Top chord 2x4 SPF(S) #2
Bot chord 2x4 SPF 2100f-1.8E :B2 2x4 SPF(S) #2:
   Webs 2x4 SPF(S) #2

MAX CSI: TC = 0.81, BC = 0.87, WEBS = 0.57.

(a) Continuous lateral restraint equally spaced on member.

Calculated vertical deflection is -0.05" due to live load at X = 26-0-0 and -0.08" due to total load at X = 26-0-0. L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Top Chord overhang(s) may be field trimmed.

100 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=6.0 psf, wind BC DL=6.0 psf.
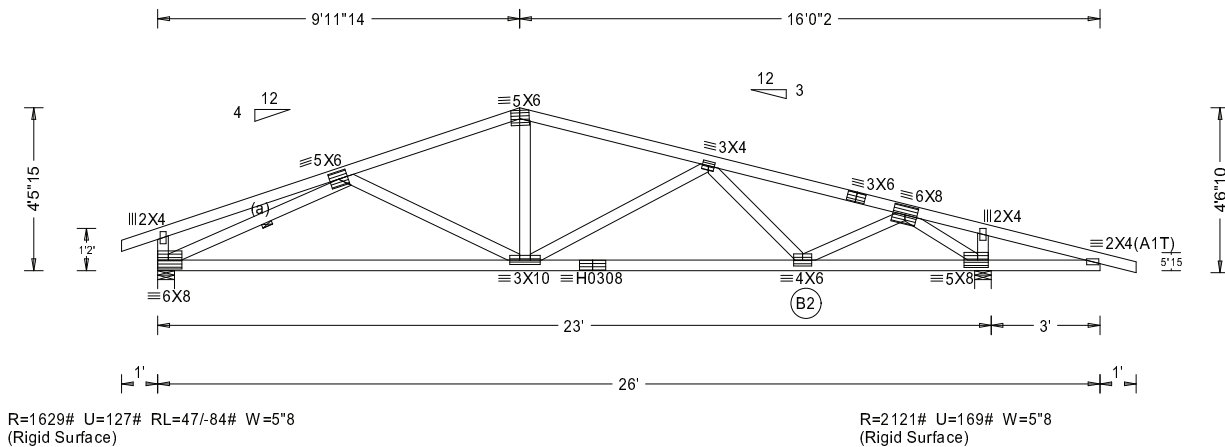
Wind loads and reactions based on MWFRS with additional C&C member design.

Right cantilever is exposed to wind

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IRC-09 section 301.5.

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

Truss designed for unbalanced snow load based on Pg=60.00 psf, Ct=1.10, Ce=1.00, CAT II (Is=1.00) & Pf=46.20 psf.

LEFT RAKE = 1'0"10

RIGHT RAKE = 1'0"6

R=1629# U=127# RL=47/-84# W=5"8
(Rigid Surface)

R=2121# U=169# W=5"8
(Rigid Surface)

PLT. TYP.-WAVE   DESIGN CRIT=IRC2009/TPI-2007 FT/RT=20%(0%)/10(0)

QTY= 4 TOTAL= 4

REV. 17.02.02.1205.20

SEQ = 124470
SCALE =0.2500

TC LL	46.2psf
TC DL	10.0psf
BC DL	10.0psf
BC LL	0.0psf
TOT.LD.	66.2psf
DUR.FAC.	1.15
SPACING	24.0"

REF	
DATE	02-08-2018
DRWG	
	jh
O/A LEN.	26
JOB #:	HMP32083
TYPE	COMN