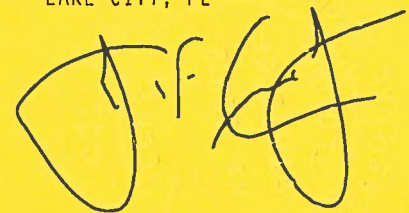


Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SX1215-Z1009091936

Truss Fabricator: W.B. Howland
Job Identification: 3499-/Kimberly Oaks Subdivision /Stanley Crawford Const. -- LAKE CITY, FL
Truss Count: 59
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
the seal date per section 61G15-31.003(5a) of the FAC
Address: Roof - 32.0 PSF @ 1.25 Duration
Minimum Design Loads: Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Notes:

Seal Date: 05/09/2006

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
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

Details: A11015EE-GBLLETIN-BRCLBSUB-A11015EN-CNBRGBLK-

#	Ref	Description	Drawing#	Date
1	17636--	A1GE	06128063	05/08/06
2	17637--	A2GE	06128075	05/08/06
3	17638--	A3	06128077	05/08/06
4	17639--	A4	06128082	05/08/06
5	17640--	B1GE	06128088	05/08/06
6	17641--	B2GE	06128089	05/08/06
7	17642--	B3	06128064	05/08/06
8	17643--	B4G (2-PLY)	06129021	05/09/06
9	17644--	C1HG	06128065	05/08/06
10	17645--	C2	06128066	05/08/06
11	17646--	C3	06128067	05/08/06
12	17647--	C4	06128068	05/08/06
13	17648--	C5	06128069	05/08/06
14	17649--	C6	06128117	05/08/06
15	17650--	C7	06128118	05/08/06
16	17651--	C8	06128119	05/08/06
17	17652--	D1HG (2-PLY)	06128070	05/08/06
18	17653--	D2	06128120	05/08/06
19	17654--	D3	06128121	05/08/06
20	17655--	D4	06128122	05/08/06
21	17656--	D5	06128123	05/08/06
22	17657--	D6	06128124	05/08/06
23	17658--	D7	06128125	05/08/06
24	17659--	D8	06128126	05/08/06
25	17660--	D9	06128127	05/08/06
26	17661--	D10	06128128	05/08/06
27	17662--	D11	06128129	05/08/06
28	17663--	D12	06128130	05/08/06
29	17664--	D13	06128131	05/08/06
30	17665--	D14	06128132	05/08/06
31	17666--	D15G	06128133	05/08/06
32	17667--	D16	06128134	05/08/06
33	17668--	D17	06129022	05/09/06
34	17669--	D18	06129011	05/09/06
35	17670--	D19	06129012	05/09/06
36	17671--	D20G (2-PLY)	06129023	05/09/06

#	Ref	Description	Drawing#	Date
37	17672--	JC1	06128080	05/08/06
38	17673--	JC1A	06128086	05/08/06
39	17674--	JC2	06128072	05/08/06
40	17675--	JC3	06128079	05/08/06
41	17676--	JC3A	06128085	05/08/06
42	17677--	JC5	06128073	05/08/06
43	17678--	JC5A	06128084	05/08/06
44	17679--	JE6	06128087	05/08/06
45	17680--	JE6A	06128076	05/08/06
46	17681--	JE6G (2-PLY)	06129013	05/09/06
47	17682--	JE7	06128074	05/08/06
48	17683--	JE7A	06129014	05/09/06
49	17684--	JE7B	06128081	05/08/06
50	17685--	JE7C	06128116	05/08/06
51	17686--	JH5	06128071	05/08/06
52	17687--	JH9	06128083	05/08/06
53	17688--	JH10	06128078	05/08/06
54	17689--	PB-D1	06129015	05/09/06
55	17690--	PB-D2	06129016	05/09/06
56	17691--	PB-D3	06129017	05/09/06
57	17692--	PB-D4	06129018	05/09/06
58	17693--	PB-D5	06129019	05/09/06
59	17694--	PB-D6	06129020	05/09/06



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: ISX1215-Z1009091936

Truss Fabricator: W.B. Howland
Job Identification: 3499-/Kimberly Oaks Subdivision /Stanley Crawford Const. -- LAKE CITY, FL (Providence, FL)
Truss Count: 8
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.24.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Seal Date: 05/09/2006

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	17666--	D15G	06128133	05/08/06
2	17667--	D16	06128134	05/08/06
3	17668--	D17	06129022	05/09/06
4	17669--	D18	06129011	05/09/06
5	17670--	D19	06129012	05/09/06
6	17671--	D20G (2-PLY)	06129023	05/09/06
7	17683--	JE7A	06129014	05/09/06
8	17693--	PB-D5	06129019	05/09/06



Top	chord	2x4	SP #2	N
Bot	chord	2x4	SP #2	N
	Webs	2x4	SP #2	N

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

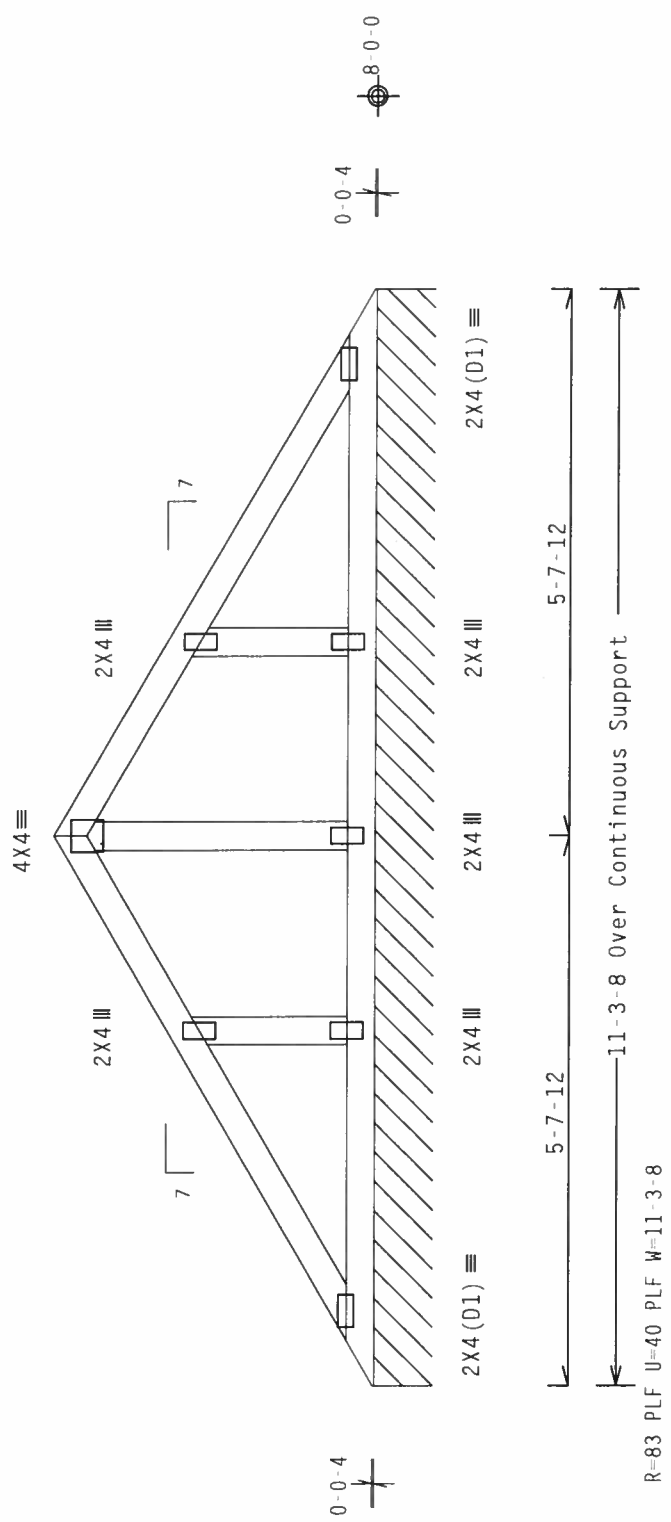
Plates sized for a minimum of 3.00 sq.in./piece.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.

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

The overall height of this truss excluding overhang is 3-3-12.



R=83 PLF U=40 PLF W=11-3-8

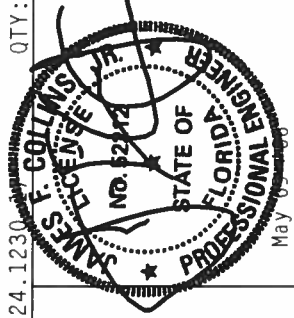
PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-/-

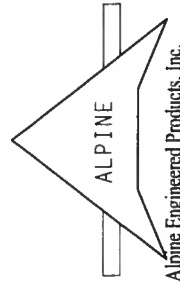
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TC LL	20.0	PSF	REF	R215--	17636
TC DL	10.0	PSF	DATE	05/08/06	
BC DL	10.0	PSF	DRW	HCUSR215	06128063
BC LL	0.0	PSF	HC-ENG	RK/WHK	
TOT.LD.	40.0	PSF	SEQN-	117233	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1SX1215_Z10	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPTI (TRUSS PACE ENTERPRISE, 583 D'ORFIO DR., SUITE 200, MADISON, WI 53719) AND NFCA (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 RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE TRUSSES, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSSES, INC. OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES, INC. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND ALPINE CONNECTOR PLATES ARE MADE OF 2010/116GA. ASTM A563 GRADE 40/60 (W, K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP11-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE APPLICABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS1/TAP1 3 SEC. 2.



Alpine Engineered Products, Inc.
1950 Manley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

	Top chord	2x4	SP	#2	N
Bot chord	2x6	SP	#2	N	:B3 2x4 SP #2 N:
webs	2x4	SP	#2	N	

Top chord 2x4 SP #2 N :B3 2x4 SP #2 N :
Bot chord 2x6 SP #2 N :
Webs 2x4 SP #2 N :

Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

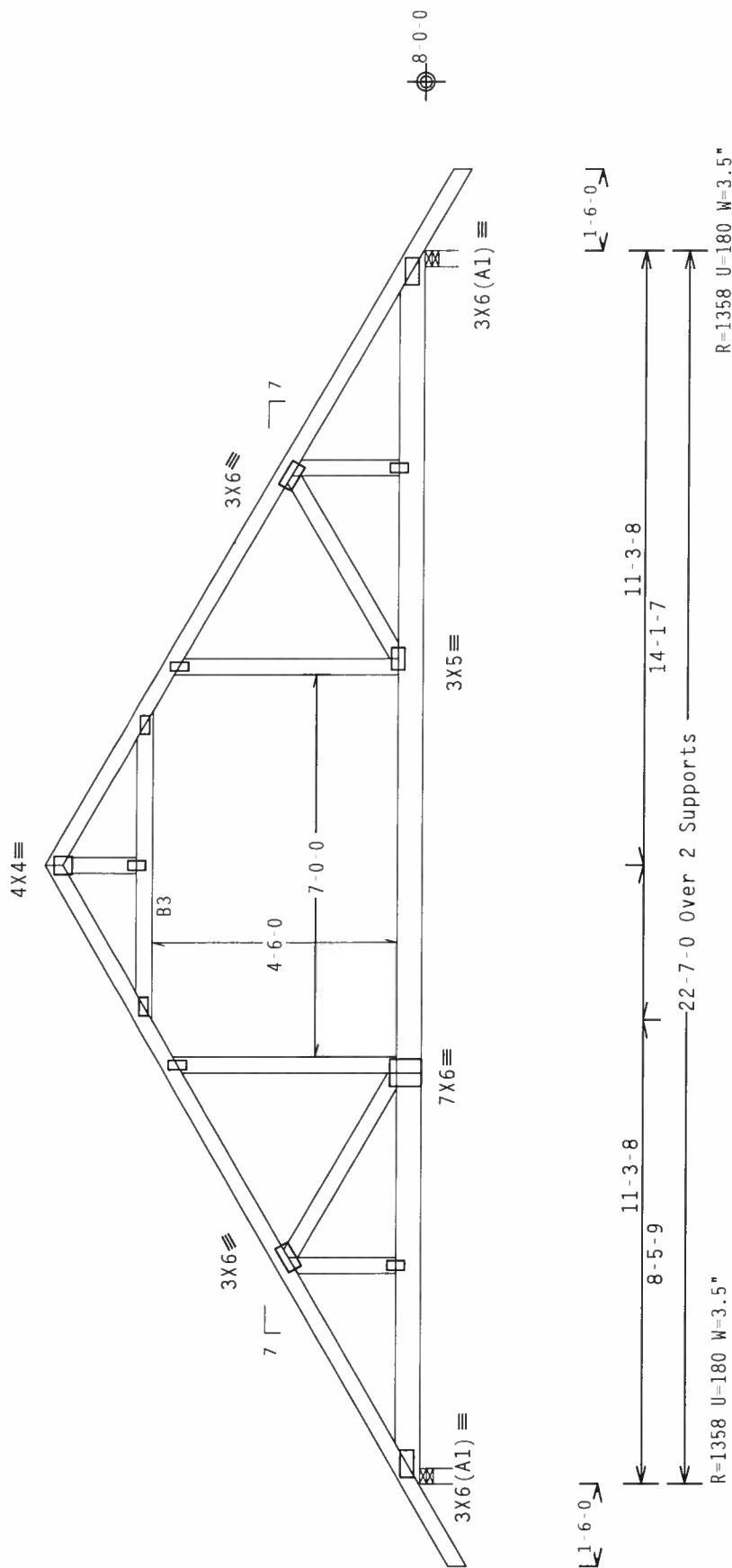
The overall height of this truss excluding overhang is 6-11-6.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

BC attic room floor loading: LL = 30.00 psf; DL = 5.00 psf; from 7-9-8 to 14-9-8.

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

Plates sized for a minimum of 3.00 sq. in./piece.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

 $Cd/RT=1.00(1.25)/10(0)$ 7 24 1230

0TY.1 FI / - / 5 / - / - / P / -

Scale = .3125"/Ft.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN 103 (BUILDING COMPONENT SAFETY INFORMATION) AND TRUSS COUNCIL OF AMERICA (TRUSSCOUNCIL.ORG) FOR MORE INFORMATION. MADISON, WI 53719 AND WEA (WWW.WEAMADISON.COM) FOR MORE INFORMATION. TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719. TRUSSES ARE DESIGNED FOR PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO OBTAIN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE ALPINE ENGINEERED PRODUCTS, LLC, 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 IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI: ALPINE TRUSS CONSTRUCTION MANUAL SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER. THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI: 2012 SPEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE BUILDING AND THE RESPONSIBILITY OF THE BUILDING DESIGNER PER TPI: 2012 SPEC.3.



May 09 00

TC LL	20.0 PSF	REF	R215--	17638
TC DL	10.0 PSF	DATE	05/08/06	
BC DL	10.0 PSF	DRW	HCUSR215	06128077
BC LL	0.0 PSF	HC-ENG	RK/WHK	
TOT.LD.	40.0 PSF	SEQN-	117256	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	15X1215	710

Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N :B3 2x4 SP #2 N
Webs 2x4 SP #2 N

Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

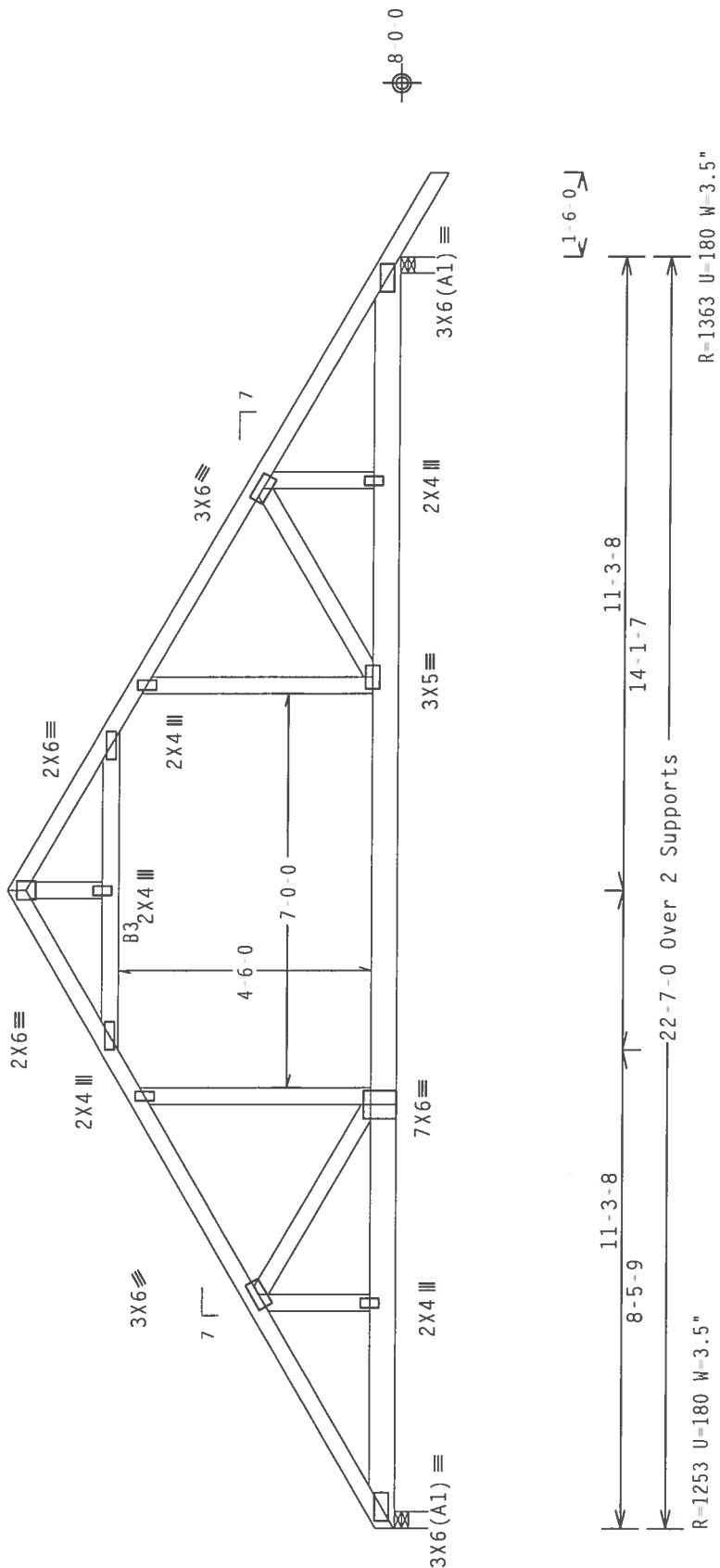
The overall height of this truss excluding overhang is 6 11-6.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

BC attic room floor loading: LL = 30.00 psf; DL = 5.00 psf; from 7-9 8 to 14-9-8.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .3125"/Ft.

REF	R215--	17639
DATE	05/08/06	
DRW	HCUSR215	06128082
HC-ENG	RK/WHK	
SEQN	117261	
FROM	CDM	
JREF	1SX1215	Z10

ALPINE

Alpine Engineered Products, Inc.
1950 Mayday Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 62212
May 09 '06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI, 1993, D'ORFORD DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., 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 RIGID CEILING.

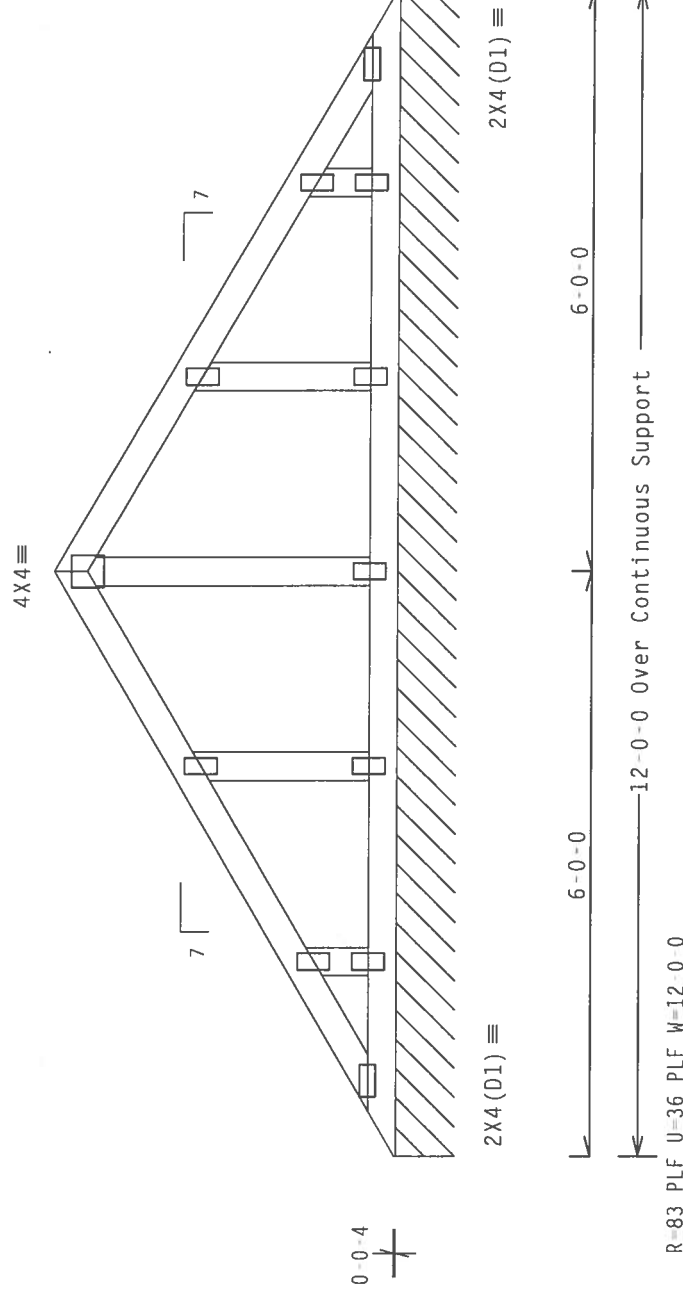
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&P) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/16GA (N.17/5/1) ASTM A653 GRADE 40/60 (N. K/H-S) GALV. STEEL. APPLY A MINIMUM OF 2" OF COVER TO ALL TRUSS MEMBERS. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2" MIN. INSULATION SHALL BE USED. THE TRUSS SHALL BE PROTECTED BY A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THIS 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.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 3 6 4.



Design Crit: TPI-2002 (STD) / ERC

QTY: 1 FI: 15 / 1 - 18 / -
Scale 5" / Ft

[illegible]

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 6-2-15.

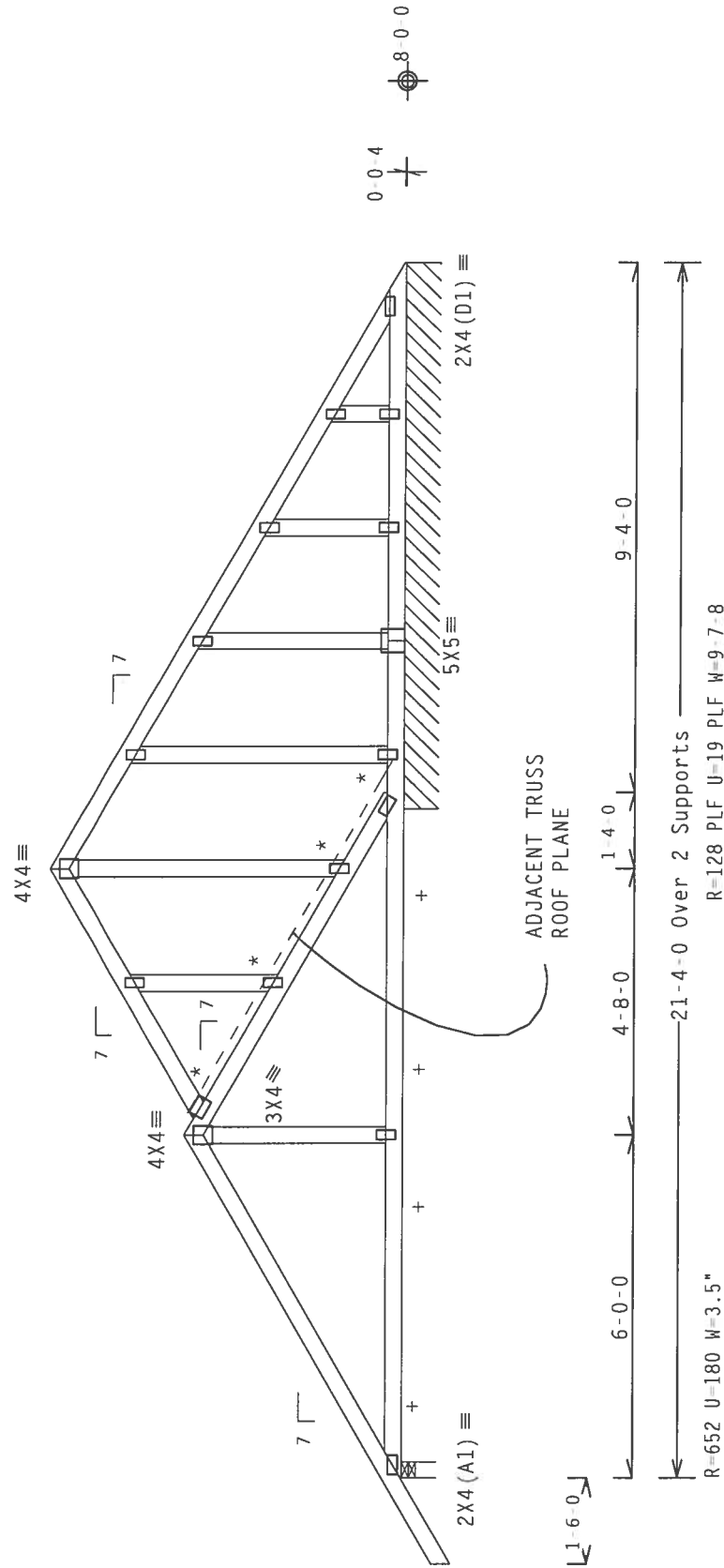
+ Member to be laterally braced for horizontal wind loads. Bracing system to be designed and furnished by others.

The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.

Plates sized for a minimum of 3.00 sq.in./piece.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

* MEMBER TO BE BRACED BY PROPERLY ATTACHED PLYWOOD SHEATHING.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

QTY:1 FL/-/5/-/-/R/-
Scale =.3125"/Ft.

TC 11	20.0 PSE
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REF R215- 17641

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100	100	100

DATE 05/08/06

BC 01 10 0 PSE

DRW HCUSR215 06128089

~~SECRET~~

ATM/AD GNE - JH
HC03K2CH MYO

77 08

HC-ENG RK/WHK

TOT.LD. 40.0 PSF

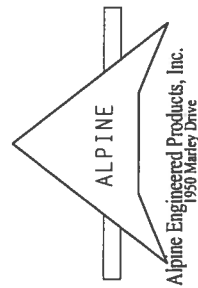
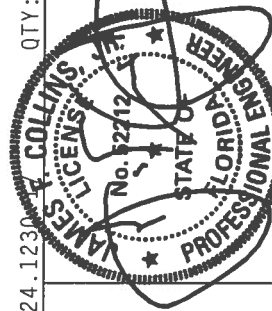
SEQN -	117277
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DUR. FAC. 1.25

FROM CDM

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETURN TO BEST 1-800 BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PACE INSTITUTE, 583 MADISON, ST 53719) FOR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC, 1801 M. ST., PITTSBURGH, PA 15222). THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID GULLING.

