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

MULTNOMAH COUNTY

RESIDENTIAL 1 & 2 FAMILY PERMIT

05-164537-DFS-01-RS

Site Address: 4164 SW GREENLEAF DR

Issued: 9/20/06

PROJECT INFORMATION		Occ. Group	Const. Type
Single Family Dwelling	New Construction	R3 U	V-N

Project Description: DFS 9/14/06 - TRUSSES

APPLICANT	GREGORY MICHAEL PALIN INC	Phone (503) 473-7516
PROPERTY OWNER	MICHAEL BERNSTEIN & TINA M BASKIN	Phone
CONTRACTOR	PORTLAND HEATING INC	Phone

Project Details

Code Edition	IRC - 2003
Number of Stories	2
Valuation at Issuance	349115

Project Details

GIS Update Flag	10/06/05
On-Site Stormwater Facility	Soakage trench - W
Zoning Enforcement Agency	Portland

PAID
SEP 20 2006
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 952-001-0030. 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: 2502307

1-253-568 7991

Tyrrell Engineering

 Document ID:1SRI7175Z0424092020

(2)

Truss Fabricator: Truss Components of Oregon 503 357 2118
Transmitted From:
Job Identification: 1005200-Job:1005200 /BASKIN - BEARSTEIN RES
Model Code:
Truss Criteria: ANSI/TPI-2002;ANSI/TPI-2002(STD)/IBC
Engineering Software: Alpine proprietary truss analysis software. Version 7.12.0218.02.
Truss Design Loads: Roof - 45 PSF @ 1.15 Duration
Floor - N/A
Wind - 100 MPH (ASCE 7-98-Closed)

Notes:

Seal Date: 10/24/2005

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. As shown on attached drawings; the drawing number is preceded by: MOUSR7175

Details: BRCALHIP
Submitted by DT 09:20:13 10-24-2005 Reviewer: CT
$$

#	Ref	Description	Drawing#	Date
1	14738	--SDG	05294200	10/21/05
2	14739	--SD1	05294201	10/21/05
3	14740	--SD2	05294212	10/21/05
4	14741	--SD3	05294202	10/21/05
5	14742	--B	05294203	10/21/05
6	14743	--A	05294204	10/21/05
7	14744	--A1	05294205	10/21/05
8	14745	--A2	05294206	10/21/05
9	14746	--A3	05294207	10/21/05
10	14747	--AG	05294208	10/21/05
11	14748	--EJ1	05294211	10/21/05
12	14749	--EJ2	05294209	10/21/05
13	14750	--EJ3	05294210	10/21/05

billyb@trusscomponents.net

05-164537-DFS-01-RS

Tyrrell Engineering

 Document ID:1SRJ7175Z0424092020

Truss Fabricator:	Truss Components of Oregon
Job Identification:	1005Z00-Job:1005Z00 /BASKIN - BEARSTEIN RES
Model Code:	
Truss Criteria:	ANSI/TPI-2002;ANSI/TPI-2002(STD)/IBC
Engineering Software:	Alpine proprietary truss analysis software. Version 7.12.0218.02.
Truss Design Loads:	Roof - 45 PSF @ 1.15 Duration Floor - N/A Wind - 100 MPH (ASCE 7-98-Closed)

Notes:

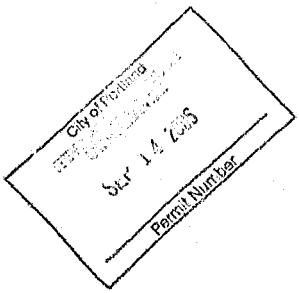
Seal Date: 10/24/2005

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. As shown on attached drawings; the drawing number is preceded by: MOUSR7175

Submitted by DT 09:20:13 10-24-2005 Reviewer: CT

Revised Trusses

#	Ref	Description	Drawing#	Date
1	14740--SD2		05294212	10/21/05



(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - SOG)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 HF #2 :T2 2x4 DF-L 2400F-2.0E:
Bot chord 2x6 HF SS
Webs 2x4 HF Std/Stud :W4, W10 2x4 I'F #2:

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.33" due to live load and 0.28" due to dead load.

#1 hip supports 7-10-15 jacks at left end and 7-11-4 jacks at right end. Jacks are BC supported. (SIMP LUS24)

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

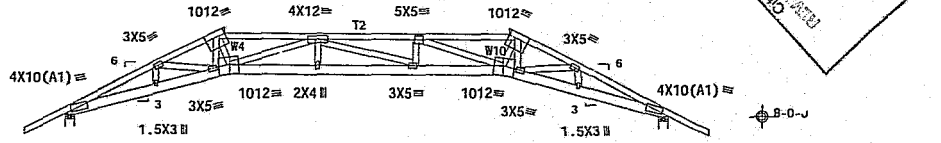
EXTEND SLOPING TC OF TRUSS AND JACKS TO HIP RAFTER. SUPPORT EXTENSIONS EVERY 48" FT TO FLAT TC. ATTACH 2x4 LATERAL BRACING TO FLAT TC @ 24" OC WITH 2-16d NAILS AND DIAGONALLY BRACE PER DWG. BRCALHIPR1103. SUPPORT HIP RAFTER WITH CRIPPLES AT 67.8" OC..

