

# A Properly Constructed Home is a Dry Home

The roof is constructed with properly detailed flashing and overhangs that direct rainwater off the roof and away from the siding

A rain screen barrier is placed between the siding and wall sheathing as a fail-safe measure to keep any water that gets past the siding out of the house

Grade at least 8 inches below bottom of siding

Finish grade slopes away from the house,  $\frac{1}{2}$  to 1" per linear foot

Perimeter footing drains buried in layer of stone carry away any rainwater that does percolate through the soil and also drain groundwater away before it builds up enough pressure to get into the basement

Crushed or washed stone

In a properly constructed home, many barriers and design elements are built into the house to keep water out

Waterproof membrane placed on exterior of foundation walls bridges small cracks and helps prevent water from entering the basement

A 6 mil polyethylene vapor retarder is placed under concrete floor slab to stop ground moisture from getting into the house

Layer of washed or crushed stone under basement slab

Crushed or washed stone

