



A LUMBER SPECIFICATIONS

SIZE	SPECIE GRADE	PANEL(S)
2x 4	DF	#1&BTR 1- 6
2x 4	DF	#1&BTR 1- 4
2x 4	DF	STAND 1- 5

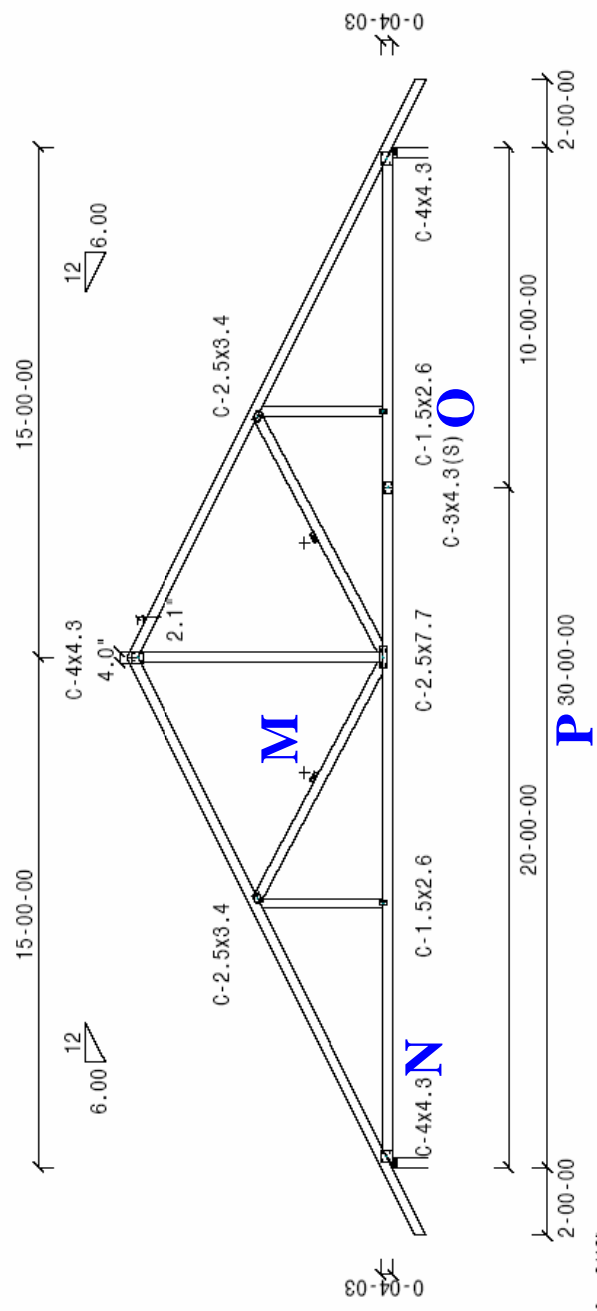
TC LATERAL SUPPORT <= 12'00. UOM. **B**
 BC LATERAL SUPPORT <= 12'00. UOM.
 OVERHANGS: 24.0" 24.0"
 Reactions: 1230 1230

C TRUSS SPAN 30'- 0.0"
 LOAD DURATION INCREASE = 1.25
 SPACED 24.0" O.C.
E DL (16.0)+DL (14.0) ON TOP CHORD = 30.0 PSF
 DL ON BOTTOM CHORD = 7.0 PSF
 TOTAL LOAD = 37.0 PSF

G UBC 97/TPI SINGLE MEMBER FORCES 4WRGD **I**
 T 1 = 0 B 1 = 1655 W 1 = 111
 T 2 = -1950 B 2 = 1652 W 2 = -667
 T 3 = -1315 B 3 = 1652 W 3 = 747
 T 4 = -1315 B 4 = 1655 W 4 = -667
 T 5 = -1950 B 5 = 1655 W 5 = 111
 T 6 = 0

LEFT = 1110 RIGHT = 1110 **K**

J BRG @ 0'- 0.0'- 1.78 DF / 2.74 HF / 2.61 SPF
 BRG @ 30'- 0.0'- 1.78 DF / 2.74 HF / 2.61 SPF
L MAX LL DEFL = -0.059" (L/5083) @ 15'- 0.0' L/240 = 1.471"
 MAX TL DEFL = -0.188" (L/2557) @ 15'- 0.0' L/180 = 1.961"
 MAX HORIZ. LL DEFL = 0.027" @ 29'- 8.5"
 MAX HORIZ. TL DEFL = 0.062" @ 29'- 8.5"



Scale: 3/16"
 JOB NAME:

FILE NO.: A1
 DATE: 3/20/2006
 DES. BY: JU
 SEQ.: 2758086 **Q**

- WARNINGS:**
1. Read all General Notes and Warnings before construction of trusses.
 2. Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
 3. 2x4 compression web bracing must be installed where shown +.
 4. All lateral force resisting elements such as temporary and permanent bracing must be designed and provided by designer of complete structure. Computrus assumes no responsibility for such bracing.
 5. No load should be applied to any component until after all bracing and fasteners are complete, and at no time should any loads greater than design loads be applied to any component.
 6. Computrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
 7. This design is furnished subject to the limitations on truss designs set forth by TPI in HB-91 or TPI/WTCA in BCSI 1-03 copies of which will be furnished by Computrus upon request.

- General Notes, unless otherwise noted:**
1. Design to support loads as shown.
 2. Design assumes the top and bottom chords to be laterally braced at 2'-0" o.c. and at 12'-0" o.c. respectively.
 3. All load bracing or other bracing required unless shown +.
 4. Installation of all bracing is the responsibility of the respective contractor.
 5. Design assumes trusses are to be used in a non-corrosive environment, and are for "dry" condition of use.
 6. Design assumes full bearing at all supports shown. Shim or wedge if necessary assumes adequate drainage is provided.
 7. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
 8. Digits indicate size of plate in inches.
 9. "C" basic design value of the Computrus Plate, indicated by the prefix "CN", the "C" basic design value of the Computrus Net Section Plate is indicated by the prefix "CN", the designator (18) indicates 18 ga. material is used. All others are 20 ga.



A	Lumber Specifications	Read from the left to right. Specifies the lumber size and specie / grade for each member / panel.
B	Lateral Support	Design requirements for lateral support of top and bottom chords.
C	Truss Span	In feet and decimal inches.
D	Load Duration Increase	Percentage of increase used in allowable lumber and plate values.
E	Spacing	Inches on center.
F	Design Loading	Indicated in pounds per square foot.
G	Code Criteria	Code in which the design is in accordance with.
H	Transaction ID & Version Number	The Transaction ID number gets assigned by CompuTrus and is used for tracking purposes. The Version number (7.2.4T (1L)-E indicates which version of the CompuTrus software was used to generate the design.
I	Plating Factors	4W - Four way plating. R - Plate roller reduction. GD - green lumber plate reduction.
J	Bearing Area Required	Shown in square inches for species (DF,HF,SPF).
K	Reactions	Left and Right reactions.
L	Deflections	Calculated and allowable deflections.
M	Compression Web Brace	(+) Location where compression web brace must be installed.
N	Connector Plate	Size and type specified. (See General Notes 8, 9, 10 and 11).
O	Splice Plate	Plate name is appended with an (S).
P	Truss Span	In feet, inches, sixteenths.
Q	Sequence Number	Unique identification to allow the stamped truss to be located in the CompuTrus library.
R	Warnings and General Notes	Contains important information regarding design, fabrication and installation.