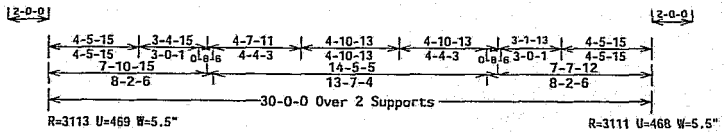
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131x3.0 g nails)
Top Chord: 1 Row @ 12" o.c.
Bot Chord: 1 Row @ 9" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
(1) 1/2" bolts MAY BE USED FOR (2) 0.131x3.0 g nails ON THE BOTTOM CHORD ONLY.

Deflection meets L/360 live and L/280 total load.

Calculated vertical deflection is 0.63" due to live load and 0.53" due to dead load at X = 17-3-11.





R=3113 U=469 W=5.5"

R=3111 U=468 W=5.5"

PLT TYP. WAVE	Design Crit: TPI-2002(STD)/IBC	7.12.0218.02	QTY:1	OR/-/1/-/-/R/-	Scale =.1875"/Ft.
			TC LL	25.0 PSF	REF R7175- 14738
			TC DL	10.0 PSF	DATE 10/21/05
			BC DL	10.0 PSF	DRW WAUSR7175 05294200
			BC LL	0.0 PSF	WA-ENG CT/DT
			TOT.LD.	45.0 PSF	
			DUR.FAC.	1.15	FROM BB
			SPACING	24.0"	

ALPINE
Tyrrell Engineering

REGISTERED PROFESSIONAL ENGINEER
15038
DANIEL J. TYRRELL
DATE OF SEAL 10/21/05
EXP. 6-30-06

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - SD1)

THIS DRG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 HF #2
Bot chord 2x4 HF #2
Webs 2x4 HF Std/Stud

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated vertical deflection is 0.57" due to live load and 0.47" due to dead load at X = 15-0-0.

EXTEND SLOPING TC OF TRUSS AND JACKS TO HIP RAFTER. SUPPORT EXTENSIONS EVERY 48" FT TO FLAT TC. ATTACH 2x4 LATERAL BRACING TO FLAT TC @ 24" OC WITH 2-16d NAILS AND DIAGONALLY BRACE PER DWG. BRCALHIPR1103. SUPPORT HIP RAFTER WITH CRIPPLES AT 67.8" OC..

2 COMPLETE TRUSSES REQUIRED

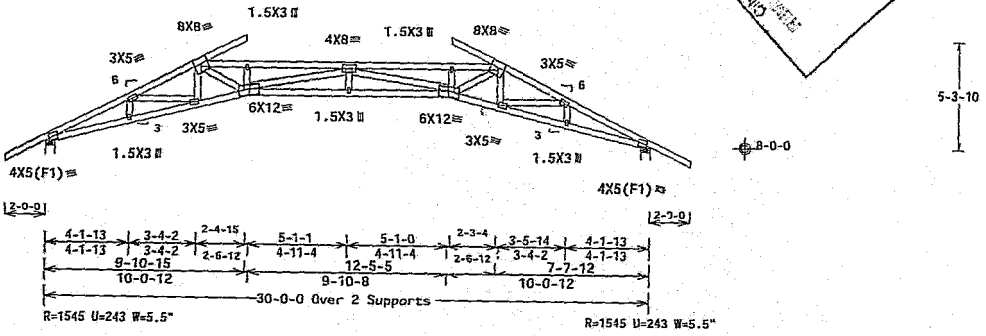
Nailing Schedule: (0.131x3.0 g nails)
Top Chord: 1 Row @ 12" o.c.
Bot Chord: 1 Row @ 12" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Calculated horizontal deflection is 0.31" due to live load and 0.26" due to dead load.

Deflection meets L/360 live and L/280 total load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

PERMIT NUMBER SEP 14 2006
CITY OF ROCKWALL



PLT TYP. WAVE

Design Crit: TPI-2002(STD)/IBC 7.12.0218.02 QTY:1 OR/-/1/-/-/R/- Scale =.1875"/Ft.

