

4180 SW COUNCIL CREST DR. DFS-01 RS03-125352

RS.03.125352 DFS.01.

J

SEP 16 2003
MICROFILMED

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CITY OF
PORTLAND, OREGON
OFFICE OF PLANNING AND DEVELOPMENT REVIEW
1900 SW 4th Ave, Suite 5000
Portland, OR 97201



RESIDENTIAL 1 & 2 FAMILY PERMIT

03-125352-DFS-01-RS

Site Address: 4180 SW COUNCIL CREST DR

Issued: 9/8/03

PROJECT INFORMATION		Occ. Group	Const. Type
Single Family Dwelling	Alteration	R3 U1	V-N
Project Description: DFS FOR TRUSSES			
APPLICANT BOB SCHATZ ARCHITECT *BOB SCHATZ*		Phone (503) 235-8585	
PROPERTY OWNER CHRISTOPHER L JOHNSON & ANN H JOHNSON		Phone (503) 224-9202	
CONTRACTOR SLATER CONSTRUCTION INC *HAL SLATER*		Phone	

Project Details	Project Details
Number of Stories 2	Zoning Enforcement Agency Portland
PAID SEP - 8 2003 CITY OF PORTLAND	

This permit expires if, at any time, 180 days pass without an approved inspection. If you are not able to obtain an inspection approval within 180 days, you may request a one-time only extension of 180 days by calling 503-823-7388.

**BEFORE
YOU DIG**

ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 852-001-0010 through OAR 852-001-0099. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is 1-800-332-2344).

CITY CONTACT

E-Mail:

Phone:

Fax: (503) 823-4172

**INSPECTION REQUEST
PHONE NUMBERS**

Building/Trade Inspections - Call Before 6:00 AM:

(503) 823-7000

TDD: (503) 823-6868

IVR Inspection Request

Number:

2298026

CompuTrus, Inc.

10370 Hemet St., Suite 200 Riverside, CA 92503
(909) 343-1302 Fax (909) 343-3180



2

TO: PACIFIC LUMBER & TRUSS

DATE: 8/22/2003

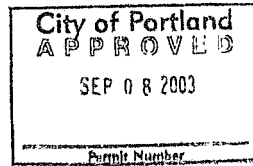
ATT: JASON

OVERNIGHT

1 COPY OF 1330617-1330631

OVERNIGHT TO:

SLATER CONSTRUCTION, INC.
2722 S.E. 25TH AVENUE
PORTLAND, OR 97202-1219



Initial: JT

03-125352-PFS-01-ES



Corpus Inc.

Pacific Lumber (SI)

6.3.4(1L)-E

LUMBER SPECIFICATIONS

30-00-00 HIP SETBACK 8-00-00 FROM END WALL

LOAD DURATION INCREASE = 1.15 +

SIZE	SPECIES GRADE	PANEL(S)
TOP CHORDS:		
2x 4	DF	#1457A 1-3, 6-8
2x 6	DF	SS 4-5
BOTTOM CHORDS:		
2x 6	DF	SS 1-4
WEB:		
2x 4	DF	STAND 1-7

LOADING		
TC UNIF LL(	50.0)+DL(	14.0)= 64.0 PLF 0'-0" TO 8'-0" VERT
TC UNIF LL(	125.0)+DL(	35.0)= 160.0 PLF 9'-0" TO 22'-0" VERT
TC UNIF LL(	50.0)+DL(	14.0)= 64.0 PLF 22'-0" TO 30'-0" VERT
BC UNIF LL(	0.0)+DL(	50.0)= 50.0 PLF 0'-0" TO 30'-0" VERT

TC CONC LL(	466.7)+DL(	130.7)= 597.3 LBS @ 8'-0" 0.0"
TC CONC LL(	466.7)+DL(	130.7)= 597.3 LBS @ 22'-0" 0.0"

UBC 97/TPI	SINGLE MEMBER FORCES	4WDG
T 1 =	0 B 1 =	5.35 W 1 = -284
T 2 =	-6164 B 2 =	7308 W 2 = 1386
T 3 =	-5923 B 3 =	7308 W 3 = -2306
T 4 =	-5212 B 4 =	5494 W 4 = 332
T 5 =	-5211	W 5 = -2306
T 6 =	-5923	W 6 = 1386
T 7 =	-6164	W 7 = -284
T 8 =	0	

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

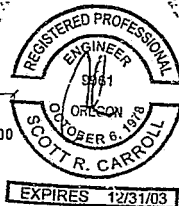
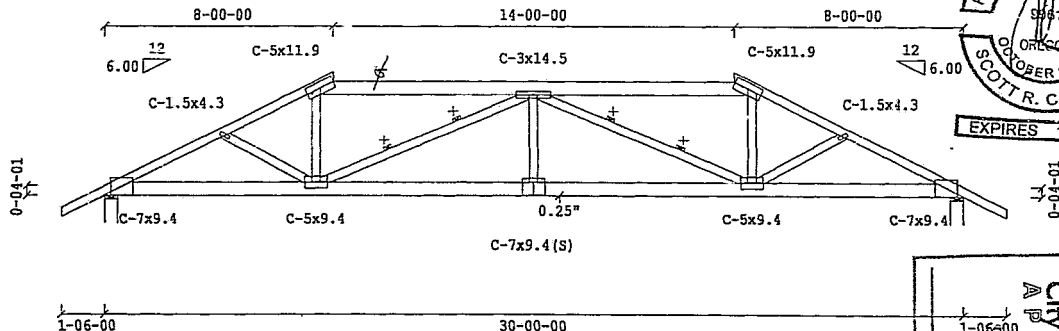
NOTE: 1x3 BRACING AT 24" OC. UON. FOR
ALL FLAT TOP CHORD AREAS NOT SHEATHED

OVERHANGS: 18.0" 18.0"
Reactions: 3075 3075

LEFT = 2979 RIGHT = 2979

EAVING AREA REQUIRED (SQ. IN)

JOINT 2 4.77 DF / 7.36 HF / 7.01 SPF
JOINT 3 4.77 DF / 7.36 HF / 7.01 SPF



Scale: 1/4"
JOB NAME: 3312-519 SLATER CONST. - A

FILE NO.: A

DATE: 8/6/2003

DES. BY: ME

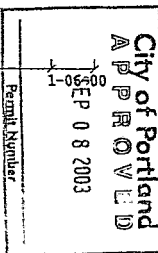
SEQ.: 1330617

WARNINGS:

1. Read all General Notes and Warnings before construction of trusses.
2. Builder and erector/owner should be advised of all General Notes and Warnings before construction commences.
3. All compression web bracing must be installed where shown +.
4. All lateral bracing elements such as temporary and permanent bracing, must be designed and provided by designer of complete structure.
5. Computer assumes no responsibility for such bracing.
6. No load should be applied to any component until after all bracing and hardware are complete, and no time should any loads greater than design loads be applied to any component.
7. Computer has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
8. This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute (TPI) Bracing Wood Trusses, NDS-41, a copy of which will be furnished by Computer 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" p.c. respectively.
3. See impact bracing 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 bracing 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 truss center lines.
9. Plates indicate size of plate in inches.
10. For basic design values of the Computer Plate, indicated by the prefix "C", see T.C.B.O. R.F. 421.
11. The Computer Net Section Plate is indicated by the prefix "CN", the designator (TS) indicates 18 ga. material is used. All others are 20 ga.





CompuTrus Inc.