* IMPORTANT * TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING SHALL NOT BE RESPONSIBLE FOR ANY REQUESTS FOR CHANGES OR ADDITIONS TO THE BUILDING TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. ALL CONNECTOR PLATES ARE MADE OF 20/18/10GSA ASTM A653 GRADE 40/60 (W/J-5) GALV STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY PROFESSIONAL ENGINEERING RESPONSIBILITY. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

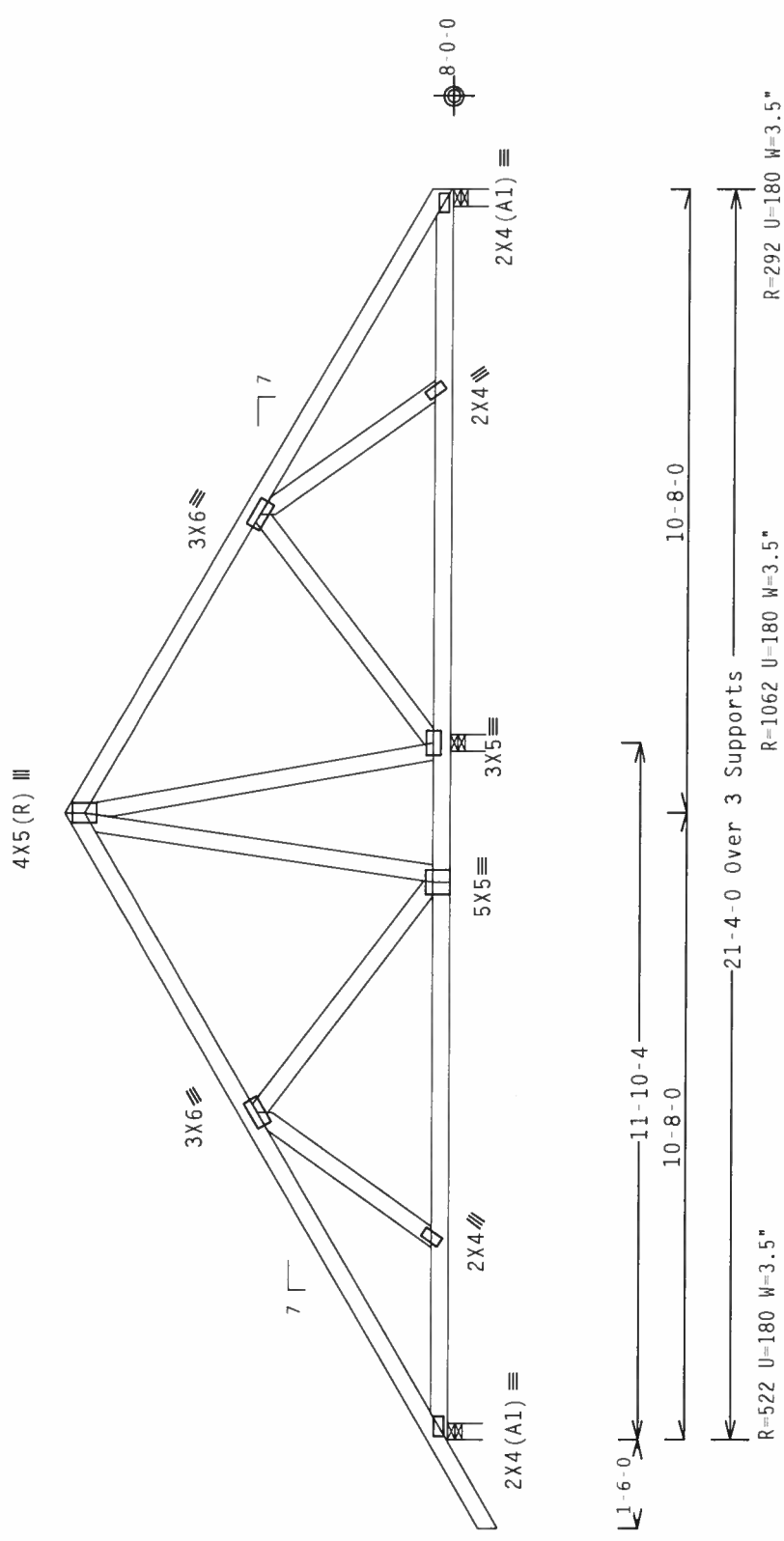
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 6'-7"-0".

THIS TRUSS MUST BE INSTALLED AS SHOWN AND NOT END FOR END.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .3125"/Ft.

QTY:1	FL/-/5/-/-/R/-	TC LL	20.0 PSF	REF	R215-- 17642
		TC DL	10.0 PSF	DATE	05/08/06
		BC DL	10.0 PSF	DRW	HCUSR215 06128064
		BC LL	0.0 PSF	HC-ENG	RK/WHK
		TOT.LD.	40.0 PSF	SEQN-	117281
		DUR.FAC.	1.25	FROM	CDM

ALPINE

Alpine Engineered Products, Inc.
1950 Nancy Drive

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WTA (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 RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS CONFORMS WITH APPLICABLE PROVISIONS OF INTERNATIONAL DESIGN SPEC. (TYP. 10-10-10) ONLY. APPLY CONNECTOR PLATES ARE MADE OF 20/18/16GA (H-H/5/8) ASH A663 GRADE 40/60 (H, K/H/5) ONLY. STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE CREATIVITY AND USE OF THIS COMPONENT FOR THE APPLICATION OF THE TRUSS COMPONENT DESIGN SHOWN.

ALPINE F. COLLINS, JR.
No. B2212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Top chord 2x4 SP #2 N
Bot chord 2x6 SP SS : B2 2x6 SP #2 N:

Webs 2x4 SP #2 N

SPECIAL LOADS			
----- (LUMBER		DUR.FAC.=1.25 / PLATE	DUR.FAC.=1.25)
TC	- From	63 PLF at 0.00 to	63 PLF at 21.33
BC	- From	20 PLF at 0.00 to	20 PLF at 21.33
BC	-	1189 LB Conc.	Load at 1.90
BC	-	1230 LB Conc.	Load at 3.90
BC	-	1295 LB Conc.	Load at 5.90
BC	-	1299 LB Conc.	Load at 7.90
BC	-	1293 LB Conc.	Load at 9.90

	---(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)	
	63 PLF at 0.00 to	63 PLF at 21.33
	20 PLF at 0.00 to	20 PLF at 21.33
TC -	From	
BC -	From	
BC -	1189 LB Conc. Load at 1.90	
BC -	1230 LB Conc. Load at 3.90	
BC -	1295 LB Conc. Load at 5.90	
BC -	1299 LB Conc. Load at 7.90	
BC -	1293 LB Conc. Load at 9.90	

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

5X6 (R) III

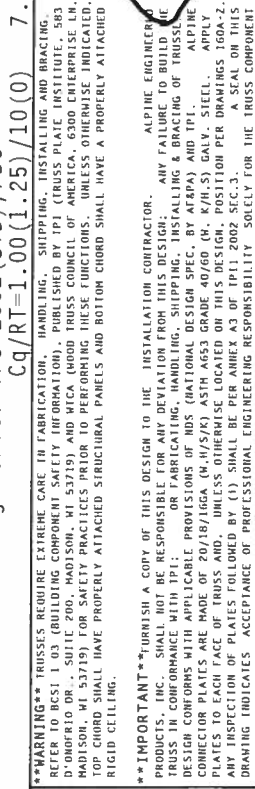


FPI-2002(STD)/FBC

Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING/INSTALLING AND BRACING. REFER TO BC3.1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'AMORIO DR., SUITE 200, MADISON, WI 53719) AND WCA (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 TOP GIRDING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE PROVISIONS OF THIS DESIGN SPEC. IS AT THE INSTALLER'S RISK. THE DESIGN CONFORMS WITH APPLICABLE PRESENTATIONS OF NDS (NATIONAL DESIGN SPEC. FOR WOOD CONSTRUCTION) AND CORRELATOR PLATES ARE MADE OF 2018/16GA. (W/1/5K) ASTM A653 GRADE 40/60 (W/1/5) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PERFORM DRAWINGS T60A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TPI 2002 SPEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING SOLELY FOR E TRUSS COMPONENT

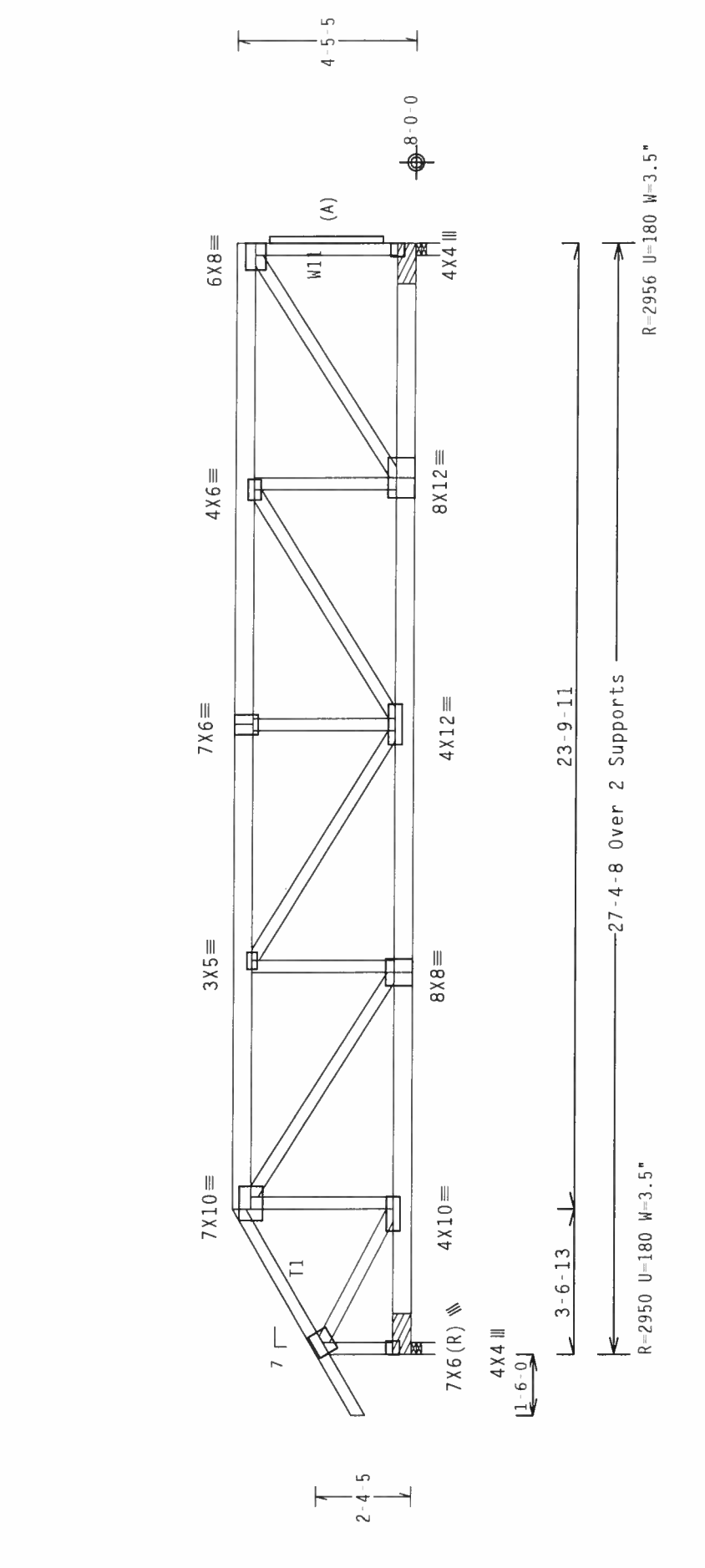


ALPINE

Alpine Engineered Products, Inc.
1050 Market Drive

Top chord 2x6 SP #2 N :11 2x4 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N :W11 2x4 SP #2 Dense:
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
#1 hip supports 3-6-13 jacks W/2 panel TC and no end vert.
Plates sized for a minimum of 3.00 sq.in./piece.

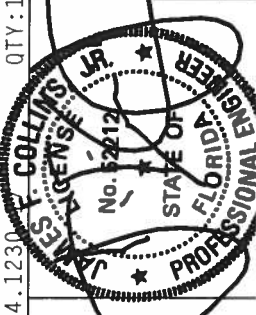
(A) 2x6 "I" brace. 80% length of web member. Same species & grade or better. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 4-5-5.
Bearing blocks: Nail type: 0.131"x3" Gun nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 1 12" 4 Match Truss
2 27.083' 1 12" 4 Match Truss
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGK1103 for additional information.
BEARING BLOCK MUST BE PLACED IN FACE OPPOSITE TO HANGER.



Design Crit: TPI-2002(STD)/FBC

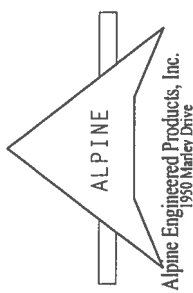
QTY:1 FL/-5/-/-/R/- Scale = .25"/Ft.

REF	R215--	17644
DATE	05/08/06	
DRW	HCUSR215	06128065
HC-ENG	RK/WHK	
SEQN	117325	
FROM	CDM	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND MICA (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 RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING DESIGN CONFORMS WITH THE FOLLOWING SPECIFICATIONS: DESIGN SPEC. BY ALPINE AND TPI (TPI) AND TPI (TPI) ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA 48 INCHES LONG. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1601 Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.



Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
webs	2x4	SP	#2	N

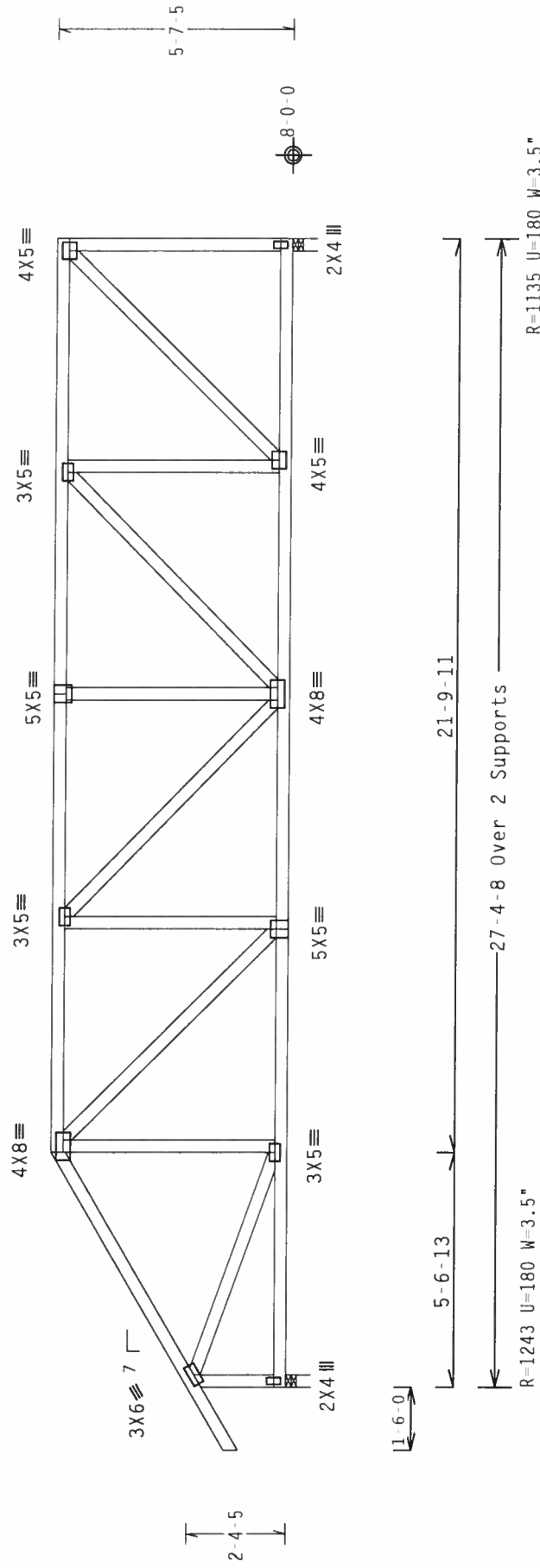
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

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

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 5'-7-5/8".



PLT TYP. Wave/R

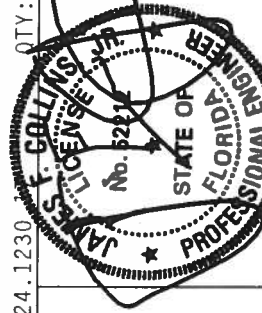
Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$

QTY:1 FL/-/5/-/-/R/-

Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R215--	17645
TC DL	10.0	PSF	DATE	05/08/06	
BC DL	10.0	PSF	DRW	HCUSR215	06128066
BC LL	0.0	PSF	HC-ENG	RK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	117329	
DUR.FAC.	1.25		FROM	CDM	



Alpine Engineered Products, Inc.
1950 Marley Drive

Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
webs	2x4	SP	#2	N

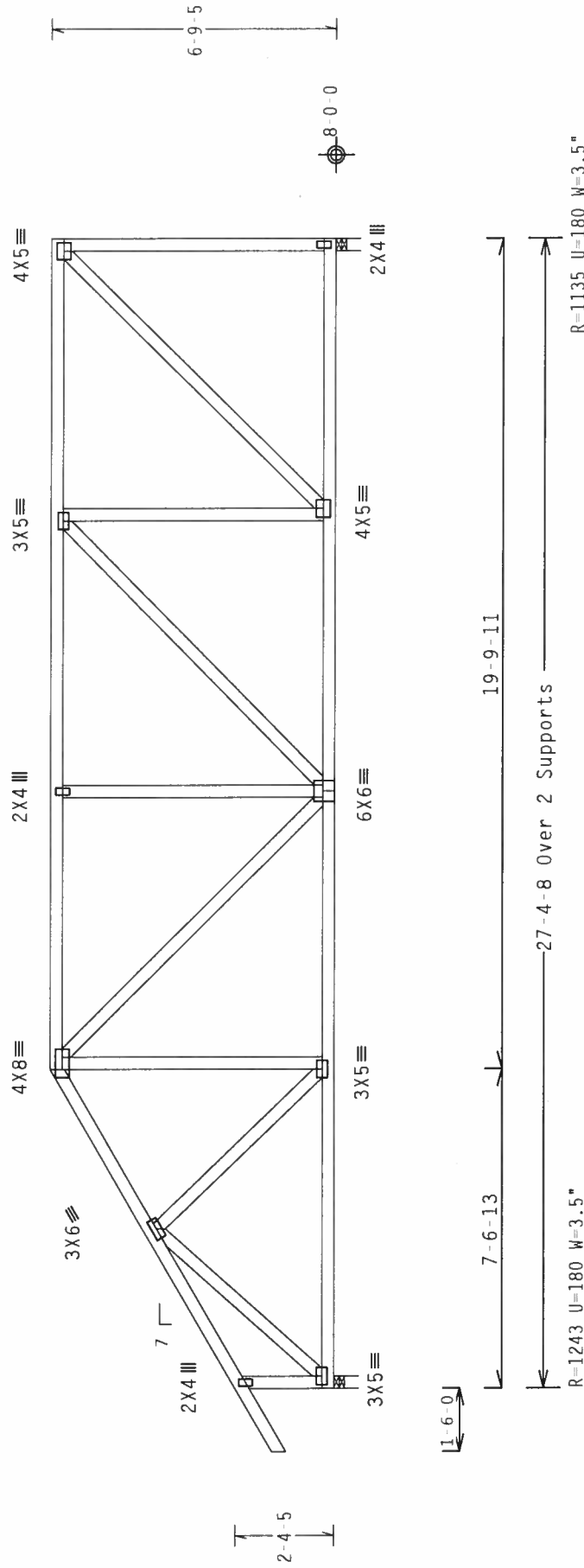
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 6-9-5.



Design Crit: TPI-2002(STD)/FBC

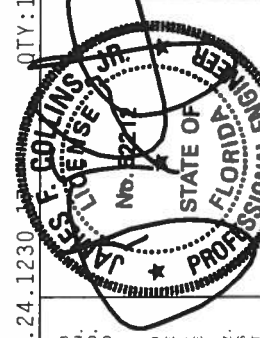
PLT TYP. Wave\R

 $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$

QTY:1 FL/-/5/-/1-1R/-

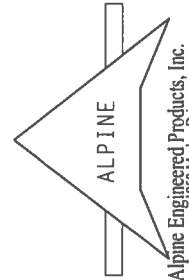
Scale = .25"/Ft.

TC LL	20.0	PSF	REF	R215--	17646
TC DL	10.0	PSF	DATE	05/08/06	
BC DL	10.0	PSF	DRW	HCUSR215	06128067
BC LL	0.0	PSF	HC-ENG	RK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	117333	
DUR.FAC.	1.25		FROM	CDM	



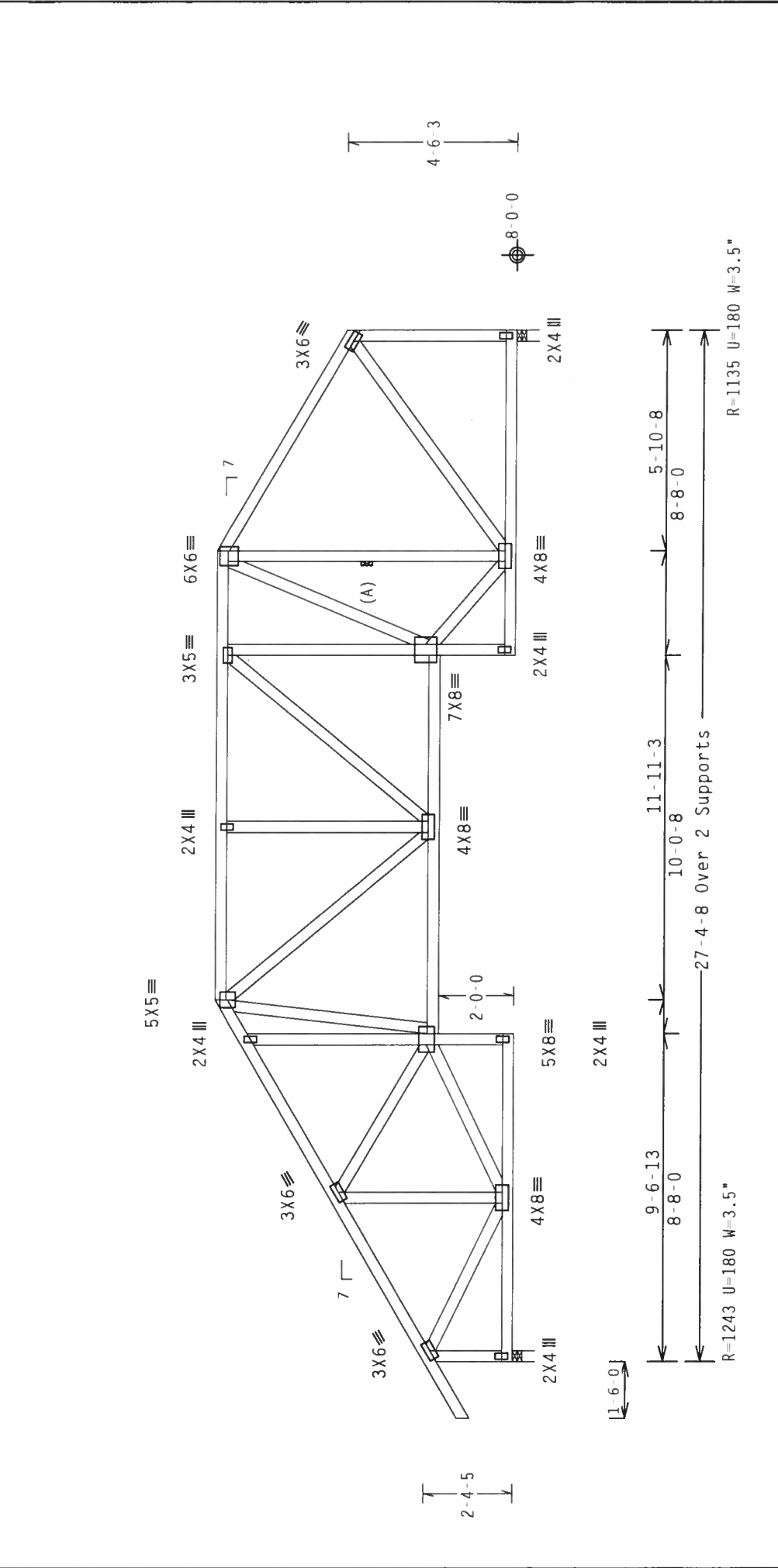
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-803 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (FEDERAL PROCESSING INSTITUTE, 503 MADISON, MI 48137), FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. TRUSSES COMPOSED OF TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHIE ENGINEERED PRODUCTS, SHALL NOT BE RESPONSIBLE FOR ANY INVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ANY NATIONAL DESIGN CODE. INSTALLING A BRACING OF TRUSSES, CONNECTOR PLATES ARE MADE OF 20/18/16GA. (U.S/E/C) ASTM A653 GRADE 40/60 (U. S/E/C) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN. POSITION PER BRANCHES 16GA. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF 17/11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 7-11-5.



PLT TYP. Wave\ R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230 12

QTY: 1 FL/- /5/- /- /R/-

Scale = .25"/Ft.

REF	R215--	17647
DATE	05/08/06	
DRW	HCUSR215	06128068
HC-ENG	RK/WHK	
SEQN-	118748	
FROM	CDM	

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive

ENGINEER

STATE OF FLORIDA

PROFESSIONAL

Notary Public

Notary Public

Notary Public

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (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 RIGID CEILING.

****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 THIS NATIONAL DESIGN SPEC. BY AF&PA AND TPI. APPLY PLATES TO EACH FACE OF TRUSS MEMBERS. TOP CHORD DESIGN POSITION PER DRAWINGS FROM 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY ALPINE ENGINEERED PRODUCTS, INC. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

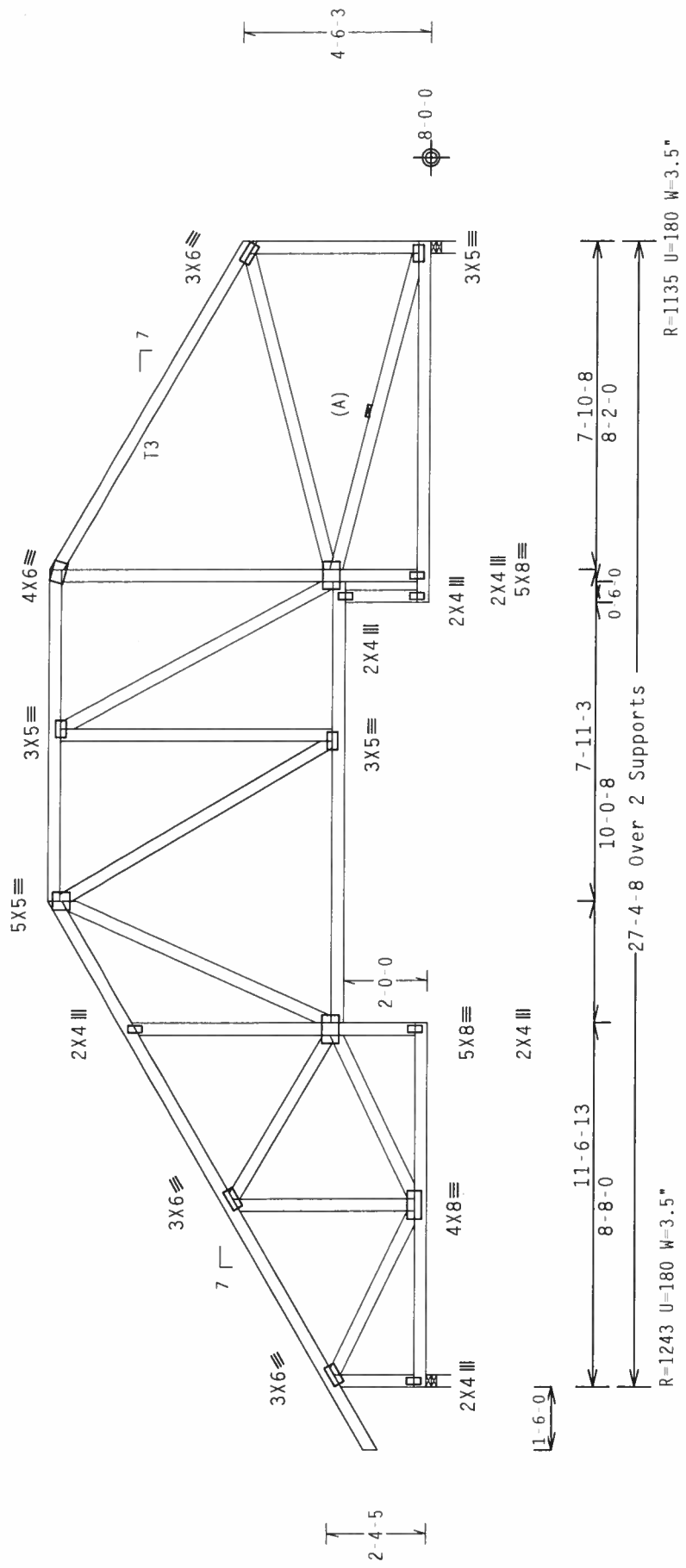
Top chord 2x4 SP #2 N :T3 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 9-1-5.
See DWG5 TCFILLER1103 and BCFILLER1103 for filler details.

Laterally brace BC at 24" oc in lieu of rigid ceiling.
Laterally brace BC above filler at 24" oc.
Chord ends to be laterally braced.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

Scale = .25"/Ft.

