Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SSZ2888Z0614094158

Truss Fabricator:	Arnold Truss Company
Job Identification:	19311-HOMES BY WHITTAKER / #2021 ACUNA RES.
Truss Count:	46
Model Code:	Florida Building Code
Truss Criteria:	ANSI/TPI-1995(STD)/FBC
Engineering Software:	Alpine Software,Version 7.10.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 37.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Partially Enclosed

Seal Date: 12/14/2005

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

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR2888

Details: VALCONVF

#	Ref	Description	Drawing#	Date
1	96068	T-1	05347166	12/13/05
2	96069	T-2	05347140	12/13/05
3	96070	T-3	05347139	12/13/05
4	96071	T-4	05347141	12/13/05
5	96072	T-5	05347142	12/13/05
6	96073	T-6	05347143	12/13/05
7	96074	T-7	05347136	12/13/05
8	96075	T-8	05347170	12/13/05
9	96076	T-9	05347144	12/13/05
10	96077	T-10	05347146	12/13/05
11	96078	T-11	05347156	12/13/05
12	96079	T-12	05347155	12/13/05
13	96080	T-13	05347171	12/13/05
14	96081	T-14	05347158	12/13/05
15	96082	T-15	05347150	12/13/05
16	96083	T-16	05347127	12/13/05
17	96084	T-17	05347154	12/13/05
18	96085	T-18	05347153	12/13/05
19	96086	T-19	05347152	12/13/05
20	96087	T-20	05347138	12/13/05
21	96088	T-21	05347157	12/13/05
22	96089	T-22	05347137	12/13/05
23	96090	T-23	05347131	12/13/05
24	96091	T-24	05347130	12/13/05
25	96092	T-25	05347129	12/13/05
26	96093	T-26	05347128	12/13/05
27	96094	T-27	05347172	12/13/05
28	96095	T-28	05347151	12/13/05
29	96096	T-29	05347145	12/13/05
30	96097	T-30	05347162	12/13/05
31	96098	T9A	05347161	12/13/05
32	96099	J7	05347135	12/13/05
33	96100	J7A	05347163	12/13/05
34	96101	J7B	05347169	12/13/05
35	96102	J6	05347164	12/13/05
36	96103	J3	05347168	12/13/05
37	96104	J3A	05347165	12/13/05
38	96105	CJ5	05347133	12/13/05
39	96106	CJ3	05347134	12/13/05
40	96107	CJ1	05347159	12/13/05
41	96108	CJ1A	05347160	12/13/05
42	96109	HJ10	05347132	12/13/05
43	96110	HJ5	05347167	12/13/05
44	96111	HJ4	05347149	12/13/05
45	96112	HJ4A	05347148	12/13/05
46	96113	HJ4B	05347147	12/13/05

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Florida Engineering Certificate of Authorization Number: 567
 Document ID:1SSZ2888Z0614094158

Truss Fabricator:	Arnold Truss Company
Job Identification:	19311-HOMES BY WHITTAKER / #2021 ACUNA RES. (JUSTICE #1381 OCALA. FL)
Truss Count:	2
Model Code:	Florida Building Code
Truss Criteria:	ANSI/TPI-1995(STD)/FBC
Engineering Software:	Alpine Software,Version 7.10.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 37.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Partially Enclosed

Seal Date: 12/14/2005

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

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR2888

Revised Trusses

#	Ref	Description	Drawing#	Date
1	96084--T-17		05347154	12/13/05
2	96088--T-21		05347157	12/13/05

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - T 1)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

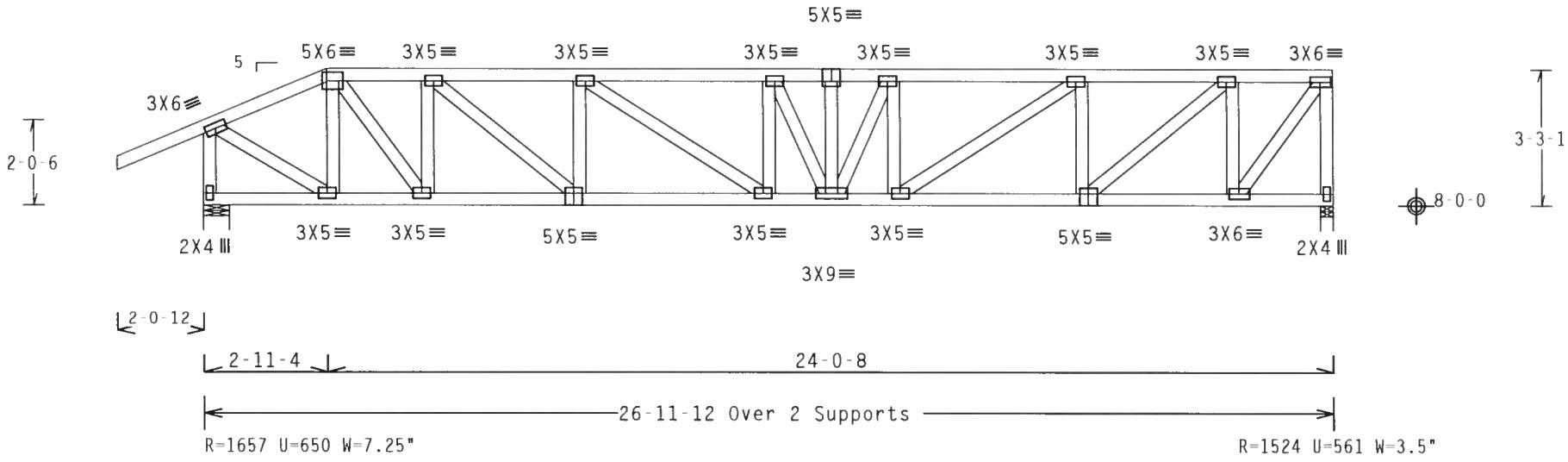
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

Roof overhang supports 2.00 psf soffit load.

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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

JAMES F. COLLINS JR. LICENSE No 62812 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96068
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347166
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 24090
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

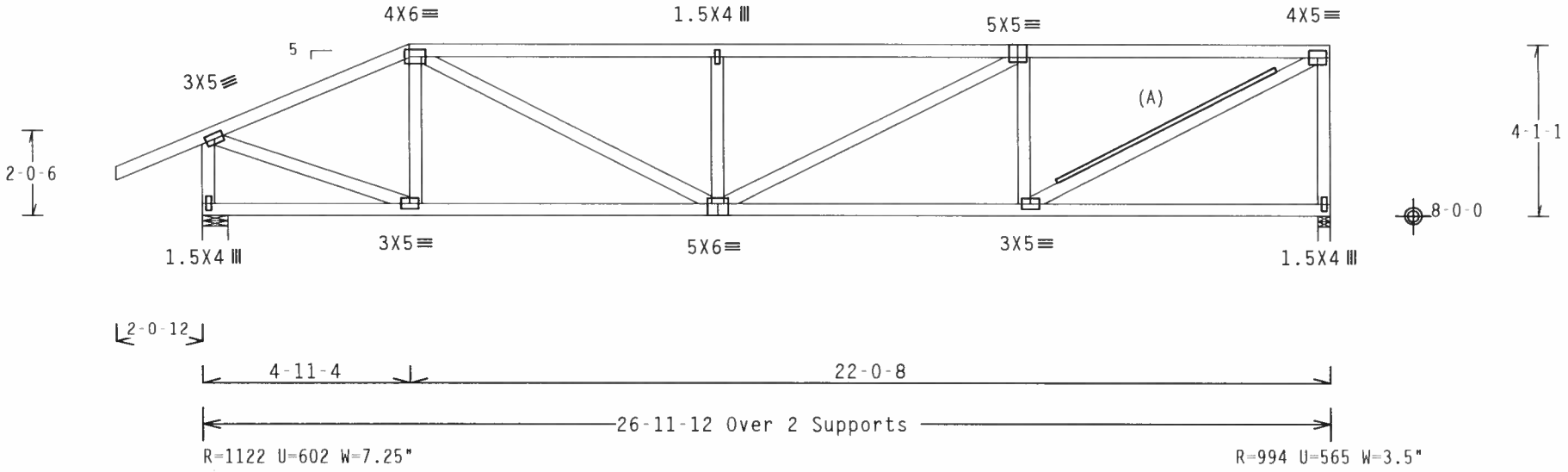
Components and cladding wind pressures considered for uplift callouts.

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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TC LL	20.0	PSF
TC DL	7.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	

REF	R2888- 96069
DATE	12/13/05
DRW	HCUSR2888 05347140
	HC-ENG EC/WHK
SEQN-	45529

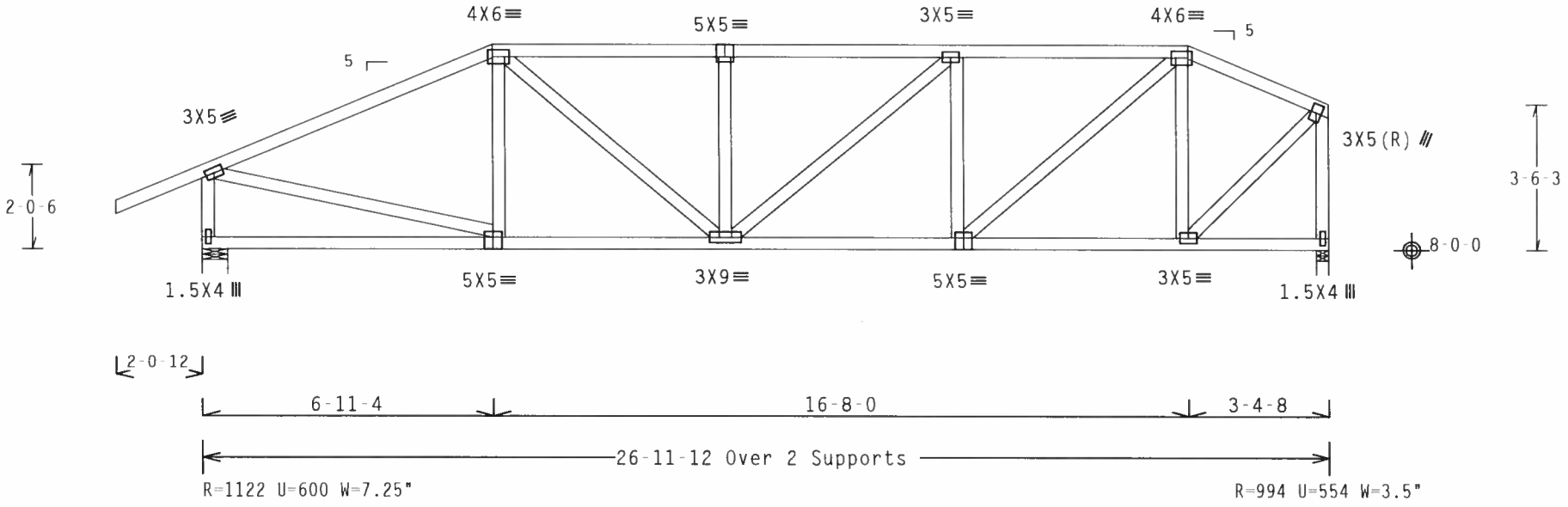
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.2 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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TC LL	20.0 PSF	REF R2888- 96070
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347139
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 45525
DUR.FAC.	1.25	

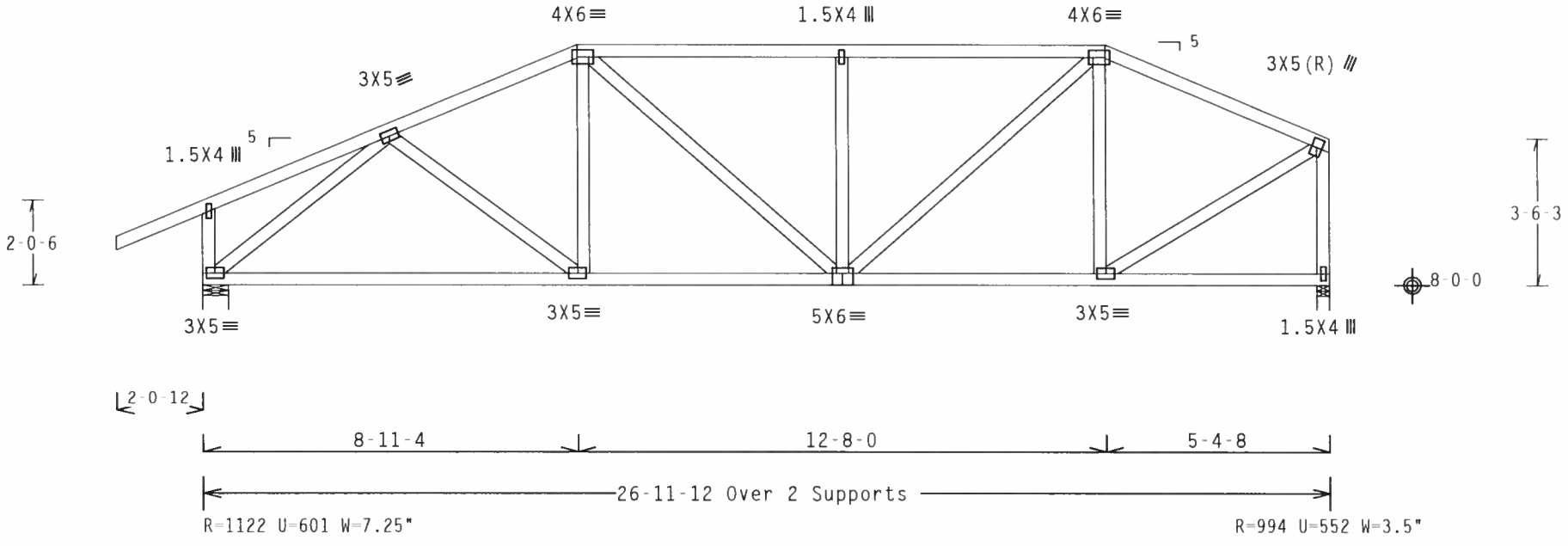
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1223 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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1950 Marley Drive

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TC LL	20.0 PSF	REF R2888- 96071
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347141
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 45521
DUR.FAC.	1.25	

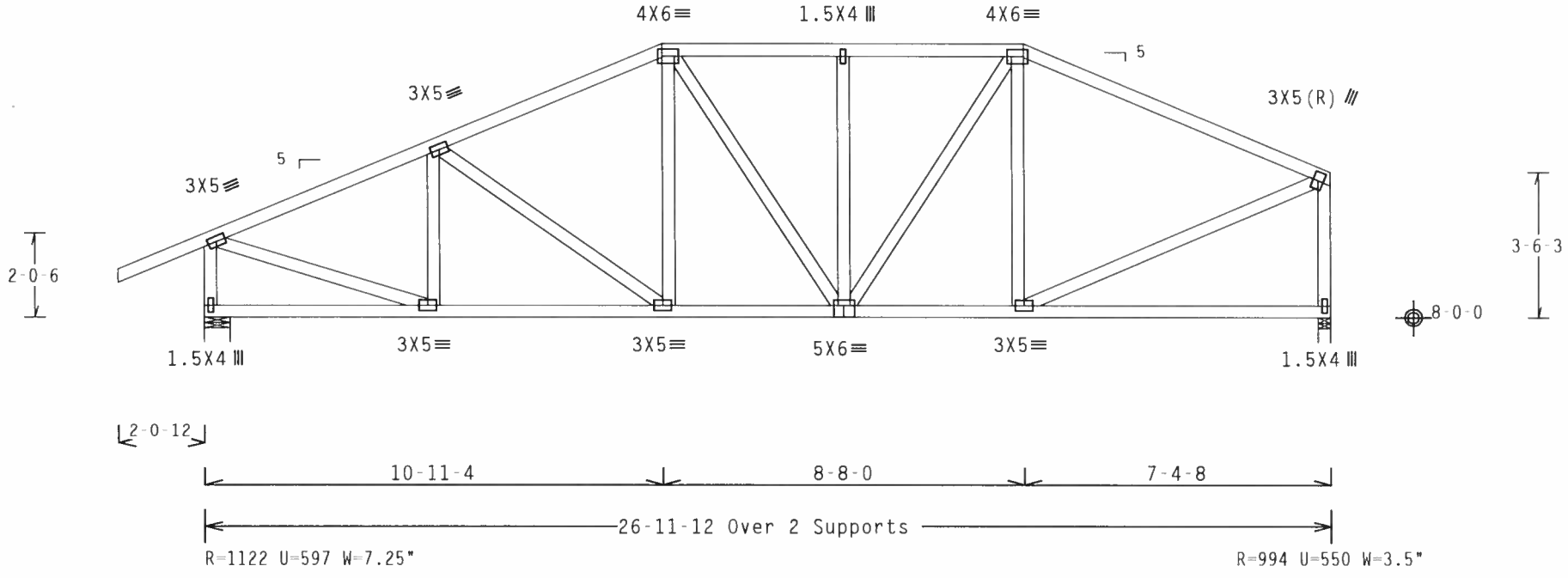
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 3 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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TC LL	20.0 PSF	REF R2888- 96072
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347142
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 45517
DUR.FAC.	1.25	