6.3.4(1L)-E

LUMBER SPECIFICATIONS

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

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

OVERHANGS:	18.0"	0.0
Reactions:	490	106

TRUSS SPAN 8'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING

LL(25.0)+DL(7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF

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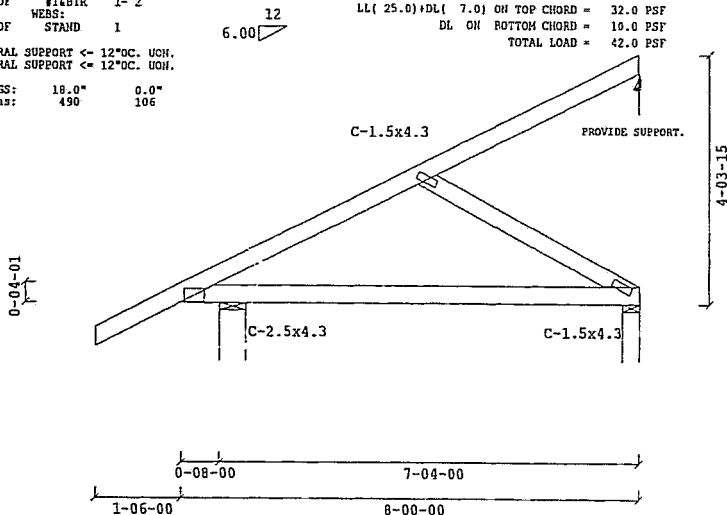
UBC 97/TPI  SINGLE MEMBER FORCES  4WRGE
T 1=      0  B 1=    229  W 1=   -274
T 2=   -313  B 2=    234
T 3=    -63

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CANT @	0'- 10.8"	CANT @	7'- 11.4"
LEFT =	370	RIGHT =	99
INT. =	202 @	7'- 8.3"	

BEARING AREA REQUIRED (SQ. IN)

JOINT	5	0.59	DF /	0.91	HF /	0.87	SPF
JOINT	6	0.32	DF /	0.50	HF /	0.47	SPF
JOINT	4	0.16	DF /	0.24	HF /	0.23	SPF



Scale: 1/2"

JOB NAME: 3312-519 SLATER CONST. - A-HIP-EJA PACIFIC LUMBER & TRUSS

WARNING:

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. **All components of the truss should be installed where shown.** All components of the truss should be installed where shown and permanent bracing should be designed and provided by designer of complete structure. Contractor assumes no responsibility for such bracing.
4. **No load should be applied to any component until after all bracing and fasteners are secured.** No time should any loads be applied greater than design loads be applied to any component.
5. **Contractor has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.** The design is furnished subject to the limitations on design as design set forth in the Truss Plan and the General Notes. The design is furnished as a guide only which will be furnished by Consulting Engineer.

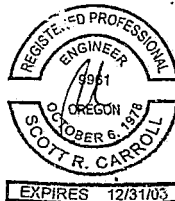
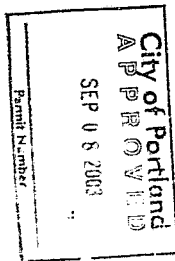
- General Notes, unless otherwise noted:
 - 1. Design to support loads as shown.
 - 2. Design assumes the top and bottom chords to be laterally braced at 6'-0" and at 12'-0" respectively.
 - 3. 2x4 Impact bridging or bottom chords required where shown + or -
 - 4. Installation of truss is the responsibility of the erector contractor.
 - 5. Design assumes truss to be used in a non-corrosive environment, and are for "dry condition" of use.
 - 6. Design assumes full bearing at all supports shown. Skim or wedge if necessary.
 - 7. Design assumes adequate drainage is provided.
 - 8. Plates shall be located on the top and bottom of truss, and placed so their center lines coincide with joint center lines.
 - 9. Indicate depth of plate in inches.
 - 10. Indicate depth of plate in inches. Welds for Plates, indicated by the prefix "W". See I.C.B.O. R.R. 4211.
 - 11. The component designations for the Plate is indicated by the prefix "CR". The component designations (18) indicates 18 ga. materials used. All steel shall be A36.

FILE NO.: A-HIP-EJ4

DATE: 8/8/2003

DES. BY: ME

SEO.: 1330618





CompuTruss Inc.

1. MEMBERS FORMED BY ROLLING HOT-ROLLED METAL SHEET STIFFENED LONGITUDINALLY

6.3.4 (1) L-E

LUMBER SPECIFICATIONS

30-00-00 HIP SETBACK 8-00-00 FROM END WALL
LOAD DURATION INCREASE = 1.15 +

SIZE	SPECIE GRADE	PANEL(S)
TOP CHORDS:		
2x 4	DF #14STR	1-10
BOTTOM CHORDS:		
2x 6	DF #2	1- 5
WEBS:		
2x 4	DF STAND	1-10

LOADING		
TC UNIF LL(	50.0)+DL(	14.0)=
TC UNIF LL(	125.0)+DL(	35.0)=
TC UNIF LL(	50.0)+DL(	14.0)=
BC UNIF LL(	0.0)+DL(	25.0)=
64.0 PLF	0'- 0.0" TO	8'- 0.0" VERT
160.0 PLF	8'- 0.0" TO	22'- 0.0" VERT
64.0 PLF	22'- 0.0" TO	30'- 0.0" VERT
25.0 PLF	0'- 0.0" TO	30'- 0.0" VERT

URC 97/TP1	2	MEMBER	FORCES	WRGD
T 1=	0	B 1=	6056	W 1=
T 2=	-6798	B 2=	8224	W 2=
T 3=	-6560	B 3=	8530	W 3=
T 4=	-5774	B 4=	8778	W 4=
T 5=	-8256	B 5=	6380	W 5=
T 6=	-8820			W 6=
T 7=	-6096			W 7=
T 8=	-6924			W 8=
T 9=	-7160			W 9=
T 10=	0			W 10=

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

TC CONC LL(466.7)+DL(130.7)= 597.3 LBS @ 8'- 0.0"
TC CONC LL(466.7)+DL(130.7)= 597.3 LBS @ 22'- 0.0"
-BC CONC LL+DL= 1358.0 LBS @ 16'- 11.0"

NOTE: 1x3 BRACING AT 24"OC UON. FOR ALL FLAT TOP CHORD AREAS NOT SHEATHED

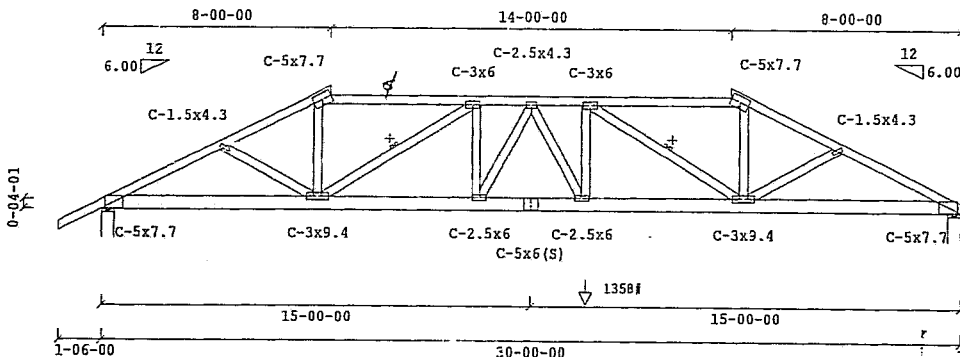
OVERHANGS: 18.0" 18.0"
Reactions: 3299 3459

(2) complete trusses required.
Join together 2 ply with 3"x.131 DIA GUN nails staggered at 12" oc throughout 2x4 top chords, 12" oc throughout 2x6 bottom chords, 12" oc throughout webs.

LOADS AS GIVEN.

