

8.233 SW 39TH AV.

REV-01 RS02-113106

RS.02.113106 REV.01,

W

AUG 07 2002
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****02-113106-REV-01-RS****Site Address:** 8233 SW 39TH AVE**Issued:** 7/17/02

PROJECT INFORMATION		Occ. Group	Const. Type
Single Family Dwelling	New Construction	R3	V-N
Project Description: TRUSS DETAILS FOR NSFR ONLY-ADU IS STICK FRAMED			
APPLICANT THE PROPERTY SHOP INC "MIKE MADDEN" Phone (503) 525-7827			
PROPERTY OWNER ROBERT H MC CORMICK & RUTH A MC CORMICK		Phone	
CONTRACTOR THE PROPERTY SHOP INC "MIKE MADDEN"		Phone	

Project Details		Project Details	
Code Edition (Year)	2000	Number of Stories	2
Water District	PORTLAND WATER	Zoning Enforcement Agency	TBD
PAID JUL 17 2002 CITY OF PORTLAND			

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 852-001-0050. 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	Phone:
E-Mail:	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:	2224808	

1806 6/24/02
 TODD 475-6758 MON 2/17/02

PORTLAND OF JON
 29-00-00 (OFF CAPITAL AWAY)

14-00-00 15-00-00

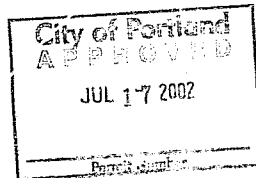
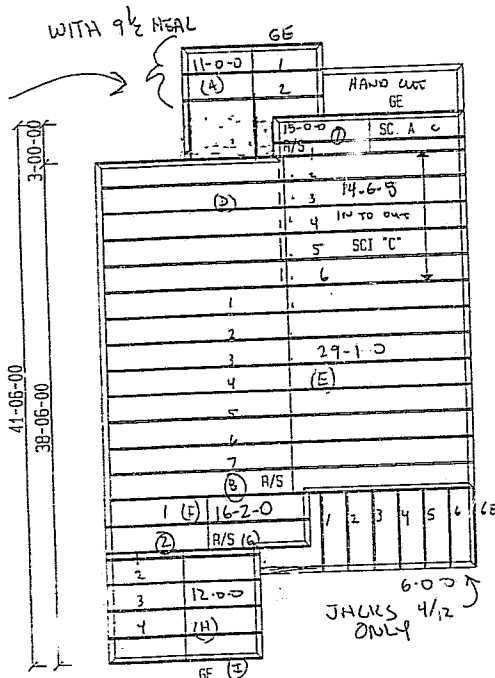
MIKE MADIN CONST.
 1-503-789-8244
 9/12 PITCH
 PDY 525-7927

1-0-0 0/H
 4 1/2 LOWER JACKS ONLY
 42 LOADING

4.5/12 INSIDE

5 1/2 SEAT CUT

ONLY
 11' SPAN



18 VENT
 32 BLOCKS
 56 H. CLIPS

12-00-00 4-00-00 13-00-00

JOB # 1013-02

2
 02-113106 Rev 01 ps

LUMBER SPECIFICATIONS

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

1C LATERAL SUPPORT < 12" OC, UDN.
 8C LATERAL SUPPORT < 12" OC, UDN.

TRUSS SPAN 6'-00"
 LOAD DURATION INCREASE = 1.15
 SPACED 24.0" O.C.

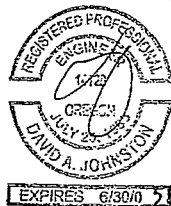
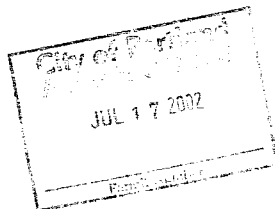
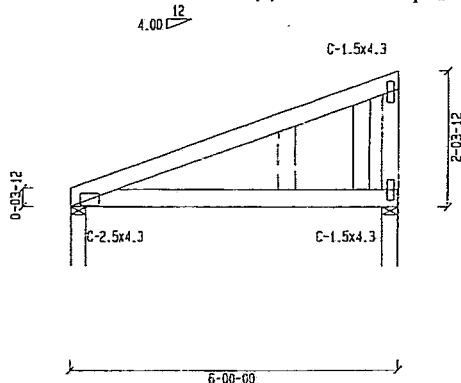
LOADING
 LL (25.0) + DL (7.0) ON TOP CHORD = 32.0 PSF
 DL ON BOTTOM CHORD = 10.0 PSF
 TOTAL LOAD = 42.0 PSF
 K5 PSF REDUCTION TAKEN ON
 BOTTOM CHORD, AXIAL STRESS ONLY.

