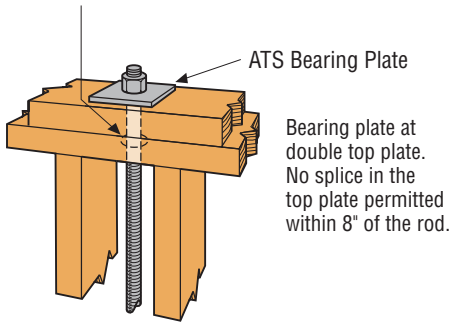


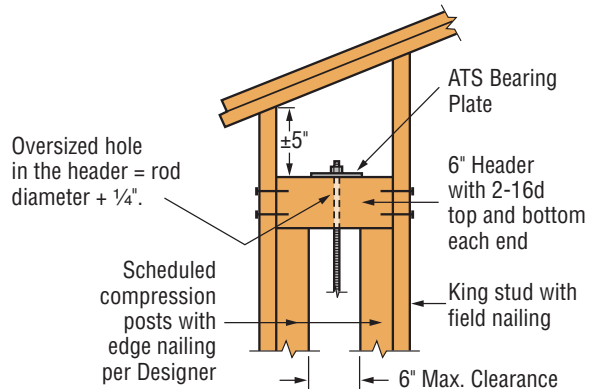
# INSTALLATION DETAILS

## RUN TERMINATION DETAILS

Holes in plates = rod diameter + 1/4".

