

Top chord 2x4 DF-L #1(g)
 Bot chord 2x4 DF-L #1(g)
 Webs 2x4 DF-L #1(g)

100 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=9.6 psf, wind BC DL=6.0 psf.

Connectors in green lumber (g) designed using NDS/TPI reduction factors.

Wind loads and reactions based on both MWFRS and C&C.

MAX CSI: TC = 0.70, BC = 0.99, WEBS = 0.51.

Right cantilever is not exposed to wind

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Roof overhang/cantilever supports 5.00 psf soffit load.

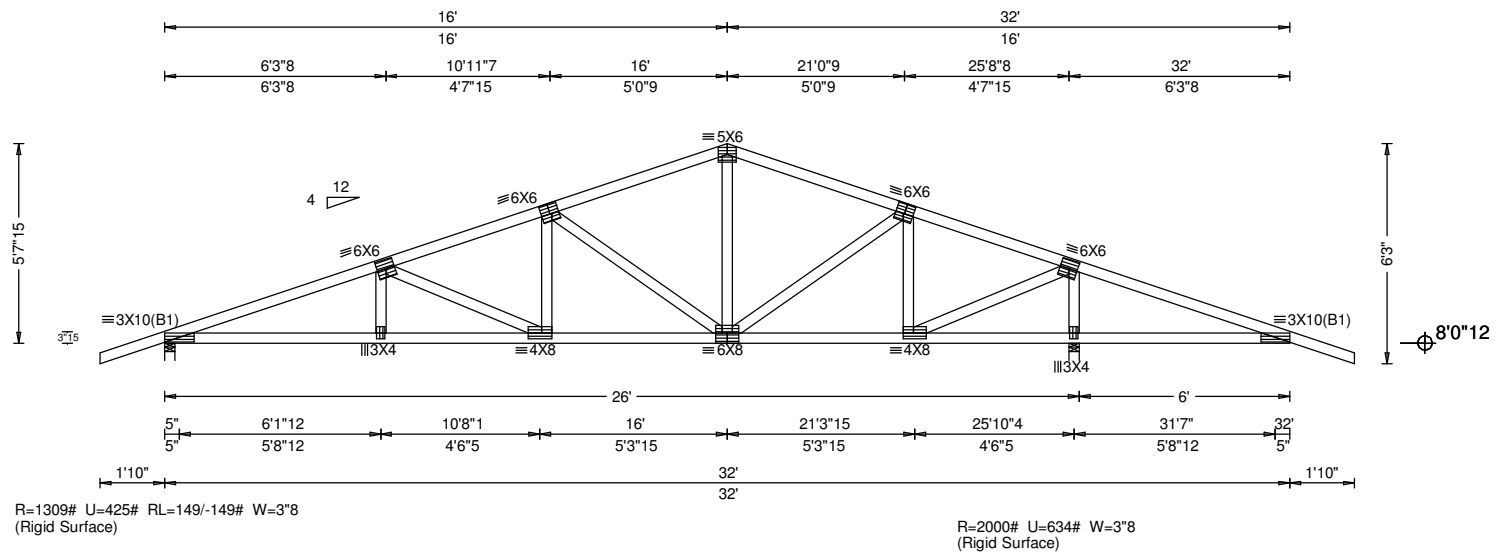
CHORD	SPACING(IN OC)	START(FT)	END(FT)
BC	69	0.15	32.00

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per CBC-10 section 1607A.

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 2.00.

Truss designed for unbalanced snow load, based on Pf=Pg=20.00 psf.



LEFT RAKE = 1'11"3

RIGHT RAKE = 1'11"3

DESC. = 4:12 COMN
 PLT. TYP.-WAVE

QTY= 12 TOTAL= 12

REV. 10.03.12.0410.00

SEQ = 11234
 SCALE = 0.1875

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG PLATES ARE MADE OF 20/18/16GA (W.H/SS/K) ASTM A653 GRADE 40/60 (W.K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TC LL	20.0psf
TC DL	16.0psf
BC DL	10.0psf
BC LL	0.0psf
TOT.LD.	46.0psf
DUR.FAC.	1.15
SPACING	24.0"

REF	
DATE	08-13-2012
DRWG	
O/A LEN.	32
JOB #:	TEST 2012
TYPE	COMN