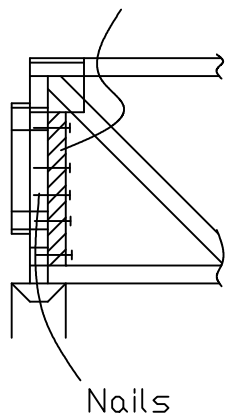


## ADDING BLOCKS ON SY42 TRUSS

\*Adding Blocks On SY42 Truss (Trusses using flatwise lumber) for wall to truss connection\*.

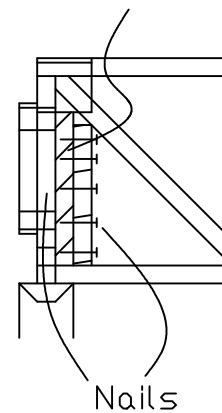
Block Added



Condition 1

- Add (1) 4x2 SPF or better vertical block to wide face of inside existing end vertical(s) with (5) 10d box nails (0.128"x3.0", min.) in (2) rows at 3" min. o.c.

Blocks Added



Condition 2

- Add (2) 4x2 SPF or better vertical blocks to wide face of inside existing end vertical(s) with (5) 10d box nails (0.128"x3.0", min.) in (2) rows at 3" min. o.c. in each block, as applied.

- Maximum Downward Gravity reaction to use this connection must not exceed 1200 lbs.
- Block Connection can transfer maximum 400 lbs in vertical direction.
- This Detail may only be applicable for the webbing pattern/geometry that is consistent with the diagrams above.

\*Connection for truss to wall to be designed and furnished by others.



155 Harlem Ave  
North Building, 4th Floor  
Glenview, IL 60025

**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 shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face 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.sbcacomponents.com](http://www.sbcacomponents.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)

REF SY42 Strap

DATE 11/10/2021

DRWG SYS42STP1121