

3560 SW ALICE ST. REV-01 RS04-001289

RS.04.001289 REV.01.

B

AUG 31 2004
MICROFILMED

27



CITY OF
PORTLAND, OREGON
BUREAU OF DEVELOPMENT SERVICES
1900 SW 4th Ave, Suite 5000
Portland, OR 97201



RESIDENTIAL 1 & 2 FAMILY PERMIT

04-001289-REV-01-RS

Site Address: 3560 SW ALICE ST

Issued: 8/27/04

PROJECT INFORMATION		Occ. Group	Const. Type
Single Family Dwelling	New Construction	R3 U1	V-N
Project Description: TRUSS SUBMITTAL			

APPLICANT	STAN ANDERSON BUILDERS "STAN ANDERSON"	Phone (503) 977-2134
PROPERTY OWNER	STANLEY P ANDERSON	Phone (503) 901-1009
CONTRACTOR	A-TEMP HEATING & COOLING INC	Phone

Project Details		Project Details	
Code Edition	IRC - 2003	GIS Update Flag	01/15/04
Number of Stories	3	On-Site Stormwater Facility	Soakage trench - W
Water District	Portland Water Bureau	Zoning Enforcement Agency	Portland

PAID
AUG 30 2004
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 952-001-0010 through OAR 952-001-0090. 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).
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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) 823-8868		
IVR Inspection Request Number: 2338841		

Truss Components of Oregon
Cornelius, OR
May-13-2004

Page 1

Submitted by DT 08:00:09 05-13-2004 Reviewer: DT

504070

R7175 05/12/2004

Flat Seals

<001>	76065--AFW	04134024
<002>	76066--A	04134030
<003>	76067--AG	04134031
<004>	76068--B	04134033
<005>	76069--BFW	04134025
<006>	76070--C1	04134026
<007>	76071--C	04134027
<008>	76072--D	04134028
<009>	76073--DS	04134029
<010>	76074--E	04134034
<011>	76075--EFW	04134032

Total Drawings: <011> --76065--

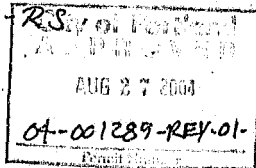
Details Enclosed: A09030EN-GBLLETIN

Engineer: _____

Stan Anderson Builders, LLC

Site address: 3560 SW Alice St.
Portland, OR 97219

Plan/Permit #: 04-001289-RS



04-1289-REV-1-RS ✓

Top chord 2x4 HF #2

Bot chord 2x4 HF #2

Webbs 2x4 HF Std/Stud :W1 2x4 HF #2:

:W3 2x4 DF-L 1800F-1.6E: :W4 2x4 DF-L #1&Bt.:

:W5 2x4 DF-L 2400F-2.0E:

In lieu of rigid ceiling use purlins: to brace BC @ 24" OC

10 psf BC live load per UBC.

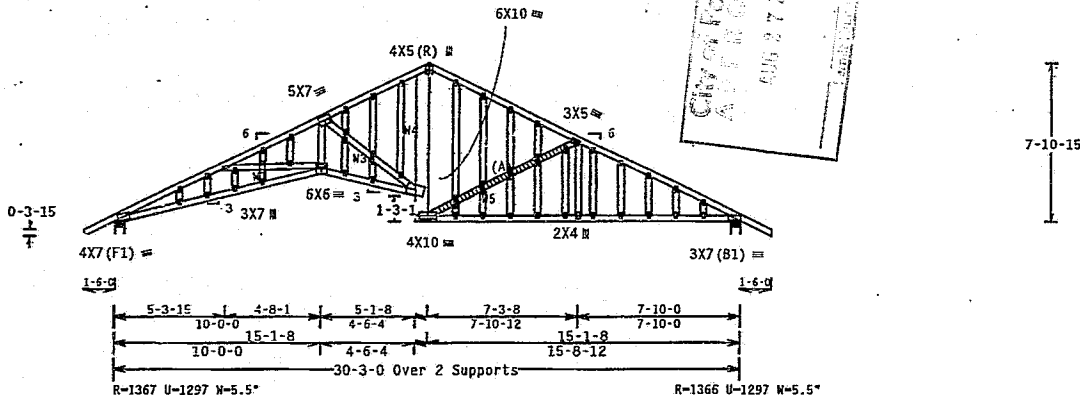
(A) scab brace, 80% length of web member. Same size, species & grade or better. Attach with 10d nails @ 6" OC.