ALPINE
Tyrell Engineering

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI-1. ALPINE CONNECTOR PLATES ARE MADE OF 20/18GA (M.N./M.S) ASTM A653 GRADE 40/50 (F. K/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING TSDA-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SPACE &C PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE BUILDABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER 75036 Oct 24 '05 GREGORY DANIEL TYRRELL
DANIEL J. TYRRELL
EXP. 6-30-06

TC LL	25.0 PSF	REF	R7175- 14739
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294203
BC LL	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

(1005200-Job:"005200 /BASKIN - BEARSTEIN RES - SD2)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 DF-L 2400f-2.0E :T2 2x4 HF SS;
Bot chord 2x4 DF-L 2400f-2.0E :B2 2x4 DF-L #1&Bet.(g);
Webs 2x4 HF Std/Stud

Connectors in green lumber (g) designed using NDS/TPI reduction factors.

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, Wind TC DL=5.0 psf, wind BC DL=5.0 psf.

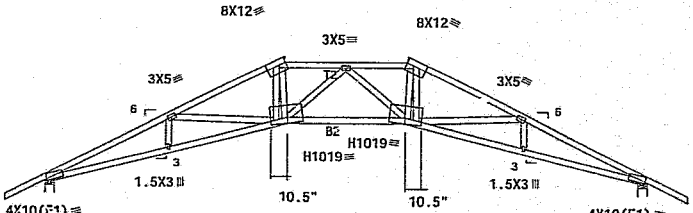
Calculated horizontal deflection is 0.36" due to live load and 0.29" due to dead load.

Deflection meets L/360 live and L/280 total load.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.15 / PLATE DUR.FAC.=1.15)
TC - From 72 PLF at -2.00 to 72 PLF at 11.91
TC - From 72 PLF at 11.91 to 72 PLF at 18.35
TC - From 72 PLF at 18.35 to 72 PLF at 32.00
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 21 PLF at 0.00 to 21 PLF at 12.06
BC - From 20 PLF at 12.06 to 20 PLF at 17.94
BC - From 21 PLF at 17.94 to 21 PLF at 30.00
BC - From 4 PLF at 30.00 to 4 PLF at 32.00
TC - 219 LB Conc. Load at 13.94, 18.06
TC - 227 LB Conc. Load at 14.00, 16.00

Truss design per IBC sect. 2306.1, 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1 Sec. 2.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



REV PLTS

PLT TYP. 20 Gauge HS,WAVE Design Crit: TPI-2002(STD)/IBC 7.12.0218.02 QTY:1 OR/-/1/-/-/R/~ Scale =.1875"/Ft.

ALPINE
Tynell Engineering

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES; DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (0.M/S/G) ASTM A653 GRADE 40/60 (W, A/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1004-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER 15038 DEC. 24 '01 DANIEL J. TYRRELL
EXP. 6-30-06

TC LL	25.0 PSF	REF	R7175- 14740
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294212
BC LL	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		REV
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

RECEIVED
JUL 14 2006
City of Portland
Permit Number

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - SD3)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 DF-L #1&Bet.(g) :T2 2x4 HF #2:
Bot chord 2x4 DF-L #1&Bet.(g) :B2 2x4 HF #2:
Webs 2x4 HF Std/Stud

Connectors in green lumber (g) designed using NDS/TPI reduction factors.

Calculated horizontal deflection is 0.30" due to live load and 0.25" due to dead load.

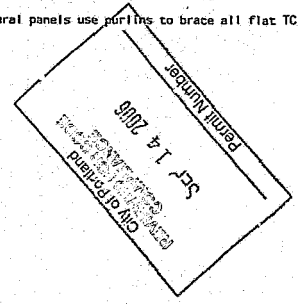
Truss design per IBC sect. 2306.1, 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

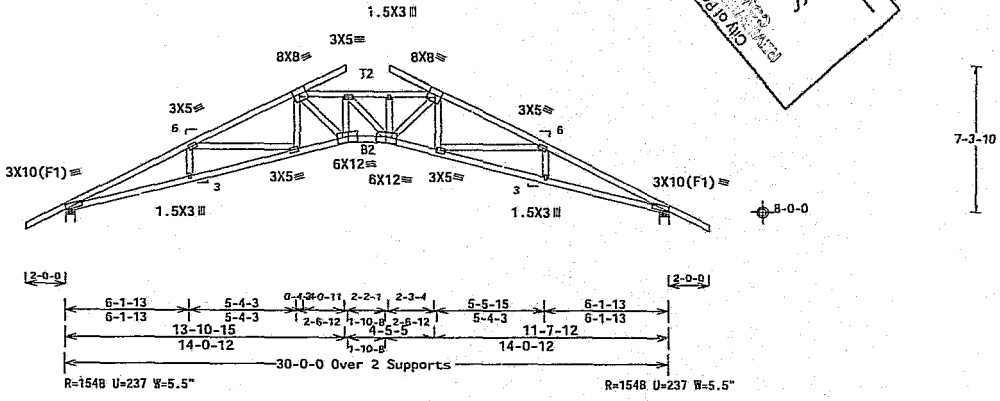
EXTEND SLOPING TC OF TRUSS AND JACKS TO HIP RAFTER. SUPPORT EXTENSIONS EVERY 48" FT TO FLAT TC. ATTACH 2x4 LATERAL BRACING TO FLAT TC @ 24" OC WITH 2-16d NAILS AND DIAGONALLY BRACE PER DWG. BRCALHIPR1103. SUPPORT HIP RAFTER WITH CRIPPLES AT 67.8" OC..