ANSI/TPI SINGLE MEMBER FORCES

1 1- 0 0 1- 0 0 1-
 LEFT = 222 RIGHT = 222

BEARING AREA REQUIRED (SQ. IN.)
 JOINT 1 .35 DF / .55 HF / .52 SPF
 JOINT 3 .35 DF / .55 HF / .52 SPF

(2)G-1.5x2.6 or equal at uprights.



Scale 1/2"
 JOB NAME: MADTV #1613-02-GG

This design prepared from computer input by APDL

WARNINGS:

1. Read all General Notes and Warnings before construction of truss.
2. Detail and erection contractor should be advised of all General Notes and Warnings before construction commences.
3. 1x3 compression web bracing must be installed where shown.
4. All lateral force resisting elements work as temporary and permanent bracing, must be designed and provided by designer of complete structure. Connection to member for resistance to lateral bracing.
5. No load should be applied to any component until after all bracing and fasteners are complete, and at no time should any load be applied that design load be applied to any component.
6. Complete truss no vertical error and accuracy are responsibility for the fabricator, erector, shipper and destination of component.
7. This design is furnished subject to the limitations on these designs set forth by the Truss Name Bureau in "Trussing Manual, Trusses, 1989-97", 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 24" o.c. and at 12" o.c. respectively.
3. 2x4 impact bracing at lateral bracing required where shown.
4. Installation of truss is the responsibility of the respective contractor.
5. Design assumes bracing is to be used in a representative environment, and is for "dry environment" 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 line coincide with joint center face.
9. Gage indicate size of plate in inches.
10. For basic design values of the Computrus Plate, indicated by the prefix "C", see I.C.B.G. R.R. 4211.
11. The Computrus first Section Plate is indicated by the prefix "CM", the designator (18) indicates 18 ga. material is used. All others are 20 ga.

Design conforms to UBC-97 AnVer: 1.0B (IL) -H



DATE: 6/19/2002
 DES. BY: [Signature]
 SED: 807470

LUMBER SPECIFICATIONS

SIZE SPECIE GRADE

2x 4 DF #2

TOP CHORDS:

2x 4 DF #2

BOTTOM CHORDS:

2x 4 DF #2

WEB:

2x 4 DF STAND

7C LATERAL SUPPORT <= 12'00" UDN.

8C LATERAL SUPPORT <= 12'00" UDN.

TRUSS SPAN 11'-00"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

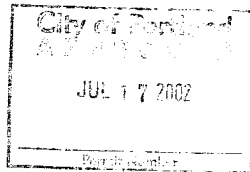
LOADING

LL (25.0) + DL (7.0) ON TOP CHORD = 32.0 PSF

DL ON BOTTOM CHORD = 10.0 PSF

TOTAL LOAD = 42.0 PSF

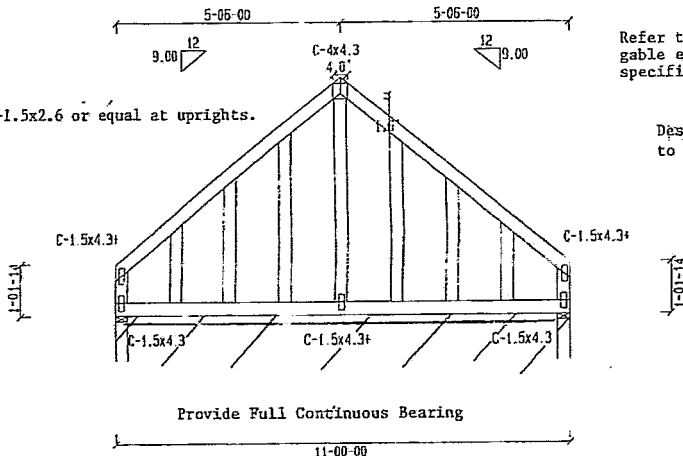
+5 PSF REDUCTION TAKEN ON
BOTTOM CHORD, AXIAL STRESS ONLY.



Refer to Computrus standard
gable and detail for complete
specifications.

Design assumes sheathing
to one face by others..