90 mph wind, 21.75 ft mean hgt, ASCE 7-93, CLOSED bldg, located anywhere in roof, 100 ft from coast, CAT 1, EXP C, wind TC DL=5.0 psf, wind BC DL=7.0 psf.

Calculated horizontal deflection is 0.26" due to live load and 0.17" due to dead load.

See DMGS A09030EH0699 & GBLLETIN1001 for more requirements.

Deflection meets L/360 live and L/240-total load. Creep increase factor for dead load is 1.00.

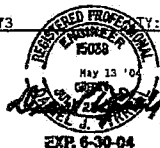


Note: All Plates Are W15X3 Except As Shown.

PLT TYP. WAVE TPI

Design Crft: TPI-1995(STD)/UBC

18.213



OR/-/1/-/1/-/F

Scale = .1875"/ft.

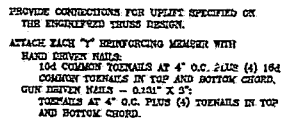
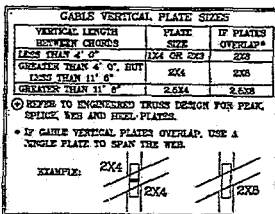


"WARNING" TRUSSES BEARING EXTREMELY LOW IN FABRICATING, HANDLING, MOVING, INSTALLATION AND BRACING. REFER TO PAGE 3-01 (GENERAL) COMMENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 805 O'CONNOR BLVD., SUITE 100, WAVERLY, UT 84083 AND STEEL TRUSS DESIGN, OF WASHINGTON, 1000 UNIVERSITY BLVD., SEATTLE, WA 98101 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL CHAINS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PURLINS AND BOTTOM CHAINS SHALL HAVE A PROPERLY ATTACHED 1/2" CHAIN.

"IMPORTANT" FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN, OR FABRICATING, HANDLING, MOVING, INSTALLATION OR BRACING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALPINE ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN, OR FABRICATING, HANDLING, MOVING, INSTALLATION OR BRACING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALPINE ENGINEERS PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN, OR FABRICATING, HANDLING, MOVING, INSTALLATION OR BRACING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TC LL	25.0 PSF	REF R7175- 76073
TC DL	7.0 PSF	DATE 05/13/04
BC DL	10.0 PSF	DRW MAUSRI75 04134029
BC LL	0.0 PSF	WA-ENG /DT
TOT.LD.	42.0 PSF	SEQN- 169924
DUR.FAC.	1.15	FROM FP
SPACING	24.0"	JREF- 1SCV001_Z02

SYN. 6
ARCT. 1



THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE
GABLE DETAIL FOR ASCE OR SBCS WIND LOAD.

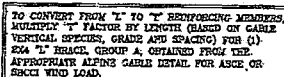
ASCE CABLE DETAIL DRAWINGS

A11015EN0099, A10015EN0099, A09015EN0099, A08015EN0099, A07015EN0099
A11030EN0099, A10030EN0099, A09030EN0099, A08030EN0099, A07030EN0099

SBOCI CABLE DETAIL DRAWINGS

S11015EN0099, S10015EN0099, S09015EN0099, S08015EN0099, S07015EN0099
S11030EN0099, S10030EN0099, S09030EN0099, S08030EN0099, S07030EN0099

SEE APPROPRIATE ALPHINE CABLE DETAIL (ASCE OR SECCI
WIND LOAD) FOR MAXIMUM UNREINFORCED CABLE
VERTICAL LENGTH.



