

# Truss Connection Detail for 1500# Load Parallel to Trusses For Connection to Scab Applied to Truss

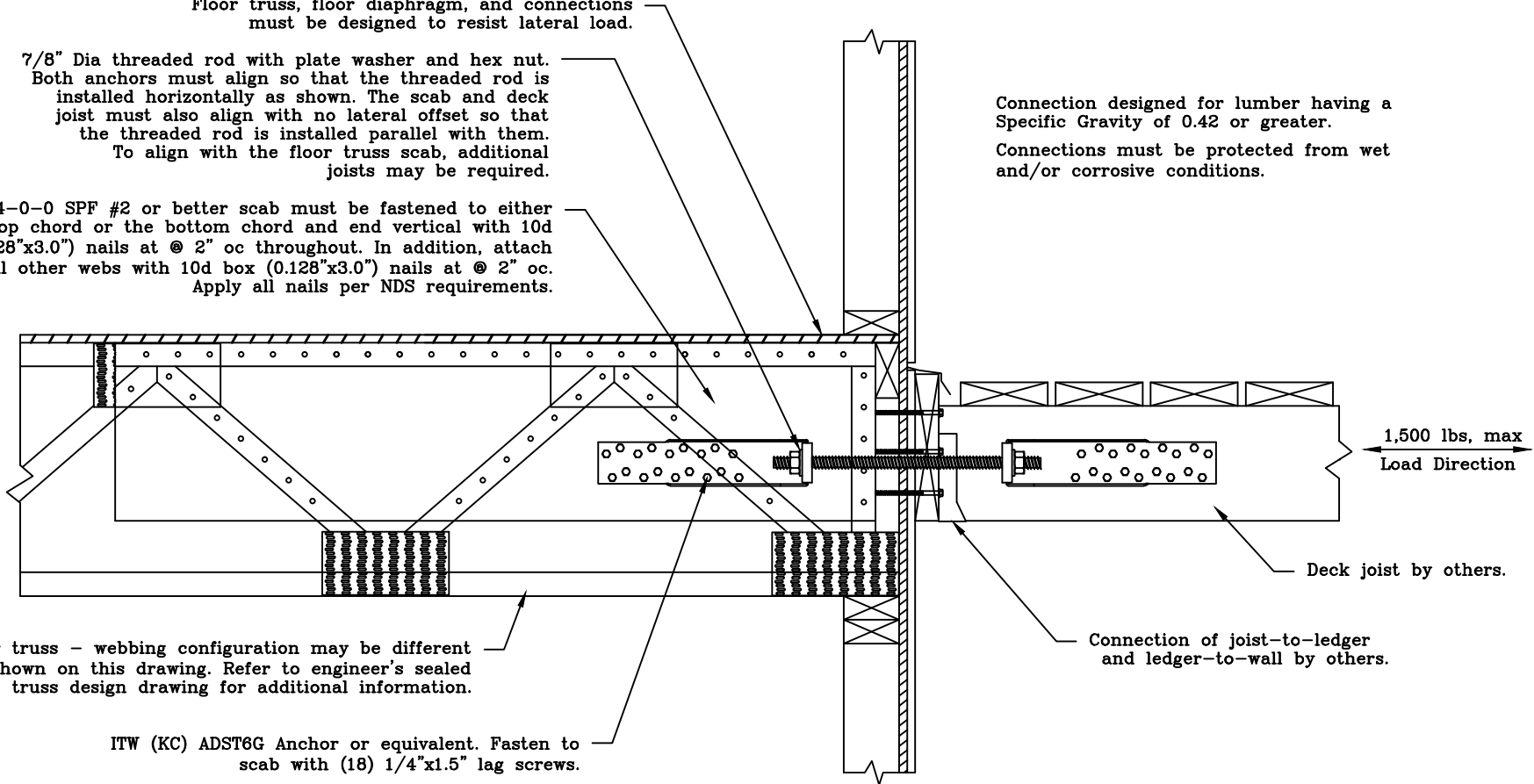
Floor truss, floor diaphragm, and connections must be designed to resist lateral load.

7/8" Dia threaded rod with plate washer and hex nut. Both anchors must align so that the threaded rod is installed horizontally as shown. The scab and deck joist must also align with no lateral offset so that the threaded rod is installed parallel with them. To align with the floor truss scab, additional joists may be required.

2x12 x 4-0-0 SPF #2 or better scab must be fastened to either the top chord or the bottom chord and end vertical with 10d box (0.128"x3.0") nails at @ 2" oc throughout. In addition, attach to all other webs with 10d box (0.128"x3.0") nails at @ 2" oc. Apply all nails per NDS requirements.

Connection designed for lumber having a Specific Gravity of 0.42 or greater.

Connections must be protected from wet and/or corrosive conditions.



Floor truss - webbing configuration may be different than shown on this drawing. Refer to engineer's sealed truss design drawing for additional information.

ITW (KC) ADST6G Anchor or equivalent. Fasten to scab with (18) 1/4"x1.5" lag screws.



13389 Lakefront Drive  
Earth City, MO 63045

**WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING  
**IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.

For more information see this job's general notes page and these web sites:  
ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinst.org](http://www.tpinst.org); SBCA: [www.sbcindustry.org](http://www.sbcindustry.org); ICC: [www.iccsafe.org](http://www.iccsafe.org)

TC LL	PSF	REF	---
TC DL	PSF	DATE	10/01/14
BC DL	PSF	DRWG	CNPARASC1014
BC LL	PSF	-ENG	
TOT. LD.	PSF		
DUR. FAC.			
SPACING			