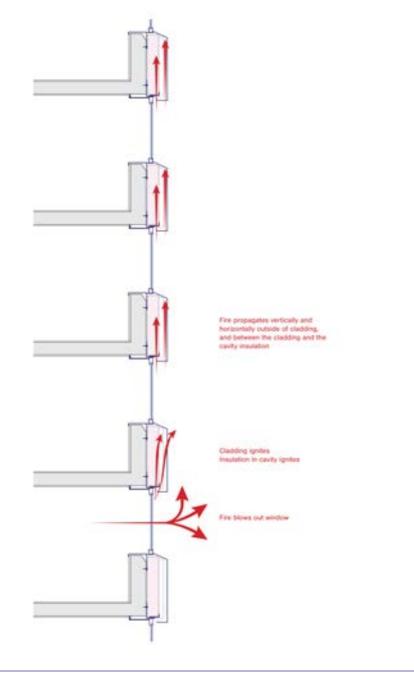


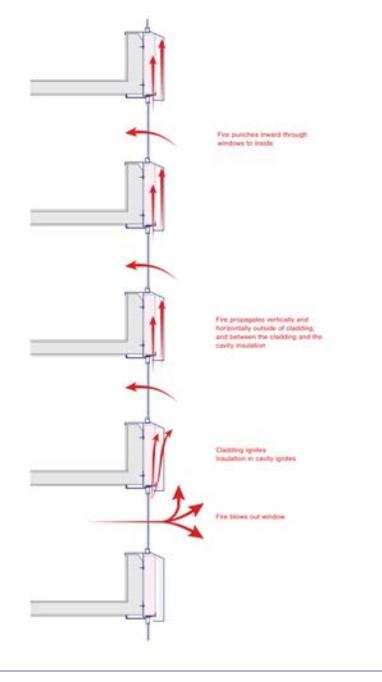












NFPA 285



Image Courtesy Payette

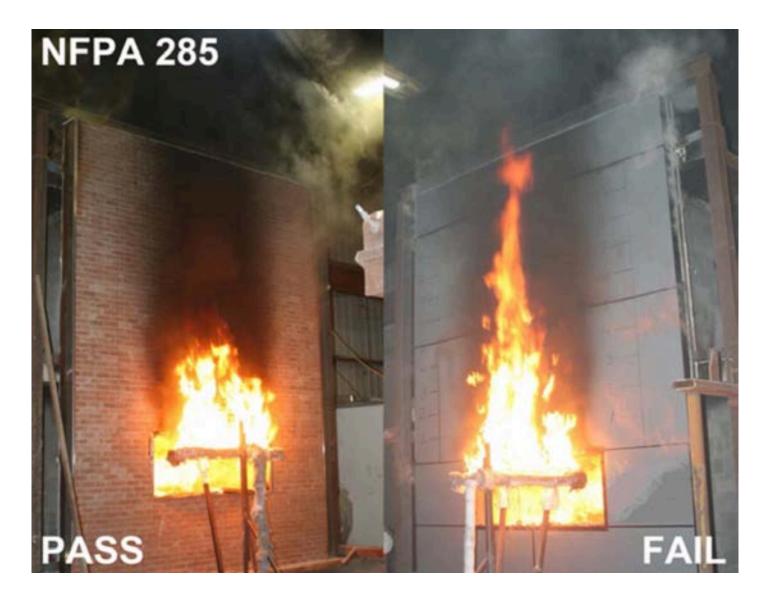


Image Courtesy Payette

Thank You!

This concludes The American Institute of Architects Continuing Education Systems Course.

Your feedback is **important** to us, please complete the **session evaluation** before you leave.

#CONSTRUCT

#CONSTRUCT2019

Joseph Lstiburek

Building Science Corporation

www.buildingscience.com

