

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 (863) 422-8685
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID: 1SEH487-Z0114133109

Truss Fabricator: Anderson Truss Company
Job Identification: 294-CARMEN FAVORITO (294|-CARMEN FAVORITO)
Truss Count: 89
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Versions 6.33.0716.23, 7.02.0527.10.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE-98 -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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Seal Date: 07/14/2004

-Truss Design Engineer-

Nawaf Esayed

Florida License Number: 58604

1950 Marley Drive

Haines City, FL 33844

Details: BRCLBSUB-CNBRGBLK

#	Ref	Description	Drawing#	Date
1	36620--A		04196002	07/14/04
2	36621--H7AT		04196003	07/14/04
3	36622--H9AT		04196004	07/14/04
4	36623--H11AT		04196005	07/14/04
5	36624--H13AT		04196006	07/14/04
6	36625--H15AT		04196007	07/14/04
7	36626--H17AT		04196008	07/14/04
8	36627--H7B		04196009	07/14/04
9	36628--H9B		04196010	07/14/04
10	36629--H11B		04196011	07/14/04
11	36630--H13B		04196012	07/14/04
12	36631--H15B		04196013	07/14/04
13	36632--H17B		04196014	07/14/04
14	36633--B		04196015	07/14/04
15	36634--BS1		04196016	07/14/04
16	36635--BS2		04196017	07/14/04
17	36636--BG		04196018	07/14/04
18	36637--BC1		04196019	07/14/04
19	36638--BC2		04196020	07/14/04
20	36639--BC3		04196021	07/14/04
21	36640--BC4		04196022	07/14/04
22	36641--BCS		04196023	07/14/04
23	36642--H68C		04196024	07/14/04
24	36643--H88C		04196025	07/14/04
25	36644--C2		04196026	07/14/04
26	36645--C1		04196027	07/14/04
27	36646--C3		04196028	07/14/04
28	36647--C4		04196029	07/14/04
29	36648--H108C		04196030	07/14/04
30	36649--C-1		04196031	07/14/04
31	36650--H7D		04196032	07/14/04
32	36651--H9D		04196033	07/14/04
33	36652--D		04196034	07/14/04
34	36653--DS		04196035	07/14/04
35	36654--D1		04196036	07/14/04
36	36655--D2		04196037	07/14/04
37	36656--DG		04196038	07/14/04
38	36657--DH1		04196039	07/14/04

#	Ref	Description	Drawing#	Date
39	36658--DH2		04196040	07/14/04
40	36659--DH3		04196041	07/14/04
41	36660--EG		04196042	07/14/04
42	36661--E		04196044	07/14/04
43	36662--F7F		04196045	07/14/04
44	36663--F		04196046	07/14/04
45	36664--F9F		04196047	07/14/04
46	36665--F11F		04196048	07/14/04
47	36666--F13F		04196049	07/14/04
48	36667--HS19F		04196050	07/14/04
49	36668--HS21F		04196051	07/14/04
50	36669--HS23F		04196052	07/14/04
51	36670--H5G		04196053	07/14/04
52	36671--H7G		04196054	07/14/04
53	36672--H7H		04196057	07/14/04
54	36673--H8H		04196058	07/14/04
55	36674--H10H		04196059	07/14/04
56	36675--H		04196060	07/14/04
57	36676--ET7		04196061	07/14/04
58	36677--CJ5		04196062	07/14/04
59	36678--HJ7		04196063	07/14/04
60	36679--CJ3		04196064	07/14/04
61	36680--CJ1		04196065	07/14/04
62	36681--HJ3		04196066	07/14/04
63	36682--EJ68		04196067	07/14/04
64	36683--CJB		04196068	07/14/04
65	36684--HJB		04196069	07/14/04
66	36685--CJC		04196070	07/14/04
67	36686--HJC		04196071	07/14/04
68	36687--H68		04196072	07/14/04
69	36688--EJ7C		04196073	07/14/04
70	36689--CJ5C		04196074	07/14/04
71	36690--H7C		04196056	07/14/04
72	36691--CJ3C		04196075	07/14/04
73	36692--HJ5S		04196076	07/14/04
74	36693--CJ1C		04196077	07/14/04
75	36694--CJ3S		04196078	07/14/04
76	36695--EJ6G		04196043	07/14/04

#	Ref	Description	Drawing#	Date
77	36696--HJ5C		04196079	07/14/04
78	36697--EJ7A		04196080	07/14/04
79	36698--EJ7T		04196081	07/14/04
80	36699--EJ7T1		04196082	07/14/04
81	36700--EJ7T2		04196083	07/14/04
82	36701--EJ7G		04196055	07/14/04
83	36702--EJ7G1		04196085	07/14/04
84	36703--CJ1S		04196086	07/14/04
85	36704--H3K		04196084	07/14/04
86	36705--K		04196087	07/14/04
87	36706--H5L		04196088	07/14/04
88	36707--L		04196089	07/14/04
89	36708--LS		04196090	07/14/04



(294- CARMEN FAVORITO - H9AT)

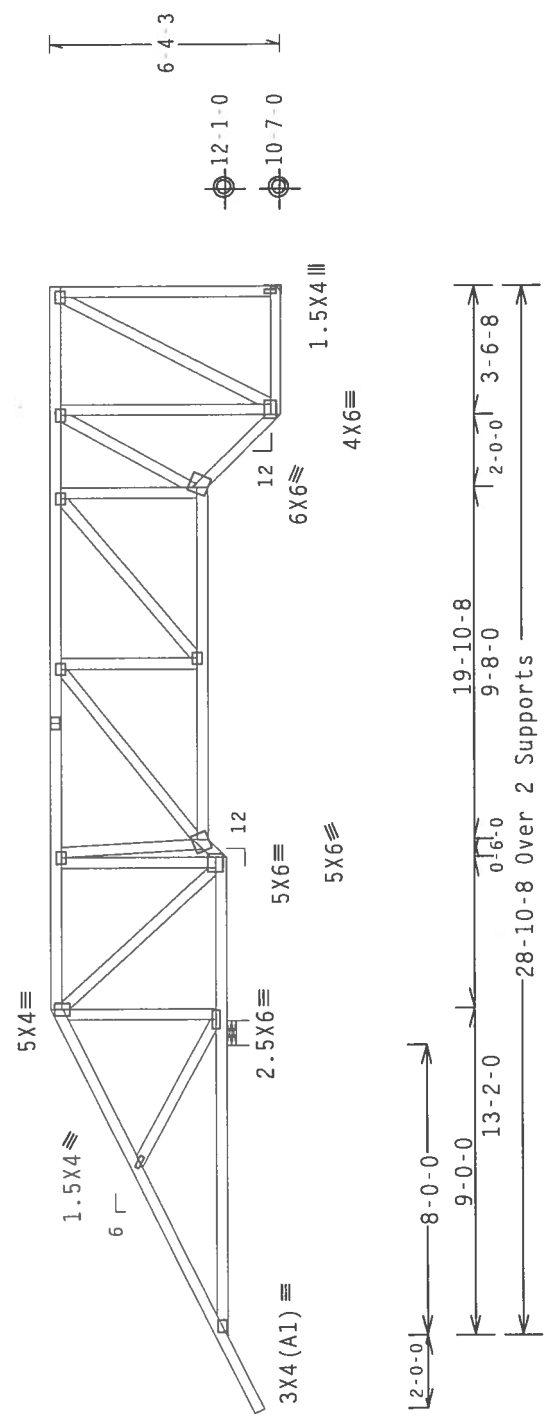
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

1 = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 14.15 ft mean hgt, ASCE 7-98, 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.

Right end vertical not exposed to wind pressure.

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



R-626 U=199 H=Simpson LU26
0.148"x1.5" nails in Truss
0.148"x3.0" nails in Girder
min. So. Pine

Scale = .1875" / Ft.

Note: All Plates Are 3x4 Except As Shown.

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC			6.3	FL/-4/-/R/-		Scale = .1875" / Ft.	
	TPI-1995(STD)/FBC			6.3	0.148"x1.5" nails in Truss		REF R487 - - 36622	
	TPI-1995(STD)/FBC			6.3	0.148"x3.0" nails in Girder		DATE 07/14/04	
	TPI-1995(STD)/FBC			6.3	min. So. Pine		DRW HCUSR487 04196004	
	TPI-1995(STD)/FBC			6.3	min. So. Pine		HC-ENG TCE/NE	
	TPI-1995(STD)/FBC			6.3	min. So. Pine		SEQN- 93125	
		TPI-1995(STD)/FBC			6.3	min. So. Pine		DUR.FAC. 1.25
		TPI-1995(STD)/FBC			6.3	min. So. Pine		SPACING 24.0"
		TPI-1995(STD)/FBC			6.3	min. So. Pine		JREF- 1SEH487 Z01
		TPI-1995(STD)/FBC			6.3	min. So. Pine		

ALPINE

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

QUALIFICATION:

No. 58604

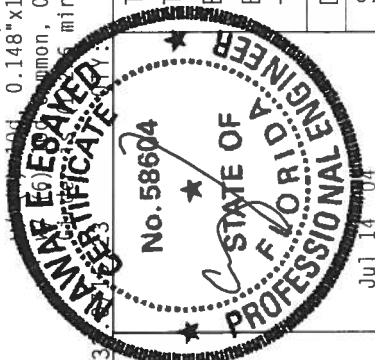
STATE OF FLORIDA

PROFESSIONAL ENGINEER

July 14, 2004

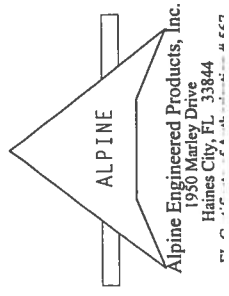
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 D'AMORIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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 THERMALLY 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND AISC STEEL CONNECTION PLATES ARE MODELS 2010/1000S (NATIONAL DESIGN SPEC. BY AISC) AND AISC STEEL APPLY THE FOLLOWING: 1. ALL TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THIS DESIGN. POSITION PER DRAWINGS TEGA 2. ALL TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THIS DESIGN. POSITION PER DRAWINGS TEGA 2. ALL TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THIS DESIGN. POSITION PER DRAWINGS TEGA 2. ALL TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THIS DESIGN. POSITION PER DRAWINGS TEGA 2. ALL TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THIS DESIGN. POSITION PER DRAWINGS TEGA 2. 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****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, 903 D'AMORETTO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6000 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. PROVIDE A COPY OF THIS DESIGN TO THE MANUFACTURER. ANY DEVIATION FROM THIS DESIGN, WITHOUT THE WRITTEN CONSENT OF THE DESIGNER, IS THE RESPONSIBILITY OF THE INSTALLER. TRUSSES IN CONFORMANCE WITH TPI DESIGN SHALL BE RESPONSIBLE FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
	Webs	2x4	SP #3

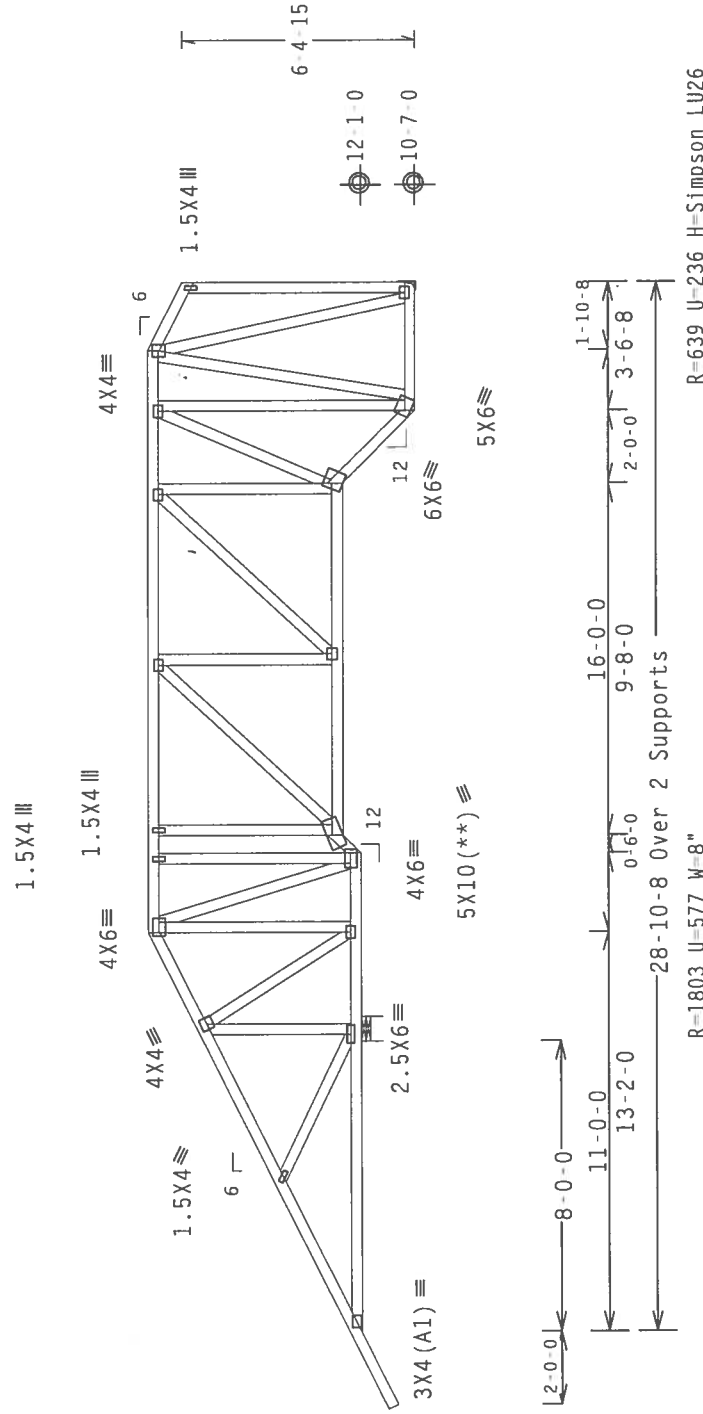
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 14.65 ft mean hgt, ASCE 7-98, 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

Right end vertical not exposed to wind pressure.

+ = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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



Note: All Plates Are 3X4 Except As Shown.

PIT TYP Wave TPI

Design Crit: TPI-1995(STD)/FBC

3.

FL/-/4/-/-/R/-

Scale = .1875"/Ft.

*WARNING** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. DO NOT CUT OR REMOVE ANY PART OF THE TRUSS JOINTS. PUBLISHED BY THE TRUSS INSTITUTE, 503 S. GILBERT ST., MILWAUKEE, WIS. 53210. © 1980, MADISON, WI 53719. AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE DR., MADISON, WI 53719) TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD GELING.

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 IN CONFORMANCE WITH TP11 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC. BY AISC) AND ALPINE TRUSS COMPANY'S TRUSS DESIGN SPECIFICATIONS. THE TRUSS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TRUSS PLAN 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 ANNEK A3 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE RESPONSIBILITY OF THE DRAWING ENGINEER. THE SHIPMENT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING ENGINEER. DESIGNATION: TP11-2002 SEC.3

ALPINE

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

Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

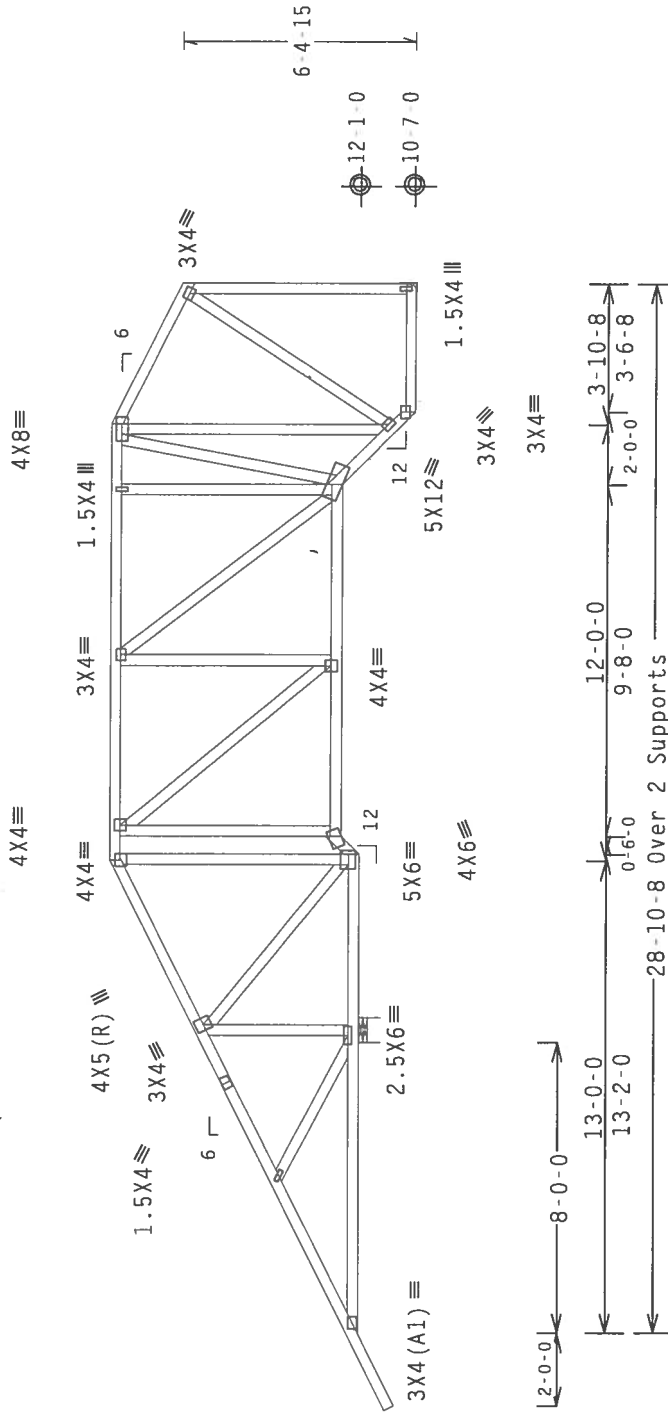
Calculated horizontal deflection is 0.14" due to live load and 0.14" due to dead load.

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

110 mph wind, 15.15 ft mean hgt, ASCE 7-98, 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.

Right end vertical not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

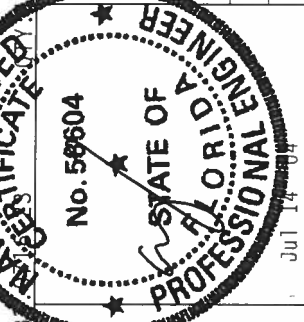


R-639 U=197 H-Simpson LU26

0.148"x1.5" nails in Truss
Common, 0.148"x3.0" nails in Girder
min. So.Pine

Scale = .1875" / Ft.

TC LL	20.0 PSF	REF	R487 -- 36624
TC DL	10.0 PSF	DATE	07/14/04
BC DL	10.0 PSF	DRW	HCUSR487 04196006
BC LL	0.0 PSF	HC-ENG	TCE/NE
TOT.LD.	40.0 PSF	SEQN-	93134
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SEH487_Z01



Design Crit: TPI 1995 (STD)/FBC 6.3

FL TYP. Wave TPI

ALPINE

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

FL Certificate of Authorization # 567

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, 503 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 TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER'S DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD TRUSSES. CORRECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/2X) ASTM A653 GRADE 40/60 (W/1/1S) 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 TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

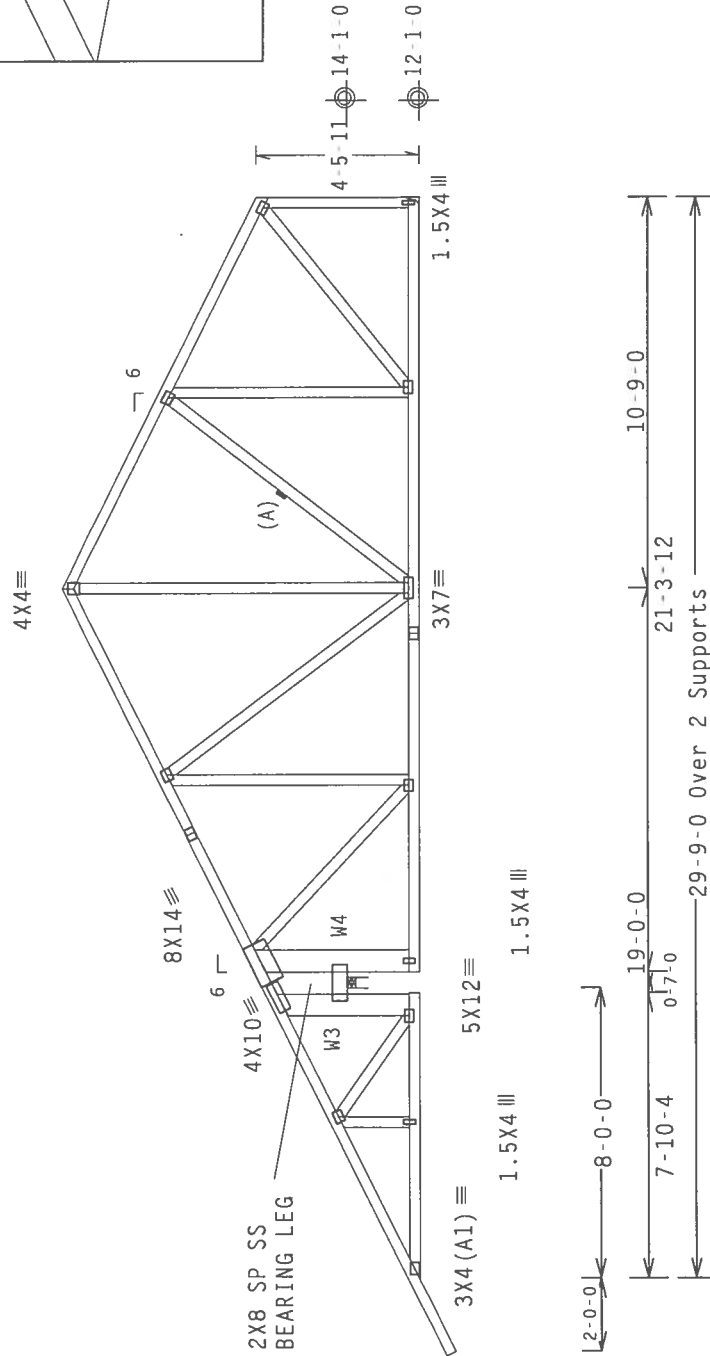
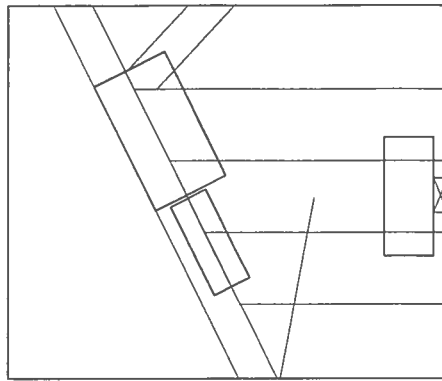
110 mph wind, 16.65 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

† = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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



R-685 U-231 H=Simpson LU26
W/ (A) 10d, 0.148"x1.5" nails in Truss
E/ ES416 Common, 0.148"x3.0" nails in Girder
S/ ES416 12X6 min. So. Pine

Scale = 1875"/ft

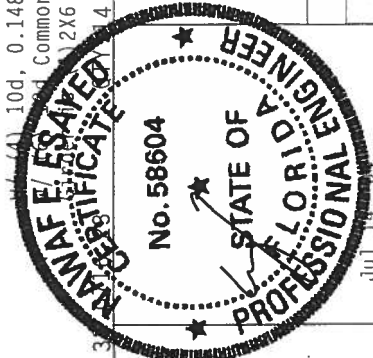
Note: All Plates Are 3X4 Except As Shown.

FL/-/4/-/-/R/-		Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R487 -- 36620
TC DL	10.0 PSF	DATE 07/14/04
BC DL	10.0 PSF	DRW HCUSR487 04196002
BC LL	0.0 PSF	HC-ENG TCE/NE
TOT.LD.	40.0 PSF	SEQN- 93176
DUR.FAC.	1.25	
SPACING	24 0"	JREF- 1SEH487 701

Design Crit: TPI-1995(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS APPLIED INSTITUTE, 583 O'DONNELL 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 ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THESE PROVISIONS WILL BE AT THE RISK AND LIABILITY OF THE CLIENT.
THE TRUSS IS COMPLIANT WITH THE FOLLOWING AMERICAN NATIONAL STANDARD SPECIFICATIONS:
CONNECTION PLATES ARE MADE OF 2018T1/16GA. OR W/5/PT ASTM A575 GRADE 40/50 (W/ 4/15) GALV STEEL APPLIED TO EACH FACE OF TRUSS AND OTHER OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANHX AZ OF TPI-2002 SEC-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI-1 SEC.-2.



1REF- 1SFH487 701

(294 - CARMEN FAVORITO - H7AT)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense:
Bot chord 2x4 SP #2 Dense :B1 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:
W3 2x6 SP #2:

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

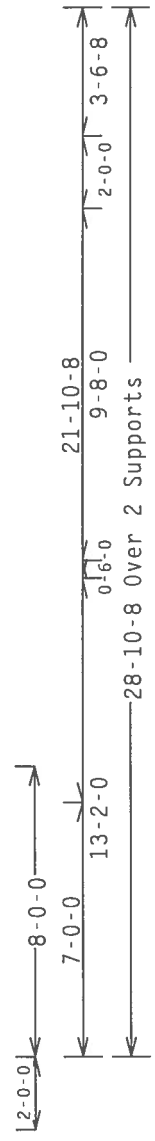
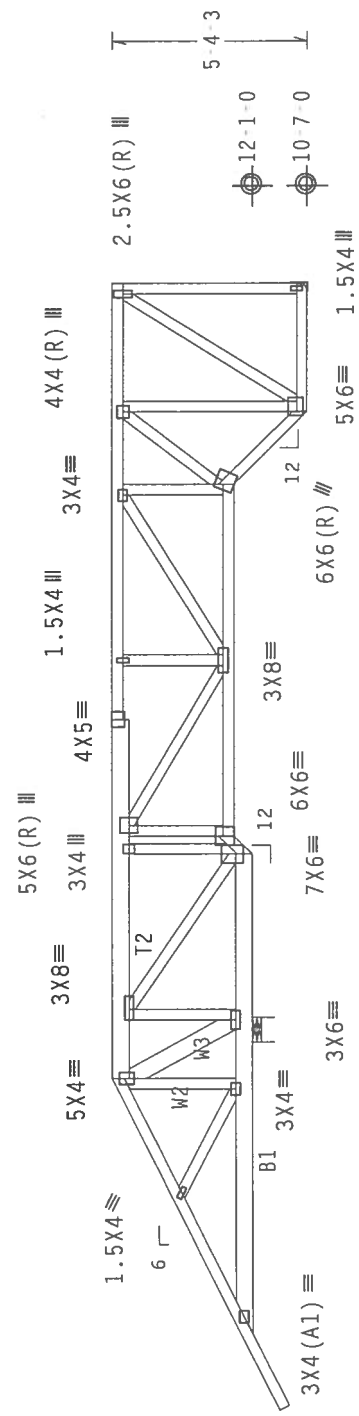
Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-1-9 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-1-9 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

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

Right end vertical not exposed to wind pressure.

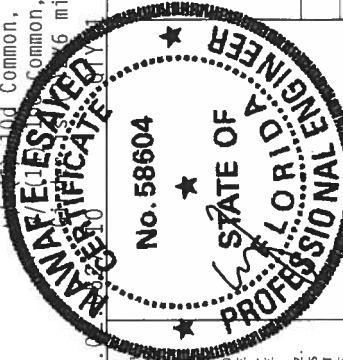
#1 hip supports 7-0-0 jacks with no webs.

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



R=1412 U-234 H-Simpson HUS26
Common, 0.148"x3.0" nails in Truss
Common, 0.148"x3.0" nails in Girder
Common, 0.148"x3.0" nails in Joist
Common, 0.148"x3.0" nails in So.Pine

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC		Scale = .1875" / Ft.	
	TC LL	20.0 PSF	REF	R487 -- 36621
	TC DL	10.0 PSF	DATE	07/14/04
	BC DL	10.0 PSF	DRW	HCUSR487 04196003
	BC LL	0.0 PSF	HC-ENG	TCE/NE
	TOT.LD.	40.0 PSF	SEQN-	34545 REV
DUR.FAC.			1.25	
SPACING			SEE ABOVE	JREF- 1SEH487_Z01



****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, 58 DUNDRIE DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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.

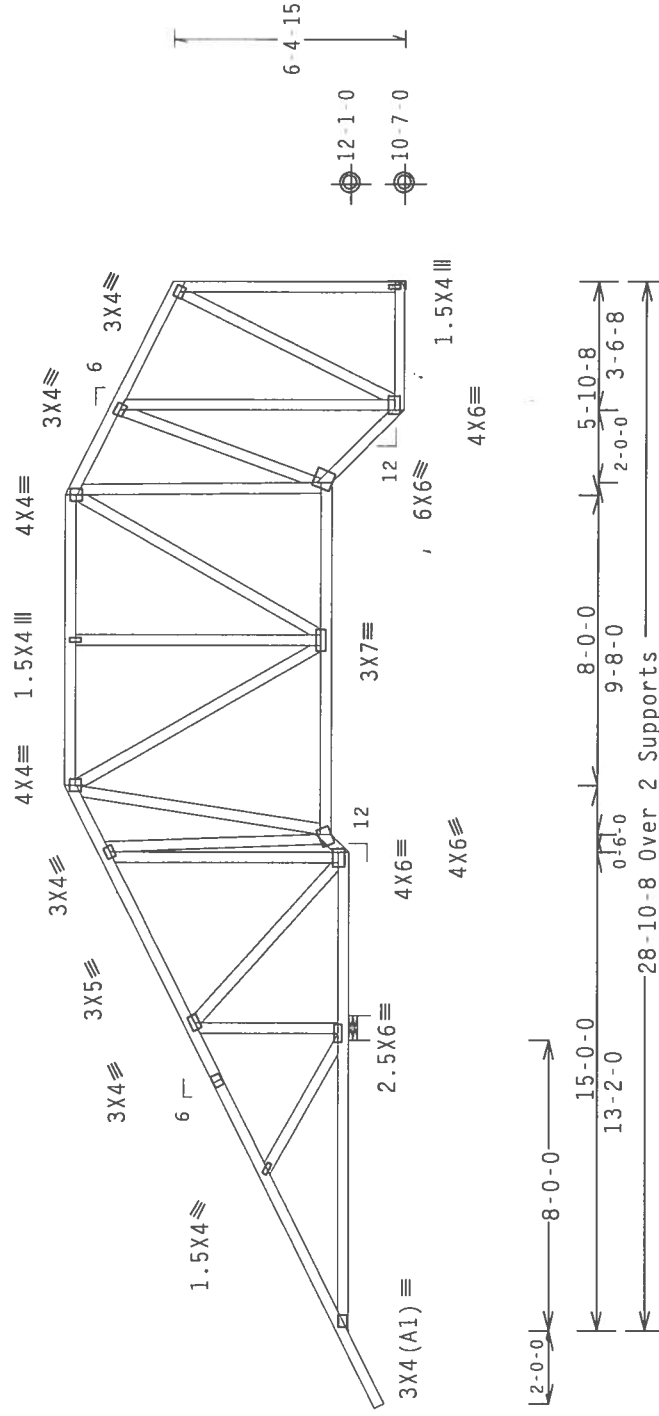
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE FABRICATOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE FABRICATOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE FABRICATOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE FABRICATOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS.

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110 mph wind, 15.65 ft mean hgt, ASCE 7-98, 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.

Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



R-1803 U-592 W-8"

R-639 U=198 H-Simpson LU26
W=144 L=104 0.148"x1.5" nails in Truss
0.148"x1.5" nails in Common, 0.148"x3.0" nails in Girder
0.148"x1.5" nails in Joist, 0.148"x3.0" nails in So. Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

3.

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF	R487--	36625
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196007
BC LL	0.0	PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0	PSF	SEQN-	93137	
DUR.FAC.	1.25				
SPACING	24.0"		JRFE-	1SEH487	Z01

Jul 14 04

JREF- 1SFH487 701



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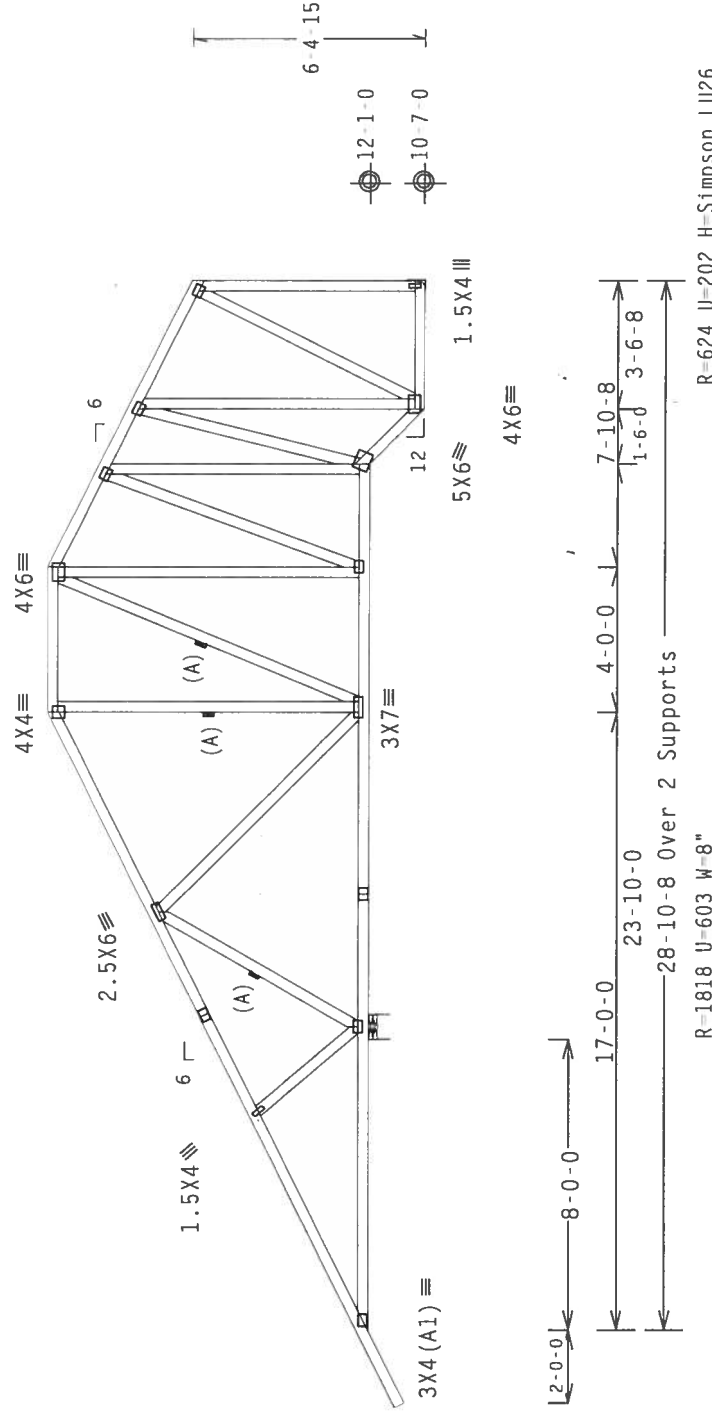
110 mph wind, 16.15 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

9

FL-141-1-1R1-

Scale = 1875"/Ft

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PCS1 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL TRUSS MANUFACTURERS ASSOCIATION, 13500 DORSET DR., SUITE 200, MADISON, WI 53719, AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION), INC., 500 N. MICHIGAN, SUITE 1000, 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 CEILING.

TC LL	20.0 PSF	REF	R487 --	36626
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196008
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	93140	
DUR.FAC.	1.25			
SPACING	24.0"			

ALPINE

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1950 Marley Drive
Haines City, FL 33844

Top chord 2x4 SP #2 Dense : T2, T3 2x6 SP #1 Dense:

Bot chord 2x6 SP #1 Dense

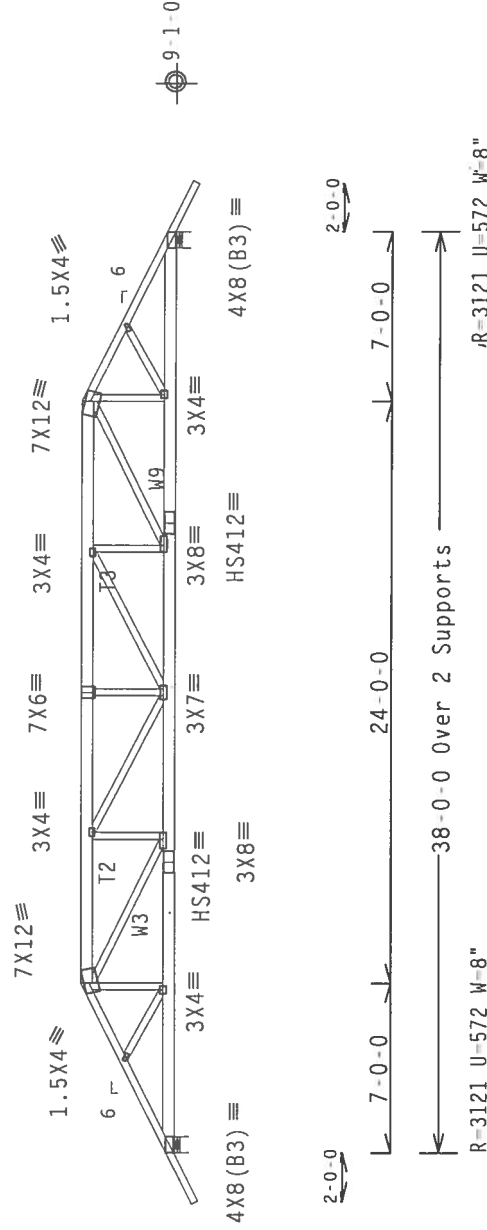
Webs 2x4 SP #3 :W3, W9 2x4 SP #2 Dense:

#1 hip supports 7-0-0 jacks with no webs.

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

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-1-9 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-1-9 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 2-1-9 overhang.



PLT TYP. 20 Gauge HS,Wave TPI
Design Crit: TPI-1995(STD)/FBC

FL/-/4/-/-/R/-
Scale = .125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS CONSTRUCTION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 3835 W. 10TH AVE., SUITE 100, DENVER, CO 80202) OR THE TRUSS ASSOCIATION, 6300 ENTERPRISE BLVD., WILSONVILLE, OR 97148. ALWAYS FOLLOW THE MANUFACTURER'S INSTRUCTIONS UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRACING.

