

## DURABLE BUILDING ENVELOPE DETAILS FOR NEW CONSTRUCTION OR ADDITION

### Durability Checklist

- Have adequate roof overhangs been specified?
- Does the roof have adequate slope for the roofing material being used?
- Has valley flashing been adequately detailed?
- Has shading of the building been considered and planned?
- Have all roofing penetrations been adequately flashed and detailed?
- Have gutters been sized and specified?
- Has downspout size, location, and outlet point been detailed?
- Has roof drip edge been specified?
- Has eave ice flashing (adhesive asphalt membrane) been specified?
- Has 15# roofing felt been specified?
- Has attic vent location and design been specified?
- Has a secondary drainage plane been specified where required (building wrap, 15# felt, etc.)?
- Are the drainage plane and flashings at windows and doors properly detailed?
- Have window head, jamb, and sill flashing details been specified?
- Have door head flashing details been specified?
- Has siding corner detail been specified?
- Has air barrier detailing been specified, if needed?
- Has siding selection been specified?
- Have all railing details been specified?
- Has the location and flashing for utility penetrations been specified?
- Have all bathroom, dryer, and kitchen vents been specified to be directly vented to the exterior of the building?
- Does site have adequate slope to remove roof runoff?
- Has adequate foundation backfill material been specified?
- Are ground clearances between framing, siding, and ground properly maintained?
- Is (ground contact rated) treated lumber used where clearances to ground are not sufficient?
- Is foundation drain specified with proper aggregate and filter fabric?
- Are drainpipes located below the top surface of the basement slab?
- Is the foundation drainage system properly installed to provide positive flow of foundation water away from the building?
- Is foundation drain outlet specified - either through daylighting, or sump pump?
- Are foundation bleed holes specified, if needed?
- Is foundation wall damp proofing or waterproofing specified as required?
- Are termite protection measures specified?
- Is basement floor gravel layer specified?
- Has crawlspace, slab, or basement floor vapor barrier been specified?