LEFT = 3203 RIGHT = 3363

BEARING AREA REQUIRED (SQ. IN)
JOINT 2 5.12 DF / 7.91 HF / 7.54 SFF
JOINT 10 5.38 DF / 8.30 HF / 7.91 SFF



Scale: 1/4"

JOB NAME: 3312-519 SLATER CONST. - B PACIFIC LUMBER & TRUSS

WARNINGS:

1. Read all General Notes and Warnings before ordering or erecting.
2. Builder and erection contractor should be advised of all safety rules and warnings before construction commences.
3. All compression web bracing must be installed where shown.
4. All lateral force resisting elements must be temporary and complete bracing must be designed and provided by designer of complete structure.
5. CompuTruss assumes no responsibility for such bracing.
6. No load should be applied to any component until all bracing and fasteners are complete, and at no time should any loads greater than design loads be applied to any component.
7. CompuTruss has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
8. This design is limited and subject to the limitations on truss designs and loads by the Truss & Plate Institute Inc. "Bracing Wood Trusses, N-8-8", a copy of which will be furnished by CompuTruss 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 8'-0" o.c. @ all 12'-0" o.c. respectively.
3. 2x4 impact bridging or lateral bracing required where shown.
4. Installation of truss is the responsibility of the responsible contractor.
5. Design assumes trusses are to be used in a non-compressive 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. Plates indicate size of plate in inches.
10. For beam design values of the CompuTruss Plate, indicated by the prefix "C", see C.B.O. R.R. 4211.
11. The CompuTruss Net Section Plate is indicated by the prefix "CN", the designator (15) indicates 15 ga. material is used. All others are 20 ga.

FILE NO.: B

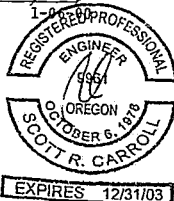
DATE: 8/8/2003

DES. BY: ME

SEQ.: 1330619

Permit Number

City of Portland
APPROVED
SEP 08 2003 10:00 AM





Compurplus Inc.

Pacific Lumber (SI)

COMPURPLUS LUMBER DESIGN GUIDE (NORTH AMERICAN LUMBER)

6.3.4 (1L)-E

LUMBER SPECIFICATIONS

SIZE	SPECIES	GRADE	PANEL(S)
TOP CHORDS:			
2x 4	DF	#1&BTS	1- 8
BOTTOM CHORDS:			
2x 4	DF	#1&BTS	1- 3
WEBBS:			
2x 4	DF	STAND	1- 6

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

NOTE: 1x3 BRACING AT 24" OC UON. FOR
ALL FLAT TOP CHORD AREAS NOT SHEATHED

OVERHANGS:	18.0"	18.0"
Reactions:	1356	1356

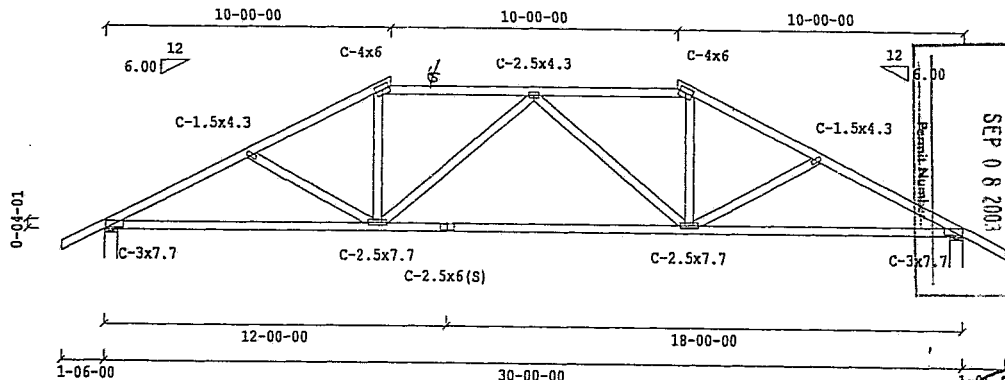
TRUSS SPAN 30'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL(25.0)+DL(7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF

UIC 97/TPE	SINGLE	MEMBER	FORCES	4WRGD
T 1 =	0	B 1 =	2095	W 1 = -405
T 2 =	-2384	B 2 =	2023	W 2 = -670
T 3 =	-2030	B 3 =	2095	W 3 = -385
T 4 =	-1737			W 4 = -385
T 5 =	-1737			W 5 = -670
T 6 =	-2030			W 6 = -405
T 7 =	-2384			
T 8 =	0			

LEFT = 1260 RIGHT = 1260

BEARING AREA REQUIRED (SQ. IN)			
JOIST 2	2.02 DF /	3.11 HF /	2.96 SFF
JOIST 8	2.02 DF /	3.11 HF /	2.96 SFF



City of Portland
APPROVED
SEP 08 2003

Scale: 1/4"
JOB NAME: 3312-519 SLATER CONST. - C1

FILE NO.: C1

DATE: 8/6/2003

DES. BY: ME

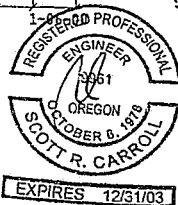
SEQ.: 1330620

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
- Full compression web bracing must be installed where shown.
- All lateral force resisting elements such as temporary and permanent bracing must be designed and provided by designer of complete structure. Compurplus assumes no responsibility for such bracing.
- 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.
- Compurplus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
- This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute in "Tracing Wood Trusses, HB-41", a copy of which will be furnished by Compurplus upon request.

General Notes, unless otherwise noted:

- Design to support loads as shown.
- Design assumes the top and bottom chords to be laterally braced at 24" O.C. and at 12" O.C. respectively.
- 2x4 spaced bracing or lateral bracing required where shown.
- Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
- Design assumes full bearing at all supports shown. Shim or wedge if necessary.
- Design assumes adequate drainage is provided.
- Plates shall be located on both faces of truss, and placed so their center coincide with joint center lines.
- Dimensions indicate size of plate in inches.
- For basic design values of the Compurplus Plate, indicated by the prefix "C" - see L-10, L-15, L-21.
- The Compurplus Net Section Plate is indicated by the prefix "CN" the designator (18) indicates 18 ga. material is used. All others are 20 ga.





Compufus Inc.

Pacific Lumber (SI)

3 SHEETS (THIS SHEET BEING THE FIRST OF TWO)

6.3.4 (1L)-2

LONGER SPECIFICATIONS

SIZE	SPECIES GRADE	PANEL(S)
2x4	DF #14BTR	1-8
2x4	DF #14BTR	1-3
2x4	DF STAND	1-6

TROSS SPAN 30'-0" 0.0
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING

LL (25.0)+DL (7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF

UBC 97/TFE	SINGLE MEMBER	FORCES	4WRD
T 1 =	0 B 1 =	2095 W 1 =	-405
T 2 =	-2384 B 2 =	2023 W 2 =	670
T 3 =	-2030 B 3 =	2095 W 3 =	-385
T 4 =	-1737	W 4 =	-385
T 5 =	-1737	W 5 =	670
T 6 =	-2030	W 6 =	-405
T 7 =	-2384		
T 8 =	0		

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

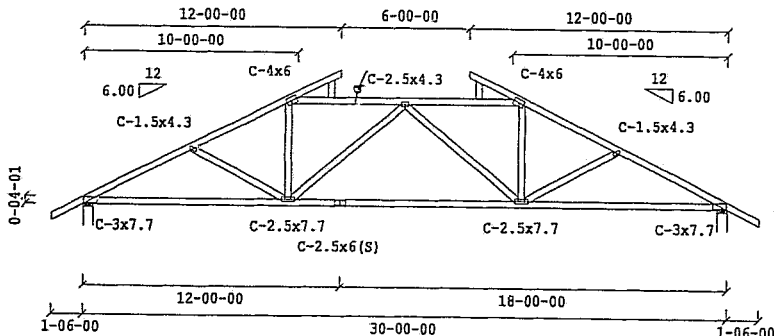
NOTE: 1x3 BRACING AT 24"OC UON. FOR
ALL FLAT TOP CHORD AREAS NOT SHEATHED

OVERHANGS: 18.0" 18.0"
Reactions: 1356 1356

LEFT = 1260 RIGHT = 1260

BEARING AREA REQUIRED (SQ. IN)
JOINT 2 2.02 DF / 3.11 HF / 2.96 SPF
JOINT 6 2.02 DF / 3.11 HF / 2.96 SPF

2) C-1.5x2.6 or equal at uprights.



