

1. POST SLEEVE INSTALLATION

WARNING: POST SLEEVES ARE NOT DESIGNED TO BE USED IN STRUCTURAL APPLICATIONS. THEREFORE, THEY SHOULD NOT BE USED WHERE THEY MAY BE SUBJECT TO WEIGHT BEARING APPLICATIONS SUCH AS SUPPORTS FOR A ROOF OF A PORCH OR DECK. POST SLEEVES SHOULD NOT BE NOTCHED FOR INSTALLATION.

NOTE: BEFORE MOUNTING RAILING SECTION TO POST SLEEVE, INSTALLER MAY NEED TO TEMPORARILY SHIM POST SLEEVE TO KEEP POST FROM TWISTING OR BECOMING OUT OF PLUMB.

- The Post Sleeve has been designed to slide easily over a nominal wood 4 x 4 (min. 3 3/8" x 3 3/8", max. 3 9/16" x 3 9/16") post after the deck sub-structure is complete and the deck boards have been fastened.
- The 4 x 4 should extend down to the bottom of the rim joist and be completely "BOXED IN" around all 4 corners for the firmest attachment (see Figure 1).
- At this time, make sure the 4 x 4 wood posts are level and plumb to ease the installation of your railing system. If the nominal wood 4 x 4 post is twisted or oversized it will be necessary to shave the 4 x 4 wood post.
- Slide the Post Sleeve over the wood post (Do not force the Post Sleeve over the 4 x 4 as it may eventually lead to a crack or split).
- Post Sleeves may also be used over a wood post installed with a Surface Mount Bracket or over a Tallboy Surface Mount Bracket. For installation of a wood post to concrete, refer to the Surface Mount Bracket installation instructions or your local dealer.
- When using 6 x 6 post sleeves, a minimum 5 3/8" x 5 3/8" and a maximum 5 9/16" x 5 9/16" outside post dimension is required for a proper fit.

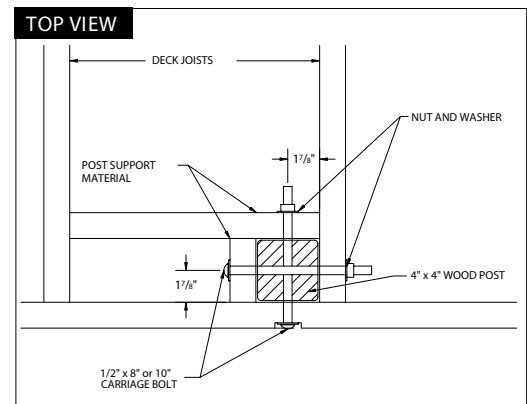


Figure 1

2. POST SLEEVE HEIGHT CALCULATIONS

- Calculate and cut Post Sleeve to required height (see Figure 2). Slide Post Sleeve over 4" x 4" wood post into position. For 36" rail, cut Post Sleeve to a minimum of 38". For 42" rail, cut Post Sleeve to a minimum of 44".

3. POST SLEEVE MEASUREMENTS & CUTTING

- Measure between posts, top and bottom to obtain the rail length. Also check the opening to ensure the Post Sleeves, newel posts or walls where the rail is to be installed are square and plumb.

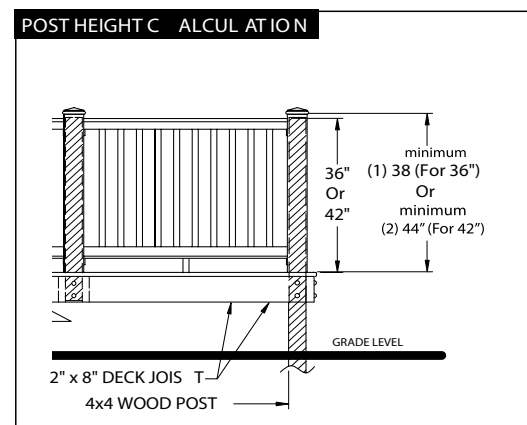


Figure 2