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



Provide Full Continuous Bearing

Scale: 3/8"

JOIN NAME: MATHIN #1013-02-66

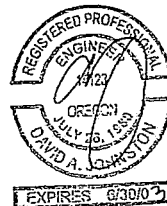
REMARKS:

1. Based on General Notes and Working Notes construction of trusses.
2. Batten and gable construction should be indicated at all General Notes and Working Notes construction dimensions.
3. VED inspection with bracing must be indicated where shown.
4. All lateral bracing elements such as temporary and permanent bracing, must be designed and provided by designer at complete structure. Construction assumes no responsibility for such bracing.
5. No load should be applied to any component until after all bracing and fasteners are in place, and all in time should be greater than design loads be applied to any component.
6. Computer has no control over and assumes no responsibility for the construction, handling, placement and installation of components.
7. The design is furnished subject to the disclaimer on each design set forth by the Truss Plate Institute in Working Notes, HIR-811, 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 12'00" o.c. and at 12'00" o.c.
3. 2x4 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 "permanent" 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 on their ends. One circular with joint center line.
9. Indicate adequate 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 diameter (10) indicates 10 ga. material is used. All others are 20 ga.

This design prepared from computer input by ARIF



Design conforms to UBC-97 AnVer: 1.0B (IL)-H



DATE: 6/18/2002

DES. BY: FM

SED: 807462

LOGGING SPECIFICATIONS

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

TC LATERAL SUPPORT <= 12' OC, UOV.
EC LATERAL SUPPORT <= 12' OC, UOV.

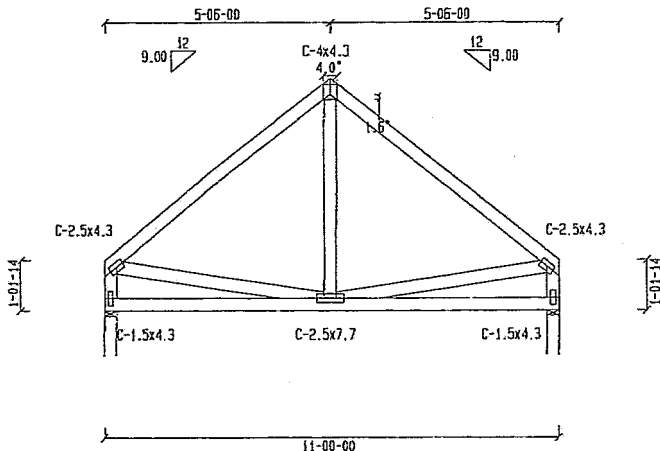
TRUSS SPAN 11'-0.00"
LOAD DURATION INCREASE = 1.15
SPACING 24.0" O.C.

LOADING
LL (25.01+0L | 7.0) ON TOP CHORD = 32.0 PSF
OL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF
X5 PSF REDUCED - TAKEN ON
BOTTOM CHORD, ANAL. STRESS ONLY.

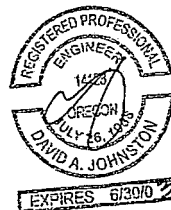
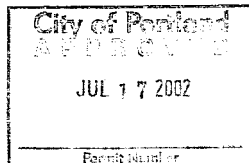
ANSI/TPC	SINGLE MEMBER FORCES	JWRG
1 1	-275 B 1	0 W 1
1 2	-275 B 2	0 W 2
		W 3
		W 4
		W 5

LEFT = 407 RIGHT = 407

BEARING AREA REQUIRED (SQ. IN.)
JOINT 4 .65 DF / 1.00 HF / .96 SPF
JOINT 6 .65 DF / 1.00 HF / .96 SPF



Scale: 3/8"
JOB NAME: MADIN #1013-02-GS



This design prepared from computer input by ARIEL

WARNINGS:

- Read all General Notes and Warnings before construction of truss.
- Builder and erector contract should be advised of all General Notes and Warnings before construction commences.
- 100% inspection and testing must be installed where shown.
- All braced frame resisting elements such as secondary and permanent bracing, must be designed and provided by designer of complete structure.
- Design assumes no responsibility for workmanship.
- No load should be applied in any component until all bracing and fasteners are complete, and all tie lines should stay braced until they develop loads as applied to any component.
- Construction has no control over and assumes no responsibility for the installation, handling, placement and distribution of components.
- This design is furnished subject to the limitations and conditions set forth by the Truss Time Machine Building Wood Trusses, 100-01, 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-seismic environment, and are for "dry condition" of use.
- Design assumes full bearing at all supports shown. Shim or wedge if necessary.
- Drainage adequate drainage is provided.
- Plates should be located on both faces of truss, and placed so their corner holes coincide with joint center lines.
- Design indicates size of plate in inches.
- For base design values of the Computrus Plate, indicated by the prefix "C", see LCB.O, R.R. 4211.
- The Computrus Joint Bottom Plate is indicated by the prefix "CN", the designator (18) indicates 18 ga. material is used. All others are 20 ga.

