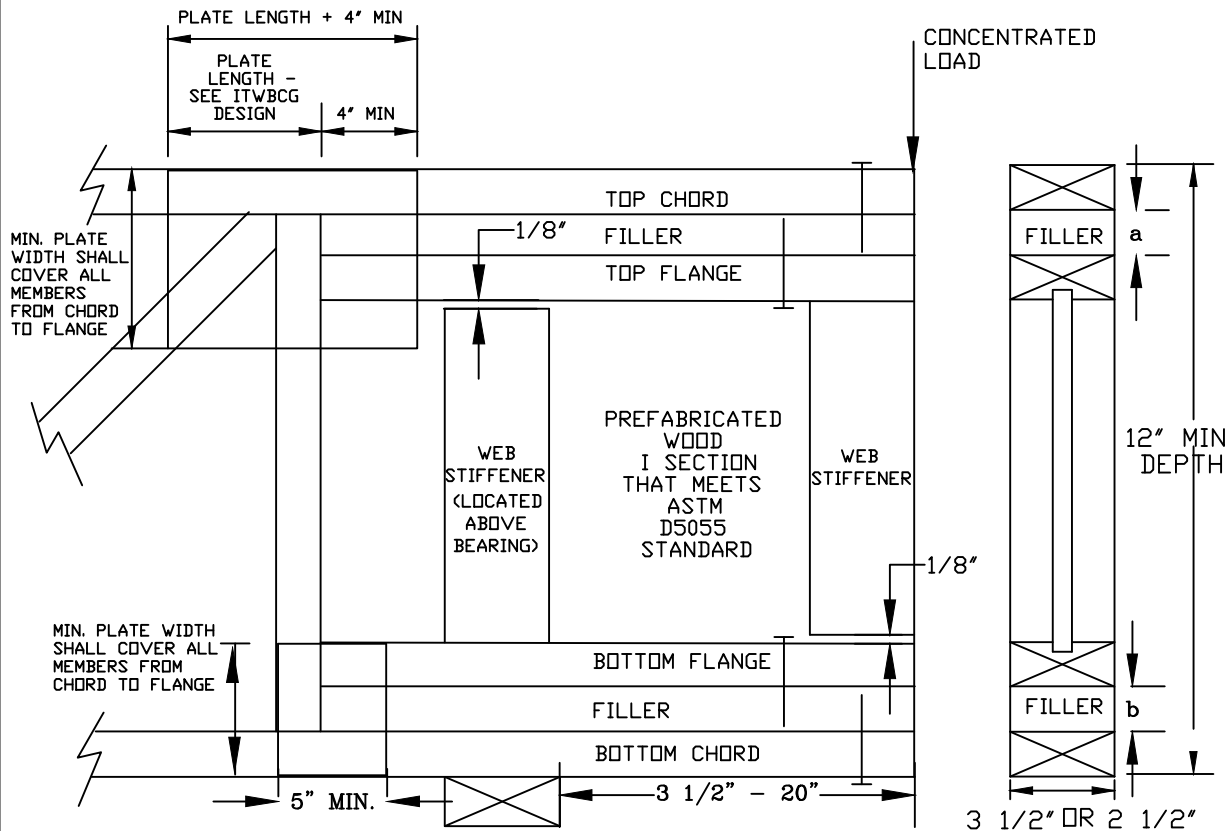
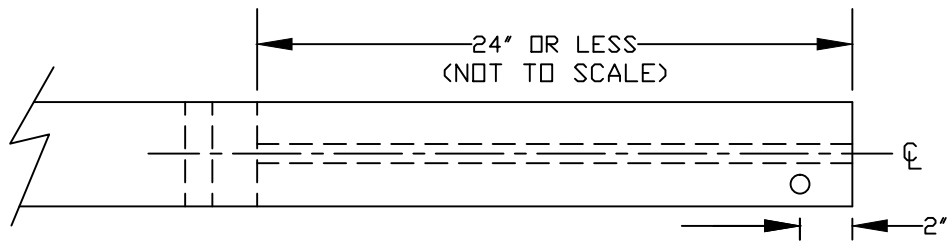


# WOOD I SECTION TRIMMABLE END W/ STIFFENER & CONC LOAD DETAIL



THIS DETAIL APPLIES TO 4X2 AND 3X2 TRUSSES ONLY.

ALLOWABLE SPAN OF I SECTION MUST EQUAL OR EXCEED SPAN OF TRUSS. APPLY WEB STIFFENERS TO I SECTION BASED ON I SECTION MANUFACTURER'S SPECIFICATIONS.

TRUSS END MAY BE TRIMMED UP TO 20". DO NOT CUT METAL CONNECTOR PLATES.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN. THE END PANELS ON THE TRIMMABLE END ITWBCG DESIGN DRAWING MAY BE REPLACED WITH THIS DETAIL.

EXTEND PLATE 4" TO ENSURE MIN. COVERAGE ON PREFABRICATED I SECTION, AND PLATE WIDTH TO COVER FULL THICKNESS OF I SECTION.

ANY RIM BOARDS, PERIMETER BANDS, BLOCKING, OR THEIR CONNECTIONS, WHICH MAY BE REQUIRED TO CARRY WALL LOADS ABOVE TRUSS THAT ARE DIRECTLY ALIGNED WITH THE TRUSS BEARINGS OR LATERAL BUILDING LOADS NOT CONSIDERED IN THE DESIGN OF THE TRUSS, ARE TO BE DESIGNED BY THE BUILDING DESIGNER.

MAX UNIFORM LOAD IS 110 PLF. MAX CONCENTRATED LOAD AT CANTILEVER END IS 2000 POUNDS.

USE 10d BOX (0.128" X 3") NAILS 2" FROM END ALONG TOP AND BOTTOM CHORDS AS SHOWN. WHEN FILLER IS USED, ADDITIONAL NAILS SHOULD BE USED TO CONNECT THE I SECTION FLANGE TO THE FILLER AS SHOWN. (MAY BE NAILED AFTER THE END IS TRIMMED)

FILLER MATERIAL (3X OR 4X LUMBER, PLYWOOD, AND OSB) SHOULD BE USED TO FILL GAPS BETWEEN TRUSS CHORDS AND I SECTION FLANGES. ANY COMBINATION OF FILLER CAN BE USED ABOVE AND BELOW THE I SECTION PROVIDED THAT:  $a = 0' - 4.5'$ ,  $b = 0' - 4.5'$ , AND  $a + b \leq 4.5'$ .

UPLIFT REACTIONS REQUIRE ENGINEERING REVIEW.

**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 150A-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)



514 Earth City Expressway  
Suite 242  
Earth City, MO 63045

TC LL	40 PSF	REF TRIMMABLE ENDS
TC DL	10 PSF	DATE 10/01/14
BC DL	5 PSF	DRWG TRIMI2CL1014
BC LL	0 PSF	
TOT. LD.	55 PSF	
DUR. FAC.	1.00	
SPACING	24.0"	