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf.

Deflection meets L/360 live and L/280 total load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.





PLT TYP. WAVE | Design Crit: TPI-2002(STD)/IBC | 7.12.0218.02 | QTY:7 | OR/-/1/-/-/R/- | Scale =.1875"/Ft.

ALPINE
Tyrrell Engineering

**"WARNING" TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI 1 OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI 1. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (0.036/0.048/0.059 IN. G=0.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-Z. ANY INSPECTION OF PLATES FOLLOWED BY FIX SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.6. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER
15038
Oct 24 '04
OREGON
DANIEL J. TYRRELL
EXP. 6-30-06

TC LL	25.0 PSF	REF	R7175- 14741
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294202
BC LL	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - B)

THIS DRG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 DF-L #1&Bet.(g)
Bot chord 2x4 DF-L #1&Bet.(g)
Webs 2x4 HF Std/Stud :W4 2x4 HF #2:

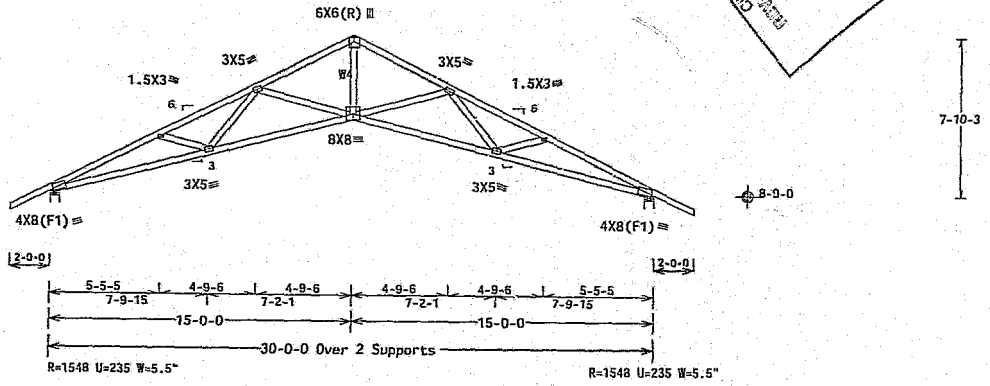
Connectors in green lumber (g) designed using NDS/TPI reduction factors.

Truss design per IBC sect. 2306.1. 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.21" due to live load and 0.22" due to dead load.

Deflection meets L/360 live and L/280 total load.



PLT TYP. WAVE | Design Crit: TPI-2002(STD)/IBC | 7.12.0218.02 | QTY:1 | OR/-/1/-/-/R/- | Scale =.1875"/Ft.

ALPINE
Tyrrell Engineering

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO WCSI 1-92 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR.; SUITE 200; MADISON, WI 53719) AND HIB-91 (HOUSE BUILDING WITH METAL PLATE CONNECTED WOOD TRUSSES) PUBLISHED BY TPI AND SBCA (STRUCTURAL BUILDING COMPONENTS ASSOCIATION, 6300 ENTERPRISE LN. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (0.036/0.048/0.059) ASTM A653 GRADE 40/80 (F$_y$=33/50 KSI) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING NO=1-T. ANY INSPECTION OF PLATES FOLLOWING BY (1) SHALL BE PER ANSI/TPI 1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER
15038
DEC. 24 '05
OREGON
DANIEL J. TYRRELL
EXP. 6-30-06

TC LL	25.0 PSF	REF	R7175- 14742
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	R7175 05234203
BC LL	0.0 PSF	WA-ENG	CT/DT *
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

(1005200-Job:100520C /BASKIN - BEARSTEIN RES - A)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

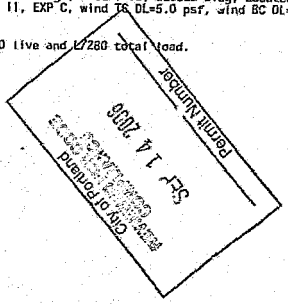
Top chord 2x4 HF #2
Bot chord 2x4 HF #2

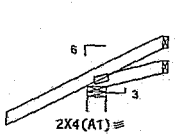
Truss design per IBC sect. 2306.1, 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

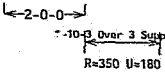
Shim all supports to solid bearing.

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/280 total load.







PLT TYP. WAVE | Design Crit: TPI-2002(STD)/IBC | 7.12.0218.02 | QTY:1 | OR/-/1/-/-/R/~ | Scale =.375"/Ft.