Design conforms to UBC-97 AnVer: 1.0b (1L)



LOWER SPECIFICATIONS

SIZE SPECIE GRADE PANEL(S)
TOP CHORDS:
2x 4 DF #2 1, 2
BOTTOM CHORDS:
2x 4 DF #2 1, 2
MEMS:
2x 4 DF STAND 1

12 LATERAL SUPPORT <= 12" OC. UDN.
12 LATERAL SUPPORT <= 12" OC. UDN.

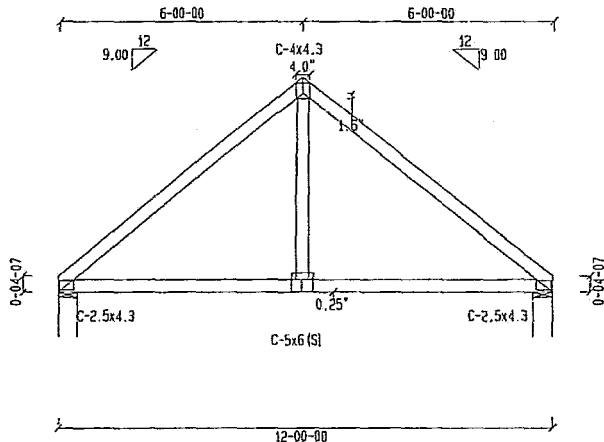
TRUSS SPAN 12' - 00"
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

LOADING
LL (25.0) + OL (7.0) ON TOP CHORD = 32.0 PSF
OL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF
#5 PSF REDUCTION TAKEN ON
BOTTOM CHORD, AXIAL STRESS ONLY.

ANSE/1P1 SINGLE MEMBER FORCES 4MSD
T 1 = -290 B 1 = 271 W 1 = 50
T 2 = -350 B 2 = 271

LEFT = 444 RIGHT = 444

BEARING AREA REQUIRED (SQ. IN)
JOINT 1 .71 DF / 1.10 HF / 1.04 SPF
JOINT 3 .71 DF / 1.10 HF / 1.04 SPF



Scale: 3/8"

MR NAME: WADIN #1013-02-GG

This design prepared from computer input by ARIEL

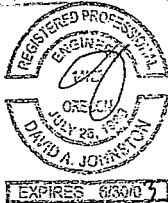
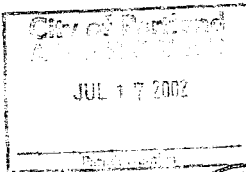
WARNINGS:

1. Read all General Notes and Warnings before construction of truss.
2. Fabric and erection instructions should be followed at all General Notes and Warnings before construction of truss.
3. All connections and bracing must be installed where shown.
4. All lateral bracing elements must be 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 installed, and all other should not load other than their loads be applied to any component.
7. Computer has no moral and liability responsibility for the fabrication, handling, erection and installation of components.
8. This design is furnished subject to the disclaimer on these drawings and shall be no time for liability for "Shoring Work Truss, 1013-02", 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 24" o.c. and at 12" o.c. respectively.
3. 2x4 impact blocking of lateral bracing required where shown.
4. Installation of truss is the responsibility of the erector/contractor.
5. Design assumes trusses are to be used in a non-compressive environment, and for "any condition" of use.
6. Design assumes full bracing at all supports shown. Shims or wedges if necessary.
7. Design assumes adequate drainage is provided.
8. Plates shall be located on both faces of truss, and placed on their center lines.
9. Plates indicate size of plate in inches.
10. For basic design values at the Computer Plate, indicated by the prefix "C", see L.C.B.O. R.R. 4211.
11. The Computer Net Section Plate is indicated by the prefix "C/C", the designator 1191 indicates 18 ga. material is used. All others are 20 ga.

Design conforms to UBC-97 AnVer: 1.08 (11)



DATE: 6/19/2002

DES. BY: JM

SEC.: 807468

LOMBER SPECIFICATIONS

SIZE	SPECIE GRADE	PANEL ISI
2x 4	DF #2	1, 2
2x 4	DF #2	1, 2
2x 4	DF STAND	1

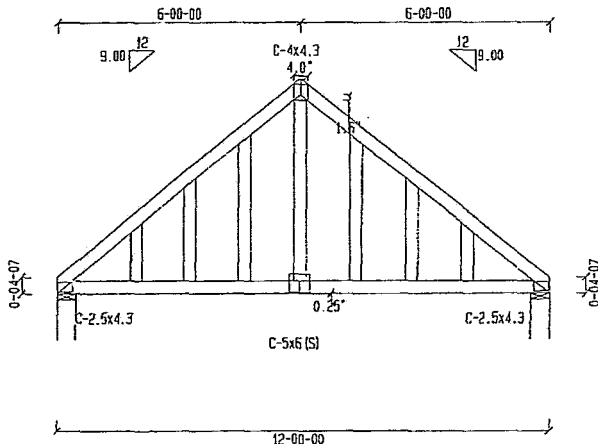
TC LATERAL SUPPORT <= 12' OC, UON.
BC LATERAL SUPPORT <= 12' OC, UON.