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - T-6)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

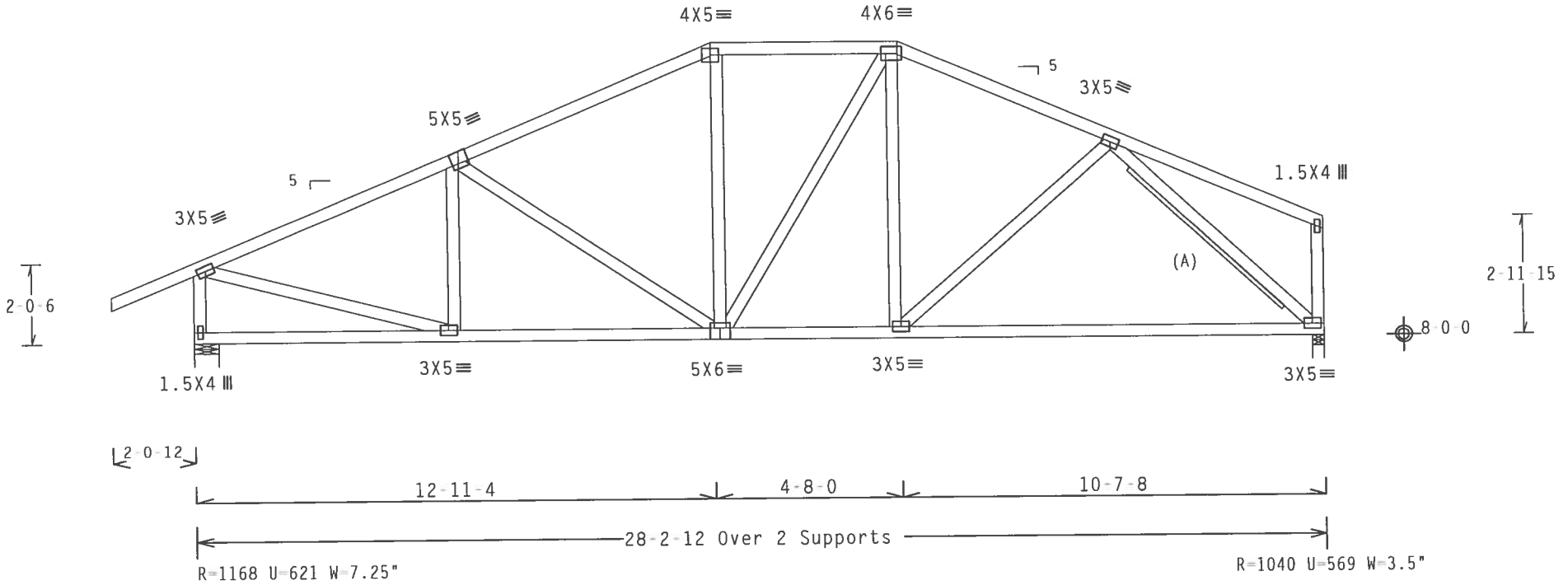
Components and cladding wind pressures considered for uplift callouts.

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.0 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888-96073
DATE	12/13/05
DRW	HCUSR2888 05347143
HC-ENG	EC/WHK
SEQN-	45513

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - T 7)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

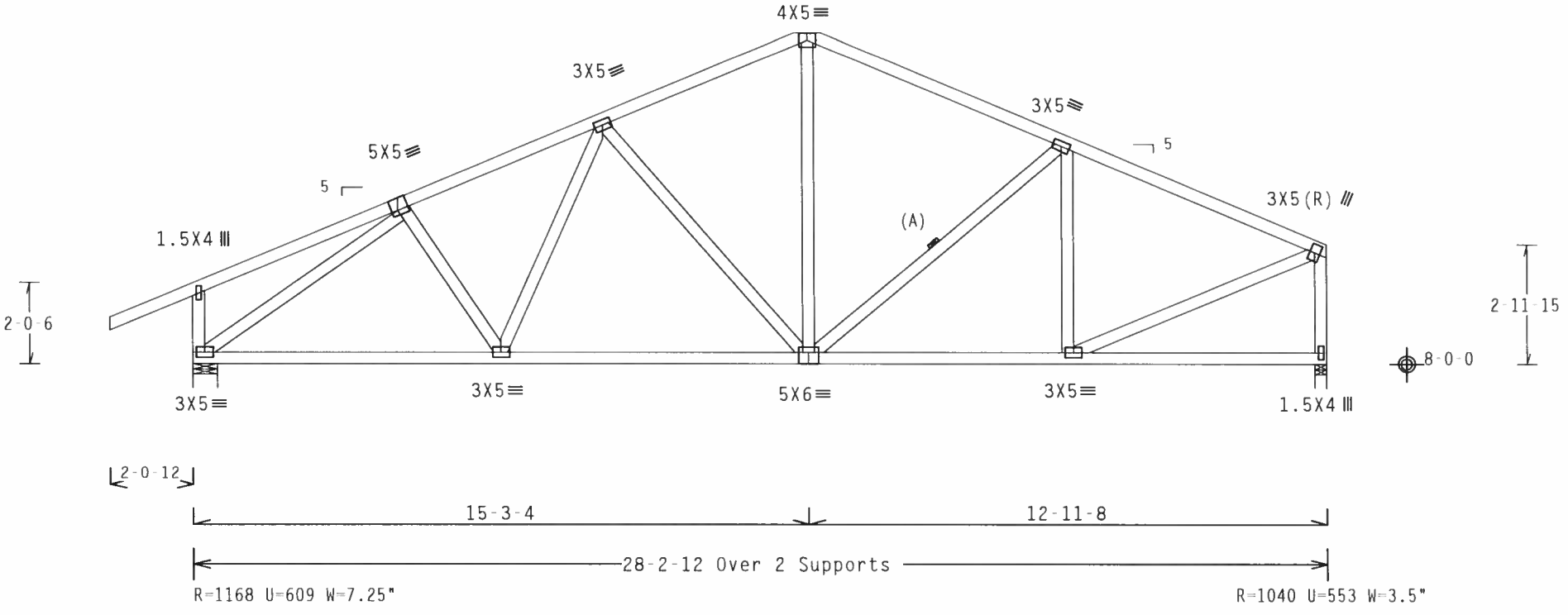
Components and cladding wind pressures considered for uplift callouts.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.20 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96074
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347136
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 45509
DUR.FAC.	1.25	

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - T-8)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

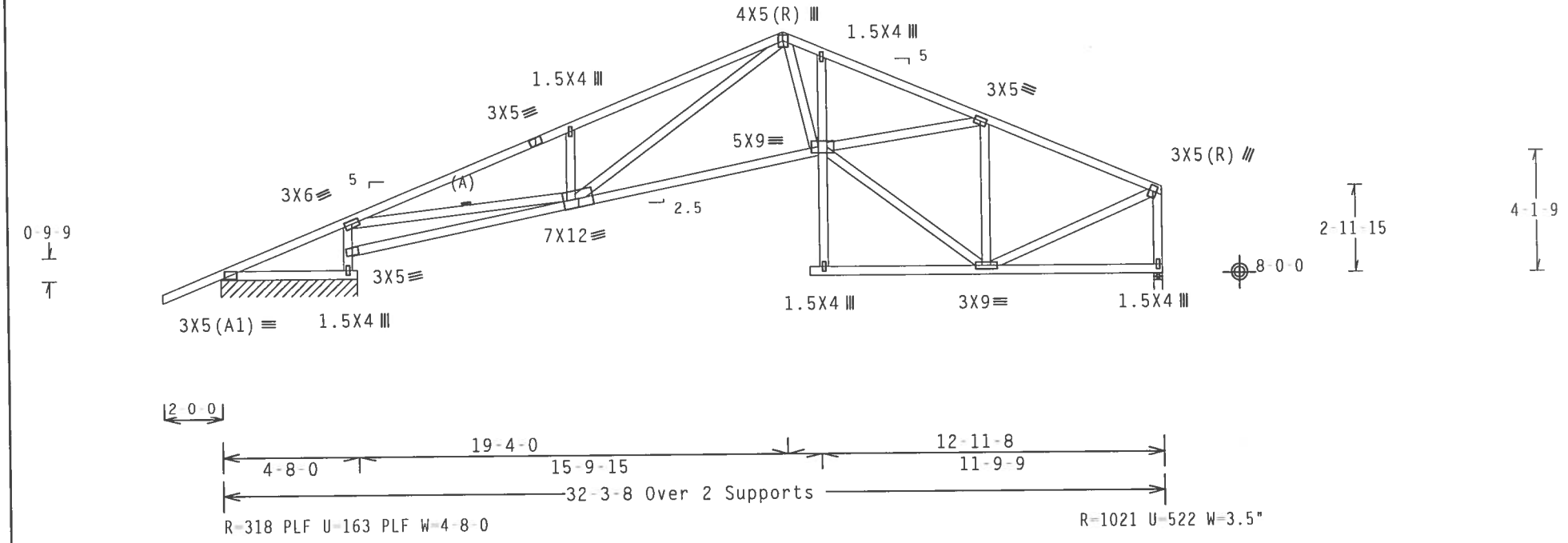
(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.20 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888-96075
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347170
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 109073
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

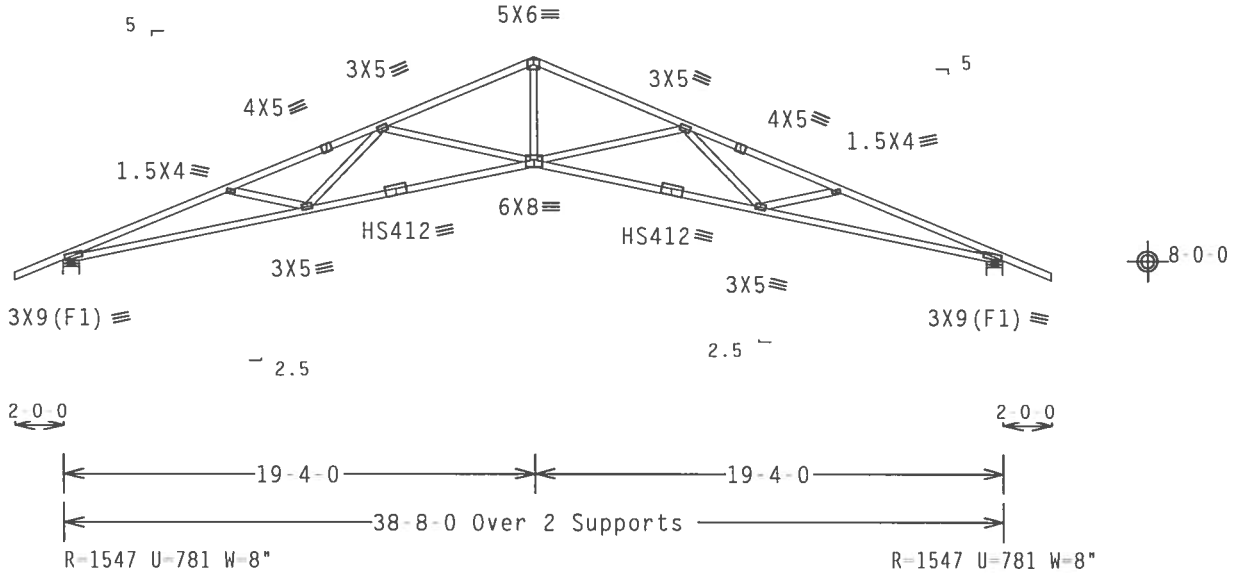
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Calculated vertical deflection is 0.71" due to live load and 0.58" due to dead load at X = 24-11-15.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Calculated horizontal deflection is 0.38" due to live load and 0.31" due to dead load.

Deflection meets L/240 live and L/180 total load.



PLT TYP. 20 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC 7.10.1222 3 QTY:4 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS, JR. LICENSE No. 52211 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96076
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347144
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108847
DUR.FAC.	1.25	

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. T 10)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

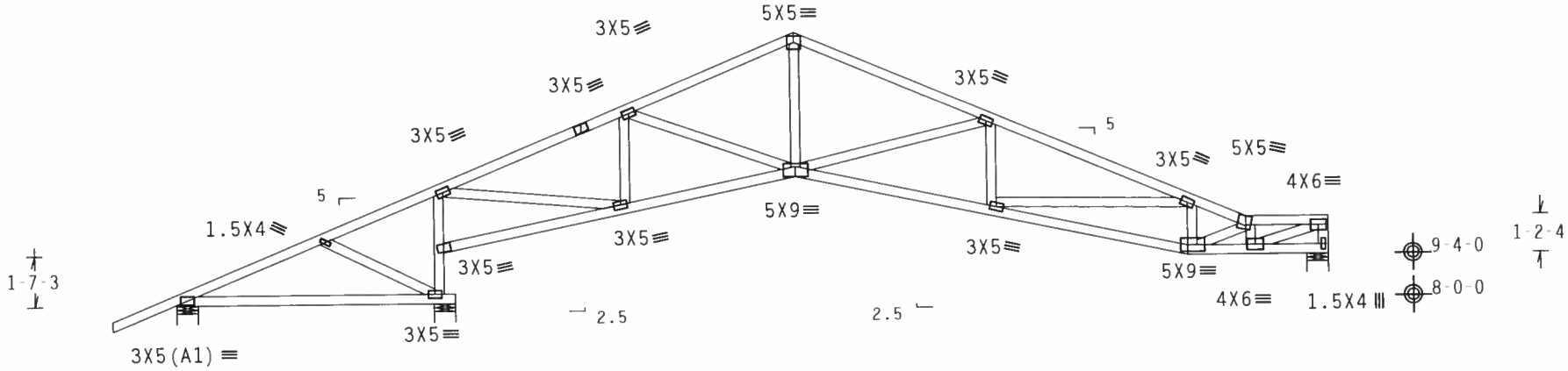
Components and cladding wind pressures considered for uplift callouts.

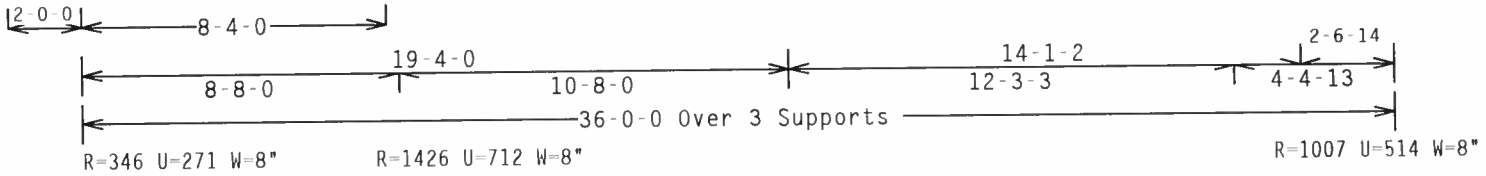
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Roof overhang supports 2.00 psf soffit load.

Deflection meets L/240 live and L/180 total load.





PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 7.10.1222.20 QTY:3 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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JAMES F. COLLINS JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888- 96077
DATE	12/13/05
DRW	HCUSR2888 05347146
	HC-ENG EC/WHK
SEQN-	23511

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

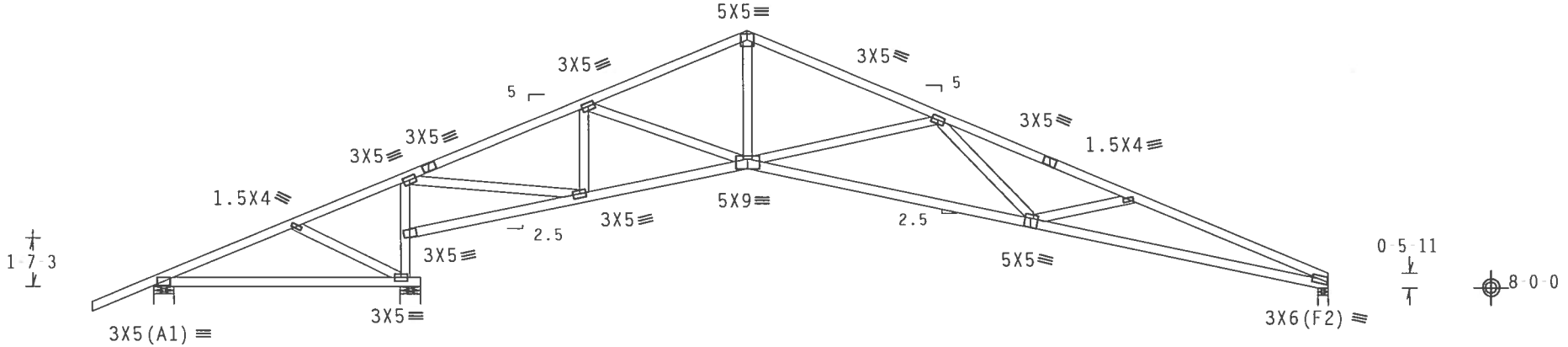
Components and cladding wind pressures considered for uplift callouts.

