

## DECKING REQUIREMENTS

All decking material shall be composed of dimension lumber (2" nominal thickness) or span rated decking in accordance with the American Lumber Standard Committee *Policy for Evaluation of Recommended Spans for Span Rated Decking Products (November 5, 2004)*. Attach decking to each joist with 2-8d threaded nails or 2-#8 screws. Space decking boards approximately  $\frac{1}{8}$ " apart. See Figure 11 for decking connection requirements at the rim joist. Decking placement may range from an angle perpendicular to the joists to an angle of 45 degrees to the joists. Each segment of decking must bear on a minimum of 3 joists (or 3 supports).

Decking not meeting these requirements may be substituted when the product has been *approved* by the

authority having jurisdiction; however, connections equivalent to those shown for lumber or span rated decking are assumed.

## JOIST SIZE

The span of a joist,  $L$ , is measured from the face of support at one end of the joist to the face of support at the other end of the joist and does not include the length of the overhangs,  $L_O$ . Use Table 2 to determine allowable joist span,  $L_J$ , based on lumber size and joist spacing. Joist span,  $L$ , must be less than or equal to allowable joist span,  $L_J$ . Overhang length is the lesser of allowable overhang,  $L_O$ , or one fourth the joist span,  $L/4$ . See Figure 1 and Figure 2 for joist span types.