TRUSS SPAN 1' = .00'
LOAD DURATION INCREASE = 1.15
SPACED 24.0' O.C.

LOADING
LL (25.0) + DL (7.0) ON TOP CHORD = 32.0 PSF
OL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF
#5 PSF REDUCTION TAKEN ON
BOTTOM CHORD, AXIAL STRESS ONLY.

ANSI/TPI	SINGLE MEMBER FORCES	WRSO
1 1'	-350 8 1'	271 1 1'
1 2'	-350 8 2'	271
LEFT =	444	RIGHT = 444
BEARING AREA REQUIRED [50. IN		
JOINT 1	.71 DF / 1.10 HF /	1.04 SPF
JOINT 3	.71 DF / 1.10 HF /	1.04 SPF

(2)G-1.5x2.6 or equal at uprights.



Scale 3/8"

JOB NAME: MADIN #1013-02-06

This design prepared from computer input by ARIEL

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. VPS compression web bracing must be bolted where shown.
4. All lateral force resisting elements such as temporary and permanent bracing, must be designed and provided by designer if an engineer's estimate.
5. Compression members are responsible for wind bracing.
6. No load should be applied to any component until after all bracing and fasteners are complete, and if no time should any loads greater than design loads be applied to any component.
7. Designers have the control over and maintain the responsibility for the fabrication, handling, shipment and installation of components.
8. This design is intended subject to the limitations on loads and design set forth by the Truss Plate Institute ("Trussing Wood Trusses, 198-01"), a copy of which will be furnished by Compufuss 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 of 2'-0" o.c. and at 12'-0" o.c., respectively.
3. 2x4 Impact bracing on lateral bracing required where shown.
4. Acceptance of this is the responsibility of the respective contractor.
5. Design assumes trusses are to be used in a non-combustible 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 sides of truss, and placed so their center lines coincide with joint center lines.
9. Dots indicate size of plate in inches.
10. See Identification Values of the Compufuss Plate, indicated by the prefix "C", per I.C.B.O. R.H. 4211.
11. The Compufuss Red Section Plate is indicated by the prefix "CN", the designator (18) indicates 18 ga. material is used. All others are 20 ga.

DATE 6/18/2002

DES. BY: *RM*

SCO.: 807469

Design conforms to UBC-97 AnVer: 1.08(11)-M



LUMBER SPECIFICATIONS

SIZE	SPECIE	GRADE	PANEL (S)
TOP CHORDS:			
2x 4	DF	#2	1, 2
BOTTOM CHORDS:			
2x 4	DF	#2	1, 2
MEMBERS:			
2x 4	DF	STAND	1

TC LATERAL SUPPORT C* 12"OC, UDM.
 BC LATERAL SUPPORT C* 12"OC, UDM.

TRUSS SPAN 15'-00"
 LOAD DURATION INCREASE = 1.15
 SPACED 24.0" O.C.

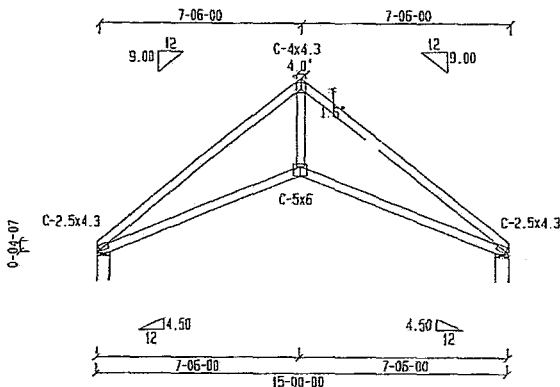
LOADING
 LL (25.0) + DL (7.0) ON TOP CHORD = 32.0 PSF
 DL ON BOTTOM CHORD = 10.0 PSF
 TOTAL LOAD = 42.0 PSF
 *5 PSF REDUCTION TAKEN ON
 BOTTOM CHORD, AXIAL STRESS ONLY.

