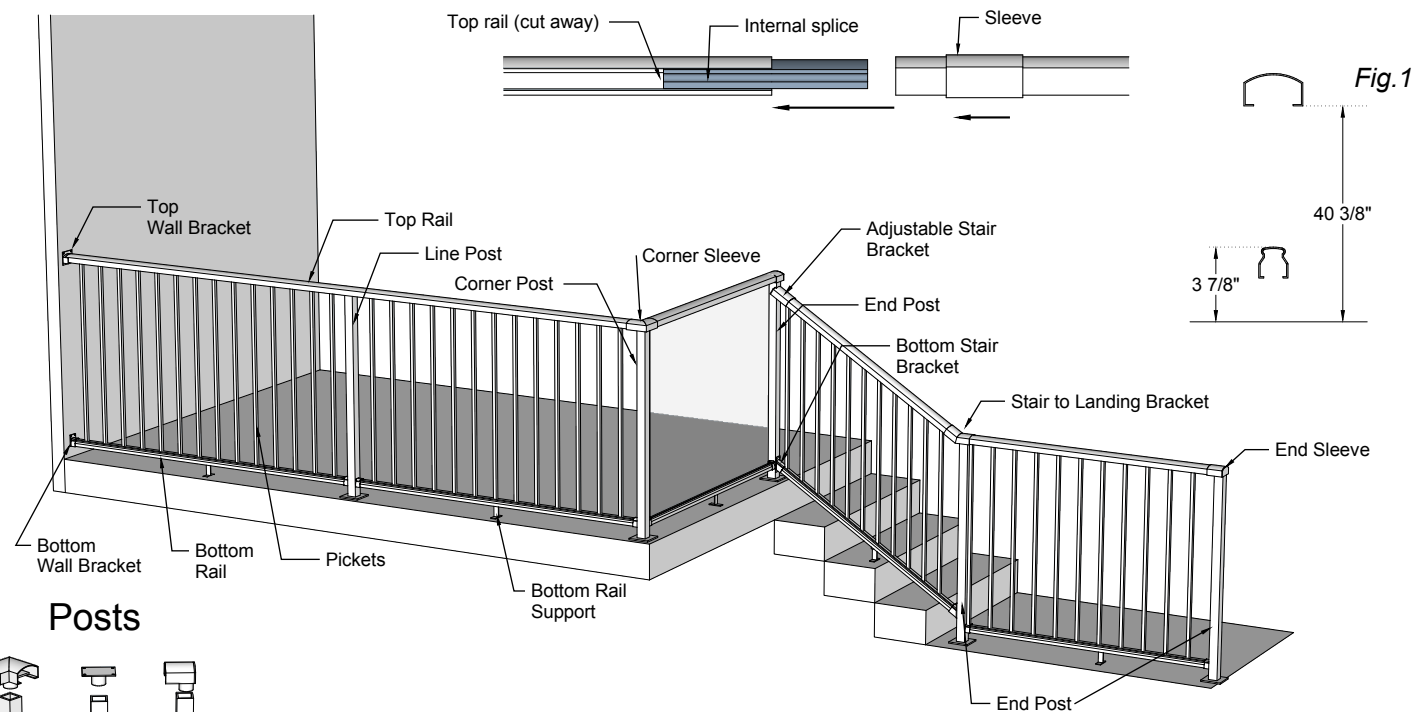


Installation Guide



Post Installation

Fig. 1 Install all wall brackets, end and corner posts, ensuring posts are plumb and aligned properly with the baseplate inset 1" from edge of deck. Measure each section and calculate line post spacing, (max. 8' span for picket, 5" span for glass) as per applicable engineering. (A string line may be useful to align posts.) Temporarily install line posts (1 fastener only).