ALPINE
Tyrrell Engineering

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR.; SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR #44 ARE MADE OF 20/16/16GA (H,K/S/K) ASTM A653 GRADE 40/60 (H, K/M.S) GALV. STEEL. APPLY PLATES TO ICE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1003-17. ANY INSPECT. PLATES FOLLOWED BY (!) SHALL BE PER ANSI/TPI 1 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER
15038
OREGON
JULY 25, 1995
DANIEL J. TYRRELL
EXP. 6-30-08

TC LL	25.0 PSF	REF	R7175- 14743
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294204
BC LL	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - A1)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

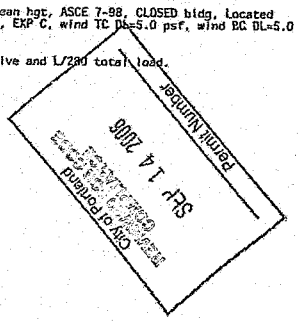
Top chord 2x4 HF #2
Bot chord 2x4 HF #2
Webs 2x4 HF Std/Stud
:Rt Bearing Leg 2x4 HF Std/Stud:

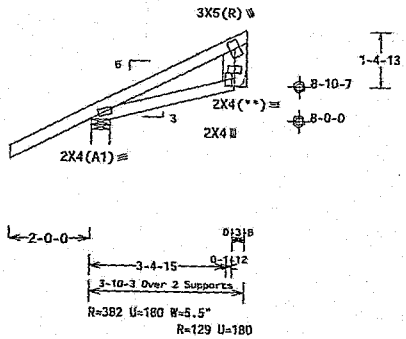
Truss design per IBC sect. 2306.1, 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.





PLT TYP. WAVE

Design Crit: TPI-2002(STD)/IBC 7.12.0218.02

QTY:1 OR/-/1/-/-/R/-

Scale =.375"/Ft.

TC LL	25.0 PSF	REF	R7175- 14744
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294205
BC LL	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

ALPINE
Tyrrell Engineering

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR.; SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF WCS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20GA/18GA (N,W3/W) ASTM A653 GRADE 40/60 (W, W/N,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1004-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANSI/TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER
150AS 24
OREGON
DANIEL J. TYRRELL
EXP. 6-30-06

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - A2)

THIS DRG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 HF #2
Bot chord 2x4 HF #2
Webs 2x4 HF Std/Stud
:Rt Bearing Leg 2x4 HF Std/Stud:

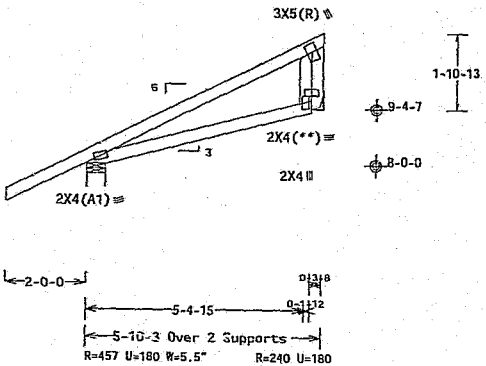
Truss design per IBC sect. 2306.1, 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/280 total load.

City of Portland
Permit Number
SEP 14 2005



PLT TYP. WAVE

Design Crit: TPI-2002(STD)/IBC

7.12.0218.02

QTY:1

OR/-/1/-/-/R/-

Scale =.375"/Ft.

ALPINE
Tyrrell Engineering

BRACING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO WTCI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 4 PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATE(S) ARE MADE OF 20/18/16GA (N,M/S/R) A653 A653 GRADE 40/40 (D, S/R,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANSI/TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER
15039
Oct. 24, '08
OREGON
DANIEL J. TYRRELL

EXP: 6-30-06

TC LL	25.0 PSF	REF	R7175- 14745
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294206
BC LL	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

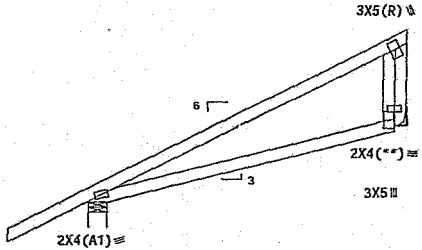
Top chord 2x4 HF #2
Bot chord 2x4 HF #2
Webs 2x4 HF Std/Stud
:Rt Bearing Leg 2x4 HF Std/Stud:

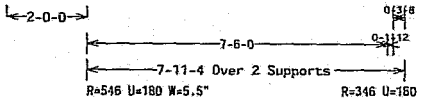
Truss design per IBC sect. 2306.1. 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

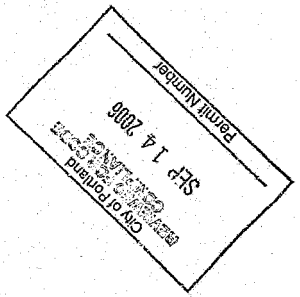
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/280 total load.







