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, ½ 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.

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

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

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

Crushed or washed stone.

Layer of washed or crushed stone under basement slab.