REF	R215--	17648
DATE	05/08/06	
DRW	HCUSR215	06128069
HC-ENG	RK/WHK	
SEQN-	118752	
FROM	CDM	

QTY:1 FL/-/5/-/R/-

TC LL 20.0 PSF
TC DL 10.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 40.0 PSF
DUR.FAC. 1.25

ALPINE
Engineered Products, Inc.
1950 Marley Drive

ALPINE
ENGINEER
No. 52812
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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 WHICH CONFORMS WITH APPLICABLE PROVISIONS OF AISC (STANDARD DESIGN SPEC., BY AISC) AND TPI: APPLICABLE TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, ALL STEEL SHALL BE A36 STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.

ALPINE ENGINEERED PRODUCTS, INC. FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 WHICH CONFORMS WITH APPLICABLE PROVISIONS OF AISC (STANDARD DESIGN SPEC., BY AISC) AND TPI: APPLICABLE TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, ALL STEEL SHALL BE A36 STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.

ALPINE ENGINEERED PRODUCTS, INC. FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 WHICH CONFORMS WITH APPLICABLE PROVISIONS OF AISC (STANDARD DESIGN SPEC., BY AISC) AND TPI: APPLICABLE TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, ALL STEEL SHALL BE A36 STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.39 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

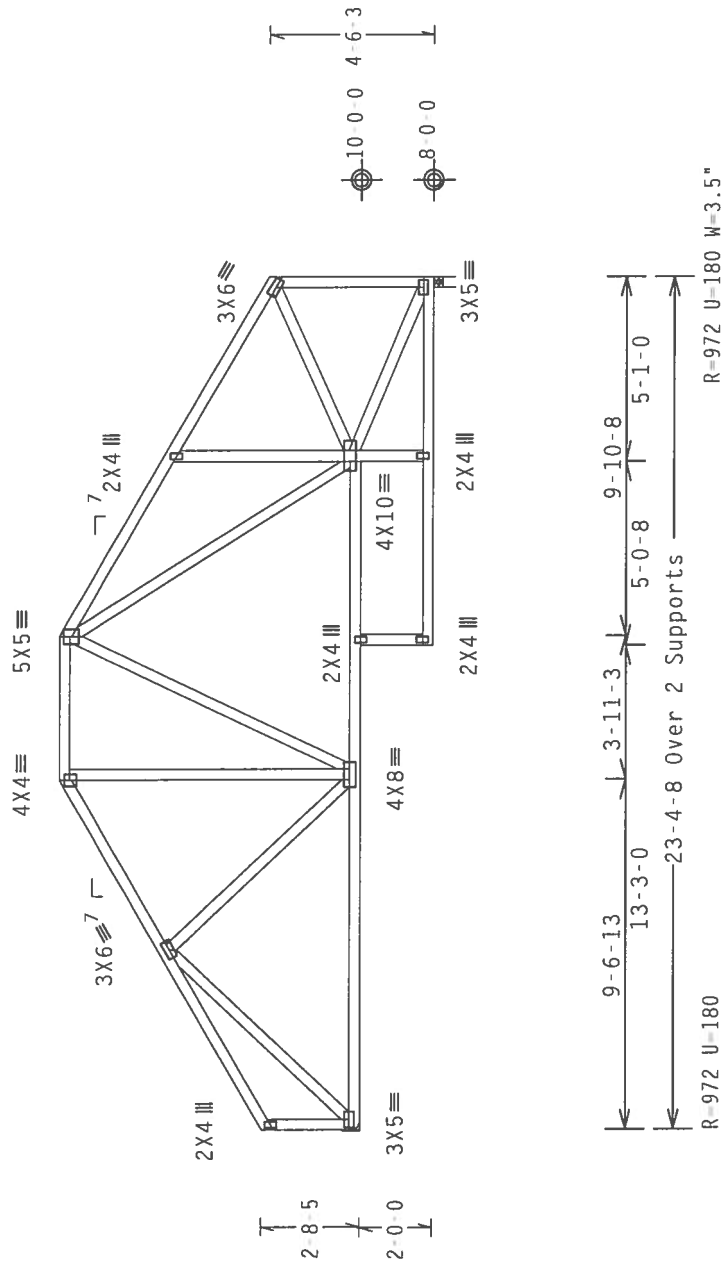
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 8-3-5.

SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERAL BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.



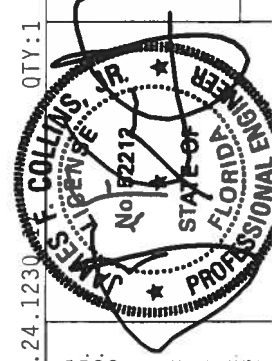
PLT TYP. Wave\

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

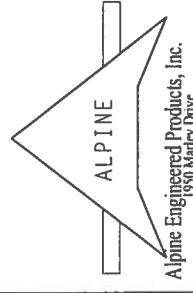
QTY:1 FL/-5/-/-/R/- Scale =.1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., 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 RIGID CEILING.

****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 A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A2 OF TPI 2002 SEC 3.1. ANY INSPECTION OF PLATES FOLLOWED BY (2) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3.1. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ANNEX A4 OF TPI 2002 SEC 3.1. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT



REF	R215--	17649
DATE	05/08/06	
DRW	HCUSR215	06128117
HC-ENG	EC/WHK	
SEQN-	120884	
FROM	CDM	



Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

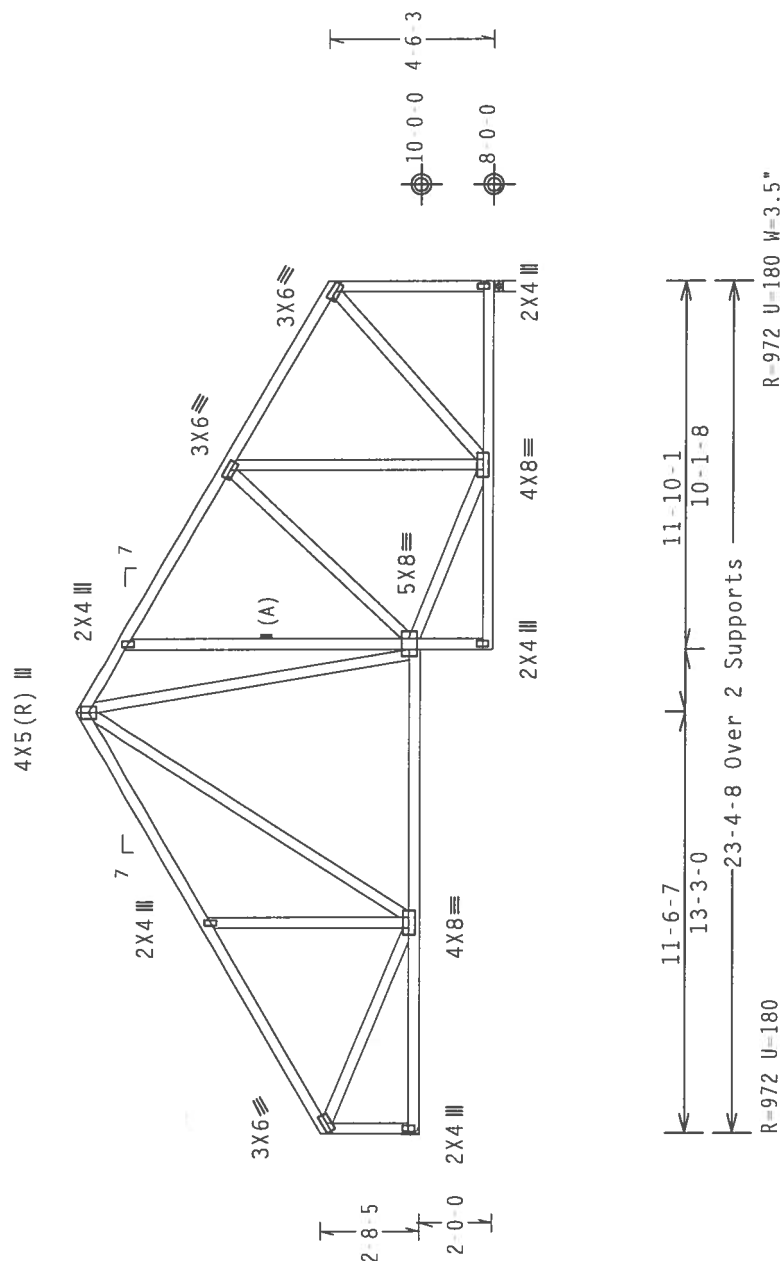
1110 mph wind, 15.97 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

Plates sized for a minimum of 3.00 sq. in./piece.

The overall height of this truss excluding overhang is 9-5-1.

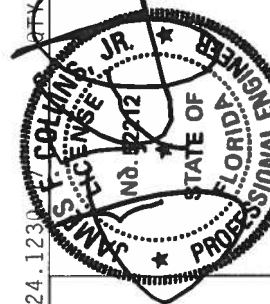


PLT TYP. Wave\R

Design Crit: $TPI - 2002(STD)/FBC$
$$Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$$

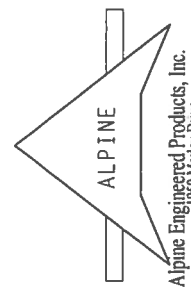
Scale = .1875"/Ft.

TC LL	20.0 PSF	REF R215-- 17650
TC DL	10.0 PSF	DATE 05/08/06
BC DL	10.0 PSF	DRW HCUR215 06128118
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 120888
DUR.EAC.	1.25	FROM CDM

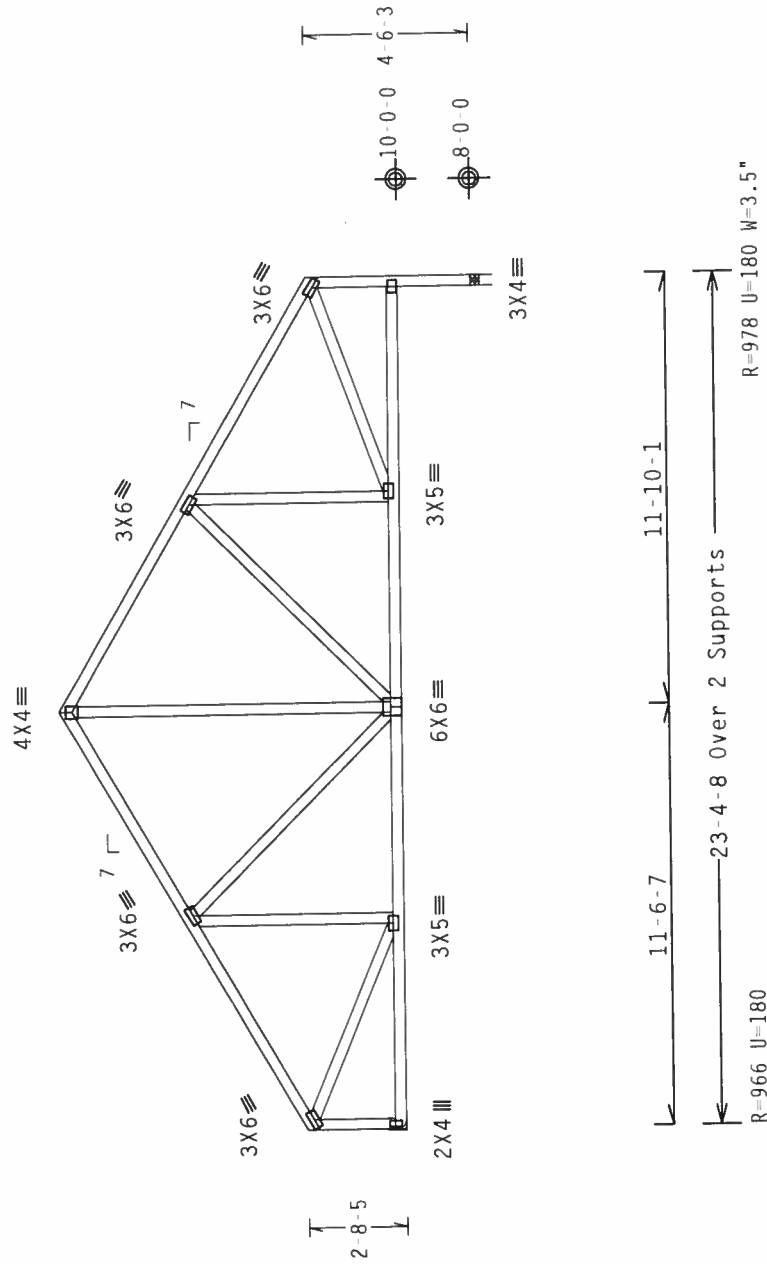


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RECESS BRACING MUST BE INSTALLED TO PREVENT BUCKLING OF TRUSS PLATE. INSTITUTE 363 NORTH WILSON AVE., SUITE 200, MADISON, MI 48105, TEL. (313) 527-1751, AND VISA/MASTERCARD. MADISON, MI 53719, FOR SIZES AND PRICES. TRUSSES MUST BE PROPERLY BRACED PRIOR TO ERECTING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

**** IMPORTANT ****—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. AIRLINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AISC STEEL CONSTRUCTION MANUAL, 13TH EDITION, SHALL BE THE USER'S RESPONSIBILITY. THE DESIGN OF THE TRUSS AND CONNECTOR PLATES ARE MADE OF 20X18X1/8GA (4.5X5/8") ASTM A583 GRADE 40/50 (4.5 X 5/8") STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A-3 OF IPTI 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



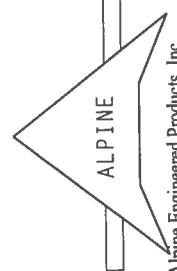
The overall height of this truss excluding overhang is 9-5-1.



WARNING TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 583
DO NOT TO BEST 1 (PROVIDE) COMPONENT SAFETY INFORMATION. PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 583
1000 NORTH 10TH AVE, SUITE 100, MADISON, WI 53719), AND NCA (NORTH TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN.,
SUITE 100, 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
RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALDINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSSES IN CONFORMANCE WITH IPE OR FABRICATING, HANDLING, STAGING, KILLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE NATIONAL DESIGN SPEC. BY AISC AND ALDINE
CONNECTOR PLATES ARE MADE OF 2018/16GA (.075)ASTH APPROVED DESIGN PER 486/60 (I, J, H, S). GALV STEEL
PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE NOTED, POSITION PER DRAWINGS 160A Z,
ANY INSPECTION OF PLATES FOLLOWED BY (1) SEAL UNDER A3 OF APRIL 2002 SEC.3. A SEAL ON THIS
ENGINEERING SPECIFICATION SOLELY FOR THE TRUSS COMPONENT.

TC LL	20.0	PSF	REF	R215--	17651
TC DL	10.0	PSF	DATE	05/08/06	
BC DL	10.0	PSF	DRW	HCUSR215	06128119
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	120893	
DUR.FAC.	1.25		FROM	CDM	



Top chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

The overall height of this truss excluding overhang is 4-5-5.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

Top Chord: 1 Row @12.00" O.C.

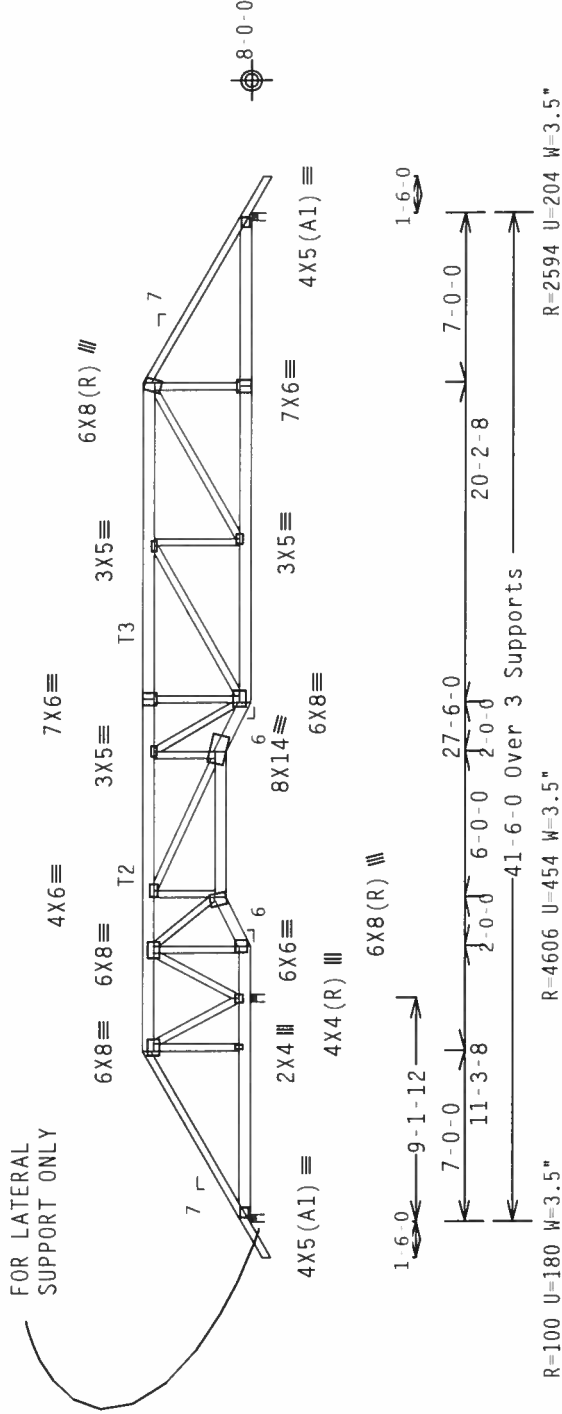
Bot Chord: 1 Row @12.00" O.C.

Webs : 1 Row @ 4" O.C.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave\R

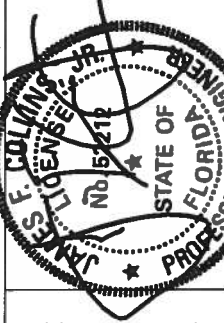
Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.24.1230.17

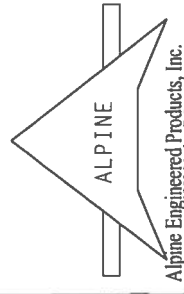
QTY:1 FL/-/5/-/R/- Scale =.125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DR., 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 RIGID CEILING.

****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 APA) AND TPI. APPLY CONNECTOR PLATES ARE MADE OF 2018/16GA (4-10/5/7X) ASTM A653 GRADE 40/60 (4-4/10-5) GALV. STEEL. APPLY PLATES TO EACH FACE OF ALL TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUELLY FOR THE TRUSS CONTRACTOR.



TC LL	20.0 PSF	REF	R215--	17652
TC DL	10.0 PSF	DATE	05/08/06	
BC DL	10.0 PSF	DRW	HCUSR215	06128070
BC LL	0.0 PSF	HC-ENG	RK/WHK	
TOT.LD.	40.0 PSF	SEQN-	117389	
DUR.FAC.	1.25	FROM	CDM	



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

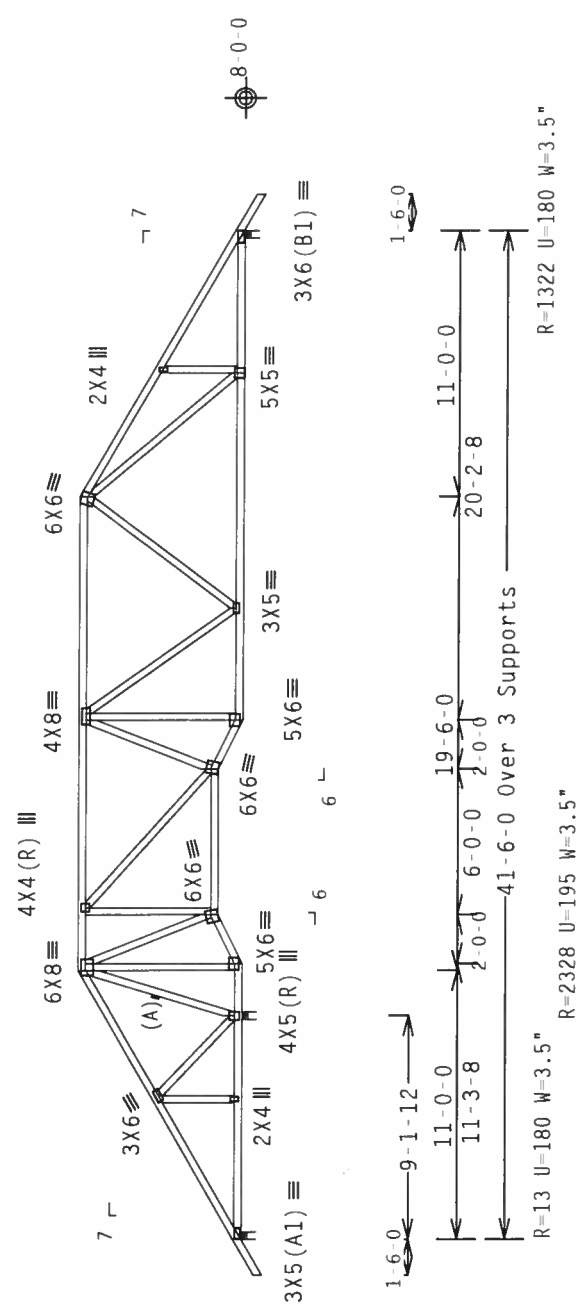
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Plates sized for a minimum of 3.00 sq.in./piece.

(A) Continuous lateral bracing equally spaced on member.

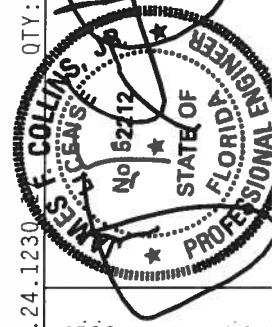
Deflection meets L/360 live and L/240 total load.

The overall height of this truss excluding overhang is 6-9-5.



Design Crit: TPI-2002(STD)/FBC

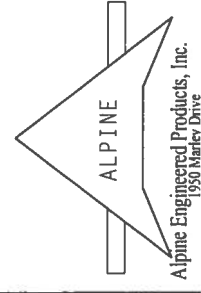
QTY: 1 FL/-/5/-/-/R/- Scale = .125"/Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WEA (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 RIGID CEILING.

****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 A BRACING OF TRUSSES. DESIGNER'S RESPONSIBILITY IS TO PROVIDE THE TRUSS DESIGN SPEC. BY AREA) AND TPI. ALL APPLICABLE CONNECTOR PLATES ARE MADE OF 20/18/16GSS (20/18/16GSS TRUSS DESIGN SPEC. BY AREA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER.

REF	R215--	17654
DATE	05/08/06	
DRW	HCUSR215	06128121
HC-ENG	EC/WHK	
SEQN-	120799	
FROM	CDM	



Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
Web	2x4	SP	#2	N

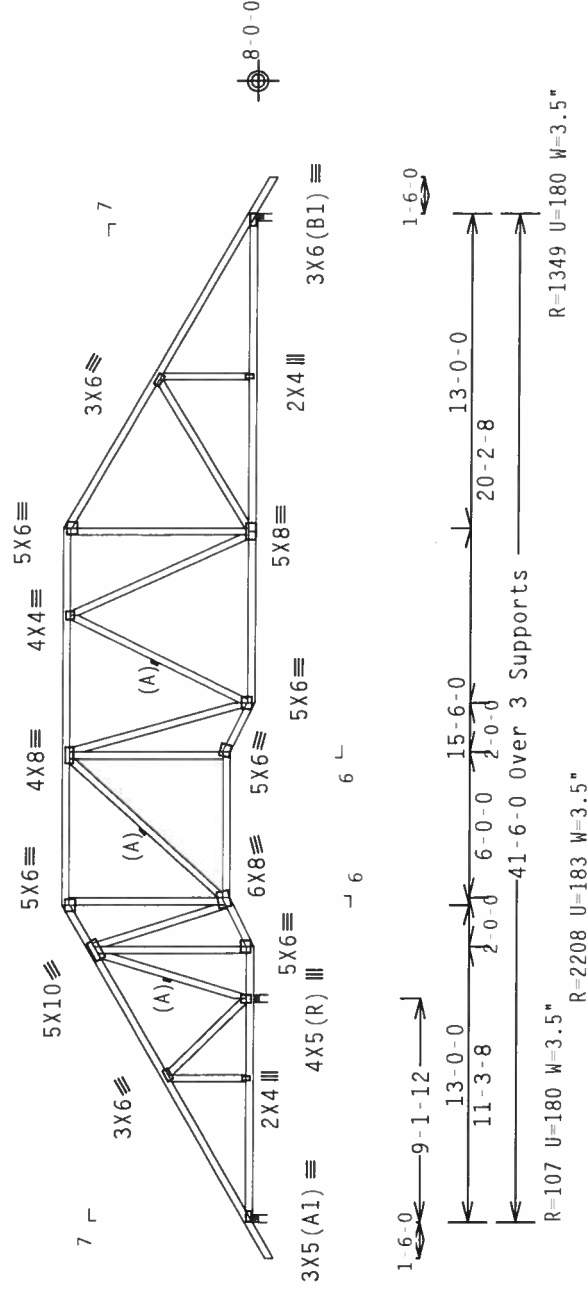
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

(A) Continuous lateral bracing equally spaced on member.

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

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

The overall height of this truss excluding overhang is 7-11-5.



PLT TYP. Wave/R

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$$

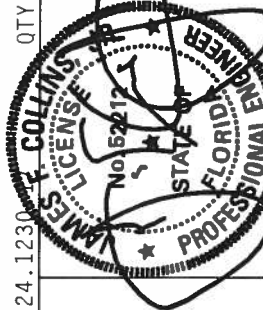
QTY:1 FL/-/5/-/-/R/-/

Scale = .125"/Ft.

WARNING—BUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT INFORMATION), PUBLISHED BY THE INSTITUTE OF BUILDING TECHNOLOGIES, 1000 N. MADISON, WI 53719, AND A/E/A HODD, BUSS COUNCIL OF AMERICA, 6200 ENTERPRISE DR., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE STATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

*** * I M P O R T A N T * *** TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS CONFORMS WITH APPLICABLE PROVISIONS OF MOD (NATIONAL DESIGN SPEC) OR ANY OTHER DESIGN CODES, INCLUDING BRACING OF TRUSSES, SHALL BE AT THE USER'S RISK.

CORRUGATED PLATES ARE MADE OF 2018/16GA H-48/H5/K5E ASTM A563 GRADE 40/60 @ .74/.51 GALV STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THE TOP CHORD, POSITION PER DRAWINGS 16GA. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE CROSS COMPONENT



ALPINE

Alpine Engineered Products, Inc.
1050 Menden Drive

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

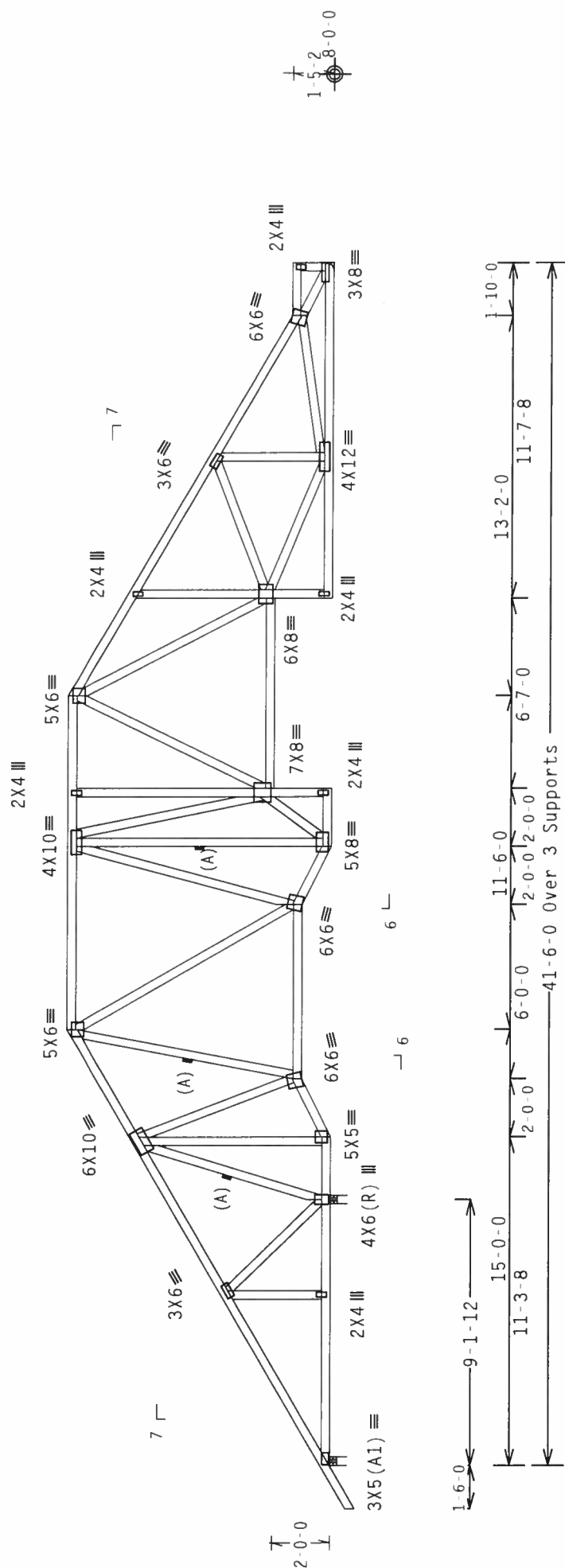
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

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

The overall height of this truss excluding overhang is 9-1-5.