PLT TYP. WAVE | Design Crit: TPI-2002(STD)/IBC | 7.12.0218.02 | QTY:1 | DR/-/1/-/-/R/- | Scale =.375"/Ft.

ALPINE
Tyrrell Engineering

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. ALPINE CONNECTOR PL'ES ARE MADE OF 20/18/16GA (W/S/N) ASTM A653 GRADE 40/60 (F, G/M,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER 15038 DANIEL J. TYRRELL EXP. 6-30-06

TC LL.	25.0 PSF	REF	R7175- 14746
TC DL.	10.0 PSF	DATE	10/21/05
BC DL.	10.0 PSF	DRW	WAUSR7175 05294207
BC LL.	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - AG)

THIS DRG PREPARED FROM COMPUTER INPUT (LOADS & DIMEASIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 HF #2
Bot chord 2x6 HF #2
Webs 2x4 HF Std/Stud
:Rt Bearing Leg 2x4 HF Std/Stud:

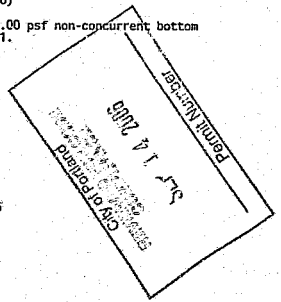
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf.

Deflection meets L/360 live and L/280 total load.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.15 / PLATE DUR.FAC.=1.15)
TC - From 71 PLF at -2.83 to 71 PLF at 11.16
BC - From 4 PLF at -2.83 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 11.18
PLB- -39 LB Conc. Load at (2.65,8.40)
PLB- -11 LB Conc. Load at (2.65,9.22)
PLB- 259 LB Conc. Load at (5.48,8.90)
PLB- 480 LB Conc. Load at (8.31,9.40)

Truss design per IBC sect. 2306.1, 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.



PLT TYP. WAVE | Design Crit: TPI-2002(STD)/IBC | 7.12.0218.02 | QTY:1 | OR/-/1/-/-/R/- | Scale =.375"/Ft.

ALPINE
Tyrrell Engineering

BASKING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR.; SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 33/16/16GA (W,H/S/E) ASTM A653 GRADE 40/80 (W, H/M,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER CAMBERED VIEW. ANY INSPECTION OF PLATES REQUIRED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER
15039
DANIEL J. TYRRELL
DATE 10/24/05
25.0 PSF
EXP. 6-30-06

TC LL	25.0 PSF	REF	R7175- 14747
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294208
BC LL	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - EJ1)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 HF #2
Bot chord 2x4 HF #2
Webs 2x4 HF Std/Stud
:Rt Bearing Leg 2x4 HF Std/Stud:

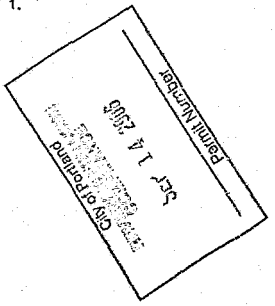
100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

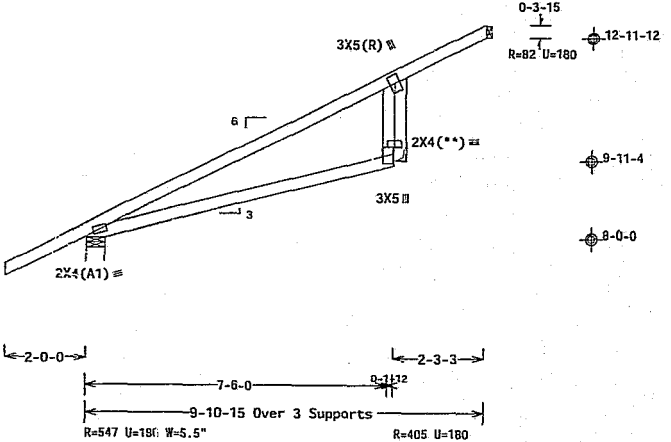
Deflection meets L/360 live and L/280 total load.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Truss design per IBC sect. 2306.1, 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

Shim all supports to solid bearing.





PLT TYP. WAVE | Design Crit: TPI-2002(STD)/IBC | 7.12.0218.02 | QTY:1 | QR/-/1/-/-/R/- | Scale =.375"/Ft.