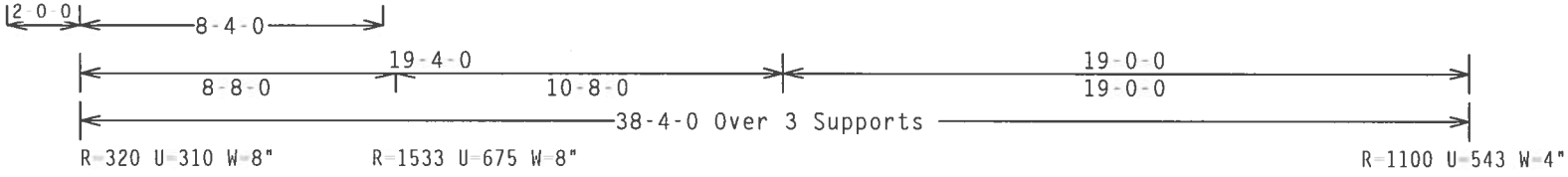
Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.2 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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1950 Marley Drive

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888-96078
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347156
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108974
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

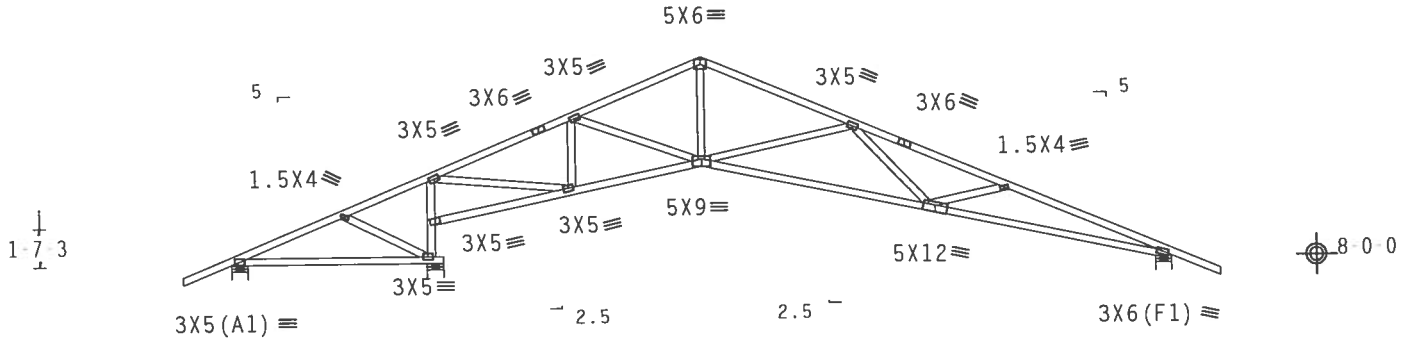
Components and cladding wind pressures considered for uplift callouts.

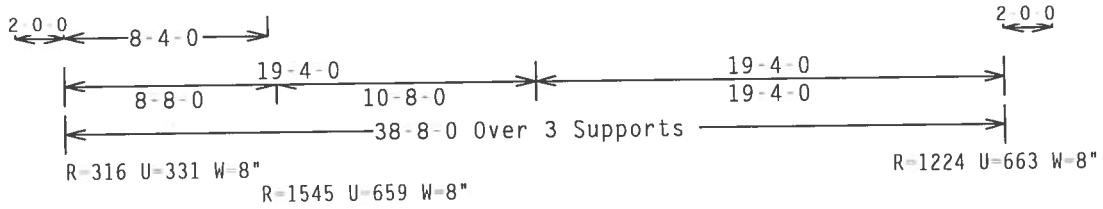
Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE
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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888-96079
DATE	12/13/05
DRW	HCUSR2888 05347155
HC-ENG	EC/WHK
SEQN-	108874

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - T-13)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

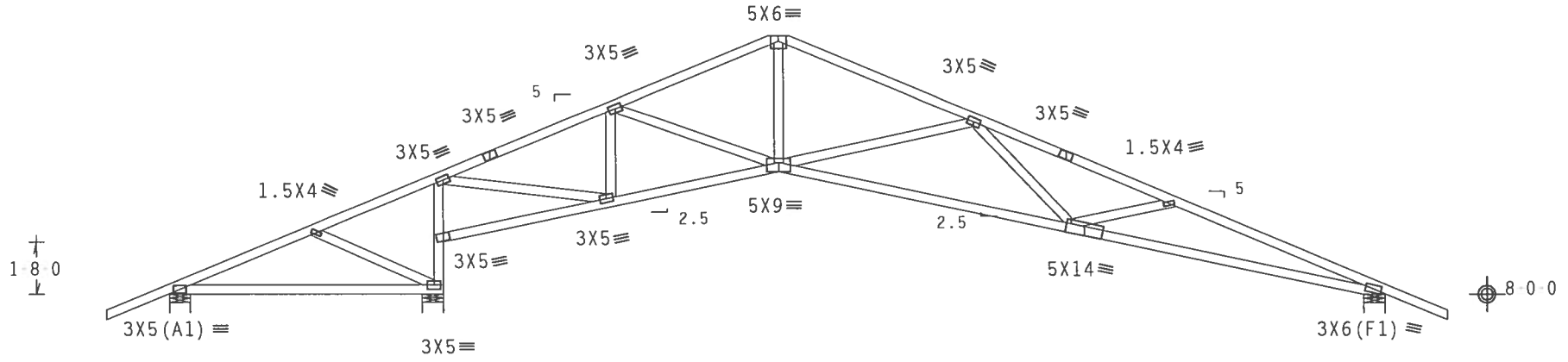
Components and cladding wind pressures considered for uplift callouts.

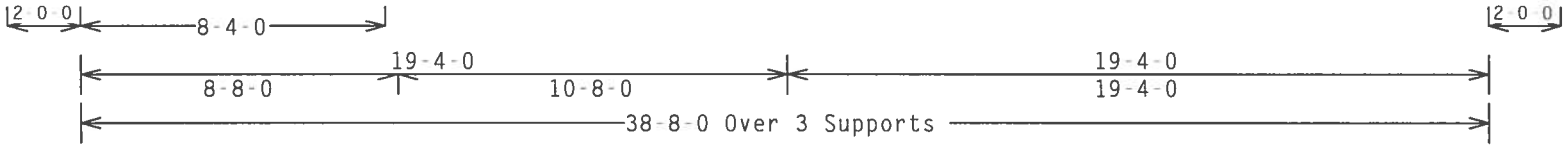
Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.





R=437 U=379 W=8"

R=1422 U=587 W=8"

R=1234 U=657 W=8"

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96080
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347171
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 24083
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

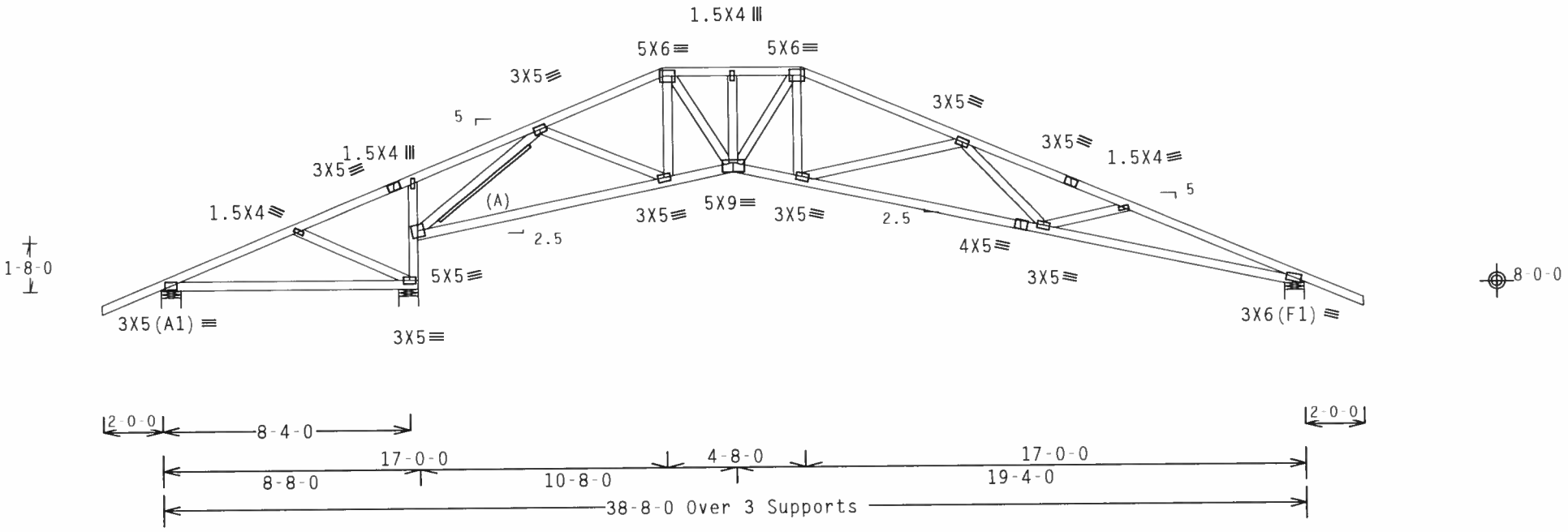
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

Shim all supports to solid bearing.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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Alpine Engineered Products, Inc.

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JAMES F. COLLINS JR. LICENSE No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R2888- 96081
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347158
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN-	24078
DUR.FAC.	1.25		

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - T-15)

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

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

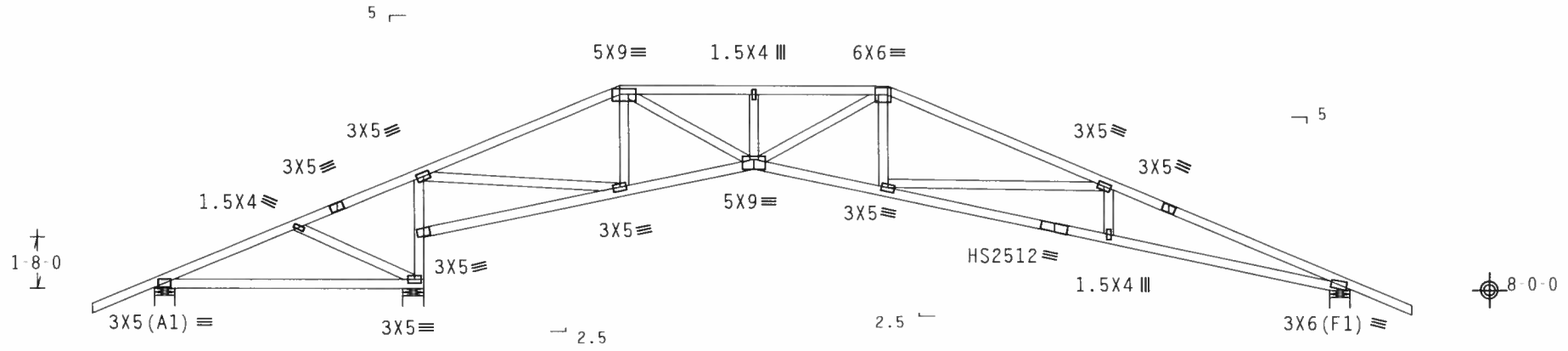
Components and cladding wind pressures considered for uplift callouts.

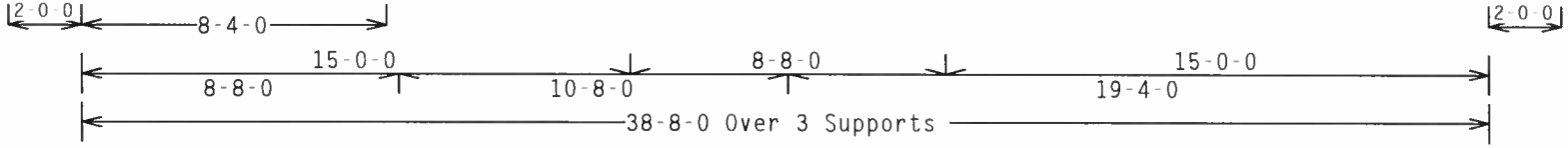
Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Shim all supports to solid bearing.





R=423 U=367 W=8"

R=1441 U=622 W=8"

R=1230 U=673 W=8"

PLT TYP. 20 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC 7.10.1222.21 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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TC LL	20.0 PSF	REF R2888- 96082
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347150
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 24073
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

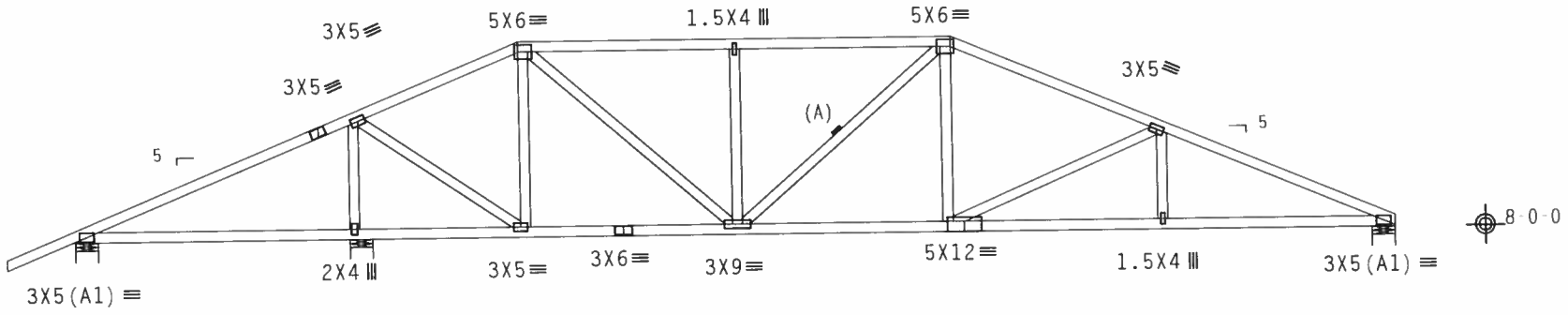
Components and cladding wind pressures considered for uplift callouts.

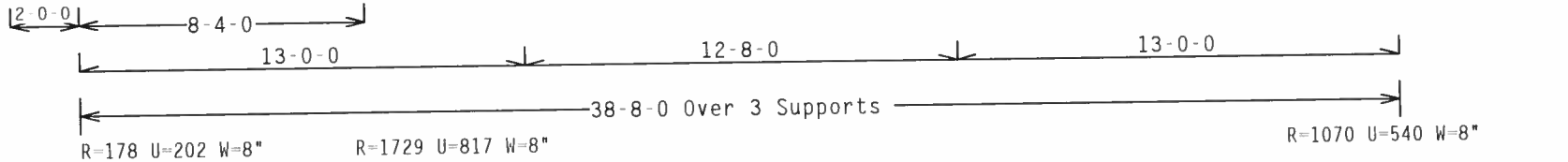
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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/240 live and L/180 total load.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.20 | QTY:1 FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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TC LL	20.0 PSF	REF R2888- 96083
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347127
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108905
DUR.FAC.	1.25	

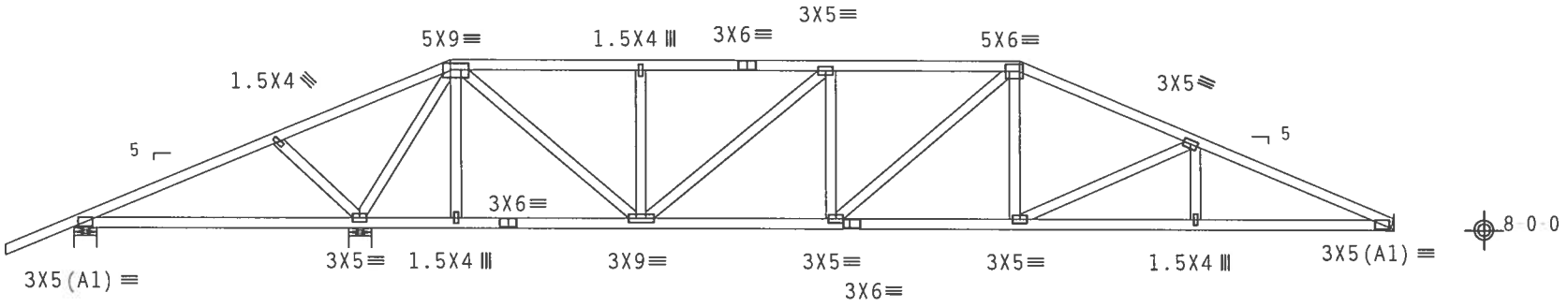
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

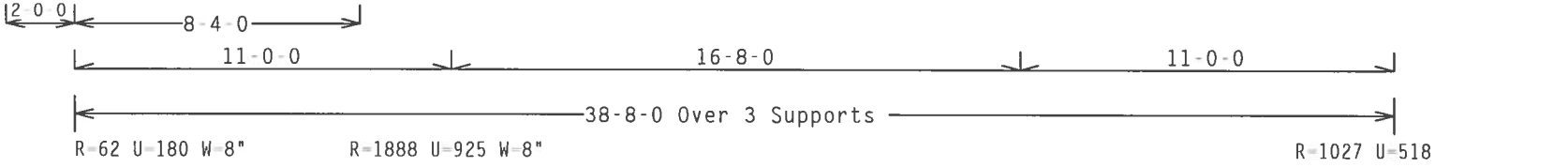
Components and cladding wind pressures considered for uplift callouts.