Top & Bottom Rail Installation

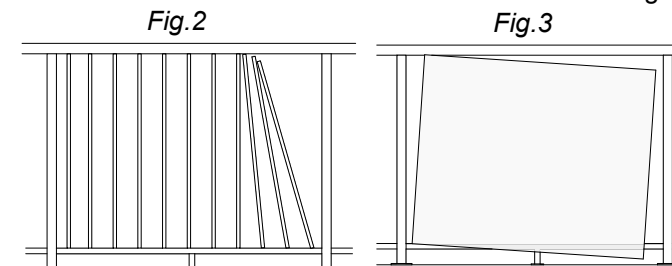
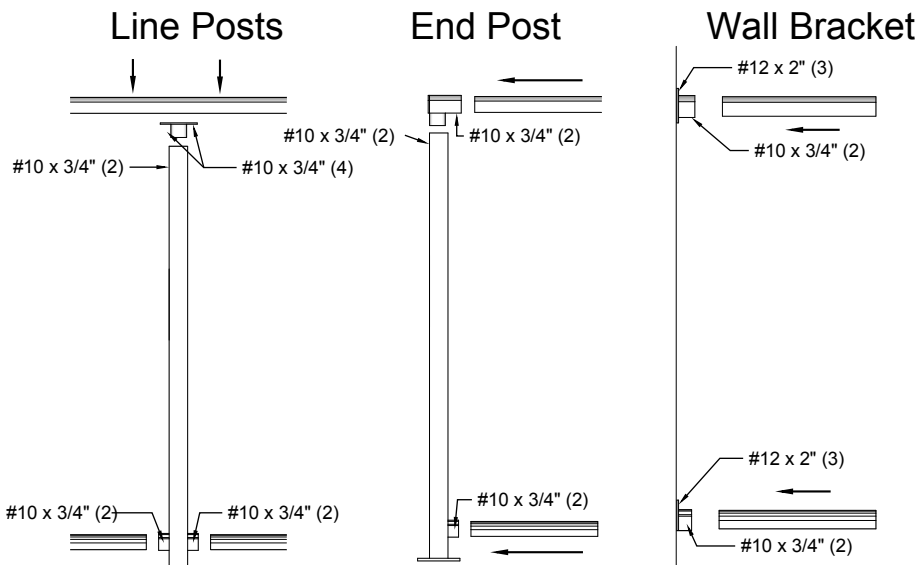
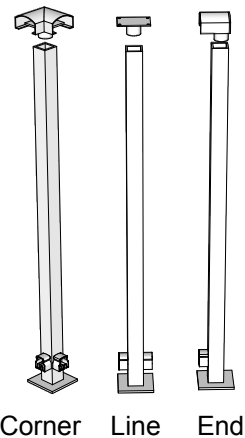
Cut bottom rail to length. For picket railing, center holes for even spacing. Note: At no time should you have pickets closer than 2" from a post. This can be overcome by centering and trimming the bottom rail from both ends. For the glass railing, insert 2 glass blocks into the bottom rail, about 8" from either end. Remove your first line post and slide the bottom rail into the bottom sleeve on the post. Reinstall post with 1 fastener. Repeat procedure until complete. Install support legs, with a minimum of 1 per section. No support legs required on sections smaller than 3'. Cut top rail to length and install, plumbing up the line posts side to side at this time and securing to the top rail. Install the remaining deck screws and plumb post back or forth by shimming the baseplate.

