This information has been designed to aid architects, consultants and builders in specifying Certi-label shakes and shingles. It suggests a standardized terminology and style for ordering in the hope of improving accuracy. It incorporates a general outline of the latest application information. Please note, however, that this is a specification guide only. **The information in this manual is not intended to supercede local building codes**. Refer to local building codes for more information.

General Specification Data

1. The contractor shall cover all roof surfaces with (specify one type of the following product) Certi-Split shakes/Certi-Sawn shakes/Certigrade shingles bearing the Cedar Shake & Shingle Bureau's official grade marked label.
2. Shakes/shingles for roofs shall be (specify grade and length).
3. Shakes/shingles for outer courses shall be (specify grade and length).
4. Shakes/shingles for undercourses shall be (specify grade and length).
5. Roof shakes/shingles shall be laid with a weather exposure of (specify in inches).

Roof Application-Sheathing Boards

6. Certi-Split shakes/Certi-Sawn shakes shall be applied over solid sheathing. A solid deck is recommended in seismic activity, hurricane and tornado regions and in areas where wind-driven snow is encountered and under pressure impregnated treated shakes and shingles. Please note that the only solid sheet sheathing tested with Certi-label shakes & shingles is plywood. Check with your local building official for plywood thickness/dimensions.

   Certi-Split shakes/Certi-Sawn shakes/ Certigrade shingles may also be applied over spaced sheathing.

7. All open sheathing shall be 19mm x 89mm or 19mm x 140mm boards (minimum 19mm x 89mm for both shakes and shingles).
8. All solid sheathing shall be lumber or structural panels applied according to specifications of the American Plywood Association. Please note: the only solid sheet sheathing tested with shakes and shingles is plywood. Check with your local building official for plywood thickness/ dimensions.

Roofing Felt Interlay (for shakes only)

9. Contractor shall apply a 914mm wide strip of No. 30 ASTM D226 Type II or No. 30 ASTM D4869 Type IV roofing felt at the eave line. A 457mm wide strip of No. 30 ASTM D226 Type II or No. 30 ASTM D4869 Type IV roofing felt shall be applied over the top portion of the Certi-label shakes and extend onto the sheathing. Bottom edge of felt shall be positioned at a distance above the butt equal to twice the weather exposure.

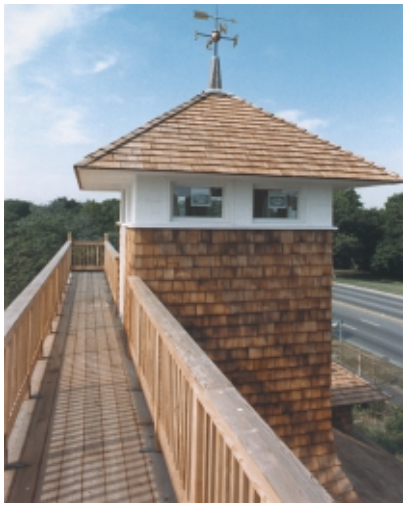
   Note: felt interlay between courses is not necessary when straight-split, or taper-split shakes are applied in snow-free areas at weather exposures of less than one-third the total shake length (3-ply roof). Contact the CSSB for more information or visit www.cedarbureau.org

Roofing General Application Data

10. Certi-label shakes/shingles shall be at least doubled at all eaves.
11. Butts of the Certi-label shakes/shingles in the first course on roofs shall project 38mm from the edge of roof eaves to insure proper spill into gutters and approximately 25mm at gable and rake edge.
12. Certigrade shingles shall be spaced apart not less than 6mm, not more than 10mm.
13. Certi-Split or Certi-Sawn shakes shall be spaced apart not less than 10mm, not more than 16mm.
14. Premium and Number 1 Grade Certi-label shakes/shingles shall be applied with the weather exposures consistent with the following tables:

Maximum weather exposure		
Shingle length	**14° to 18° roof slope**	**18° and steeper**
406mm	95mm	127mm
457mm	108mm	140mm
610mm	146mm	190mm
Shake length and exposure		
457mm	190mm	
610mm	254mm	
Note exception for resawn shakes: 610mm x 10mm shake = 190mm		

15. Chimney flashing shall extend up the chimney to a height not less than 76mm, up the roof slope to a point equal in height to the flashing on the chimney but never less than 1 1/2 times the Certi-label shake/shingle exposure. (All metal flashings should be painted.)
    Manufactured step-flashing:
    127mm x 178mm shingle = 64mm wall, 64mm roof
    203mm x 305mm shakes = 102mm wall, 102mm roof
16. Apron counter flashing shall extend to within 25mm of the surface of the finished roof.



Architect: Bill Latoza, Photo: Bill Latoza