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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/240 live and L/180 total load.





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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TC LL	20.0 PSF	REF R2888- 96084
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347154
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108733 REV
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

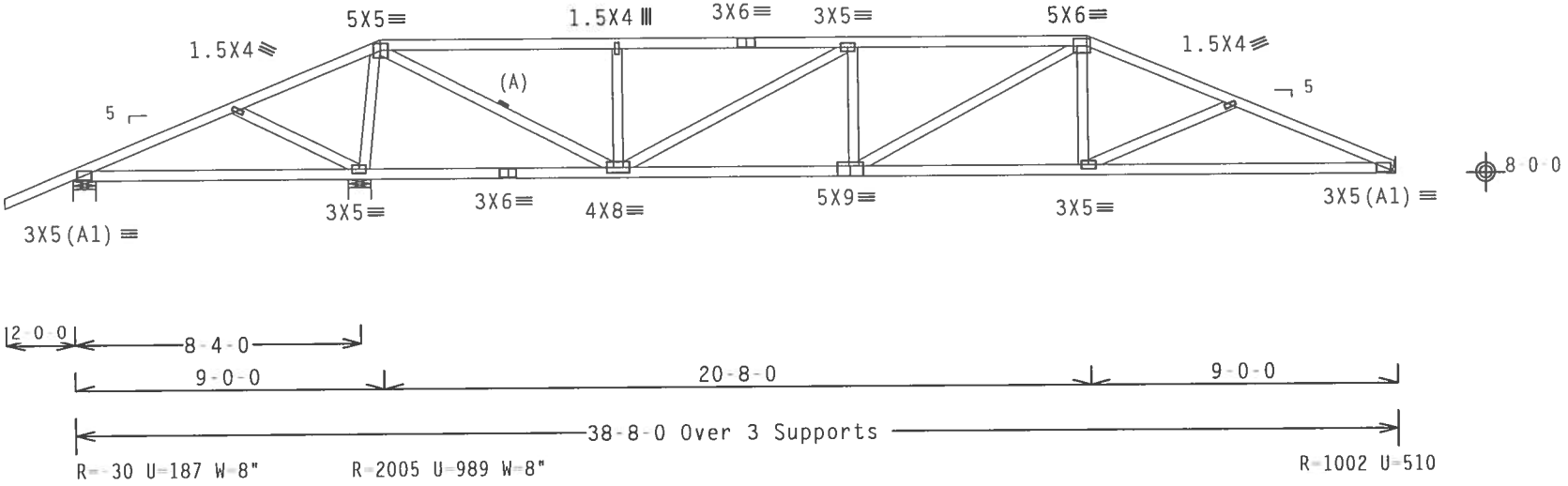
Components and cladding wind pressures considered for uplift callouts.

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 20 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888-96085
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347153
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108727
DUR.FAC.	1.25	

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - T-19)

Top chord 2x4 SP #1 :T2 2x4 SP SS:
Bot chord 2x6 SP #2 :B1 2x4 SP #1:
Webs 2x4 SP #2 N

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

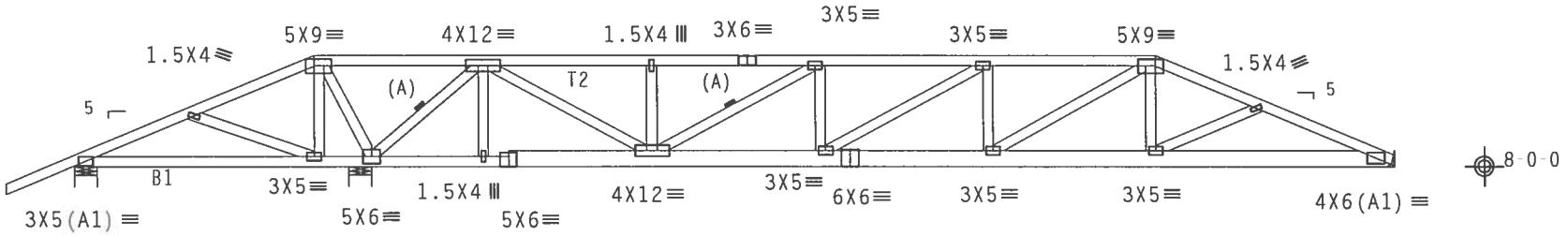
#1 hip supports 7-0-0 jacks with no webs.

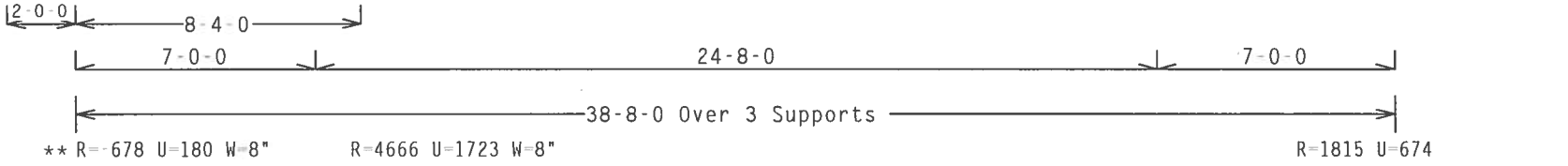
Deflection meets L/240 live and L/180 total load.

** Negative reaction(s) of -678# MAX. (See below) from a non-wind load case requires uplift connection.

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

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





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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JAMES F. COLLINS, JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0	PSF
TC DL	7.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	

REF	R2888- 96086
DATE	12/13/05
DRW	HCUSR2888 05347152
HC-ENG	EC/WHK
SEQN-	45560

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - T-20)

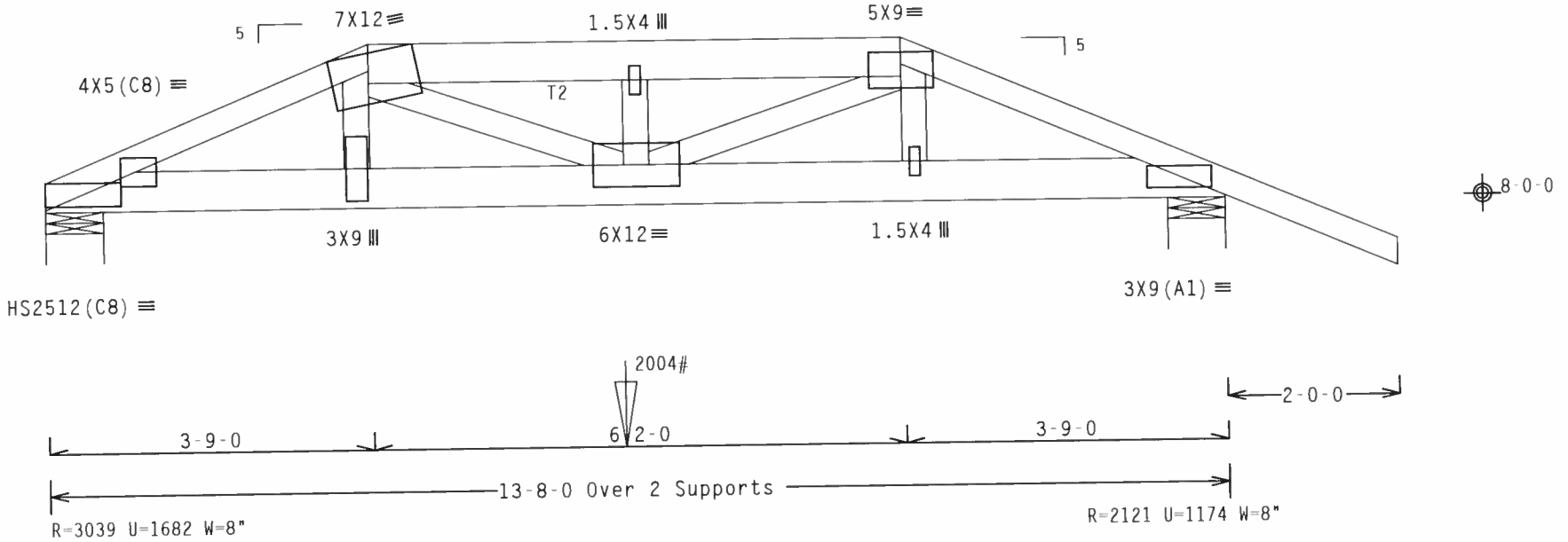
Top chord 2x4 SP #2 N :T2 2x6 SP #2:
Bot chord 2x6 SP SS
Webs 2x4 SP #2 N

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 54 PLF at 0.00 to 54 PLF at 15.67
BC - From 20 PLF at 0.00 to 20 PLF at 13.67
BC - From 4 PLF at 13.67 to 4 PLF at 15.67
BC - 1027 LB Conc. Load at 2.60
BC - 1002 LB Conc. Load at 4.60
BC - 2004 LB Conc. Load at 6.67

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

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. 20 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC 7.10.1222.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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JAMES F. COLLINS JR. LICENSE No. 52210 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96087
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347138
BC LL	0.0 PSF	HC-ENG SSB/WHK
TOT.LD.	37.0 PSF	SEQN- 108850
DUR.FAC.	1.25	

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. T 21)

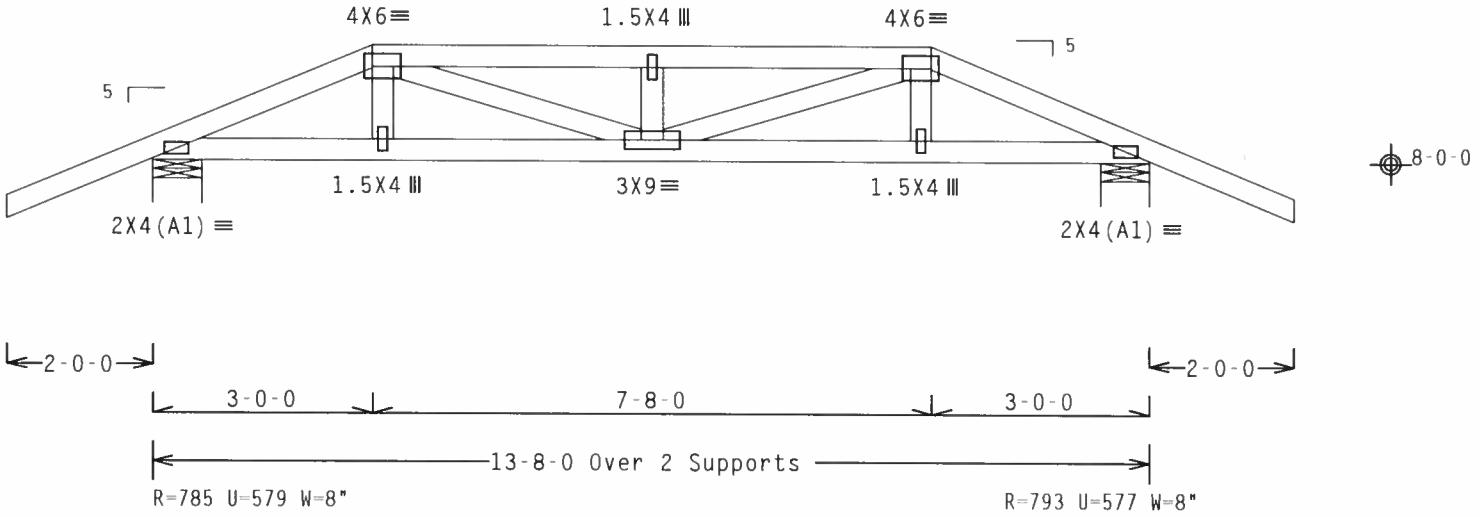
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 54 PLF at -2.00 to 54 PLF at 15.67
BC - From 20 PLF at 0.00 to 20 PLF at 13.67
BC - From 4 PLF at 13.67 to 4 PLF at 15.67
TC - 64 LB Conc. Load at 3.00, 10.67
TC - 12 LB Conc. Load at 3.06, 10.60
TC - 26 LB Conc. Load at 5.06, 6.60, 8.60
BC - 30 LB Conc. Load at 3.06, 10.60
BC - 18 LB Conc. Load at 5.06, 6.60, 8.60

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

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 7.22.1122 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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Alpine Engineered Products, Inc.
1950 Marley Drive

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R2888- 96088
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347157
BC LL	0.0 PSF	HC-ENG	SSB/WHK
TOT.LD.	37.0 PSF	SEQN-	49171 REV
DUR.FAC.	1.25		

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. T-22)

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

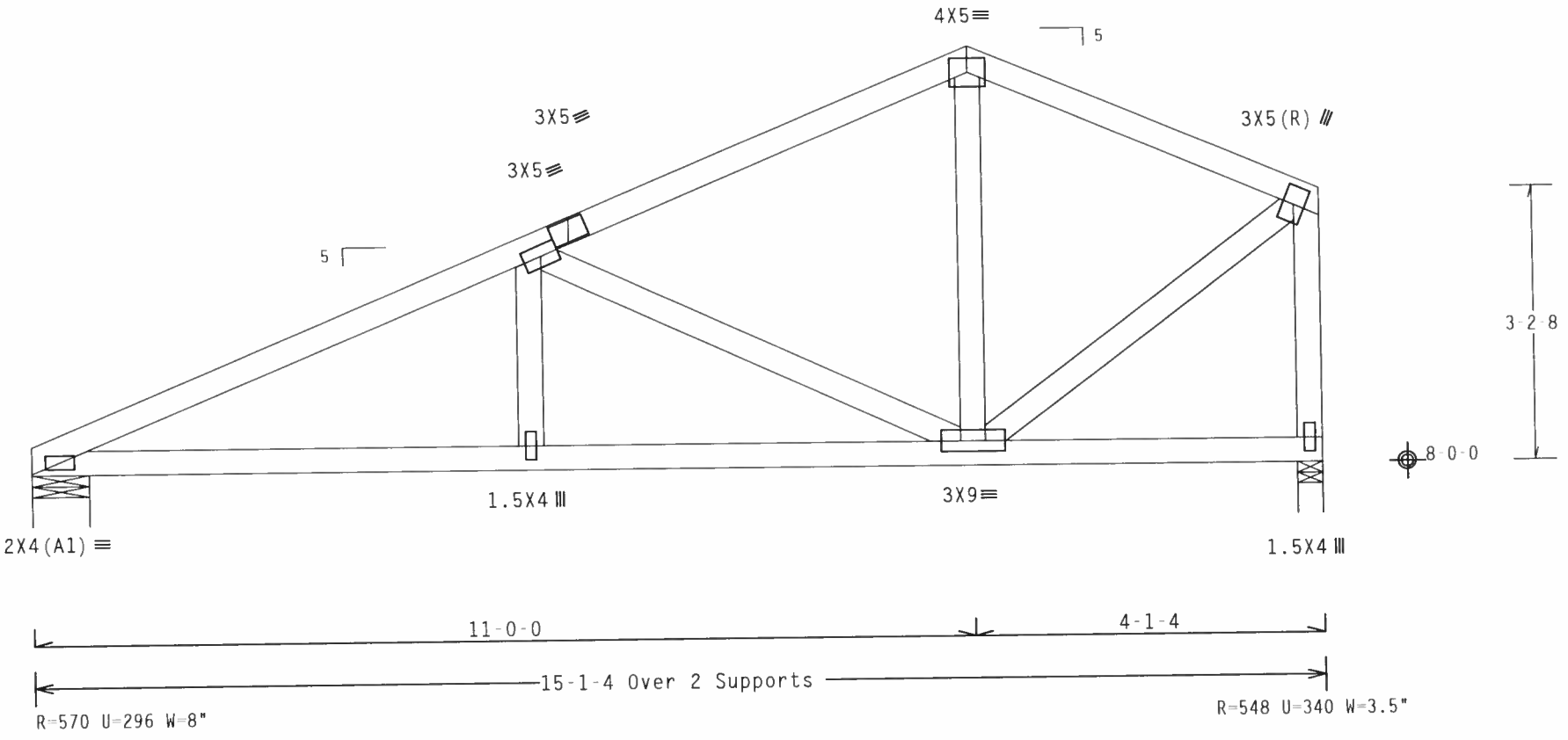
Components and cladding wind pressures considered for uplift callouts.