ANSI/TPI SINGL MEMBER FORCES 4NR0
 1 1* -831 B 1* 692 W 1* 561
 1 2* -831 B 2* 692

LEFT = S55 RIGHT = S55

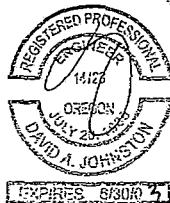
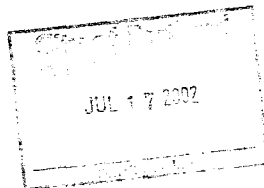
BEARING AREA REQUIRED (SQ. IN)
 JOINT 1 .89 DF / 1.37 HF / 1.31 SPF
 JOINT 3 .89 DF / 1.37 HF / 1.31 SPF

!!!



Scale: 1/4"

JOB NAME: MADIN #1013-02-66



This design prepared from computer input by ARIEL

- REVISIONS:**
1. Check all General Notes
 2. Engineer and erection instructions should be provided for all General Notes and Warnings before construction commences.
 3. All temporary bracing should be installed where shown, i.e., all bracing should be removed as soon as the permanent bracing is installed and provided by design of temporary structure. Construction sequence is responsibility for such bracing.
 4. The bracing should be applied to any component until the bracing and fasteners are complete, and at no time should any loads or other than design loads be applied to any component.
 5. Computer has no control over and assumes no responsibility for the fabrication, handling, shipment and installation of components.
 6. This design is limited subject to the limitations on beam design set forth by the Truss Plate Institute's "Design of Trusses, Steel Deck", a copy of which will be furnished by Computer upon request.

General Notes, unless otherwise noted:

1. Design is subject to 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. 2x4 Impact bridging or lateral bracing required where shown i.e., installation of truss is the responsibility of the respective contractor.
4. Design assumes all trusses are to be used in a temporary environment, and are for "dry conditions" of use.
5. Design assumes full bearing at all supports shown, stem or wedge if necessary.
6. Design assumes adequate drainage is provided.
7. Purlins shall be located on both faces of truss, and placed so their center lines coincide with joint center lines.
8. Purlins indicate size of plate in inches.
9. For basic design values of the Computer Plate, indicated by the prefix "C", see I.C.B.G. R.E. 421.
10. The Computer Net Section Plate is indicated by the prefix "CN", the designator [18] indicates 18 ga. material is used, all others are 20 ga.

Design conforms to UBC-97 Anver: 1.00 (11)



NO. 7647 P. 8/27

COMPUTRUS 909-343 3180

LUMBER SPECIFICATIONS

SIZE	SPECIE GRADE	PANEL (S)
2x 4	DF #2	1-4
2x 4	DF #2	1, 2
2x 4	DF STAND	1-3

TC LATERAL SUPPORT <= 12" OC, UDN.
BC LATERAL SUPPORT <= 12" OC, UDN.

TRUSS SPAN 16'-2.00"
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 LG'D = 42.0 PSF
= 5 PSF REDUCTION TAKEN ON
BOTTOM CHORD, A... STRESS ONLY.

ANSI/TPI	SINGLE MEMBER FORCES	4WD
1 1-	-551 B 1-	496 N 1-
1 2-	-455 B 2-	496 N 2-
1 3-	-455	N 3-
1 4-	-651	-171

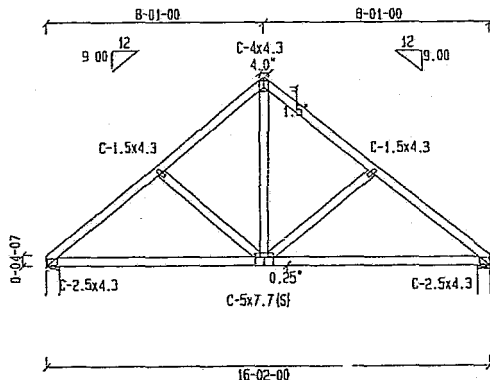
LEFT = 590 RIGHT = 590

BEARING AREA REQUIRED (SO. IN)

JOINT 1	.96 DF /	1.49 HF /	1.11 SPF
JOINT 5	.96 DF /	1.49 HF /	1.41 SPF

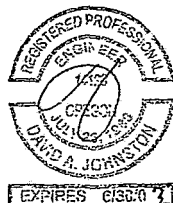
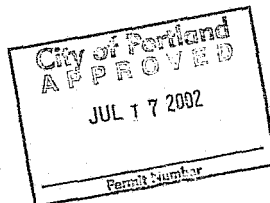
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Scale: 1/4"

JOB NAME: WADIN #1013-02-06



This design prepared (from computer input by ABRI)

