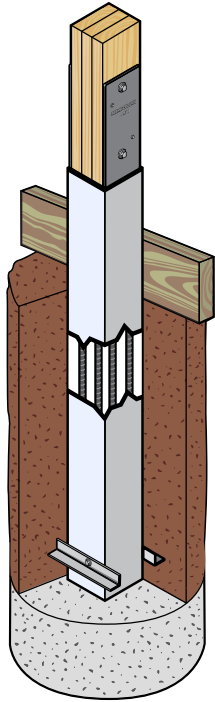


- Installs the same as standard post-frame columns
- Builds the same as post-frame construction
- Lasts for generations

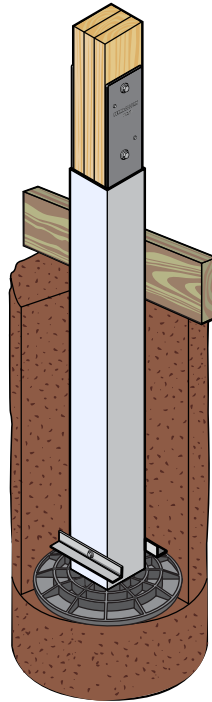


**HOW TO INSTALL:** Place concrete pads or equivalent in bottom of hole. Tilt Perma-Column® off skid-loader forks into post hole. Perma-Column® must be placed so that the top of the precast concrete is above finished grade no more than 12-inches and no less than 8-inches in accordance with IBC Section 2304.12.2.2. Plumb the column using standard leveling procedures. Backfill the hole with suitable compacted soil, wet-poured concrete, or a self-leveling and self-compacting cementitious material.

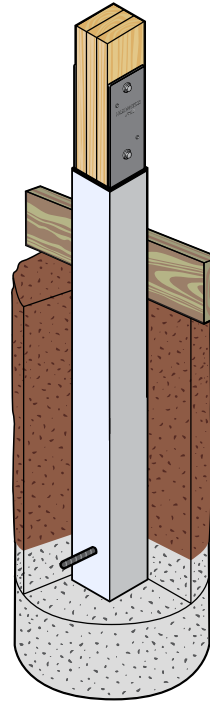
**IMPORTANT NOTE:** Steel bracket and the concrete column must not be cut or modified in any way.



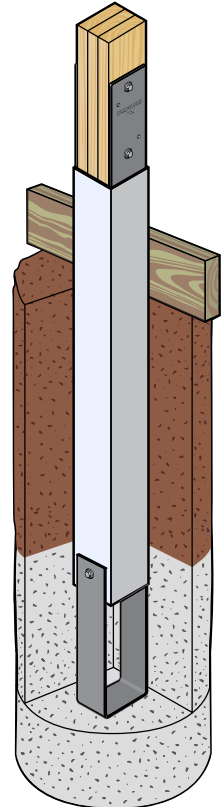
Precast concrete footing pad with uplift anchors



Composite footing pad with uplift anchors



Concrete collar



Column extender

#### UPLIFT ANCHOR



Attach uplift anchors and column extenders to sleeve\* at bottom of Perma-Column® with ½" bolt, tighten firmly until component stops rotating. ½" x 7" bolt and nut required for PC6300, PC6400 and PC6600. ½" x 9" bolt and nut required for PC8300, PC8400 and PC8500.

\*If sleeve is not visible, lightly tap concrete 2 ¾" up from the bottom of the post to expose the steel sleeve.

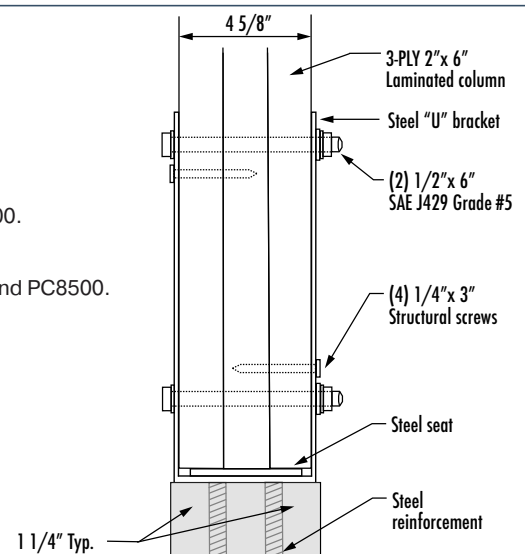
### Fasteners required to secure wood columns to steel bracket:

- (4) 1/4" x 3" Structural screws required (refer to ESR-4238 for specifications) for PC6300, PC6400 and PC6600.
- (8) 1/4" x 3" Structural screws required (refer to ESR-4238 for specifications) for PC8300, PC8400 and PC8500.
- (2) 1/2" x 6" SAE J429 Grade #5 HHCS bolt, nut and washer required for PC6300 and PC8300.
- (2) 1/2" x 7" SAE J429 Grade #5 HHCS bolt, nut and washer required for PC6600.
- (2) 1/2" x 8" SAE J429 Grade #5 HHCS bolt, nut and washer required for PC6400, PC8400 and PC8500.