Picket or Glass Installation

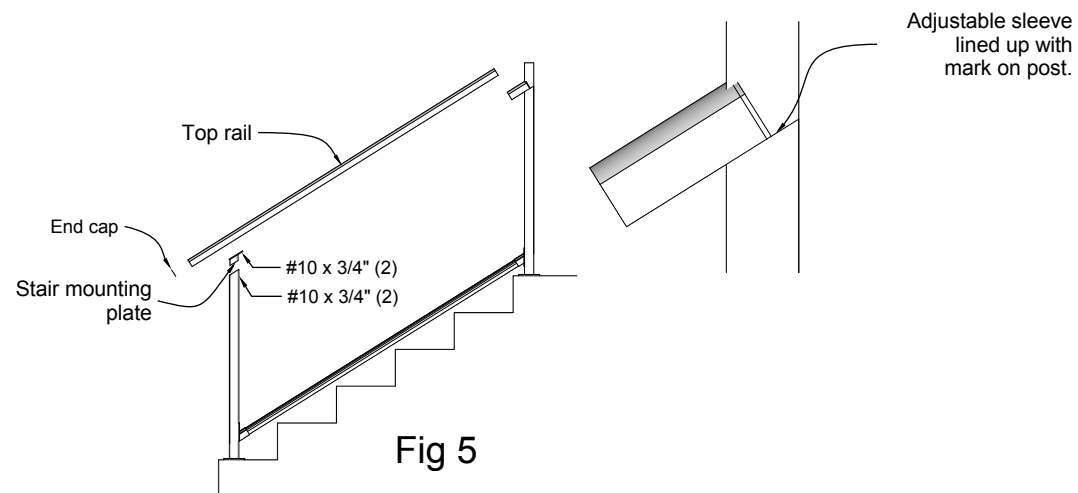
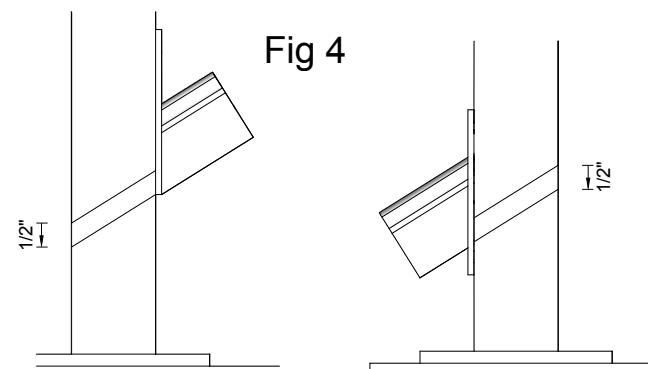
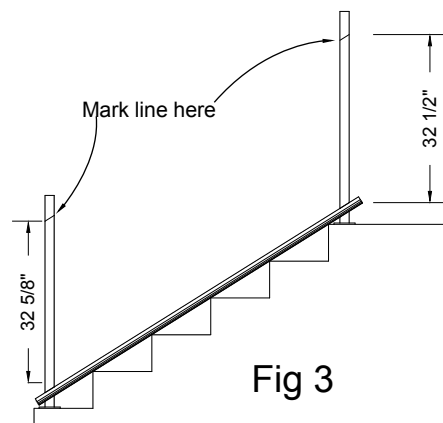
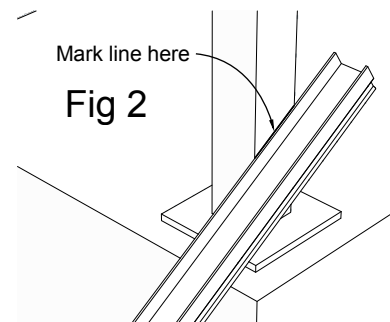
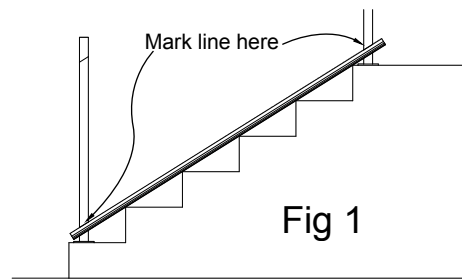
Picket: **Fig. 2** Insert picket insert into top rail. Cut and install first spacer clip the same size as space between the first bottom rail hole and post. Start installing pickets, putting the picket into the bottom rail and plumbing it and inserting a spacer clip into the top rail. Continue until there are 3 empty spaces. Insert those pickets as a group, then spread them out and secure with spacer clips cutting last clip to length. Check plumbness every few pickets and adjust if required.

Glass: **Fig. 3** Insert glass insert into top rail. Check that the glass blocks are still about 8" from either end of bottom rail. Lift glass into the top rail until the bottom clears the bottom rail. Move the bottom of the glass forward and slide down into the bottom rail. It will sit on the 2 glass blocks previously installed. You may have to loosen the top rail from the posts if the glass won't clear the bottom rail. Tighten after glass is installed.

Posts



Stair Installation Guide



1. Temporarily install stair posts, then lay a piece of upside down bottom rail along the toe of the steps so it touches the side of the posts Fig 1.

2. Using a pencil, mark a line on the post using the bottom rail as a straight edge Fig 2.

3. Measure up the post from that line, 32 1/2" for the top post, and 32 5/8" for the bottom and any mid posts and mark a line parallel to the previous one Fig. 3.

4. Remove the bottom and any mid posts, and cut along the marked line.

5. Go back to the bottom line on all the posts, and measure down 1/2" and mark a line. Attach the bottom rail sleeves, pointing up and down, even with this line Fig 4.

6. Cut bottom rail to correct length and insert into stair brackets, then reinstall all posts Fig 5.

7. Install the adjustable stair bracket so the bottom is even with the top line on the upper post. Insert the stair mounting plates on the other posts, then insert the top rail.