REF R487 - - 36627

DATE 07/14/04

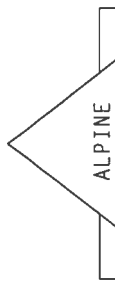
DRW HCUSR487 04196009

HC-ENG TCE/NE

TOT.LD. 40.0

DUR.FAC. 1.25

SPACING	SEE ABOVE	JREF- 1SEH487 Z01
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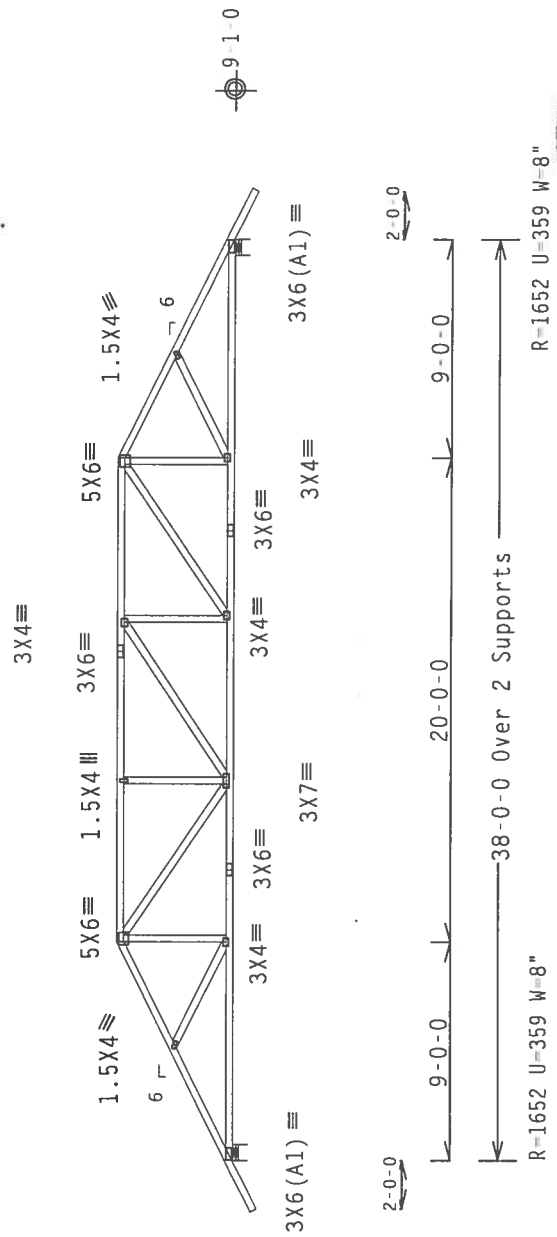
Alpine Engineered Products, Inc.
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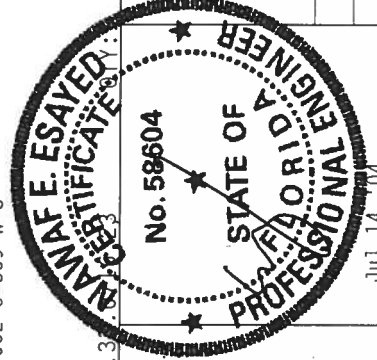
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 11.15 ft mean hgt, ASCE 7-98, 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.



3LT TYP. Wave TPI		Design Crit: TPI-1995(STD)/FBC		Scale = .125"/Ft.	
ALPINE		6.3		TC LL	20.0 PSF
ALPINE ENGINEERED PRODUCTS, INC.		1930 Marley Drive		TC DL	10.0 PSF
Haines City, FL 33844		FL Certificate of Authorization # 567		BC DL	10.0 PSF
				BC LL	0.0 PSF
				TOT.LD.	40.0 PSF
				DUR.FAC.	1.25
				SPACING	24.0"
				JREF	1SEH487_Z01
				REF	R487-- 36628
				DATE	07/14/04
				DRW	HCUSR487 04196010
				HC-ENG	TCE/NE *
				SEQN	92761



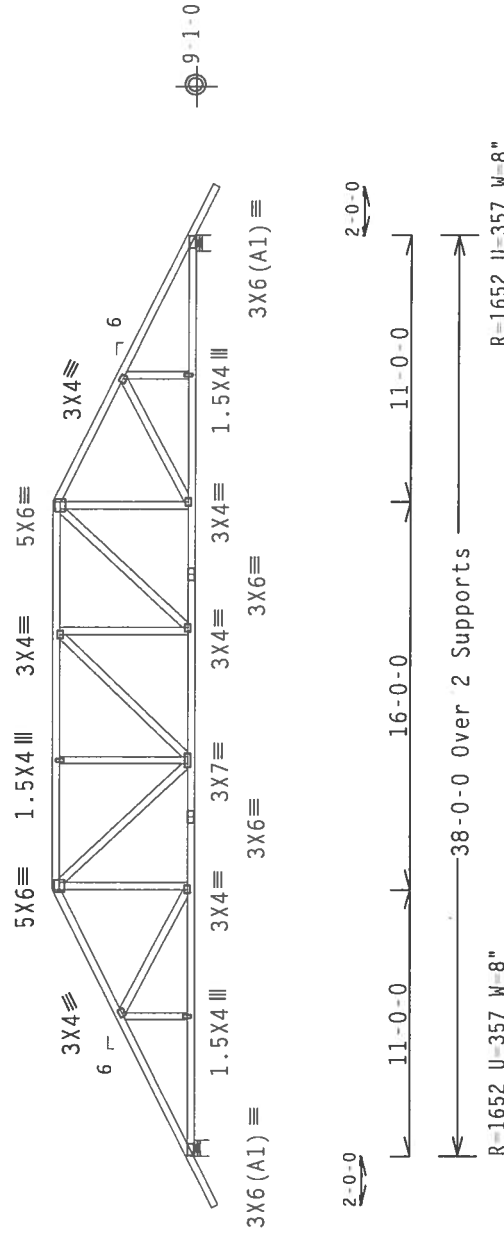
ALPINE ENGINEERED PRODUCTS, INC.
1930 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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 CONNECTION PLATES ARE MADE OF 2018/16GA (W.1/2") ASTM A653 GRADE 40/60 (K. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING TGA-2. DRAWING INDICATES ACCEPTANCE PROFILES. ENGINEER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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 CONNECTION PLATES ARE MADE OF 2018/16GA (W.1/2") ASTM A653 GRADE 40/60 (K. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING TGA-2. DRAWING INDICATES ACCEPTANCE PROFILES. ENGINEER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

110 mph wind, 11.65 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

32

FI 1-141-1-1R1-

$$\text{Scale} = 125''/\text{ft}$$

TC LL	20.0	PSF	REF	R487 --	36629
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196011
BC LL	0.0	PSF	HC-ENG	TCE/NE	*
TOT.LD.	40.0	PSF	SEQN-	92766	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SEH487	Z01

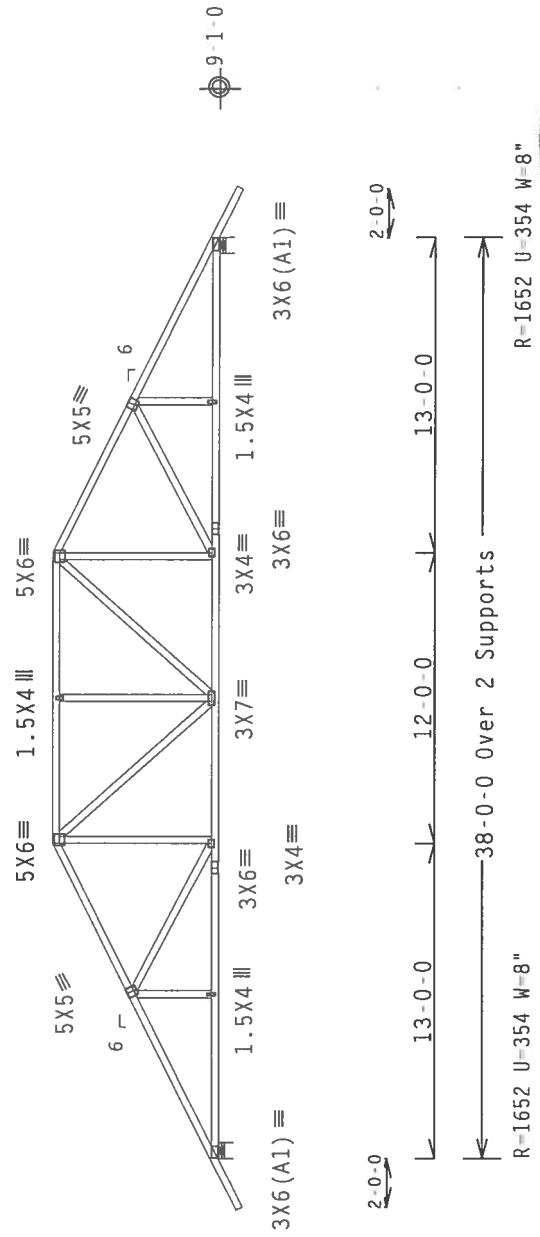


Haines City, FL 33844
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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 12.15 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	6.8	Scale = .125"/Ft.
TC LL	20.0 PSF	REF	R487-- 36630
TC DL	10.0 PSF	DATE	07/14/04
BC DL	10.0 PSF	DRW	HCUSR487 04196012
BC LL	0.0 PSF	HC-ENG	TCE/NE *
TOT.LD.	40.0 PSF	SEQN	92770
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SEH487_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 10000 RICH DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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 20/18/16GA (M-H/S/A) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A Z. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN ASSOCIATION OF BRIDGE ENGINEERS (AASHTO) DESIGN SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSI/TPI 1 SEC. 2.

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Haines City, FL 33844

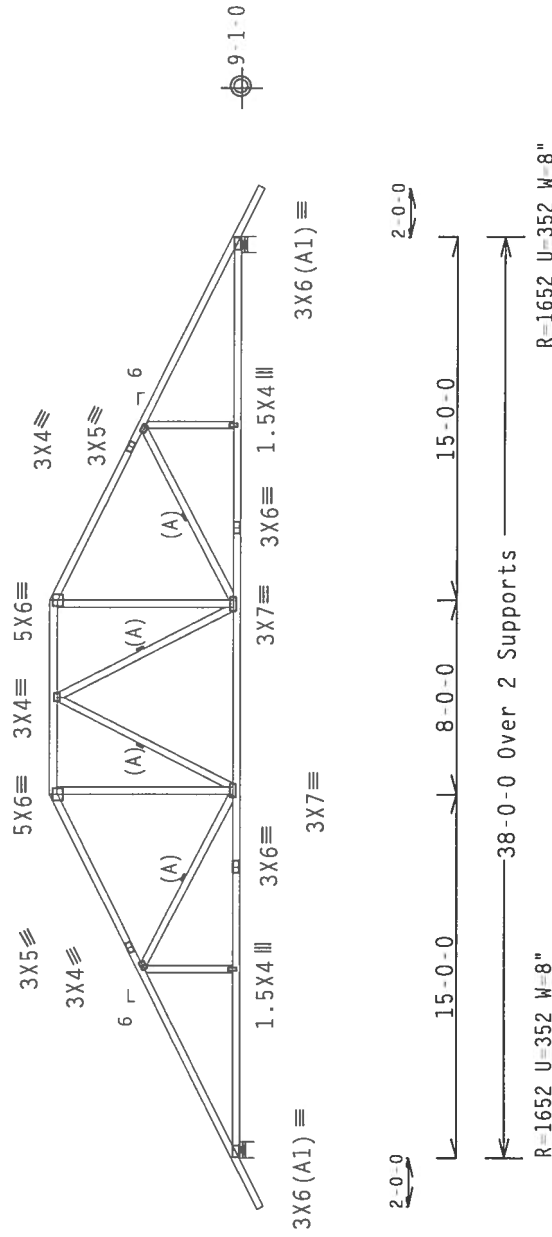
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 12.65 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

$$E1 / - / A / - / - / R / - /$$

$$Scale = 125'' / Et$$
[illegible][illegible]

TC LL	20.0 PSF	REF R487-- 36631
TC DL	10.0 PSF	DATE 07/14/04
BC DL	10.0 PSF	DRW HCURR487 04196013
BC LL	0.0 PSF	HC-ENG TCE/NE *
TOT.LD.	40.0 PSF	SEQN- 92775
DUR.FAC.	1.25	
SPACING	24.0"	JRFF- 1SFH487 701



Alpine Engineered Products, Inc.
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 FL Certificate of Authorization # 567

Jul 14 04

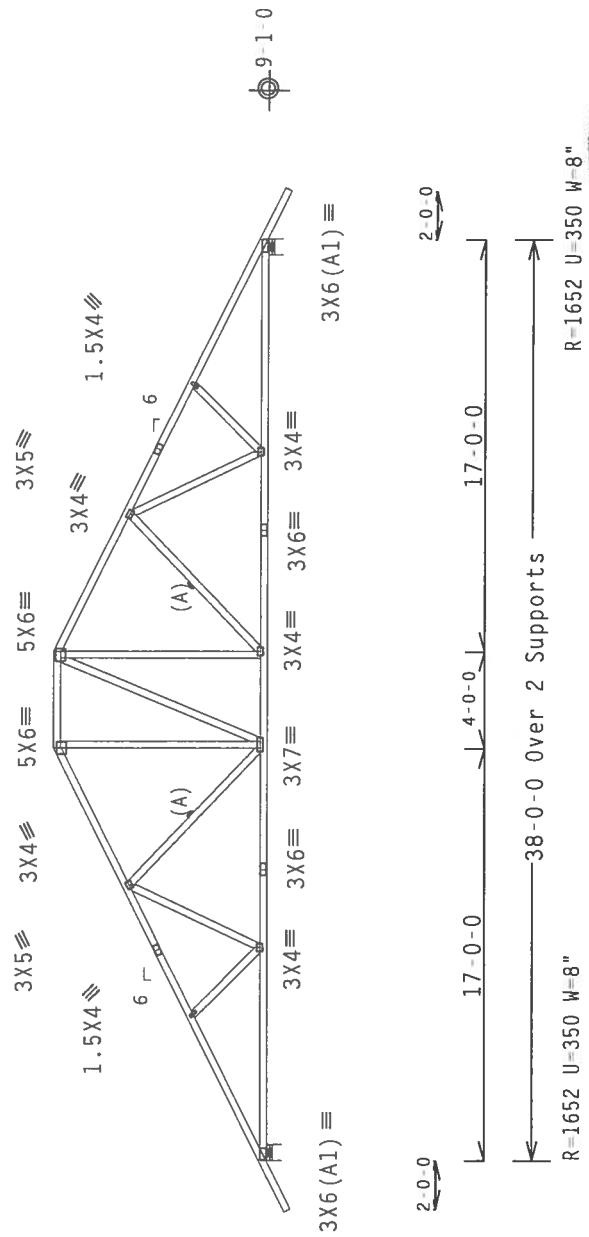
(294 - CARMEN FAVORITO - H17B)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.15 ft mean hgt, ASCE 7-98, 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.



3LT TYP. Wave TPI		Design Crit: TPI-1995(STD)/FBC		Scale = .125"/Ft.	
ALPINE		No. 58604		TC LL	20.0 PSF
ALPINE		STATE OF FLORIDA		TC DL	10.0 PSF
ALPINE		PROFESSIONAL ENGINEER		BC DL	10.0 PSF
ALPINE		JUL 14 2004		BC LL	0.0 PSF
ALPINE		R-1652 U=350 W=8"		TOT.LD.	40.0 PSF
ALPINE		R-1652 U=350 W=8"		DUR.FAC.	1.25
ALPINE		R-1652 U=350 W=8"		SPACING	24.0"
ALPINE		R-1652 U=350 W=8"		JREF	1SEH487_Z01

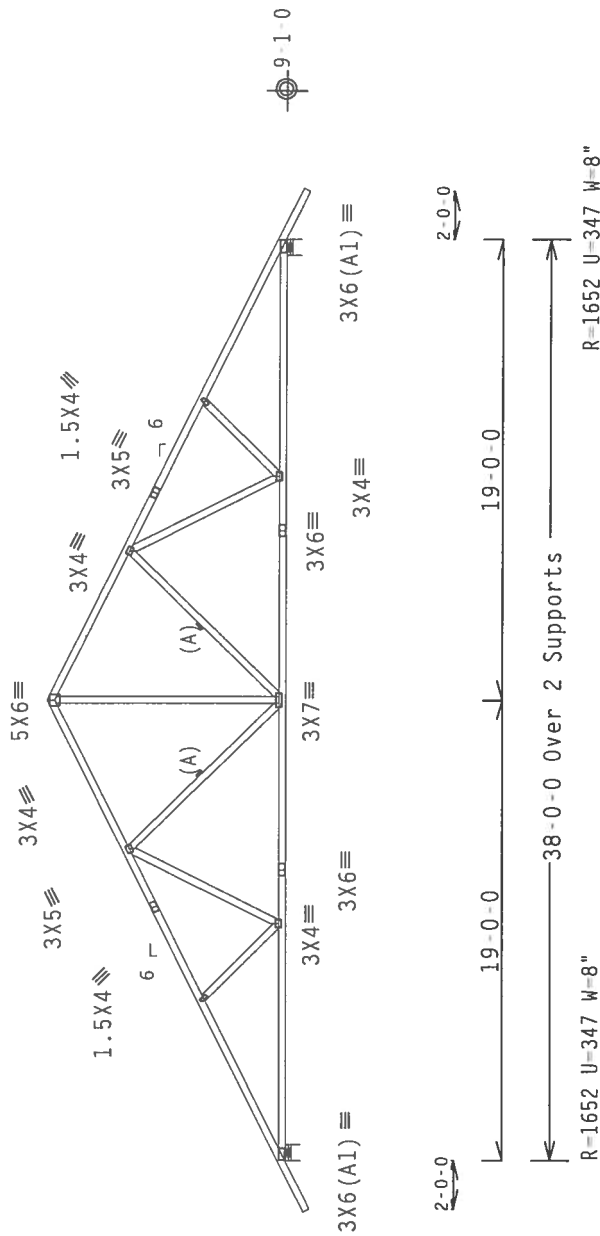
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 1000 O'DONOHUE DR., SUITE 200, MADISON, WI 53719, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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 AIA/P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166GA (W.1/2"/K) ASTM A653 GRADE 40/60 (M. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER. SIGN THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
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Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.



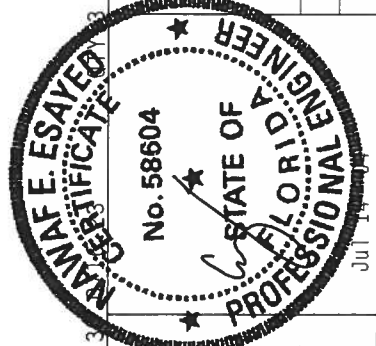
Design Crit: TPI-1995(STD)/FBC

3

FL 1-141-1-1R1-

Scale = .125"/Ft.

TC LL	20.0	PSF	REF	R487--	36633
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196015
BC LL	0.0	PSF	HC-ENG	TCE/NE	*
TOT.LD.	40.0	PSF	SEQN-	92786	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SEH487_Z01	



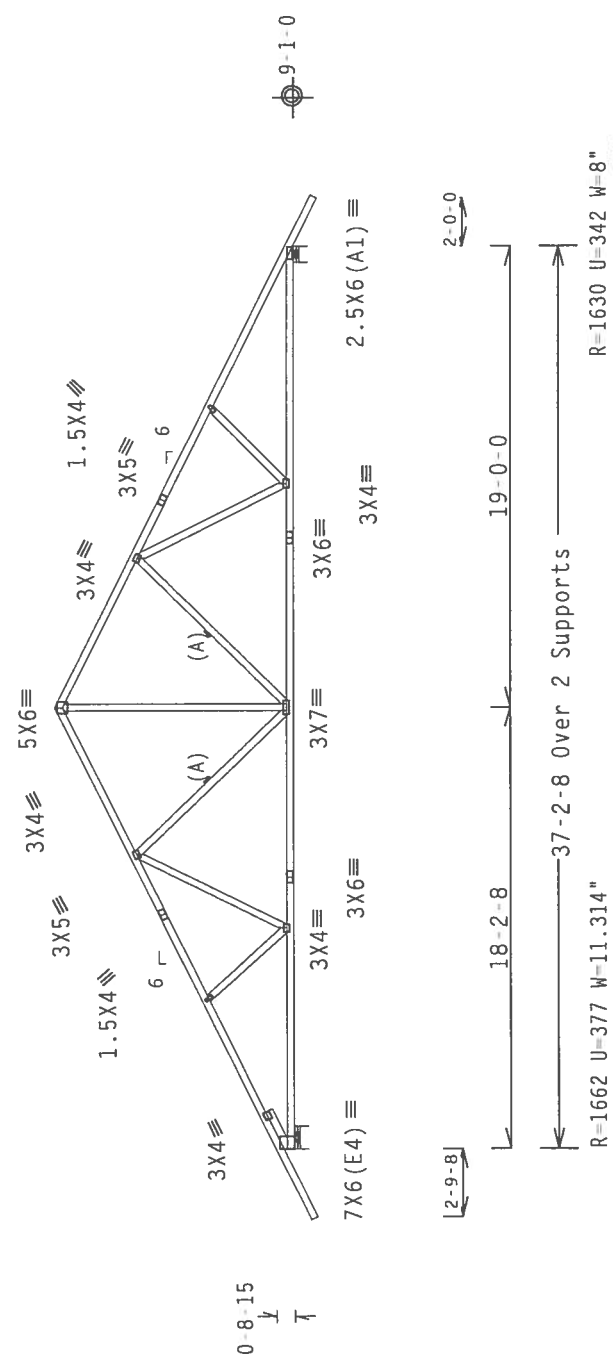
ALPINE

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

FL Certificate of Authorization # 567
Haines City, FL 33844

```
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:LT Slider 2x4 SP #3: BLOCK LENGTH = 1.752'
```

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



PLT TYP. Wave TPI



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

FL Certificate of Authorization # 567

Design Crit: TPI-1995(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 T-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 50 DUMFRIES DR., SUITE 400, MADISON, WI 53713 AND READ THOROUGHLY THESE DIRECTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL BE FABRICATED AND SHIPPED IN ACCORDANCE WITH THE TPI-1995(STD)/FBC. UNLESS OTHERWISE INDICATED, ALL TRUSSES 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 SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATING, HANDLING, SHIPPING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Scale = .125" / Ft.

REF R487 -- 36634

DATE 07/14/04

DRW HCUSR487 04196016

FL / - / 4 / - / 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

SPACING 24.0"

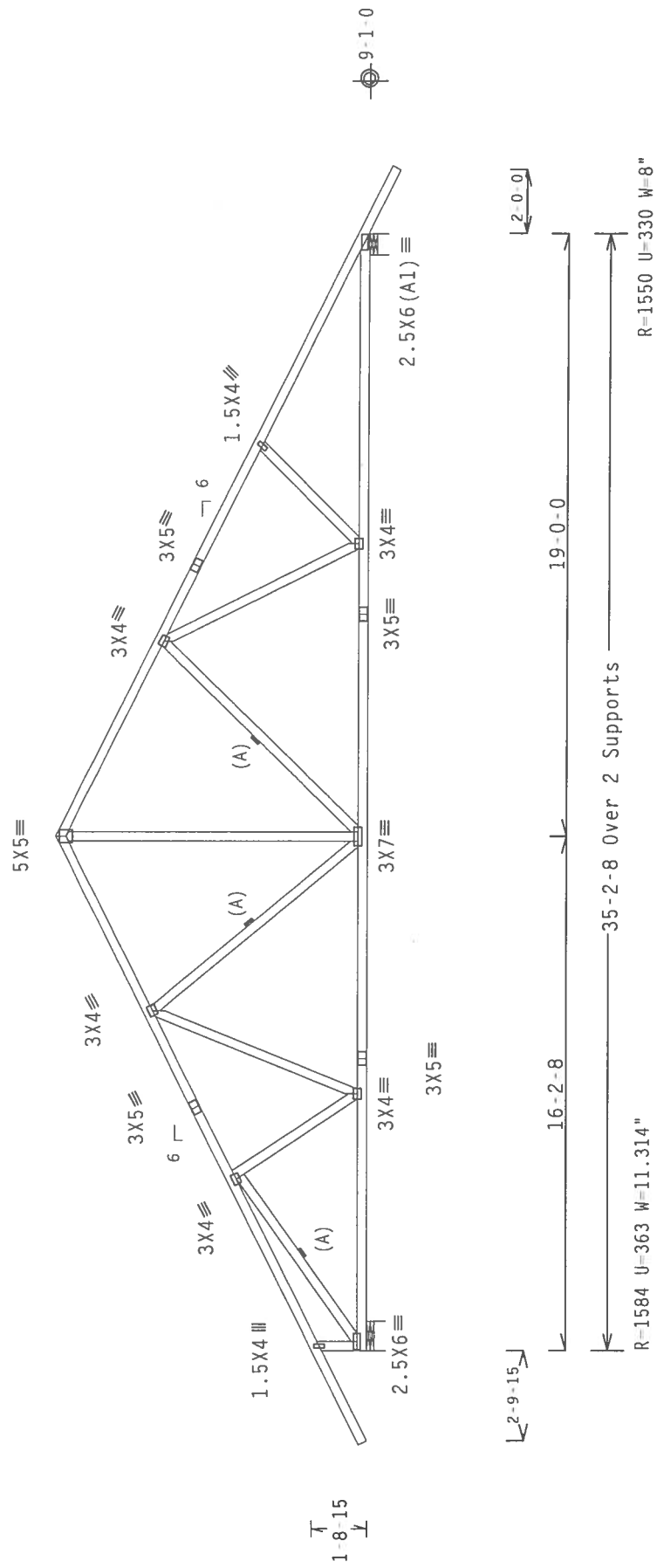
JREF - 1SEH487_Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

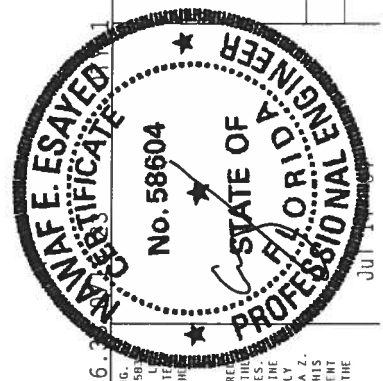
Design Crit: TPI-1995(STD)/FBC

6

FL/-4/-/-/R/-

Scale = .1875" / Ft.

TC LL	20.0 PSF	REF	R487 --	36635
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196017
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	92803	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487	Z01



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER, CONTRACTOR, SUBMITTER, MANUFACTURER, OR ANY OTHER PARTY INVOLVED IN THE TRUSS PROCESS SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING. 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, DESIGNER, CONTRACTOR, SUBMITTER, MANUFACTURER, OR ANY OTHER PARTY INVOLVED IN THE TRUSS PROCESS SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC.
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FL Certificate of Authorization #567

2 COMPLETE TRUSSES REQUIRED

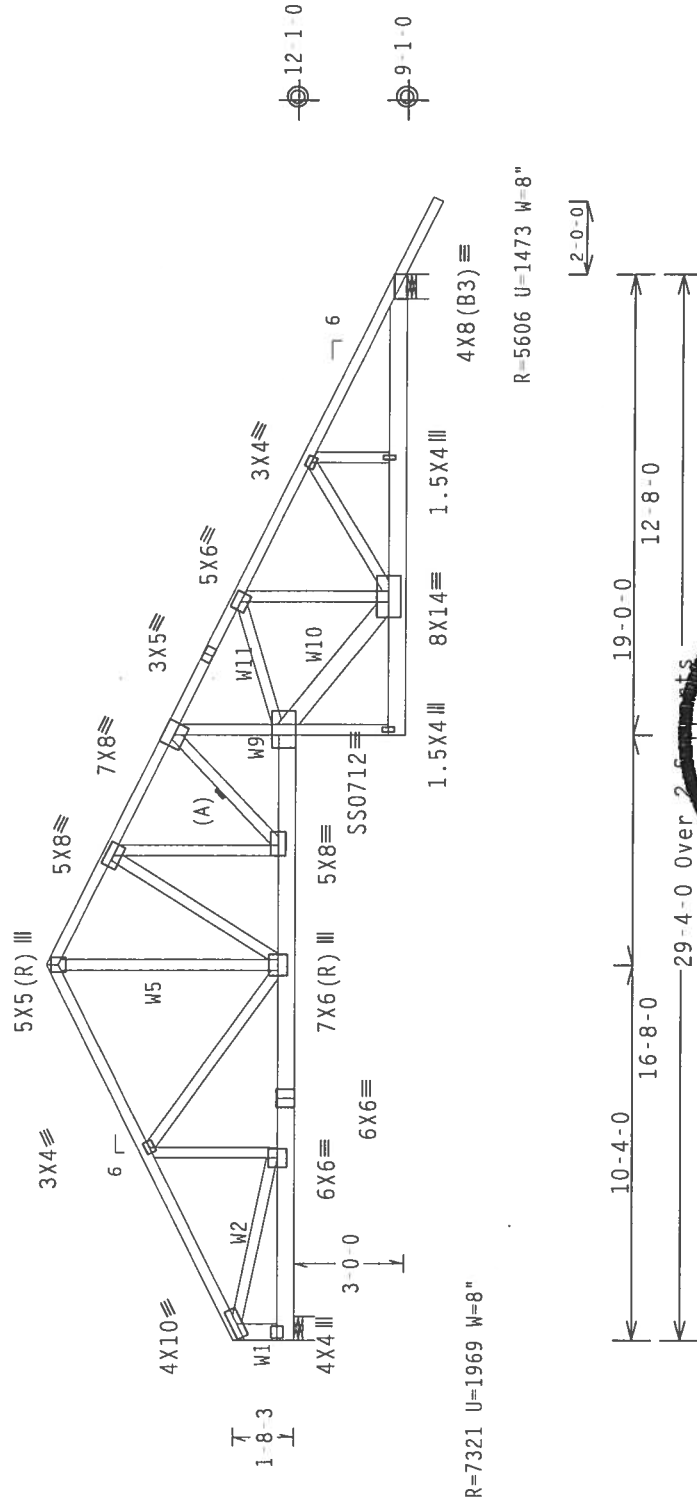
NAILING SCHEDULE: (10d_common_nails)
 TOP CHORD: 1 ROW @ 12" o.c.
 BOT CHORD: 1 ROW @ 5" o.c.
 WEBS : 1 ROW @ 4" o.c.

USE EQUAL SPACING BETWEEN ROWS AND STAGGER NAILS
IN EACH ROW TO AVOID SPLITTING.

110 mph wind, 15.00 ft mean hgt., ASCE 7-98, 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.



R=5606 U=1473 W=8"

L2-0-01

PLT TYP. 18 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC

$\text{FL} / - / 4 / - / - / \text{R} / -$

Scale = .1875" / Ft.

TC LL	20.0	PSF	REF	R487 --	36636
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196018
BC LL	0.0	PSF	HC - ENG	TCE/NE	
TOT.LD.	40.0	PSF	SEON -	93255	
DUR.FAC.	1.25				
SPACING	24.0"		JREF -	1SEH487	Z01

****WARNING**** ROSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED GIRD.

****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
DESIGN CONFORMING WITH ALL THE MANUFACTURING, HANDLING, SHIPPING, INSTALLING AND BRACING TO TRUSSES.
CONNECTIONS WITH APPLICABLE PROVISIONS OF THE AISC SPECIFICATIONS FOR STEEL CONNECTIONS SHALL BE USED.
CONNECTOR PLATES ARE MADE OF 20X18X1/8GA IN W/S/E/D ASH A653 GRADE 40/60 (A-36) ONLY STEEL
PLATES TO EACH FACE OF TRUSS AND, WHEN OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) 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 COMPONENT
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSII/TPI-1 SEC. 2.

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1950 Marley Drive
Haines City, FL 33844
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FL Certificate of Authorization # 567

(294-CARMEN FAVORITO - BC1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.

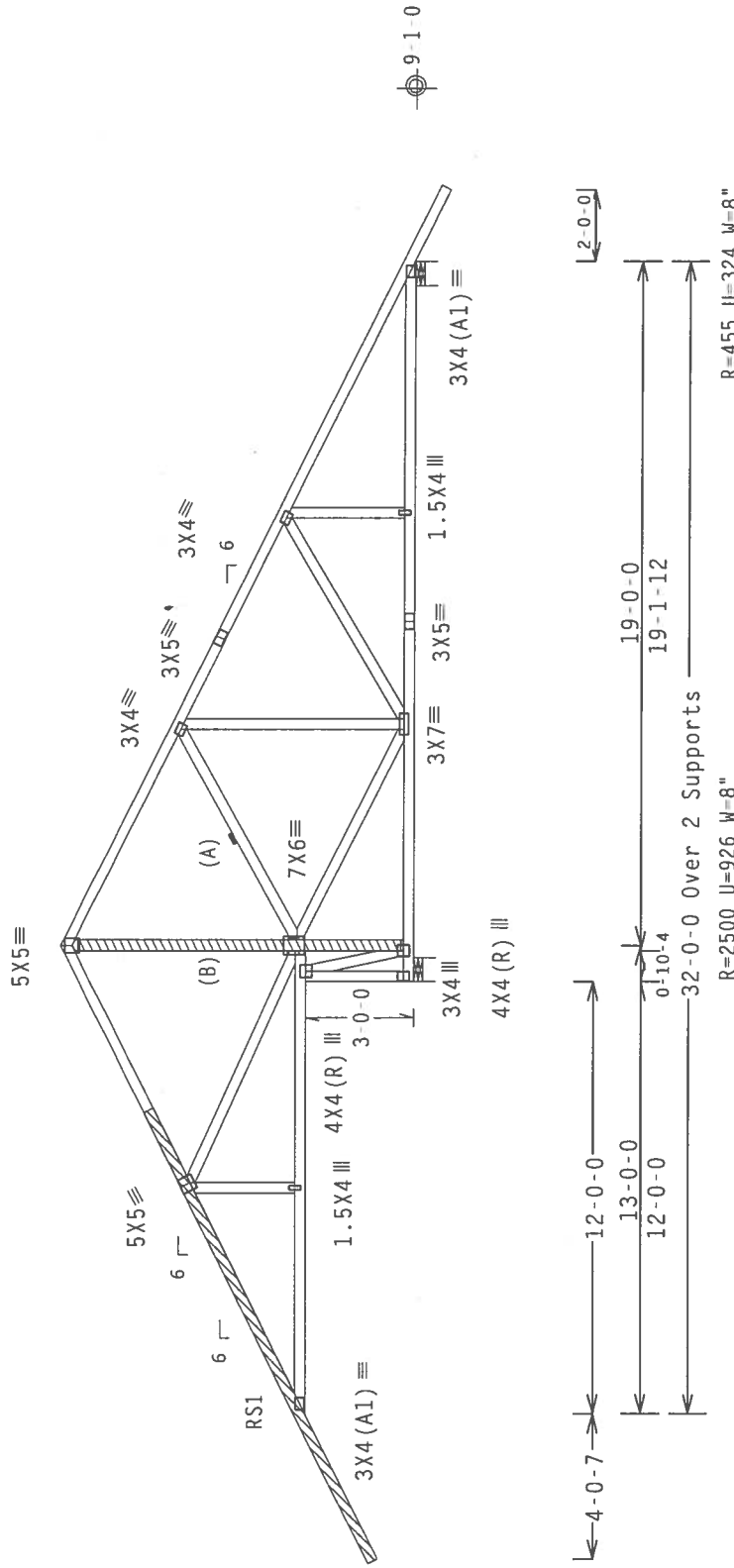
(A) Continuous lateral bracing equally spaced on member.

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

RS1

(1) 2x4X14-0-0 SP #2 Dense Top chord scab centered 2'-2-11" from left end. Attach to one face of chord with (2) rows of 10d common nails @ 6" O.C., staggered 3".

(B) (2) SCAB BRACES, FULL LENGTH OF WEB MEMBER. SAME SIZE, SPECIES & GRADE OR BETTER. ATTACH ONE SCAB TO EACH OUTSIDE FACE WITH 10d COMMON NAILS (0.148"x3.00") NAILS @ 4" O.C., PLUS CLUSTERS WHERE SHOWN.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

FL / - / 4 / - / - / R / -

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
SPACING	24.0"

REF	R487--	36637
DATE	07/14/04	
DRW	HCUSR487	04196019
HC-ENG	TCE/NE	
SEQN	92947	
JREF	1SEH487	Z01

ALPINE

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1930 Marley Drive
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WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

****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/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

CERTIFICATE

MANAF E. SAYED

No. 58604

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Jul 14, 2004

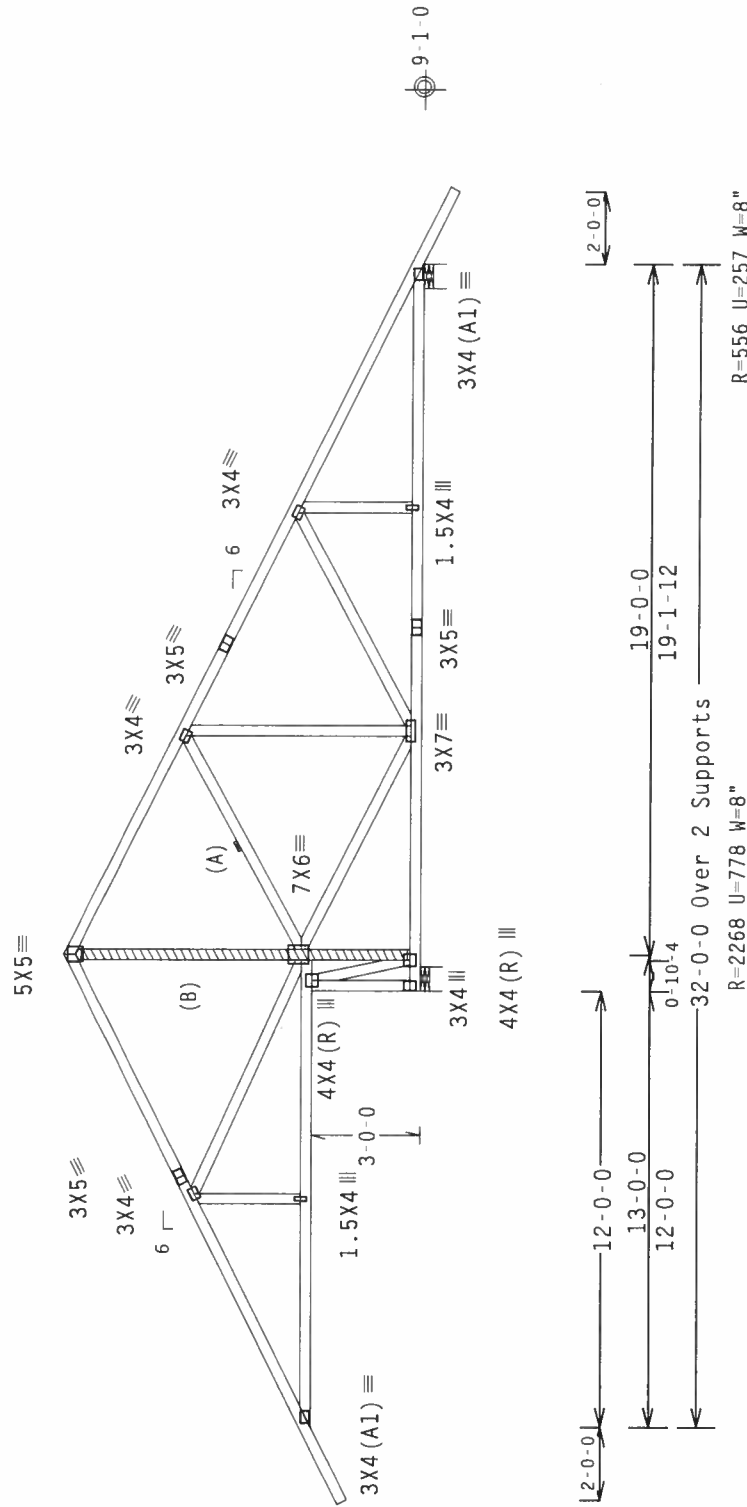
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.

