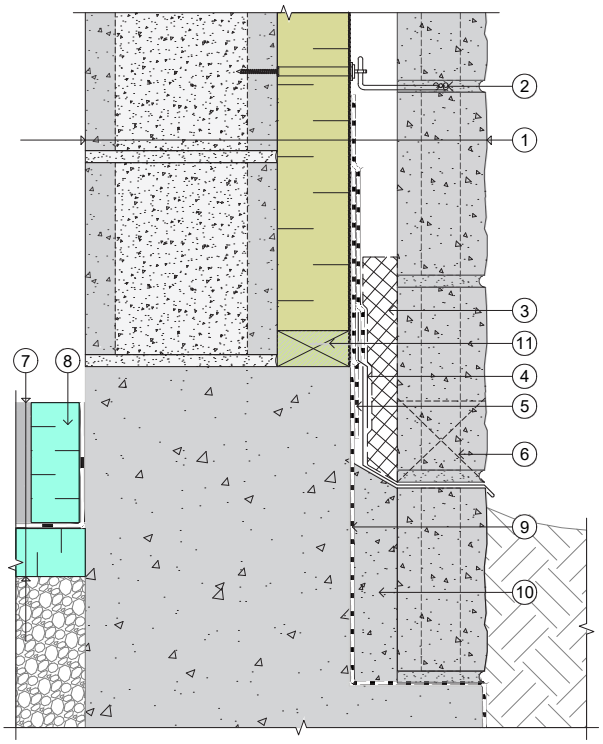
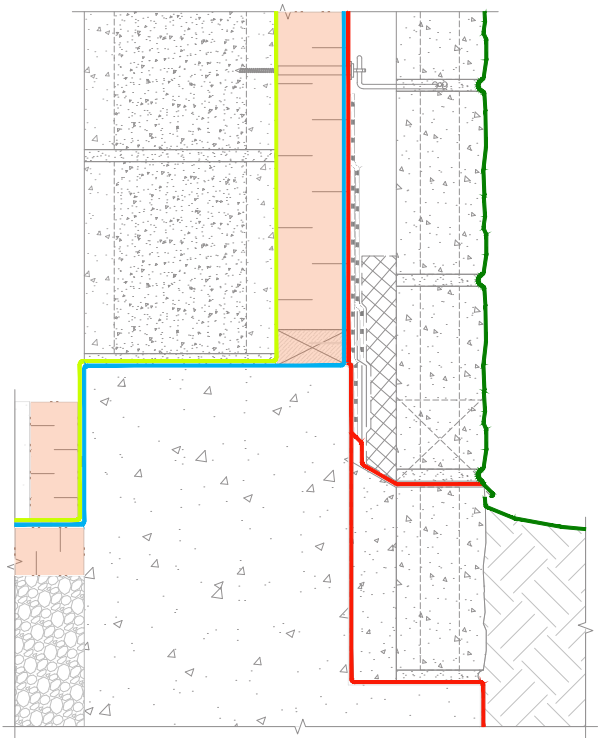
CMU BACKUP WALL: Base-of-Wall Detail



Detail 6-4 CMU Backup Wall: Base-of-Wall Detail



Water-Shedding Surface and Control Layers of Detail 6-4

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. Two-piece sheet-metal flashing with hemmed drip edge and end dams beyond, attached through the wood blocking
5. Fluid-applied air barrier and WRB flashing membrane
6. Vent/weep at maximum 24 inches on-center
7. Typical Assembly at Floor:
   - Concrete floor slab
   - Vapor barrier
   - Rigid XPS insulation
   - Capillary break
8. Rigid XPS insulation thermal break
9. Below-grade waterproofing or dampproofing with protection course where required
10. Continuous grout, sloped at top
11. Preservative treated wood blocking

Detail Discussion

In this detail, a thermal break is provided between the concrete floor slab and foundation element to minimize heat loss at the floor-to-wall interface.

The bottom courses of masonry are at or below-grade; continuous grout exists behind the veneer for support. The sheet-metal flashing shown drains the wall cavity above to the exterior and stops the transfer of any moisture between the above- and below-grade masonry.

Wood blocking shown serves as a nailer to attach the two-piece sheet-metal flashing.

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.