$R = -70$ $U = 180$ $W = 3.5^{\circ}$

R=2442 U=208 W=3.5"

$$R=1189 \quad U=180$$

Design Crit: TPI-2002(STD)/FBC

Scale = .1875" / Ft.

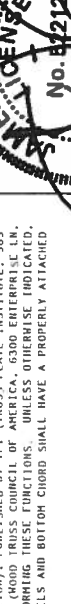
PLT TYP. Wave/R

ALPINE

Alpine Engineered Products, Inc.
1950 North Drive

WARNING** TRUSSES REQUIRE EXTERIOR GASKET IN FABRICATION, HARDENING, SHIPPING, INSTALLING AND BRACING REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IP1 (TRUSS PLATE INSTITUTE, 583 O'DONNELL DR., SUITE 200, MADISON, WI 53719), AND MICA (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 RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED TRUSSES SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE DESIGN, OR THE INSTALLATION CONTRACTOR'S NEGLIGENCE OR NEGLIGENCE OF THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ANY NATIONAL DESIGN SPEC. BY AEP/A AND IP1. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-H/S/K) ASTM A653 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



SUBJECT	DATE	REV	BY	CHKD	APP'D	DATE	REV
REF	R215	--				05/08/06	176556
DATE							
DRW	HCUSR215	06128123					
HC-ENG	EC/WHK						
SEQN-	120830						
FROM	CDM						
DUR.FAC.	1.25						
TOT.LD.	40.0	PSF					
BC LL	0.0	PSF					
BC DL	10.0	PSF					
TC DL	10.0	PSF					
TC LL	20.0	PSF					



Alpine Engineered Products, Inc.
1950 Marley Drive

Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
Web	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

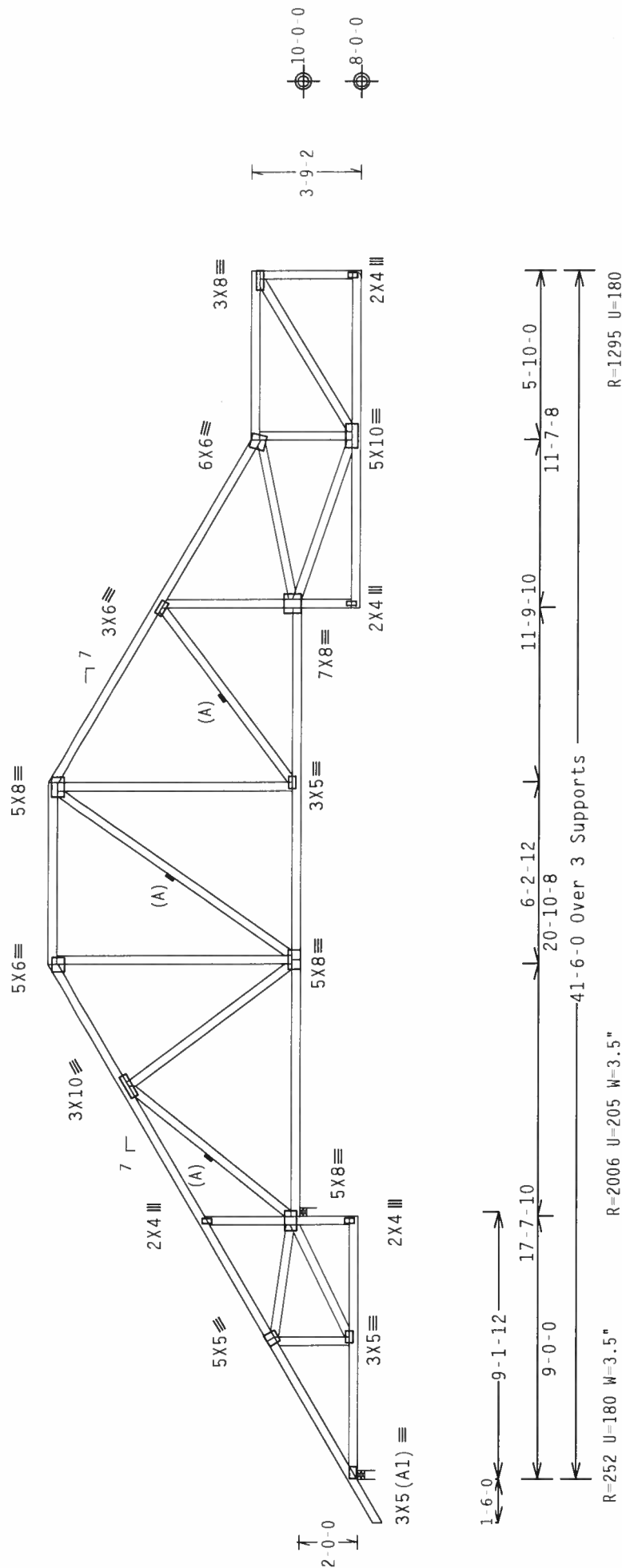
Right end vertical not exposed to wind pressure.

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

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

The overall height of this truss excluding overhang is 10-7-12.

Plates sized for a minimum of 3.00 sq. in./piece.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-
Scale =.1875"/Ft.

PLT TYP. Wave/R

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFLECT TO THE FOLLOWING COMPANIES FOR INFORMATION: WOODWARD (P) PROCESS PLATING INSTITUTE, 583 D. GORFORD DR., SUITE 200, MADISON, WI, 53719; AND MCGUINNESS, 1000 W. MICHIGAN, SUITE 100, 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 RIGID CEILING.

TC LL	20.0 PSF	REF R215-- 17658
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TC DL	10.0 PSF	DATE	05/08/06
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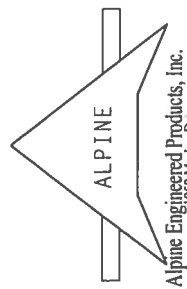
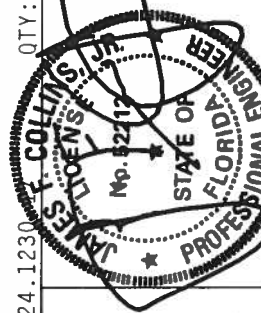
BC DL	10.0 PSF	DRW HCUSR215 06128125
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BC LL	0.0 PSF	HC-ENG EC/WHK
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TOT.LD.	40.0 PSF	SEON-	120840
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DUR-FAC-	1.25	FROM CDM	SEQN	150070
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****IMPORTANT****TURISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHE 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 CONTRACTORS MUST COMPLY WITH ALL PROVISIONS OF AISI (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPHE APPLIES STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, (TYPICAL) GATE STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, PER TRUSS COMPONENT. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISI/AISC Q 360.3 (2) PER TPI 2002 SEC 3. DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUFFICIENT FOR THE SEAL ON THIS



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

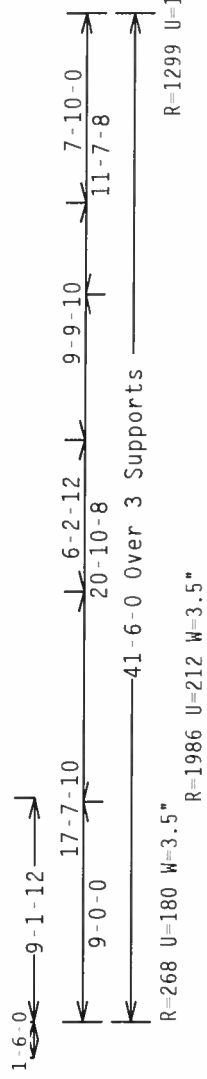
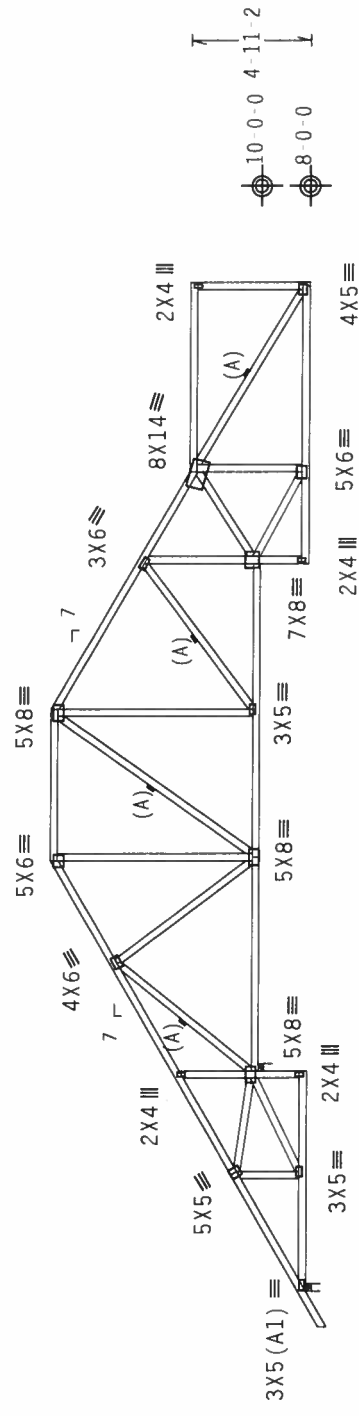
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

The overall height of this truss excluding overhang is 10-7-12.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.



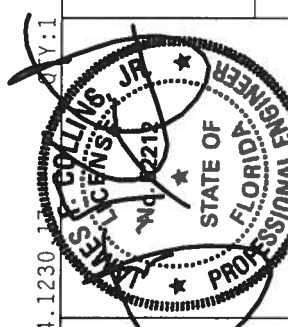
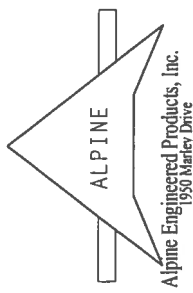
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\ R

Scale = .125" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D-ODORIO DR., SUITE 200, MADISON, WI 53719) AND WEA (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 RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE ALPINE ENGINEERING DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE 2018/166A (4-10/16) ASH A653 CODE 407/6/6. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (4-10/16) ASH A653 CODE 407/6/6. ALPINE CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.



TC LL	20.0 PSF	FL / - / 5 / - / - / R / -	REF	R215 -	17659
TC DL	10.0 PSF		DATE	05/08/06	
BC DL	10.0 PSF		DRW	HCUSR215	06128126
BC LL	0.0 PSF		HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF		SEQN-	120845	
DUR.FAC.	1.25		FROM	CDM	

(3499-Kimberly Oaks Subdivision /Stanley Crawford Const. -- LAKE CITY, FL - D9)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Right end vertical not exposed to wind pressure.

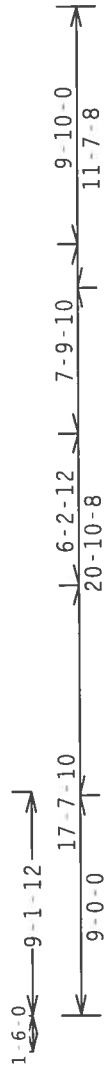
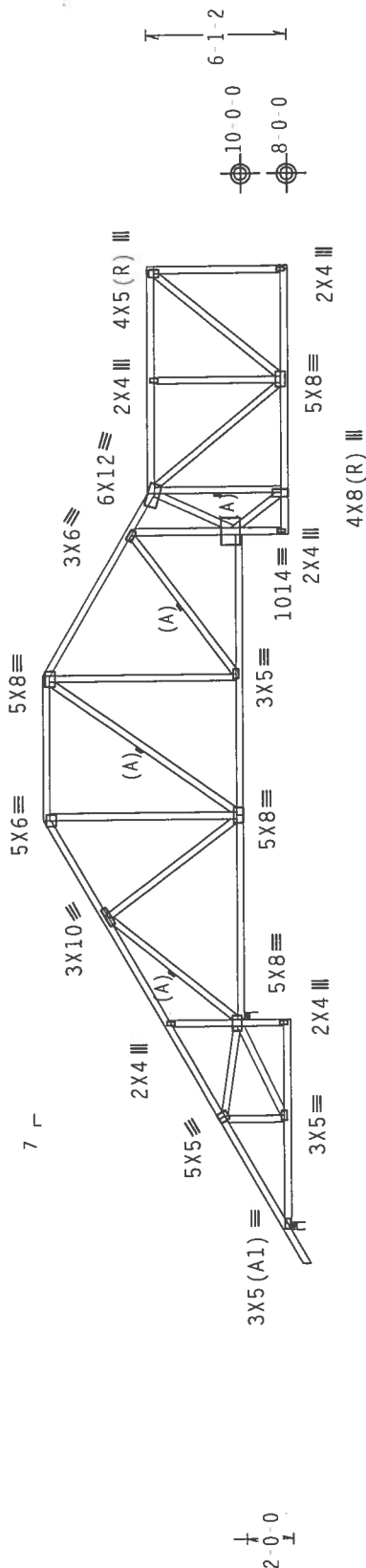
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

The overall height of this truss excluding overhang is 10'-7"-12".

Plates sized for a minimum of 3.00 sq.in./piece.

7



R=247 U=180 W=3.5" R=2012 U=223 W=3.5"

Design Crit: TPI-2002(STD)/FBC

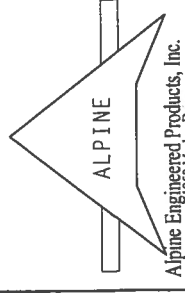
Scale = .125"/Ft.

PLT TYP. Wave/R

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES MUST BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE, 503 D'ARNO RD., SUITE 200, MADISON, WI 53719, AND NIA (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 RIGID CEILING.

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 AIA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE PERMITTED TO LOCATE ANY TRUSS OR TRUSSES IN ANY POSITION PER DRAWING, SO LONG AS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERMITTED AS PER TPI 2002, SEC 3.1.1. (2) SHALL BE PERMITTED AS PER TPI 2002, SEC 3.1.1. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

TC LL	20.0 PSF	REF	R215	17660
TC DL	10.0 PSF	DATE	05/08/06	
BC DL	10.0 PSF	DRW	HCUSR215	06128127
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEQN	120850	
DUR.FAC.	1.25	FROM	CDM	



110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERAL BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.



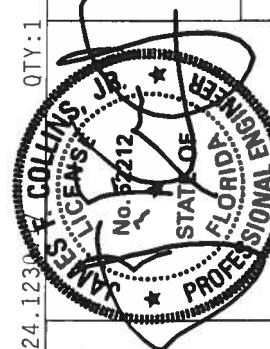
R-461 PLF U-55 PLF W-3-3-8

Design Crit: TPI-2002(STD)/FBC

$$Ca/RT=1.00(1.25)/10(0)$$

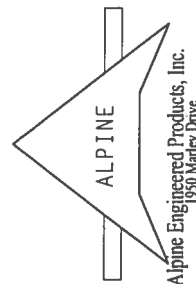
Scale = .1875"/ft.

TC LL	20.0	PSF	REF	R215--	17661
TC DL	10.0	PSF	DATE	05/08/06	
BC DL	10.0	PSF	DRW	HCUSR215	06128128
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	120855	
DUR.FAC.	1.25		FROM	CDM	



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCS1 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS MANUFACTURING INSTITUTE, 363 NORTH OXFORD DR., SUITE 200, MADISON, WI 53719, AND VITA LUDOW TRUSS COUNCIL OF AMERICA, 6560 ELMHURST BL., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. THESE TRUSSES MUST HAVE PROPERLY ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

IT IS IMPORTANT THAT YOU FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSSES IN ACCORDANCE WITH THE SPECIFICATIONS OF THIS DESIGN, OR OF FABRICATING OR INSTALLING THE TRUSSES IN CONFORMANCE WITH THE NATIONAL DESIGN SPEC. BY AISC AND THE AISC QUALITY CERTIFICATION PROGRAM, MAY BE CAUSE FOR REJECTION OF THE TRUSSES. THE DESIGN CONNECTION PLATES ARE MADE OF 20/18/16GA. (H/VS/K) ASTM A653 GRADE 40/60 (H/VS) GALV. STEEL. THE PLATES TO EACH FACE OF TRUSS AND, OTHERWISSE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF 1911 2002 SPEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

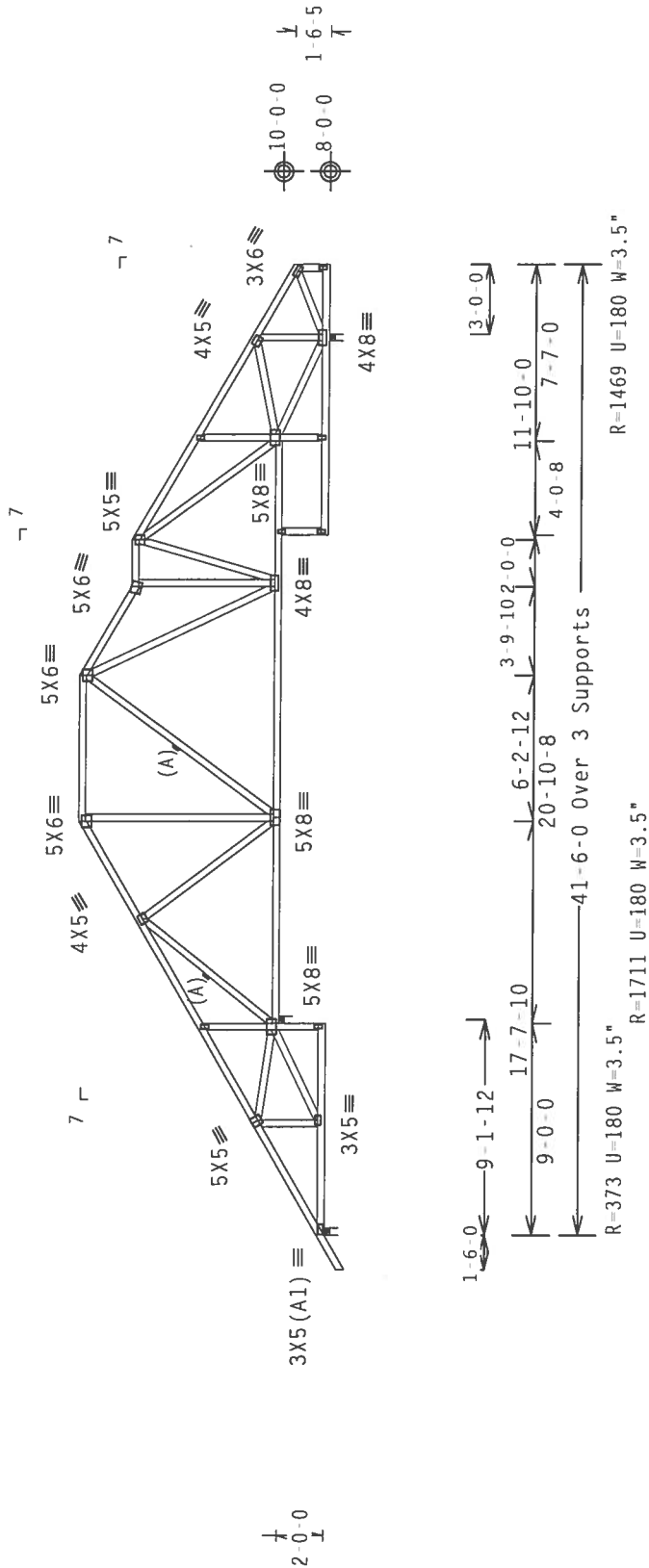
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 10-7 1/2.

SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.



Note: All Plates Are 2x4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

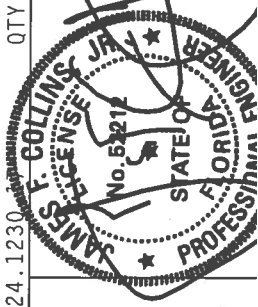
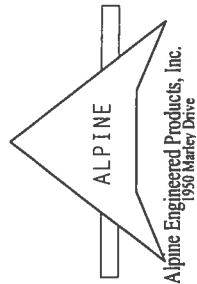
QTY:1

FL/-5/-/-R/-

Scale =.125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (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 RIGID CEILING.

****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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



REF	R215	17662
DATE	05/08/06	
DRW	HCUSR215	06128129
HC-ENG	EC/WHK	
SEON	120859	
FROM	CDM	

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean htg, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

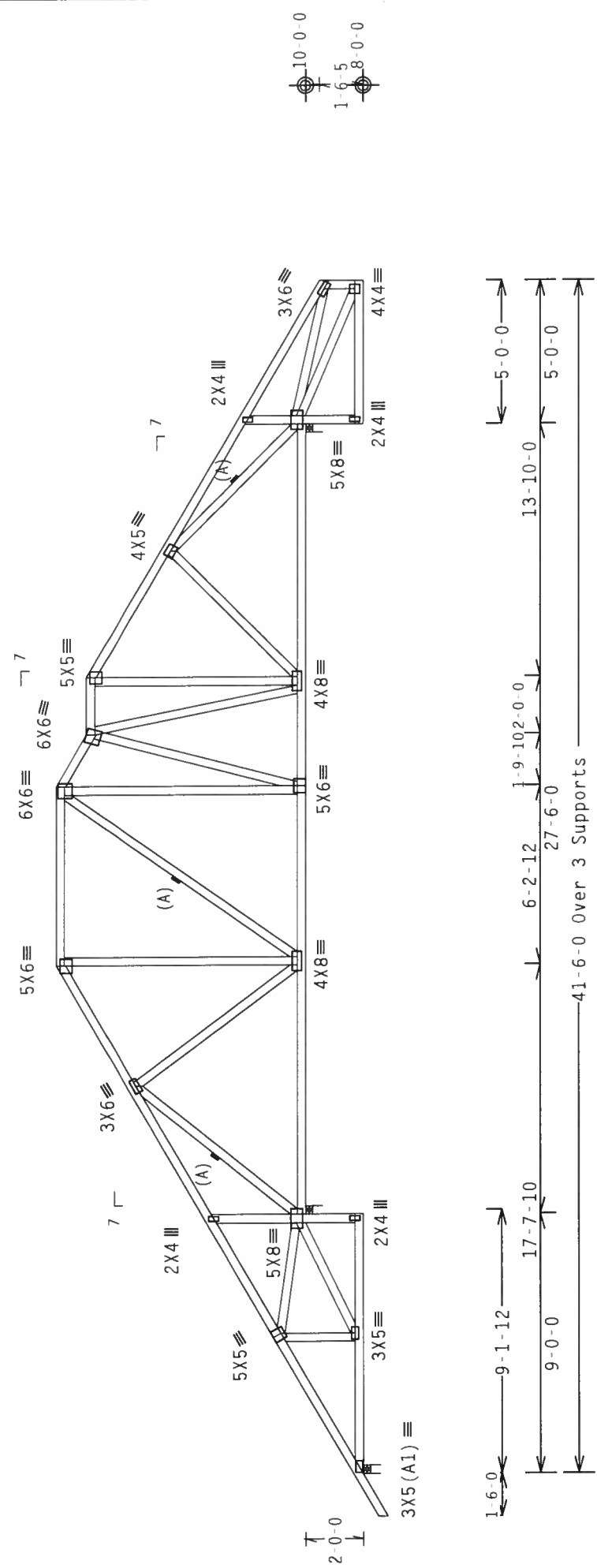
(A) Continuous lateral bracing equally spaced on member.

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

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 10-7-12.



R=410 U=180 W=3.5"

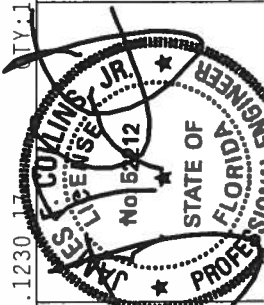
R=1572 U=180 W=3.5"

R=1570 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25



PLT TYP. Wave\R

Qc/RT=1.00(1.25)/10(0) 7.24.1230.17

FL/-/5/-/-/R/-

REF R215-- 17663

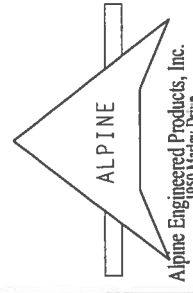
DATE 05/08/06

DRW HCUSR215 06128130

HC-ENG EC/WHK

SEQN- 120863

FROM CDM



ALPINE ENGINEERING 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 AIA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS MEMBERS WHERE THESE LOCATIONS ARE INDICATED. DESIGNATION PER ORDER. APPLY 2. DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT

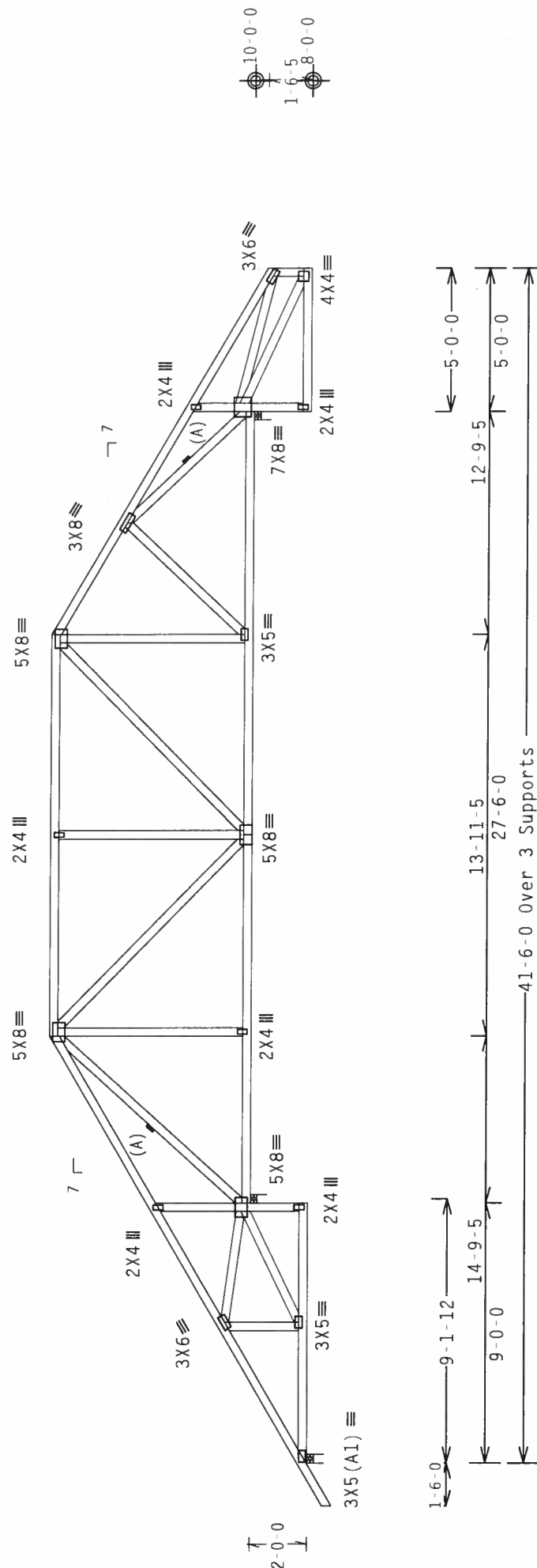
ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS MEMBERS WHERE THESE LOCATIONS ARE INDICATED. DESIGNATION PER ORDER. APPLY 2. DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 8-11-12.



R=1579 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230$$

QTY:1 EL / - / 5 / - / - / R / - / -

Scale = .1875"/ft.