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

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.122[illegible]0 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R2888-96089
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347137
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN-	108858
DUR.FAC.	1.25		

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

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

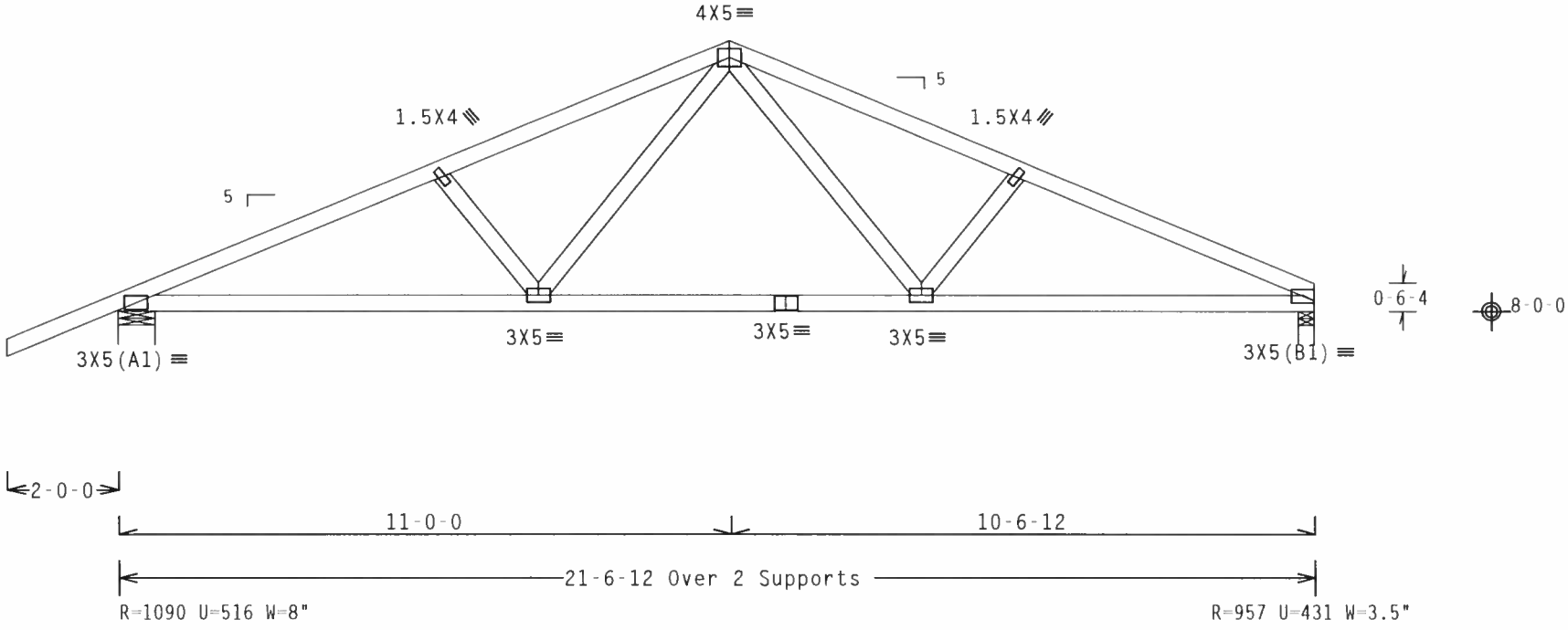
TC - From	54 PLF	at	-2.00	to	54 PLF	at 21.56
BC - From	4 PLF	at	-2.00	to	4 PLF	at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at 7.55
BC - From	70 PLF	at	7.55	to	70 PLF	at 14.26
BC - From	20 PLF	at	14.26	to	20 PLF	at 21.56

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:3 | FL/-/4/-/-/R/- | Scale =.3125"/Ft.

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R2888- 96090
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347131
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN-	108879
DUR.FAC.	1.25		

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

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

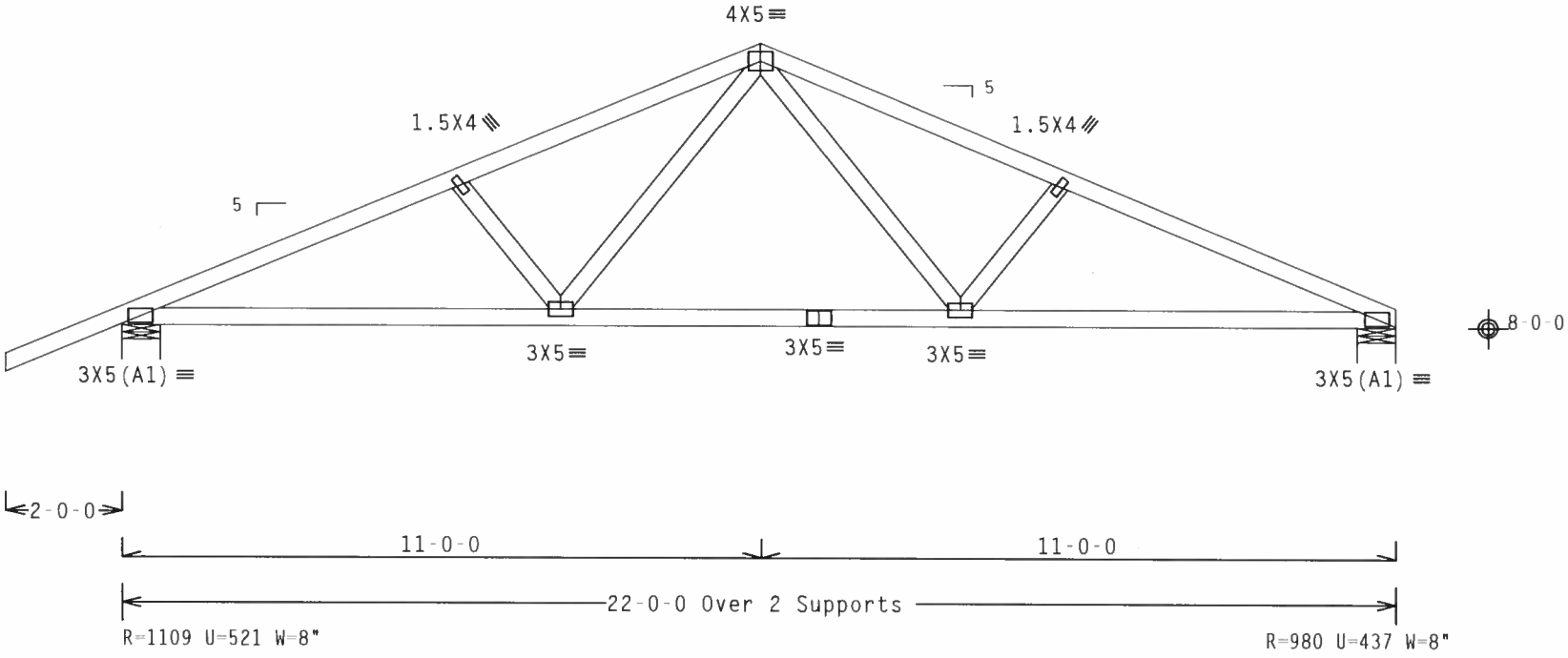
TC - From	54 PLF at	-2.00 to	54 PLF at	22.00
BC - From	4 PLF at	-2.00 to	4 PLF at	0.00
BC - From	20 PLF at	0.00 to	20 PLF at	7.55
BC - From	70 PLF at	7.55 to	70 PLF at	14.45
BC - From	20 PLF at	14.45 to	20 PLF at	22.00

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 20 | QTY:1 | FL/-/4/-/-/R/- | Scale =.3125"/Ft.

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TC LL	20.0	PSF
TC DL	7.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	37.0	PSF
DUR.FAC.	1.25	

REF	R2888- 96091
DATE	12/13/05
DRW	HCUSR2888 05347130
	HC-ENG EC/WHK
SEQN-	108882

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

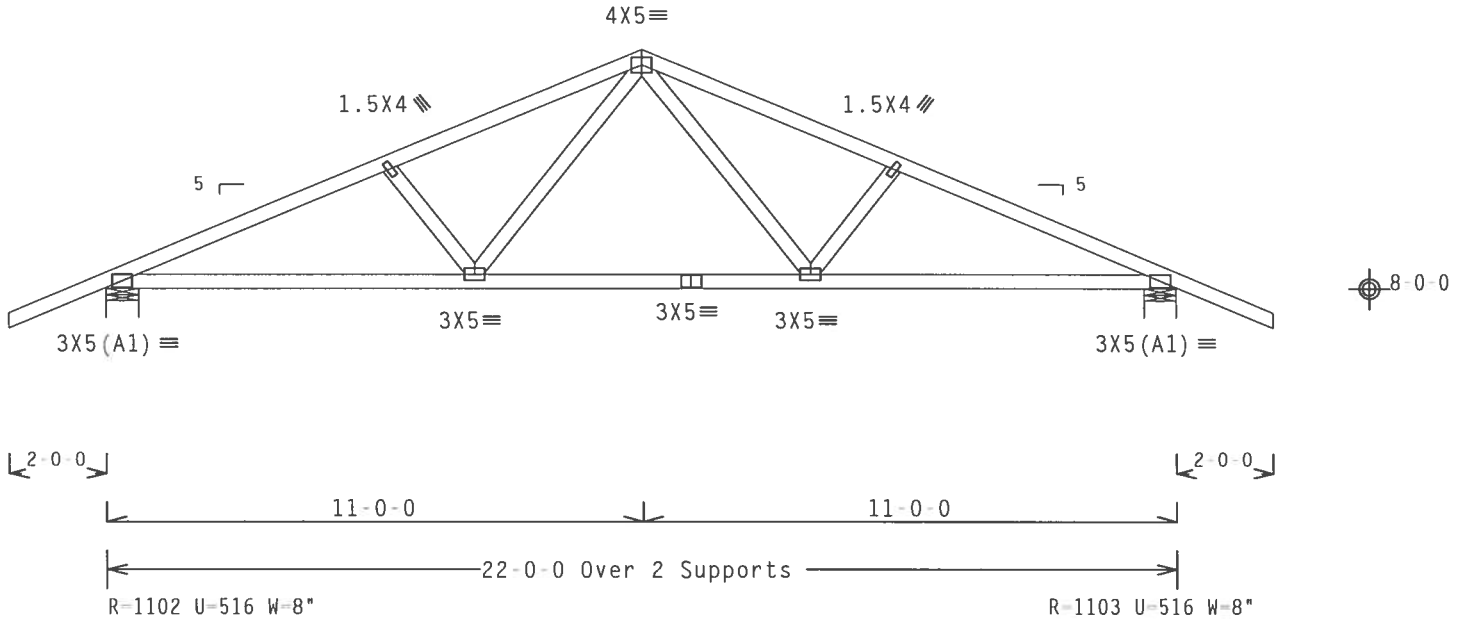
TC	From	54 PLF	at	2.00	to	54 PLF	at 24.00
BC	From	4 PLF	at	2.00	to	4 PLF	at 0.00
BC	From	20 PLF	at	0.00	to	20 PLF	at 7.55
BC	From	70 PLF	at	7.55	to	70 PLF	at 14.45
BC	From	20 PLF	at	14.45	to	20 PLF	at 22.00
BC	From	4 PLF	at	22.00	to	4 PLF	at 24.00

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Components and cladding wind pressures considered for uplift callouts.

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.30 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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TC LL	20.0	PSF	REF R2888-96092
TC DL	7.0	PSF	DATE 12/13/05
BC DL	10.0	PSF	DRW HCUSR2888 05347129
BC LL	0.0	PSF	HC-ENG EC/WHK
TOT.LD.	37.0	PSF	SEQN- 108884
DUR.FAC.	1.25		

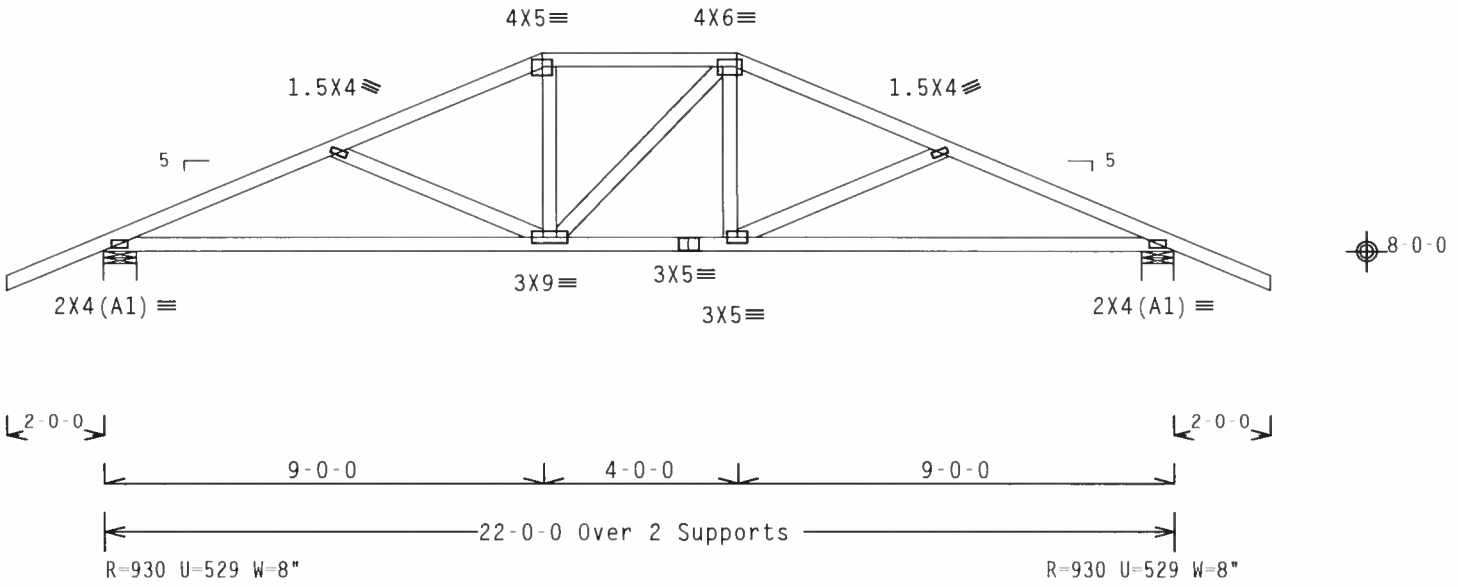
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE
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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96093
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 0534712B
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108981
DUR.FAC.	1.25	

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - T 27)

Top chord 2x4 SP #1
Bot chord 2x6 SP #2
Webs 2x4 SP #2 N

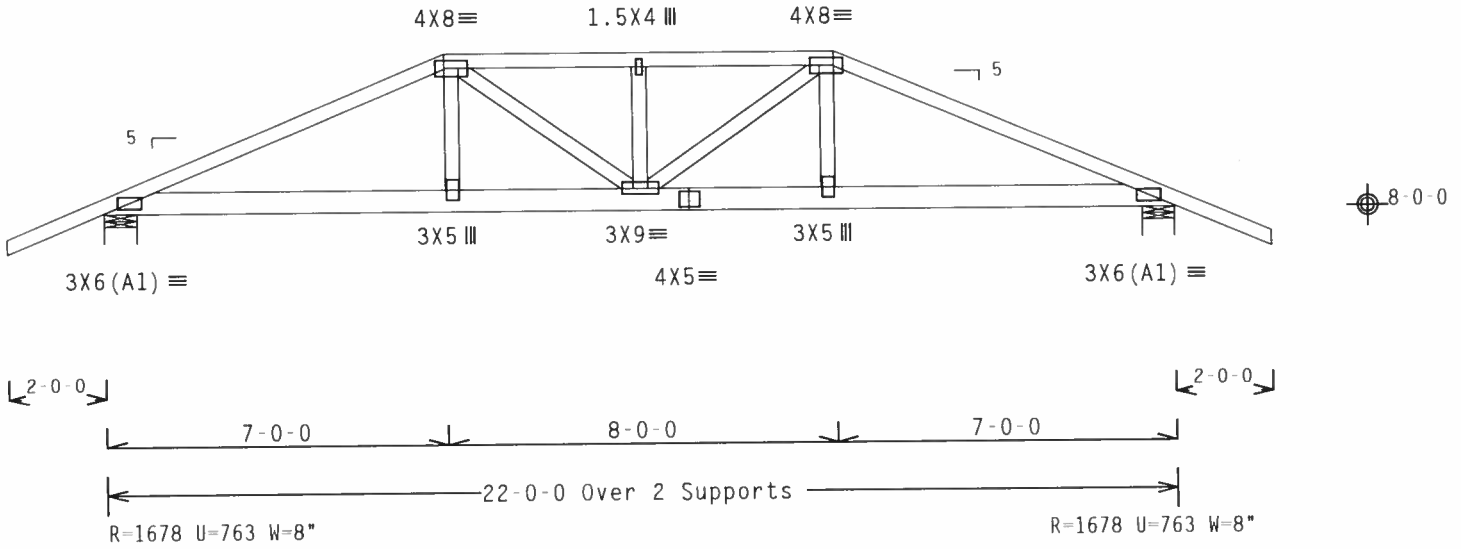
Roof overhang supports 2.00 psf soffit load.