(B) (2) SCAB BRACES, FULL LENGTH OF WEB MEMBER. SAME SIZE, SPECIES & GRADE OR BETTER. ATTACH ONE SCAB TO EACH OUTSIDE FACE WITH 10d COMMON NAILS (0.148"x3.00") NAILS @ 4" OC., PLUS CLUSTERS WHERE SHOWN.



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / ERC

35

13-11-1-101-

СССР - 1975" / Г+

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENTS INFORMATION), PUBLISHED BY TPI (TRUSS PEAKE INSTITUTE, 503 WEST 10TH AVE., SUITE 100, DENVER, CO 80202), AND AISC 1400D (STEEL DESIGNATION AND MARKING), PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. LAKE ST., CHICAGO, IL 60610, FOR SAFETY PRACTICES RELATING TO THESE THUSSES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

14/ OCT = 1193

REF R48/- - 36638

DATE 07/14/04

DRW HCUSR487 04196020

HC - ENG TCF / NE

FROM 00000

SEQN- 92933

JREF- 1SEH487 Z01



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

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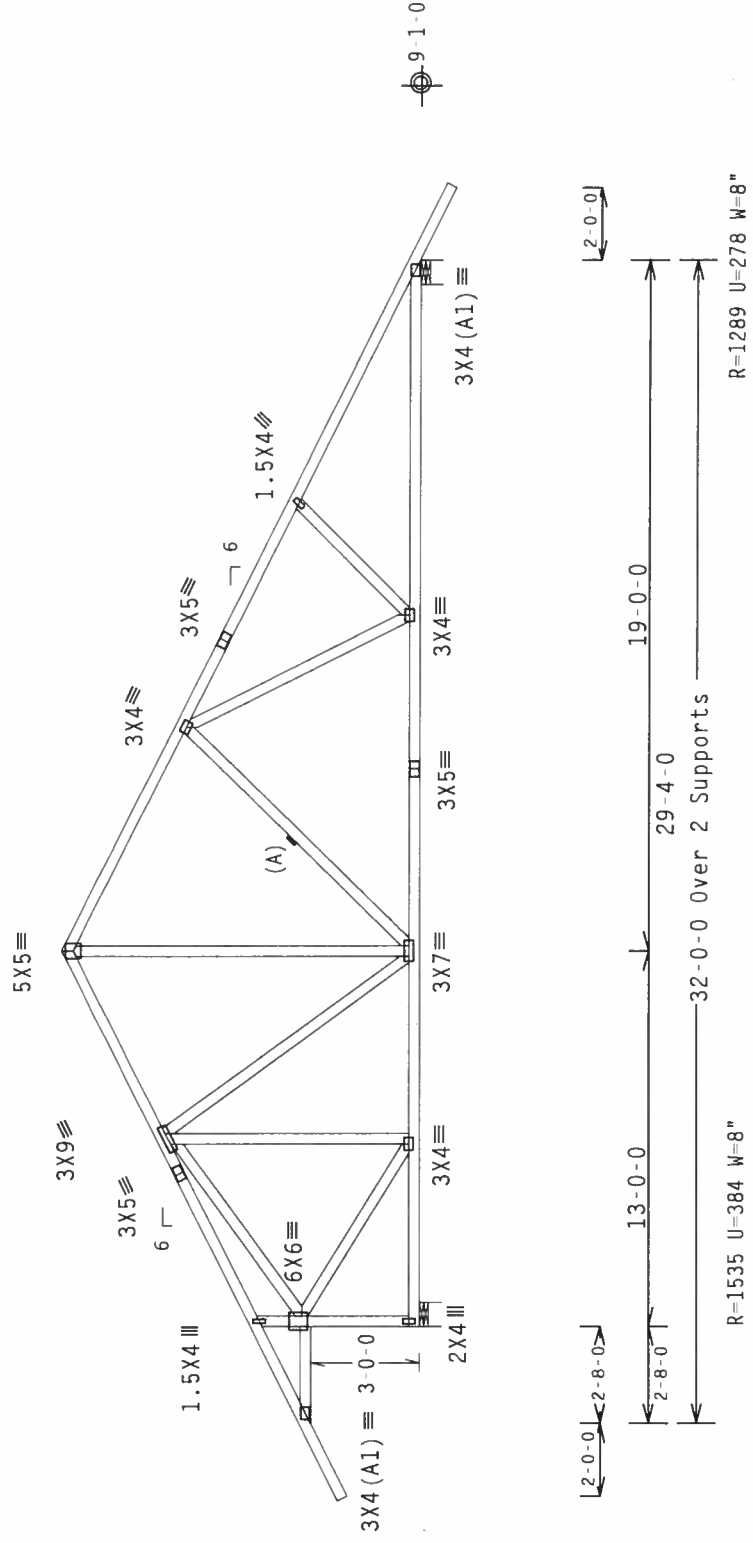
(294- CARMEN FAVORITO - BC3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.

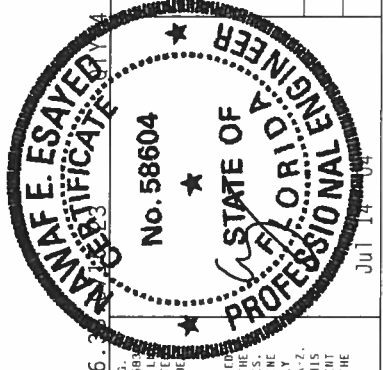


PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

Scale = .1875" / Ft.

 ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-01 (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 1100 NORTH MICHIGAN, 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. 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 AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M.H/S/A) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S RESPONSIBILITY. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TP1 1 SEC. 2.		TC LL	20.0 PSF	 Jul 14, 2004	REF	R487 - -	36639
	TC DL	10.0 PSF	DATE	07/14/04				
	BC DL	10.0 PSF	DRW	HCUSR487		04196021		
	BC LL	0.0 PSF	HC-ENG	TCE/NE				
	TOT.LD.	40.0 PSF	SEQN-	92940				
		DUR.FAC.	1.25					
		SPACING	24.0"					
		JREF	1SEH487_Z01					



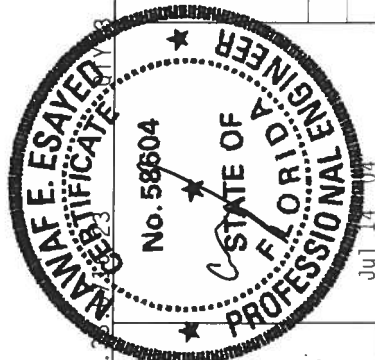
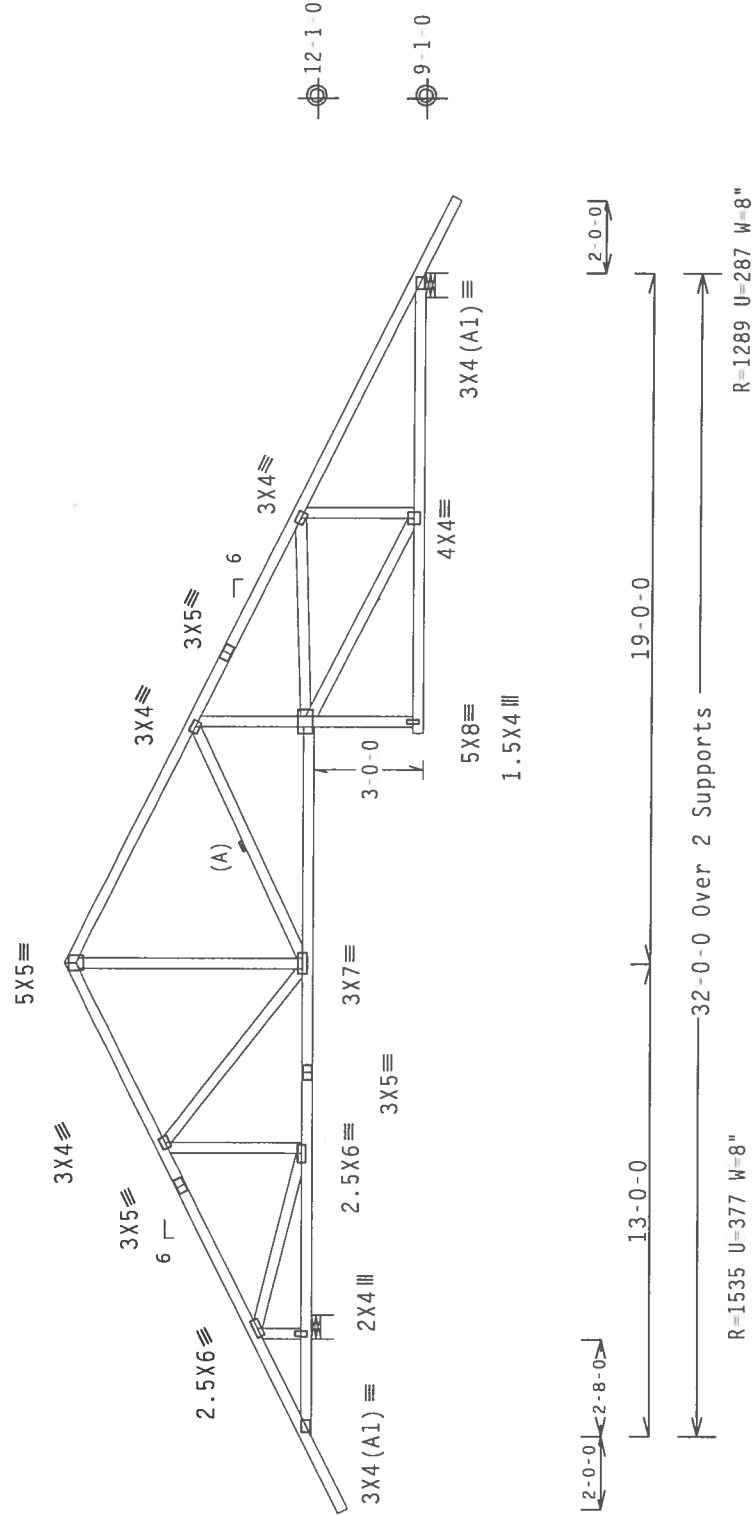
(294- CARMEN FAVORITO - BC4)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	Scale = .1875"/Ft.
6.3	FL / - / 4 / - / R / -	REF R487 - - 36640
TC LL	20.0 PSF	DATE 07/14/04
TC DL	10.0 PSF	DRW HCUSR487 04196022
BC DL	10.0 PSF	HC-ENG TCE/NE
BC LL	0.0 PSF	SEQN- 92967
TOT.LD.	40.0 PSF	DUR.FAC. 1.25
SPACING	24.0"	JREF- 1SEH487 Z01

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (4-11/16") ASTM A653 GRADE 40/60 (4-11/16") 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 TPI 2002 SEC.3. A SEAL ON THIS DESIGN SHOWN HEREIN INDICATES THE DESIGNER'S ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN HEREIN. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

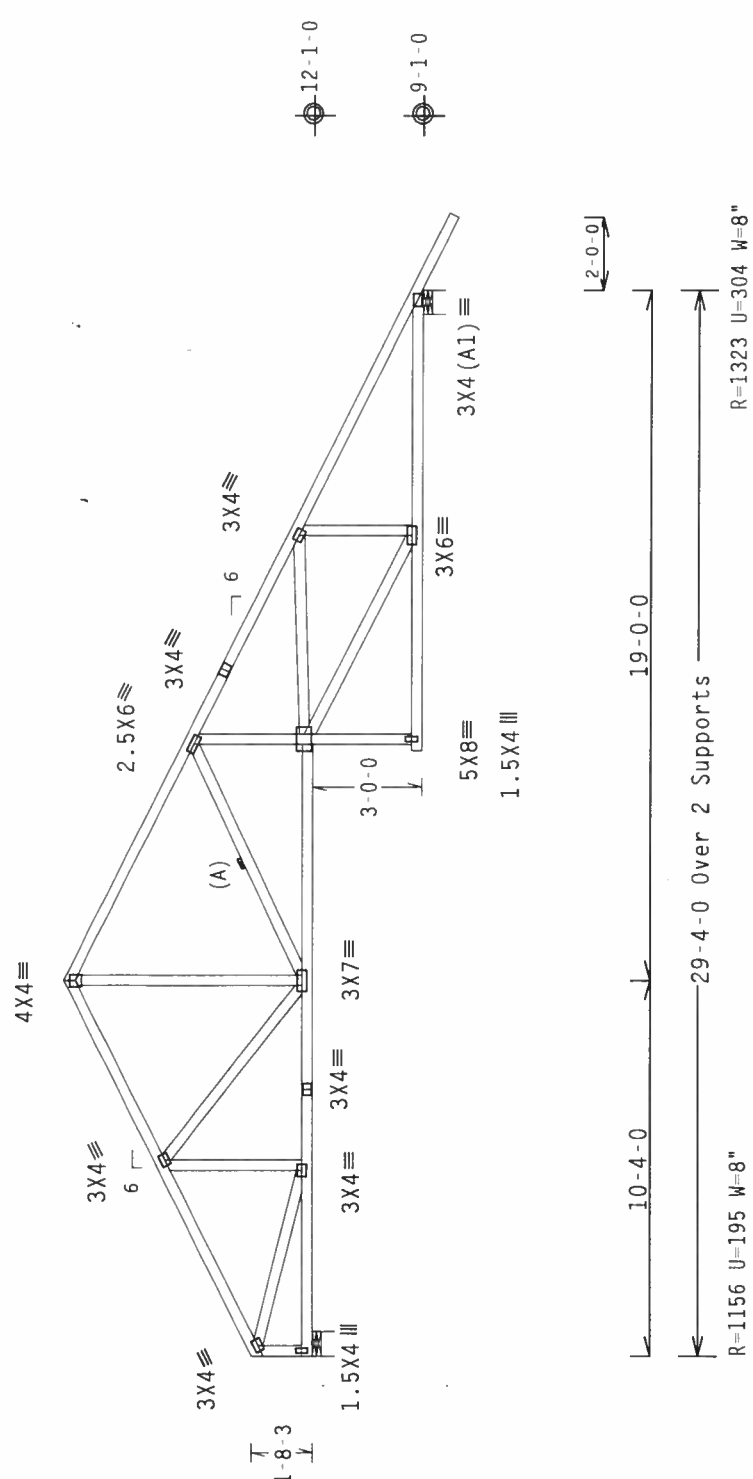
ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

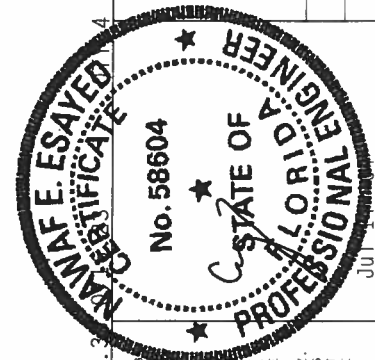
110 mph wind, 13.65 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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



PLT TYP. Wave TPI		Design Crit: TPI-1995(STD)/FBC		Scale = .1875" / Ft.	
ALPINE		6.3		REF R487 - 36641	
ALPINE ENGINEERED PRODUCTS, INC.		1950 Marley Drive		DATE 07/14/04	
Haines City, FL 33844		DRW HCUSR487 04196023		HC-ENG TCE/NE	
FL Certificate of Authorization # 567		TOT.LD. 40.0 PSF		SEQN- 92972	
		DUR.FAC. 1.25		JREF- 1SEH487_Z01	
		SPACING 24.0"			
		TC LL 20.0 PSF			
		TC DL 10.0 PSF			
		BC DL 10.0 PSF			
		BC LL 0.0 PSF			
		FL / - / 4 / - / R / -			
		4			



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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 ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-N/5/K) ASTM A653 GRADE 40/60 (4, 6/8.5) 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 TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****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 ACPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-N/5/K) ASTM A653 GRADE 40/60 (4, 6/8.5) 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 TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THE 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 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

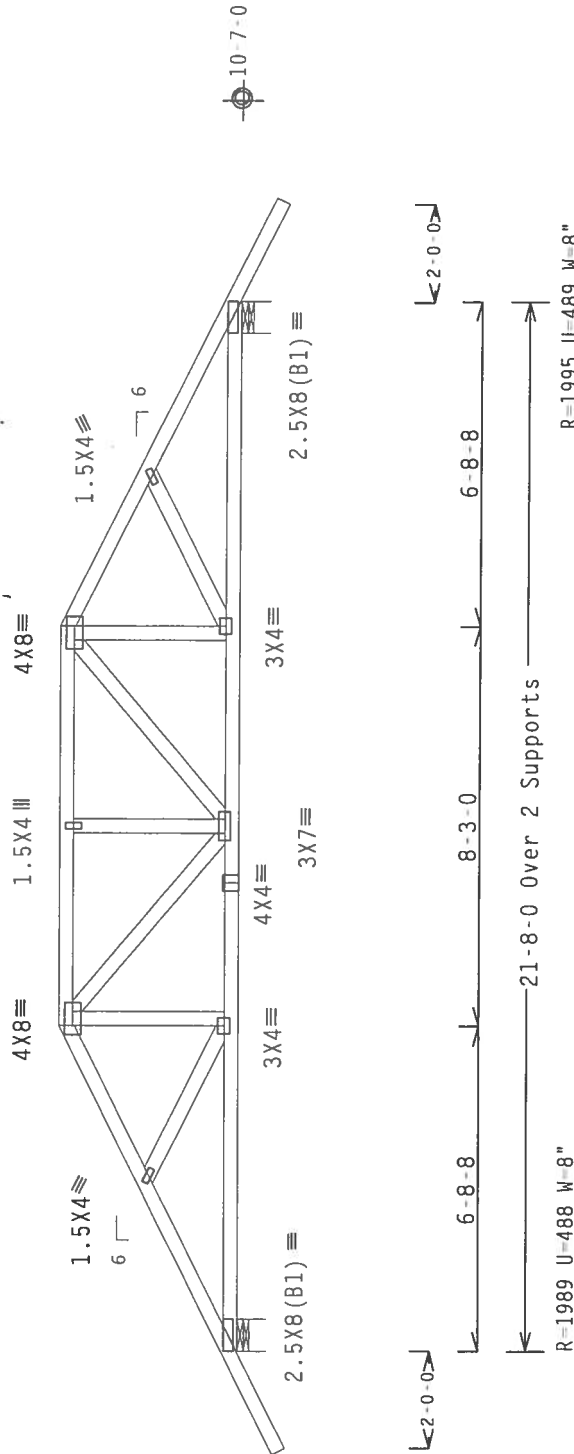
SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -2.13 to 60 PLF at 23.80
BC - From 4 PLF at -2.13 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 21.67
BC - From 4 PLF at 21.67 to 4 PLF at 23.80
TC - *163 LB Conc. Load at 7.90, 9.90, 11.90, 13.90
BC - *535 LB Conc. Load at 5.90, 15.77
BC - *66 LB Conc. Load at 7.90, 9.90, 11.90, 13.90

* Provide connection for concentrated load(s) shown.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

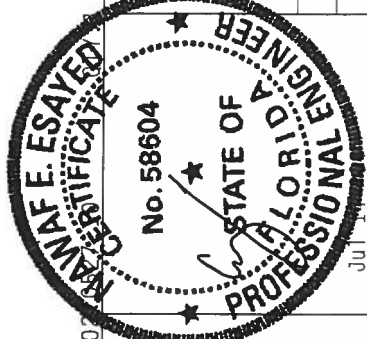
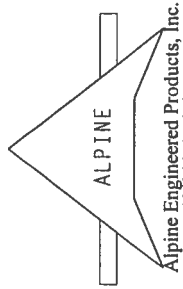
Design Crit: TPI-1995 (STD)/FBC

FL/-14/-1/R/-

Scale = .25" / 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 O'DONNELL 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.

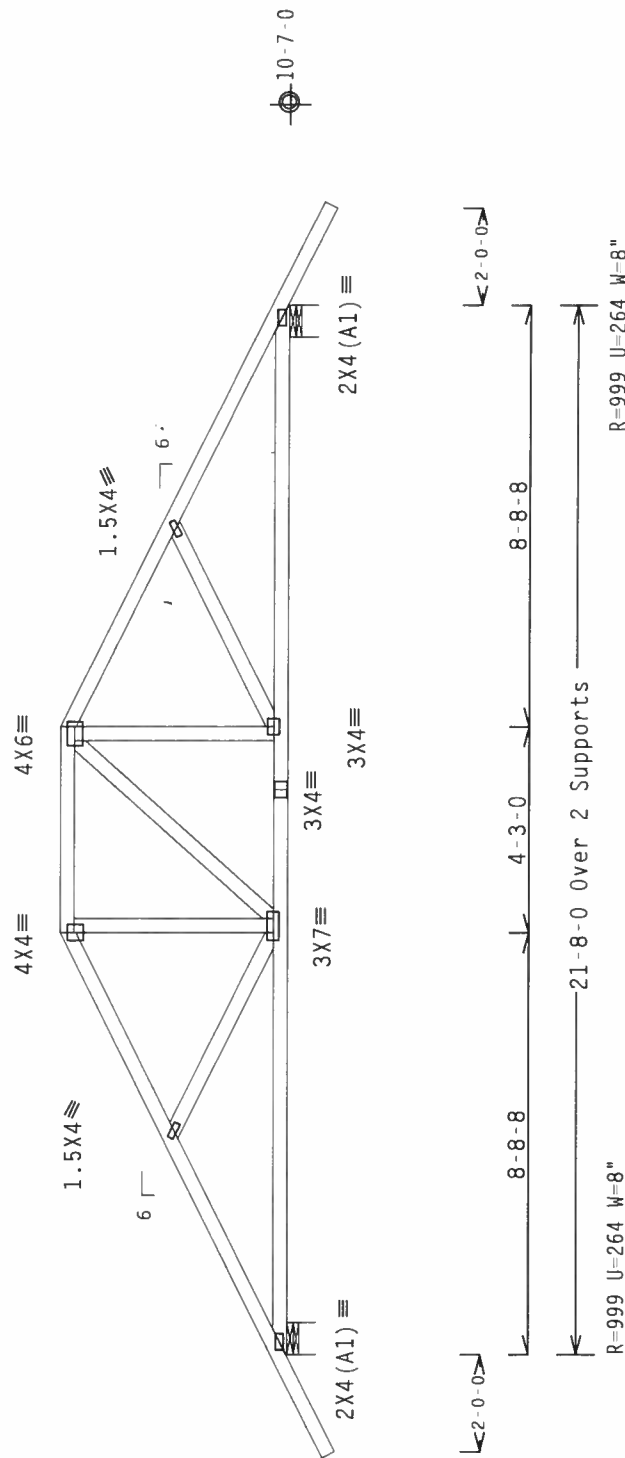
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. IS NOT RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR WICA PROVISIONS OF NATIONAL DESIGN SPEC. BY AEP/ALP AND TPI SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. CONNECTOR PLATES ARE MADE OF 2018/1866 (M-HUS/K) ASTM A563 GRADE 40/60 (M, K/HLS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R487 --	36642
TC DL	10.0 PSF	DATE	07/14/04
BC DL	10.0 PSF	DRW	HCUSR487 04196024
BC LL	0.0 PSF	HC-ENG	TCE/NE
TOT.LD.	40.0 PSF	SEQN-	34550 REV
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF -	1SEH487_Z01

110 mph wind, 12.57 ft mean hgt, ASCE 7-98, 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.



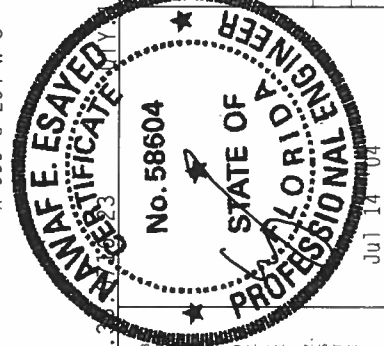
PLT TYP.: Wave TPI

Design Crit: TPI-1995(STD)/FBC

E11-141-1-1R/-

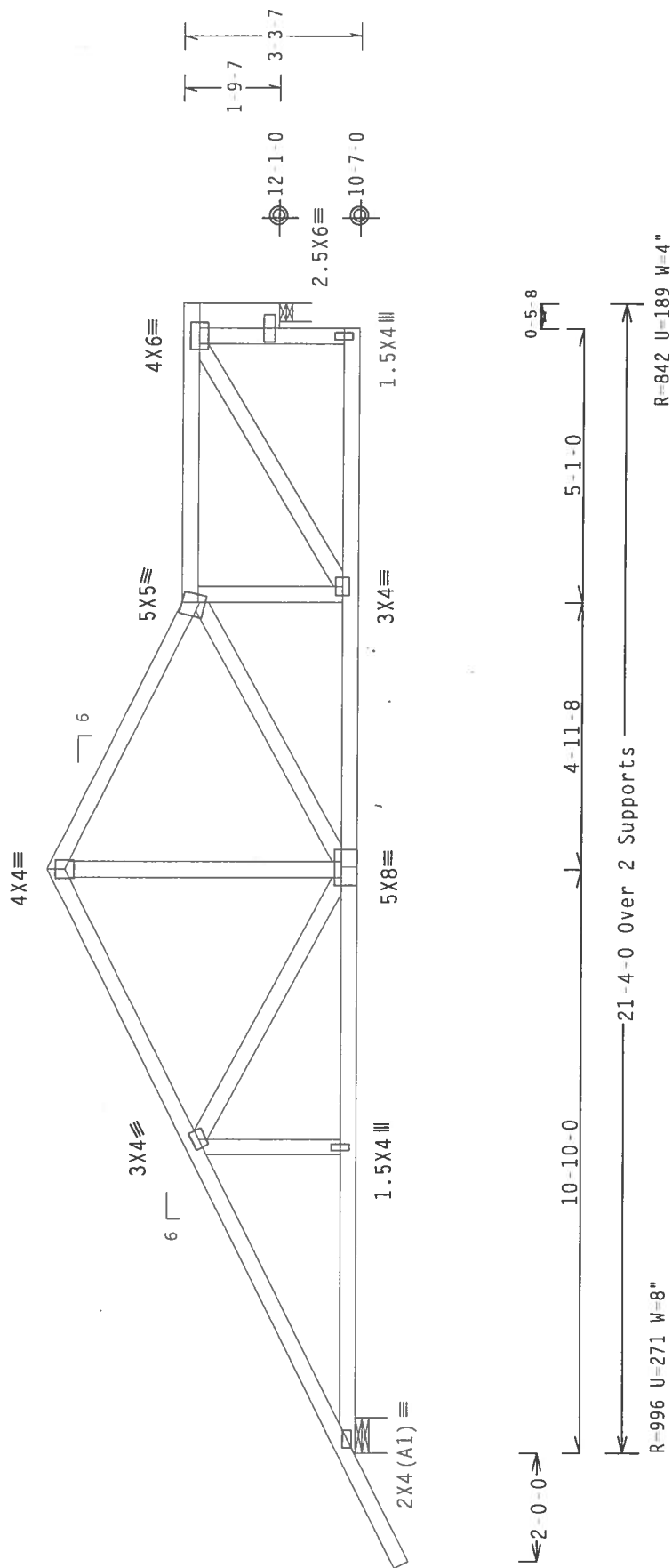
Scale = 25"/ft +

TC LL	20.0	PSF	REF	R487 --	36643
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196025
BC LL	0.0	PSF	HC - ENG	TCE/NE	*
TOT.LD.	40.0	PSF	SEQN -	92812	
DUR.FAC.	1.25				
SPACING	24.0"		JREF -	1SFH487	701



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2:

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



PLT TYP. Wave TPI

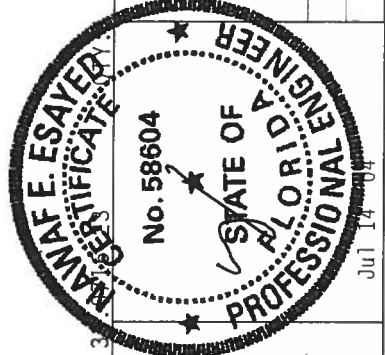
Design Crit: TPI-1995(STD)/FBC

6.33

FL 1-141-1-1R1-

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF R487 - - 36644
TC DL	10.0 PSF	DATE 07/14/04
BC DL	10.0 PSF	DRW HCURS487 04196026
BC LL	0.0 PSF	HC-ENG TCE/NE
TOT.LD.	40.0 PSF	SEQN - 92836
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SF487_Z01



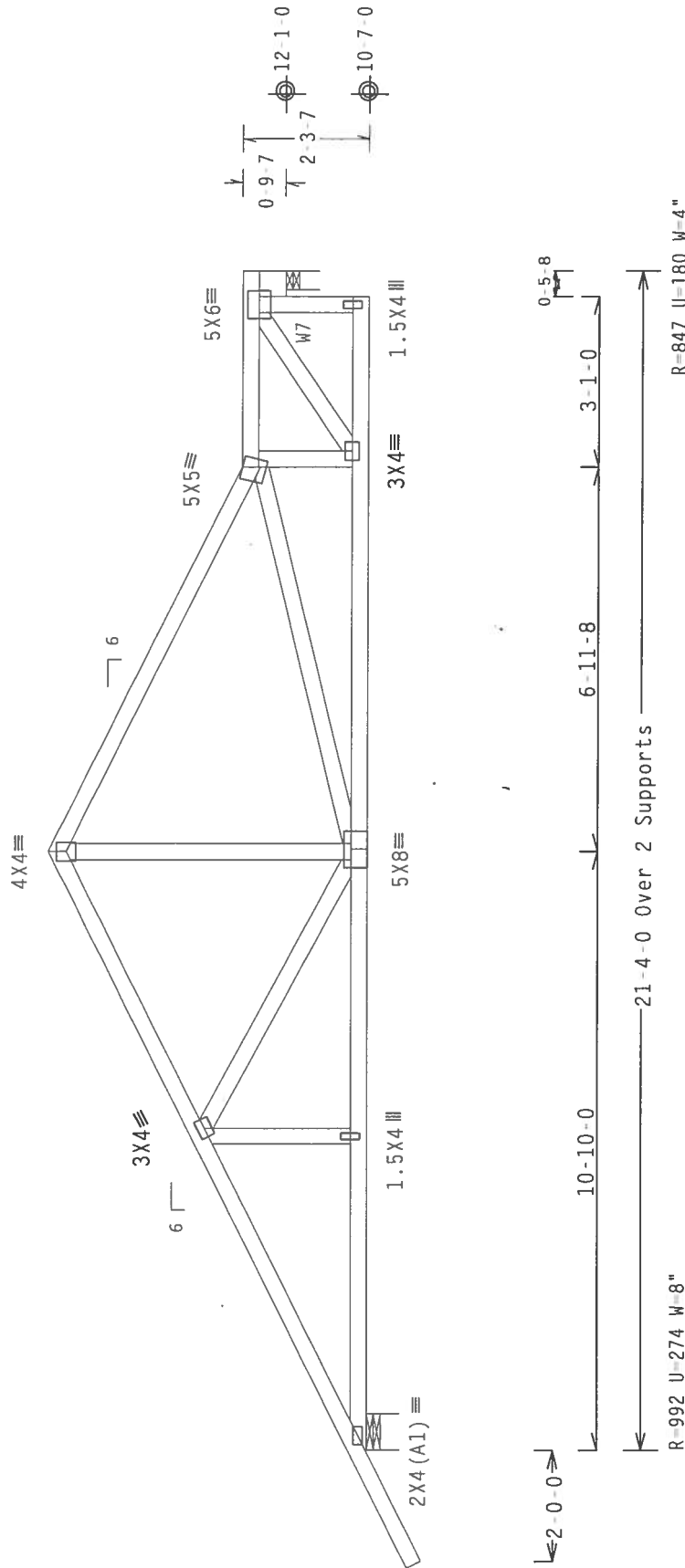
FL Certificate of Authorization # 567

(294-CARMEN FAVORITO - C1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W7 2x4 SP #2 Dense:
:Rt Bearing Leg 2x6 SP #2:

110 mph wind, 13.11 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, 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.



PLT TYP. Wave TPI

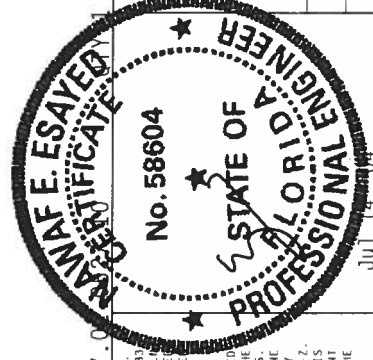
Design Crit: TPI-1995(STD)/FBC

7.0

FL/-4/-/R/-

Scale = .3125"/Ft.

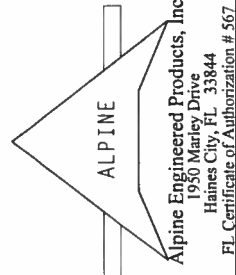
TC LL	20.0 PSF	REF	R487--	36645
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196027
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	34553	REV
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SEH487_Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1995(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI-1995(STD)/FBC. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS BEING BUILT IN ACCORDANCE WITH THE DESIGN. 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-1995(STD)/FBC OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI-1995(STD)/FBC. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS BEING BUILT IN ACCORDANCE WITH THE DESIGN. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2

:Rt Bearing Leg 2x6 SP #2:



6.3

FL/-/4/-/-/R/-

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. 103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 5922 O'CONNOR DR., SUITE 200, MADISON, WI 53719, AND WEA UPON TRUSS CONNECTIONS OF AMERICA, 6300 ENTERPRISE RD., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO VERTICAL 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 DESIGN CONFORMS WITH APPLICABLE PREVIOUS EDITIONS OF THE SPECIFICATIONS, INCLUDING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONDITIONS ARE APPLICABLE PER THE FOLLOWING: (A) ALL TRUSSES SHALL BE MADE OF STEEL. ALL TRUSS CHORDS AND PLATES ARE MADE OF 20/10/16GA. U.S. ASTM A563 GRADE 40FC. ALL TRUSS GUSSET PLATES ARE MADE OF 20/10/16GA. U.S. ASTM A563 GRADE 40FC. ALL TRUSS CHORDS AND PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS TGN 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC 3. A SEAL ON THE DRAINING SIDE. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWING. THE AVAILABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

FL Certificate of Authorization # 567
Haines City, FL 33844

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2:

:Rt Bearing Leg 2x6 SP #2:



R-842 U-204 W-4"

6.33

FL 1-141-1-1R1-

TC LL	20.0 PSF	REF	R487 - - 36647
TC DL	10.0 PSF	DATE	07/14/04

BC DL	10.0 PSF	HC-ENG TCE/NE	DKW HCUSR487 04196020
BC LL	0.0 PSF	SEQN-	92858
TOT.LD.	40.0 PSF		
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SEH487 701

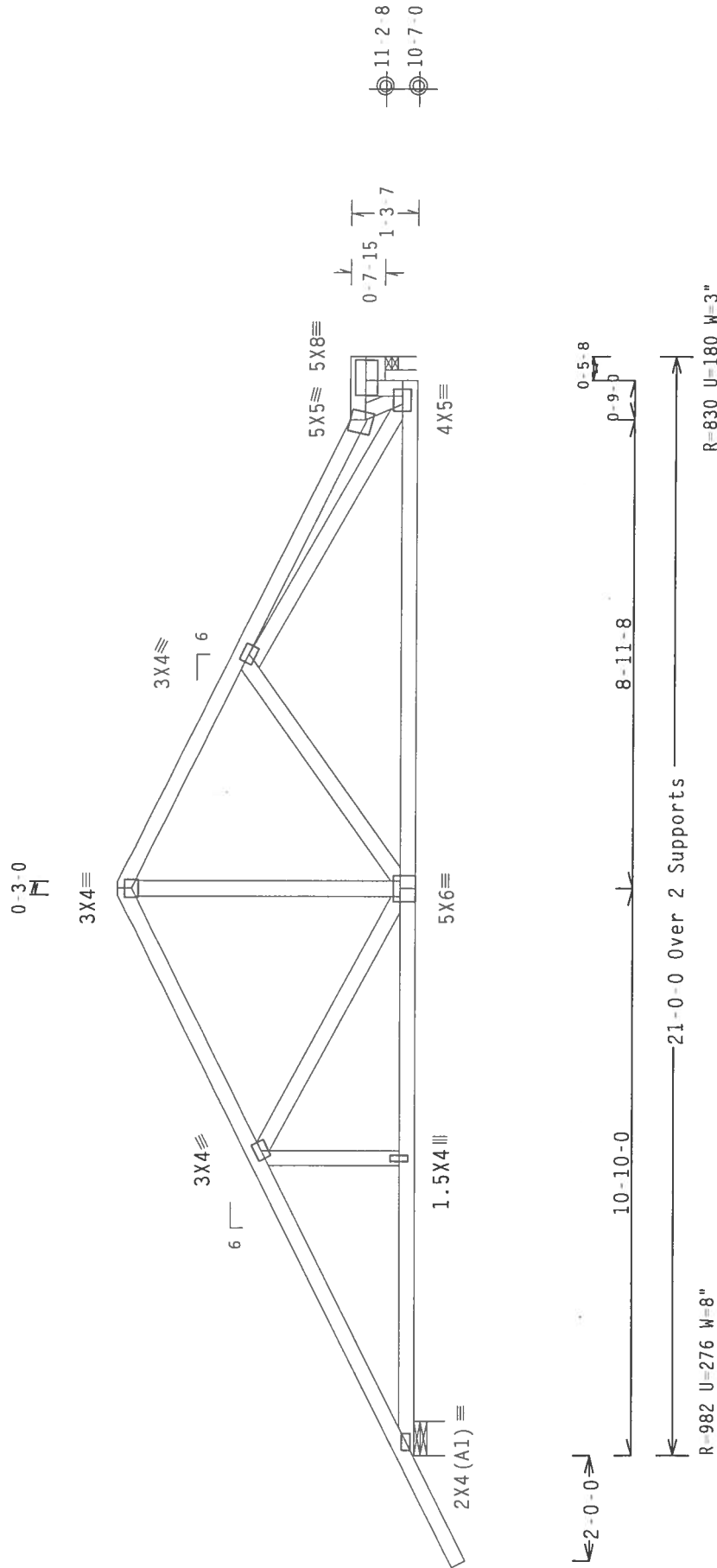
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

110 mph wind, 13.07 ft mean hgt, ASCE 7-98, 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.