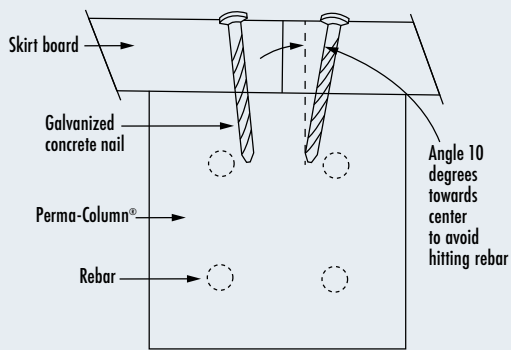
**Drilling instructions:** Holes must be drilled precisely perpendicular to column; widening misaligned holes in wood or steel is not acceptable.

**Torque requirements:** When using 1/2" SAE J429 Grade #5 bolts, insert into drilled holes and tighten nuts to approximately 110-foot pounds of torque.

**NOTE:** Download our product guide for solid, nail lam and glu lam model options and associated hardware kits, available on our website.



## SKIRT BOARD ATTACHMENT

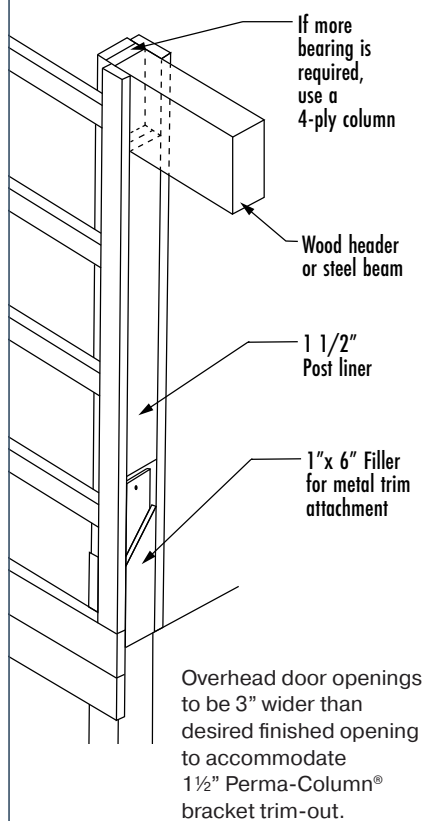


1. Drill 3/16" hole with masonry drill bit (1 1/4" deep)
2. Locate hole 1 3/4" from edge and angle 10 degrees
3. Use galvanized 3/16" x 2 1/2" concrete nails

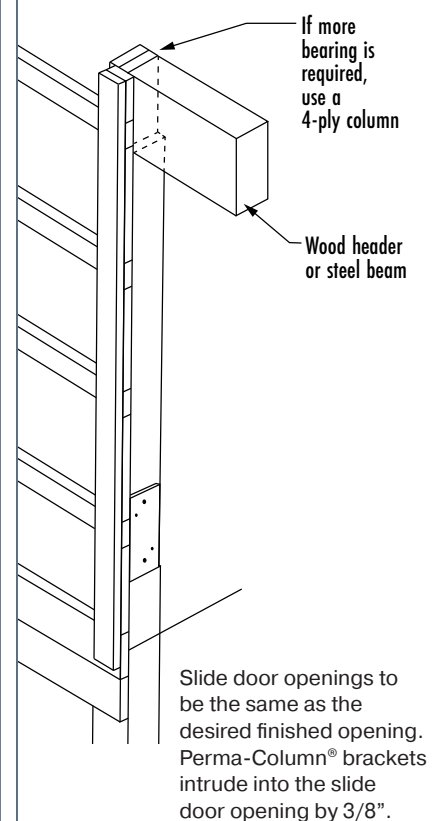
**NOTE:** Avoid using concrete screws and concrete nail gun. Most are not designed for high-strength concrete and result in screws being stripped, heads twisting off, or surface chipping.

