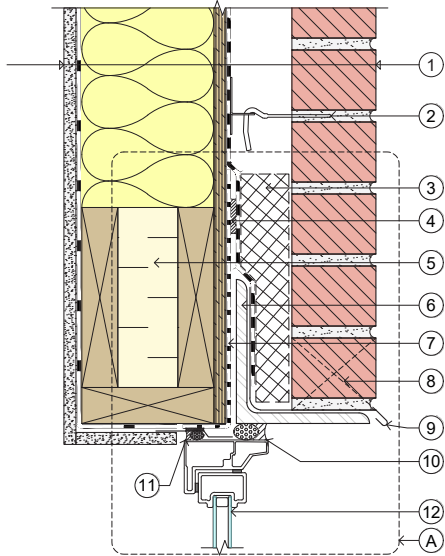
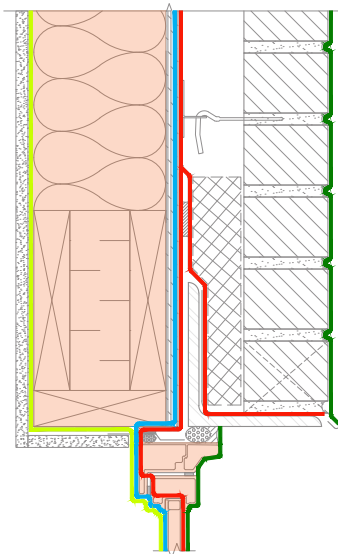


WOOD-FRAMED BACKUP WALL: Window Head Detail



Detail 6-17 Wood-Framed Backup Wall: Window Head Detail



Water-Shedding Surface and Control Layers of Detail 6-17

Legend

1. Typical Assembly:
 - Interior gypsum board
 - Vapor retarder
 - Wood-framed wall with batt insulation
 - Exterior sheathing
 - Mechanically attached air barrier and WRB field membrane
 - Air cavity
 - Anchored masonry veneer
2. Masonry veneer anchor
3. Mortar collection mesh
4. Continuous air barrier sealant
5. Insulated window header
6. Hot-dipped galvanized-steel loose lintel
7. Self-adhered sheet- or fluid-applied air barrier and WRB flashing membrane
8. Vent/weep at maximum 24 inches on-center
9. Sheet-metal head flashing with hemmed drip edge and end dams (beyond)
10. Sealant over backer rod
11. Continuous air barrier sealant tied to continuous seal at window perimeter
12. Non-flanged window
- A. See alternate shelf angle support detailing options on page 63

Detail Discussion

A loose lintel is depicted in this detail; however, the structure support for the anchored masonry above the window could also be a shelf angle support attached back to the wood-framed structure. In this case, the shelf angle would be detailed similar to Detail 6-20.

A continuous bead of air barrier sealant exists between the rough opening flashing and the mechanically attached air barrier and WRB field membrane to maintain air control layer continuity.

Water-Shedding Surface & Control Layers

— Water-Shedding Surface

Control Layers:

— Water

— Air

— Vapor

— Thermal

Note: Control layers are shown for a Class IV permeance (and sometimes Class III permeance) air barrier and WRB field membrane and where a vapor retarder is located at the interior face of the framing.