

## Design and Application Instructions

### Re-walling

Once the old exterior wall material has been removed and the old nails or other protrusions cleaned away, the new wall can be applied. No. 30 felt underlayment should be applied since it is new construction.

### Over-walling

Applying Certi-label Western Cedar shingles or shakes right over an old wall - whether wood, brick, stucco, or synthetic products - is easily done. It saves time involved in both removing the old exterior and in disposing of it. However, avoid nailing over vinyl or aluminum as they are not sufficiently strong to provide a proper support.

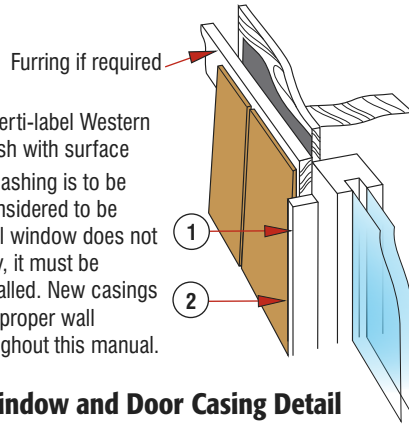
First, nail moulding strips on the face of existing window and door casings, flush with the outer edges. The Certi-label Western Cedar shingles or shakes are then joined to the mouldings (Figure 12).

**Over Beveled Siding** - Applying a new Certi-label Western Cedar shingle or shake wall over old beveled siding can be accomplished in either of two ways: 1) By filling in the low points of the wall with low grade lumber or plywood strips (called horse feathers) of appropriate thickness and thereby increasing the potential nailing surface, or 2) by nailing the Certi-label Western Cedar shingles or shakes to the high points of the bevels of each course of the old wall, or of alternate courses (provided it does not result in weather exposure greater than is recommended (Figure 13).

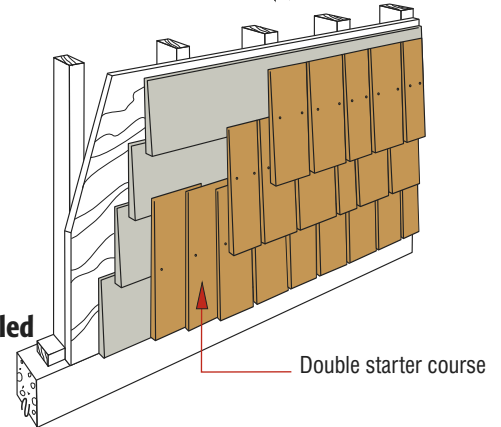
Ensure that the first course is properly attached. All Certi-label Western Cedar shingle and shake product installation must meet nailing and exposure guidelines as detailed in this manual. It may be necessary to add occasional nailing strips.

**Over Masonry or Foam Sheathing** - Masonry walls are easily covered, by vertically furring the walls and applying nailing strips (1 x 3 or 1 x 4) spaced according to the exposure and single/double course product design. When installing over masonry, the nailing strips should be fastened with special nails, driven between the bricks or blocks, so that the outer shingled wall will be firmly attached.

1. Apply new casing to bring Certi-label Western Cedar shingles or shakes flush with surface
2. The integrity of the original flashing is to be utilized. Additional trim is considered to be decorative only. If the original window does not have good structural integrity, it must be removed and a new one installed. New casings are to be installed as part of proper wall construction as shown throughout this manual.

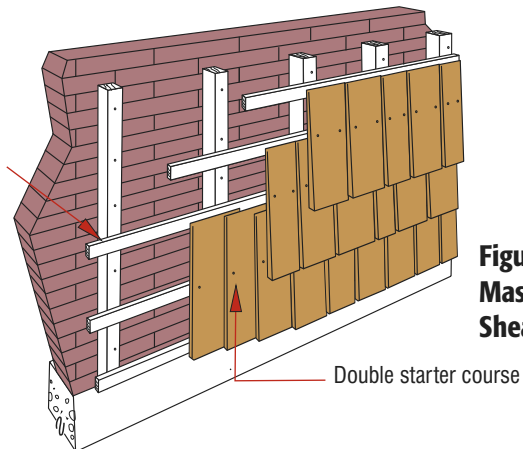


**Figure 12: Typical Window and Door Casing Detail**



**Figure 13: Over Beveled Siding Detail**

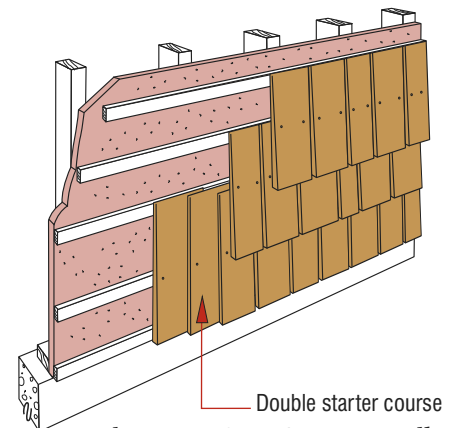
1 x 3 or 1 x 4 nailing strips spaced according to exposure of Certi-label Western Cedar shingles or shakes, regardless of single or double course. (See pages 6-7 )



**Figure 14: Over Masonry or Foam Sheathing Detail**

When installing over foam sheathing, vertical spacers shall be attached with fasteners long enough to penetrate through the foam sheathing and the underlying wood sheathing. Do not apply only to the foam sheathing as it is too weak to provide proper support. (Figure 14).

**Over Stucco** - Nailing strips should be attached with nails long enough to penetrate the stucco and the underlying sheathing. Do not apply directly to the stucco, which is too weak to provide a proper support. If the old stucco is removed, new No. 30 felt underlayment is then applied to the walls, and the shingling can proceed as in new construction (Figure 15).



**Figure 15: Over Stucco Detail**