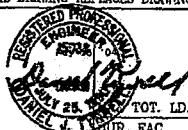
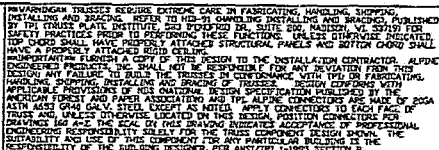
MAXIMUM ALLOWABLE T-REINFORCED CABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MGR. SIZE	T. TEMP. MGR. SIZE	SDCCI	ASCE
110 MPH	2nd	10 %	10 %
16 FT	2nd	40 %	60 %
110 MPH	2nd	10 %	10 %
30 FT	2nd	50 %	50 %
100 MPH	2nd	10 %	10 %
15 FT	2nd	30 %	80 %
100 MPH	2nd	10 %	10 %
30 FT	2nd	40 %	40 %
90 MPH	2nd	20 %	40 %
15 FT	2nd	20 %	40 %
90 MPH	2nd	10 %	10 %
32 FT	2nd	30 %	60 %
80 MPH	2nd	10 %	20 %
32 FT	2nd	10 %	30 %
90 MPH	2nd	20 %	10 %
30 FT	2nd	20 %	40 %
70 MPH	2nd	0 %	30 %
15 FT	2nd	0 %	20 %
70 MPH	2nd	10 %	20 %
30 FT	2nd	10 %	30 %

EXAMPLE

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
CABLE VERTICAL = 24" O.C. SP #3
" REINFORCED MEMBER SIZE = 254
" BRACE INCREASE (FROM ABOVE) = 10% = 120
(1) 254 "L" BRACE LENGTH = 6' 7"
MAXIMUM " REINFORCED CABLE VERTICAL LENGTH
120 = 5' 7" = 7' 3"



THIS DRAWING REPLACES DRAWINGS GAB98117 878.719 & HC26294035

TOT. LD. 60 PSF

EXP. 6-30-04 FAX SPACING 24.0"

REF LET-IN VERT

DATE 08/25/98

DRWG GBLLETTIN0899

-ENG DLJ/KAR

AUG 27 2004

BRACING GROUP SPECIES AND GRADEN:			
GROUP A:			
SPECIAL - FIB - FIB		NEM - FIB	
#1	#2 STANDARD	#2	STANDARD
#3	STUD	#3	STANDARD
DOUGLAS FIB - LARGE		SOUTHERN PINE	
#1	STUD	#1	STUD
STANDARD	STANDARD	STANDARD	STANDARD

GROUP B:	
NEM - FIB	
#1 & #2	
#1	
SOUTHERN PINE	DOUGLAS FIB - LARGE
#1	#1
#2	#2

LIVE LOAD DEFLECTION CRITERIA IS $1/240$.
 PROVIDE UPLIFT CONNECTIONS FOR 100 PSF OVER
 CONTINUOUS BEARING (6 PSF TO DEAD LOAD)

CABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12' PLTWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 104 NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 8" O.C.,
IN 16" END ZONES AND 4" O.C. BETWEEN ZONES

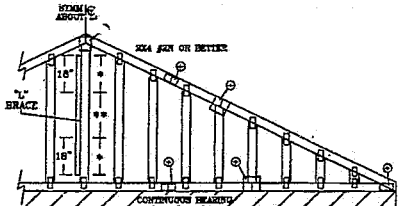
7" BRACING MUST BE A MINIMUM OF 50% OF THE MEMBER LENGTH.

VERTICAL LENGTH	NO. OF PLATES
LESS THAN 4' 0"	1X4 OR 2X4
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2-2X4

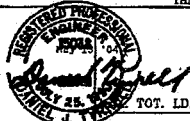
+ REFER TO COMMON TRUSS DESIGN FOR
PEAK, SPACE, AND HILL PLATES.

THIS DRAWING REPLACES DRAWING A9030E

REF	ASCE-GAB9030
DATE	08/25/99
DRWG	A09030EN0699
-ENG	



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH

[illegible]

TOT. LD 60 PSF

EXP. 6-30-04

MAX. SPACING 24.0"