PLT TYP. Wave\R

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SPEC. 1-03 (BUILDING COMPLIANT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PANEL INSTITUTE), 583 NORTH WASHINGTON STREET, CHICAGO, ILL. 60610, FOR ADDITIONAL INFORMATION. CROSS CORRELATE OF AEROSPACE, 6300 ENTERPRISE LN., MADISON, WI 53719, FOR FACTORY CERTIFICATION. ALL TRUSSES SHOWN ARE UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

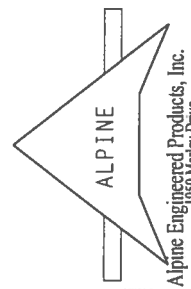
****WARNING**** TRUSS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BEFORE ANY TRUSS IS USED FOR CONSTRUCTION, IT MUST BE APPROVED BY THE FOLLOWING AGENCY: MISSOURI STATE DEPARTMENT OF REVENUE, P.O. BOX 600, SUITE 200 MADISON, MI 53719 AND MISSOURI DEPARTMENT OF TRANSPORTATION, P.O. BOX 800, SUITE 200 MADISON, MI 53719. THESE AGENCIES WILL REVIEW ALL DRAWINGS AND SPECIFICATIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:

TRUSS IN CONFORMANCE WITH IPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DISSEMINATIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFPA) AND IPTI. ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, GALV. STEEL APPLY TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, 1/2" PER PEARL DRUGS. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



TC LL	20.0	PSF	REF	R215 - -	17664
TC DL	10.0	PSF	DATE	05/08/06	
BC DL	10.0	PSF	DRW	HCUSR215	06128131
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN -	120869	
DUR.FAC.	1.25		FROM	CDM	



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

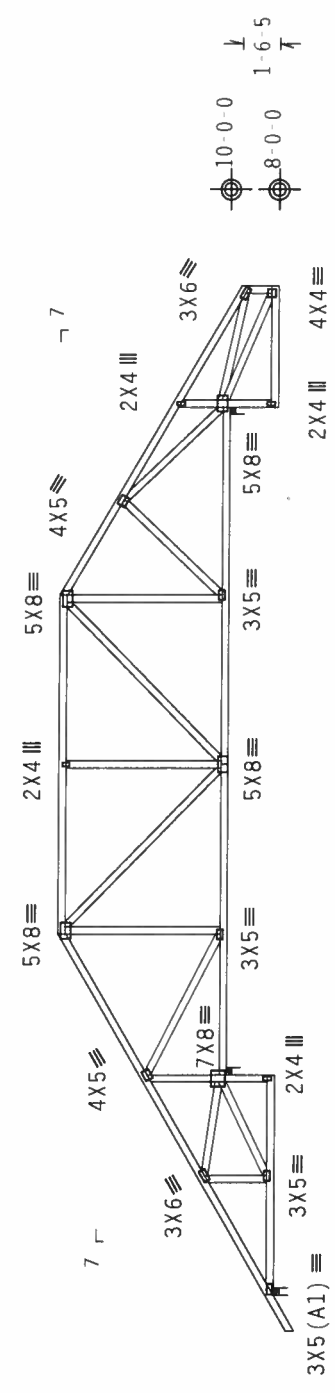
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 8-11-12.



1-6-0 9-1-12 14-9-5 9-0-0 13-11-5 27-6-0 41-6-0 Over 3 Supports 12-9-5 5-0-0 5-0-0
R=391 U=180 W=3.5"
R=1597 U=180 W=3.5"
R=1564 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

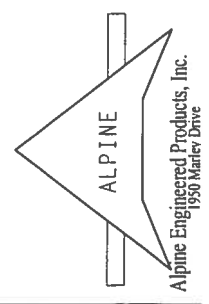
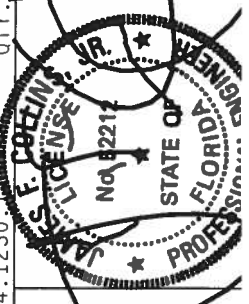
PLT TYP. Wave\R

Scale = .125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC'S 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ODORIO DR., SUITE 200, MADISON, WI 53719) AND NETA (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 RIGID CEILING.

****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 NETA REQUIREMENTS, OR FAILURE TO PROTECT THE TRUSS FROM DAMAGE DURING TRANSPORT OR INSTALLATION, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING DURING TRANSPORT OR INSTALLATION. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL BE DESIGNED TO SUPPORT A MINIMUM OF 2.0 PSF OF UNIFORM DEAD LOAD AND 16.0 PSF OF UNIFORM LIVE LOAD. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.

TC LL	20.0 PSF	REF	R215--	17665
TC DL	10.0 PSF	DATE	05/08/06	
BC DL	10.0 PSF	DRW	HCUSR215	06128132
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEQN-	120874	
DR.FAC.	1.25	FROM	CDM	



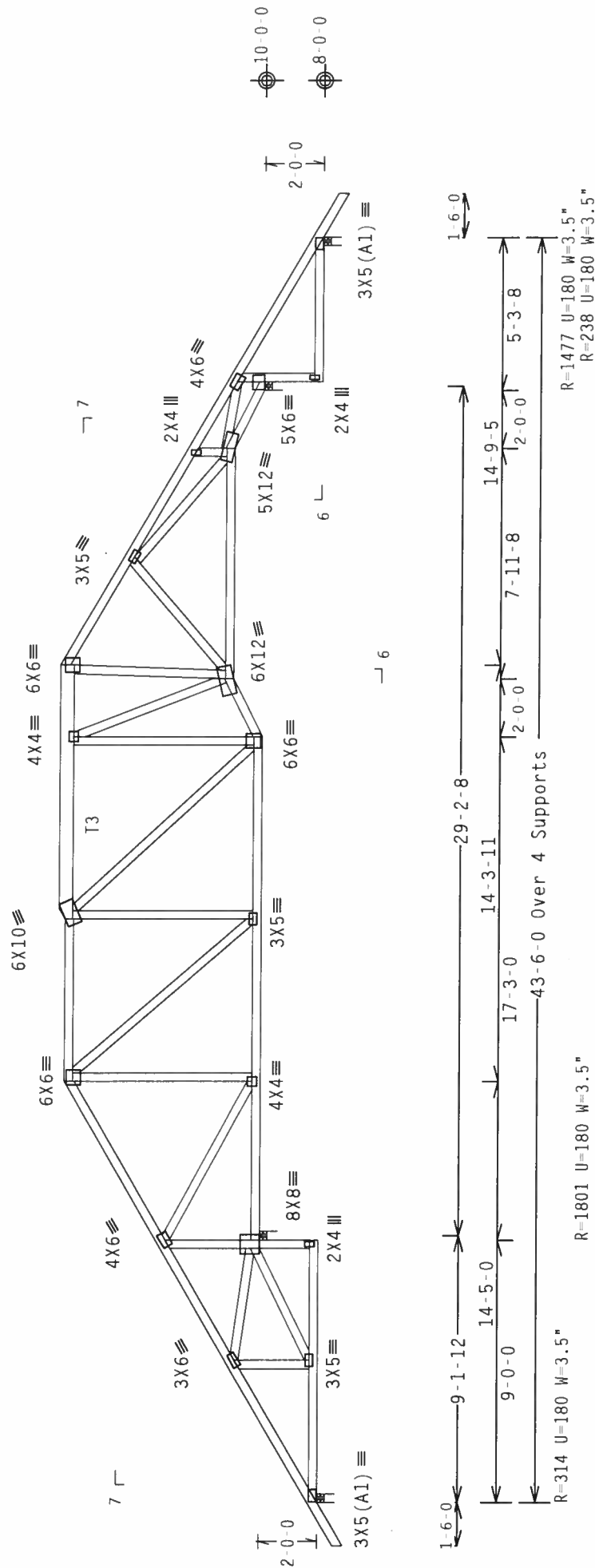
Top chord 2x4 SP #2 N : T3 2x6 SP #2 N:

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC. Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 8-11-12.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\R

 $Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230.17$

QTY:1 FL/-/5/-/-/R/-/

Scale = .1875"/Ft.

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1 (FOLDING AND UNFOLDING) AND BESI 2 (INSTALLATION) FOR COMPLETE INFORMATION. PROCESS BY IPI (HROSS PACE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, CHICAGO, ILL. 60607) OR BY THE MANUFACTURER'S AUTHORIZED REPRESENTATIVE. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, MUST BE PERFORMED BY PERSONNEL TRAINED IN THE PROPER USE OF THE THUSSES. THE THUSSES ARE NOT TO BE USED TO ATTACH OR DETACH THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN CONFORMANT WITH THIS OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES DESIGN CONFORMANT WITH THIS DESIGN SPEC. (PER AIA/PA AND IPIT) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONECTOR PLATES ARE MADE OF 2018/16GA. IN 1/2"X2" WITH 1/4" THICK. THE PLATES ARE TO BE USED TO ATTACH THE TRUSSES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2 AND 3. IF ANY INSPECTION OF PLATES FOLLOWED BY 1) SHALL BE PER ANNEX A3 OF IPIT 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

TC LL	20.0	PSF	REF	RZ15 - -	17667
TC DL	10.0	PSF	DATE	05/08/06	
BC DL	10.0	PSF	DRW	HCUSR215	06128134
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	120910	REV
DUR.EAC.	1.25		FROM	CDM	



Alpine Engineered Products, Inc.
1950 Marlev Drive

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hot, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

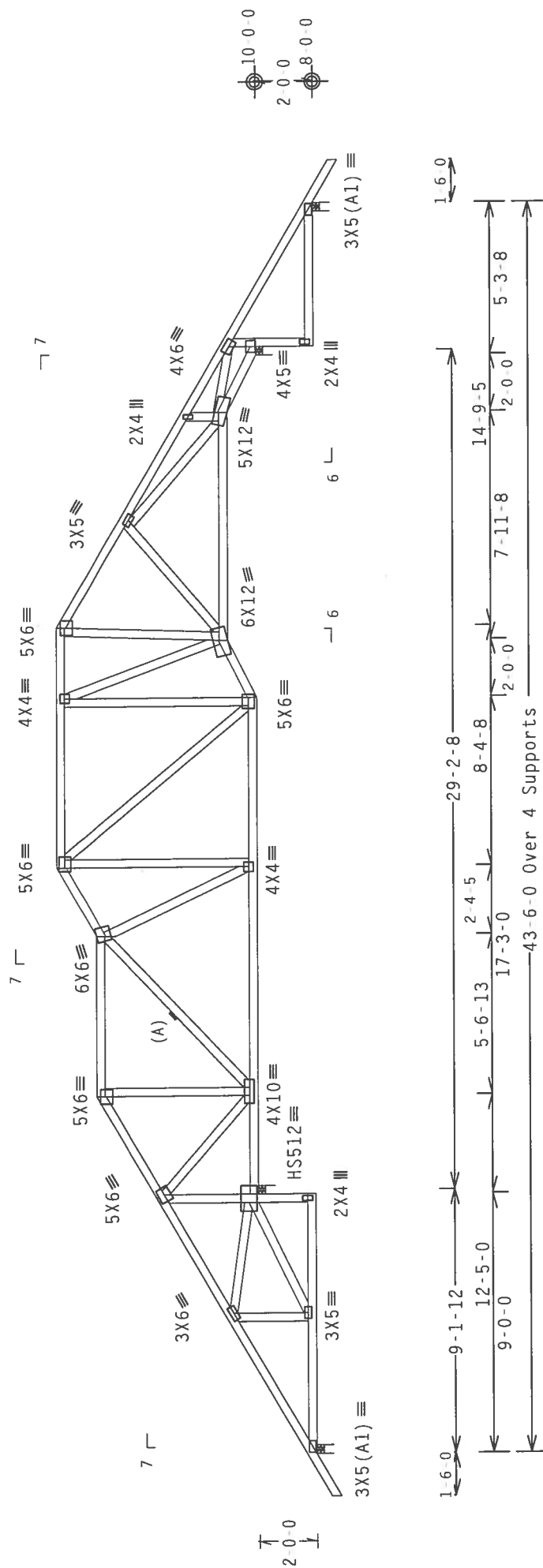
(A) Continuous lateral bracing equally spaced on member.

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

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

The overall height of this truss excluding overhang is 8-11-12.

Plates sized for a minimum of 3.00 sq.in./piece.



R=229 H=180 W=35"

R-1911 U=180 W=3.5"

R=1452 U=180 W=3.5"
R=238 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/5/-/-R/-
Scale =.1875"/Ft.

PLT TYP. 20 Gauge HS, Wave\ R

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 583 S. DORTCHER DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, IN. 46033, MADISON, WI 53719) FOR SAFE PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SILLING SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REF R215 - 17668

DATE 05/09/06

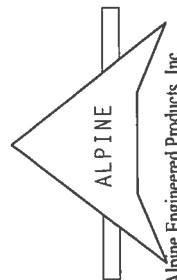
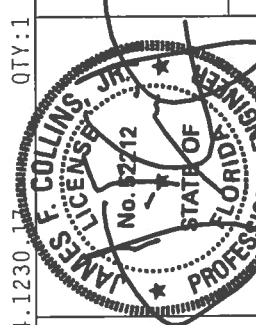
DRW HCUSR215 06129022

HC-ENG EC/WHK

SEON- 120915 REV

FROM CDM

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSSES IN CONFORMANCE WITH THIS DESIGN OR FOR ANY DAMAGE TO THE TRUSSING DURING THE INSTALLATION OF THE TRUSSES
DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS AND NATIONAL DESIGN SPEC. (BY AISC) AND ALPINE
CONNECTOR PLATES ARE MADE 20/18 ALUMINUM 6061-T6 PER ASTM A453 GRADE 40/50 (4" W/3.5" GALV STEEL
PLATES TO EACH FACE OF TRUSSES). TRUSSES WERE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A 2
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC A3 OF TPII 2002 SEC 3. A SEAL ON THIS
ALPINE ENGINEERS SIGNED AND DATED 11/1/2002



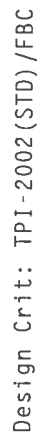
Alpine Engineered Products, Inc.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 8'11"-12."



QTY:1 FL/-/5/-/-/R/-

$$\text{Scale} = .1875" / \text{Ft.}$$

REF R215-- 17669

REF R215-- 17669

DATE 05/09/06

ORW HCUSR215 06129011

HC - FNG FC / WHK

CEON- 120020 DE

CDM	MDM
02607T	MD70

- RUM CDM

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive

	Top	chord	2x4	SP	#2	N	:T1	2x4	SP	SS:
	Bot	chord	2x4	SP	#2	N	:B2	2x4	SP	SS:
		webs	2x4	SP	#2	N				

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.18" due to live load and 0.19" due to dead load.

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

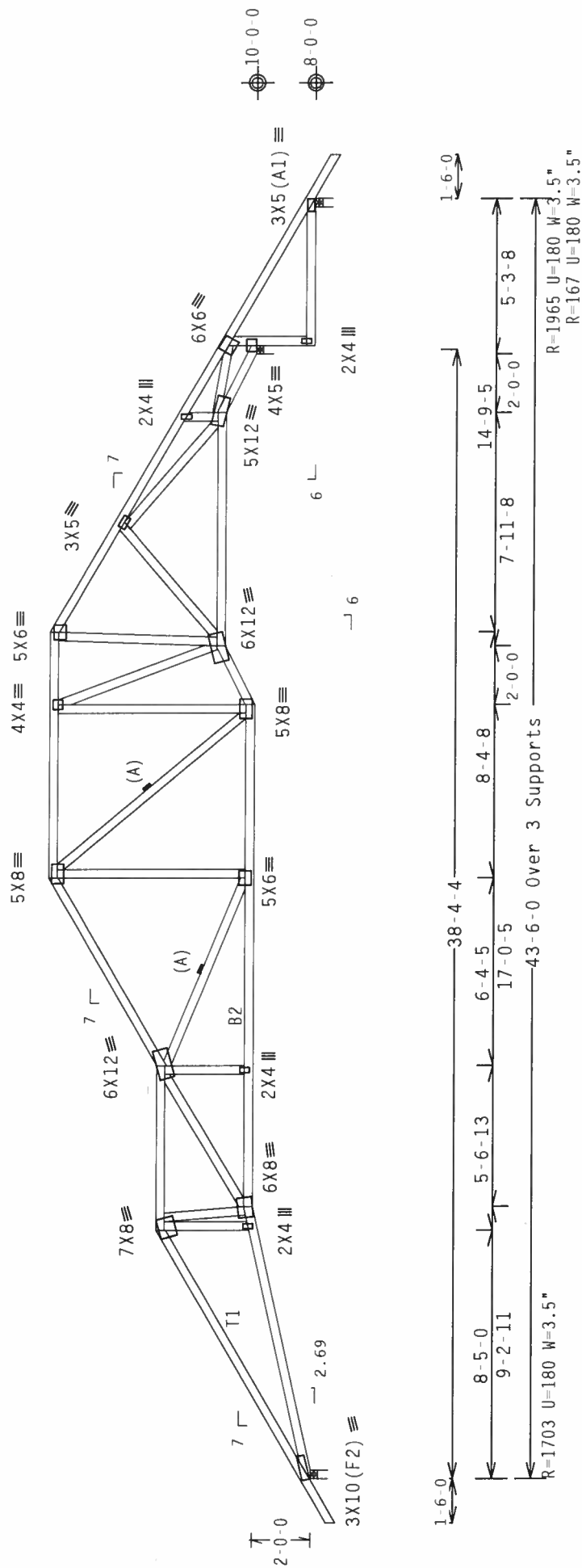
(A) Continuous lateral bracing equally spaced on member.

Plates sized for a minimum of 3.00 sq.in./piece.

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

The overall height of this truss excluding overhang is 8-11-12.

Shim all supports to solid bearing.

Design Crit: TPI-2002(STD)/FBC
$$Cq/RT=1.00(1.25)/10(0) \quad 7.24.1230.17$$

QTY:1 FL/-/5/-/-/R/-
Scale =.1875"/Ft.

PLT TYP. Wave/R

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BCS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLANE INSTITUTE, 583 D'ORFIO DR., SUITE 200, MADISON, WI 53719), AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0 PSF	REF R215-- 17670
-------	----------	------------------

TC DL	10.0 PSF	DATE	05/09/06
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BC DL	10.0 PSF	DRW HCUSR215 06129012
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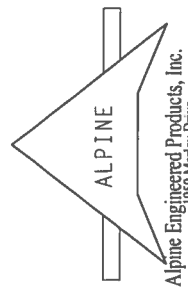
BC LL	0.0 PSF	HC-ENG EC/WHK
-------	---------	---------------

TOT.LD.	40.0	PSE
SEON-	120925	RE

DUR. FAC.	1.25	FROM	CDM
NOTES:	10.0 (3)	SEQN	120923

****IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.**

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ALPH CONNECTION PLATES ARE MADE OF 2018/1818 (H-1/8)X5/8 ASH A563 GRADE 40/60 (H-1/8)X5/8 GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC 341 OF TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.



top chord 2x4 SP #2 N : 12 2x6 SP SS:

Bot chord 2x4 SP #2 N :B1 2x4 SP SS: :B2 2x6 SP SS:
 Webs 2x4 SP #2 N :W4 2x4 SP SS:

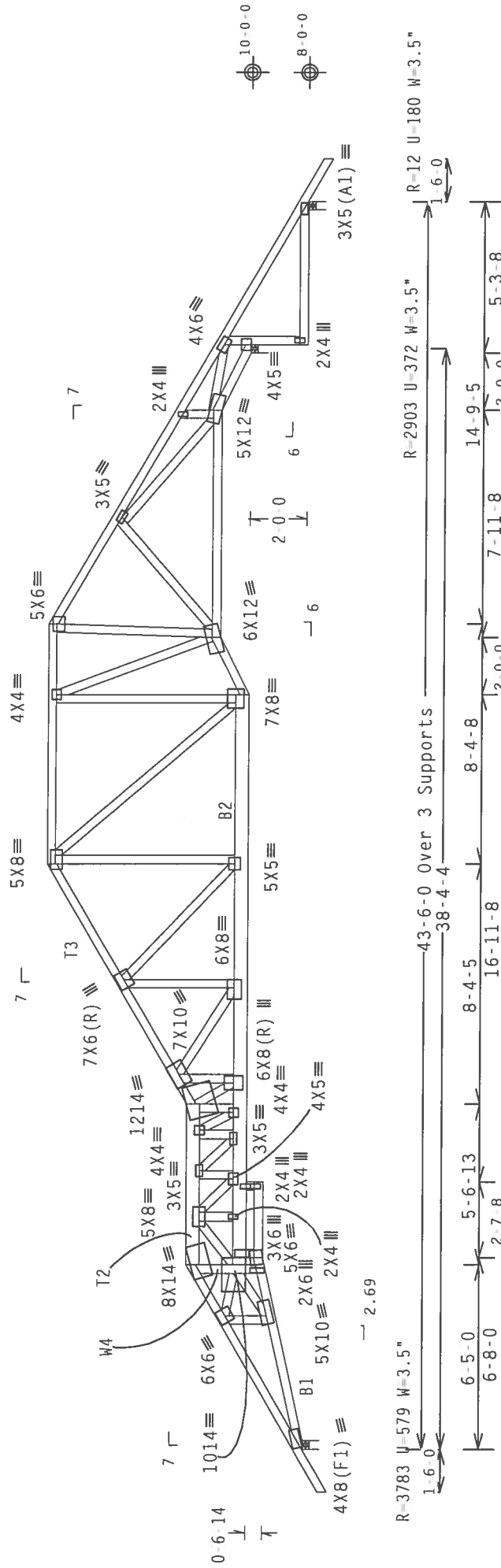
SPECIAL LOADS

TC	- From	63 PLF at -1.50	to	63 PLF at 45.00
BC	- From	5 PLF at -1.50	to	5 PLF at 0.00
BC	- From	20 PLF at 0.00	to	20 PLF at 9.67
BC	- From	20 PLF at 6.67	to	20 PLF at 9.29
BC	- From	20 PLF at 9.29	to	20 PLF at 28.25
BC	- From	22 PLF at 26.25	to	22 PLF at 28.25
BC	- From	20 PLF at 28.25	to	20 PLF at 43.50
PB	- From	5 PLF at 43.50	to	5 PLF at 45.00
PB	- From	172 LB Conc.	Load at (6.48,12.06)	, (7.06,12.06), (8.94,12.06)
PB	- From	433 LB Conc.	Load at (6.43,9.41)	
PB	- From	736 LB Conc.	Load at (7.06,9.47)	(8.94,9.47)
PB	- From	326 LB Conc.	Load at (10.94,10.04)	
PB	- From	30 LB Conc.	Load at (10.94,12.06)	
PB	- From	1379 LB Conc.	Load at (12.88,10.04)	
PB	- From	30 LB Conc.	Load at (10.94,12.06)	

Calculated vertical deflection is 0.55" due to live load and 0.56" due to dead load at $X = 12-8-12$.

Shim all supports to solid bearing.

SEE DWGS BCFILLER1103 FOR FILLER DETAILS.
LATERAL BRACE BOTTOM CHORD ABOVE FILLER @24"OC.
INCLUDING A LATERAL BRACE AT CHORD ENDS.



PLT TYP. Wave\R

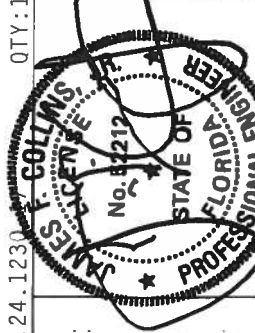
Design Crit: TPI-2002(STD)/FBC

1230

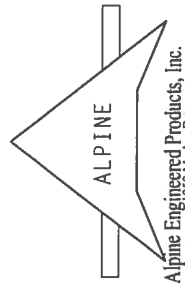
QTY:1 FL/-/5/-/1-/R/-

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215-- 17671
TC DL	10.0 PSF	DATE	05/09/06
BC DL	10.0 PSF	DRW	HCUSR215 06129023
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	120952 REV
DUR.FAC.	1.25	FROM	CDM



***IMPORTANT**TURN IN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR FOR THE ALPINE ENGINEERING COMPANY, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE DESIGN IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDPS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/116GA (W/H/TH) ASTM A563 GRADE 40/60 (W, K/H, S) GALV. STEEL PLATES TO EACH FACE OF TRUSS AND, (W/H/TH) OTHERWISE LOCATED ON THIS DESIGN, PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING SOLELY FOR THE TRUSS COMPONENT



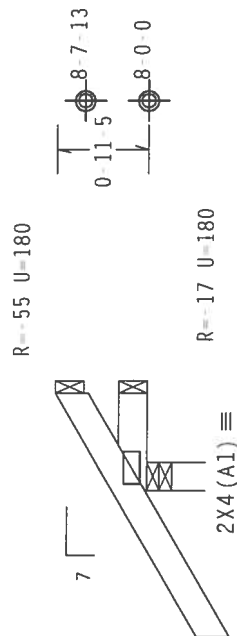
Alpine Engineered Products, Inc.
1950 Marlow Drive

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 0-11-5.
Plates sized for a minimum of 3.00 sq. in./piece.



← 1-6-0 →
1-0-0 Over 3 Supports
R=257 U=180 W=3.5"

PLT TYP. Wave\ R

Design Crit: $TPI - 2002(STD)/FBC$ $Cq/RT=1.00(1.25)/10(0)$ 7.24.1230

FL / - / 5 / - / - / R / - / - /
Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R215 -	17672
TC DL	10.0 PSF	DATE	05/08/06	
BC DL	10.0 PSF	DRW	HCUSR215	06128080
BC LL	0.0 PSF	HC - ENG	RK/WHK	
TOT.LD.	40.0 PSF	SEQN -	117284	
DUR.FAC.	1.25	FROM	CDM	



*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-800 BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TP1 (CRUSS PACE INSTITUTE, 583 MILLER AVE., ST. LOUIS, MO. 63103) FOR COMPLETE TRUSS INFORMATION. TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BL., MADISON, WI 53719, FOR TRUSS DESIGN, FABRICATION, AND ERECTION PRACTICES. TRUSSES ARE NOT TO BE USED FOR THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ANOTHER PROPERLY ATTACHED RIGID CELLING.

[illegible]

Alpine Engineered Products, Inc.
1950 Marley Drive

Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N

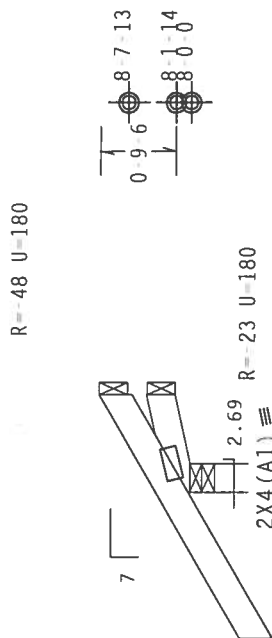
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 0-11-5.



← 1-6-0 →
1-0-0 Over 3 Supports
R-257 U-180 W-3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

QTY: 1 FL / 5 / - / - / R / - Scale = .5" / Ft.

WARNING: THESE TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPMENT, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 383 D'ORFIO DR., SUITE 200, MADISON, WI 53719, AND WCA WOOD TRUSS COMPANY OF AMERICA, 6300 ENTERPRISE DR., 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 RIGID CEILING.

REF R215 - 17673

DATE 05/08/06

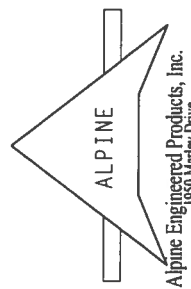
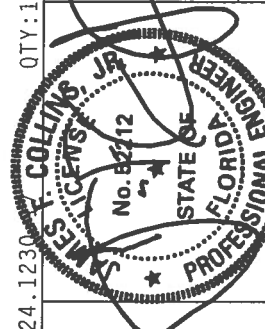
DRW HCUSR215 06128086

HC-ENG RK/WHK

SEON - 117358

FROM CDM

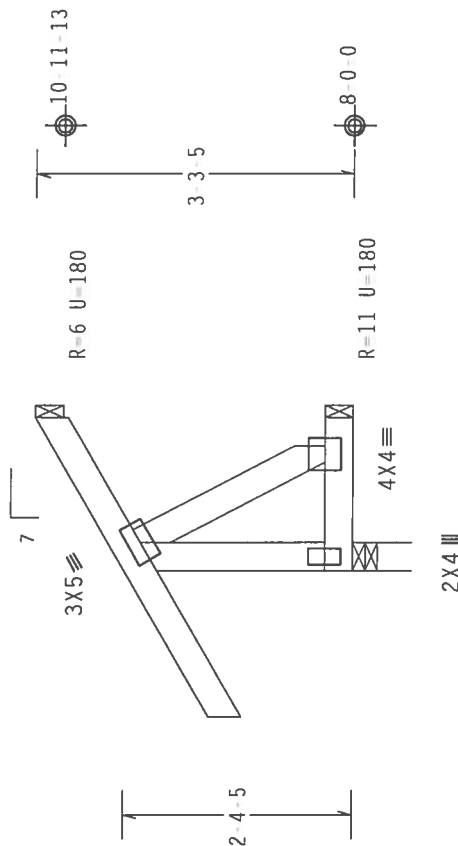
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE PROVISIONS OF THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BYS) PERMA CONNECTOR PLATES WITH TRUSS AND UNLESS OTHERWISE SPECIFIED, PERMA CONNECTOR PLATES SHALL BE 20/18/16GA (W/12/16) ASTM A653 GRADE 40/50 (F/ K/15S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND 16GA (W/12/16) UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 16GA 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF 1911 2002 SPEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED Bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 3-3-5.