ALPINE
Tyrrell Engineering

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M,H/S/R) ASTM A653 GRADE 40/60 (M, A/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER 15038 Dec 24 DANIEL J. TYRRELL
EXP. 6-30-06

TC LL	25.0 PSF	REF	R7175- 14748
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294211
BC LL	0.0 PSF	WA-ENG	CT/DT
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - EJ2)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 HF #2
Bot chord 2x4 HF #2
Webs 2x4 HF Std/Stud
:Rt Bearing Lcg 2x4 HF Std/Stud:

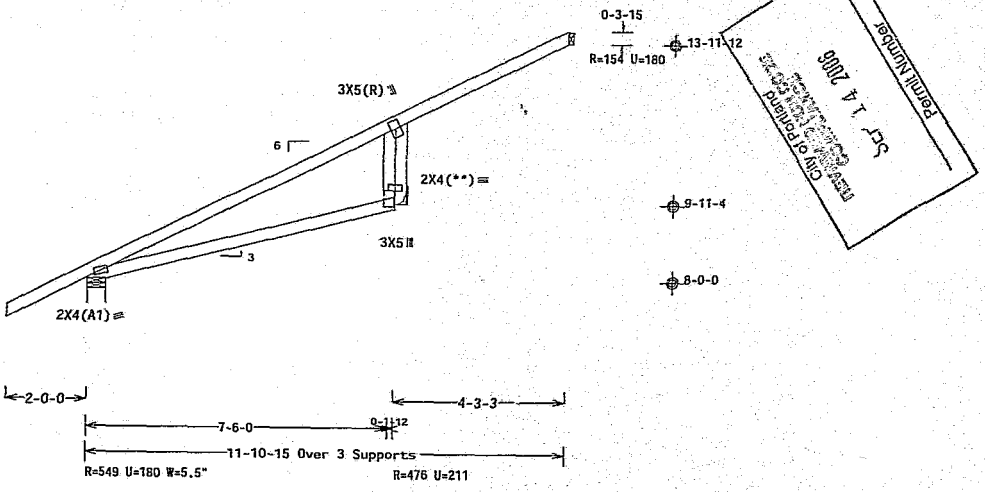
100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/280 total load.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Truss design per IBC sect. 2306.1, 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

Shim all supports to solid bearing.



PLT TYP. WAVE | Design Crit: TPI-2002(STD)/IBC | 7.12.0218.02 | QTY:1 | OR/-/1/-/-/R/- | Scale =.375"/Ft.

ALPINE
Tyrrell Engineering

REGISTERED PROFESSIONAL ENGINEER 15038 OREGON DANIEL J. TYRRELL
EXP. 6-30-06

TC LL	25.0 PSF	REF R7175- 14749
TC DL	10.0 PSF	DATE 10/21/05
BC DL	10.0 PSF	DRW WAUSR7175 05294209
BC LL	0.0 PSF	WA-ENG CT/DT
TOT.LD.	45.0 PSF	
DUR.FAC.	1.15	FROM BB
SPACING	24.0"	

(1005200-Job:1005200 /BASKIN - BEARSTEIN RES - EJ3)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 DF-L #1&Bet.(g)
Bot chord 2x4 HF #2
Webs 2x4 HF Std/Stud
:Rt Bearing Leg 2x4 HF Std/Stud:

Connectors in green lumber (g) designed using NDS/TPI reduction factors.

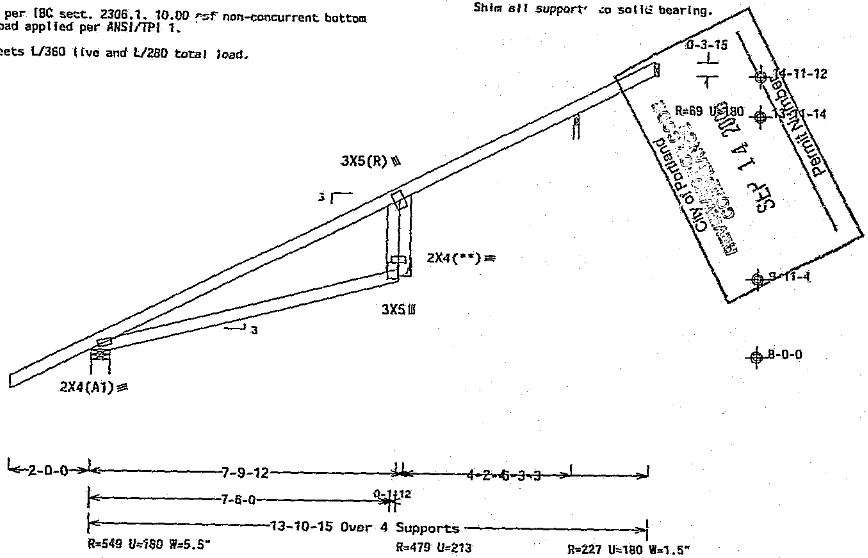
Truss design per IBC sect. 2306.1. 10.00 psf non-concurrent bottom chord live load applied per ANSI/TPI 1.

Deflection meets L/360 live and L/280 total load.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

100 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Shim all supports to solid bearing.



PLT TYP. WAVE

Design Crit: TPI-2002(STD)/IBC 7.12.0218.02 QTY:1 OR/-/1/-/-/R/- Scale =.375"/Ft.