Scale: 3/16"
JOB NAME: 3312-519 SLATER CONST. - C2

FILE NO.: C2

DATE: 8/6/2003

DES. BY: ME

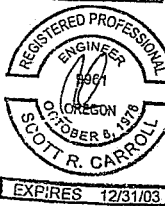
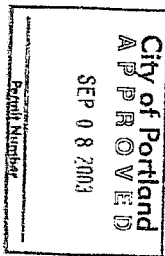
SEQ.: 1330621

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. All 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.
5. Computer assumes no responsibility for such bracing.
6. No load should be applied to any component until after all bracing and fasteners are complete, and all no time should any loads greater than design loads be applied to any component.
7. Computer has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
8. This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute in "Bracing Wood Trusses, HB-41", a copy of which will be furnished by Computer 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 24" O.C. and at 12" O.C. respectively.
3. All rafter bridging or lateral bracing required where shown.
4. Installation of bracing is the responsibility of the erector/contractor.
5. Design assumes trusses are to be used in a non-convulsive 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. Design indicates size of plate in inches.
10. For base design values of the Compufus Plate, indicated by the prefix "C", see the C-1.5x2.6 (3) plate.
11. The Compufus Nail Section Plate is indicated by the prefix "CN", the designator (18) indicates 18 ga. material is used. All others are 20 ga.





Computrus Inc.

A LIMITED EXAMINATION OF THIS DESIGN REPORT IS NOT A GUARANTEE

6.3.4(11)-E

LUMBER SPECIFICATIONS

SIZE	SPECIE GRADE	PANEL(S)
TOP CHORDS:		
2x 4	MSR 2400F	1- 7
BOTTOM CHORDS:		
2x 4	DF #1-BTR	1- 5
WEBS:		
2x 4	DF STAND	1- 7

TC MAX PURLIN SPACING 48"OC. UON.
BC MAX PURLIN SPACING 120"OC. UON.

TRUSS SPAN 30'- 0"
LOAD DURATION INCREASE = 1.15 +
SPACED 55.5" o.c.

LOADING
LL (25.0)+DL (7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF*
TOTAL LOAD = 42.0 PSF*

*5 PSF REDUCTION TAKEN ON
BOTTOM CHORD, AXIAL STRESS ONLY.

(2) complete trusses required.
Join together 2 ply with 3"x131 DIA GUN
nails staggered at
12" oc throughout 2x4 top chords,
12" oc throughout 2x4 bottom chords,
12" oc throughout webs.

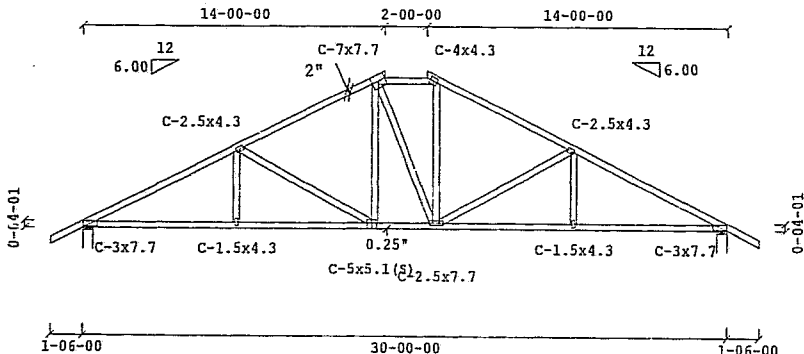


UBC 91/TPI	2	MEMBER	FORCES	WRGD
T 1=	0	B 1=	4112 W 1=	234
T 2=	-4778	B 2=	4106 W 2=	-1498
T 3=	-3408	B 3=	2786 W 3=	836
T 4=	-2788	B 4=	4106 W 4=	8
T 5=	-3392	B 5=	4110 W 5=	836
T 6=	-4776	B 6=	W 6=	-1506
T 7=	0	B 7=	W 7=	232

LEET = 2567 RIGHT = 2567

BEARING AREA REQUIRED (SQ. IN)
JOINT 2 4.11 DF / 6.34 HF / 6.04 SFF
JOINT 7 4.11 DF / 6.34 HF / 6.04 SFF

OVERHANGS: 18.0" 18.0"
Reactions: 2789 2789



Scale: 3/16"

JOB NAME: 3312-519 SLATER CONST. - D PACIFIC LUMBER & TRUSS

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
- Full compression web bracing must be installed where shown +.
- All lateral force resisting elements such as temporary and permanent bracing, must be designed and provided by designer of complete structure.
- Complete structure not responsible for such bracing.
- No load should be applied to any component until all bracing and fasteners are complete, and at no time should any loads greater than design loads be applied to any component.
- Computrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
- This design is submitted subject to the limitations set forth in design and forth by the Truss Plate Institute (TPI) "Bracing Wood Trusses, NDS-94", a copy of which will be furnished by Computrus upon request.

General Notes, unless otherwise noted:

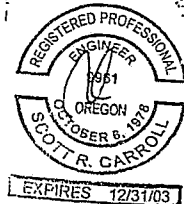
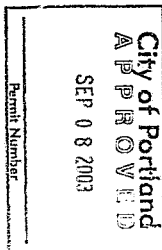
- Design to support loads as shown.
- Design assumes the top and bottom chords to be laterally braced at 5'-0" o.c. and at 12'-0" o.c. respectively.
- Full impact bridging or lateral bracing required where shown +.
- Installation of truss is the responsibility of the respective contractor.
- Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
- Design assumes full bearing at all supports shown, Shim or wedge if necessary.
- Design assumes adequate drainage is provided.
- Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
- Obtain accurate size of plate in inches.
- For base design values of the Computrus Plate, indicated by the prefix "CN", see (C.I.E.O. R.S. 421).
- The Computrus Net Section Plate is indicated by the prefix "CN", the designer (15) indicates 15 ga. material is used. All others are 20 ga.

FILE NO.: D

DATE: 8/8/2003

DES. BY: ME

SEQ.: 1330622





CompuTruss Inc.

4 INCHES (100MM) DEEP 100MM (4 INCHES) WIDE 100MM (4 INCHES) HIGH

6.3.4 (11)-E

LUMBER SPECIFICATIONS

SIZE	SPECIE GRADE	PANEL(S)
TOP CHORDS:		
2x 4	DF #1&BTR	1- 2
BOTTOM CHORDS:		
2x 8	DF #2	1- 2
WEBS:		
2x 4	DF STAND	1- 3

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

8-00-00 GIRDER SUPPORTING 16-11-00
LOAD DURATION INCREASE = 1.15 +

LOADING

TC UHIF LL(50.0) + DL(14.0) = 64.0 PLF 0'- 0.0" TO 8'- 0.0" VERT
BC UHIF LL(186.5) + DL(99.5) = 286.0 PLF 0'- 0.0" TO 8'- 0.0" VERT

Design assumes hanger height covers 85% or more of BC

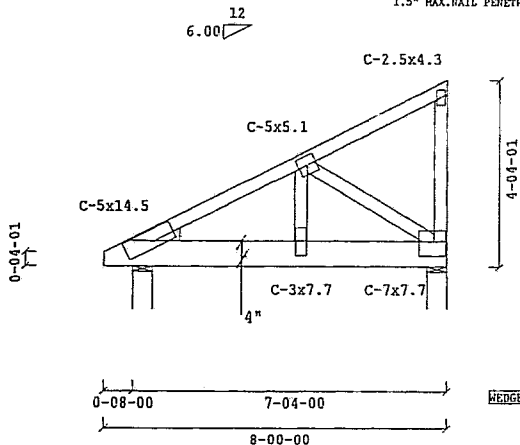
NOTE: HANGERS ATTACHED TO
THE BOTTOM CHORD WILL HAVE
1.5" MAX. NAIL PENETRATION.

