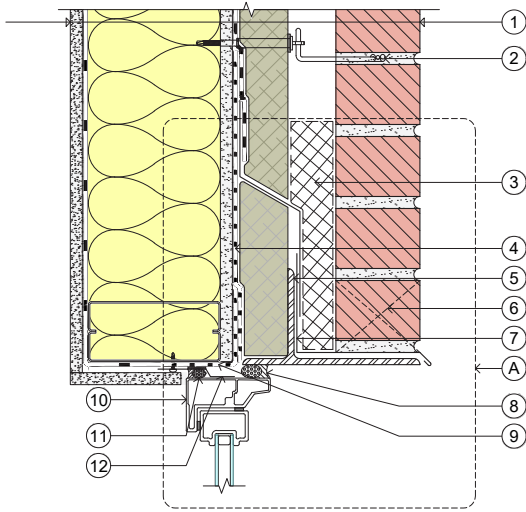


STEEL STUD-FRAMED BACKUP WALL: Window Head Detail



Detail 6-8 Steel Stud-Framed Backup Wall: Window Head Detail

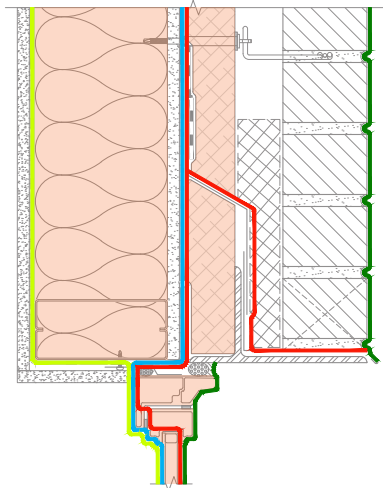
Legend

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

Detail Discussion

A non-flanged window is shown in the detail and facilitates future window replacement without the need to remove the anchored masonry veneer or window flanges.

The intermittent strap anchors used to attach the window to the structure are bed in sealant at the plane of the continuous air barrier sealant at the window perimeter. This allows the air and water control layer to be continuous between the window and rough opening flashing membrane behind strap anchors.



Water-Shedding Surface and Control Layers of Detail 6-8

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.