:Rt Bearing Leg 2x6 SP #2:

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



PLT_TYP: Wave TPI

Design Crit: TPI-1995 (STD)/ERC

0

EI 1-1A1-1-1B1-

Scale - 3125"/E+

TC LL	20.0	PSF	REF	R487 - -	36648
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196030
BC LL	0.0	PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0	PSF	SEQN-	34563	REV
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SEH487	Z01



ALPINE

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

FL Certificate of Authorization # 567

(294-CARMEN FAVORITO - C-1)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -2.13 to 60 PLF at 21.33
BC - From 4 PLF at -2.13 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 21.33
BC - *849 LB Conc. Load at 10.06
BC - *626 LB Conc. Load at 12.06
BC - *639 LB Conc. Load at 14.06, 16.06, 18.06
BC - *624 LB Conc. Load at 20.06

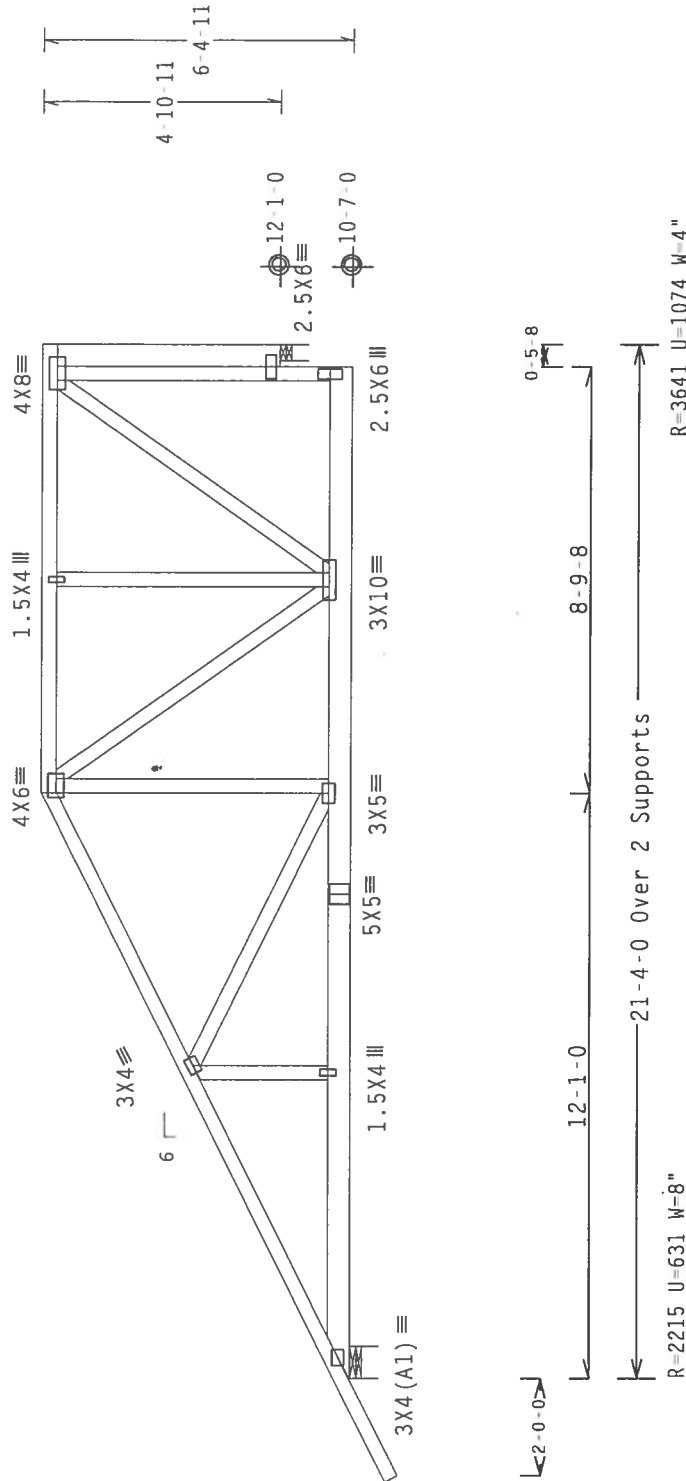
* Provide connection for concentrated load(s) shown.

2 COMPLETE TRUSSES REQUIRED

NAILING SCHEDULE: (10d common nails)
TOP CHORD: 1 ROW @ 12" O.C.
BOT CHORD: 1 ROW @ 9" O.C.
WEBS : 1 ROW @ 4" O.C.
USE EQUAL SPACING BETWEEN ROWS AND STAGGER NAILS
IN EACH ROW TO AVOID SPLITTING.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.



PLT TYP.. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

FL / - / 4 / - / - / R / -

Scale = .25" / Ft.

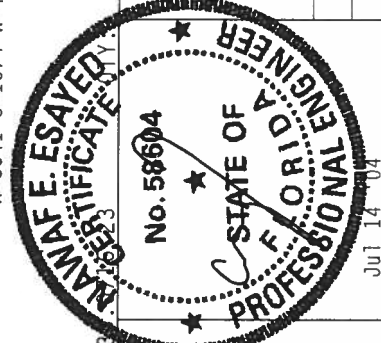
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), 1.04 (INSTALLATION AND BRACING), 1.05 (CONNECTIONS), 1.06 (LOADS), 1.07 (WIND), 1.08 (SEISMIC), 1.09 (FLOORING), 1.10 (ROOFING), 1.11 (WALLS), 1.12 (CEILING), 1.13 (DOOR/DOOR CASE, SUITE, 200, MADISON, WI 53719), AND MECA (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 NAIIP) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (N-H/5/8) ASTM A653 GRADE 40/60 (M. 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 AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS CONNECTION PLATE SHALL BE OBTAINED FROM THE DESIGNER. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R487--	36649
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196031
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	93147	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SEH487_Z01	



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



110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

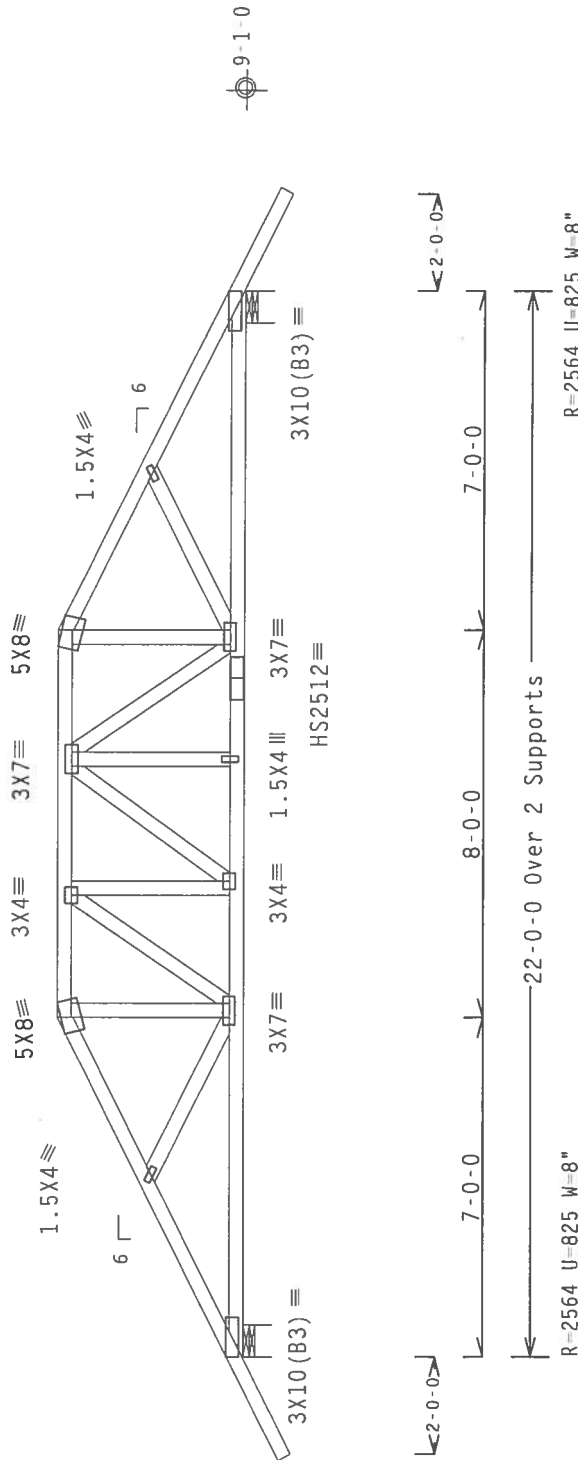
Deflection meets L/360 live and L/240 total load.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	60 PLF at -2.13 to	60 PLF at 24.13
BC - From	4 PLF at -2.13 to	4 PLF at 0.00
BC - From	20 PLF at 0.00 to	20 PLF at 22.00
BC - From	4 PLF at 22.00 to	4 PLF at 24.13
TC -	*420 LB Conc. Load at 7.00,	15.00
BC -	*400 LB Conc. Load at 7.00,	15.00
BC -	*732 LB Conc. Load at 7.35,	14.65

* Provide connection for concentrated load(s) shown.



PLT TYP. 20 Gauge HS.Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

FL1-141-1-1R1-

Scale = 25"/Ft

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SPECIFICATIONS FOR COMPLETION INFORMATION. PUBLISHED BY IPTI (TRUSS PLATE INSTITUTE), 9800 WOODLAWN BLVD., SUITE 100, DALLAS, TEXAS 75243. PHONE (214) 357-6100 FAX (214) 357-6101. E-MAIL IPTI@AOL.COM. © 1998. ALL RIGHTS RESERVED.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE USER SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. DESIGNER CONSENTS WITH THIS CHANGE PROVIDING FABRICATING, HANDLING, SHIPPING, INSTAL-
LATION AND MAINTENANCE SPECIFICATIONS ARE AS SHOWN.
CONNECTOR PLATES ARE MADE OF 20/18/16GA OR W/25% ASTM A563 CARBON STEEL.
PLATES TO EACH FACE OF TRUSS AND OTHERS OTHERWISE LOCATED IN THIS DESIGN.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX X3 OF TP11 2002 SE-
COND EDITION DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLE
DESIGNER SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS
BUILDING DESIGNER PER ANNEX/TP11 SEC. 2.

****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
DESIGN IN ACCORDANCE WITH THE PRESENT FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TO TRUSS THE
CONNECTIONS WITHIN THE TRUSS WILL BE THE RESPONSIBILITY OF THE USER AND/OR THE ERECTOR. ALPINE
CONNECTOR PLATES ARE MADE OF 2018/T6AL (H V/SZ) ASTM A953 G0505/HB. ALL PIPES AND FITTINGS, PIPELINES,
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 4 OF IPTI 2002 SEC. 3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANNEX 1 SEC. 2.

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 12549
J. M. Smith

BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	SEE ABOVE

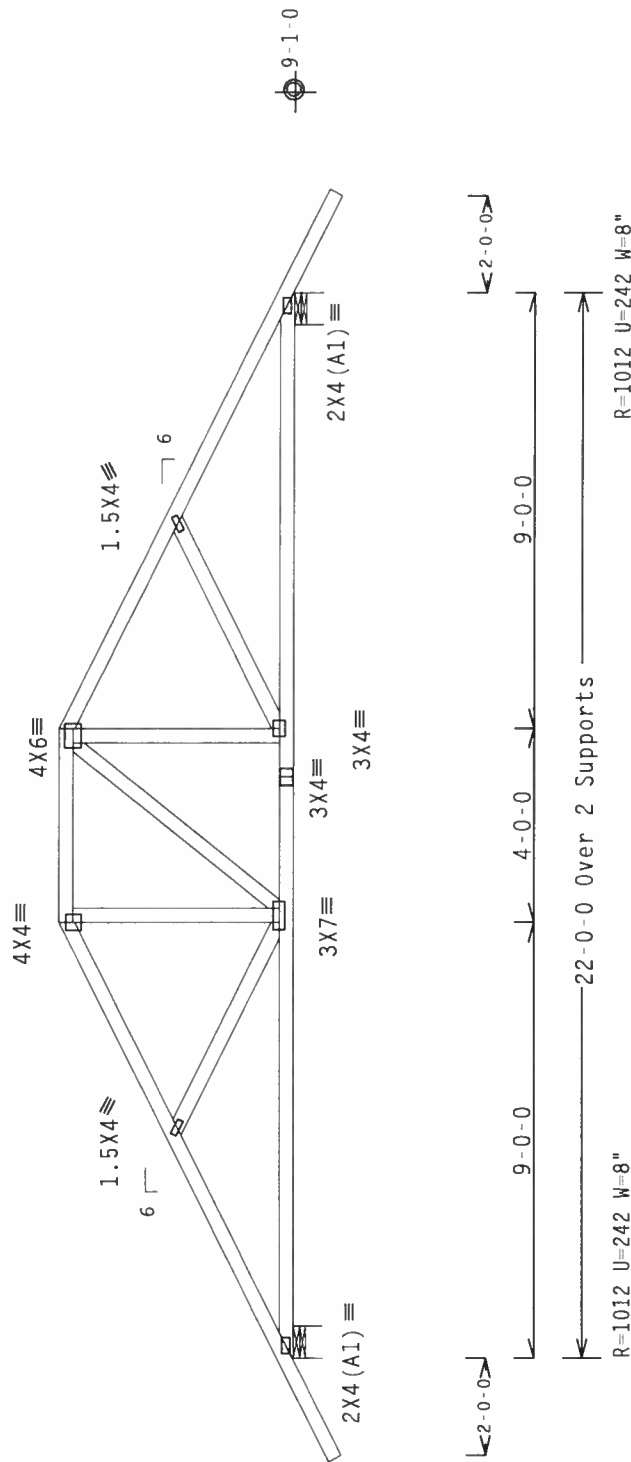
DRW	HCUSR487	0419603
HC-ENG	TCE/NE	
SEQN-	93407	
REF	155H407	201

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

FL Certificate of Authorization # 567

110 mph wind, 11.15 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .25"/Ft.

TC LL	20.0	PSF	REF R487 - - 36651
TC DL	10.0	PSF	DATE 07/14/04
BC DL	10.0	PSF	DRW HCURS487 04196033
BC LL	0.0	PSF	HC-ENG TCE/NE *
TOT.LD.	40.0	PSF	SEQN - 92977
DUR.FAC.	1.25		
SPACING	24.0"		JREF - 1SEH487_Z01

A circular professional engineer seal for NANA F. ESAYED, State of Florida, No. 58604. The seal features the text "NANA F. ESAYED" at the top, "STATE OF FLORIDA" in the center, and "PROFESSIONAL ENGINEER" at the bottom. The number "No. 58604" is on the left. The expiration date "Jul 14, 04" is on the right. A signature is written across the center.

ALPINE

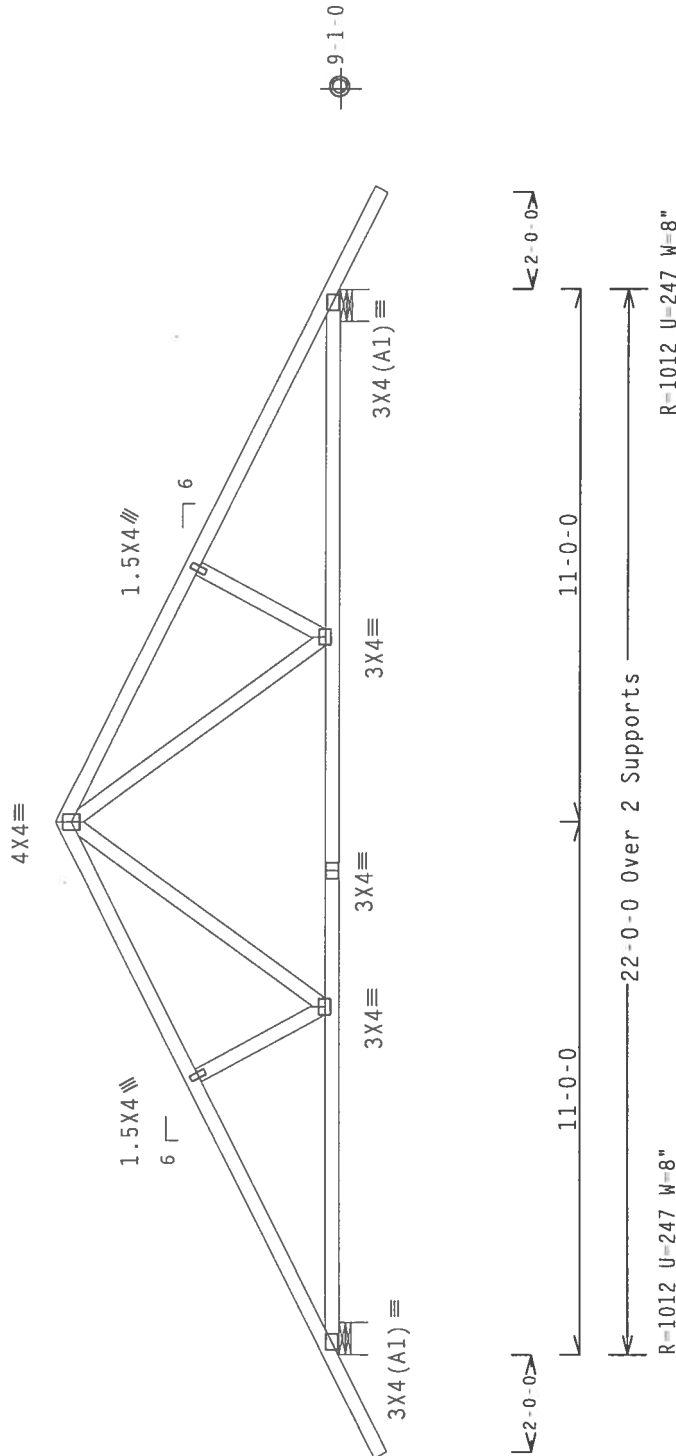
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

FL Certificate of Authorization # 567
Haines City, FL 33844

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 11.65 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

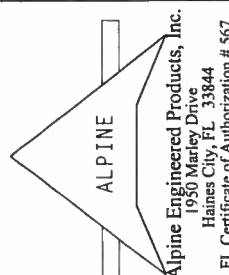
6.2

FL/-4/-/R/-

Scale = .25"/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, 58 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., 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.

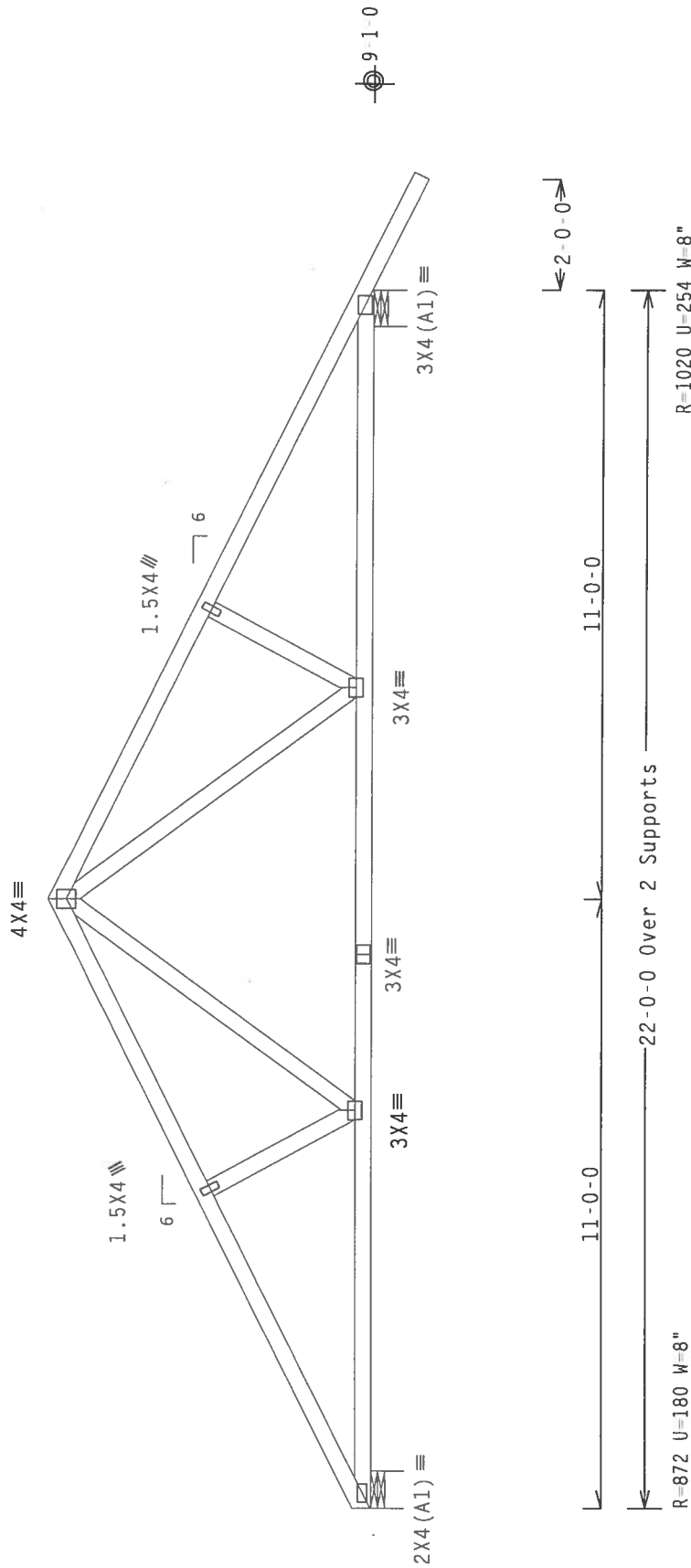
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONTRACTORS MUST PROVIDE DESIGN SPEC. BY ATAP (ALPINE TRUSS ASSOCIATION) AND TPI (TRUSS PLATE INSTITUTE) TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEA 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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R487 - 36652
TC DL	10.0 PSF	DATE 07/14/04
BC DL	10.0 PSF	DRW HCUSR487 04196034
BC LL	0.0 PSF	HC-ENG TCE/NE *
TOT.LD.	40.0 PSF	SEQN - 92983
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1SEH487_Z01

110 mph wind, 11.65 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FRC

6.32

FI 1-1A1-1-1B1-

Scale = 3125"/E+

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-800 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'NEAR RD., SUITE 200, MADISON, WI 53745) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., FORT MONROE, VA 22031) FOR BEST PRACTICES RELATIVE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES MUST BE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRACING.

****IMPORTANT**** FURNISH 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 COMPONENTS IN ACCORDANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS DESIGNER. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) AND NFPA-909. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/4X1/2") ASTM A653 GRADE 40/60 (W/ 6/16 S) GALV. STEEL. ALL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TP11-2002 SEC-3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

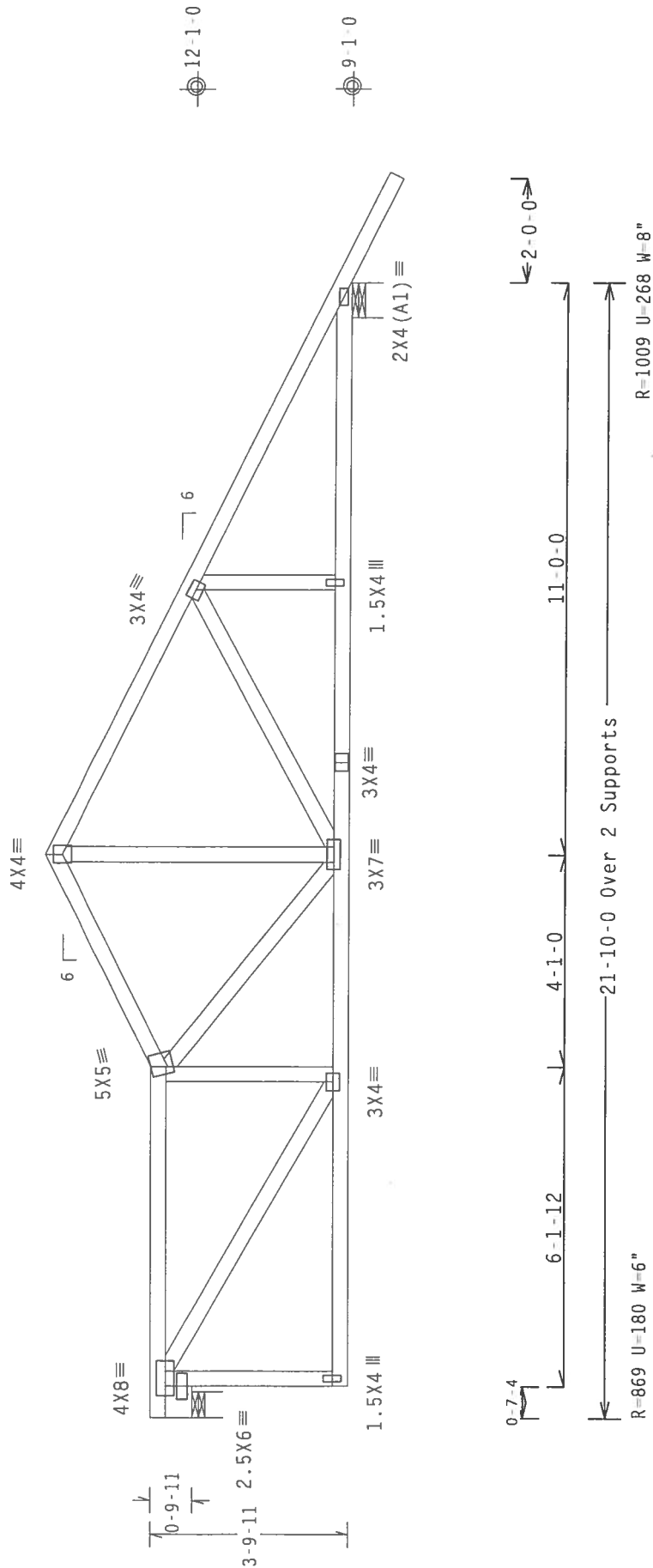


(294 - CARMEN FAVORITO - D1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Bearing Leg 2x8 SP SS:

110 mph wind, 11.65 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

FL/-4/-1/-R/-

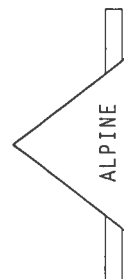
Scale = .3125" / Ft.

TC LL	20.0 PSF	REF	R487 - -	36654
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196036
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	92999	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487_Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE BUILDING RESEARCH CORPORATION, 400 MADISON DR., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE, W. 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 NDS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASIM A653 GRADE 40/60 (M. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE. PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



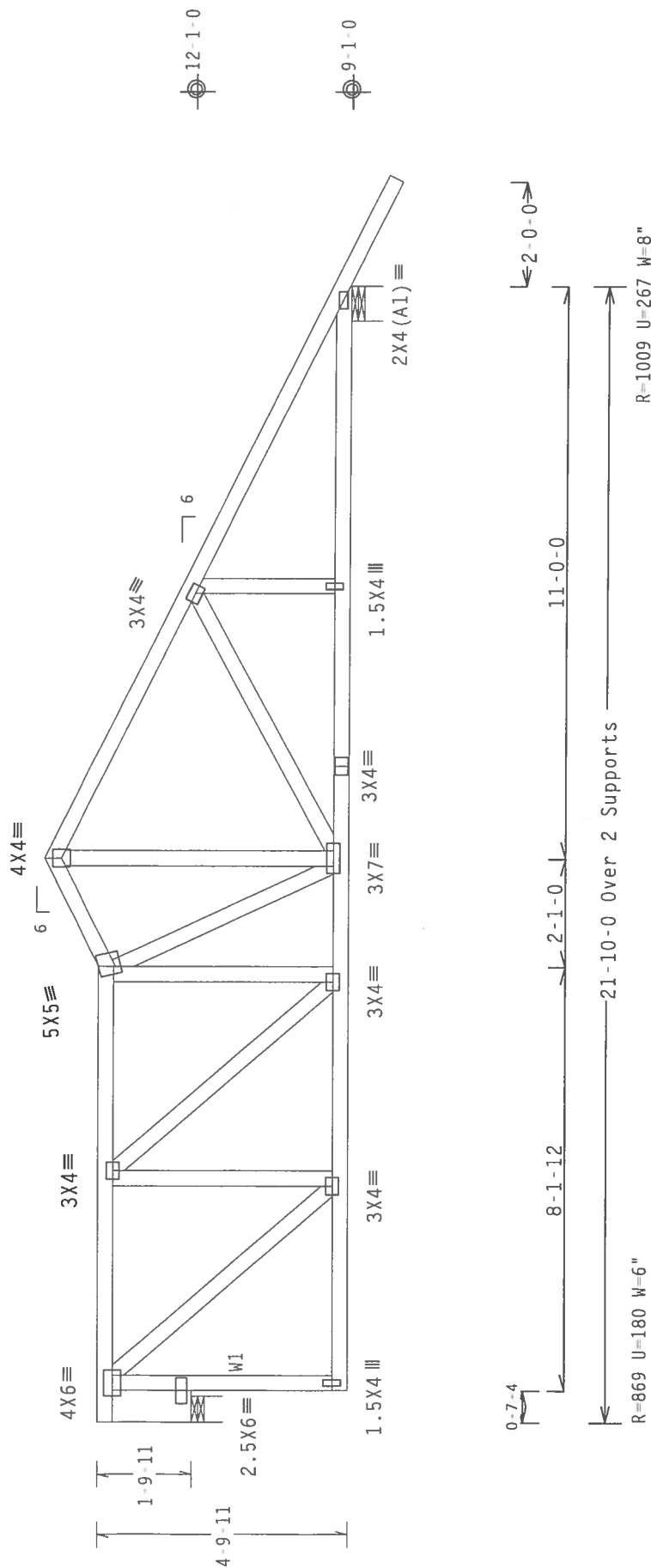
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:
:Lt Bearing Leg 2x8 SP SS:

110 mph wind, 11.65 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

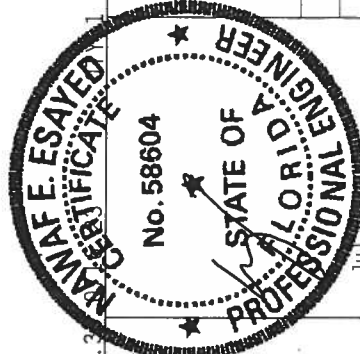
FL/-4/-/R/-

Scale = .3125" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 1000 D'ONOFIO DR., SUITE 200, MADISON, WI 53719, AND METAL 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 ENGINEERS, 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 CONNECTION PLATES ARE MADE OF 20/18/16GA (14-H/5X3) ASTM A653 GRADE 40/60 (40-50 KSI) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER. THE SEAL IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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



TC LL	20.0 PSF	REF	R487 --	36655
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196037
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	93008	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SEH487	Z01

2 COMPLETE TRUSSES REQUIRED

NAILING SCHEDULE: (10d common nails)

TOP CHORD: 1 ROW @ 12" O.C.

BOT CHORD: 1 ROW @ 5" O.C.

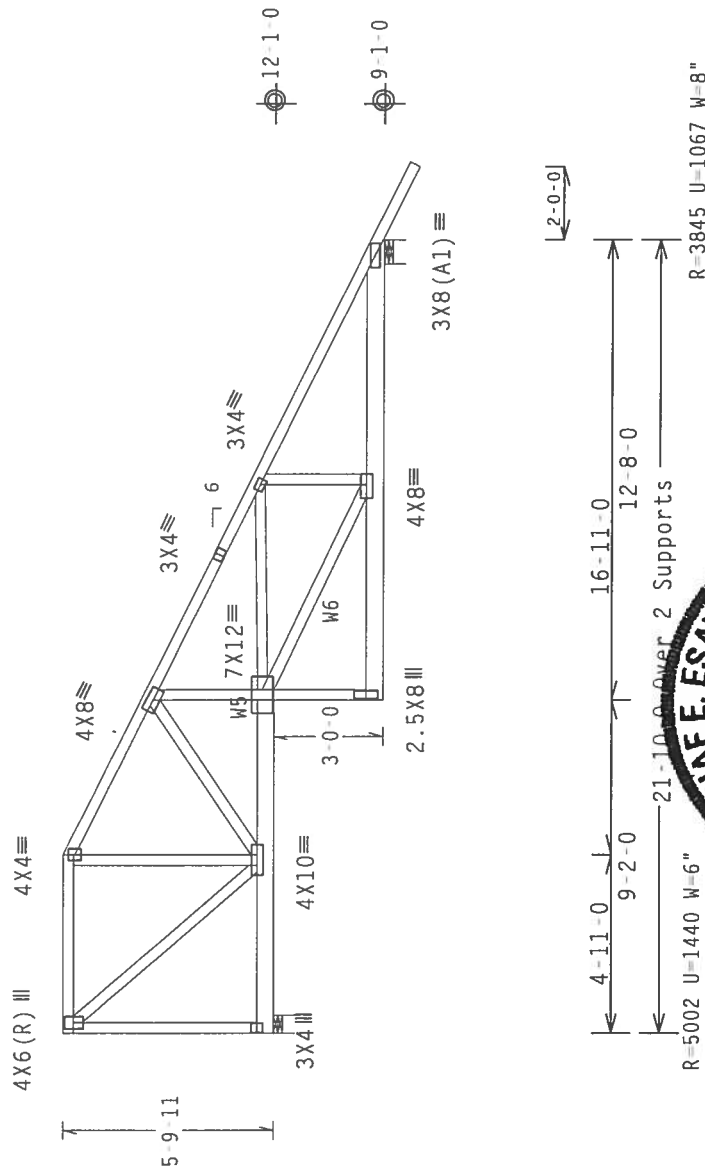
WEBS : 1 ROW @ 4" O.C.

USE EQUAL SPACING BETWEEN ROWS AND STAGGER NAILS IN EACH ROW TO AVOID SPLITTING.

110 mph wind, 15.00 ft mean hgt., ASCE 7-98, 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.

Max JT VERT DEFL: LL: 0.15" DL: 0.15" recommended camber 1/4"

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

FI 1-141-1-1R/-

Scale = 1875"/Ft

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS 1.03 (BUILDING COMMISSION), PUBLISHED BY THE CHESAPEAKE PLATE INSTITUTE, 583 WEST 10TH STREET, SUITE 100, CHESAPEAKE, VIRGINIA 22024-1000, FOR THE LATEST VERSION OF THE CHESAPEAKE PLATE INSTITUTE'S DESIGN AND CONSTRUCTION STANDARDS. CONSULT WITH THE CHESAPEAKE PLATE INSTITUTE IN MADISON, WISCONSIN, 47537-1910, FOR INFORMATION CONCERNING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL THUSSES SHALL HAVE PROPERLY ATTACHED TOP 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 SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS SYSTEMS IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY ACPA AND TPCE. CONNECTOR PLATES ARE MADE OF 20/18/16GA (.4125IN) ASTM A653 GRADE 49/50 (K, K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS I60A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX AS OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER AMS/TP1 1 SEC. 2.

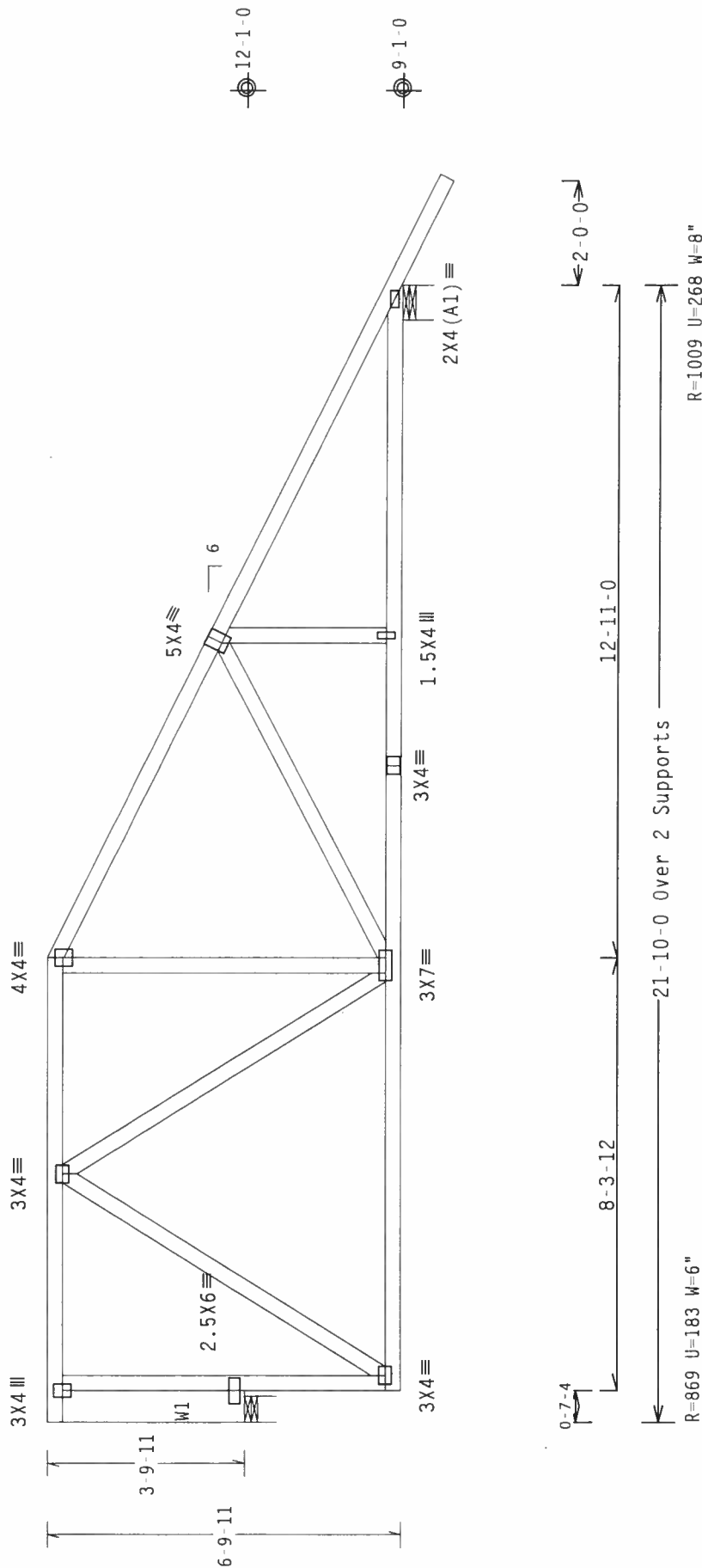
TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	

Professional Engineer Seal for the State of Florida, No. 58604, dated July 14, 2014.

FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:
:Lt Bearing Leg 2x8 SP SS:

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



PLT_TYP: Wave TPI

Design Crit: TPI-1995 (STD)/FBC

6.3

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487--	36658
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUR487	04196040
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	93018	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SEH487	Z01



ALPINE

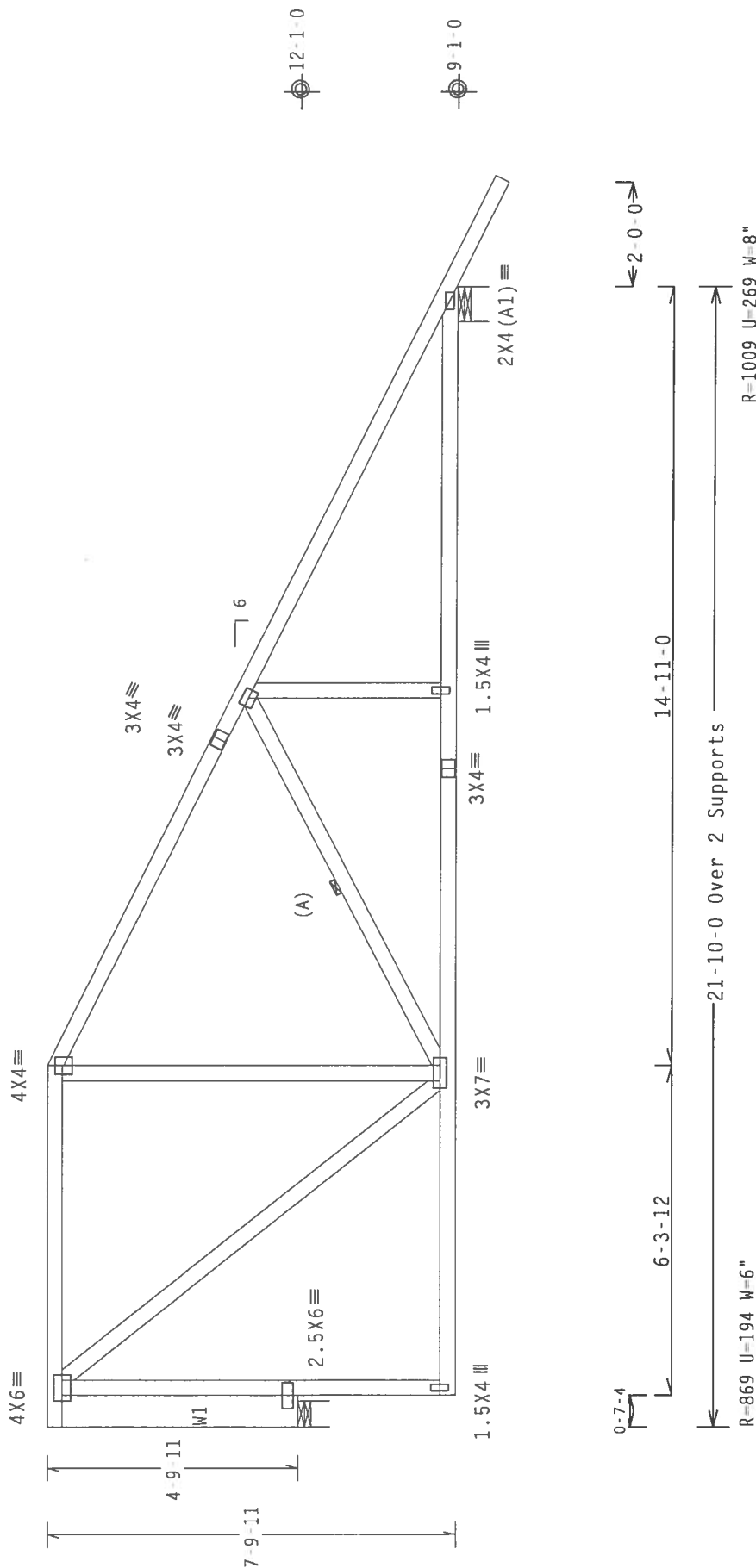
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:
:Lt Bearing Leg 2x8 SP SS:

(A) Continuous lateral bracing equally spaced on member.

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



PLT TYP.: Wave TPI

Design Crit: TPI-1995(STD)/FBC

3

FI 1-141-1-1R/-

Scale = 3125"/ft

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-800 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PULPIT INSTITUTE, 5810 WASHINGTON AVE., #37191, LONG SPRING, MISSOURI 64066-5195, AND TCA 4040, PUBLISHED BY THE TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE CIRCLE, #37191, LONG SPRING, MISSOURI 64066-5195, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. NEVER OVERSTRESS, INDICATED TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAIRS AND BOTTOM CHORDS SHALL HAVE PROPERLY ATTACHED TOP CHORDS. SEE TCA 4040 FOR MORE INFORMATION.

TC LL	20.0 PSF	REF	R487 -- 36659
TC DL	10.0 PSF	DATE	07/14/04

****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 DESIGN IN ACCORDANCE WITH THE FABRICATING, WELDING, SHOPPING, INSTALLING OR BRACING OF TRUSSES, OR THE DESIGN OF THE TRUSS COMPONENTS WILL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS COMPONENTS AND CONNECTOR PLATES ARE MADE OF 20/18/16GGA (40 KSI) A578 GRADE 40/66G (40 KSI) STEEL. PLATES TO EACH FACE OF TRUSS AND 1/4" THICKNESS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) 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 COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

BC DL	10.0 PSF	DRW	HCUSR48/ 04196041
BC LL	0.0 PSF		HC-ENG TCE/NE
TOT.LD.	40.0 PSF		SEQN- 93027
DUR.FAC.	1.25		
SPACING	24.0"		

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

FL Certificate of Authorization #

Top chord 2x6 SP #2
Bot chord 2x6 SP #1 Dense :B2 2x8 SP SS:
Webs 2x4 SP #3
:W2, W4, W16, W18 2x4 SP #2 Dense:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC From 60 PLF at 0.00 to 60 PLF at 37.00
BC From 20 PLF at 0.00 to 20 PLF at 37.00
BC *1003 LB Conc. Load at 15.06, 17.06

Truss must be installed as shown with top chord up.

* Provide connection for concentrated load(s) shown.

110 mph wind, 15.43 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

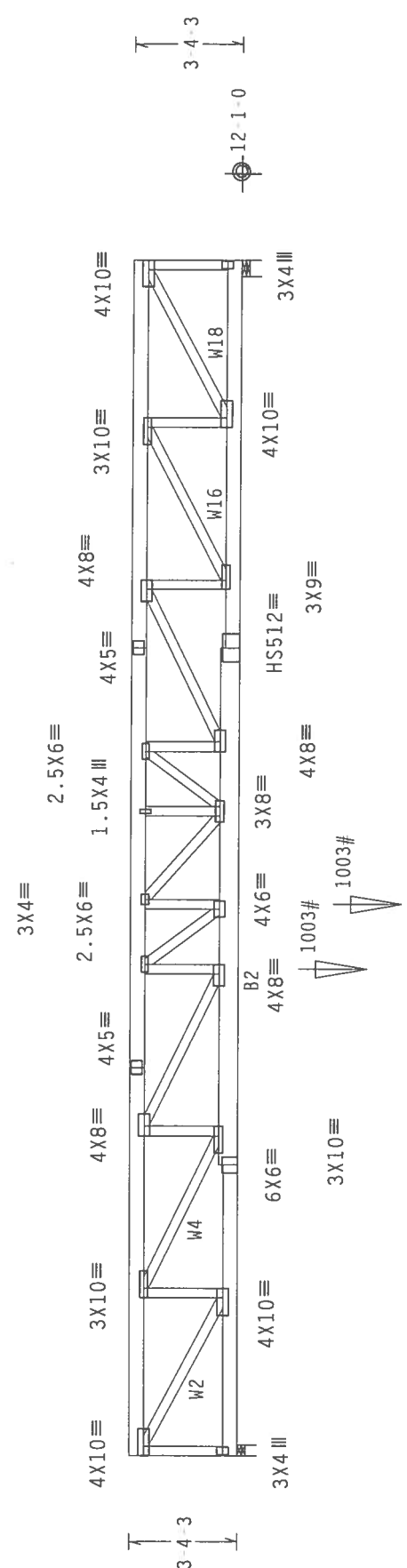
End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.52" DL: 0.52" recommended camber 7/8"

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

Calculated vertical deflection is 0.52" due to live load and 0.52" due to dead load at X = 16-11-0.

WARNING: THIS TRUSS MUST BE INSTALLED EXACTLY AS SHOWN.
IT CAN NOT BE USED INSTALLED END FOR END.



R=2615 U=664 W=4" 37'-0-0 Over 2 Supports R=2351 U=574 W=6"

PLT TYP. 20 Gauge HS.Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .1875"/Ft.

REF R487 -- 36661

DATE 07/14/04

DRW HCUSR487 04196044

HC-ENG TCE/NE

SEQN- 93337

DUR.FAC. 1.25

SPACING SEE ABOVE

JREF- 1SEH487_Z01

PLT TYP. 20 Gauge HS.Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .1875"/Ft.

REF R487 -- 36661

DATE 07/14/04

DRW HCUSR487 04196044

HC-ENG TCE/NE

SEQN- 93337

DUR.FAC. 1.25

SPACING SEE ABOVE

JREF- 1SEH487_Z01

PLT TYP. 20 Gauge HS.Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .1875"/Ft.

REF R487 -- 36661

DATE 07/14/04

DRW HCUSR487 04196044

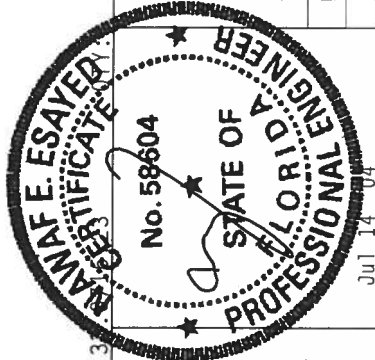
HC-ENG TCE/NE

SEQN- 93337

DUR.FAC. 1.25

SPACING SEE ABOVE

JREF- 1SEH487_Z01



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 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. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (M, 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 TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE RESULTING PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

(294 - CARMEN FAVORITO - F7F)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

End verticals not exposed to wind pressure.

Girder supports 7'-0" span to TC/BC split one face and 2'-0" span to TC/BC split opposite face.

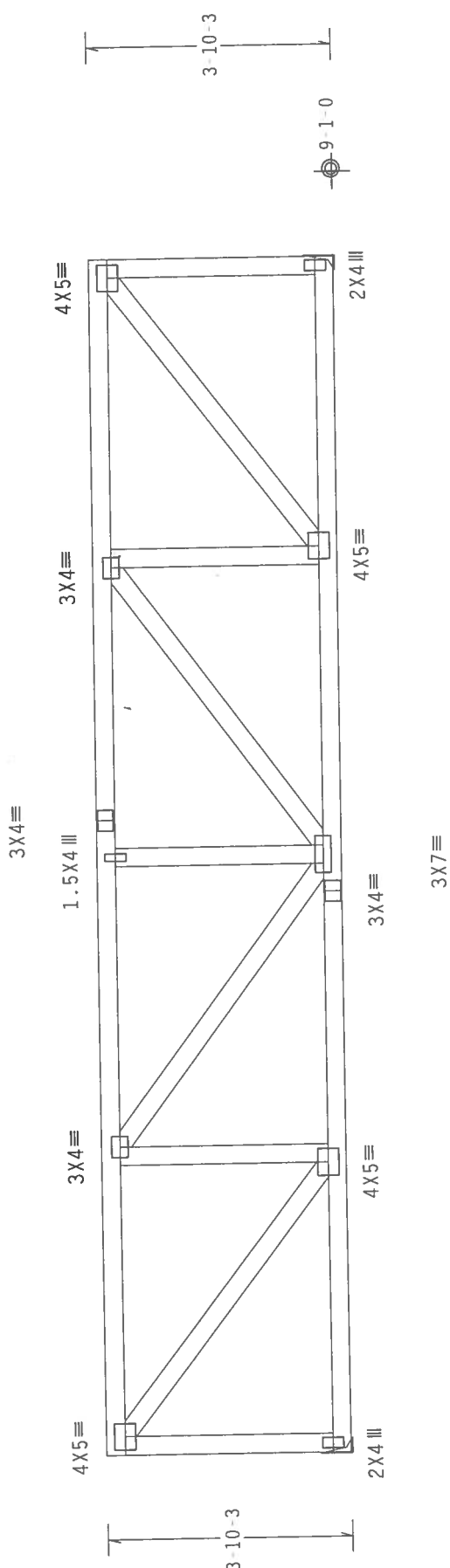
Deflection meets L/360 live and L/240 total load.

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

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

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Truss must be installed as shown with top chord up.



18-10-0 Over 2 Supports

R=1695 U=473 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=1695 U=473 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

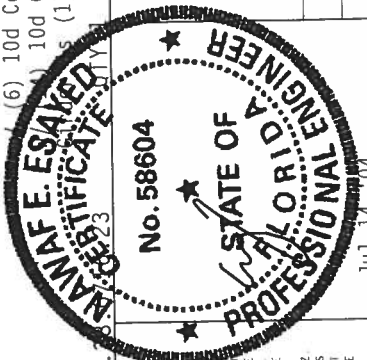
Scale = .375"/Ft.

PLT TYP. Wave TPI
Design Crit: TPI-1995(STD)/FBC
6.3.3.3

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO FOLLOW THE INSTRUCTIONS OF THE MANUFACTURER OR THE DESIGNER SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTRUCTIONS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTRUCTIONS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTRUCTIONS.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO FOLLOW THE INSTRUCTIONS OF THE MANUFACTURER OR THE DESIGNER SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTRUCTIONS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTRUCTIONS. THE TRUSS SHALL BE INSTALLED IN ACCORDANCE WITH THE TPI TRUSS PLATE INSTRUCTIONS.

REF	R487--	36662
DATE	07/14/04	
DRW	HCUSR487	04196045
HC-ENG	TCE/NE	
SEQN	93193	
DUR.FAC.	1.25	
SPACING	SEE ABOVE	
JREF	1SEH487_Z01	



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

(294 - CARMEN FAVORITO - F)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

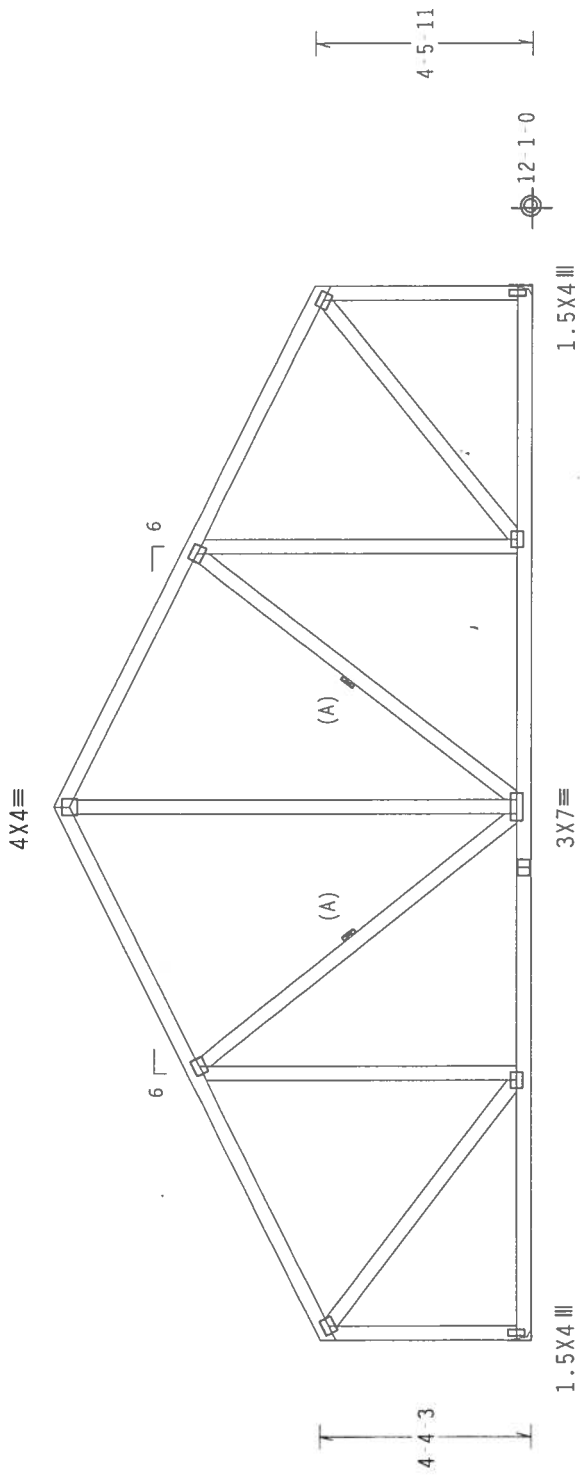
End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 19.18 ft mean hgt, ASCE 7-98, 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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



R-870 U=250 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

****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, 983 DUNDAS ST. W., SUITE 200, MISSISSAUGA, ONT. L4V 1L7) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE DR., SUITE 100, FORT WORTH, TEXAS 76116) FOR ADDITIONAL INFORMATION. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS AND FOR THE PROTECTION OF THE TRUSS FROM DAMAGE DURING HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE TRUSS FROM DAMAGE DURING HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE TRUSS FROM DAMAGE DURING HANDLING, SHIPPING, INSTALLING AND BRACING.

****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 IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN IN CONFORMANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (IN-H/5/K) ASTM A653 GRADE 40/60 (H, 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 TPI 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

R-870 U=252 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

MANUAL INSPECTION CERTIFICATE

No. 58604

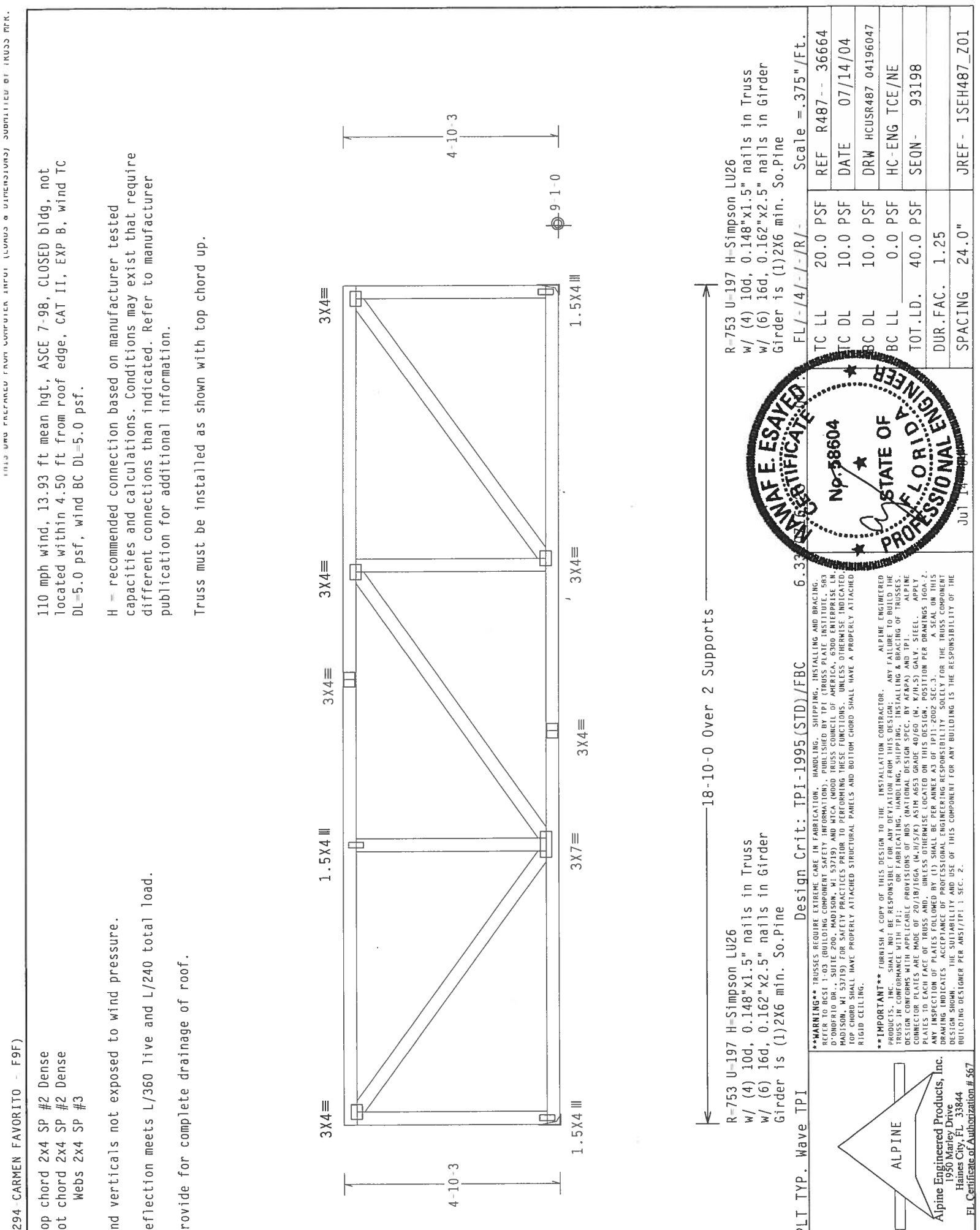
STATE OF FLORIDA

PROFESSIONAL ENGINEER

Jul 11 2004

TC LL	20.0 PSF	REF	R487 --	36663
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196046
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	93183	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487	Z01

Scale = .25" / Ft.



(294 CARMEN FAVORITO - F9F)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

End verticals not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.
Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.

110 mph wind, 13.93 ft mean hgt, ASCE 7-98, 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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Scale = .375"/Ft.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

R-753 U=197 H=Simpson LU26

w/ (4) 10d, 0.148"x1.5" nails in Truss

w/ (6) 16d, 0.162"x2.5" nails in Girder

Girder is (1)2X6 min. So.Pine

FL / - 4 / - / - / R / -

REF R487 -- 36664

DATE 07/14/04

DRW HCUSR487 04196047

HC-ENG TCE/NE

SEQN - 93198

JREF - 1SEH487_Z01

18-10-0 Over 2 Supports

1.5X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

3X4 III

(294 - CARMEN FAVORITO - FL11F)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 14.93 ft mean hgt, ASCE 7-98, 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.

End verticals not exposed to wind pressure.

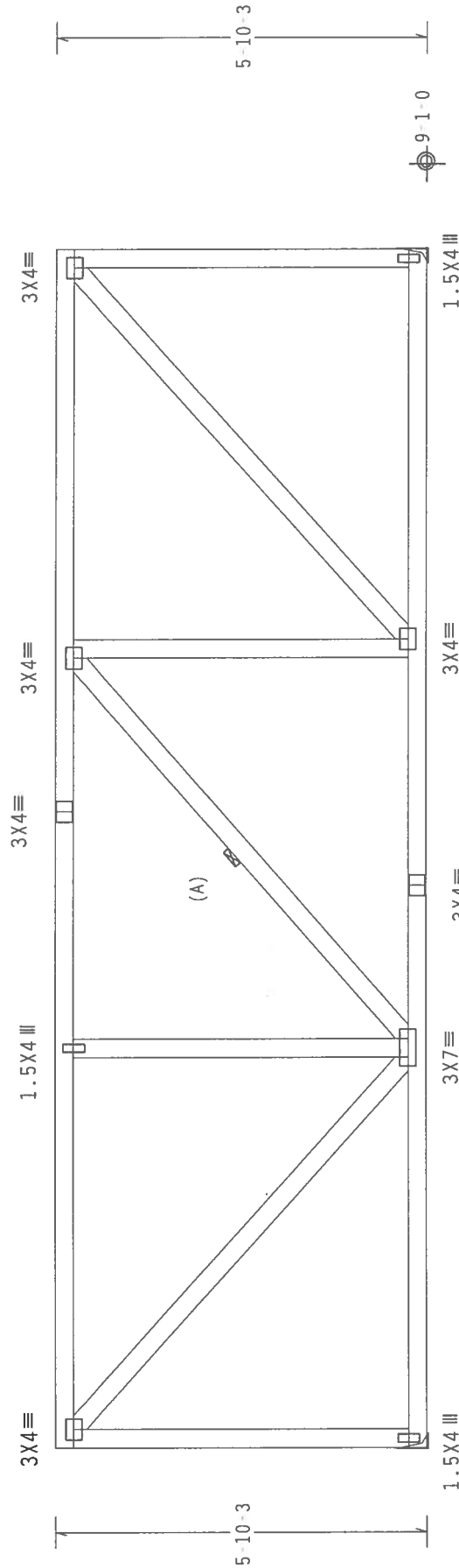
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

(A) Continuous lateral bracing equally spaced on member.

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

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



18-10-0 Over 2 Supports

R=753 U-210 H-Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

R=753 U-210 H-Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/ft.

FL/-4/-/-R/-

TC LL	20.0 PSF	REF	R487 --	36665
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196048
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	93202	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487	_Z01

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, 50 DUNDAS DR., SUITE 200, MADISON, WI 53719) AND TPIA (WOOD TRUSS ASSOCIATION, 1000 W. 15TH AVE., SUITE 100, DENVER, CO 80202) FOR TRUSS FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL BE FABRICATED TO MEET THE REQUIREMENTS OF THE TPIA AND TPIA STANDARDS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES 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 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 CONNECTOR PLATES ARE MADE OF 2018/16GA (M.H/S/K) ASTM A653 GRADE 40/60 (M. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.93 ft mean hgt, ASCE 7-98, 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.

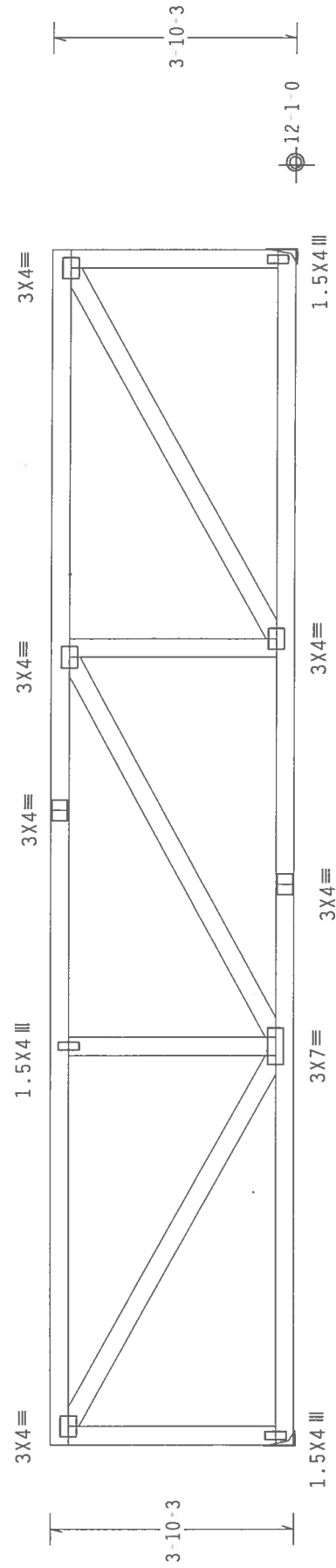
End verticals not exposed to wind pressure.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.

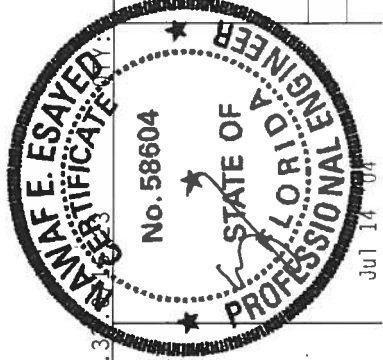


18-10-0 Over 2 Supports

R=753 U=222 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

R=753 U=222 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	6.3	FL/-4/-/-R/-	Scale = .375"/Ft.
ALPINE Alpine Engineered Products, Inc. 1950 Mayday Drive Haines City, FL 33844 FL Certificate of Authorization # 567		TC LL	20.0 PSF	REF R487 - - 36666
		TC DL	10.0 PSF	DATE 07/14/04
		BC DL	10.0 PSF	DRW HCUSR487 04196049
		BC LL	0.0 PSF	HC-ENG TCE/NE
		TOT.LD.	40.0 PSF	SEQN- 93206
		DUR.FAC.	1.25	
		SPACING	24.0"	JREF- 1SEH487_Z01



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****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (W. H/5/8) ASTM A653 GRADE 40/60 (W. K/H.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

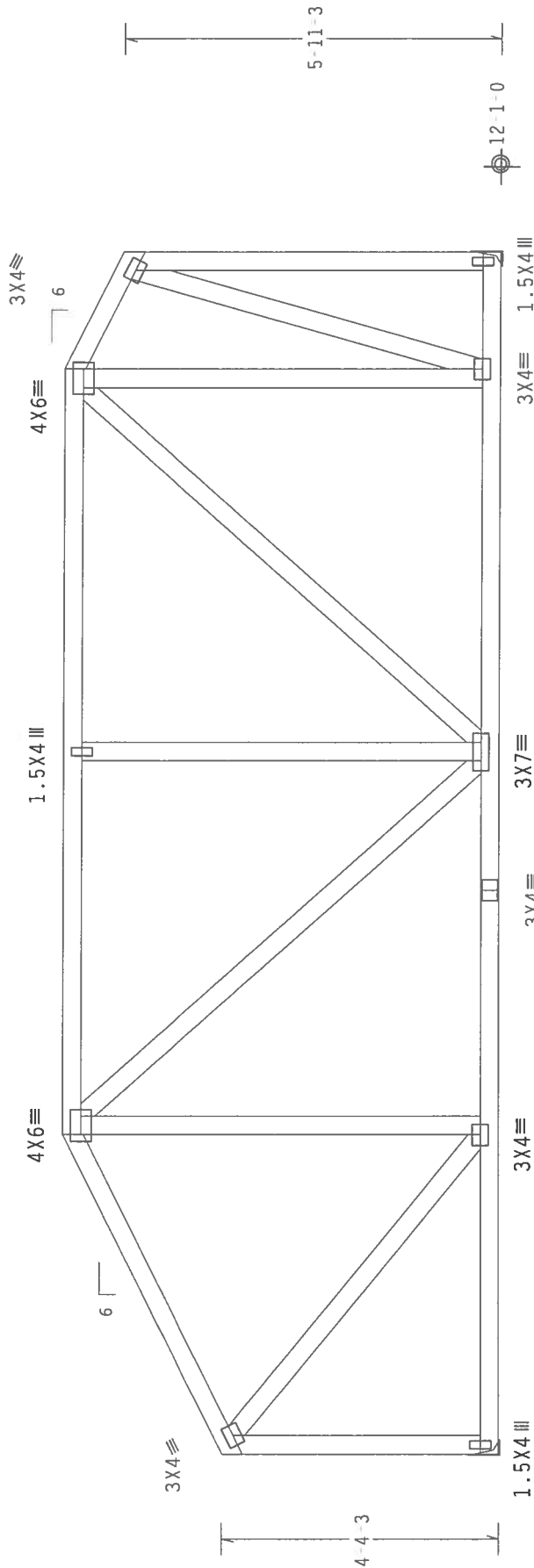
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

End verticals not exposed to wind pressure.

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

110 mph wind, 17.68 ft mean hgt, ASCE 7-98, 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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



R=753 U=220 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

R=753 U=255 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

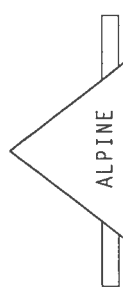
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/Ft.

FL/-4/-/-R/-

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI 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.		TC LL	20.0 PSF	REF	R487--	36667
		TC DL	10.0 PSF	DATE	07/14/04	
		BC DL	10.0 PSF	DRW	HCUSR487	04196050
		BC LL	0.0 PSF	HC-ENG	TCE/NE	
		TOT.LD.	40.0 PSF	SEON-	93212	
		DUR.FAC.	1.25			
		SPACING	24.0"	JREF-	1SEH487_Z01	



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1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

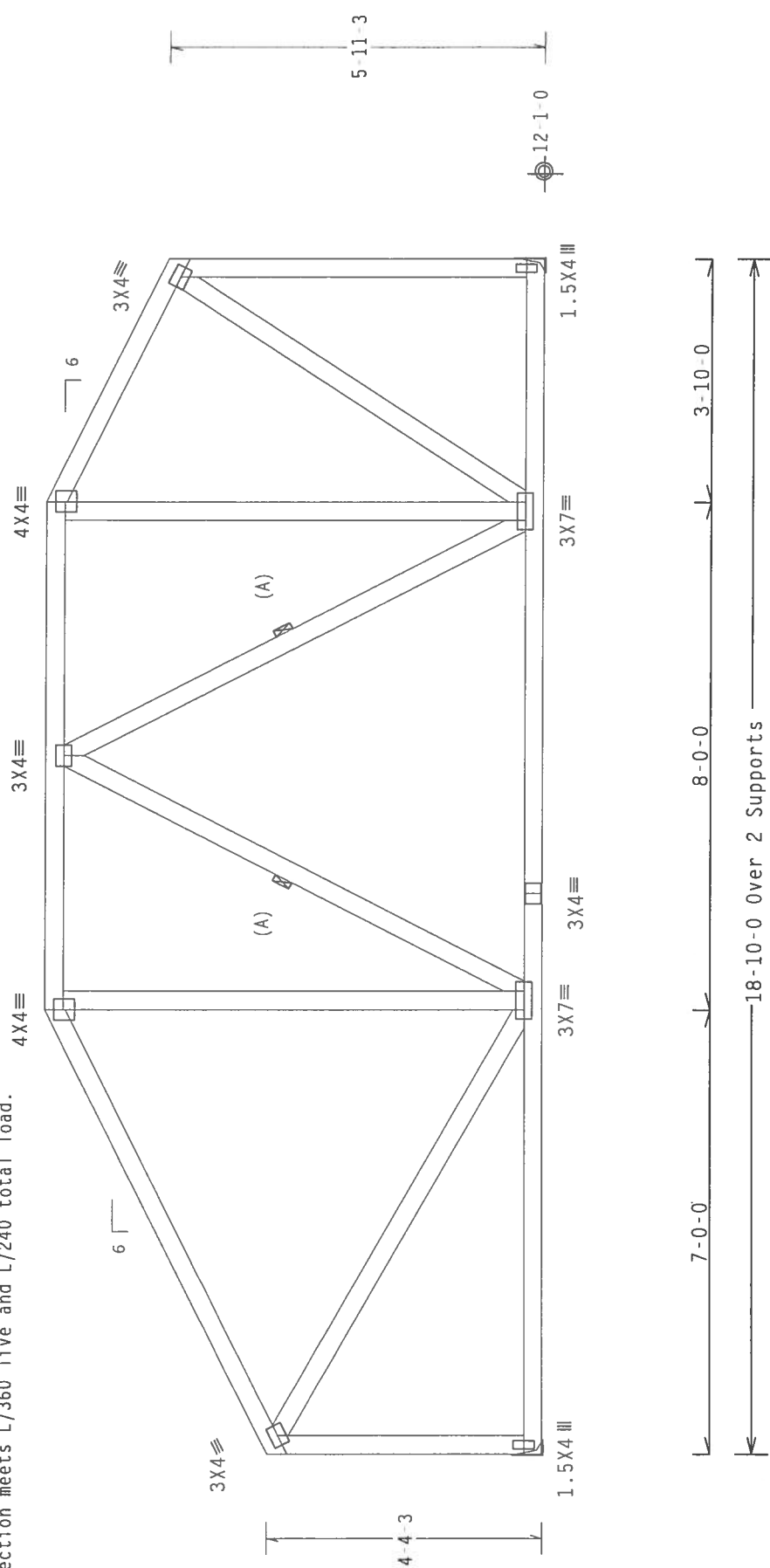
110 mph wind, 18.18 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

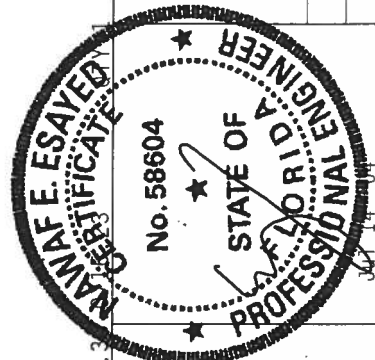
Deflection meets L/360 live and L/240 total load.



R=753 U=224 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

R=753 U=259 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI		Design Crit: TPI-1995 (STD)/FBC		Scale = .375"/Ft.	
FL - 4/- /- /R/-		6.3		REF R487 -- 36668	
TC LL		20.0 PSF		DATE 07/14/04	
TC DL		10.0 PSF		DRW HCUSR487 04196051	
BC DL		10.0 PSF		HC-ENG TCE/NE	
BC LL		0.0 PSF		SEQN - 93219	
TOT.LD.		40.0 PSF		DUR.FAC. 1.25	
SPACING		24.0"		JREF - 1SEH487_Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 5835 WISCONSIN AVE, 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. 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. CONNECTOR PLATES ARE MADE OF 2018/166A (W/H/S/M) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.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 SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

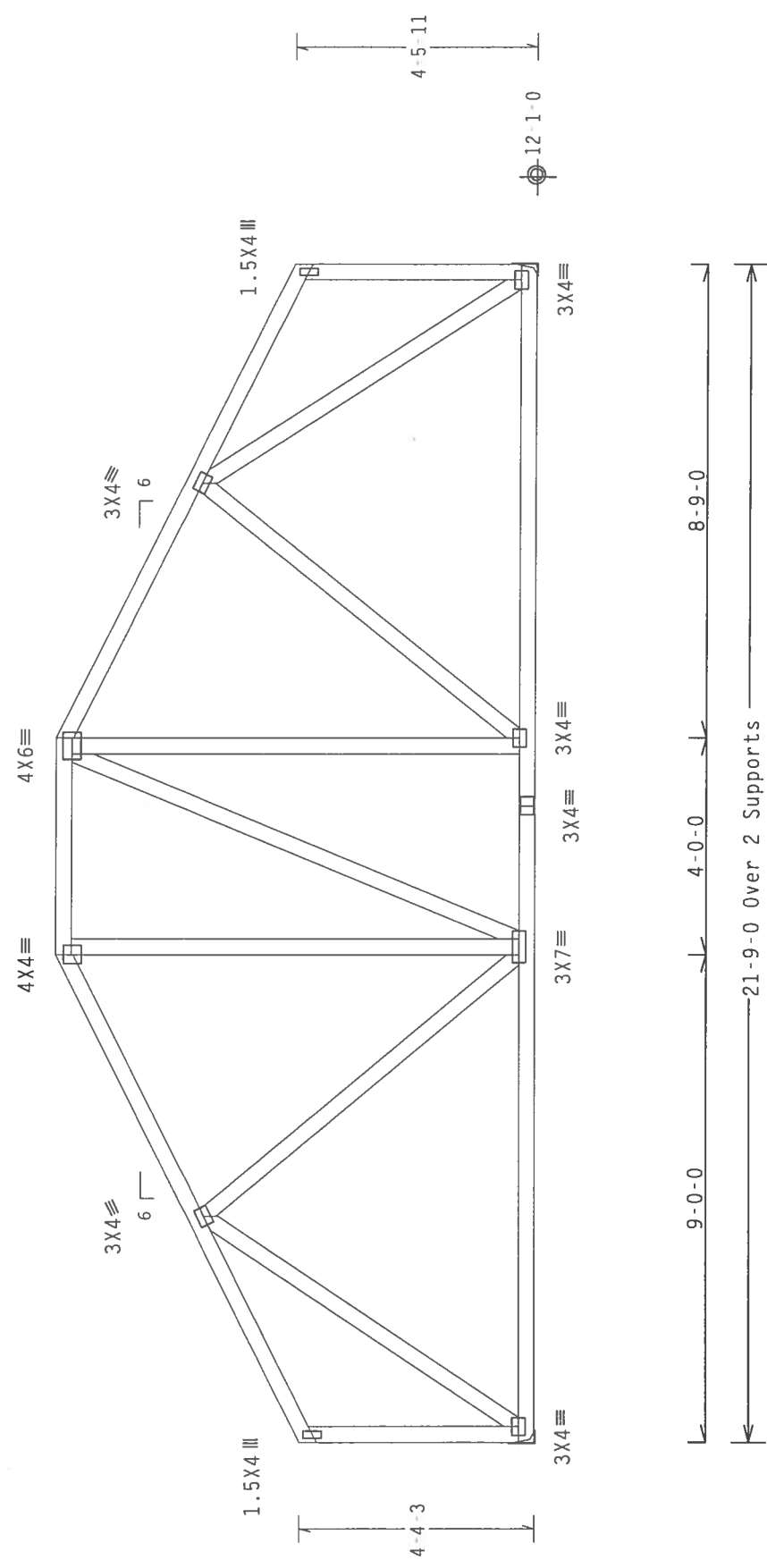
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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110 mph wind, 18.68 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

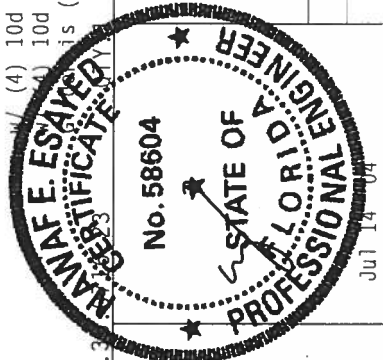
End verticals not exposed to wind pressure.