1-6-13 Over 3 Supports
R-216 U-180 W-3.5"

Design Crit: TPI-2002(STD)/FBC

$$Ca/RT=1.00(1.25)/10(0)$$

QTY:1 FL/-/5/-/-/R/-

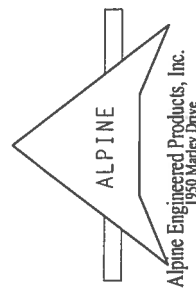
Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215 - - 17674
TC DL	10.0 PSF	DATE 05/08/06
BC DL	10.0 PSF	DRW HCUR215 06128072
BC LL	0.0 PSF	HC-ENG RK/WHK
TOT.LD.	40.0 PSF	SEQN- 117318
DUR.FAC.	1.25	FROM CDM

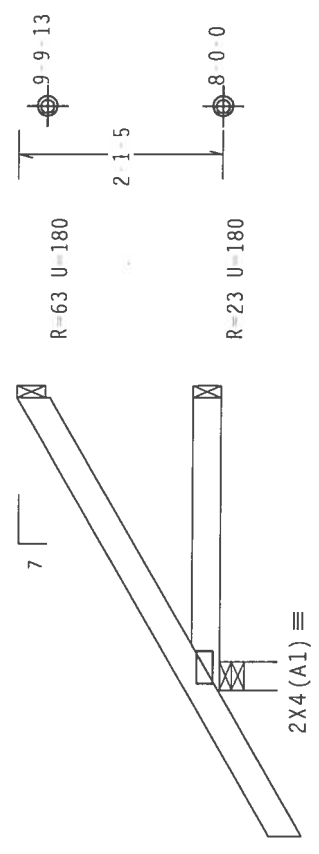


WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RESEARCH IN BUILDING COMPONENT INFORMATION, PUBLISHED BY IPI (BRUSS PULP INSTITUTE, 583 MADISON ST., SUITE 100, WILMINGTON, DE 19801) OR IRI (INTERNATIONAL RESEARCH INSTITUTE, 6300 INTERSTATE LN., SUITE 100, WILMINGTON, DE 19804) AND THESE COMPANIES' TRUSS DIVISIONS, OFFERS TRUSS INFORMATION. TRUSSES OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SHELLING.

*** IMPORTANT ***—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE PRODUCTS IN ACCORDANCE WITH THE DESIGN, OR ANY FAILURE TO PROPERLY BRACING, INSTALLING OR BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL BUILDING SPECIFICATIONS. THE CONNECTOR PLATES ARE MADE OF 20/18/1668 (H/H/S/S) ASTM A663 GRADE 40/60 (H. K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE SPECIFIED ON THIS DESIGN, INSTALLATION PER DRAWINGS 1604.7. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IP11 2002 SEC.3. DRAWING TWO CATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 21-5.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Plates sized for a minimum of 3.00 sq.in./piece.



←1-6-0→
3-0-0 Over 3 Supports
R-265 U-180 W-3.5"

PLT TYP. Wave|R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

QTY:1 FL/-5/-/-/R/-

Scale = .5"/Ft.

Alpine Engineered Products, Inc.
1950 Marley Drive

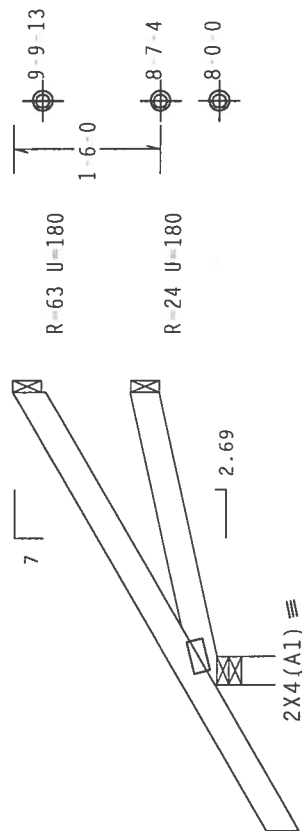
ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

REF	R215 --	17675
DATE	05/08/06	
DRW	HCUSR215	06128079
HC-ENG	RK/WHK	*
SEON	117288	
DUR.FAC.	1.25	FROM CDM

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

The overall height of this truss excluding overhang is 2-1-5.



3'-0" Over 3 Supports
R-265 U=180 W=3.5"

Design Crit: $TPI - 2002(STD)/FBC$

PLT TYP. Wave/R

QT:1 FL-5/-/-/R/- Scale = .5"/Ft.

ALPINE

Alpine Engineered Products, Inc.

1850 W. 10th St.

Fort Lauderdale, FL 33311

Phone: (305) 441-1850

Fax: (305) 441-1851

Website: www.alpineinc.com

ENGINEERING

PROFESSIONAL SEAL

STATE OF FLORIDA

NO. 5212

EXPIRATION DATE: 12/31/2012

ALPINE ENGINEERED PRODUCTS, INC.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 D-080810.D, 3010 S. 10th St., Suite 200, Hialeah, FL 33157 and WICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LN., HIALEAH, FL 33157 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE EVALUATION OF THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH THE SPECIFICATIONS FOR FABRICATING AND INSTALLING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HUDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI (TRUSS PLATE INSTITUTE). CONNECTOR PLATES ARE MADE OF 2018/16GA (W/12/5/2) ASTM A653 GRADE 40/60 (W/ 6/16/5) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERX A3 OF IP11 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

REF	R215--	17676
DATE	05/08/06	
DRW	HCUSR215	06128085
HC-ENG	RK/WHK	*
SEON-	117355	
FROM	COM	
DUR.	FAC.	1-25

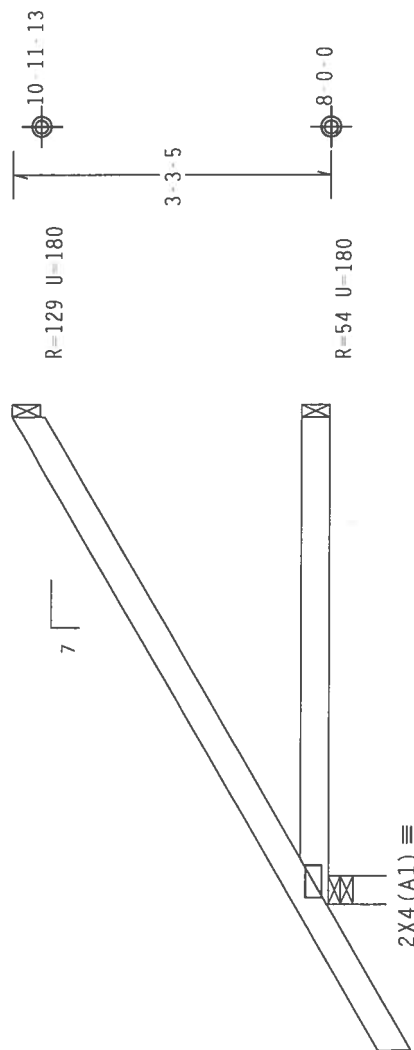
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL 5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 3-3-5.

 $\rightarrow 1-6-0 \leftarrow$

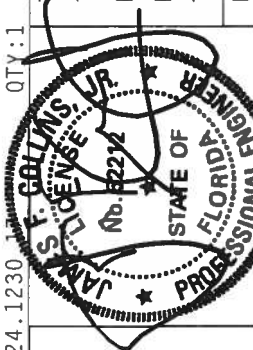
← 5-0-0 Over 3 Supports →
 $P=335 \text{ U}=180 \text{ W}=3.5"$

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave\ R

QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF R215- 17677
TC DL	10.0 PSF	DATE 05/08/06
BC DL	10.0 PSF	DRW HCUR215 06128073
BC LL	0.0 PSF	HC-ENG RK/WHK *
TOT.LD.	40.0 PSF	SEQN- 117291
DUR.FAC.	1.25	FROM CDM



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI 1.03, BUILDING COMPONENT SAFETY INFORMATION, FOR TRUSS PLATE INSTITUTE, 363 NORTH OXFORD DR., SUITE 100, MADISON, WI 53719, AND WCA WOOD TRUSS COMPANY, UNLESS OTHERWISE INDICATED. 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 RIGID CELLING.

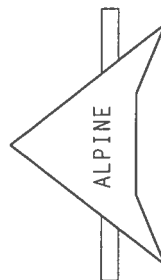
IMPORTANT, UNLESS A COPY OF THIS DESIGN IS THE INSTALLATION CONTRACTOR'S PROPERTY, THE SUBMITTER ASSUMES RESPONSIBILITY FOR THE PRODUCTION AND REVISIONS OF THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE REQUIREMENTS OF THIS DESIGN, INCLUDING BUT NOT LIMITED TO THE FOLLOWING, SHALL BE THE RESPONSIBILITY OF THE FABRICATOR OR ERECTOR OF THE TRUSS:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ASEP) AND TPCE (TRUSS CONNECTION PLATES), BOTH PUBLISHED BY THE AMERICAN LUMBER ENGINEERING SOCIETY.

CONNECTION PLATES ARE MADE OF 20/18/16GA (W/12X16) ASTM A653 GRADE 40/60 (W/ 6X12) GALV. STEEL. ALL OTHER PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPCE 2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Alpine Engineered Products, Inc.
1950 Marley Drive

(3499 - Kimberly Oaks Subdivision /Stanley Crawford Const. - LAKE CITY, FL - JC5A)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

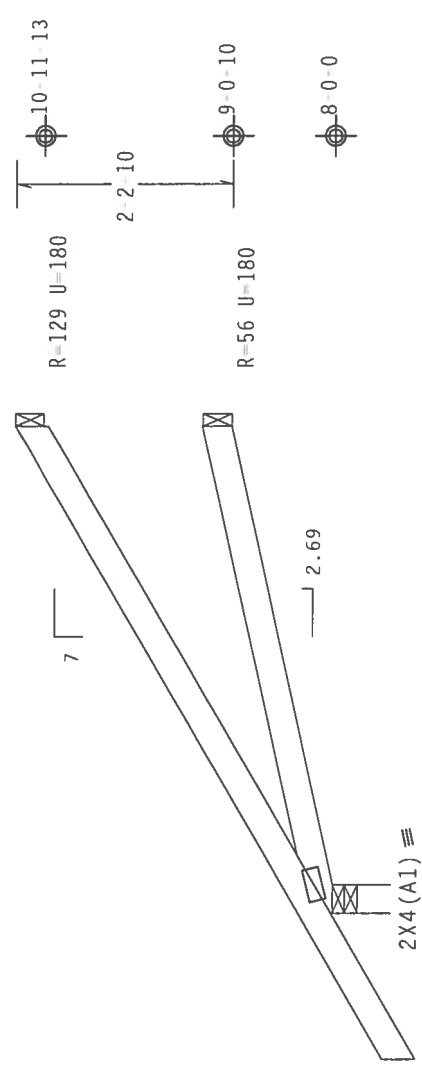
Deflection meets L/360 live and L/240 total load.

Shim all supports to solid bearing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 3-3 5/8.

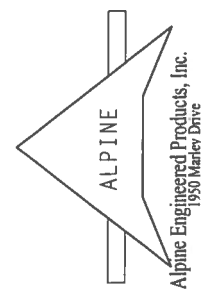


←-1-6-0-→

←-5-0-0 Over 3 Supports →
R-336 U-180 W-3.5"

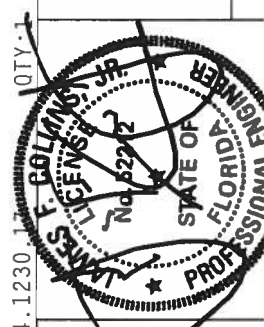
Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/10(0)

PLT TYP. Wave R



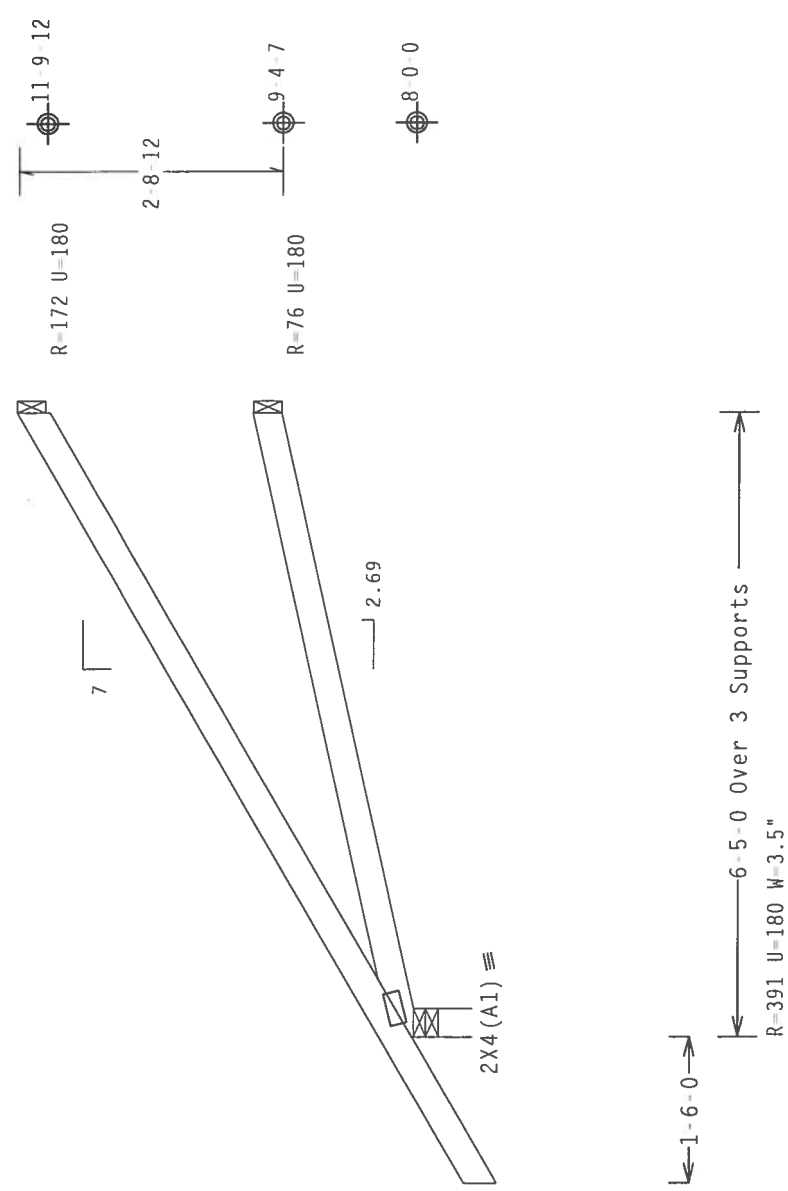
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 O'DONOHUE DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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 RIGID CEILING.

****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, OR CONNECTOR PLATES ARE MADE OR USED IN CONVICTION OF VIOLATION OF THE NATIONAL DESIGN SPEC. BY ALPINE AND TPI. APPLICABLE TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.



TC LL	20.0 PSF	FL / - / 5 / - / - / R / -	QTY = 1	Scale = 1/5" / Ft.
TC DL	10.0 PSF			REF R215 -- 17678
BC DL	10.0 PSF			DATE 05/08/06
BC LL	0.0 PSF			DRW HCUSR215 06128084
TOT.LD.	40.0 PSF			HC-ENG RK/WHK *
DUR.FAC.	1.25			SEQN- 117351
				FROM CDM

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/360 live and L/240 total load.
Shim all supports to solid bearing.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Plates sized for a minimum of 3.00 sq.in./piece.
The overall height of this truss excluding overhang is 4-1-4.



PLT TYP. Wave\ R

Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/10(0) 7.24.1230

Scale = 5" / Ft.

REF	R215--	17679
DATE	05/08/06	
DRW	HCUSR215	06128087
HC-ENG	RK/WHK	*
SEQN	117499	
FROM	CDM	

QTY: 1 FL / - / 5 / - / - / R / -

TC LL 20.0 PSF
TC DL 10.0 PSF
BC DL 10.0 PSF
BC LL 0.0 PSF
TOT.LD. 40.0 PSF
DUR.FAC. 1.25

ALPINE
Engineered Products, Inc.
1950 Marley Drive

FLORIDA
STATE OF
PROFESSIONAL ENGINEER
No. 62242
F. COLLINS JR.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (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 RIGID CEILING.

****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 A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE PLATES TO EACH END OF TRUSS AND JOINTS. STEELING 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC 3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

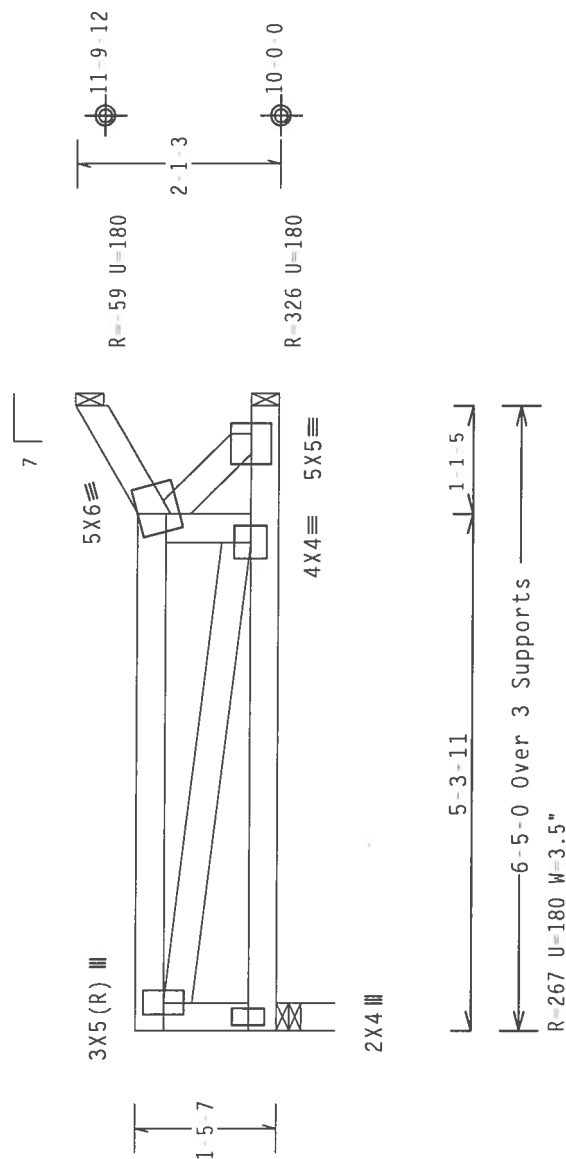
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Provide for complete drainage of roof.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 2-1-3.

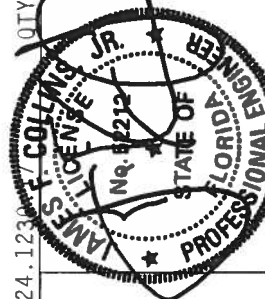


PLT TYP. Wave\ R

Design Crit: $TPI = 2002(STD)/FBC$

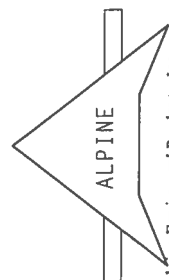
QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF R215 - 17680
TC DL	10.0 PSF	DATE 05/08/06
BC DL	10.0 PSF	DRW HCUR215 06128076
BC LL	0.0 PSF	HC-ENG RK/WHK
TOT.LD.	40.0 PSF	SEQN- 117502
DUR.FAC.	1.25	FROM CDM



WARNING TRUSSES/REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PCS1 1.03, BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 583 NORTH OXFORD DR., SUITE 200, MADISON, WI 53719, AND NCA LIQUID TRUSS COUNCIL OF AMERICA, 6300 COTTERMAN ST., MADISON, WI 53719, FOR SAFETY PRECAUTIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANT-URRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE DESIGN CONFORMS WITH ALL APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION. THE TRUSS DESIGNING COMPANY HAS NOT CONDUCTED VISUAL INSPECTION OF THE TRUSS. THE TRUSS COMPONENTS AND CONNECTOR PLATES ARE MADE OF 20/18/1668 (H/V/S/K) ASTM A663 GRADE 40/60 (14 K/15 S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A, 2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF 1911-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



Alpine Engineered Products, Inc.
1950 Marley Drive

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @ 3.50" o.c.

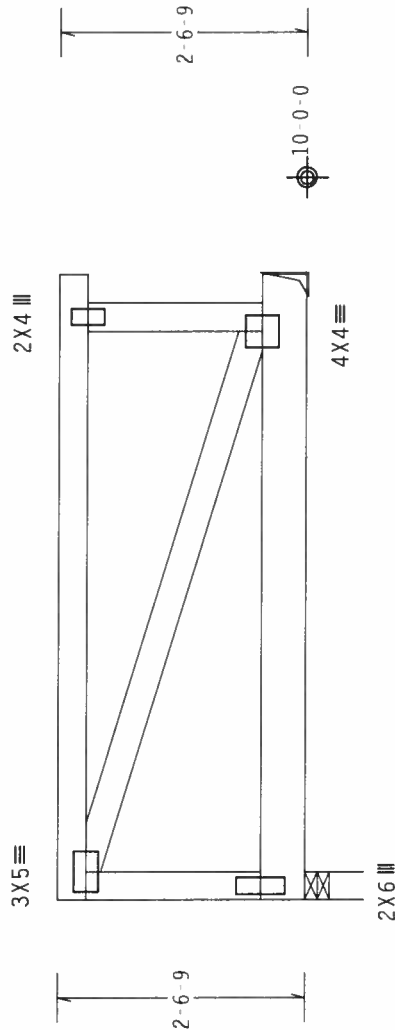
Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Truss must be installed as shown with top chord up.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



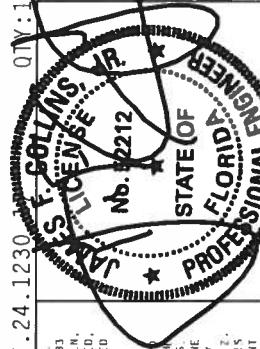
← 6-5-0 Over 2 Supports →
R=2044 U=196 W=3.5" R=1379 U=180

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave/R

QTY: 1 ~~EL~~ / - / 5 / - / - / R / -
Scale = .5" / Ft.

TC LL	20.0	PSF	REF	R215 -	17681
TC DL	10.0	PSF	DATE	05/09/06	
BC DL	10.0	PSF	DRW	HCUSR215	06129013
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEGN-	120896	
DUR.FAC.	1.25		FROM	CDM	



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE AMERICAN PLASTIC INSTITUTE, 363 DODDINGTON DR., SUITE 200, MADISON, WI 53719, AND WCA, INC., TRUSS COUNCIL OF AMERICA, 1000 W. 15TH AVE., SUITE 100, DENVER, CO 80202, FOR TRUSS DESIGN, CONSTRUCTION, AND INSTALLATION PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHERWISE, IMPROPERLY ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED LONG CHORDS.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DETRIATION FROM THIS DESIGN; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AIAA) AND TPI. ALTHOUGH CONNECTOR PLATES ARE MADE OF 20/18/166 (W/H/S/K) ASTM A653 GRADE 40/60 (14, 11/16) GALV. STEEL, PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF IPTI 2002 SPEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT



Alpine Engineered Products, Inc.
1950 Marley Drive

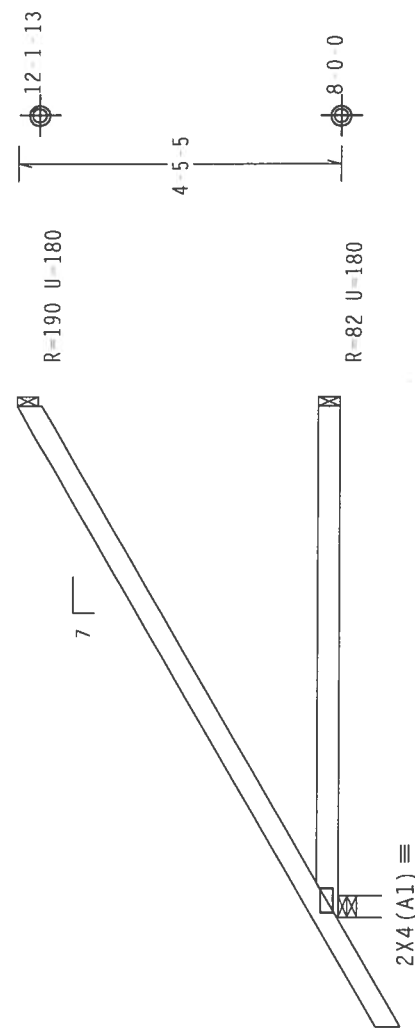
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 4-5-5.

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind tc DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.

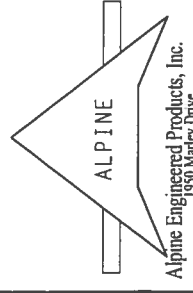


1 6 0

7-0-0 Over 3 Supports
R-412 U=180 W 3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

PLT TYP. Wave\R



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST L.O. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'ONDRIQ DR., SUITE 200, MADISON, WI 53719), AND MICA (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 RIGID CEILING.

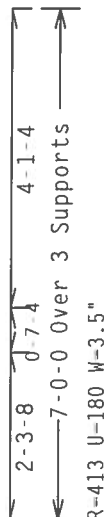
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1000 (4-11/16) ASTM A653 GRADE 40/60 (4-11/16) GALV. STEEL. APPLY ANY INSPECTION OF TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF TRUSSES SHALL BE MADE BY A QUALIFIED PERSON. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT

QTY:1	FL/-/5/-/1/R/-	Scale = .375" / Ft.
TC LL	20.0 PSF	REF R215 - 17682
TC DL	10.0 PSF	DATE 05/08/06
BC DL	10.0 PSF	DRW HCUSR215 06128074
BC LL	0.0 PSF	HC-ENG EC/AP *
TOT.LD.	40.0 PSF	SEQN- 118070
DUR.FAC.	1.25	FROM CDM

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

The overall height of this truss excluding overhang is 4-5-5.

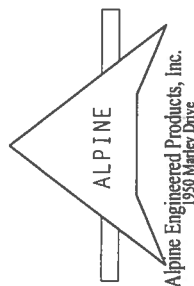
plates sized for a minimum of 3.00 sq. in./piece.



17



ALPINE
 Alpine Engineered Products, Inc.
 1950 Marley Drive



(3499 - /Kimberly Oaks Subdivision /Stanley Crawford Const. - LAKE CITY, FL - JE7B)

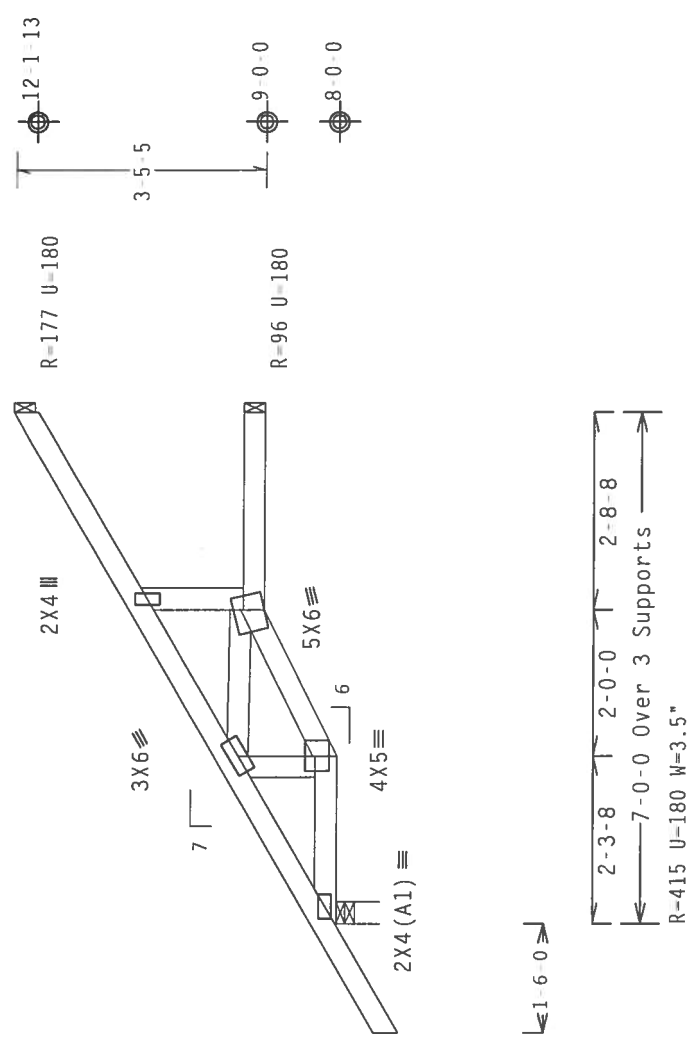
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-5-5.