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

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

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.23 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888- 96094
DATE	12/13/05
DRW	HCUSR2888 05347172
HC-ENG	SSB/WHK
SEQN-	23528

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. T 28)

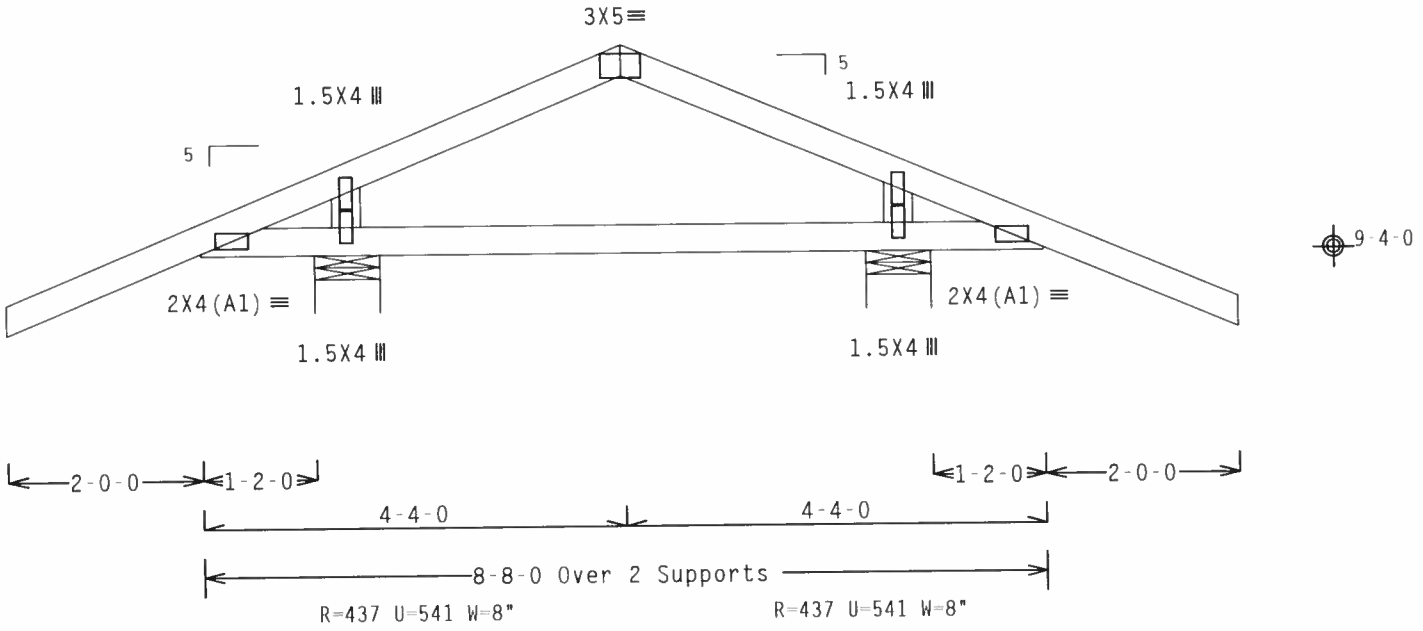
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1223 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888- 96095
DATE	12/13/05
DRW	HCUSR2888 05347151
	HC-ENG EC/WHK
SEQN-	108887

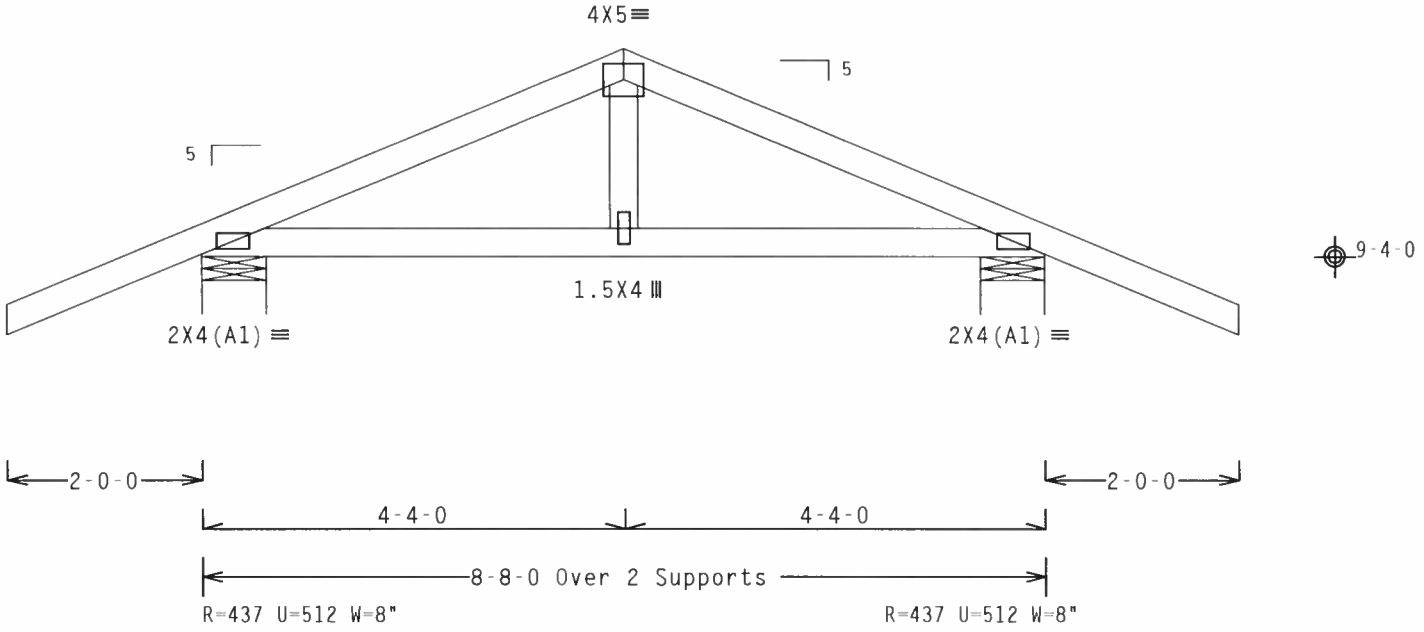
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.20 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96096
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347145
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108890
DUR.FAC.	1.25	

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

Components and cladding wind pressures considered for uplift callouts.

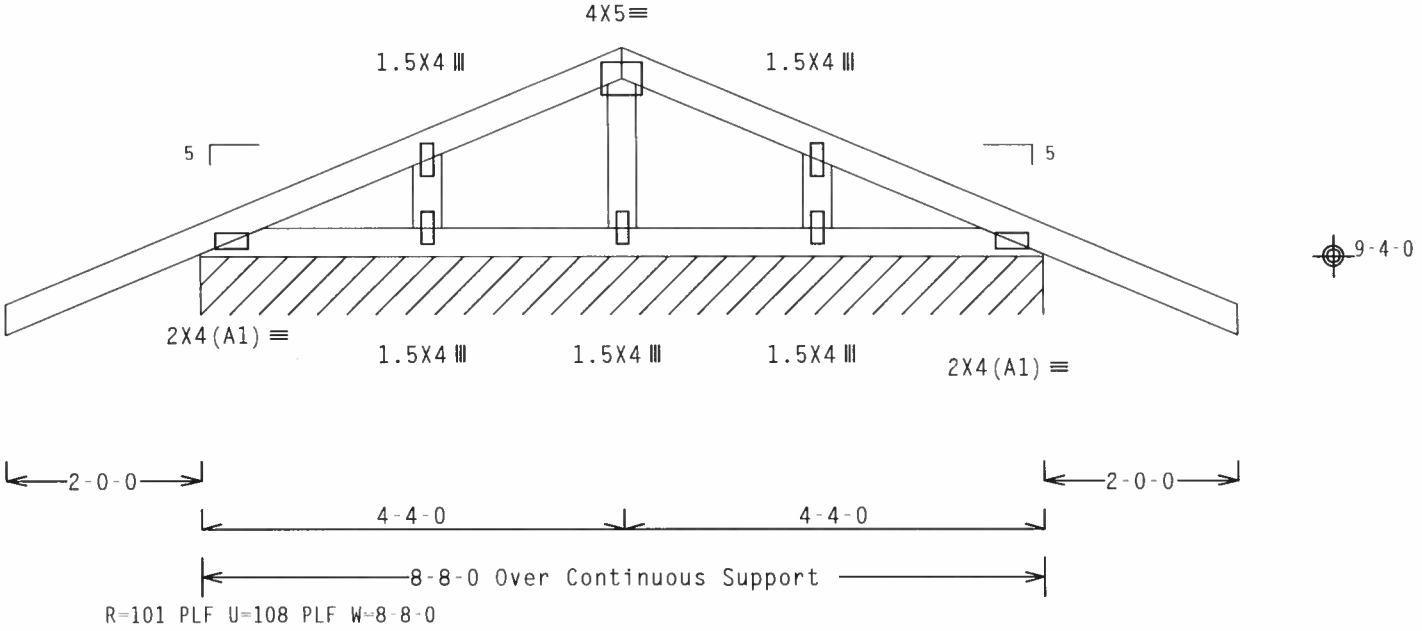
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

See DRW HCUSR001 02086015 for gable details.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

JAMES F. COLLINS LICENSE NO. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96097
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347162
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108893
DUR.FAC.	1.25	

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

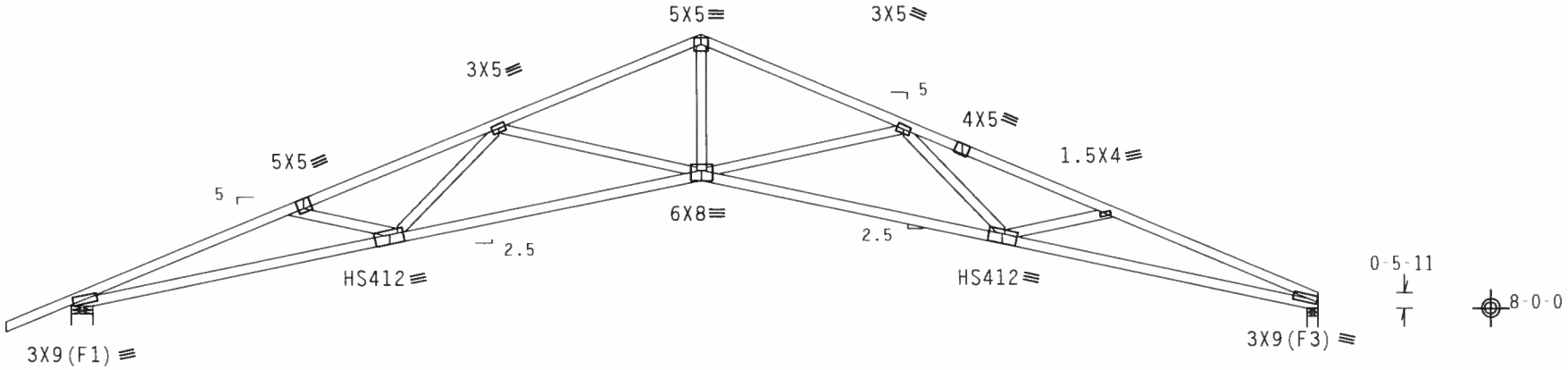
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

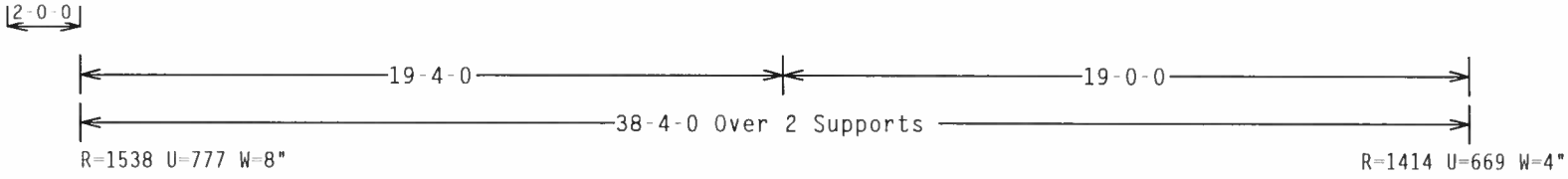
Calculated vertical deflection is 0.60" due to live load and 0.50" due to dead load at X = 19-4-0.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. 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.

Calculated horizontal deflection is 0.36" due to live load and 0.30" due to dead load.

Deflection meets L/240 live and L/180 total load.





PLT TYP. 20 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC 7.10.1222 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
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1950 Marley Drive

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IMPORTANTFURNISH 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 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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R2888- 96098
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347161
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	37.0 PSF	SEQN-	108969
DUR.FAC.	1.25		

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. J7)

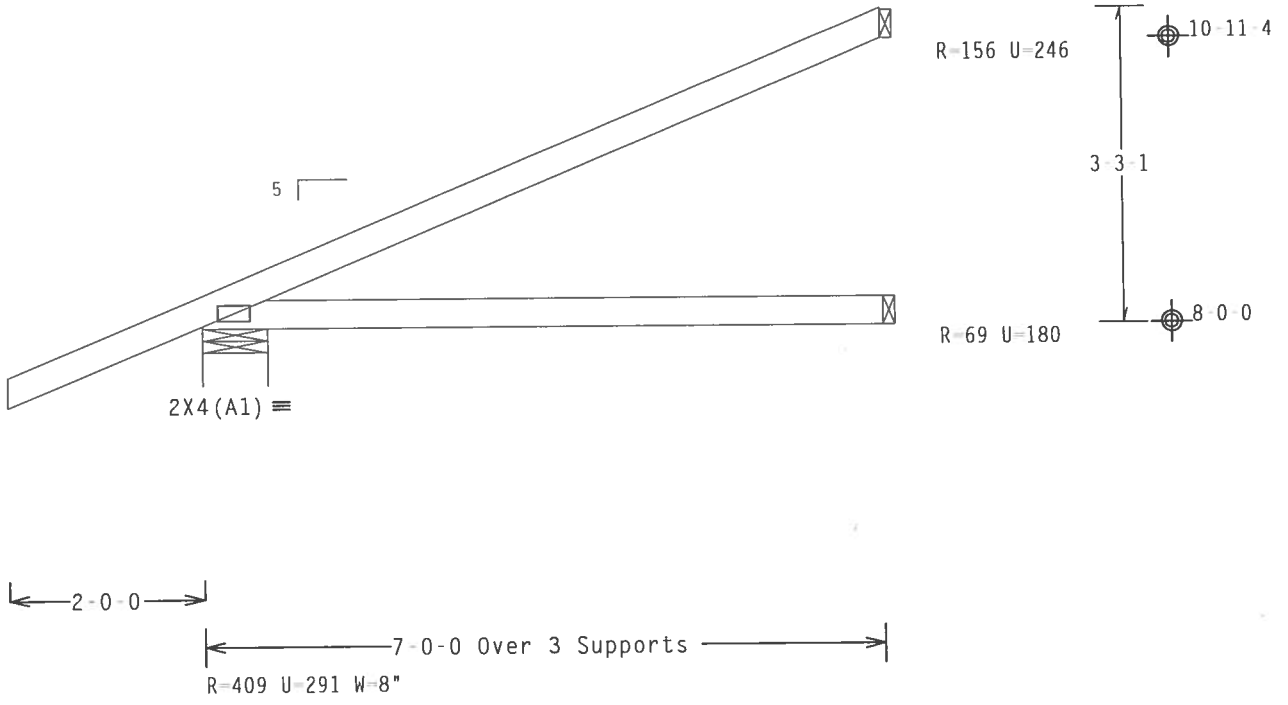
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.0 | QTY:19 FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED 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 (H,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 TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

JAMES F. COLLINS JR. LICENSE No. 52012 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888-96099
DATE	12/13/05
DRW	HCUSR2888 05347135
HC-ENG	EC/WHK
SEQN	23476

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - J7A)