UBC 97/TPI	SINGLE	MEMBER	FORCES	4WRGD
T 1 = -1283	B 1 =	1116	W 1 =	1094
T 2 = -50	B 2 =	1066	W 2 =	-1322
			W 3 =	-96

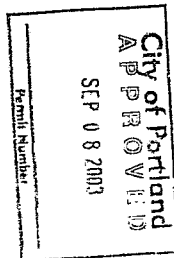
CANT 8 0'- 8.0"
LEFT = 1441 RIGHT = 1358

BEARING AREA REQUIRED (SQ. IN)

JOINT 1	2.31 DF /	3.56 HF /	3.39 SPF
JOINT 5	2.17 DF /	3.35 HF /	3.20 SPF



WEDGE REQUIRED AT HEELS.



Scale: 3/8"

JOB NAME: 3312-519 SLATER CONST. - E PACIFIC NUMBER & TRUSS

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
- 1st compression web bracing must be installed where shown.
- All lateral force resisting elements such as temporary and permanent bracing, must be designed and provided by designer of complete structure.
- CompuTruss assumes no responsibility for such bracing.
- No load should be applied in 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.
- CompuTruss has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
- This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute in "Bracing Wood Trusses, NDS-11", a copy of which will be furnished by CompuTruss upon request.

General Notes, unless otherwise noted:

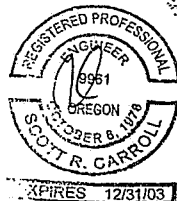
- Design to support loads as shown.
- Design assumes the top and bottom chords to be laterally braced at 2'-0", 4'-0", and at 12'-0" respectively.
- 2x4 impact bridging or lateral bracing required where shown.
- Installation of truss is the responsibility of the respective contractor.
- Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
- Design assumes full bracing at all supports shown. Shim or wedge if necessary.
- Design assumes adequate drainage is provided.
- Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
- Specify indicate size of plate in inches.
- For basic design values of the CompuTruss Plate, indicated by the prefix "CM" (see I.C.S.O. R.R. 401).
- The CompuTruss Net Section Plate is indicated by the prefix "CMN", the designator (16) indicates 16 ga. material is used. All others are 20 ga.

FILE NO.: E

DATE: 8/8/2003

DES. BY: ME

SEQ.: 1330623





Computus Inc.

Pacific Lumber (SI)

6.3.4 (1U) - B

LOUHER SPECIFICATIONS

TRUSS SPAN 16'-11.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

UBC 97/TPI	SINGLE	MEMBER	FORCES	4WRG0
T 1 =	0	B 1 =	1055	W 1 = -362
T 2 =	-1213	B 2 =	1055	W 2 = 546
T 3 =	-898			W 3 = -362
T 4 =	-898			
T 5 =	-1213			
T 6 =	0			

SIZE	SPECIE	GRADE	PANEL(S)
2x 4	DF	#14BTR	1- 6
		TOP CHORDS:	
2x 4	DF	#14BTR	1- 2
		BOTTOM CHORDS:	
2x 4	DF	W2B5:	1- 3
		STAND	

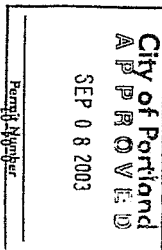
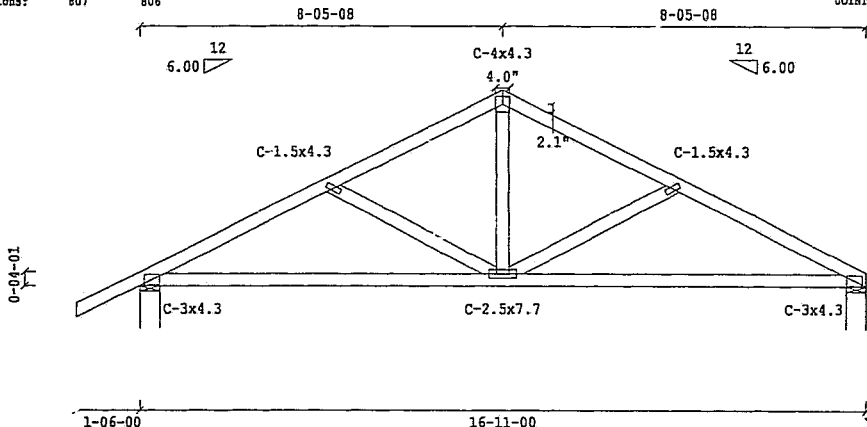
TC LATERAL SUPPORT <= 12" O.C. UON.
BC LATERAL SUPPORT <= 12" O.C. UON.

OVERHANGS: 18.0" 18.0"
Reactions: 807 806

LOADING
LL(25.0)+DL(7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF

LEFT = 711 RIGHT = 710

BEARING AREA REQUIRED (SQ. IN)
JOINT 2 1.14 DF / 1.75 HF / 1.67 SFF
JOINT 6 1.14 DF / 1.75 HF / 1.67 SFF



Scale: 3/8"
JOB NAME: 3312-519 SLAYER CONST. - F

FILE NO.: F

DATE: 8/6/2003

DES. BY: ME

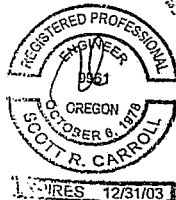
SEQ.: 1330624

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Erector and erection contractor should be advised of all General Notes and Warnings before construction commences.
- Full compression web bracing must be installed where shown.
- All lateral force resisting elements such as temporary and permanent bracing, must be designed and provided by designer of complete structure.
- Contractor assumes no responsibility for such bracing.
- No load should be applied to any component until all bracing and fasteners are complete, and at no time should any loads greater than design loads be applied to any component.
- Contractor has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
- This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute for Trussing Wood Trusses, NDS-97; a copy of which will be furnished by Computus upon request.

General Notes, unless otherwise noted:

- Design to support loads as shown.
- Design assumes the top and bottom chords to be laterally braced at 2'-0" o.c. and at 12'-0" p.c. respectively.
- See implicit bracing or lateral bracing required where shown.
- Installation of truss is the responsibility of the respective contractor.
- Design assumes trusses are to be used in a non-corrosive environment, and are for "dry conditions" of use.
- Design assumes full bearing at all supports shown. Shim or wedge if necessary.
- Design assumes adequate drainage is provided.
- Plates shall be located on both faces of truss, and placed so their center line coincide with joint center lines.
- Plates indicate size of plate in inches.
- For basic design values of the Computus Plate, indicated by the prefix "C" see U.S. 18, 431.
- The Computus (18) Sectional Plate is indicated by the prefix "C18". The designator (18) indicates 18 ga. material is used. All others are 20 ga.





Compufus Inc.

