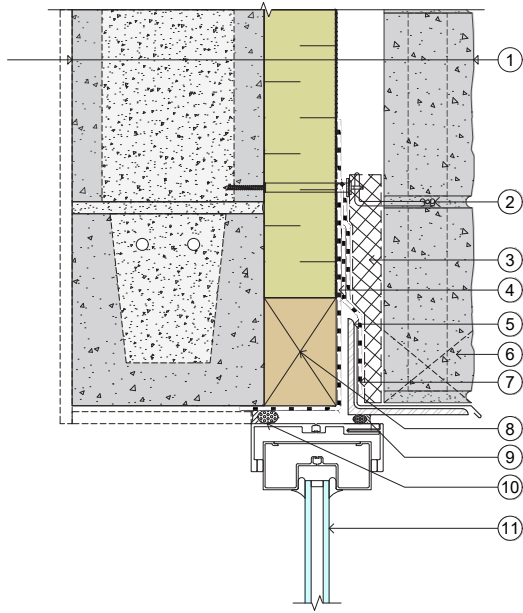
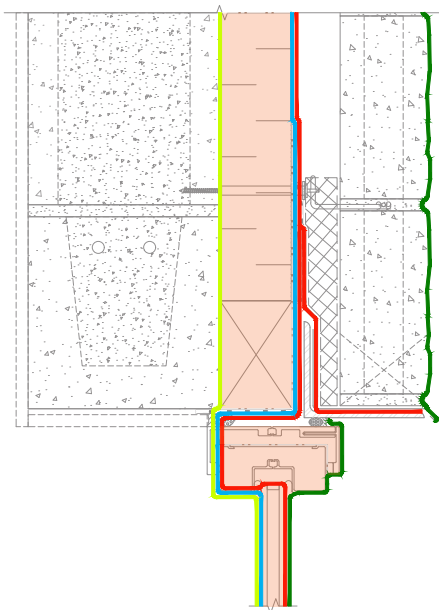


CMU BACKUP WALL: Window Head Detail



Detail 6-1 CMU Backup Wall: Window Head Detail



Water-Shedding Surface and Control Layers of Detail 6-1

Legend

1. Typical Assembly:
 - Single-wythe CMU wall
 - Faced rigid board insulation
 - Air cavity
 - Anchored masonry veneer
2. Masonry veneer anchor
3. Mortar collection mesh
4. Fluid-applied air barrier and WRB flashing membrane
5. Hot-dipped galvanized-steel loose lintel
6. Vent/weep at maximum 24 inches on-center
7. Self-adhered flashing lapping on a sheet metal flashing with end dams (beyond)
8. Continuous blocking anchored to structure for window support and attachment
9. Sealant over backer rod
10. Continuous air barrier sealant tied to continuous seal at window perimeter
11. Storefront window, align thermal break with rigid board insulation

Detail Discussion

The window in this series of details is aligned with the adjacent insulation to minimizing thermal bridging around the rough opening at the window-to-wall interface.

A self-adhered flashing membrane transitions from the face of the insulation to the sheet-metal flashing. This allows water at the face of the insulation (the water control layer) to drain to the exterior through the vent/weep. A self-adhered flashing is used in lieu of a sheet-metal flashing; a sheet-metal flashing would require additional blocking, and less insulation, at the rough opening head for attachment.

Water-Shedding Surface & Control Layers

— Water-Shedding Surface

Control Layers:

- Water
- Air
- Vapor
- Thermal

Note: Control layers are shown for a Class I or II faced rigid insulation board product.