**NOTE:** Use KDAT-rated treated lumber for the skirt board. To optimize your permanent foundation, install Perma-Column® precast concrete skirt boards.

## OHD DOOR JAMB

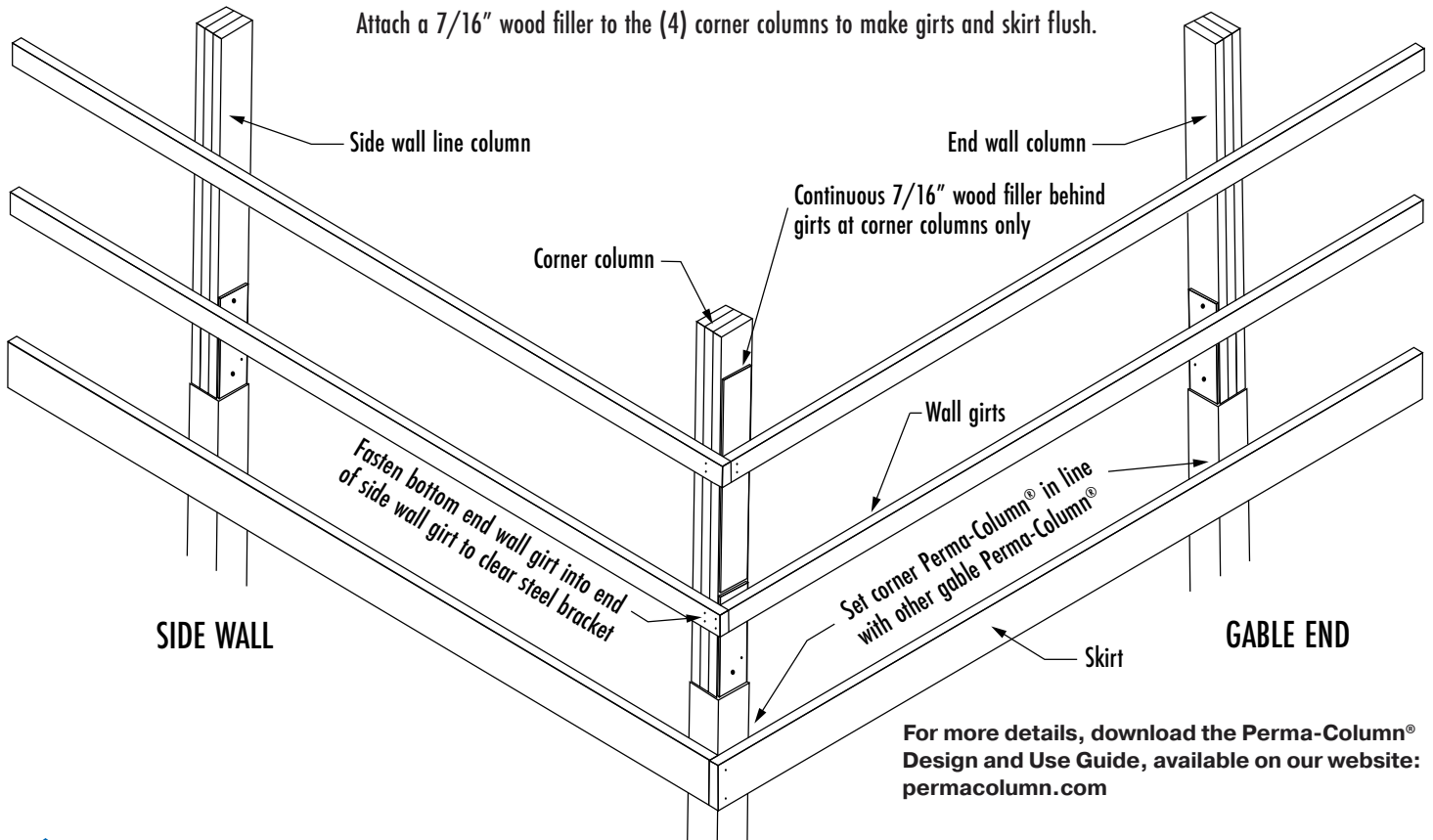


## SLIDE DOOR JAMB



## TYPICAL BUILDING CORNER CONSTRUCTED WITH PERMA-COLUMN®

Attach a 7/16" wood filler to the (4) corner columns to make girts and skirt flush.



For more details, download the Perma-Column® Design and Use Guide, available on our website: [permacolumn.com](http://permacolumn.com)



**BUILD BETTER. BUILD STRONGER. BUILD TO LAST.**  
[permacolumn.com](http://permacolumn.com)