ALPINE
Tyrell Engineering

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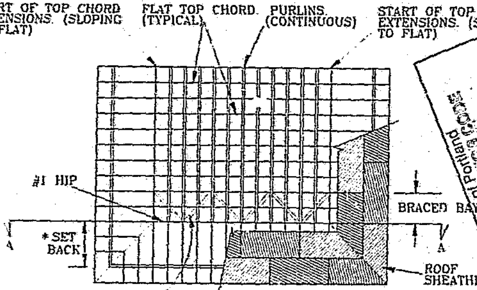
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/S/K) ASTM A653 GRADE 40/60 (W, K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

REGISTERED PROFESSIONAL ENGINEER 15038 Oct 24 '0 OREGON JULY 2 DANIEL J. TYRRELL
EXP. 6-30-06

TC LL	25.0 PSF	REF	R7175- 14750
TC DL	10.0 PSF	DATE	10/21/05
BC DL	10.0 PSF	DRW	WAUSR7175 05294210
BC LL	0.0 PSF	WA-ENG CT/DT	
TOT.LD.	45.0 PSF		
DUR.FAC.	1.15	FROM	BB
SPACING	24.0"		

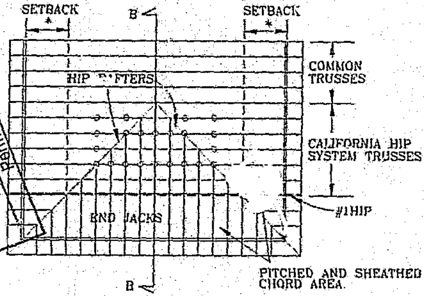
CALIFORNIA HIP PERMANENT BRACING DETAIL

PERMANENT BRACING



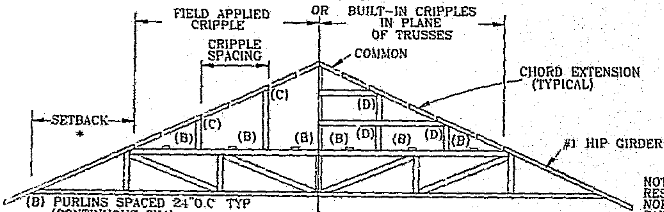
PERMANENT DIAGONALS FORM BRACED BAY. REPEAT AT ALL HIP ENDS. MAXIMUM INTERVAL EQUALS 20'. (NOTE: THE 1ST BAY OF PERMANENT DIAGONALS FORMING BRACED BAY AT THE #1 HIP CAN BE EXCLUDED WHEN ALL OF THE FOLLOWING CONDITIONS ARE MET: 1) THE CONTINUOUS TOP CHORD PURLINS ARE ATTACHED TO THE FLAT TOP CHORD OF THE #1 HIP. 2) THE END JACKS ARE SHEATHED WITH PROPERLY ATTACHED STRUCTURAL PANELS.)

CRIPPLE SUPPORT LAYOUT



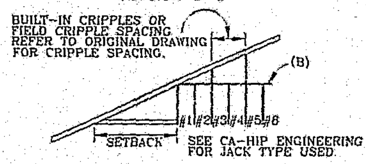
o–CRIPPLE (C), SUPPORT LOCATIONS. SUPPORTS EXTENDED MEMBERS TO FLAT TOP CHORD (4' O.C. CRIPPLE SPACING SHOWN.) CONNECT CRIPPLE TO FLAT TOP CHORD AND EXTENDED TOP CHORD, USING 3 – 8d COMMON TOE NAILS OR 2 – 10d COMMON NAILS THROUGH FACE.

SECTION A–A



(B) PURLINS SPACED 24" O.C. TYP (CONTINUOUS 2X4)
(C) CRIPPLES SPACED 48" O.C. TYP.
(D) BUILT-IN FILL CRIPPLES (HORIZONTAL MEMBER OPTIONAL)

SECTION B–B



NOTE: CONVENTIONAL FRAMING AND/OR CRIPPLES ARE NOT THE RESPONSIBILITY OF THE TRUSS DESIGNER, PLATE MANUFACTURER, NOR TRUSS FABRICATOR. PERSONS ERECTING THE TRUSSES ARE CAUTIONED TO SEEK ADVICE OF A LOCAL PROFESSIONAL ENGINEER REGARDING CONVENTIONAL FRAMING.

* NOTE: SEE ORIGINAL DESIGN FOR SETBACK, LUMBER, PLATING, LOADING AND DURATION FACTOR REQUIRED.

THIS DRAWING REPLACES DRAWING CD170

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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REGISTERED PROFESSIONAL ENGINEER
15038
DANIEL J. TYRRELL
10/24/05
EXP. 6-30-06

TC LL		PSF	REF	CALIF. BRACE
TC DL		PSF	DATE	11/26/03
BC DL		PSF	DRWG	BRCALHIP1103
BC LL		PSF	-ENG	
TOT. LD.	*	PSF		
DUR. FAC.	*			
SPACING	*			