1-6-0

2-3-8 2-0-0 2-8-8
7-0-0 Over 3 Supports
R-415 U-180 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230.17

PLT TYP. Wave\R

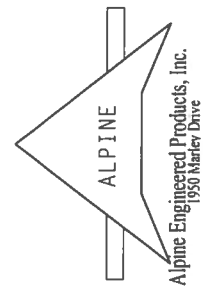
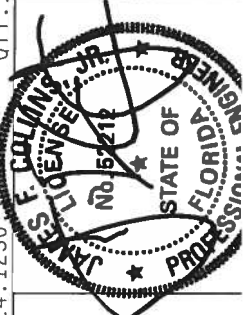
QTY:1 FL/-/5/-/-/R/-

Scale =.375"/Ft.

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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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH THE APPLICABLE DESIGN SPEC. BY ATAPA AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE PROPER FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0 PSF	REF	R215--	17684
TC DL	10.0 PSF	DATE	05/08/06	
BC DL	10.0 PSF	DRW	HCUSR215	06128081
BC LL	0.0 PSF	HC-ENG	RK/WHK	*
TOT.LD.	40.0 PSF	SEQN-	117300	
DUR.FAC.	1.25	FROM	CDM	



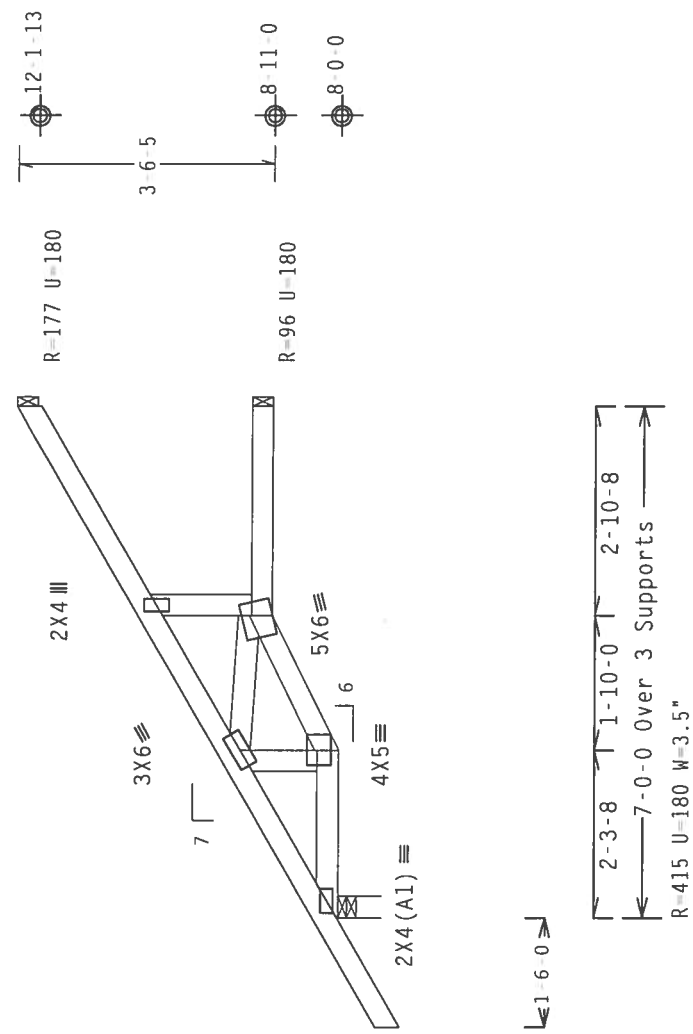
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-5-5.



PLT TYP. Wave\ R

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/(10.0) 7.24.1230 QTY:1 FL/-/5/-/-/R/-

Scale = .375"/Ft.

REF	R215	17685
DATE	05/08/06	
DRW	HCUSR215	06128116
HC-ENG	EC/WHK	*
SEQN	120771	
FROM	CDM	

1000

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

ALPINE ENGINEERED PRODUCTS, INC.
1950 MARLEY DRIVE
LAKE CITY, FL 33709
(813) 424-1100
WWW.ALPINE-ENGINEERING.COM

FLORIDA PROFESSIONAL ENGINEER
No. 52212
STATE OF FLORIDA

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 543 D'ONDRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (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 RIGID CEILING.

****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 A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. BY AFPA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND JOINTS. TOP CHORDS SHALL BE DESIGNATED PER DRAWINGS (GIGA 2). ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

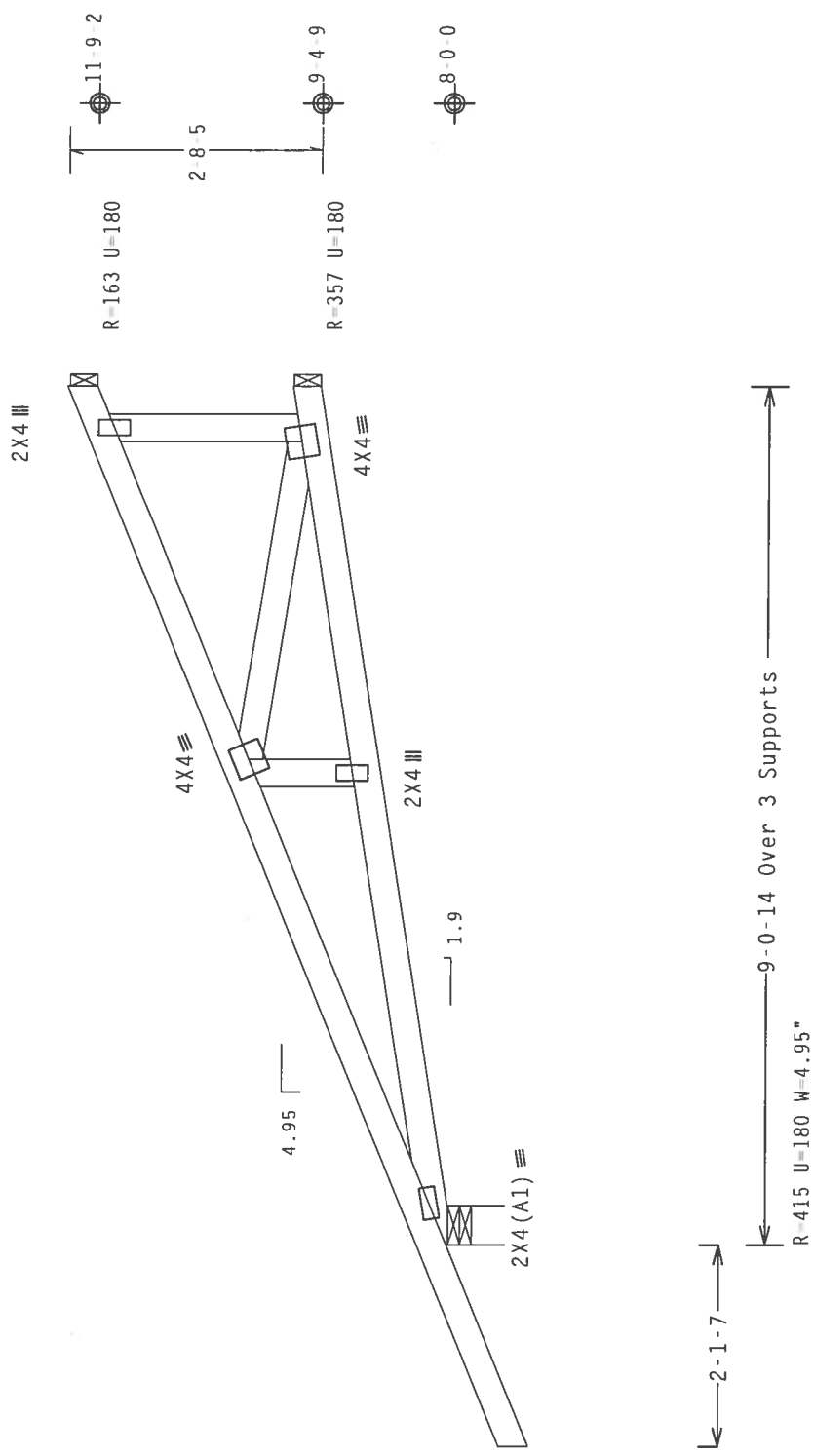
Hipjack supports 6-5-0 setback jacks with no webs.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-0-15.

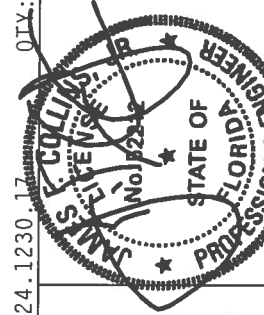
Deflection meets L/360 live and L/240 total load.

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/10(0) 7.24.1230.17

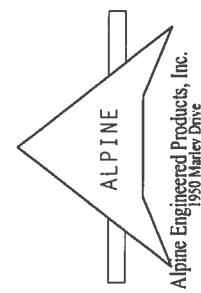
PLT TYP. Wave\ R



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (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 RIGID CEILING.

****IMPORTANT**** I, JAMES E. COLLINS, P.E., FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, CONNECTOR PLATES, AND PROVIDING OF JOINTS (NATIONAL DESIGN SPEC. BY AFPA) AND IPTI. APPLY PLATES TO EACH FACE OF TRUSS AND JOINTS. UNLESS OTHERWISE INDICATED, APPLY 100A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1), SHALL BE PER ANNEX A3 OF TPI 2002 SPEC. THE DESIGNER'S DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN.

QTY: 1	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215 - 17687
TC DL	10.0 PSF	DATE 05/08/06
BC DL	10.0 PSF	DRW HCUSR215 06128083
BC LL	0.0 PSF	HC-ENG RK/WHK
TOT.LD.	40.0 PSF	SEQN 117495
DUR.FAC.	1.25	FROM CDM



(3499 /Kimberly Oaks Subdivision /Stanley Crawford Const. LAKE CITY, FL - JH10)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

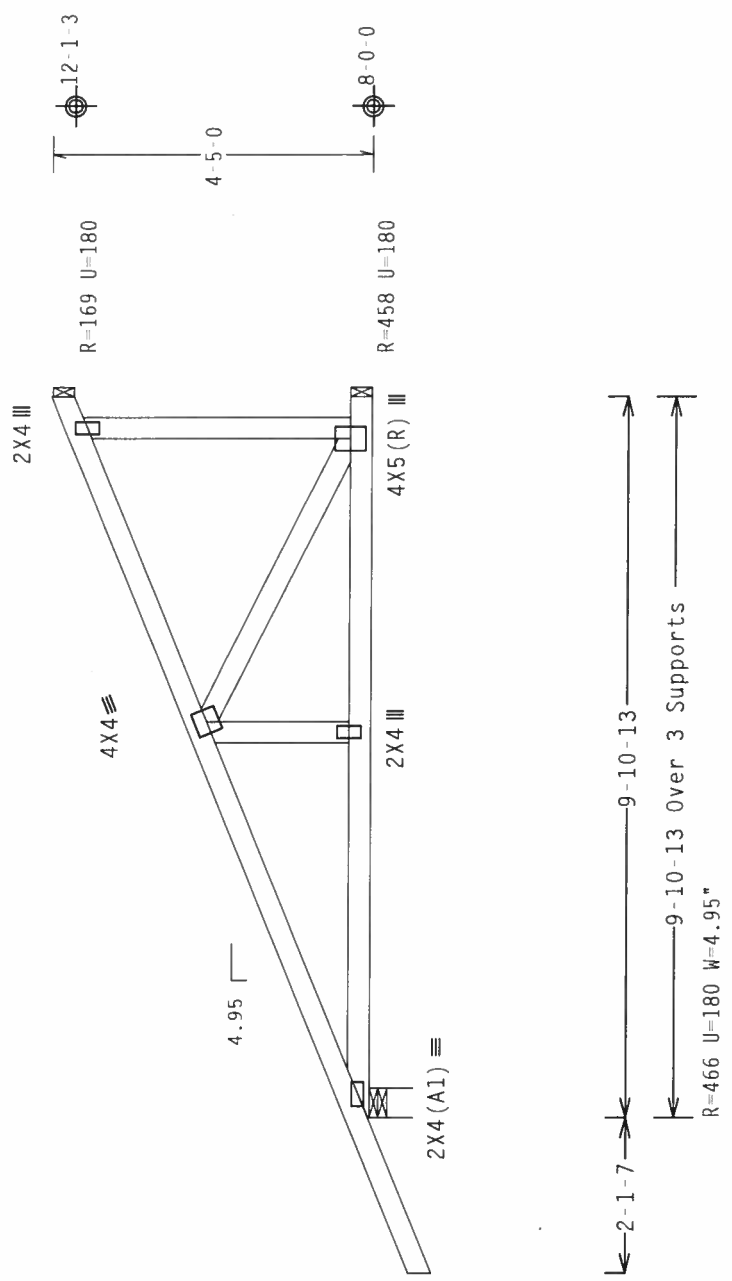
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Hipjack supports 7 0-0 setback jacks with no webs.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-5-0.



PLT TYP. Wave\ R

Design Crit: TPI-2002(STD)/FBC

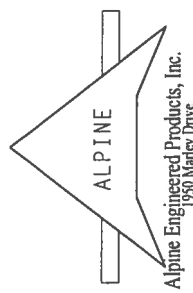
Cg/RT=1.00(1.25)/10(0) 7.24.1230

QTY: 1 FL/-/5/-/1/R/-

Scale = .375" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'ORVILLE DR., SUITE 200, MADISON, WI 53719) AND MECA (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 RIGID CEILING.

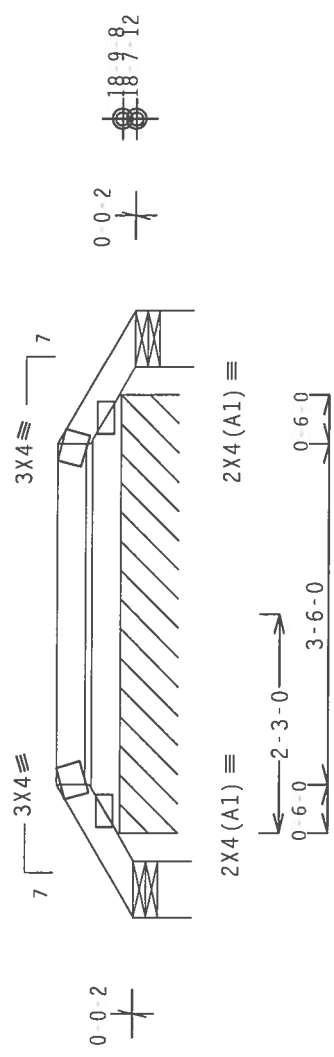
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. APPLY THE FOLLOWING NOTES TO ALL TRUSSES: 1. ALL TRUSSES ARE TO BE MADE OF 20/16/16GA (4-H/5/8) ASTM A555 GRADE 40/60 (4, 8/16.5) GALV. STEEL. APPLY PLATES TO ALL CHORDS AND WEBS. 2. ALL TRUSSES ARE TO BE DESIGNED AND DRAWN PER DRAWINGS 100A-2. 3. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY THE TRUSS COMPONENT MANUFACTURER. 4. THE TRUSS COMPONENT MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.



REF	R215 - -	17688
DATE	05/08/06	
DRW	HCUSR215	06128078
HC-ENG	RK/WHK	
SEQN	117315	
FROM	CDM	

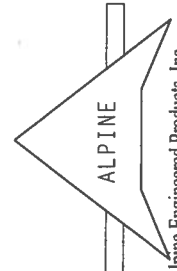
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.
110 mph wind, 19.05 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.
Deflection meets L/360 live and L/240 total load.
The overall height of this truss excluding overhang is 0-9-9.

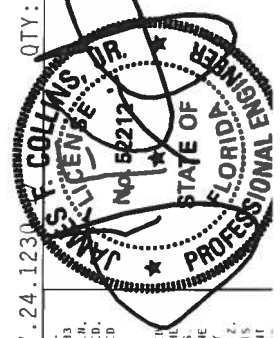
REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.



R=11 U-180 W=6.946"
(6.732" Effective Contact)
R=89 PLF U=40 PLF W=4 6-0
R=11 U-180 W=6.946"
(6.732" Effective Contact)

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

PLT TYP. Wave\R	QTY:1	FL/-5/-/-/R/-	Scale = .5"/Ft.
 Alpine Engineered Products, Inc. 1950 Marley Drive	TC LL	20.0 PSF	REF R215-- 17689
	TC DL	10.0 PSF	DATE 05/09/06
	BC DL	2.0 PSF	DRW HCUSR215 06129015
	BC LL	0.0 PSF	HC-ENG EC/WHK
	TOT.LD.	32.0 PSF	SEON- 120811
	DUR.FAC.	1.25	FROM CDM



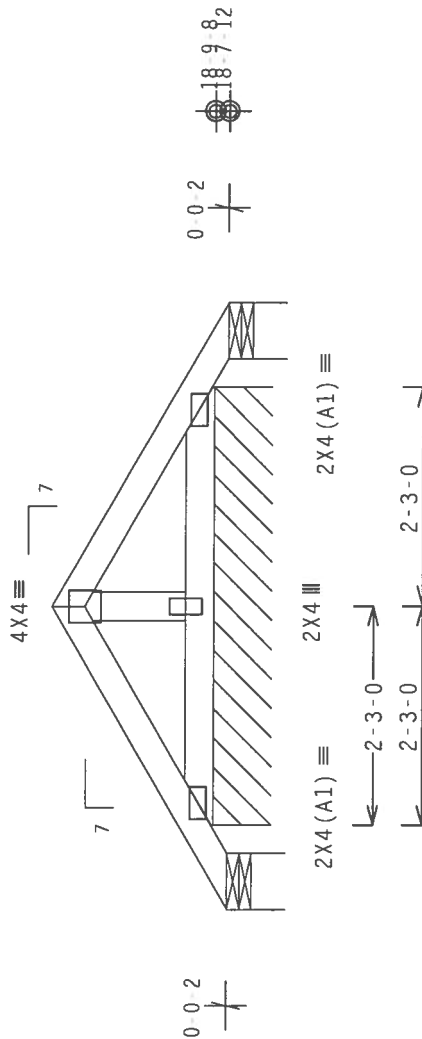
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 RIGID CEILING.

****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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. CONNECTOR PLATES ARE MADE OF 2018/16GA (4-10/16) ASH ALUMINUM GRAD 40000 PSI. ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS FOR 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

Plates sized for a minimum of 3.00 sq.in./piece.

REFER TO DRAWING PIGGYBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE
BRACED @ 24" O.C.

The overall height of this truss excluding overhang is 19'13".



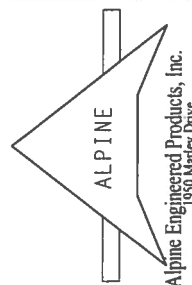
R=8 W=6.946"
(6.732" Effective Contact)

Design Crit: TPI-2002(STD)/FBC

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
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

Scale = .5" / Ft.

TC LL	20.0 PSF	REF R215 -	17690
TC DL	10.0 PSF	DATE	05/09/06
BC DL	2.0 PSF	DRW HCUR215	06129016
BC LL	0.0 PSF	HC-ENG EC/WHK	
TOT.LD.	32.0 PSF	SEQN -	120814
DUR.FAC.	1.25	FROM	CDM



Top chord	2x4	SP	#2	N
Bot chord	2x4	SP	#2	N
webs	2x4	SP	#2	N

110 mph wind, 18.45 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-1.2 psf.

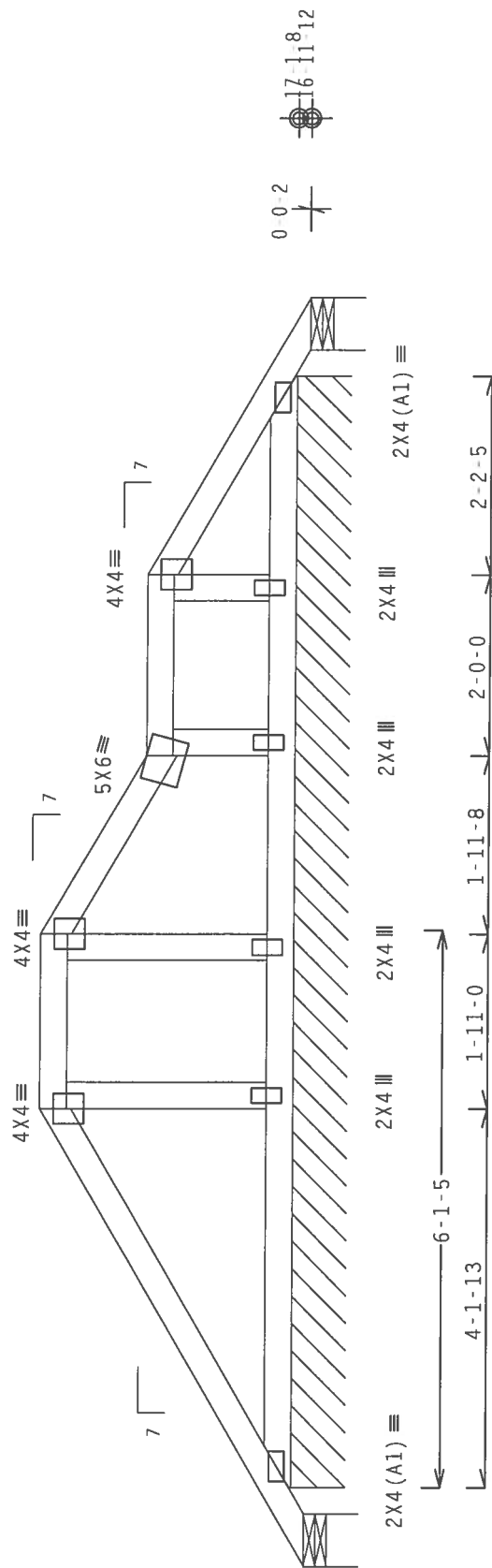
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 211.1.

REFER TO DRAWING PIGYBACK0204 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGYBACK TO BE
BRACED @ 24" O.C.



← 13-11-5 Over 3 Supports

R=61 U=180 W=6.946"

R-8 U=180 W=6.947"

(6.732" Effective Contact)

Design Crit: TPI-2002(STD)/FBC

FI-2002(316)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

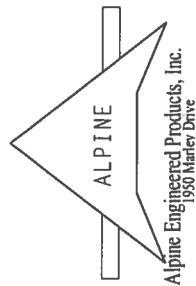
FL/-/5/-/-/R/-/-

Scale = .5" / Ft.

PLT TYP. Wave/R

WARNING: THUSSES REQUIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR INFORMATION. PUBLISHED BY TPI CORP. 10000 WILSON BLVD., 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 RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DRAWING FABRICATING SHALL BE THE RESPONSIBILITY OF THE INSTALLER. DESIGN IN CONFORMANCE WITH THE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND THE AISC CONNECTION PLATES ARE MADE OF 2018/1864 (M/H-25) ASTM A653 GRADE 40/50 (IN. K/H-51) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A & 160B. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMNIX 4 OF TPII 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT



TC LL	20.0 PSF	REF R215-- 17691
TC DL	10.0 PSF	DATE 05/09/06
BC DL	2.0 PSF	DRW HCUSR215 06129017
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	32.0 PSF	SEQN- 120817
DUR.FAC.	1.25	FROM CDM

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

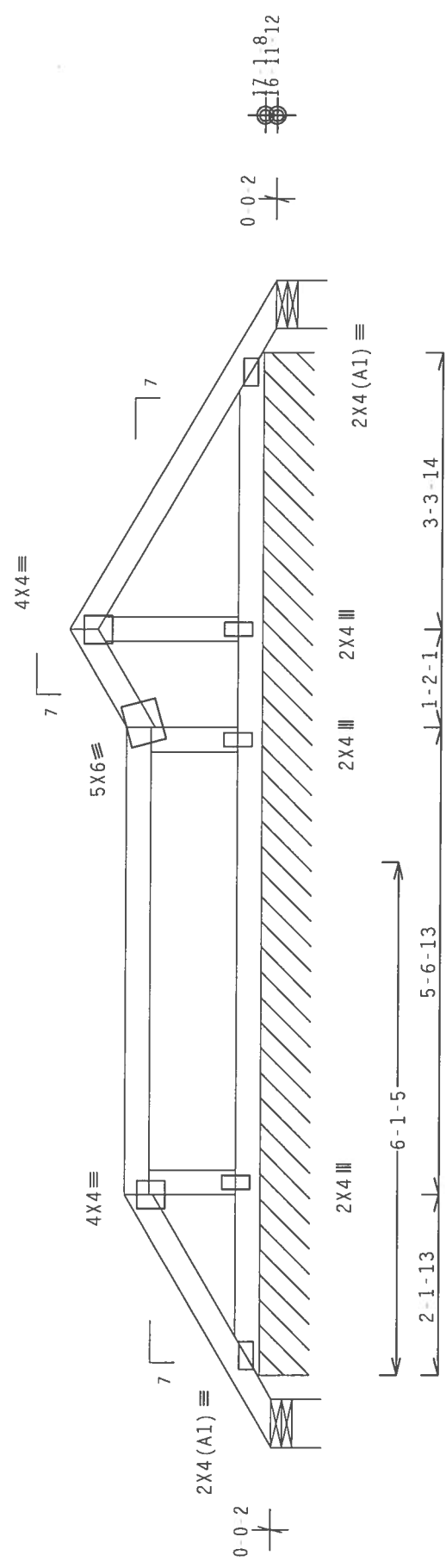
110 mph wind, 18.21 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 2-5-5.



R-34 U=180 W=6.946"
(6.732" Effective Contact)

R-73 PLF U=21 PLF W=12-2-9
(6.732" Effective Contact)

R-28 U=180 W=6.946"
(6.732" Effective Contact)

Design Crit: TPI-2002(STD)/FBC

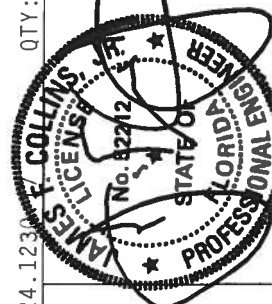
PLT TYP. Wave R

QTY:1

Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WCA (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 RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR STEEL CONSTRUCTION), AISC 360-10, AND AISC 360-16 (W/J/S/R) ASTM A563 GRADE 40/50 (W/J/S) GALV STEEL. THE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J/S/R) GALV STEEL. THE TRUSS SHALL BE ASSEMBLED AND ERECTED IN ACCORDANCE WITH THE INSTRUCTIONS PROVIDED WITH THE TRUSS. A SEAL ON THIS PLATE TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 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 END AND ASSUMING TO THE RESPONSIBILITY OF THE USER.



TC LL	20.0 PSF	REF R215-- 17692
TC DL	10.0 PSF	DATE 05/09/06
BC DL	2.0 PSF	DRW HCUSR215 06129018
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	32.0 PSF	SEQN- 120820
DUR.FAC.	1.25	FROM CDM

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 18.21 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

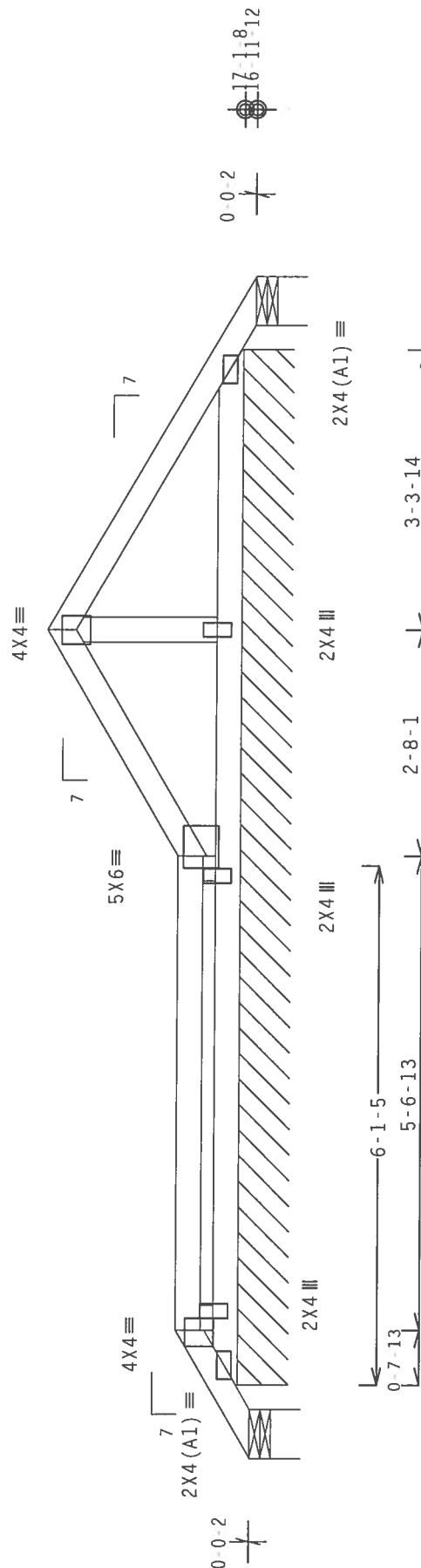
Plates sized for a minimum of 3.00 sq.in./piece.