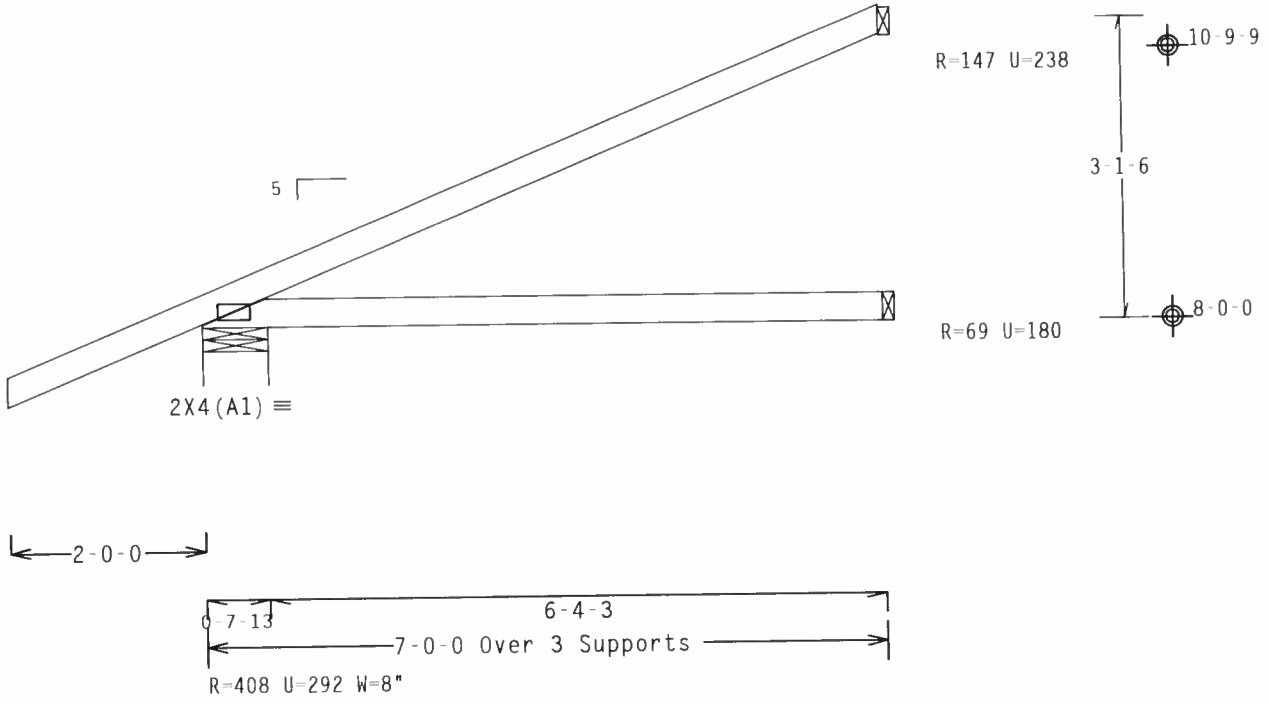
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:2 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND 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 16OA 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

JAMES T. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888- 96100
DATE	12/13/05
DRW	HCUSR2888 05347163
HC-ENG	EC/WHK
SEQN-	108897

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. J7B)

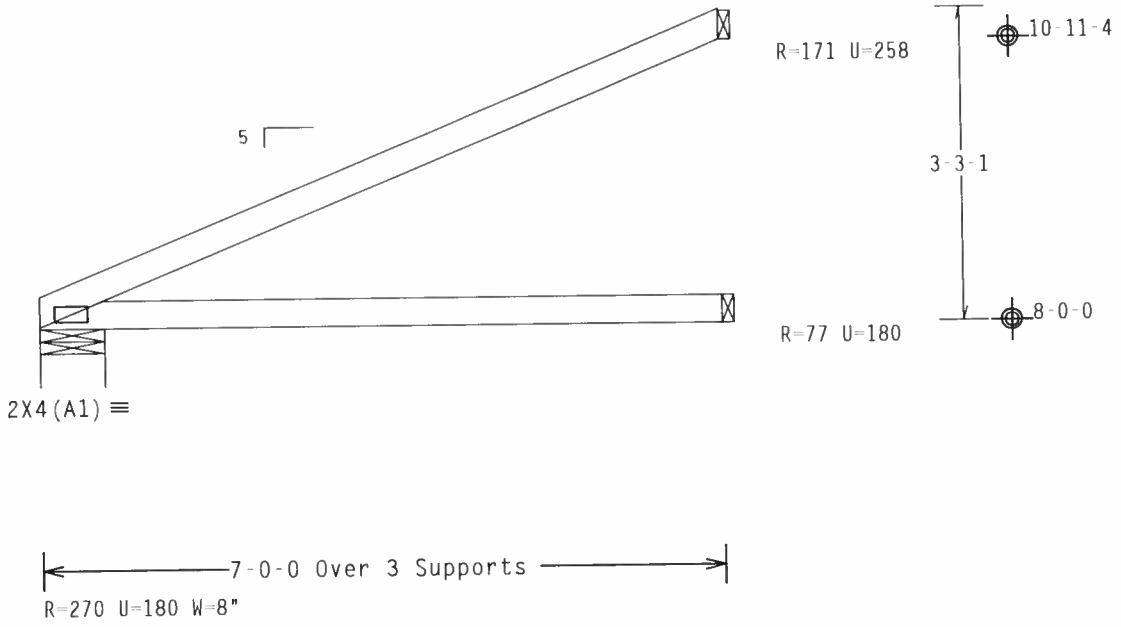
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:5 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888- 96101
DATE	12/13/05
DRW	HCUSR2888 05347169
HC-ENG	EC/WHK
SEQN-	108930

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - J6)

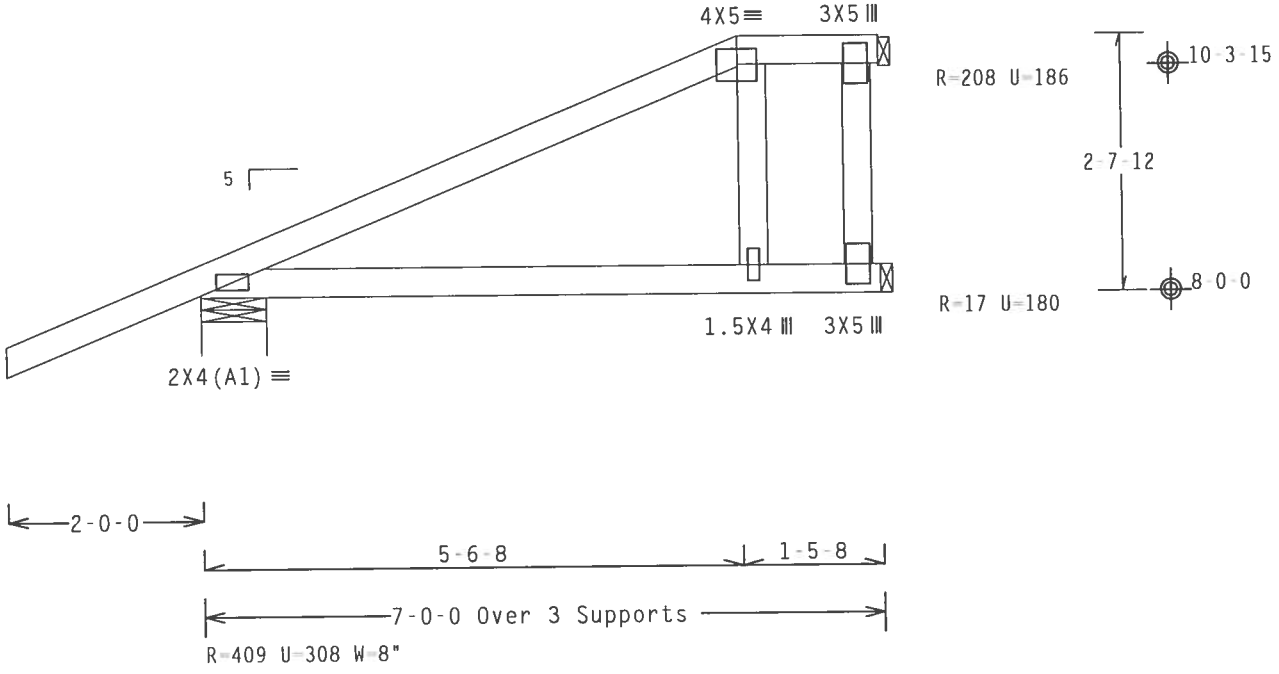
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF	R2888-96102
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347164
BC LL	0.0 PSF		HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN-	108712
DUR.FAC.	1.25		

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - J3)

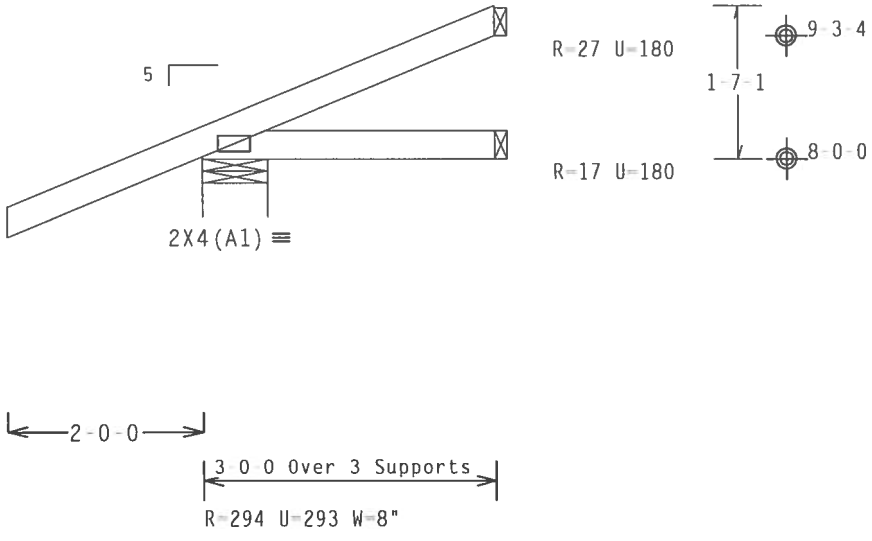
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:9 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888-96103
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347168
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108910
DUR.FAC.	1.25	

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. J3A)

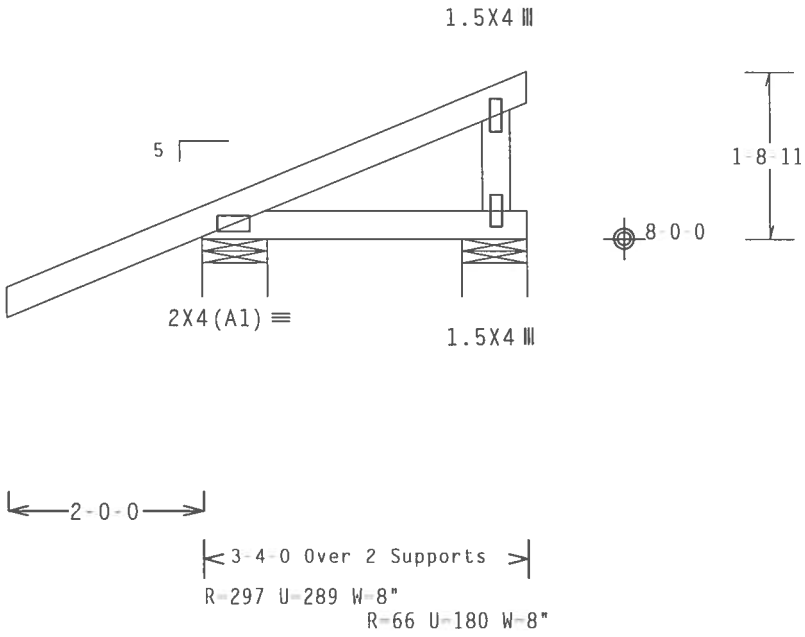
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:4 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marlev Drive

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

JAMES F. COLLINS JR. LICENSED No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888-96104
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347165
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 24042
DUR.FAC.	1.25	

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. CJ5)

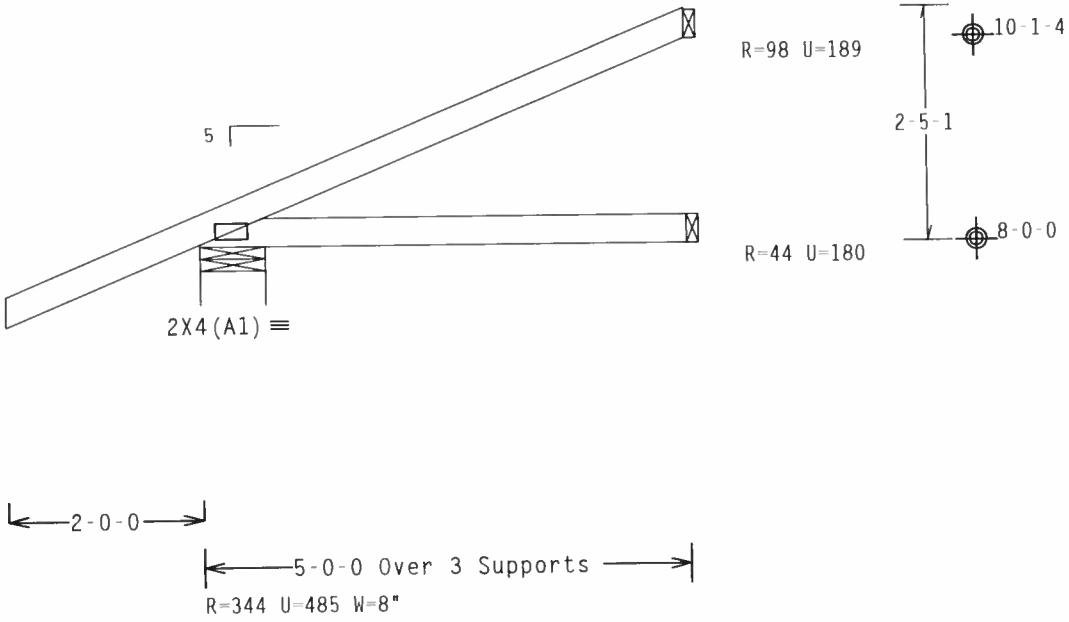
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.20 | QTY:7 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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JAMES F. COLLINS LICENSE No. 52912 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888- 96105
DATE	12/13/05
DRW	HCUSR2888 05347133
	HC-ENG EC/WHK
SEQN-	108907

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. CJ3)

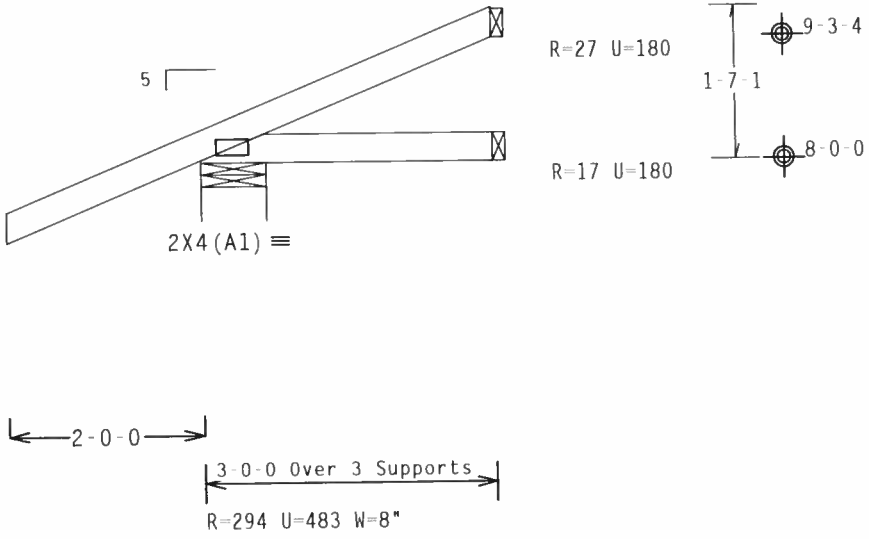
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:6 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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JAMES F. COLLINS JR. LICENSED No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25

REF	R2888- 96106
DATE	12/13/05
DRW	HCUSR2888 05347134
	HC-ENG EC/WHK
SEQN-	108913

(19311-HOMES BY WHITTAKER / #2021 ACUNA RES. - CJ1)

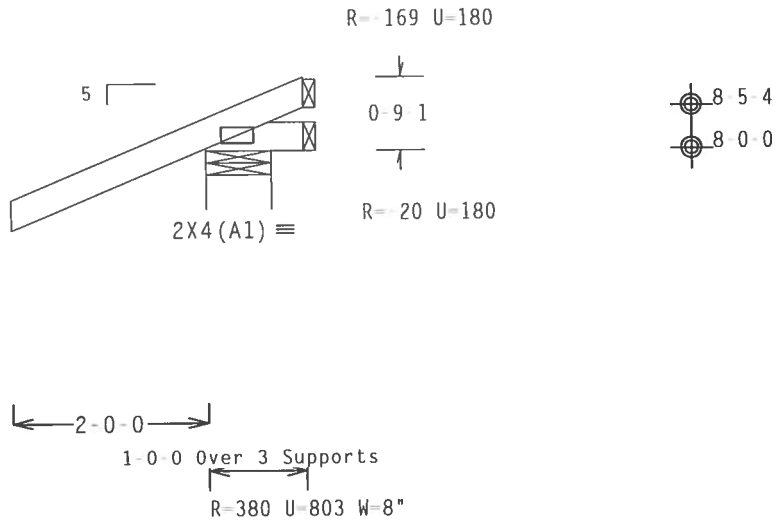
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.20 | QTY:14 FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.