Pacific Lumber (SI)

6.3.4(1L)-B

LARGER SPECIFICATIONS

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

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

OVERHANGS:	19.0"	18.0"
Reactions:	807	806

TRUSS SPAN 16'- 11.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

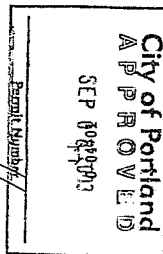
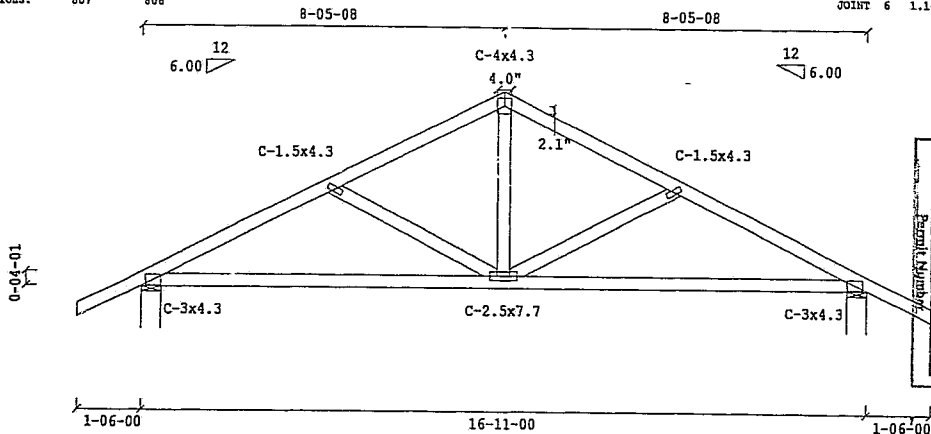
LOADING

LL(25.0)+DL(7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF

UDC 97/TPI	SINGLE	MEMBER	FORCES	4WBGD
T 1 =	0	B 1 =	1055	W 1 = -362
T 2 =	-1213	S 2 =	1055	W 2 = 546
T 3 =	-898			W 3 = -362
T 4 =	-898			
T 5 =	-1213			
T 6 =	0			

LEFT = 711 RIGHT = 710

BEARING AREA REQUIRED (SQ. IN)			
JOINT 2	1.14 DF /	1.75 HF /	1.67 SFF
JOINT 6	1.14 DF /	1.75 HF /	1.67 SFF



Scale: 3/8"
JOB NAME: 3312-519 SLATER CONST. - G

FILE NO.: G

DATE: 8/6/2003

DES. BY: ME

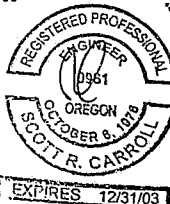
SEQ.: 1330625

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. Temporary bracing must be located where shown.
4. All lateral force resisting elements such as temporary and permanent bracing, must be designed and provided by designer of complete structure.
5. Compufus assumes no responsibility for such bracing.
6. 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.
7. Compufus has no control over and assumes no responsibility for the fabrication, handling, enrichment and installation of components.
8. This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute in "Trussing Wood Trusses, A WS&E", a copy of which will be furnished by Compufus 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. See project drawings for 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 bracing at all supports shown. Sawn 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 line coincide with joint center lines.
9. Digits indicate size of plate in inches.
10. For best design results of the Compufus Plate, indicated by the prefix "CP" see L.C.B.O. R.S. #31.
11. The Compufus (N) Section plate is indicated by the prefix "CN", the Designator (N) indicates 10 ga. material is used. All others are 20 ga.





Computrus Inc.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

6.3.4(1L)-E

LUMBER SPECIFICATIONS

16-11-00 HIP SETBACK 8-00-00 FROM END WALL
LOPD DURATION INCREASE = 1.15 +

SIZE	SPECIE GRADE	PANEL(S)
2x 4	DF #1&BTR	1- 7
2x 4	DF #1&BTR	1- 3
2x 4	DF STAND	1- 5

LOADING	
TC UNIF LL (50.0) + DL (14.0) =	64.0 PLF 0' - 0.0" TO 8' - 0.0" VERT
TC UNIF LL (125.0) + DL (35.0) =	160.0 PLF 8' - 0.0" TO 8' - 11.0" VERT
TC UNIF LL (50.0) + DL (14.0) =	64.0 PLF 8' - 11.0" TO 16' - 11.0" VERT
BC UNIF LL (0.0) + DL (50.0) =	50.0 PLF 0' - 0.0" TO 16' - 11.0" VERT

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

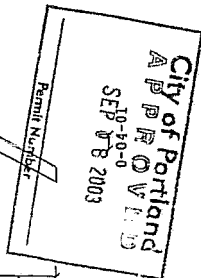
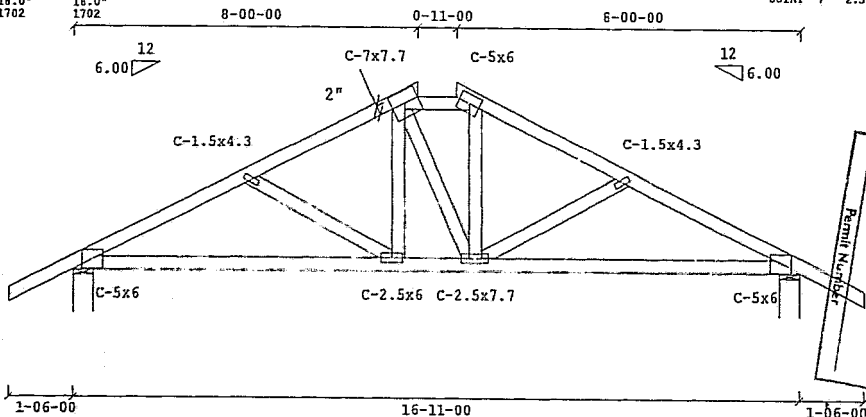
TC CONC LL (466.7) + DL (130.7) = 597.3 LBS 8' - 0.0"
TC CONC LL (466.7) + DL (130.7) = 597.3 LBS 8' - 11.0"

UBC 97/TPI	SINGLE MEMBER	FORCES	4WRGD
T 1 =	0 5 1 =	2692 W 1 =	-346
T 2 =	-3016 B 2 =	2363 W 2 =	405
T 3 =	-2733 B 3 =	2681 W 3 =	12
T 4 =	-2368	W 4 =	411
T 5 =	-2722	W 5 =	-352
T 6 =	-3014		
T 7 =	0		

LEFT = 1606 RIGHT = 1606

OVERHANGS: 19.0" 18.0"
Reactions: 1702 1702

BEARING AREA REQUIRED (SQ. IN)
JOINT 2 2.57 DF / 3.96 HF / 3.78 SPF
JOINT 7 2.57 DF / 3.96 HF / 3.78 SPF



Scale: 3/8"

JOB NAME: 3312-519 SLATER CONST. - H PACIFIC LUMBER & TRUS

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Builder and erector should be advised of all General Notes and Warnings before construction commences.
- Truss members and bracing must be installed as shown.
- All lateral bracing elements such as temporary and permanent bracing must be designed and provided by designer of complete structure.
- Computer truss analysis is not responsible for such bracing.
- 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.
- Computrus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
- This design is furnished subject to the limitations on truss design set forth by: 1. Truss Plate Institute's "Trussing Wood Trusses", HB-47, a copy of which will be furnished by Computrus upon request.

General Notes, unless otherwise noted:

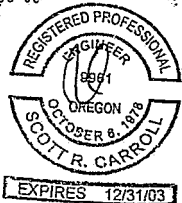
- Design to support loads as shown.
- Design assumes the top and bottom chords to be laterally braced at 8' o.c. and at 12' o.c. respectively.
- 2x4 impact bridging or lateral bracing required where shown.
- Installation of truss is the responsibility of the respective contractor.
- Design assumes trusses are to be used in a non-corrosive environment, and are for "dry" condition of use.
- Design assumes full bracing on all supports shown. Shim or wedge if necessary.
- Design assumes adequate drainage is provided.
- Plates shall be located on both sides of truss, and placed so their center lines coincide with joint center lines.
- Design indicates grade of plate in inches.
- For base design values of the Computrus Plate, indicated by the prefix "CP" see I.C.B.O.R. 2011.
- 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.

FILE NO.: H

DATE: 8/8/2003

DES. BY: ME

SEQ.: 1330626





CompuPlus Inc.