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

The overall height of this truss excluding overhang is 2'-5".

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.



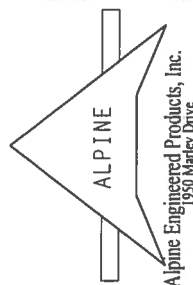
PLT TYP. Wave/R
R=4 U=180 W=6.946"
(6.732" Effective Contact)
R=76 PLF U=22 PLF W=12 2 9
(6.732" Effective Contact)
R=25 U=180 W=6.946"
(6.732" Effective Contact)
13-11-5 Over 3 Supports
Design Crit: TPI-2002 (STD) / FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12300

Scale = .5" / Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC01 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (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 RIGID CEILING.

****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, OR PROVIDING THE TRUSS TO THE INSTALLATION CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR PROVIDING THE TRUSS TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR PROVIDING THE TRUSS TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR PROVIDING THE TRUSS TO THE INSTALLATION CONTRACTOR.



TC LL	20.0 PSF	REF	R215--	17693
TC DL	10.0 PSF	DATE	05/09/06	
BC DL	2.0 PSF	DRW	HCUSR215	06129019
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	32.0 PSF	SEQN-	120823	REV
DUR.FAC.	1.25	FROM	CDM	

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

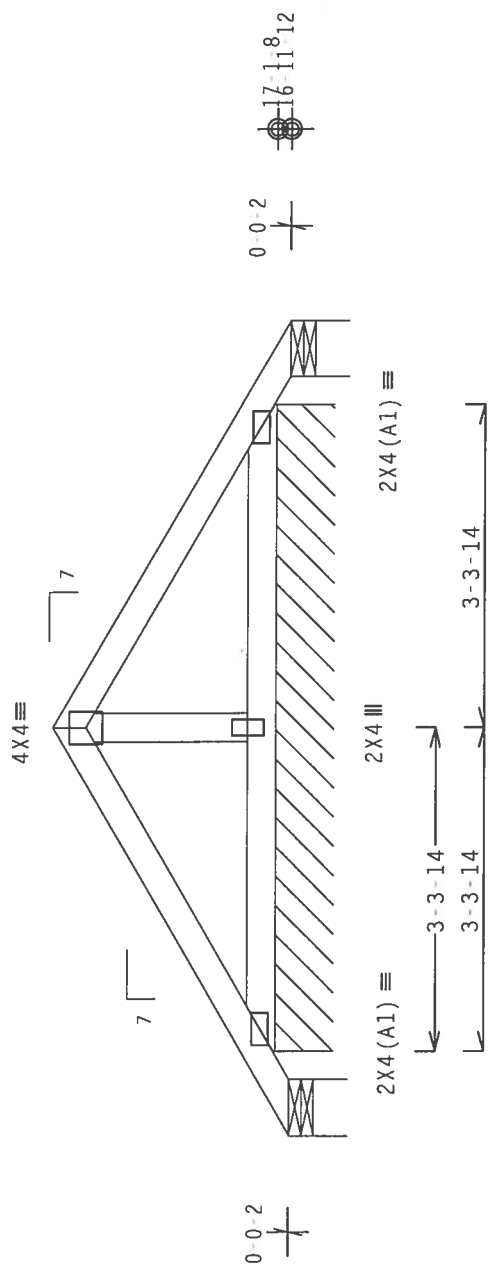
Plates sized for a minimum of 3.00 sq.in./piece.

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE
BRACED @ 24" O.C.

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

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

The overall height of this truss excluding overhang is 2'-5.5".

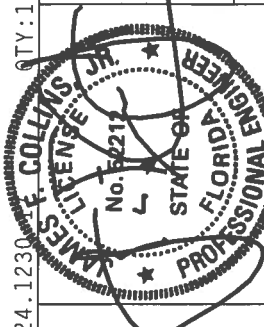


R=18 W=6.946"
(6.732" Effective Contact)

R=18 W=6.946"
(6.732" Effective Contact)

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

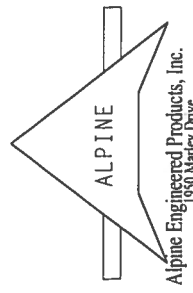
PLT TYP. Wave\ R



QTY: 1	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215 - 17694
TC DL	10.0 PSF	DATE 05/09/06
BC DL	2.0 PSF	DRW HCUSR215 06129020
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	32.0 PSF	SEQN - 120826
DUR.FAC.	1.25	FROM CDM

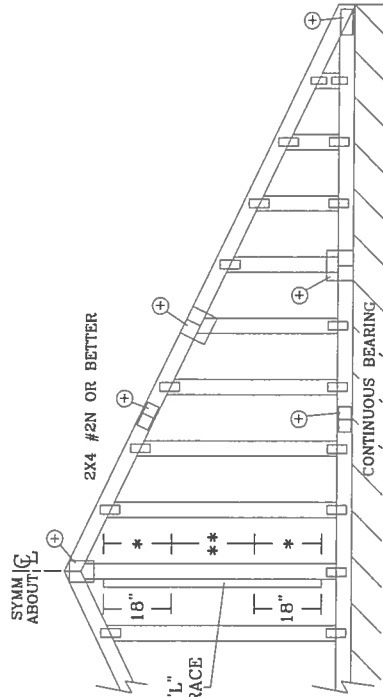
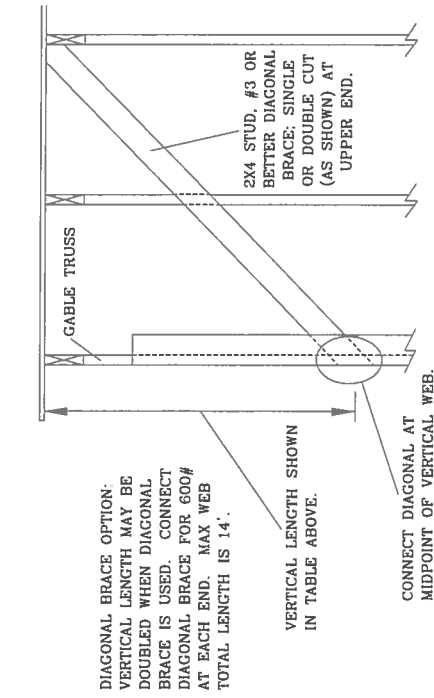
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC'S 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 RIGID CEILING.

****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 AIA/P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/T6GA (W11/5/3) ASTM A653 GRADE 40/60 (W. K/H. S) GALV. STEEL. APPLY PLATES TO EACH END OF ALL TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TGA 2. UNLESS SPECIFICALLY NOTED, ALL DIMENSIONS ARE IN FEET AND INCHES. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT.



ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH		2X4 GABLE VERTICAL		BRACE		NO BRACES		(1) 1X4 "L" BRACE *		(2) 2X4 "L" BRACE *		(1) 2X6 "L" BRACE **		(2) 2X6 "L" BRACE *		(1) 2X6 "L" BRACE **		(2) 2X6 "L" BRACE *	
		GABLE VERTICAL SPACING	SPECIES	GRADE	BRACE	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
12" O.C.	SPF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 5"	9' 5"	9' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
	HF	STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	9' 5"	9' 5"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"
	SP	STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	9' 1"	9' 1"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"
	DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	10' 2"	10' 2"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
16" O.C.	SP	#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	10' 2"	10' 2"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
	HF	STUD	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	9' 11"	9' 11"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
	SP	STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	9' 4"	9' 4"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"
	DFL	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	11' 1"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
24" O.C.	SP	STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	10' 10"	10' 10"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	11' 8"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	11' 8"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
32" O.C.	SP	#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	11' 4"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	11' 4"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	11' 1"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1 / #2	4' 11"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
40" O.C.	SP	#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	11' 11"	11' 11"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	12' 10"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
48" O.C.	SP	#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	12' 10"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	12' 10"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	12' 6"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	12' 6"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
56" O.C.	SP	STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	STUD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	12' 3"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:		GROUP B:	
SPRUCE-PINE-FIR	HEM-FIR	SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	#2	#1 / #2	#2
STANDARD	STUD	STANDARD	STUD
#3	#3	#3	#3

DOUGLAS FIR-LARCH

STUD	STANDARD
#3	#3

SOUTHERN PINE

STUD	STANDARD
#3	#3

DOUGLAS FIR-LARCH

STUD	STANDARD
#1	#1

SOUTHERN PINE

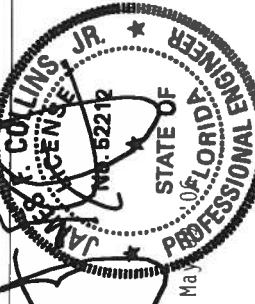
STUD	STANDARD
#1	#1

GABLE TRUSS DETAIL NOTES:

- LIVE LOAD DEFLECTION CRITERIA IS L/240.
- PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).
- GABLE END SUPPORTS LOAD FROM 4' 0"
- OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
- ATTACH EACH "L" BRACE WITH 10d NAILS.
- * FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
- ** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
- "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 DUNDRIFF DR., SUITE 200, MADISON, WI 53719) AND VTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO 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 2018/16GA (W/H/3X) ASTM A653 GRADE 50/60 (W/H/3X) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY 60# W/H/3X GALV. STEEL BRACING (16GA-2). ANY INSPECTION OF PLATES FOLLOWED BY CD SHALL BE PER ANNEX A3 OF TPI 2003 SPECIFICATIONS. THE ACCEPTANCE OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPONENTS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. SEE ALSO TPI 2003 SPECIFICATIONS.

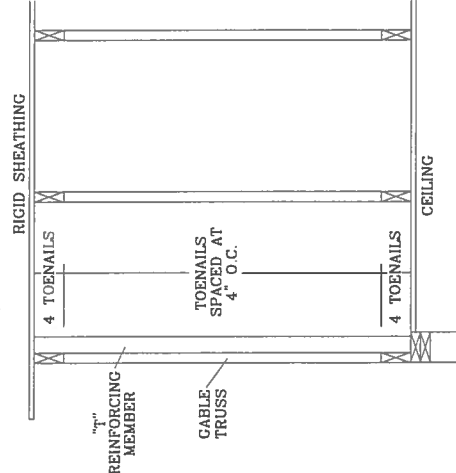
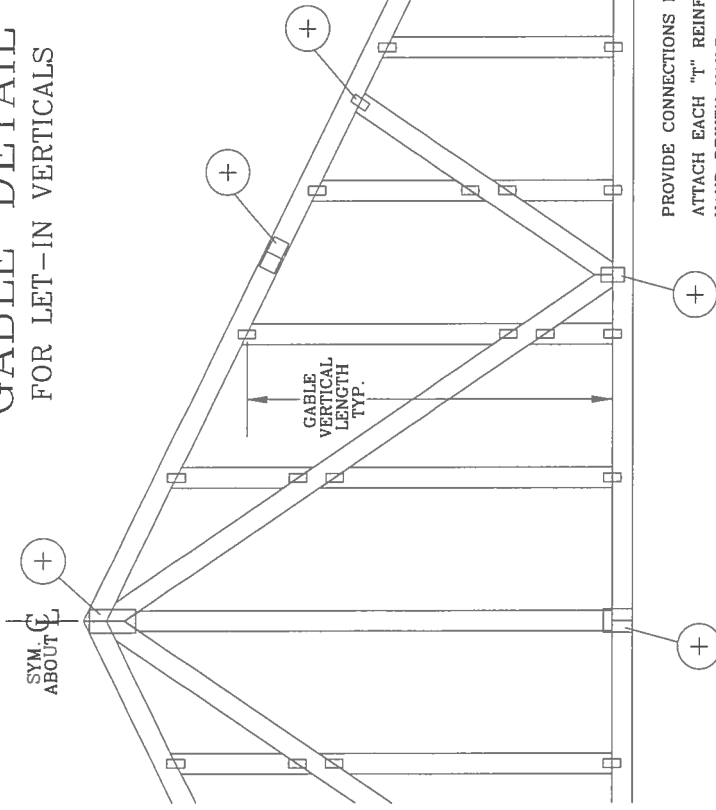
ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPAHO BEACH, FLORIDA

REF	ASCE7-02-GAB11015
DATE	04/15/05
DRWG	A11015EE0405
- ENG	

MAX. TOT. LD. 60 PSF

GABLE DETAIL FOR LET-IN VERTICALS



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

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

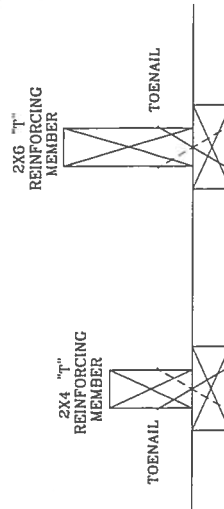
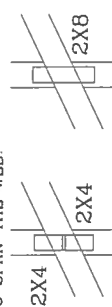
- ASCE 7-93 GABLE DETAIL DRAWINGS
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 A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
 ASCE 7-98 GABLE DETAIL DRAWINGS
 A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
 A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
 ASCE 7-02 GABLE DETAIL DRAWINGS
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 A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH BETWEEN CHORDS	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2X4
	2.5X4
	2.5X8

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE: 2X4 2X8



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
110 MPH	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
110 MPH	2x6	50 %	50 %
110 MPH	2x4	10 %	10 %
110 MPH	2x6	30 %	50 %
110 MPH	2x4	10 %	10 %
110 MPH	2x6	40 %	40 %
110 MPH	2x4	20 %	10 %
110 MPH	2x6	20 %	40 %
110 MPH	2x4	10 %	10 %
110 MPH	2x6	30 %	50 %
110 MPH	2x4	10 %	10 %
110 MPH	2x6	20 %	20 %
110 MPH	2x4	20 %	30 %
110 MPH	2x6	20 %	40 %
110 MPH	2x4	0 %	20 %
110 MPH	2x6	0 %	20 %
110 MPH	2x4	10 %	20 %
110 MPH	2x6	10 %	30 %

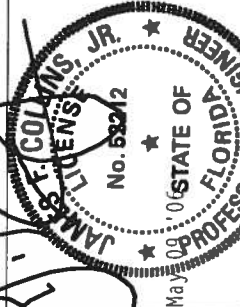
EXAMPLE:

ASCE WIND SPEED = 100 MPH
 MEAN ROOF HEIGHT = 30 FT
 GABLE VERTICAL = 24" O.C. SP #3
 "T" REINFORCING MEMBER SIZE = 2X4
 "T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
 (1) 2X4 "L" BRACE LENGTH = 6' 7"
 MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
 1.10 x 6' 7" = 7' 3"

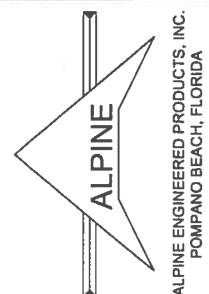
THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS COMPANY, 10000 W. 13TH AVENUE, SUITE 100, DENVER, CO 80231, FOR TRUSS SAFETY INFORMATION. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR WOOD CONSTRUCTION) AND ALL APPLICABLE CODES. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE TRUSS SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE RIGID CEILING.



REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLETTIN0405
-ENG	DLJ/KAR



MAX TOT. LD. 60 PSF
 DUR. FAC. ANY

CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

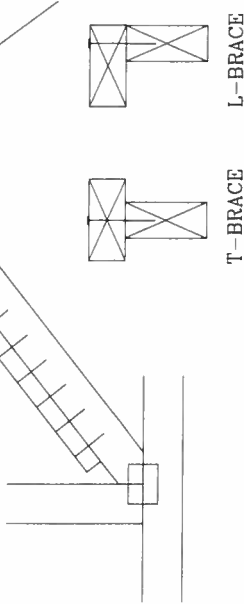
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

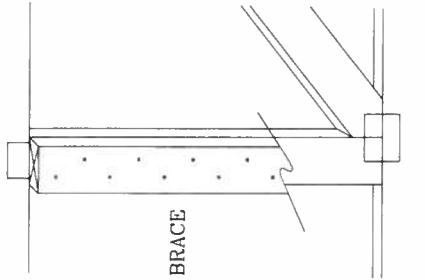
T-BRACING
OR
L-BRACING:

APPLY TO EITHER SIDE OF WEB
NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB
MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN
NAILS AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST OF BUILDING COMPONENTS, INC. PUBLISHED BUILDING TRUSS CONSTRUCTION OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719 AND VTC'S TRUSS CONSTRUCTION FOR THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING 579.640

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.	PSF		

2X4 GABLE VERTICAL SPACING SPECIES		BRACE		(1) 1X4 "L" BRACE •			(1) 2X4 "L" BRACE •			(2) 2X4 "L" BRACE ••			(1) 2X6 "L" BRACE •			(2) 2X6 "L" BRACE •			
		GRADE	NO BRACES	GROUP A		GROUP B		GROUP A		GROUP B		GROUP A		GROUP B		GROUP A		GROUP B	
				5' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"						
12" O.C.	SPFH	#3	3' 4"	5' 10"	6' 0"	6' 11"	7' 1"	8' 3"	8' 6"	10' 10"	11' 2"	12' 11"	13' 3"						
			3' 3"	4' 11"	4' 11"	6' 6"	6' 6"	8' 3"	8' 3"	10' 1"	12' 11"	12' 11"							
			STUD	4' 11"	4' 11"	6' 5"	8' 3"	8' 3"	10' 0"	12' 11"	12' 11"								
	HF	STANDARD	3' 3"	4' 2"	4' 2"	5' 6"	5' 6"	7' 5"	7' 5"	8' 8"	8' 8"	11' 8"	11' 8"						
			3' 8"	5' 10"	6' 3"	6' 11"	7' 5"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"							
			#1	3' 7"	5' 10"	6' 3"	6' 11"	7' 5"	8' 11"	10' 10"	11' 8"	12' 11"	13' 11"						
	SP	#2	3' 6"	5' 0"	5' 0"	6' 8"	6' 8"	8' 8"	8' 8"	10' 4"	12' 11"	13' 7"							
			STUD	5' 0"	5' 0"	6' 7"	6' 7"	8' 3"	8' 3"	10' 3"	12' 11"	13' 7"							
			STANDARD	3' 4"	4' 3"	4' 3"	5' 8"	5' 8"	7' 8"	7' 8"	8' 10"	12' 0"	12' 0"						
	DFL	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 5"	12' 5"	12' 9"	14' 0"	14' 0"						
			#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"					
			STUD	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"	14' 0"					
16" O.C.	SPFH	STANDARD	3' 9"	5' 2"	5' 2"	6' 10"	6' 10"	9' 2"	9' 2"	10' 7"	14' 0"	14' 0"							
			#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"					
			#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"					
	SP	#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 2"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"						
			STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"					
			STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"						
	DFL	#1 / #2	4' 3"	7' 4"	7' 7"	8' 9"	8' 11"	10' 5"	13' 8"	14' 0"	14' 0"	14' 0"							
			#3	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 8"	13' 8"	14' 0"	14' 0"					
			STUD	4' 2"	6' 11"	6' 11"	8' 9"	8' 9"	10' 5"	10' 5"	13' 8"	13' 8"	14' 0"	14' 0"					
	SP	STANDARD	4' 2"	5' 11"	5' 11"	7' 10"	7' 10"	10' 5"	10' 5"	11' 2"	12' 3"	14' 0"	14' 0"						
			#1	4' 8"	7' 4"	7' 11"	8' 9"	9' 5"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"						
			#2	4' 7"	7' 4"	7' 11"	8' 9"	9' 5"	11' 2"	13' 8"	14' 0"	14' 0"	14' 0"						
DFL	#3	4' 4"	7' 2"	7' 2"	8' 9"	9' 2"	10' 5"	10' 11"	13' 8"	14' 0"	14' 0"	14' 0"							
		STUD	4' 4"	7' 1"	7' 1"	8' 9"	9' 2"	10' 5"	10' 11"	13' 8"	14' 0"	14' 0"	14' 0"						
		STANDARD	4' 3"	6' 1"	6' 1"	8' 0"	8' 0"	10' 5"	10' 8"	12' 6"	14' 0"	14' 0"							

GABLE TRUSS DETAIL NOTES:
LIVE LOAD DEFLECTION CRITERIA IS L/240.
PROVIDE UPLIFT CONNECTIONS FOR 135 PLF OVER
CONTINUOUS BEARING (5 PSF TC DEAD LOAD)

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

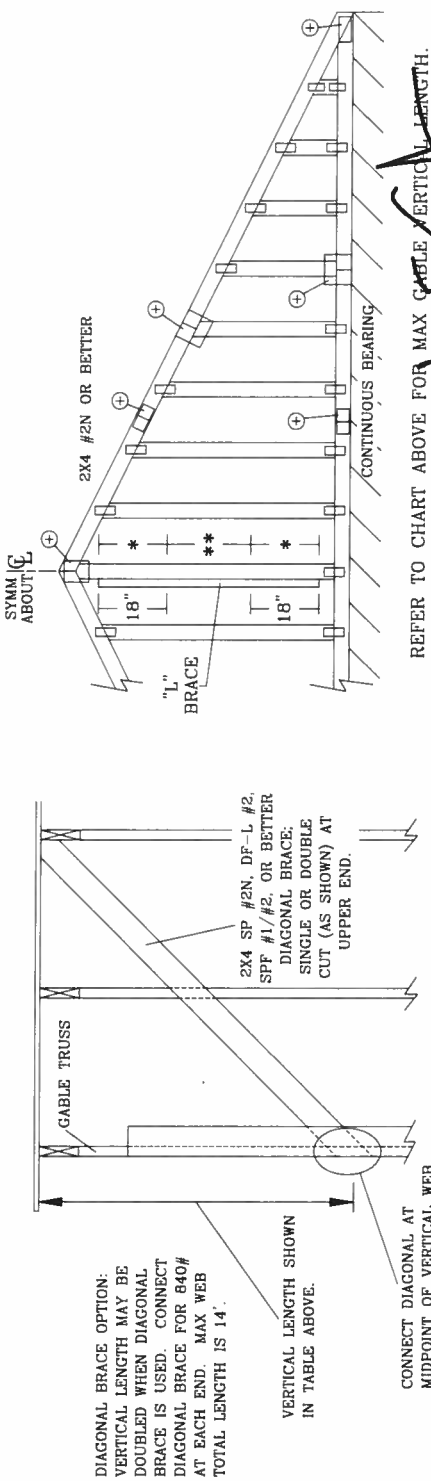
** FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEIR MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

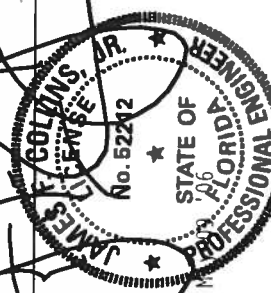
+ REFER TO COMMON TRUSS DESIGN FOR
PEAK, SPLICE, AND HEEL PLATES.



THIS DRAWING REPLACES DRAWING A11015E

REF	ASCE-GABI1015
DATE	11/26/03
DRWG	A11015EN1103
-ENG	

MAX. TOT. LD. 60 PSF



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO RD., SUITE 200, MADISON, WI 53719) AND VICA (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 RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ALPINE ENGINEERED 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 APCA AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA U.S./NATL ASTM A563 GRADE 40/60 (A36/50) 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 PRECEDED BY A DESIGN REVIEW. (2) A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN. (3) A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF SUSTAINABILITY AND USE OF GREEN BUILDING PRACTICES FOR THE TRUSS COMPONENT DESIGN SHOWN. THE



BEARING BLOCK NAIL SPACING DETAIL

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"x2.5")	3	6	9	12	15
10d BOX (0.128"x3")	3	5	7	10	12
12d BOX (0.128"x3.25")	3	5	7	10	12
16d BOX (0.135"x3.5")	3	5	7	10	12
20d BOX (0.148"x4")	2	4	5	6	8
8d COMMON (0.131"x2.5")	3	5	7	10	12
10d COMMON (0.148"x3")	2	4	6	8	10
12d COMMON (0.148"x3.25")	2	4	6	8	10
16d COMMON (0.162"x3.5")	2	4	6	8	10
0.120"x2.5" GUN	3	6	8	11	14
0.131"x2.5" GUN	3	5	7	10	12
0.120"x3.0" GUN	3	6	8	11	14
0.131"x3.0" GUN	3	5	7	10	12

MINIMUM NAIL SPACING DISTANCES

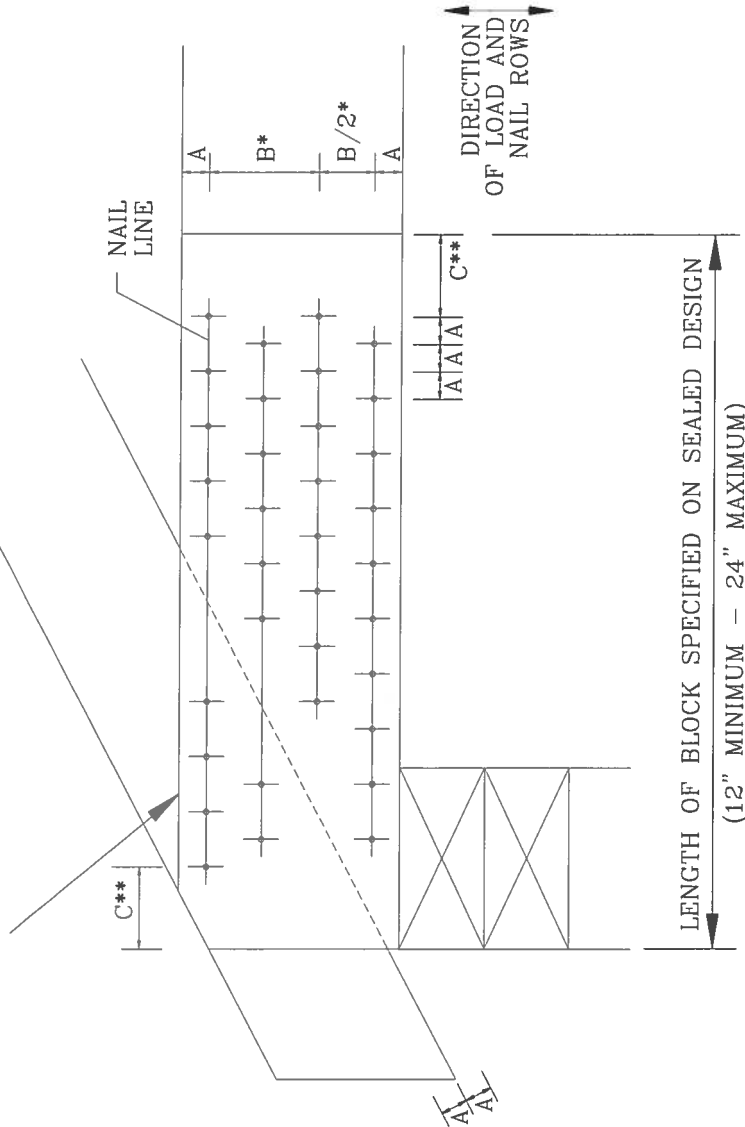
NAIL TYPE	DISTANCES		
	A	B*	C**
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"x3")	7/8"	1 5/8"	2"
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"x3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"x3.5")	1"	2"	2 1/2"
0.120"x2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"x2.5" GUN	7/8"	1 5/8"	2"
0.120"x3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	2"

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
- C - END DISTANCE (15 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
 * SPACING MAY BE REDUCED BY 50%
 ** SPACING MAY BE REDUCED BY 33%

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (F_c -perp) IS AT LEAST THAT OF THE CHORD.



THIS DRAWING REPLACES DRAWING B139 AND CNBRGLK0699

REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGLK1103
-ENG	SJP/KAR

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. SEE SPECIFICATIONS FOR BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PRODUCTIONS, INC.), 10000 W. 11TH AVE., SUITE 100, DENVER, CO 80231. FOR SAFETY PRACTICES PRIOR TO BEGINNING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO 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, FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR WOOD CONSTRUCTION), 2005 EDITION, AND ALL APPLICABLE CODES AND REGULATIONS. UNLESS OTHERWISE INDICATED, TRUSSES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) GALV. STEEL. CONCEPTS ARE NOT TO BE USED FOR OTHER PURPOSES. THE DESIGN POSITION PER DRAWING 1600A-Z. ANY INSPECTION OF THIS DESIGN SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE CONTRACTOR AND USER OF THIS COMPONENT FOR ANY OTHER PURPOSE IS NOT THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER.

