CompuTrus Inc.

This design prepared from computer input by
CENTRAL COAST TRUSS INC. RAYMOND E. ROSALES

Trans ID: 188974
7.3.1T(1L)-E

LUMBER SPECIFICATIONS

SIZE	SPECIE	GRADE	PANEL(S)
	TOP CHORDS:		
2x 4	DF	#1&BTR	1- 6
	BOTTOM CHORDS:		
2x 4	DF	#1&BTR	1- 3
	WEBS:		
2x 4	DF	STAND	1- 4

TC LATERAL SUPPORT <= 12"OC. UON.
BC LATERAL SUPPORT <= 12"OC. UON.

OVERHANGS: 24.0" 24.0"
Reactions: 850 850

TRUSS SPAN 18'- 0.5"
LOAD DURATION INCREASE = 1.25
SPACED 24.0" O.C.

LOADING
LL(16.0)+DL(16.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 8.0 PSF
TOTAL LOAD = 40.0 PSF

BOTTOM CHORD CHECKED FOR 10PSF LIVE LOAD. TOP
AND BOTTOM CHORD LIVE LOADS ACT NON-CONCURRENTLY.

UBC 97/TPI SINGLE MEMBER FORCES 4WR(GDF)

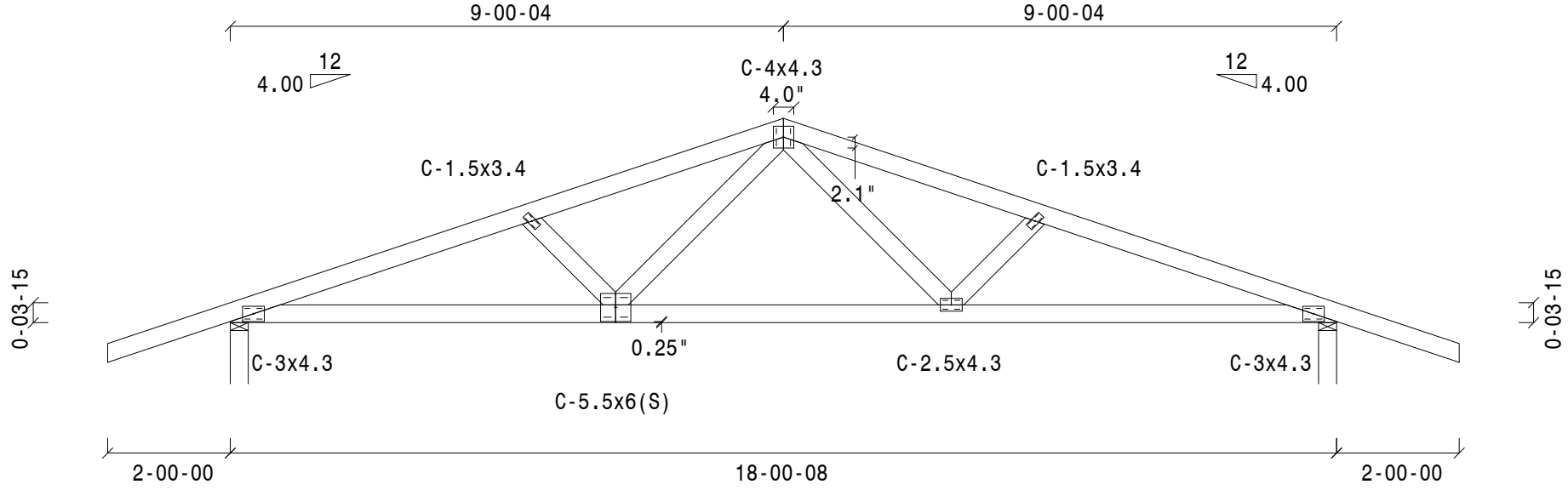
T 1=	0	B 1=	1481	W 1=	-298
T 2=	-1615	B 2=	994	W 2=	437
T 3=	-1407	B 3=	1481	W 3=	437
T 4=	-1407			W 4=	-298
T 5=	-1615				
T 6=	0				

LEFT = 722 RIGHT = 722

BEARING AREA REQUIRED (SQ. IN)

BRG @	0'- 0.0"	1.15 DF /	1.78 HF /	1.70 SPF
BRG @	18'- 0.5"	1.15 DF /	1.78 HF /	1.70 SPF

MAX LL DEFL = -0.037" (L/5662) @ 11'- 9.1" L/240 = 0.873"
MAX TL DEFL = -0.093" (L/2252) @ 11'- 9.1" L/180 = 1.164"
MAX HORIZ. LL DEFL = 0.012" @ 17'- 9.0"
MAX HORIZ. TL DEFL = 0.029" @ 17'- 9.0"



Scale: 3/8"
JOB NAME: 17-7 - D02

FILE NO.: D02

DATE: 2/26/2007

DES. BY: DS

SEQ.: 3291655

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 HIB-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 10'-0" o.c. respectively unless braced throughout their length by continuous sheathing.
3. 2x Impact bridging or lateral bracing required where shown + +
4. Installation of truss 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.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For basic design values of the CompuTrus Plate, indicated by the prefix "C", see I.C.B.O. R.R. 4211.
11. 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.

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EXP. 3/31/07
2/26/07
CIVIL ENGINEER
STATE OF CALIFORNIA