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



R=870 U-246 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

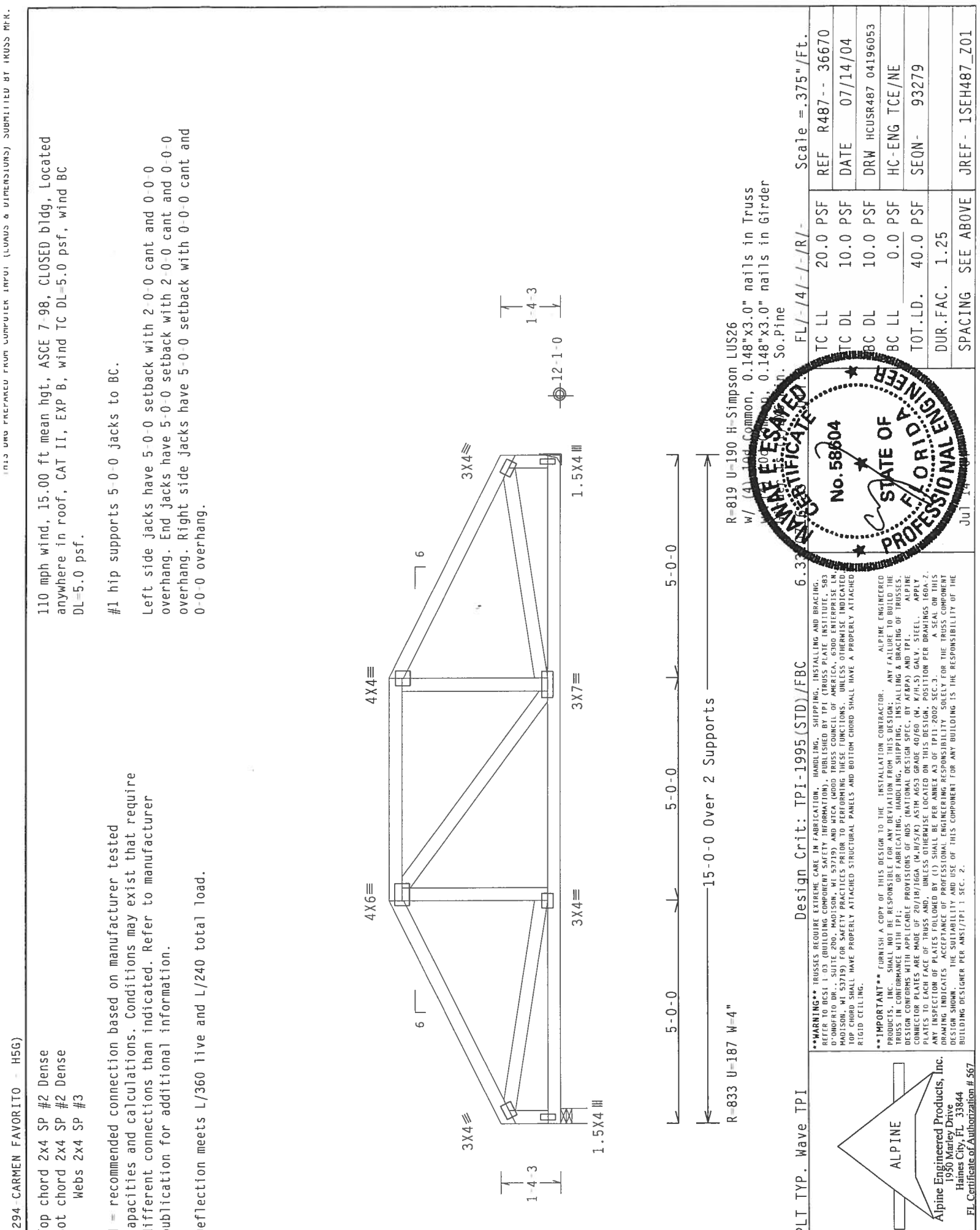
PLT TYP. Wave TPI	Design Crit: TPI-1995 (STD)/FBC	6.3	FL/-4/-/-R/-	Scale = .3125"/Ft.
REF R487 - -	36669	TC LL	20.0 PSF	
DATE	07/14/04	TC DL	10.0 PSF	
DRW HCUSR487	04196052	BC DL	10.0 PSF	
HC-ENG TCE/NE		BC LL	0.0 PSF	
SEQN -	93225	TOT.LD.	40.0 PSF	
DUR.FAC.	1.25			
SPACING	24.0"			
JREF -	1SEH487_Z01			



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI (TRUSS PLATE INSTITUTE), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5831 EAST 15TH AVE, SUITE 100, FORT LAUDERDALE, FL 33309) OR ANY OTHER TRUSS MANUFACTURER'S INSTRUCTIONS SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. 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 DESIGN OR CONSTRUCTION FAILURE. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI (TRUSS PLATE INSTITUTE), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5831 EAST 15TH AVE, SUITE 100, FORT LAUDERDALE, FL 33309) OR ANY OTHER TRUSS MANUFACTURER'S INSTRUCTIONS SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. 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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(294 - CARMEN FAVORITO - H5G)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

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

#1 hip supports 5-0-0 jacks to BC.

Left side jacks have 5-0-0 setback with 2-0-0 cant and 0-0-0 overhang. End jacks have 5-0-0 setback with 2-0-0 cant and 0-0-0 overhang. Right side jacks have 5-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

Scale = .375"/Ft.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

R=819 U=190 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Nails in Girder to be 10d Common, 0.148"x3.0" nails in So.Pine

15'-0-0 Over 2 Supports

R=833 U=187 W=4"

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/Ft.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

R=819 U=190 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Nails in Girder to be 10d Common, 0.148"x3.0" nails in So.Pine

15'-0-0 Over 2 Supports

R=833 U=187 W=4"

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/Ft.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

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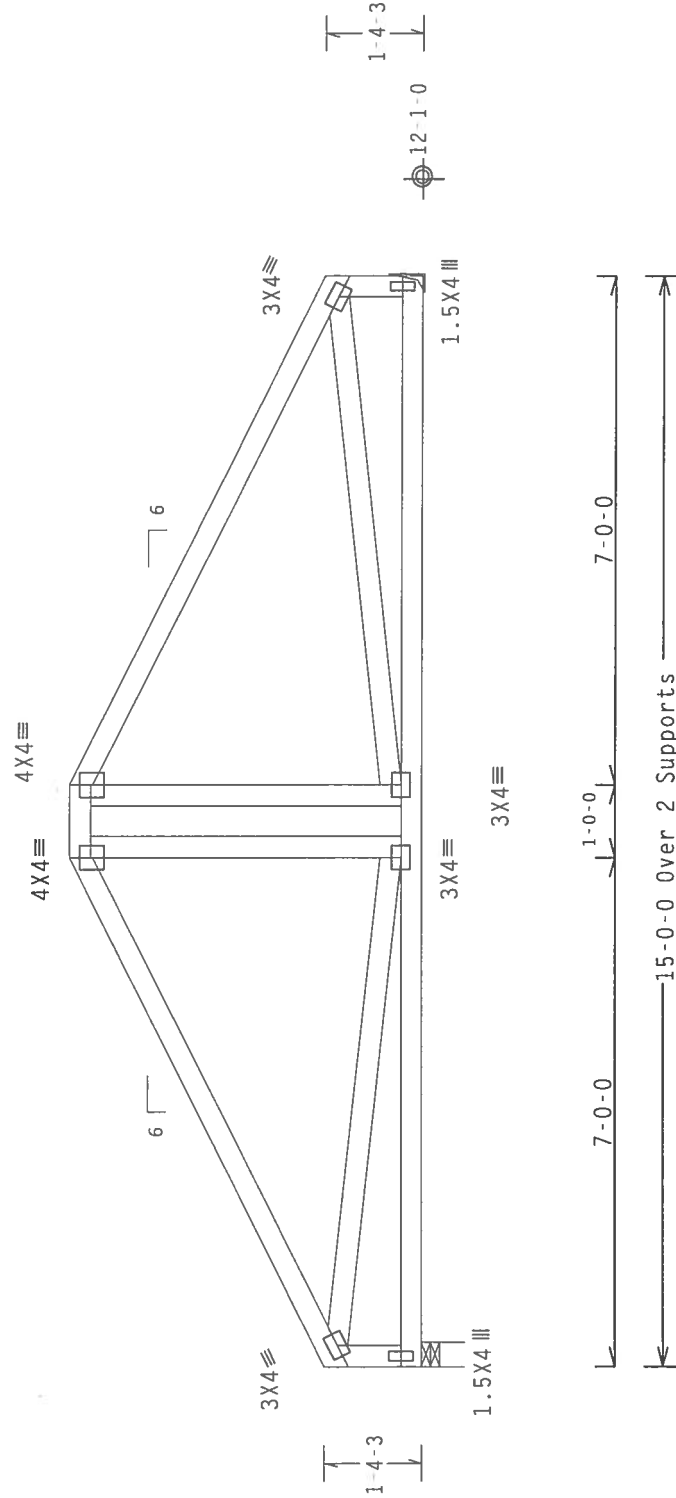
STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 58604
Jul 14, 2004

TC LL	20.0 PSF	REF	R487 --	36670
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196053
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEON-	93279	
DUR.FAC.	1.25			
SPACING	SEE ABOVE	JREF-	1SEH487_Z01	

110 mph wind, 15.18 ft mean hgt, ASCE 7-98, 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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



R=600 I=195 W=4"

R=600 U=195 H=Simpson LU26
w/ (4) 10d 0.148"x1.5" nails in Truss
NAE EESSA 0.148"x3.0" nails in Girder
...in. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

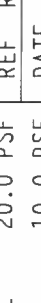
Scale = .375"/Ft.

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Haines City, FL 33844

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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 983 MADISON, MI 48131) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS. THESE CONNECTIONS ARE DESIGNED 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 REQUIREMENTS OR TO THE CONNECTIONS, INSTALLING & BRACING OF TRUSSES. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION FOR STEEL TRUSS CONNECTION PLATES ARE MADE OF 20/10/16GA (IN 4/15/20) ASTM A653 GRADE 40/160 (IN 4/15/20) ONLY. STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1600-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEA 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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS1/TPI 1 SEC. 2.



ALPINE

No. 58604

STATE OF FLORIDA

PROFESSIONAL ENGINEER

DATE 07/14/04

REF R487 -- 36671

DATE 07/14/04

DRW HCUR487 04196054

HC-ENG TCE/NE

SEON- 93282

TC LL	20.0	PSF	REF R487 -- 36671
TC DL	10.0	PSF	DATE 07/14/04
BC DL	10.0	PSF	DRW HCUR487 04196054
BC LL	0.0	PSF	HC-ENG TCE/NE
TOT.L.D.	40.0	PSF	SEON- 93282
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SEH487 Z01

Top chord 2x4 SP #2 Dense : T2 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense
 Webs 2x4 SP #3

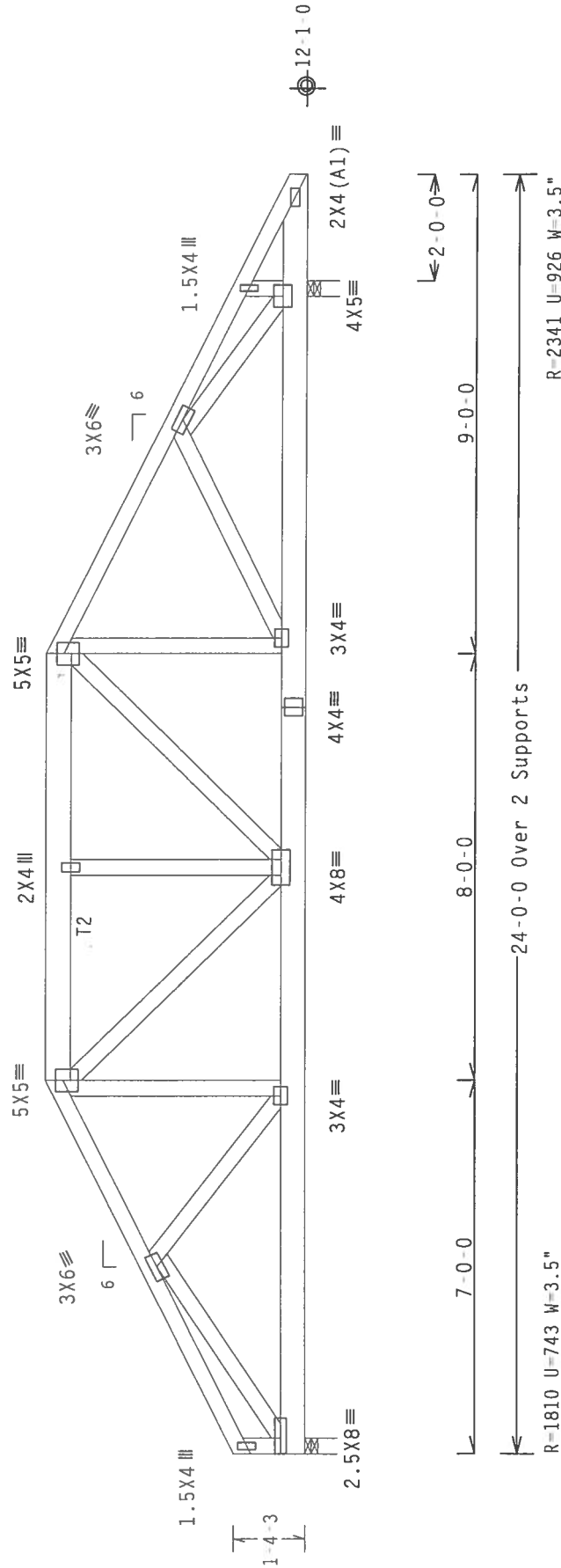
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC -	From	60 PLF at 0.00 to	60 PLF at 24.00
BC -	From	20 PLF at 0.00 to	20 PLF at 24.00
TC -	*102	LB Conc. Load at 10.94,	12.94
TC -	*397	LB Conc. Load at 15.00	
BC -	*905	LB Conc. Load at 10.40	
BC -	*145	LB Conc. Load at 10.94,	12.94
BC -	*435	LB Conc. Load at 15.00	

* Provide connection for concentrated load(s) shown.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

FL1-141-1-1R1-

$$\text{Scale} = -3125''/\text{Ft}$$

TC LL	20.0 PSF	REF	R487--	36672
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196057
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	34571	REV
DUR.FAC.	1.25			
SPACING	SEE ABOVE	JREF-	1SEH487	Z01

WARNING: BRISSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND PRACING REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE COUNCIL OF PLATE INSTITUTE, 500 DORCHESTER DR., SUITE 200, MADISON, WI 53719, AND WCA, 4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, 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 PROPERLY ATTACHED CEILING.

[illegible]

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1950 Marley Drive
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Jul 14 04

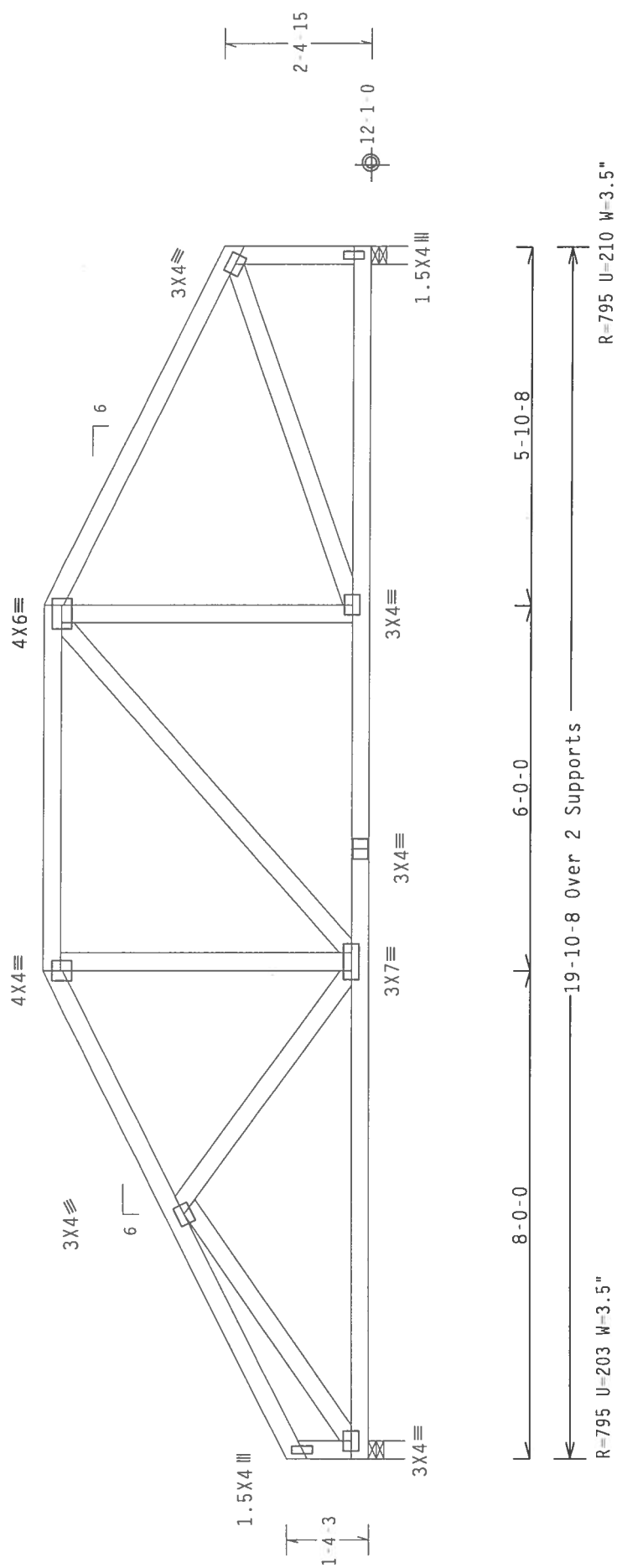
(294-CARMEN FAVORITO - H8H)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.43 ft mean hgt, ASCE 7-98, 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.

Right end vertical not exposed to wind pressure.



PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

6.3

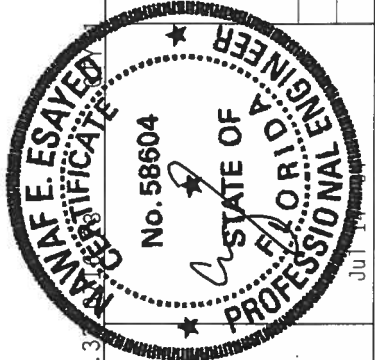
FL / - / 4 / - / R / -

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487 -- 36673
TC DL	10.0 PSF	DATE	07/14/04
BC DL	10.0 PSF	DRW	HCUSR487 04196058
BC LL	0.0 PSF	HC-ENG	TCE/NE
TOT.LD.	40.0 PSF	SEQN	93289
DUR.FAC.	1.25	JREF	1SEH487_Z01
SPACING	24.0"		

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETIC TO DUCT 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 503 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.

****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 2018/16GA (W. 8/16) ASTM A653 GRADE 40/60 (W. 8/16) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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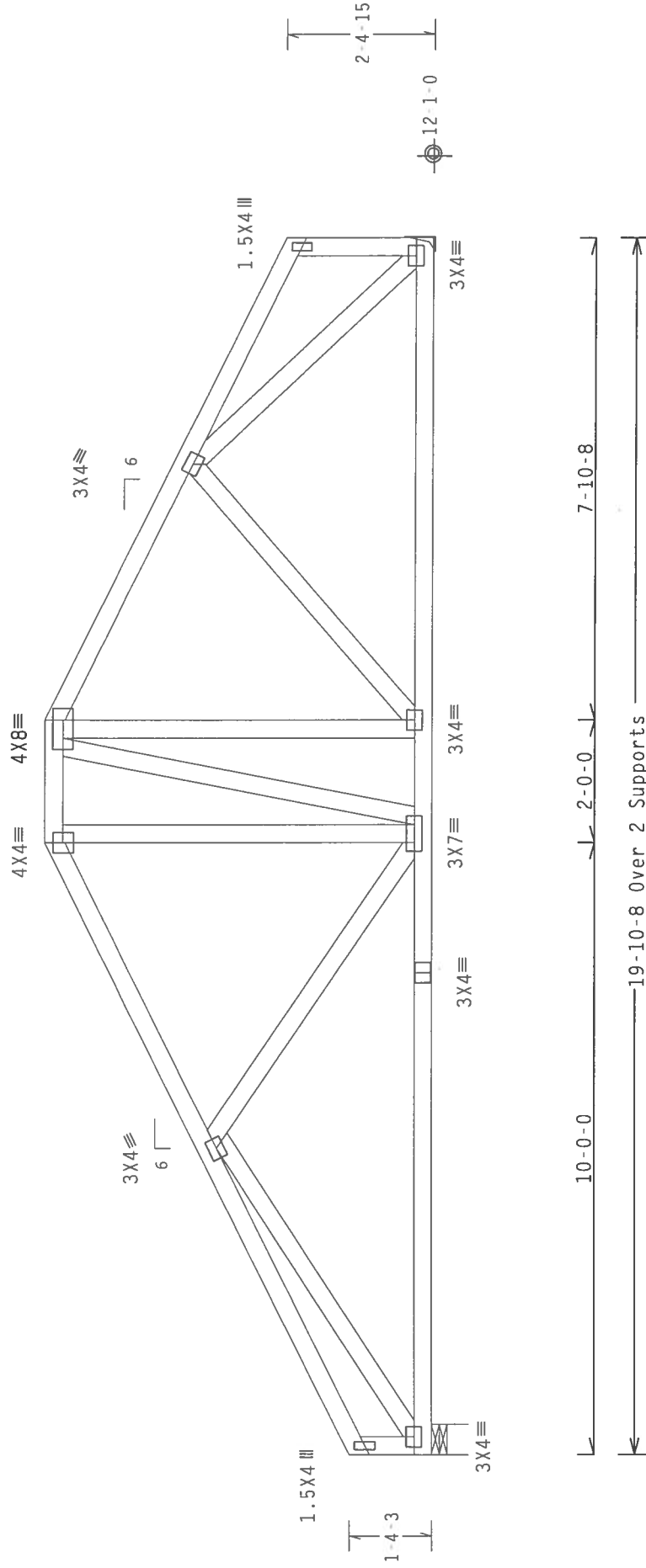
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.93 ft mean hgt., ASCE 7-98, 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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Right end vertical not exposed to wind pressure.

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



R=795 U=207 W=6"

R=795 U=214 H-Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: $TPI-1995(STD)/FBC$

6.32

Scale = 375"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RC51-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL INSTITUTE OF CONSTRUCTION EDUCATION, 5815 W. 20TH AVE., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA) 6300 TERPERS, 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 CHORD CEILING.

TC LL	20.0	PSF	REF	R487 - -	36674
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196059
BC LL	0.0	PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0	PSF	SEON -	93420	
DUR.FAC.	1.25				
SPACING	24.0"		JRFF -	1SEH487	Z01

****WARNING**** TRUSSES BUILDING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BC51 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 5031 D'ORFIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED IN THE 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 NATIONAL STANDARD SPEC. (BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 7018/16GA (T4/H/57K) ASTM A653 GRADE 40/60 (W, K/M/S) GALV. STEEL. APPLY 1/2" MIN. THICKNESS OF PLATES FOLLOWED BY 1/2" MIN. THICKNESS OF TPI 202 STEEL PER DRAWINGS. ALWAYS INSPECTION OF PLATES FOLLOWED BY 1/2" MIN. THICKNESS OF TPI 202 STEEL PER DRAWINGS. ALWAYS DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SAFETY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AM11/TPI 1 SEC. 2.

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Haines City, FL 33844
FL Certificate of Authorization # 567

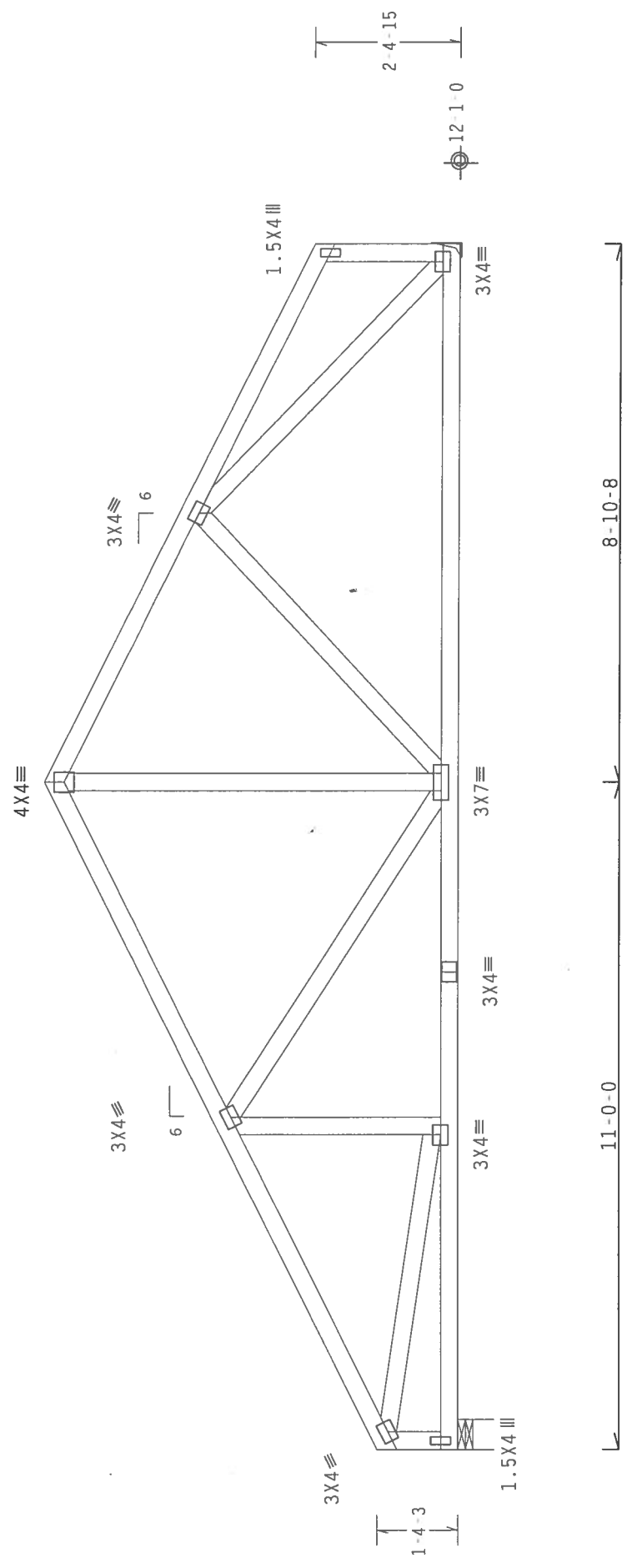
FL Certificate of Authorization # 567
Haines City, FL 33844

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 16.18 ft mean hgt, ASCE 7-98, 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.

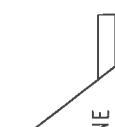
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.



R-795 U-209 W=6"

R-795 U-216 H-Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC		Scale = .375"/Ft.	
	TC LL	20.0 PSF	REF	R487 -- 36675
 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	TC DL	10.0 PSF	DATE	07/14/04
	BC DL	10.0 PSF	DRW	HCUSR487 04196060
	BC LL	0.0 PSF	HC-ENG	TCE/NE
	TOT.LD.	40.0 PSF	SEQN	93302
	DUR.FAC.	1.25		
	SPACING	24.0"	JREF	1SEH487_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY AND WIND LOADS) FOR TRUSS 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 AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****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 AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

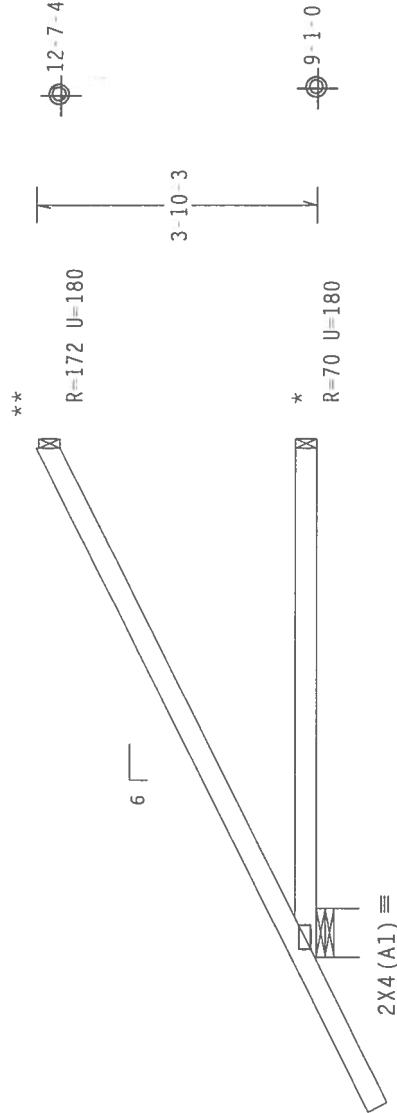
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.

* Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 10.65 ft mean hgt, ASCE 7-98, 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.



2'-0-0"

7'-0-0"
7'-0-0" Over 3 Supports
R=450 U=201 W=8"

PLT TYP. Wave TPI

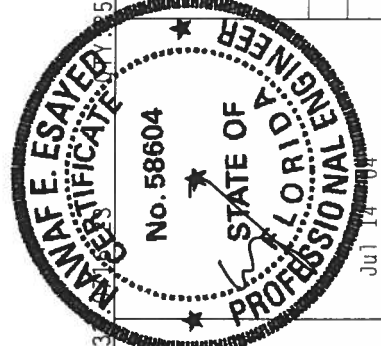
Design Crit: TPI-1995(STD)/FBC

6.3

5 FL/-4/-1-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 --	36676
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196061
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	92613	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SEH487_Z01	



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 O'DONOHIO 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.

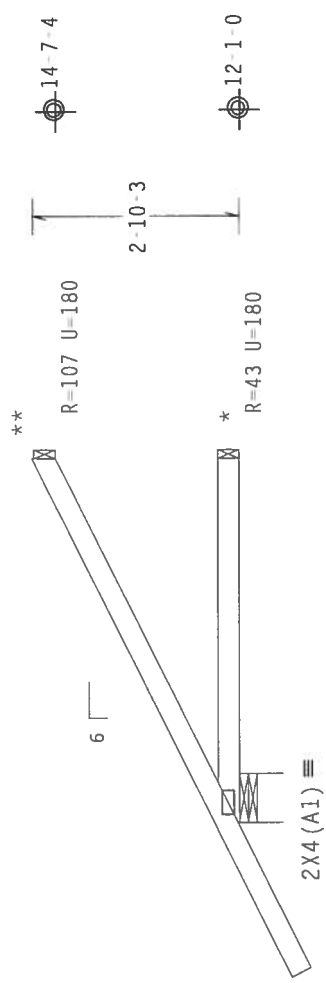
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS TRUSS. UNLESS OTHERWISE INDICATED, PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, THIS DESIGN SHALL BE APPLIED TO ALL TRUSSES. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. UNLESS OTHERWISE INDICATED, THE SUITABILITY AND USE OF THIS COMPONENT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

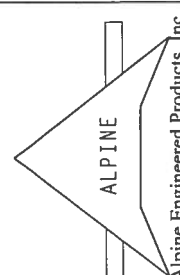
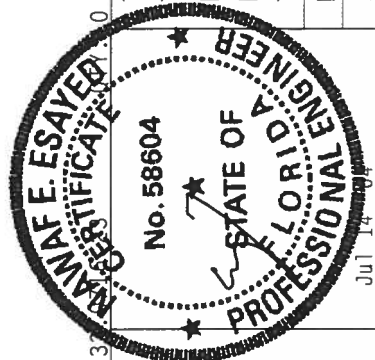
(294 - CARMEN FAVORITO - CJ5)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/360 live and L/240 total load.

- ** Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



← 2-0-0 →
← 5-0-0 Over 3 Supports →
R-382 U-197 W=8"

PLT TYP. Wave TPI		Design Crit: TPI-1995 (STD)/FBC		Scale = .375" / Ft.	
 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567		 No. 58604 STATE OF FLORIDA PROFESSIONAL ENGINEER Jul 14, 2004		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
				SPACING	24.0"
				JREF	1SEH487_Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCES 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 MADISON, VA 22719, 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/PFA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (M. 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 TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

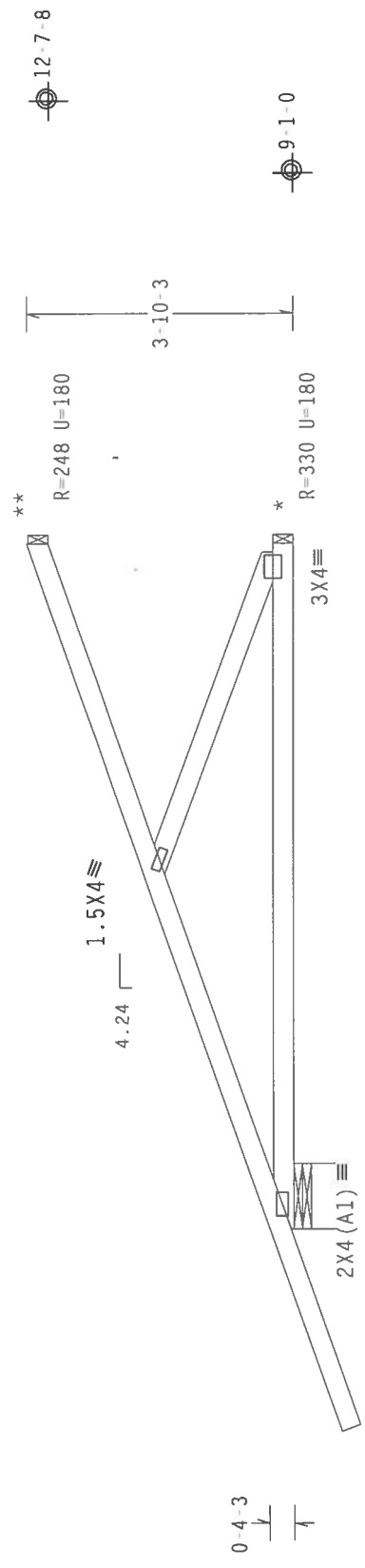
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

- ** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



2-9-15
9-10-13 Over 3 Supports
R=541 U=225 W=11.314"

PLT TYP. Wave TPI		Design Crit: TPI-1995(STD)/FBC		Scale = .375"/Ft.	
6.3		FL/-4/-/-R/-		TC LL	20.0 PSF
6.3		6.3		TC DL	10.0 PSF
6.3		6.3		BC DL	10.0 PSF
6.3		6.3		BC LL	0.0 PSF
6.3		6.3		TOT.LD.	40.0 PSF
6.3		6.3		DUR.FAC.	1.25
6.3		6.3		SPACING	SEE ABOVE
6.3		6.3		JREF	1SEH487_Z01

MANAF E. SAYED
No. 58604
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Jul 11 2015

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

****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, 500 O'DONNELL DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 EARTHRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL BE PROPERLY ATTACHED TO 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 AITPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(294 - CARMEN FAVORITO - CJ3)

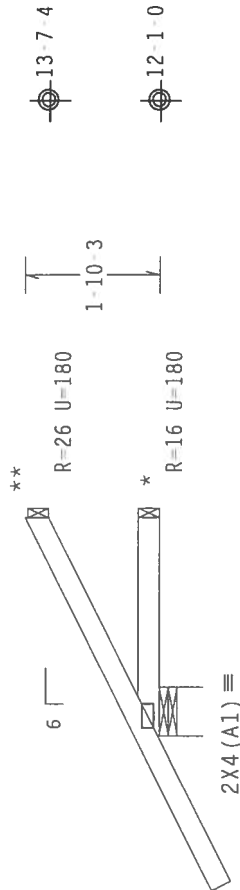
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

** Provide (2) 0.162x3.5" 16d Common toe nails at Top Chord.

* Provide (2) 0.162x3.5" 16d Common toe nails at Bottom Chord.

110 mph wind, 12.65 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.



3-0-0 Over 3 Supports
R=330 U=210 W=8"

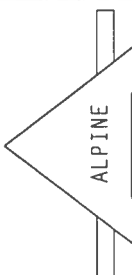
3LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

2 FL / -14 / -1 / -R / -

Scale = .375" / Ft.

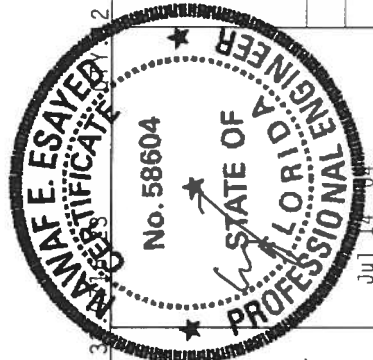
 Alpine Engineered Products, Inc. 1930 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1711-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC LL	20.0 PSF	REF	R487--	36679	
			TC DL	10.0 PSF	DATE	07/14/04		
			BC DL	10.0 PSF	DRW	HCUSR487	04196064	
			BC LL	0.0 PSF	HC-ENG	TCE/NE		
			TOT.LD.	40.0 PSF	SEQN	92630		
							DUR.FAC.	1.25
						SPACING	24.0"	JREF - 1SEH487_Z01

No. 58604

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Jul 14 2004



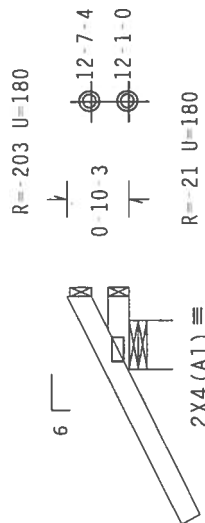
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 12.15 ft mean hgt, ASCE 7-98, 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.

Provide (3) 16d common (0.162"x3.5") nails toe-nailed at top chord.

Provide (3) 16d common (0.162"x3.5") nails toe-nailed at bottom chord.



1-0-0 Over 3 Supports

R=436 U=391 W=8"

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

FL/-/4/-/-/R/-

Scale = .375"/Ft.

[illegible][illegible]

TC LL	20.0	PSF	REF	R487 --	36680
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196065
BC LL	0.0	PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0	PSF	SEQN-	92634	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SEH487	Z01

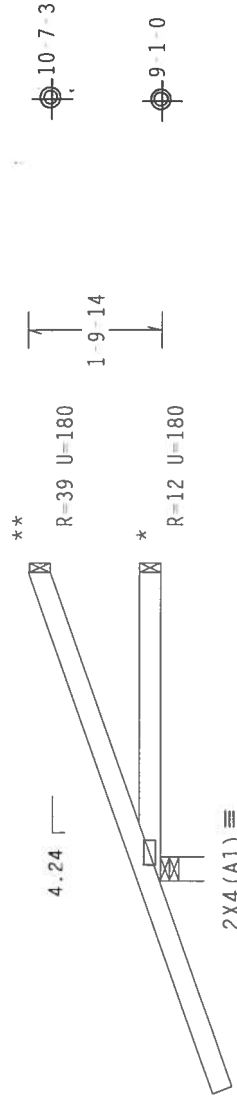
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Hipjack supports 3-0-0 setback jacks with no webs.