Pacific Lumber (SI)

6.3.4 (1L)-E

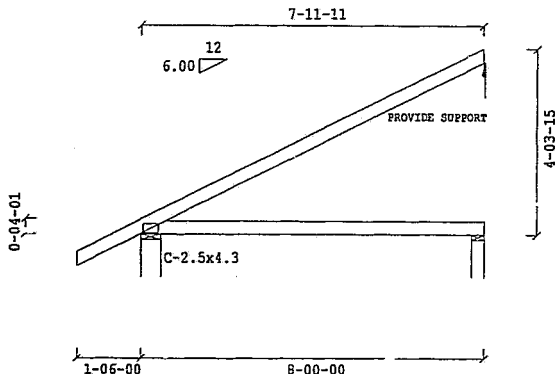
LUMBER SPECIFICATIONS

SIZE SPECIE GRADE
TOP CHORDS:
2x 4 DF #1&BTR
BOTTOM CHORDS:
2x 4 DF #1&BTR

TROSS SPAN 8'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

TC LATERAL SUPPORT <= 12" O.C. UON.
BC LATERAL SUPPORT <= 12" O.C. UON.

LOADING
LL [25.0] + DL [7.0] ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF



Scale: 3/8"

JOB NAME: 3312-519 SLAYER CONST. - H-HIP-EJ4

FILE NO.: H-HIP-EJ4

DATE: 8/6/2003

DES. BY: ME

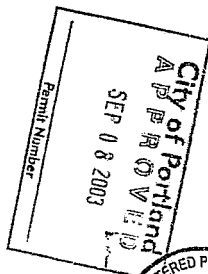
SEQ.: 1330627

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. All 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. CompuPlus 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. CompuPlus 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 the Truss Plate Institute (TPI) Building Wood Trusses, HUD-811, a copy of which will be furnished by CompuPlus 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" p.c. respectively.
3. Self imposed bracing 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 conditions" 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. Dimensions indicate size of plates in inches.
10. For basic design values of the CompuPlus Plate, indicated by the prefix "CPI" see L-3.3.0, R-3.3.1.
11. The CompuPlus Nail Section Plate is indicated by the prefix "CNP". The designator (18) indicates 18 ga. material is used. All others are 20 ga.





Campurus Inc.

Pacific Lumber (SI)

6.3.4 (11)-E

LUMBER SPECIFICATIONS

9-00-12 GIRDER SUPPORTING 8-00-00
LOAD DURATION INCREASE = 1.15 +

UBC 97/TPI	SINGLE MEMBER	FORCES	4WRGD
T 1 =	-1355 B 1 =	1176 W 1 =	907
T 2 =	-1355 B 2 =	1176	

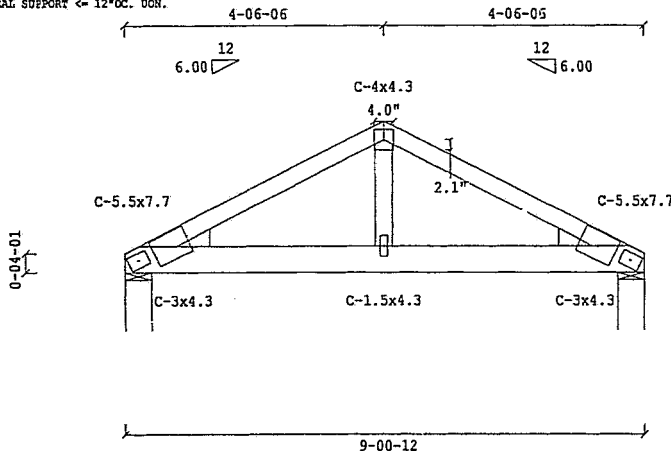
SIZE	SPECIES GRADE	PANEL(S)
2x 4	DF #1&2	1- 2
TOP CHORDS:		
2x 6	DF #2	1- 2
BOTTOM CHORDS:		
2x 4	DF	STAND 1

LOADING		VERT	
TC UNIF LL(	50.0)+DL(	14.0)=	64.0 PLF
BC UNIF LL(	75.0)+DL(	71.0)=	146.0 PLF

LEFT = 952 RIGHT = 952

BEARING AREA REQUIRED (SQ. IN)

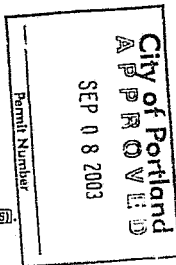
JOINT 1	1.52 DF /	2.35 HF /	2.24 SPF
JOINT 3	1.52 DF /	2.35 HF /	2.24 SPF

TC LATERAL SUPPORT <= 12" OC. UCN.
BC LATERAL SUPPORT <= 12" OC. UCN.NOTE: HANGERS ATTACHED TO
THE BOTTOM CHORD WILL HAVE
1.5" MAX. NAIL PENETRATION.

WEDGE REQUIRED AT HEEL(S).

Scale: 1/2"

JOB NAME: 3312-519 SLATER CONST. - I



FILE NO.: I

DATE: 8/6/2003

DES. BY: ME

SEQ.: 1330628

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
- 1st common rafter w/b bracing must be detailed where shown +.
- All lateral force resisting elements such as temporary and permanent bracing, must be designed and provided by designer of complete structure.
- Competitive assumes no responsibility for such bracing.
- No load should be applied to any component until after all bracing and fasteners are complete, and in no time should any load greater than design loads be applied to any component.
- Competitive has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
- This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute in "Bracing Wood Trusses, 10th Ed.", a copy of which will be furnished by Campurus upon request.

General Notes, unless otherwise noted:

- Design to support loads as shown.
- Design assumes the top and bottom chords to be laterally braced at 12'-0" and at 12'-0" O.C. respectively.
- 1st common rafter w/b bracing required where shown +.
- Installation of truss is the responsibility of the respective contractor.
- Design assumes trusses are to be used in a non-corrosive environment, and are for "dry condition" of use.
- Design assumes full bracing at all supports shown. Shown or wedge if necessary.
- Design assumes adequate drainage to be provided.
- Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
- Plates indicate size of plates in inches.
- For basic design values of the Campurus Plate, indicated by the prefix "C.B.O. R.H. 4211".
- The Campurus (18) Section Plate is indicated by the prefix "CH", the designator (18) indicates 18 ga. material is used. All others are 20 ga.



CompuTrus Inc.

Pacific Lumber (SZ)

A WARNING FROM THE STATE BOARD OF BUILDING OFFICIALS (SBOB)

6-3.4 (1L)-E

LOMBER SPECIFICATIONS

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

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

OVERHANGS: 18.0" 18.0"
REACTIONS: 477 477

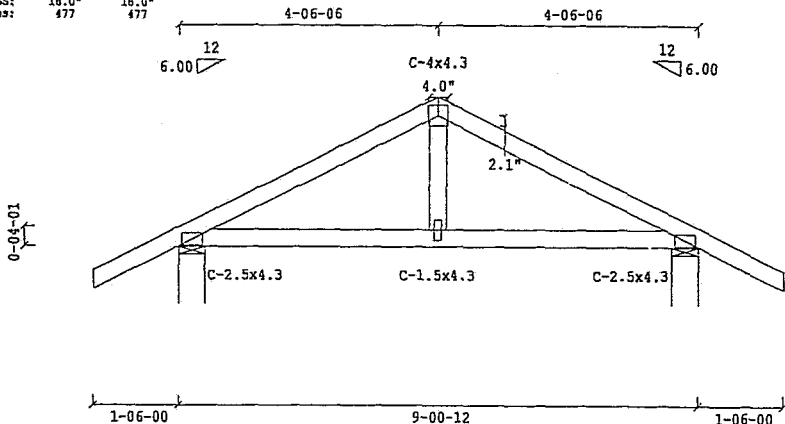
TRUSS SPAN 9'- 0.8"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL (25.0)+DL (7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF

UFG 97/TPI	SINGLE	MEMBER	FORCES	4WRGD
T 1 =	0	B 1 =	411	N 1 = 172
T 2 =	-520	B 2 =	411	
T 3 =	-520			
T 4 =	0			

LEFT = 381 RIGHT = 381

BEARING AREA REQUIRED (SQ. IN)
JOINT 2 0.61 DF / 0.94 HF / 0.90 SPF
JOINT 4 0.61 DF / 0.94 HF / 0.90 SPF



Scale: 1/2"