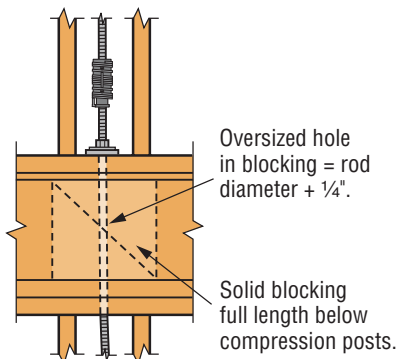


**Top Plate Detail**

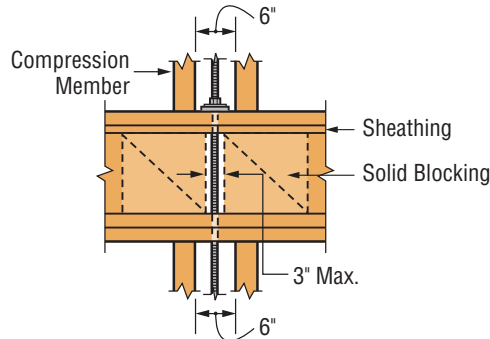


**Bridge Block Detail**

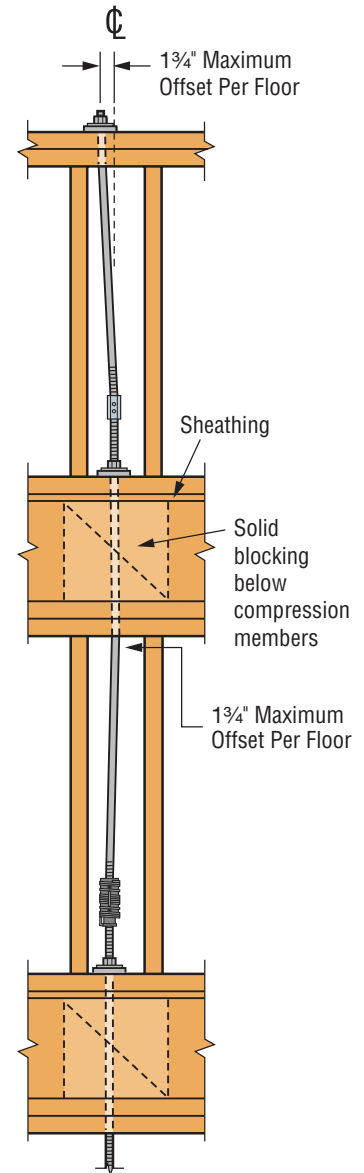
## FLOOR SYSTEM BLOCKING DETAILS



**Blocking Detail**

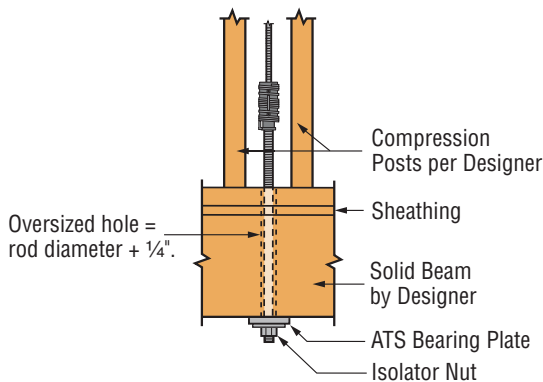


**Alternate Blocking Detail**

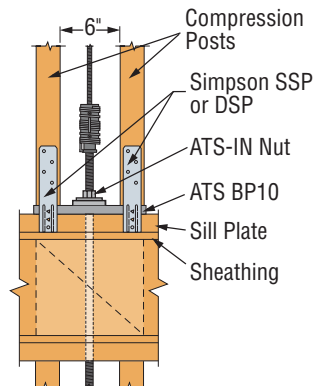


**Allowable Rod Offset From Centerline:**  
**1 1/4" maximum per floor**

## ADDITIONAL DETAILS



**Wood Beam Detail**

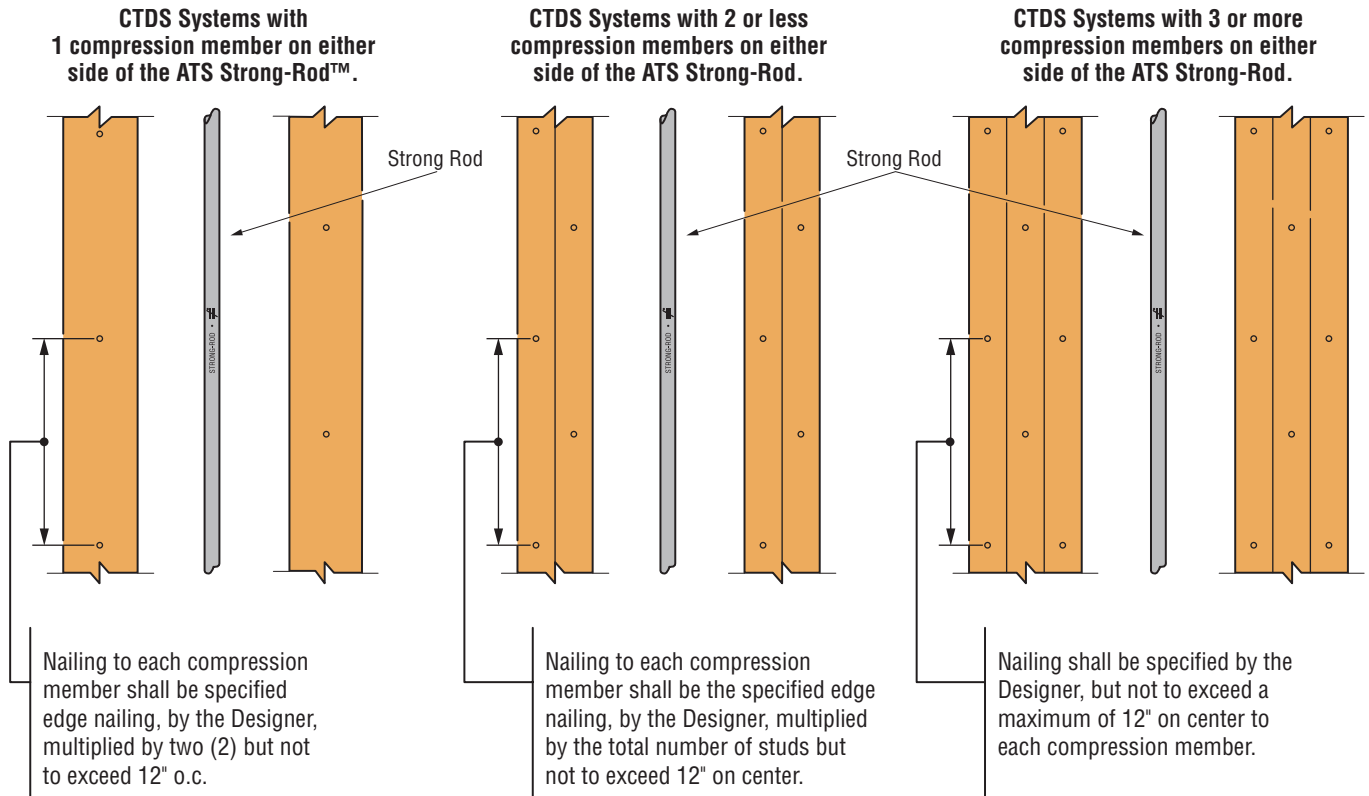


**Studs over ATS-BP10 Bearing Plates**

# INSTALLATION DETAILS (CONT.)

## SHEARWALL EDGE NAILING

Edge nailing and compression members size shall be specified by the Designer.



**Example:** (4) total compression members: 2" o.c. edge nailing x 4 = 8" o.c. nailing at each compression member.

## COMPRESSION MEMBERS: GENERAL NOTES

1. Studs, posts and blocking details are specified by the Designer and are not shipped with the Anchor Tiedown System.
2. With the Anchor Tiedown System, it is not necessary to design the lumber in tension. See the Compression Member Selection Tables on pages 36–41 for compression member allowable capacities and additional design assumptions.
3. The compression capacity of the lumber listed in the tables are based on the 2005 National Design Specification (NDS) for the plate heights, wall plate and compression member species specified.
4. Wall plates and stud species are assumed to be the same as specified in the Compression Member Selection Tables (UNO). The Designer must review the compression members for variation of species, or unsupported heights other than those listed in the tables.
5. Allowable perpendicular to grain stress for D.Fir-L lumber based on 625 psi, Southern Pine lumber based on 565 psi, Spruce-Pine-Fir lumber based on 425 psi, and Hem-Fir lumber based on 405 psi. Parallam lumber based on 625 psi or 565 psi as it will bear on solid sawn lumber.
6. 2x and 3x based on # 2 grade, 4x and 6x lumber based on #1 grade.
7. Bearing area factor  $C_b$  not included in lumber values.
8. Perpendicular to grain capacities listed in the Compression Member Selection Tables may be multiplied by  $C_b$  for bearings not nearer than 3" to the end of the horizontal member.  $T$  is the width of the compression member.
9. Effective length of lumber ( $l_e$ ) equal to plate height, less (3) 2x wall plates (i.e. 4½").
10. Capacities shown, assume  $K_e = 1.0$ .

T (in)	1.50	2.50	3.50	5.50	≥ 6.00
$C_b$	1.25	1.15	1.11	1.07	1.0