** Provide (2) 0.162x3.5" 16d Common toe nails at Top Chord.

* Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



→ 2-9-15 →

←4-2-15 Over 3 Supports→

R=390 U=180 W=4"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

9

REPLICATED

FI 1-141-1-1R1-

Scale = 375"/Ft

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. USER TO BEST OF KNOWLEDGE PROVIDES INFORMATION. PUBLISHED BY TPI (THUSS-PLATE INSTITUTE), 580 WILSON AVE., DOWNSBORO, OH 44020-9760, TEL: 440-225-1500 FAX: 440-225-1501, WWW.TPIUSA.COM. 6300 ENTERPRISE BL., OMAHA, NE 68114, TEL: 402-426-1100 FAX: 402-426-1101, WWW.MIDWESTSTEELWORKS.COM. ALL DIMENSIONS ARE APPROXIMATE UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED LUGGED CATCHING.

****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 TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR MAINTAINING THIS PRODUCT SPECIFICALLY DESIGNED FOR THIS APPLICATION. CONNECTOR PLATES ARE MADE OF 20/18/TIGALD ALUMINUM ALLOY AND ARE SUPPLIED AS PLATES TO EACH FACE OF TRUSS AND OTHERS ELSEWHERE LOCATED ON THIS DESIGN. AFTER INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TP1-2002 SECTION 6. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLUTION DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE BUILDING DESIGNER'S RESPONSIBILITY. TP1 SEC. 2.

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
SPACING	SEE ABOVE

REF	R487--	36681
DATE	07/14/04	
DRW	HCUSR487	0419606
HC-ENG	TCE/NE	
SEQN-	92649	
JREF-	1SEH487	Z01

Haines City, FL 33844
FL Certificate of Authorization # 567

Jul 14 '04

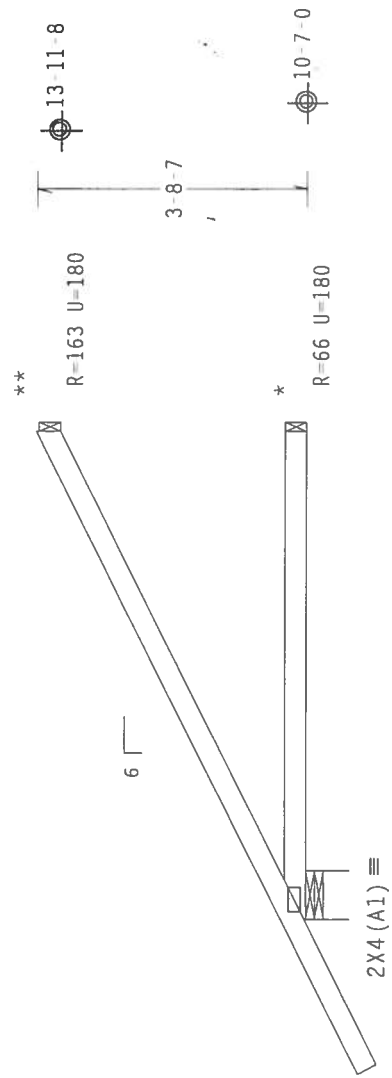
(294-CARMEN FAVORITO - EJ68)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

- ** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 12.07 ft mean hgt, ASCE 7-98, 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.



6'-8-8 Over 3 Supports
R=440 U=200 W=8"

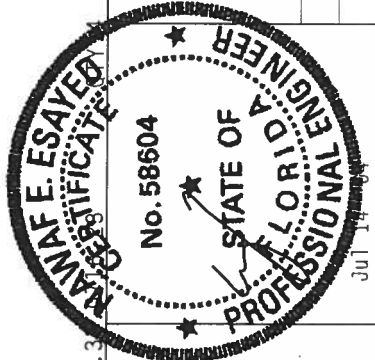
PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

FL / - / 4 / - / - / R / -

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487 - -	36682
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196067
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	92654	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487_Z01	



****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), 5835 W. 13TH AVE., SUITE 100, BOCA RATON, FL 33433, FOR PROPER HANDLING AND BRACING PROCEDURES. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN CRITERIA MAY BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING. 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 DESIGN CRITERIA MAY BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W, H/S/M) ASTM A653 GRADE 40/60 (W, H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

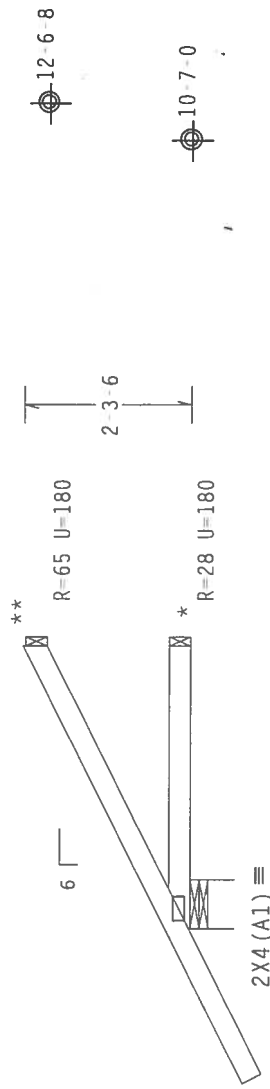
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

- ** Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 11.37 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



3-10-8 Over 3 Supports
R-349 U=200 W=8"

PLT TYP. Wave TPI

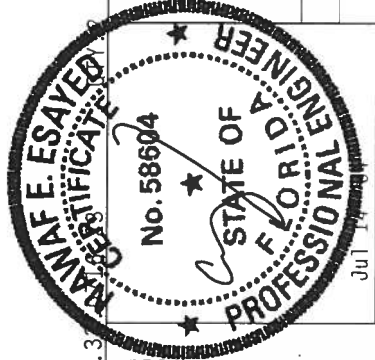
Design Crit: TPI-1995(STD)/FBC

6.3

FL/-4/-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487--	36683
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196068
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	92660	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SEH487	_Z01



****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 HADISON, MI 48371) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

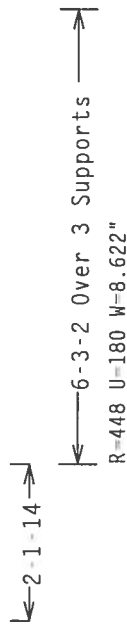
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W.H/5/8) ASTM A653 GRADE 40/60 (W. K/H/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT BUILDING SHOPS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

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

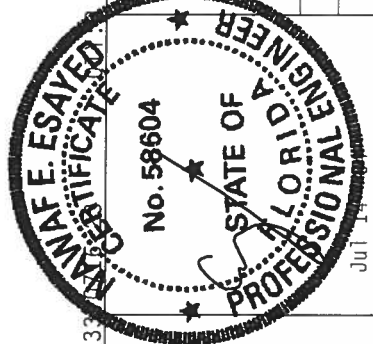


Design Crit: TPI-1995(STD)/FBC

FL 1-141-1-1R1-

Scale = .375"/ft.

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TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196069
BC LL	0.0	PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0	PSF	SEQN-	92681	
DUR.FAC.	1.25				
SPACING	SEE ABOVE		JREF-	1SEH487_Z01	



FL Certificate of Authorization # 567

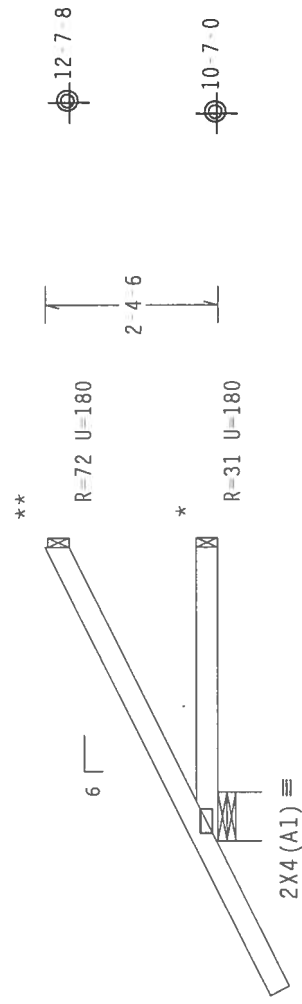
Jul

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

- ** Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 11.41 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



←-2-0-0→
←-4-0-7 Over 3 Supports→
R-353 U-199 W-8"

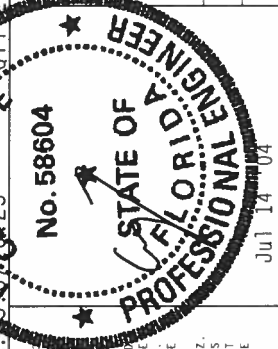
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

FL/-4/-1-/R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 --	36685
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196070
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	92666	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487_Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5800 ENTERPRISE LANE, DUNFORD DR., SUITE 200, MADISON, WI 53719) AND MCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, DUNFORD DR., SUITE 200, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES 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, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF 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 ACAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (M/H/S/K) ASH A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
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1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

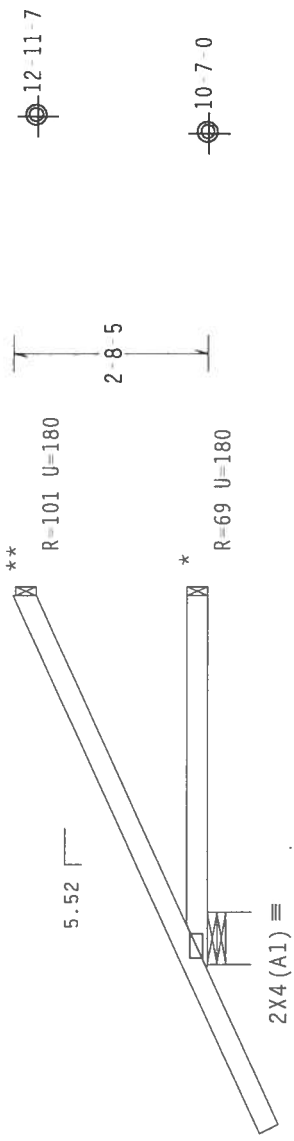
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Hipjack supports 3 6-0 setback jacks with no webs.

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

- ** Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



← 2-2-2 0-0-5

← 5-1-3 Over 3 Supports →
R-412 U=180 W=8.698"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

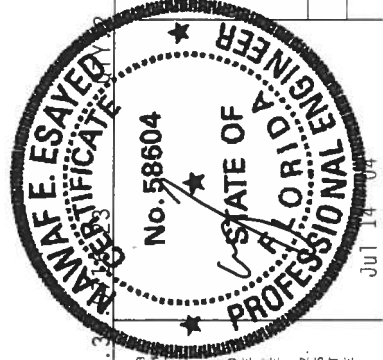
FL/-14/-1-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 -- 36686
TC DL	10.0 PSF	DATE	07/14/04
BC DL	10.0 PSF	DRW	HCUSR487 04196071
BC LL	0.0 PSF	HC-ENG	TCE/NE
TOT.LD.	40.0 PSF	SEQN-	92676
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SEH487_Z01

****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, 5900 W. 110TH DR., SUITE 200, MADISON, WI 53719) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR ADDITIONAL INFORMATION. UNLESS OTHERWISE INDICATED, ALL TRUSS COMPONENTS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE TPI-1995(STD) DESIGN CRITERIA. 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 CONNECTOR PLATES ARE MADE OF 20/10/16GA (N-H/S/K) ASTM A653 GRADE 40/60 (N, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

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1950 Marley Drive
Haines City, FL 33844

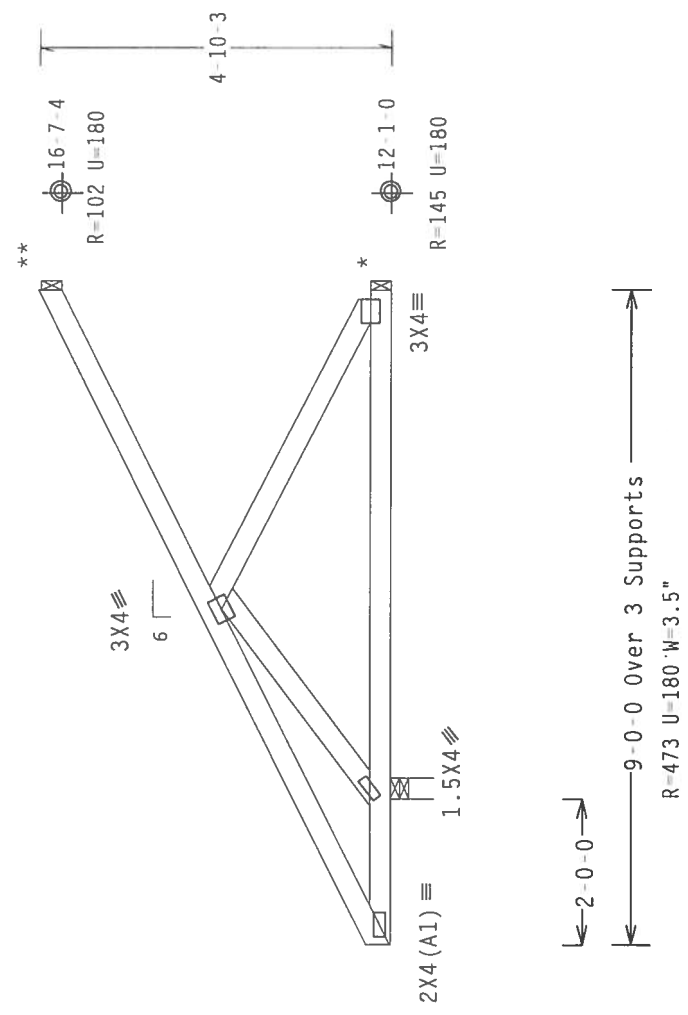
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

- ** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 14.68 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

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

Design Crit: TPI-1995(STD)/FBC

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487 --	36688
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196073
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEON	92697	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487	Z01

MANAF E. ESAYED
No. 58604
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JUL 14 2004

6.3

Design Crit: TPI-1995(STD)/FBC

Scale = .375" / Ft.

PLT TYP. Wave TPI

ALPINE

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

FL Certificate of Authorization # 567

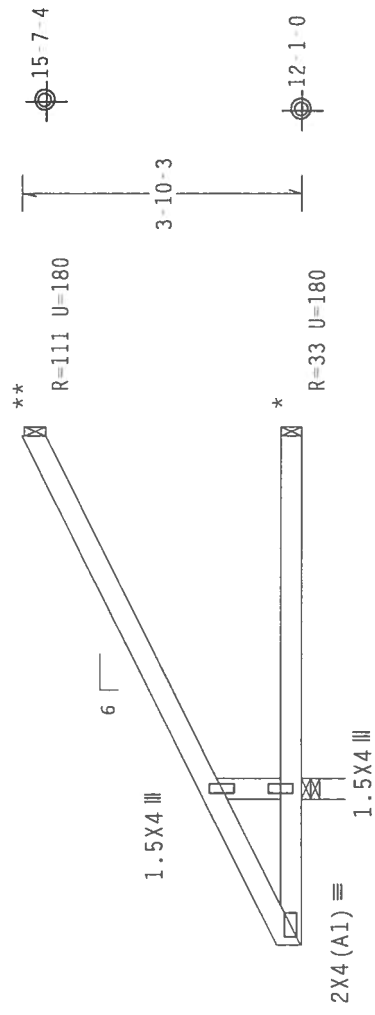
(294-CARMEN FAVORITO - CJ5C)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 14.18 ft mean hgt, ASCE 7-98, 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.

- ** Provide (3) 0.162x3.5" 16d Common toe nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe nails at Bottom Chord.



2-0-0
7-0-0 Over 3 Supports
R=416 U=180 W=3.5"

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC		Scale = .375"/Ft.	
 Alpine Engineering Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING. REFER TO BC51 1-03 (LOADING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 WEST DR. #200, GAITHERSBURG, M.D. 20878) AND TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WISCONSIN 53719 FOR ADDITIONAL INFORMATION. **PLEASE READ THESE DIRECTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSS COMPONENTS SHALL BE FABRICATED AND SHIPPED TO THE PROJECT IN ACCORDANCE WITH THE TPI TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		FL / - / 4 / - / R / -	
	IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR REVIEWING AND APPROVING ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI. **SHIP FABRICATING, HANDLING, SHIPPING, INSTALLING & DRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (H/H/S/W) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.		TC LL 20.0 PSF	
	ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEAS A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES THE SUFFICIENCY OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMSI/TPI 1 SEC. 2.		TC DL 10.0 PSF	
			BC DL 10.0 PSF	
			BC LL 0.0 PSF	
			TOT.LD. 40.0 PSF	
		DUR.FAC. 1.25		
		SPACING 24.0"		
		JREF- 1SEH487_Z01		



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BEST PRACTICES FOR TRUSS FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 1500 W. MONROE, 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. 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 AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

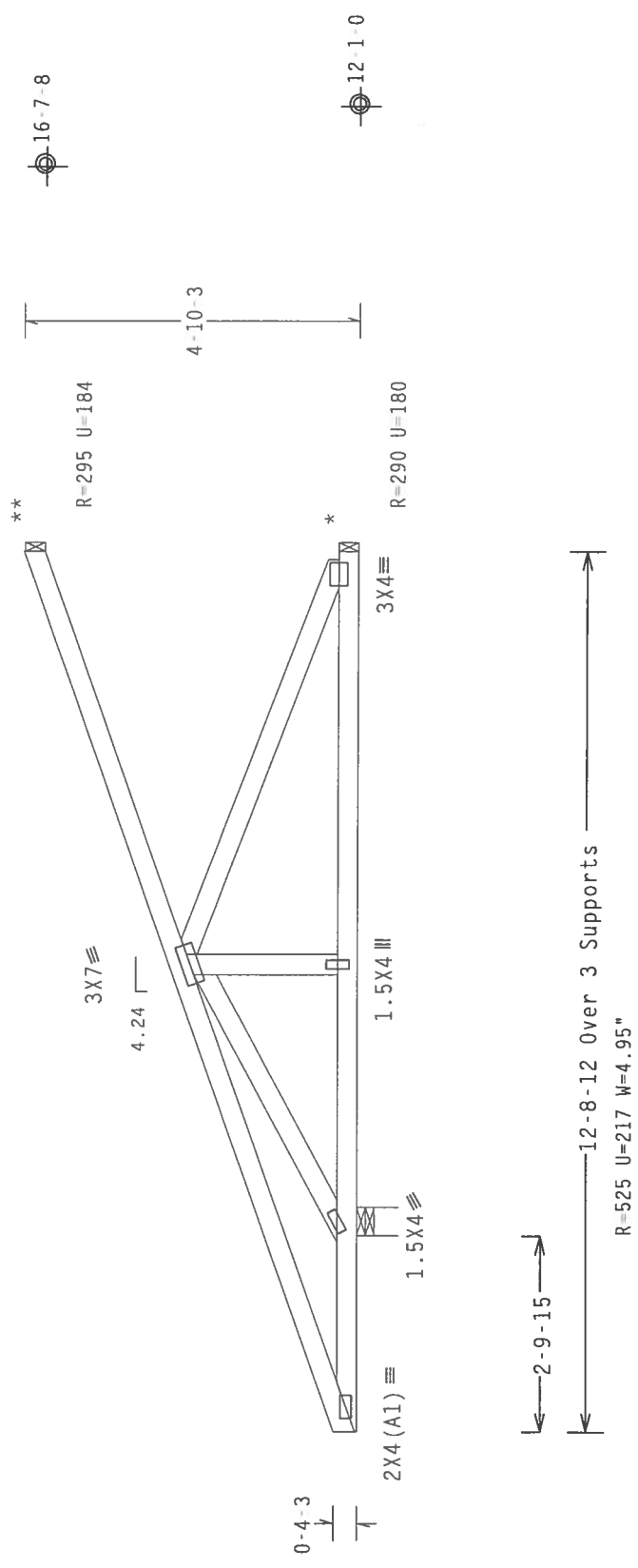
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Hipjack supports 9'-0" setback jacks with 2'-0" cantilever one face; 2'-0" cantilever opposite face.

- ** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

Scale = .375"/Ft.

ALPINE

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI (TRUSS PLATE INSTITUTE, 983 DUNSTON RD., SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TO THE 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 (TRUSS PLATE INSTITUTE, 983 DUNSTON RD., SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TO THE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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
SPACING	SEE ABOVE

REF	R487--	36690
DATE	07/14/04	
DRW	HCUSR487	04196056
HC-ENG	TCE/NE	
SEQN	92749	
JREF	1SEH487_201	

(294-CARMEN FAVORITO - HJ55)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

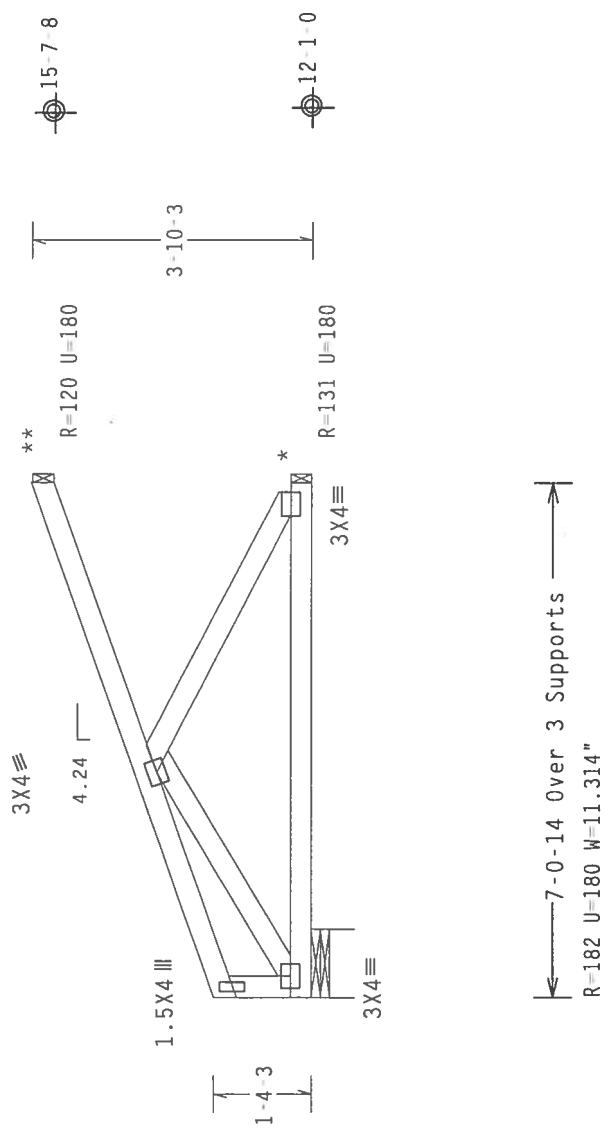
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Hipjack supports 5'-0" setback jacks with 0'-0" cantilever one face; 2'-0" cantilever opposite face.

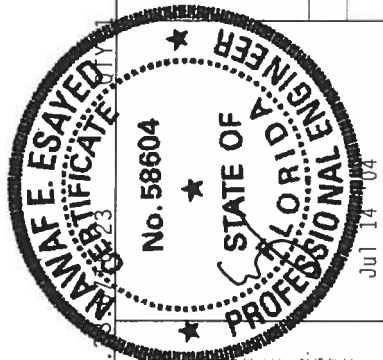
Deflection meets L/360 live and L/240 total load.

** Provide (3) 0.162x3.5" 16d Common toe nails at Top Chord.

* Provide (3) 0.162x3.5" 16d Common toe nails at Bottom Chord.



PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	Scale = .375"/Ft.
6.1	FL/-/4/-/R/-	REF R487-- 36692
6.2	TC LL 20.0 PSF	DATE 07/14/04
6.3	TC DL 10.0 PSF	DRW HCUSR487 04196076
6.4	BC DL 10.0 PSF	HC-ENG TCE/NE
6.5	BC LL 0.0 PSF	SEQN- 92739
6.6	TOT.LD. 40.0 PSF	DUR.FAC. 1.25
6.7	SPACING SEE ABOVE	JREF- 1SEH487_Z01



****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), 58 DUNDRIE DR., SUITE 200, MADISON, WI 53719) AND WICKA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, SUITE 100, WILSON, NC 27157) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES 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 FOLLOW 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 NIPAA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) A578 A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

FL Certificate of Authorization # 567

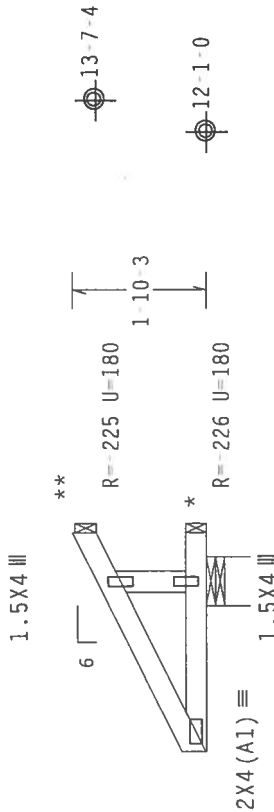
(294-CARMEN FAVORITO - CJ1C)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 13.18 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

- ** Provide (3) 16d common (0.162"x3.5") nails toe-nailed at top chord.
- * Provide (3) 16d common (0.162"x3.5") nails toe-nailed at bot chord.



3-0-0 over 3 Supports

R-691 U=261 W=8"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

FL/-4/-/-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 - -	36693
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196077
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	92715	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SEH487_Z01	



****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 HAWTHORNE DR., SUITE 200, ANDERSON, IN 46015-1000) FOR MORE INFORMATION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE PROPER DESIGN, FABRICATION, AND BRACING OF THE TRUSS. THE TRUSS MANUFACTURER 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 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (M, 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 TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

FL Certificate of Authorization # 567

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☒	☒	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☒	☒	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☒	☐	Site Plan including: a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☒	☒	Wind-load Engineering Summary, calculations and any details required a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☒	Elevations including: a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories

Floor Plan including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel

Roof System:

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by FI. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 - 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 - 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 - 7. Fire resistant construction (if required)
 - 8. Fireproofing requirements
 - 9. Shoe type of termite treatment (termicide or alternative method)
 - 10. Slab on grade
 - a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 - 11. Indicate where pressure treated wood will be placed
 - 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)



c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors *Bedroom 4 & 5 & no 1e*
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms *no 1e*

HVAC information

a) Manual J sizing equipment or equivalent computation
b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

Private Potable Water

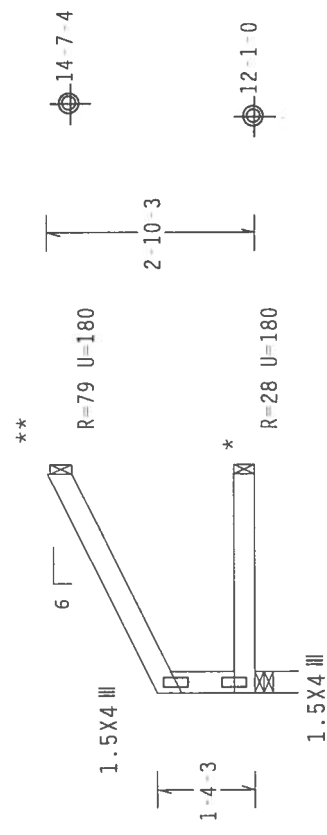
- Size of pump motor
- Size of pressure tank
- Cycle stop valve if used

(294 - CARMEN FAVORITO - C335)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

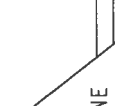
Deflection meets L/360 live and L/240 total load.

- ** Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



3'-0" Over 3 Supports
R=133 U=180 W=3.5"

PLT TYP. Wave TPI

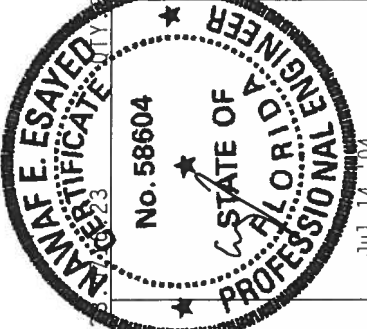


Alpine Engineered Products, Inc.
1950 Mauley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Design Crit: TPI-1995(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 1995, FOR TRUSS 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 2018/16GA (M-H/S/K) ASTM A653 GRADE 40/60 (H, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Jul 14 '04

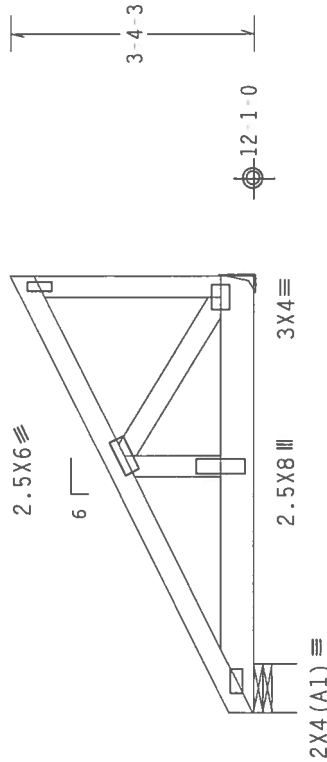
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BC DL	10.0 PSF		DATE 07/14/04
BC LL	0.0 PSF		DRW HCUSR487 04196078
TOT.LD.	40.0 PSF		HC-ENG TCE/NE
DUR.FAC.	1.25		SEQN- 92721
SPACING	24.0"		JREF- 1SEH487_Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
Webs 2x4 SP #3

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC From 60 PLF at 0.00 to 60 PLF at 6.00
BC From 20 PLF at 0.00 to 20 PLF at 6.00
TC *79 LB Conc. Load at 0.09
BC *28 LB Conc. Load at 0.09
BC *819 LB Conc. Load at 2.06
BC *795 LB Conc. Load at 4.06

* Provide connection for concentrated load(s) shown.



6'-0-0 Over 2 Supports
R=1198 U=411 W=8"
R=1003 U=344 H=Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

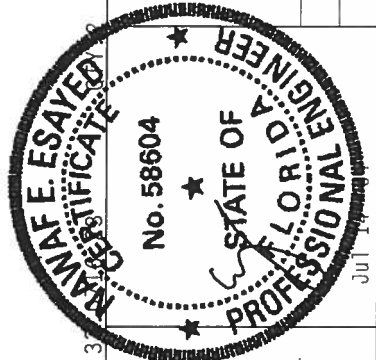
Design Crit: TPI-1995 (STD)/FBC

6.3

FL / - / 4 / - / - / R / -

Scale = .375" / Ft.

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TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196043
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	93315	
DUR.FAC.	1.25			
SPACING	SEE ABOVE	JREF	1SEH487	Z01



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS PLATE INSTITUTION. 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 AFPA) AND TPI. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL BE IN INCHES. 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 AFPA) AND TPI. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL BE IN INCHES. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
Alpine Engineered Products, Inc.
1930 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

(294-CARMEN FAVORITO - HJ5C)

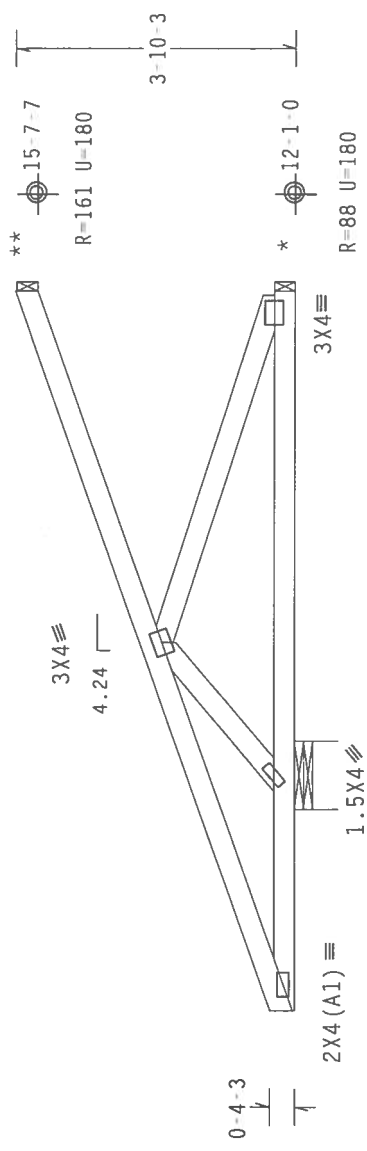
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Hipjack supports 7'-0" setback jacks with 2'-0" cantilever one face; 2'-0" cantilever opposite face.

- ** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



2-9-3
9-10-13 Over 3 Supports
R-393 U=180 W=11.314"

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

6.33

FL/-4/-1/-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 - -	36696
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196079
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	92742	
DUR.FAC.	1.25			
SPACING	SEE ABOVE	JREF	1SEH487_Z01	

****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, 5835 WILSON AVENUE, SUITE 100, WILSON, NJ 07094) FOR ADDITIONAL INFORMATION. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. 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. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ATAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/166A (W.H/S/K) ASTM A653 GRADE 40/60 (W, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK 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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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



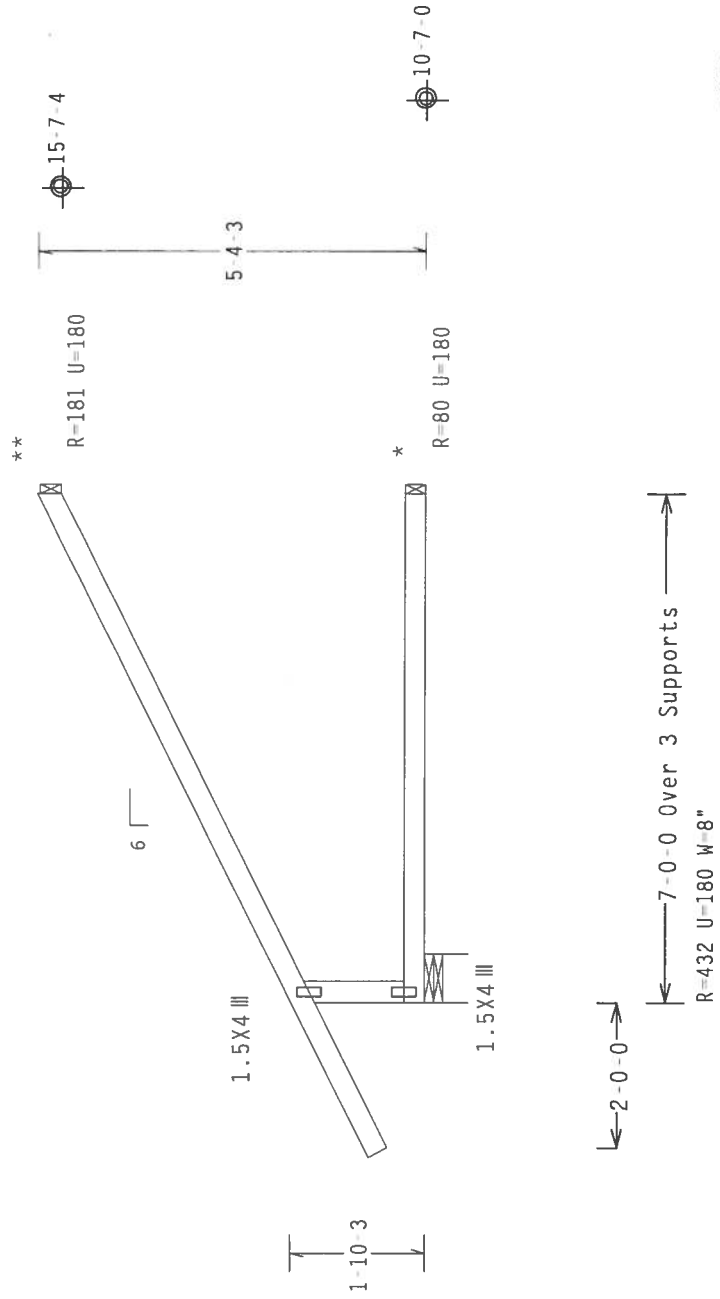
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #2 Dense

Calculated horizontal deflection is 0.30" due to live load and 0.07" due to dead load.

- ** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.



PLT TYP. Wave TPI

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

Design Crit: TPI-1995(STD)/FBC

6.3

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 - -	36697
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196080
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	92880	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487_Z01	

FL / - / 4 / - / - / R / -

6.3

Scale = .375"/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, 593 WEST 10TH AVE, SUITE 100, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. 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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STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 58604
JUL 14 2004

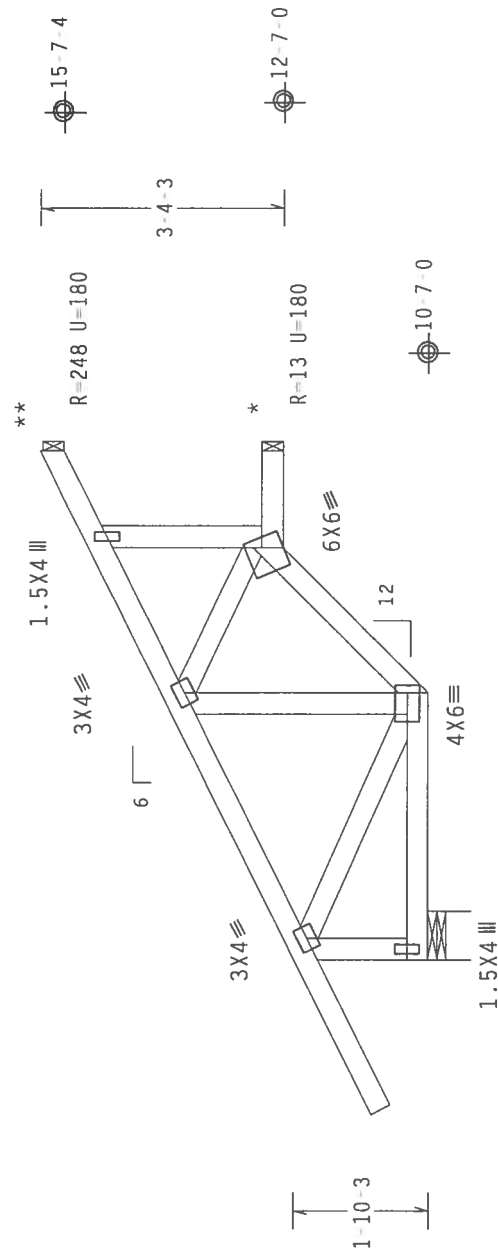
(294 - CARMEN FAVORITO - EJ7T)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.

- ** Provide (3) 0.162x3.5" 16d Common toe nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe nails at Bottom Chord.



2-0-0

3-8-0
7-0-0 Over 3 Supports
R=432 U=180 W=8"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

FL/-14/-1-/R/-

Scale = .375"/Ft.

