(J4-629-| -- | - A13)

Top chord 2x6 SPF 1650f-1.5E :C2, C3 2x6 SPF #1/#2:
Bot chord 2x4 SPF #1/#2 :B4, B5 2x4 SPF 2100f-1.8E:
:B6, B7 2x6 SPF 2100f-1.8E:
Webs 2x4 HF Std/Stud
:W2, W4, W13, W16, M2 2x4 SPF 1650f-1.5E:
:W3, W6, W9, W11, W14 2x4 SPF #1/#2: :W10 2x6 SPF 1650f-1.5E:
Filler 2x4 SPF 1650f-1.5E

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 69 plf at -1.64 to 69 plf at 43.04
TC- From 373 plf at 43.04 to 396 plf at 49.41
TC- From 396 plf at 49.41 to 429 plf at 58.67
BC- From 4 plf at -1.64 to 4 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 36.83
BC- From 22 plf at 36.83 to 22 plf at 41.75
BC- From 20 plf at 41.75 to 20 plf at 58.67
BC- 3900.00 lb Conc. Load at 43.04

Wind loads and reactions based on MWFRS with additional C&C member design.

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC.

Calculated vertical deflection is 0.54" due to live load and 1.07" due to dead load at X = 43-0-8.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Uplifts based on an elevation of 1000 ft.

2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @ 5.75" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
4" o.c. spacing of nails perpendicular and parallel to grain required in area over bearings greater than 4"

Brg blocks:0.131"x3", min. nails

brg	x-loc	#blocks	length/blk	#nails/blk	wall plate
3	58.208'	1	12"	4	Rigid Surface

Bearing block to be same size and species as (Filler)
Bot chd. Refer to drawing CNNAILSP0109 for more info.

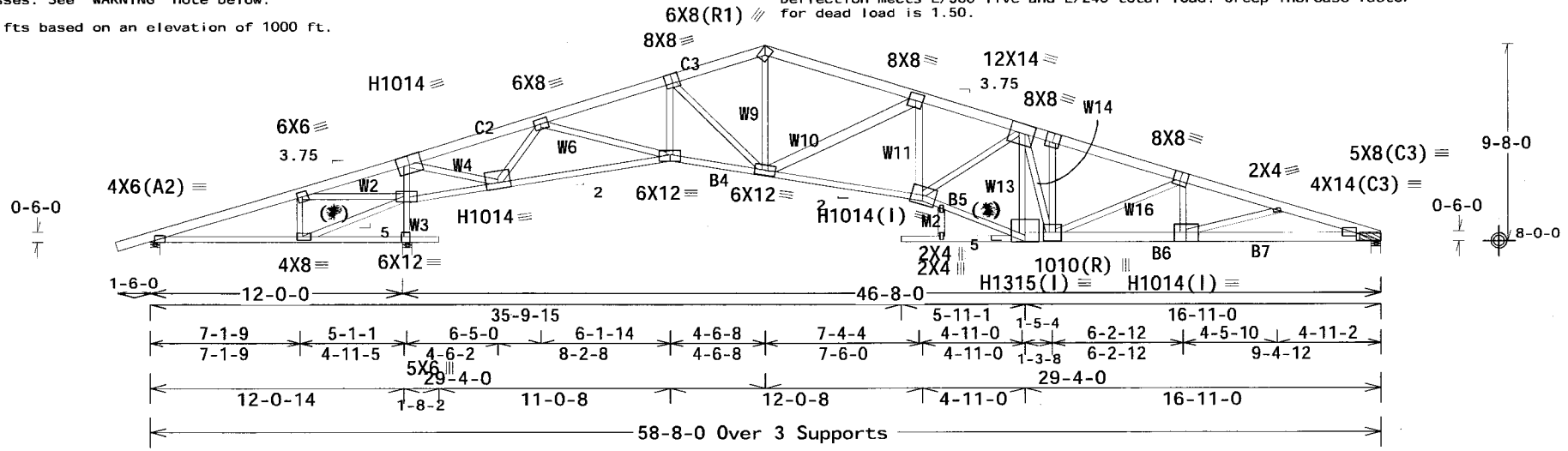
Negative reaction(s) of -974# MAX. (See below) from a non-wind load case requires uplift connection.

(I) - plates so marked were sized using a Fabrication Tolerance of 0% and a Rotational Tolerance of 0 degrees.

115 mph wind, 15.00 ft mean hgt, ASCE 7-10, OPEN_CLEAR bldg, Located anywhere in roof, RISK CAT II, EXP C, wind TC DL=8.4 psf, wind BC DL=4.8 psf.

Calculated horizontal deflection is 0.15" due to live load and 0.30" due to dead load.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: IBC2012/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=20%(0%)/10(0) 13.01.(

Central AZ Truss 623-878-9251
8769 N 75th Ave, Peoria AZ 85345
ALPINE
ITW Building Components Group, Inc.
Sacramento, CA 95828
AZ COA #13174-0

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING 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 WTCA) 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.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. 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. 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 design 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: ITW-BCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

Expires:6,

02/13/2014

AZ/-/1/-/-/R/-		Scale =.135"/Ft.
TC LL	20.0 PSF	REF R7630- 70895
TC DL	14.0 PSF	DATE 02/13/14
BC DL	10.0 PSF	DRW CAUSR7630 14044083
BC LL	0.0 PSF	CA-ENG TSB/CWC
TOT.LD.	44.0 PSF	SEQN- 644766
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1V3U7630Z01