- WARNINGS:
- Read all General Notes and Warnings before construction of truss.
 - Builder and erection contractor should be advised of all General Notes and Warnings before construction commences.
 - 1.12 no suspension wire bracing must be installed where shown 1-4.
 - 1.13 all steel members meeting elements such as diagonals and gusset plates, must be designed and provided by designer at complete structure.
 - Complete designer is responsible for such bracing.
 - We have should be applied to any component until after all bracing and fasteners are complete, and in no case should any trade greater than design loads be applied to any component.
 - Complete has no control over and assumes no responsibility for the fabrication, handling, shipping, or installation of components.
 - This design is furnished subject to the limitations on truss design set forth by the Truss Plate Institute "Trussing Wood Trusses, 1983-91", a copy of which will be furnished by Complete upon request.

- General Notes, unless otherwise noted:
- Design to support loads as shown.
 - Design assumes 12/9 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 1-4.
 - Installation of truss is the responsibility of the respective contractor.
 - Design assumes truss are to be used in a non-ventilative 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 full center lines.
 - Diagonals indicate size of plate in inches.
 - For bare design values of the Computrus Plate, indicated by the prefix "C", see I.C.R.O. R.R. 4211.
 - The Computrus Steel Section Plate is indicated by the prefix "CN", the designator (18) indicates 18 ga. material is used. All others are 20 ga.

Design conforms to UBC-97 Answer: 1.06(1)

DATE: 6/19/2002

DES. BY: TM

SEO: 807467



NO. 7647 P. 6/27

LUMBER SPECIFICATIONS

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

TC LATERAL SUPPORT <= 12" OC, VON.
 BC LATERAL SUPPORT <= 12" OC, VON.

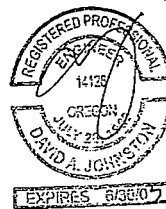
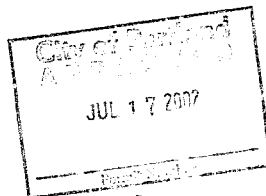
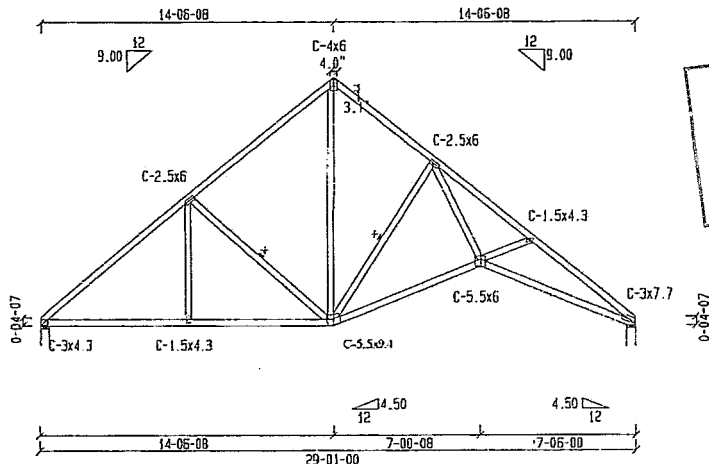
TRUSS SPAN 29'- 1.00"
 LOAD DURATION INCREASE = 1.15
 SPACED 24.0" O.C.

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

ANSI/TPI	SINGLE MEMBER FORCES	WARGO
T 1 =	-1274	B 1 = 992
T 2 =	-849	B 2 = 992
T 3 =	-849	B 3 = 641
T 4 =	-2246	B 4 = 2054
T 5 =	-2500	H 5 = 1441
		H 6 = -141

LEFT = 1075 RIGHT = 1077

BEARING AREA REQUIRED (SQ. IN)
 JOINT 1 1.72 DF / 2.65 HF / 2.53 PSF
 JOINT 5 1.72 DF / 2.66 HF / 2.53 PSF



Scale: 3/16"
 JOB NAME: MADIN #1013-02-05

This design prepared from computer input by ARIEL

WARNINGS:

- Read all General Notes and Warnings before construction of trusses.
- Builder and machine contractor should be advised of all General Notes and Warnings before construction commences.
- 123 compression web bracing must be installed where shown.
- All braced areas requiring alterations such as temporary and permanent bracing, must be designed and provided by designer of complete structure. Designer assumes no responsibility for such bracing.
- No load should be applied to any component until after all bracing and fasteners are complete, and no time should any loads greater than design loads be applied to any component.
- Engineer has no control over and assumes no responsibility for the fabrication, handling, placement and installation of components.
- This design is furnished subject to the limitations on these designs set forth by the Truss Plate Institute's "Trussing Wood Trusses, 1989-91", a copy of which will be furnished by Communicative upon request.