JOB NAME: 3312-519 SLAYER CONST. - J

FILE NO.: J

DATE: 8/6/2003

DEN. BY: *ME*

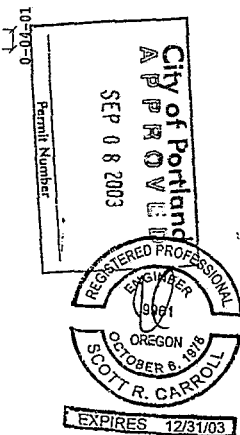
SEQ.: 1330629

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. All 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.
5. Computer assumes no responsibility for erecting.
6. 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.
7. Computer has no control over and assumes no responsibility for the fabrication, handling, alignment and installation of components.
8. This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute in "Tracing Wood Trusses, H&B-41", a copy 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" p.c. respectively.
3. See project drawings 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.
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 truss design values of the Computrus Plate, indicated by the prefix "C" see T.C.E.O. R.R. 4211.
11. The Computrus Pin Section Plate is indicated by the prefix "C" the designator (18) indicates 18 ga. material is used. All others are 20 ga.





Computus Inc.

1. TRUSS SPAN 9'-0" 0.8"

6.3.4(11)-E

LUMBER SPECIFICATIONS

SIZE	SPECIE	GRADE	PANEL(S)
TOP CHORDS:			
2x 4	DF	#14BTR	1-5
BOTTOM CHORDS:			
2x 4	DF	#14BTR	1-3
WEBS:			
2x 4	DF	STAND	1-3

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

TRUSS SPAN 9'-0" 0.8"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

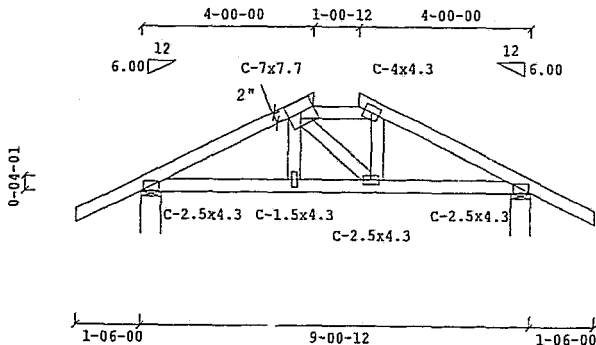
LOADING
LL(25.0) +DL(7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF

UBC 97/TPI	SINGLE MEMBER FORCES	4WRGD
T 1=	0 B 1= 461 W 1= 74	
T 2=	-561 B 2= 458 W 2= 4	
T 3=	-461 B 3= 458 W 3= 75	
T 4=	-557	
T 5=	0	

LEFT = 381 RIGHT = 381

BEARING AREA REQUIRED (SQ. IN.)			
JOINT 2	0.61 DF /	0.94 HF /	0.90 SPT
JOINT 5	0.61 DF /	0.94 HF /	0.90 SPT

OVERHANGS: 18.0" 18.0"
Reactions: 477 477



Scale: 3/8"
JOB NAME: 3312-519 SLATER CONST. - K PACIFIC LUMBER & TRUSS

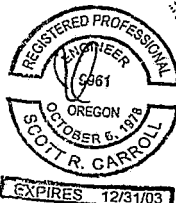
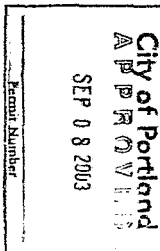
FILE NO.: K
DATE: 8/8/2003
DES. BY: ME
SEQ.: 1330630

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
- Fast compression web bracing must be installed where shown.
- All lateral bracing elements such as temporary and permanent bracing must be designed and provided by designer of complete structure.
- Computus assumes no responsibility for such bracing.
- We load should be applied to any component until all bracing and fasteners are complete, and at no time should any loads greater than design loads be applied to any component.
- Computus has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
- This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute in "Trussing Wood Trusses, NDS-81", a copy of which will be furnished by Computus upon request.

General Notes, unless otherwise noted:

- Design to support loads as shown.
- Trusses shall be laterally braced at 24" O.C. and at 12" O.C. respectively.
- 2x4 impact bridging or lateral bracing required where shown.
- Installation of this is the responsibility of the respective contractor.
- Design assumes trusses are to be used in a non-corrosive environment and are for "dry condition" of use.
- Design assumes full bearing at all supports shown. Shim or wedge if necessary.
- Design assumes adequate drainage is provided.
- Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
- Plates shall indicate size of plate in inches.
- For bearing design see use of the Computus Plate, indicated by the prefix "CP" per (C.B.O. R. 4.421).
- The Computus Net Section Plate is indicated by the prefix "CN", the designer (10) indicates 10 ga. material is used. All others are 20 ga.





Computrus Inc.

Pacific Lumber (SI)

6.3.4 (1L)-B

LUMBER SPECIFICATIONS

SIZE SPECIE GRADE

TOP CHORDS:
2x 4 DF #14BTR
BOTTOM CHORDS:
2x 4 DF #14BTR

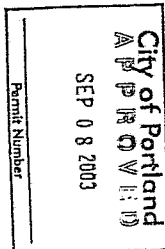
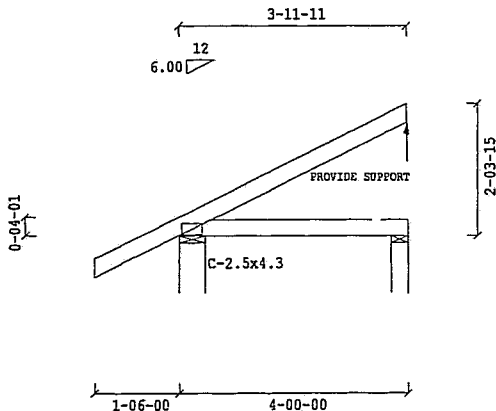
TC LATERAL SUPPORT < 12"OC. UON.

BC LATERAL SUPPORT < 12"OC. UON.

TRUSS SPAN 41'- 0.0"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING

LL(25.0)+DL(7.0) ON TOP CHORD = 32.0 PSF
DL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF



Scale: 1/2"

JOB NAME: 3312-519 SLAYER CONST. - K-HIP-EJ2

FILE NO.: K-HIP-EJ2

DATE: 8/6/2003

DES. BY: *MS*

SEQ.: 1330631

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
- All compression web bracing must be installed where shown +.
- 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.
- No load should be applied to any component until all bracing and fasteners are complete, and at no time should any loads greater than design loads be applied to any component.
- Computrus has no control over and assumes no responsibility for the fabrication, handling, shipment and transportation of components.
- This design is furnished subject to the limitations on truss designs set forth by the Truss Plate Institute in "Bracing Wood Trusses, HIB-61", a copy of which will be furnished by Computrus upon request.

General Notes, unless otherwise noted:

- Design to support loads as shown.
- Design assumes the top and bottom chords to be laterally braced at 2'-0" o.c. and at 12'-0" o.c. respectively.
- 2x4 impact bracing or lateral bracing required where shown + +.
- Installation of truss is the responsibility of the respective contractor.
- Design assumes trusses are to be used in a non-combustible environment, and are for "dry condition" of use.
- Design assumes full bearing at all supports shown. Shim or wedge if necessary.
- Design assumes adequate drainage is provided.
- Plates shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
- Circle indicates size of plate in inches.
- For basic design values of the Computrus Plate, indicated by the prefix "C". See F.O.D. R.F. 4511.
- The Computrus Nail Section Plate is indicated by the prefix "CN", the designation "(16)" indicates 16 ga. material is used. All others are 40 ga.