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

****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'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, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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MANAF E. ESAYED
No. 58604
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 14 04

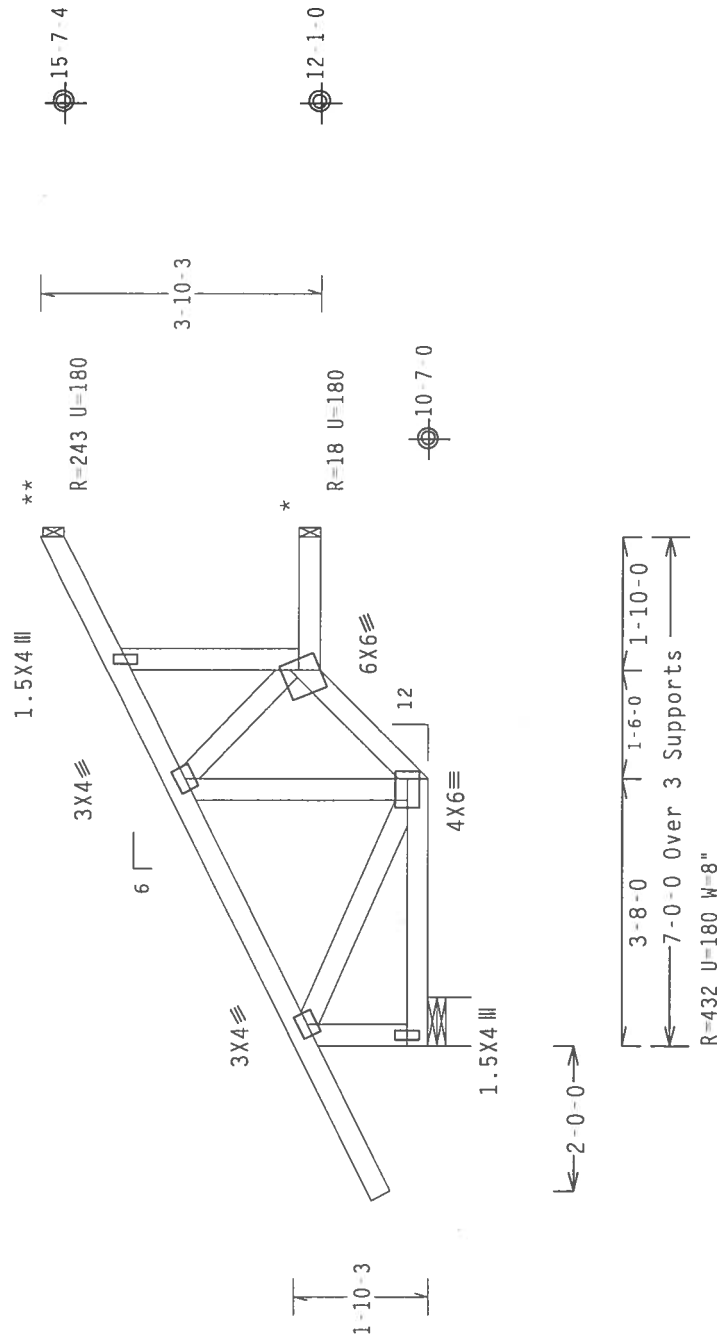
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TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196081
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN-	92883	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SEH487	_Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.65 ft mean hgt, ASCE 7-98, 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.

- ** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



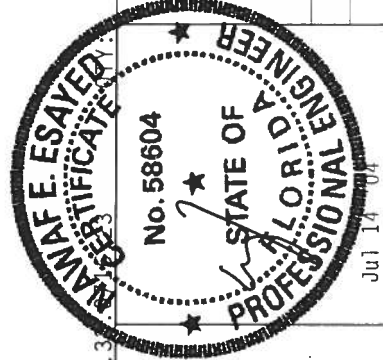
PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

FL / - / 4 / - / R / -

Scale = .375" / Ft.

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BC DL	10.0 PSF	DRW	HCUSR487	04196082
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	-	92888
DUR.FAC.	1.25			
SPACING	24.0"	JREF	-	1SEH487 Z01



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

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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

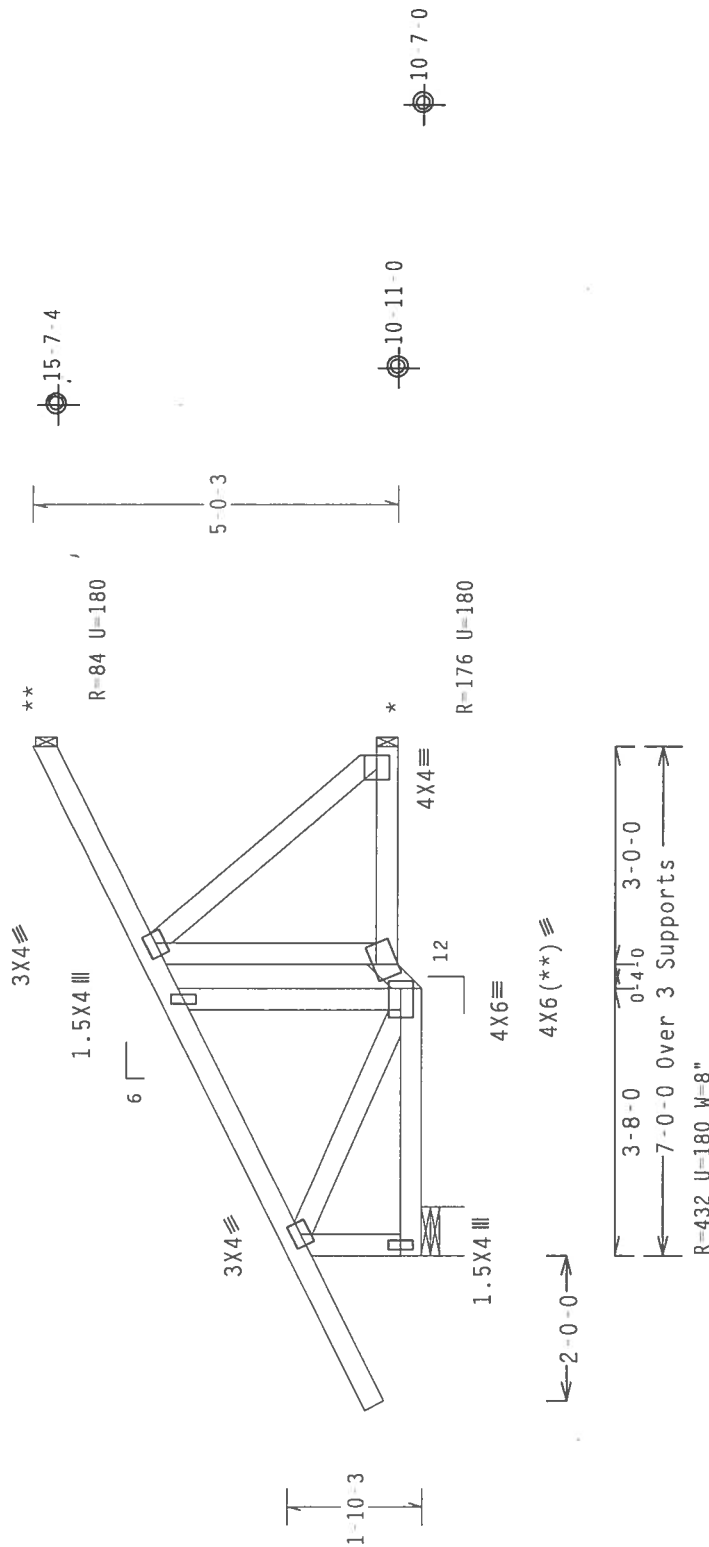
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 13.65 ft mean ht, ASCE 7-98, 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.

** Provide (3) 0.162x3.5" 16d Common toe-nails at Top Chord.

* Provide (3) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



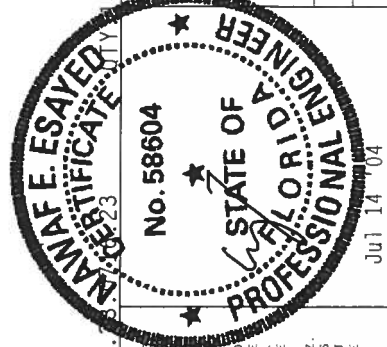
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

FI 1-141-1-1R1-

Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R487 - -	36700
TC DL	10.0	PSF	DATE	07/14/04	
BC DL	10.0	PSF	DRW	HCUSR487	04196083
BC LL	0.0	PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0	PSF	SEQN-	92899	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SEH487	Z01



ALPINE

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

FL Certificate of Authorization # 567
Haines City, FL 33844

(294 - CARMEN FAVORITO - EJ76)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From 60 PLF at 0.00 to 60 PLF at 7.00

BC - From 20 PLF at 0.00 to 20 PLF at 7.00

BC - *776 LB Conc. Load at 1.23

BC - *389 LB Conc. Load at 3.23

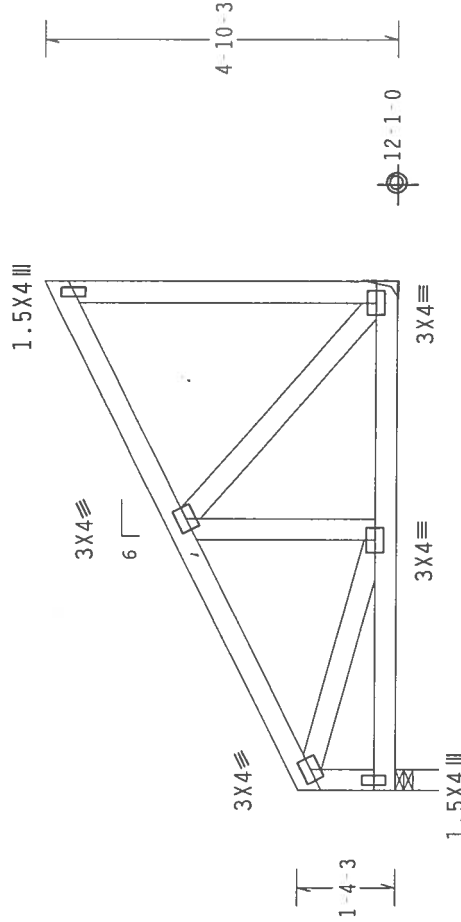
BC - *413 LB Conc. Load at 5.23

* Provide connection for concentrated load(s) shown.

110 mph wind, 15.18 ft mean hgt, ASCE 7-98, 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.

Right end vertical not exposed to wind pressure.

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



7-0-0 Over 2 Supports
R=1234 U-357 W=3.5"

R=905 U-291 H-Simpson LUS26
W=141 L=10d Common, 0.148"x3.0" nails in Truss
W=141 L=10d Common, 0.148"x3.0" nails in Girder
W=141 L=10d Common, 0.148"x3.0" nails in So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .375"/Ft.

TC LL	20.0 PSF	REF R487-- 36701
TC DL	10.0 PSF	DATE 07/14/04
BC DL	10.0 PSF	DRW HCUSR487 04196055
BC LL	0.0 PSF	HC-ENG TCE/NE
TOT.LD.	40.0 PSF	SEQN- 93357
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEH487_Z01

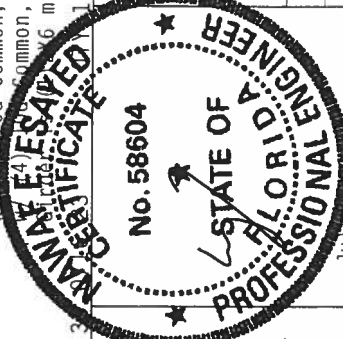
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W.H/S/K) ASTM A653 GRADE 40/60 (M. 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 TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****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/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W.H/S/K) ASTM A653 GRADE 40/60 (M. 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 TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1930 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

- TC From 60 PLF at 0.00 to 60 PLF at 7.00
- BC From 20 PLF at 0.00 to 20 PLF at 7.00
- BC - *397 LB Conc. Load at 1.73
- BC - *287 LB Conc. Load at 3.73, 5.73

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

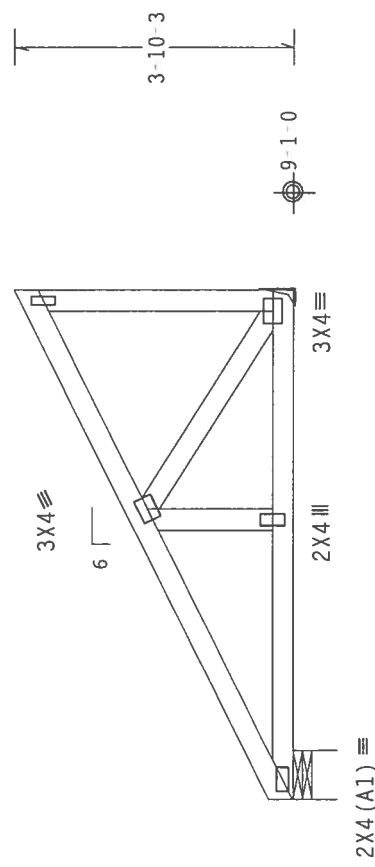
* Provide connection for concentrated load(s) shown.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

Right end vertical not exposed to wind pressure.

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

1.5X4 III



7'-0-0 Over 2 Supports
R=798 U=254 W=8"

R=732 U=238 H-Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

FL / - 4 / - / R / -

Scale = .375" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 503 MADISON AVE, SUITE 100, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (W.H/S/R) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 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 SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

ALPINE

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

FL Certificate of Authorization # 567

MANA F. ESAYED
No. 58604
STATE OF
PROFESSIONAL ENGINEER
JUL 14 2004

TC LL	20.0 PSF	REF	R487 --	36702
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196085
BC LL	0.0 PSF	HC-ENG	TCE/NE	
TOT.LD.	40.0 PSF	SEQN	93386	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487_Z01	

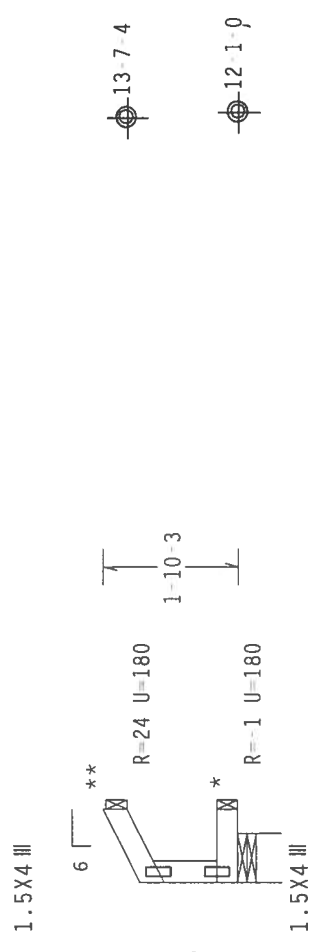
(294 CARMEN FAVORITO - CJ15)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 13.68 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

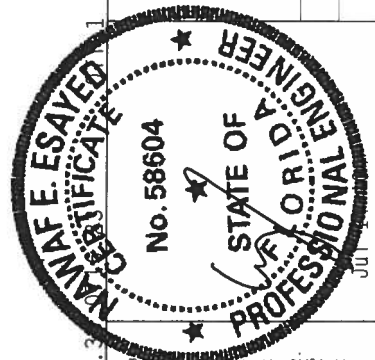
Deflection meets L/360 live and L/240 total load.

- ** Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
- * Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.



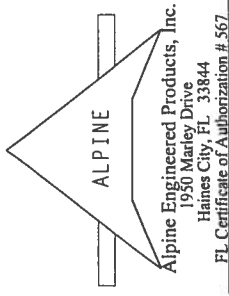
1-0-0 Over 3 Supports
R=56 U=180 W=8"

PLT TYP. Wave TPI		Design Crit: TPI-1995(STD)/FBC		Scale = .375"/Ft.	
		6.3		FL/-/4/-/R/-	
		1		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	
				SPACING 24.0"	
				REF R487 -- 36703	
				DATE 07/14/04	
				DRW HCUSR487 04196086	
				HC-ENG TCE/NE	
				SEQN- 93410	
				JREF- 1SEH487_Z01	



****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, 5630 DONORIO DR., SUITE 200, MAUISON, WI 53719) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WILSON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES 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 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



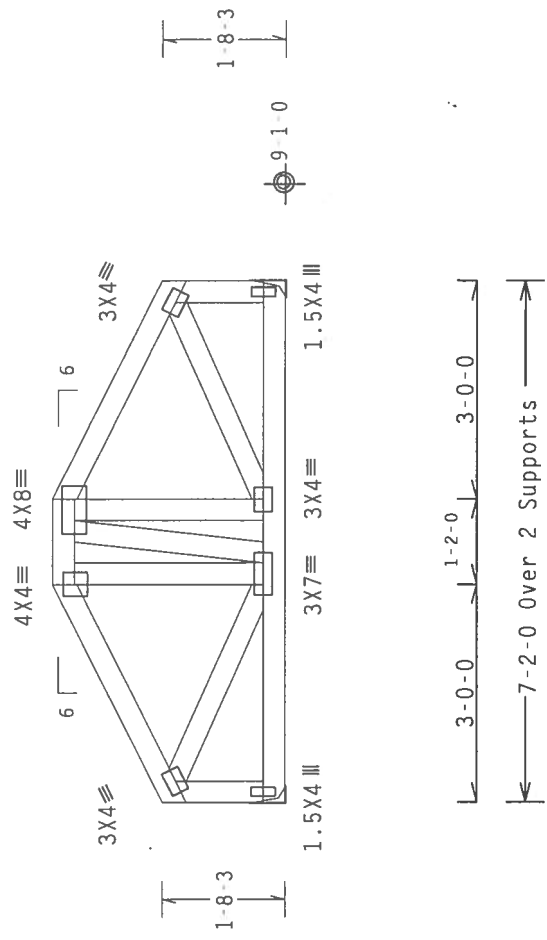
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

#1 hip supports 3-0-0 jacks with no webs.

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

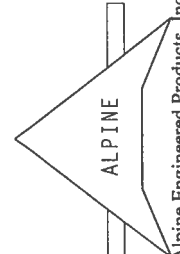
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind 8C DL=5.0 psf.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



R=397 U-180 H-Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

R=397 U=180 H-Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

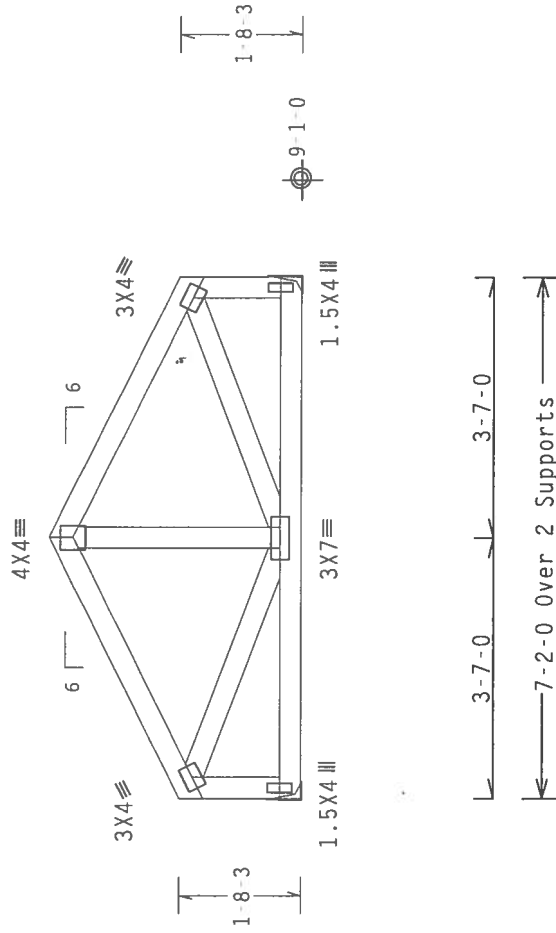
PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC		Scale = .375"/Ft.	
	6.3	FL / - / 4 / - / - / R / -	TC LL	20.0 PSF
 Alpine Engineering Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 DUNFORD DR., SUITE 200, MAULSON, WI 53419) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		TC DL	10.0 PSF
	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 IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M/H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-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 SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		BC DL	10.0 PSF
			BC LL	0.0 PSF
			TOT.LD.	40.0 PSF
			DUR.FAC.	1.25
			SPACING	SEE ABOVE
			JREF	1SEH487_Z01
			REF	R487 -- 36704
			DATE	07/14/04
			DRW	HCUSR487 04196084
			HC-ENG	TCE/NE
			SEQN	93370

Top chord	2x4	SP #2	Dense
Bot chord	2x4	SP #2	Dense
Webs		2x4	SP #3

110 mph wind, 11.66 ft mean hgt, ASCE 7-98, 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.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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



R=287 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in
Girder is (1)2X6 min. So.Pine

R=287 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

F11-141-1-1R1-

Scale = 375"/Ft

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PCS-1 (BUILDING COMPONENT SAFETY INFORMATION) AND PCS-2 (TRUSS SAFETY INFORMATION) FOR ADDITIONAL INFORMATION. DOW CORP., 1900 ROCKAWAY AVE., SUITE 200, MADISON, WI 53719, AND WCA (WOOD TRUSS COUNCIL OF AMERICA) 10000 WILSON AVENUE, SUITE 200, 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 R487-- 36705
TC DL	10.0 PSF	DATE 07/14/04
BC DL	10.0 PSF	DRW HCUR487 04196087
BC LL	0.0 PSF	HC-ENG TCE/NE *
TOT.L.D.	40.0 PSF	SEQN- 93374
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SEH487 701

A circular professional engineer seal for the State of Florida. The outer ring contains the text "FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The center of the seal features the text "STATE OF" above "No. 58604". A signature is written across the center, and the date "Jul 14 '04" is stamped in the bottom right corner.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PCS1 FOR BUILDING COMPONENT SAFETY UPGRADE (MAY 2011) TPI TRUSS PLATE INSTITUTE, 5815 W. O'CONNOR DR., SUITE 200, MADISON, WI 53719, AND 1-800-3 TRUSS. TRUSS STRUCTURAL ANALYSIS, INC., 1000 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 COMPLIANCE WITH THE ORDER FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. CONNECTOR PLATES ARE MADE OF 7075-T6 ALUMINUM PER MIL-STD-8838 (MAY 2011) TPI TRUSS PLATE INSTITUTE. ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, GALVALUM (H, K4153) GALV. STEEL. APPLY INSULATION TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, 2" POLYURETHANE INSULATION. 16GA. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEY 43 OF TPI 2002 SEC 3.1. (2) SHALL BE PER ANEY 43 OF TPI 2002 SEC 3.1. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUITABLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

(294-CARMEN FAVORITO - H5L)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

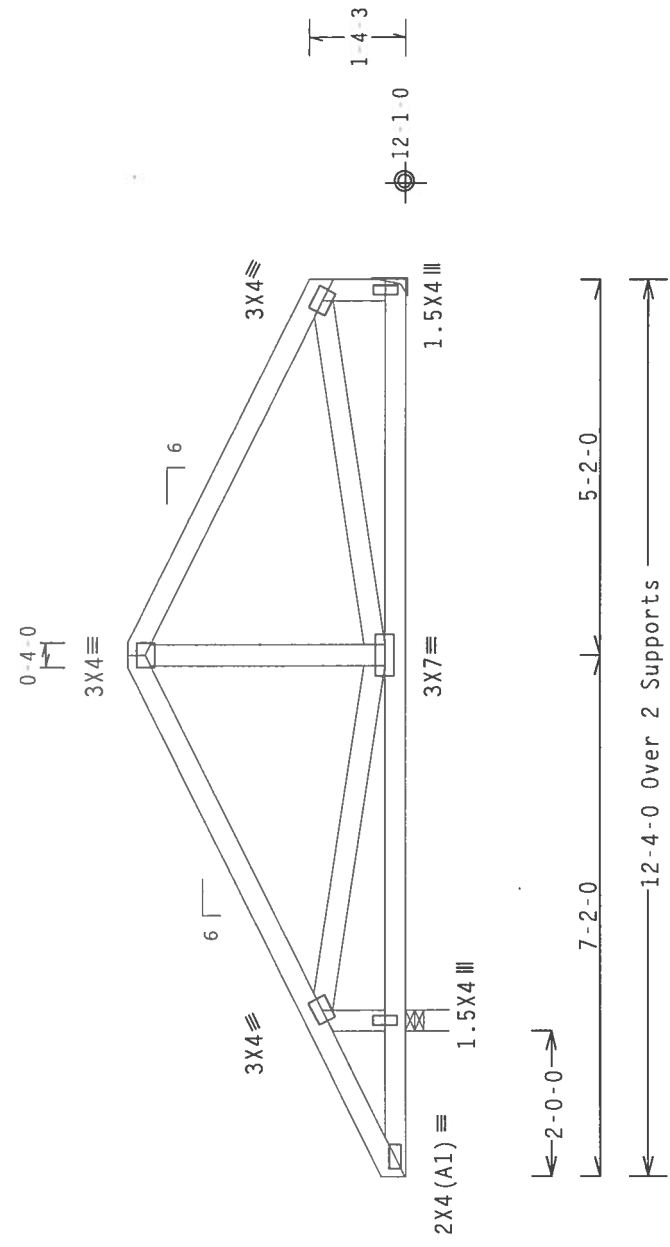
#1 Hip designed to support 7'-0" jacks with 2'-0" cantilever. Jacks have vertical over brg only.

Left side jacks have 7'-0" setback with 2'-0" cant and 0'-0" overhang. End jacks have 7'-0" setback with 2'-0" cant and 0'-0" overhang. Right side jacks have 7'-0" setback with 2'-0" cant and 0'-0" overhang.

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

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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



R=776 U-187 H-Simpson LU26
w/ (4) 10d, 0.148" dia in Truss
w/ (6) 16d, 0.1875" dia in Girder
Girder is (1) 12" x 10" x 1/2"

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	Scale = .375"/Ft.
ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844	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 SPACING SEE ABOVE	REF R487 -- 36706 DATE 07/14/04 DRW HCUSR487 04196088 HC-ENG TCE/NE SEQN- 93343 JREF- 1SEH487_Z01
FL/14/1-1-R/-		
No. 58604 STATE OF FLORIDA PROFESSIONAL ENGINEER JUL 14 04		
FL Certificate of Authorization # 567		

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1995 (STD) OR TPI-1995 (STD) SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-1995 (STD) OR TPI-1995 (STD) SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS.

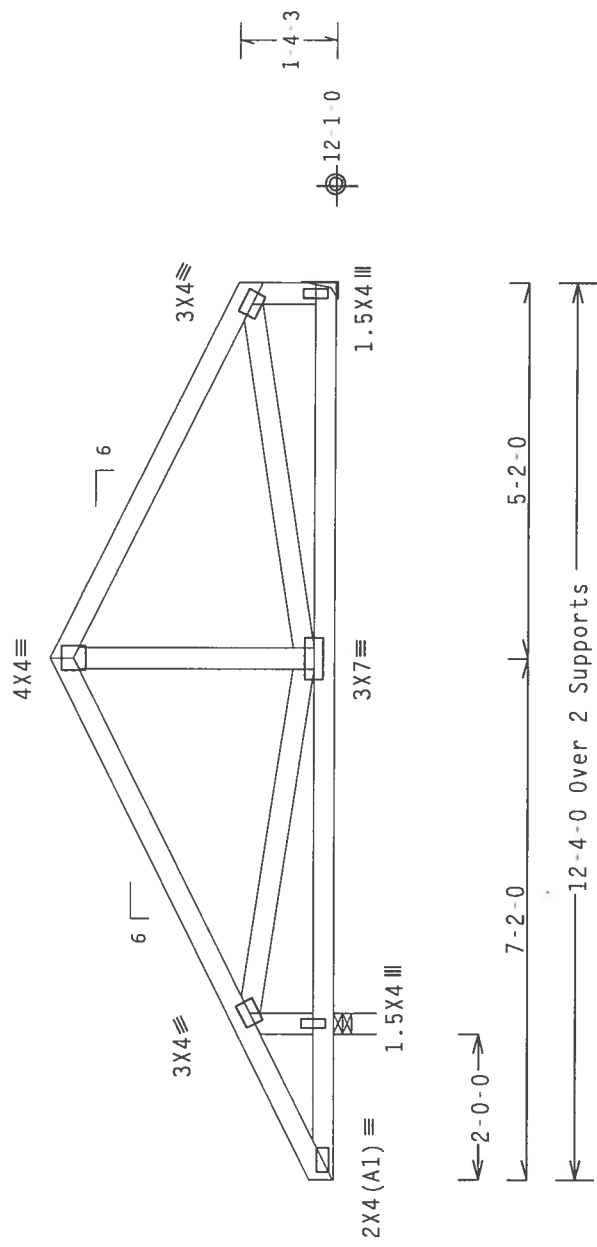
(294-CARMEN FAVORITO - L)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 14.22 ft mean hgt, ASCE 7-98, 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.



R-389 U=180 H=Simpson LU24

w/ (2) 10d, 0.148" in Truss
w/ (4) 10d Compression Nails in Girder
Girder is (1) 6" x 12" x 10"

R-597 U=232 W=3.5"

PLT TYP. Wave TPI

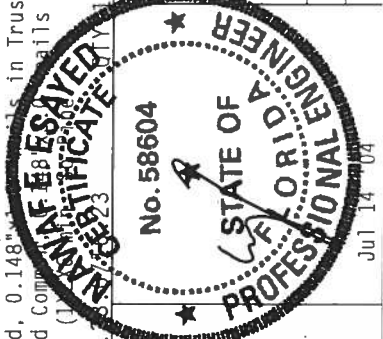
Design Crit: TPI-1995 (STD)/FBC

Scale = .375" / Ft.

TC LL	20.0 PSF	REF	R487 --	36707
TC DL	10.0 PSF	DATE	07/14/04	
BC DL	10.0 PSF	DRW	HCUSR487	04196089
BC LL	0.0 PSF	HC-ENG	TCE/NE	*
TOT.LD.	40.0 PSF	SEQN	93347	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SEH487	Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TPI TRUSS PLATE INSTITUTE, 150 D'ORFORD DR., SUITE 200, MADISON, WI 53719, AND MCMC TRUSS, 1000 N. ALPINE, 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. 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. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W. 1/8") ASTM A653 GRADE 40/60 (W. K/M. 5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A Z. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES THE SUFFICIENT PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUFFICIENT PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANS/TPI 1 SEC. 2.



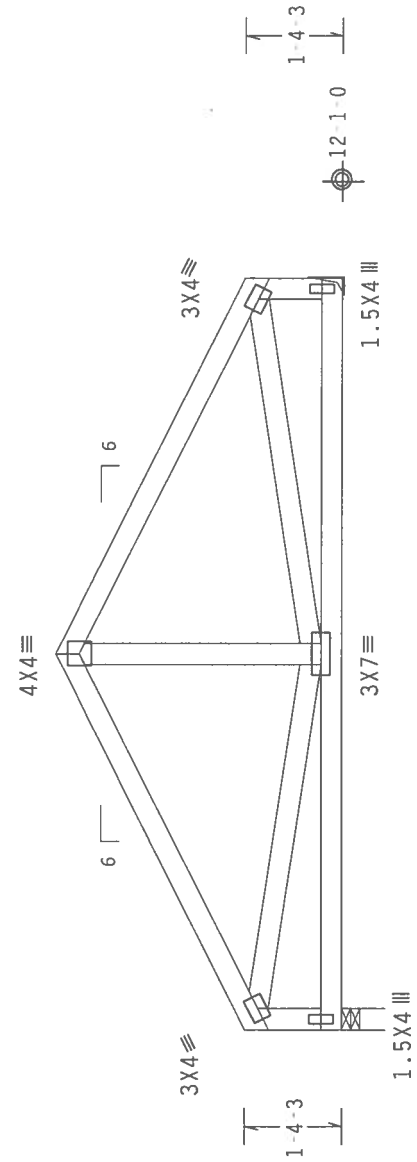
(294-CARMEN FAVORITO - LS)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

110 mph wind, 14.72 ft mean hgt, ASCE 7-98, 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.

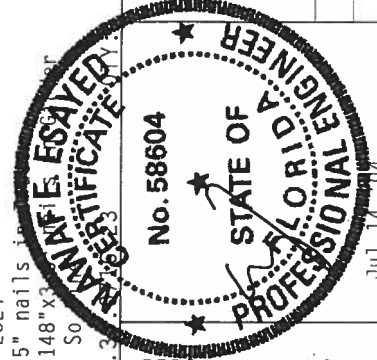
Deflection meets L/360 live and L/240 total load.



5-2-0 5-2-0
10-4-0 Over 2 Supports
R=413 U=180 W=3.5"

R-413 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in top chord
w/ (4) 10d common, 0.148"x3" nails in bottom chord
Girder is (1)2X6 min. So

PLT TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	6.3	Scale = .375" / Ft.
ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	PLT TYP. Wave TPI	TC LL 20.0 PSF	REF R487 -- 36708
		TC DL 10.0 PSF	DATE 07/14/04
		BC DL 10.0 PSF	DRW HCUSR487 04196090
		BC LL 0.0 PSF	HC-ENG TCE/NE *
		TOT.LD. 40.0 PSF	SEON - 93350
		DUR.FAC. 1.25	
		SPACING 24.0"	JREF - 1SEH487_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (M.H/S/K) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AM51/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (M.H/S/K) ASTM A653 GRADE 40/60 (W. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AM51/TPI 1 SEC. 2.

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 BRACING 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.

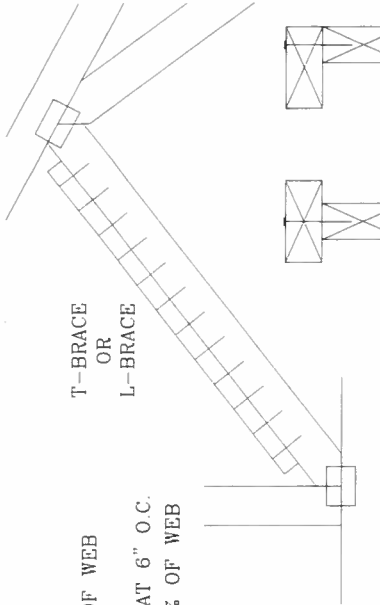
T-BRACING

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

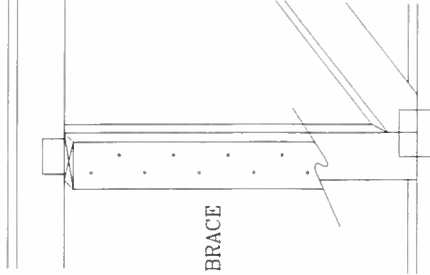


T-BRACE

L-BRACE

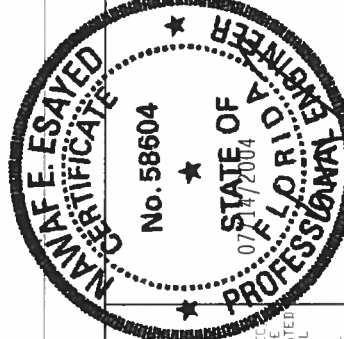
SCAB BRACING:

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



SCAB BRACE

THIS DRAWING REPLACES DRAWING 579,640



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 DORFRIED DR., SUITE 200, MADISON, WI 53719), AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6380 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. 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 CORRELATOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN AND CONFORMANCE WITH THE REQUIREMENTS OF THE DESIGN. THE DESIGN SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AISI/TPI 1 SEC. 2.

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.			
SPACING			



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

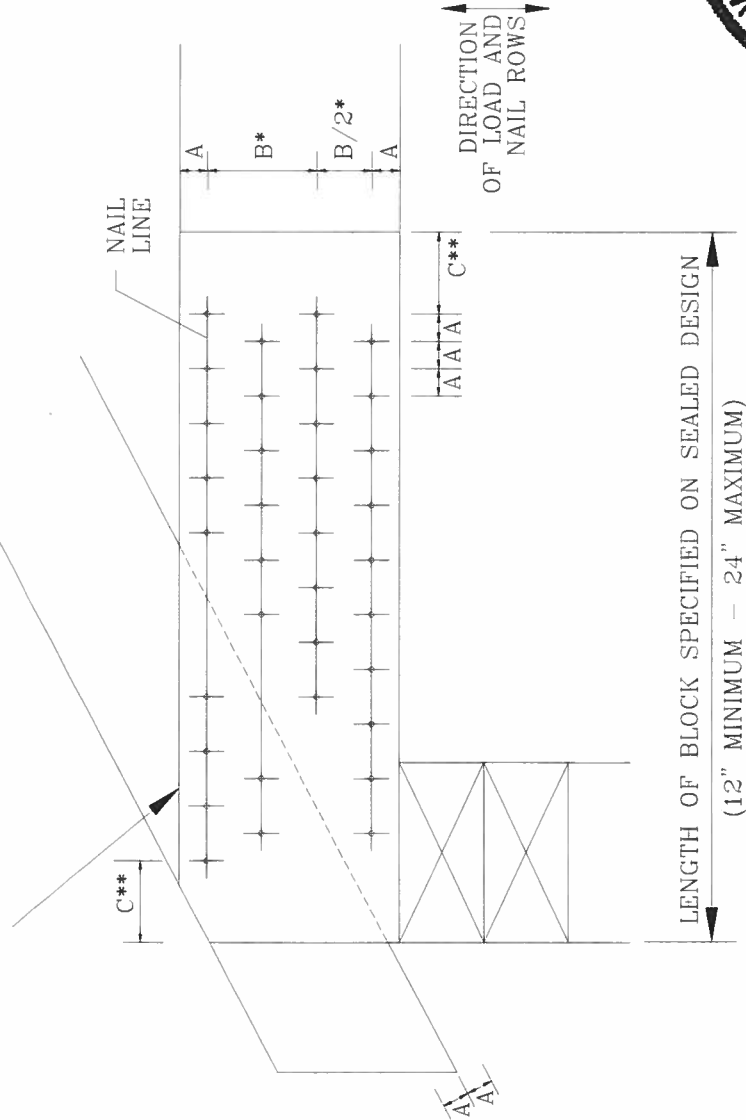
BEARING BLOCK NAIL SPACING DETAIL

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 (Fc-perp) IS AT LEAST THAT OF THE CHORD.

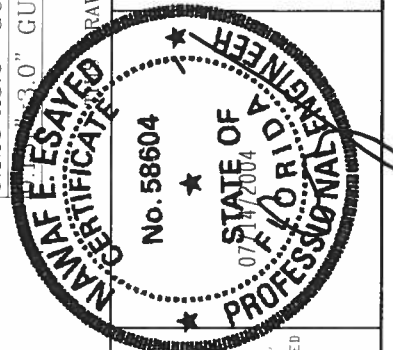


MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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 1/4"
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"



DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGBLK1103
-ENG	SJP/KAR

••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 DUNDRAFF DR., SUITE 200, MADISON, VT. 05719) AND VITA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE BLVD., SUITE 100, FORT WORTH, TX 76116) FOR SAFETY PRACTICES PRIOR TO PERFORMING CONSTRUCTION. ALL NAIL LINES MUST BE PROPERLY SPACED AND STAGGERED. ALL NAIL LINES MUST BE PROPERLY SPACED AND STAGGERED. ALL NAIL LINES MUST BE PROPERLY SPACED AND STAGGERED.

••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. FOR WOOD) AND TPI. ALPINE CONTRACTOR PLATES ARE MADE OF 2018/16GA (W/H/S/A) ASTM A653 GRADE 40/50 (W/H/S/A) GALVALUM. STEEL APPLIED PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY 40/50 (W/H/S/A) GALVALUM, SHALL BE PERMANENTLY SEALED ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER AISI/TPI 1 SEC. 2.