General Notes, unless otherwise noted:

- Design to support loads as shown.
- Design assume all top and bottom chords to be laterally braced at 7'-0" o.c. and at 12'-0" o.c. respectively.
- 2x6 braced bridging or lateral bracing required where shown + 4
- Installation of truss is the responsibility of the respective contractor.
- Design assumes trusses are to be used in a non-detractive environment, and are for "dry condition" of use.
- Design assumes full bearing at all supports shown. Shims or wedges if necessary.
- Design assumes adequate drainage to be provided.
- Plates shall be located on both faces of truss, and placed in their center lines coincide with joint center lines.
- Digits indicate size of plate in inches.
10. All basic design values are from the Communicative Plans, indicated by the prefix "C", see I.C.E.D. R.S. 4211.
- The Communicative Section Plate is indicated by the prefix "CH", the designator (18) indicates 18 ga. material is used. All others are 20 ga.

Design conforms to UBC-97 AnVar: 1.08 (II)

DATE: 6/10/2002

DES. BY: Jm

SEO: 807465



NO. 7647 P. 7/27

COMPUTRUS 909-343 3180

LUMBER SPECIFICATION:

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

TC LATERAL SUPPORT <= 12'00" UON.
BC LATERAL SUPPORT <= 12'00" UON.

TRUSS SPAN 29'-1.00'
LOAD DURATION INCREASE = 1.15
SPACED 24.0" O.C.

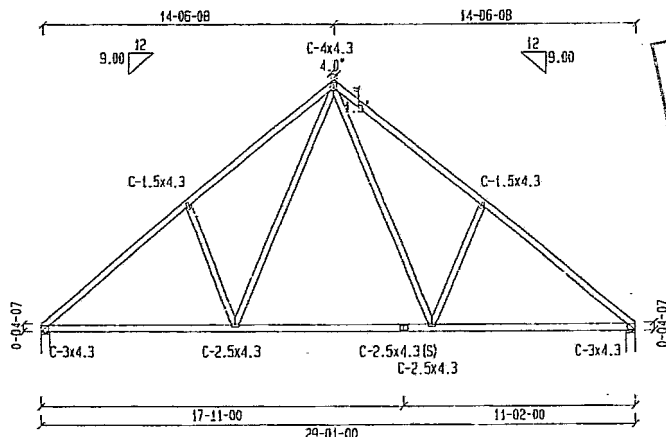
LOADING
LL (25.0) DL (7.0) ON TOP CHORD = 32.0 PSF
CL ON BOTTOM CHORD = 10.0 PSF
TOTAL LOAD = 42.0 PSF
= 5 PSF REDUCTION TAKEN ON
BOTTOM CHORD, AXIAL STRESS ONLY.

ANSI/TPI	SINGLE MEMBER FORCES	4x10
1 =	-1257 B 1 =	979 W 1 =
2 =	-1080 B 2 =	672 W 2 =
3 =	-1060 B 3 =	979 W 3 =
4 =	-1257	W 4 =

LEFT = 1076 RIGHT = 1075

BEARING AREA REQUIRED ISO (M)
JOINT 1 1.72 DF / 2.66 HF / 2.53 SF
JOINT 5 1.72 DF / 2.66 HF / 2.53 SF

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Scale: 3/16"
JOB NAME: MADIN #1013-02-06

This design prepared (per computer input by AR16)

NOTES:

1. Read all General Notes and Warnings before construction of truss.
2. Batten and bracing connections should be verified at all General Notes and Warnings before construction commences.
3. All components and 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 in compliance with applicable code requirements for such bracing.
5. The 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 disclaimer on truss design and built by the user. The user is responsible for the design and built by the user. The user is responsible for the design and built by the user.

General Notes, unless otherwise noted:

1. Design for support loads as shown.
2. Design assume the top and bottom chords to be laterally braced at 12'0" o.c. and at 12'0" o.c. respectively.
3. See impact bridging or lateral bracing required where shown.
4. Installation of items is the responsibility of the respective contractor.
5. Design assumed factors are to be placed in a non-conservative 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, 6" placed as their center lines coincide with center lines.
9. Design indicates size of plate in inches.
10. See basic design values of the Computrus Plate, indicated by the prefix "C", see C.B.O. R.R. 4217.
11. The Computrus Hot Spot Plate is indicated by the prefix "CH", the designator (10) indicates 10 ga. material is used. All others are 20 ga.

Design conforms to UBC-97 AnVer: 1.08 (IL)



DATE: 6/19/2002

DES. BY: PM

SED: 807466