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JAMES F. COLLINS JR. LICENSE No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888-96107
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347159
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108916
DUR.FAC.	1.25	

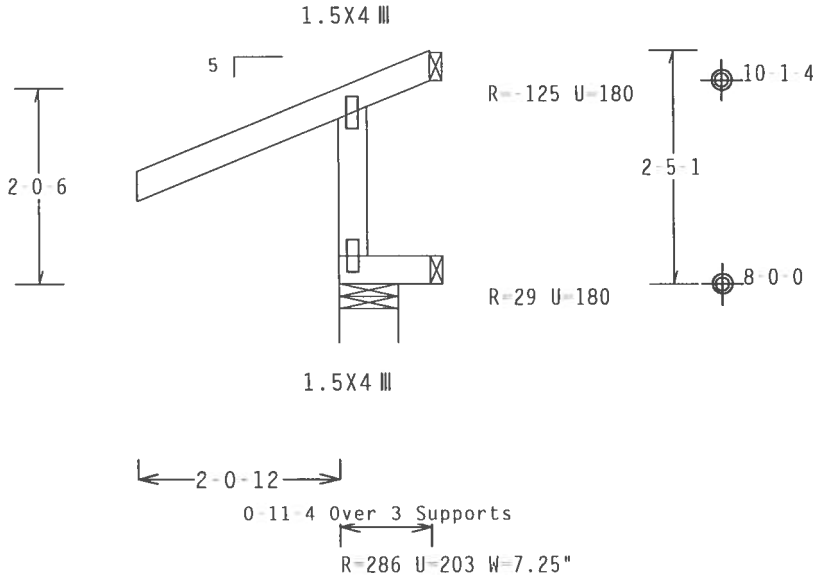
Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.20 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS JR. LICENSE No. 52218 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96108
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347160
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 45535
DUR.FAC.	1.25	

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - HJ10)

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

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

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

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

Deflection meets L/240 live and L/180 total load.

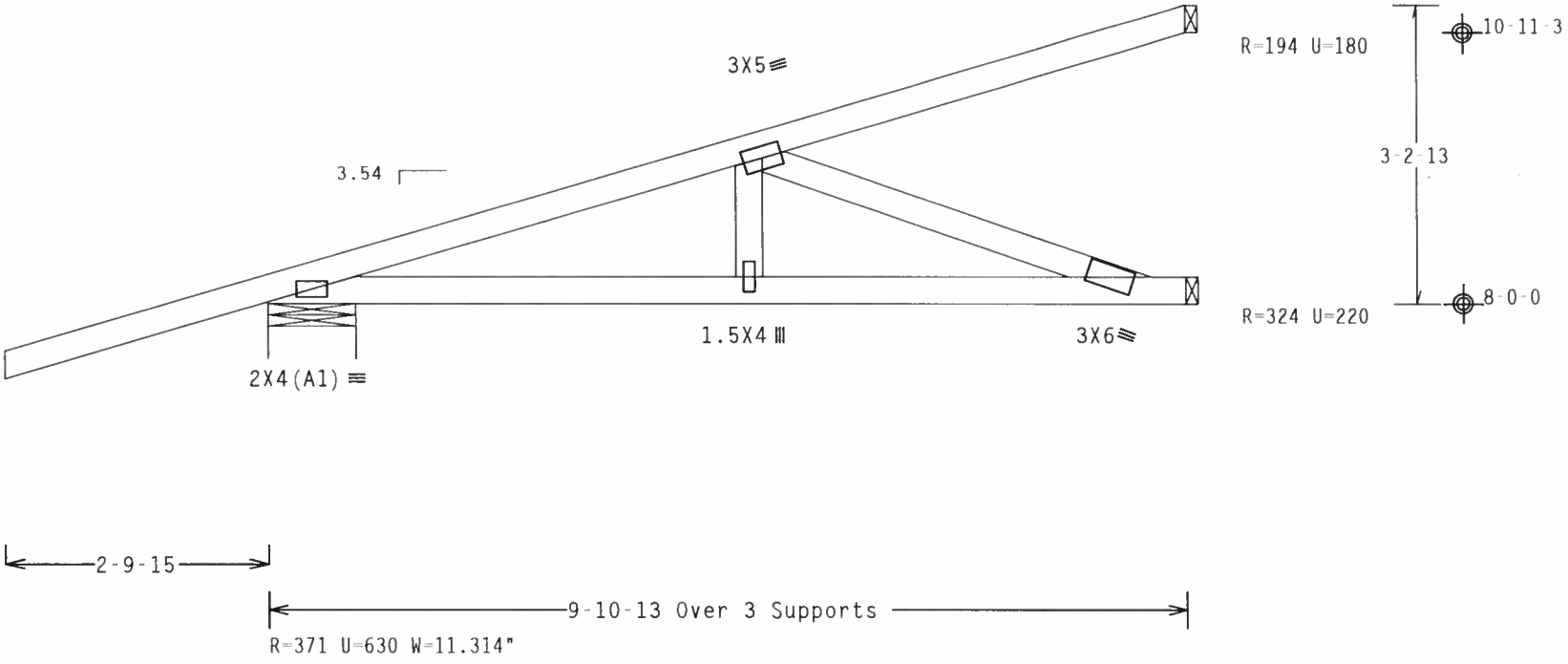
Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC	From	54 PLF	at	-2.83	to	54 PLF	at 9.90
BC	From	4 PLF	at	-2.83	to	4 PLF	at 0.00
BC	From	20 PLF	at	0.00	to	20 PLF	at 9.90

PLT- 346 LB Conc. Load at (1.54,8.73)
PLT- 51 LB Conc. Load at (4.37,9.56)
PLT- 196 LB Conc. Load at (7.20,10.40)
PLB- 33 LB Conc. Load at (1.54,8.04)
PLB- 36 LB Conc. Load at (4.37,8.04)
PLB- 88 LB Conc. Load at (7.20,8.04)



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1223 | QTY:3 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96109
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347132
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 108922
DUR.FAC.	1.25	

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - HJ5)

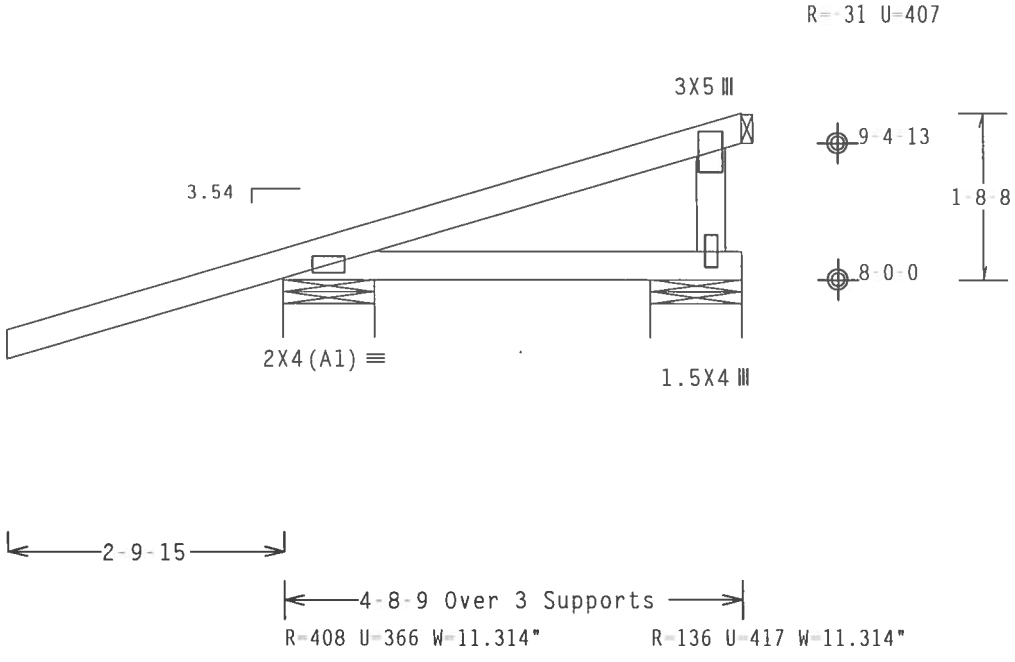
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.21 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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JAMES F. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96110
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347167
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 24056
DUR.FAC.	1.25	

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - HJ4)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

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

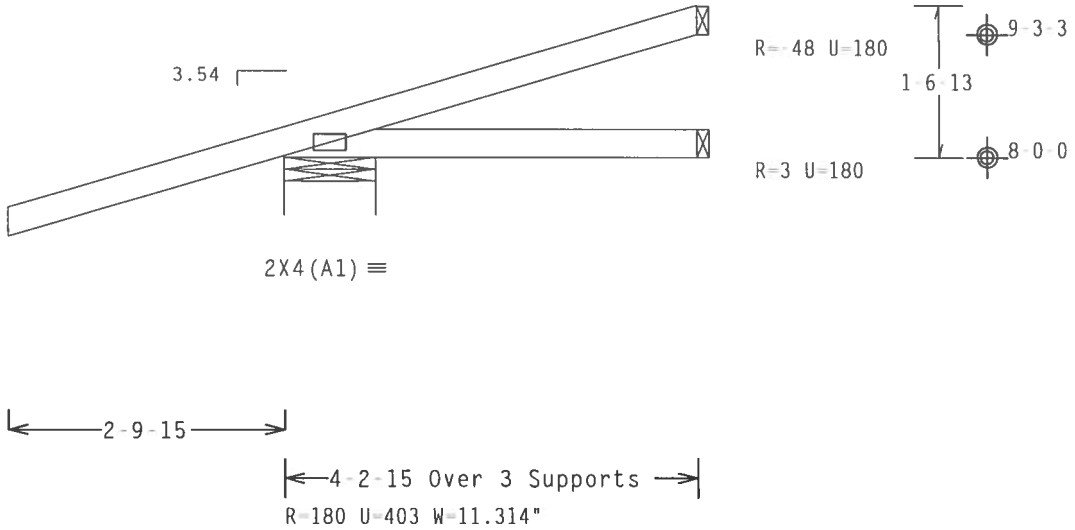
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC	From	54 PLF	at	2.83	to	54 PLF	at 4.24
BC	From	4 PLF	at	2.83	to	4 PLF	at 0.00
BC	From	20 PLF	at	0.00	to	20 PLF	at 4.24
TC		30 LB Conc. Load	at	1.54			
BC		15 LB Conc. Load	at	1.54			

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222.20 | QTY:2 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE
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1950 Marley Drive

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TC LL	20.0 PSF	REF	R2888-96111
TC DL	7.0 PSF	DATE	12/13/05
BC DL	10.0 PSF	DRW	HCUSR2888 05347149
BC LL	0.0 PSF	HC-ENG	SSB/WHK
TOT.LD.	37.0 PSF	SEQN-	108705
DUR.FAC.	1.25		

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. HJ4A)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #2 N

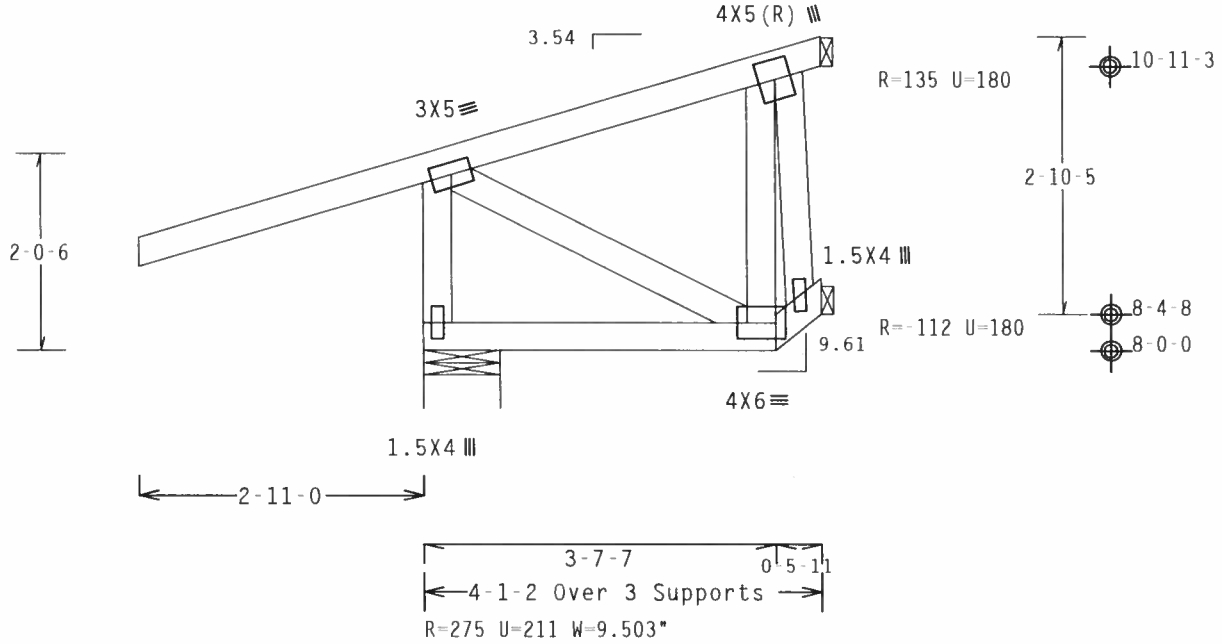
Hipjack supports 2-10-12 setback jacks with no webs.

Shim all supports to solid bearing.

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

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

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 7.10.1222.0 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive

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

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JAMES F. COLLINS JR. LICENSE No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R2888- 96112
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347148
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 45541
DUR.FAC.	1.25	

(19311 HOMES BY WHITTAKER / #2021 ACUNA RES. - HJ4B)

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

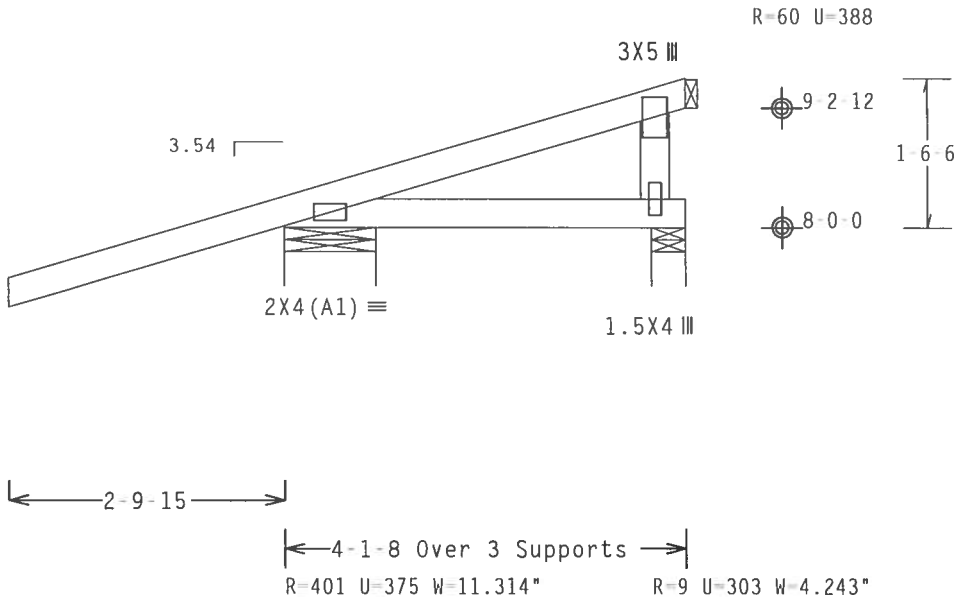
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 30.00 ft mean hgt, ASCE 7-98, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.10.1222 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

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TC LL	20.0 PSF	REF R2888- 96113
TC DL	7.0 PSF	DATE 12/13/05
BC DL	10.0 PSF	DRW HCUSR2888 05347147
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	37.0 PSF	SEQN- 24052
DUR.FAC.	1.25	

CONVENTIONALLY FRAMED VALLEY DETAIL

(A) 2X6 OR LARGER SP #2 OR SPF #1/#2 VALLEY RAFTER
(B) 2X4 SP OR SPF #3 CRIPPLE (MAX HEIGHT 6'-3")
(C) 2X4 SP OR SPF #3 CRIPPLE (MAX HEIGHT 6'-3")
(D) 2X6 OR LARGER SP #2 OR SPF #1/#2 RIDGE BOARD

NOTE: RIDGE BOARD (D) MUST NOT BE OF LESS SIZE THAN THAT OF VALLEY RAFTER (A).

NOTE: REFER TO VALLEY DETAIL VALTRUSS1001 FOR SUPPORTING TRUSS BRACING DETAILS.

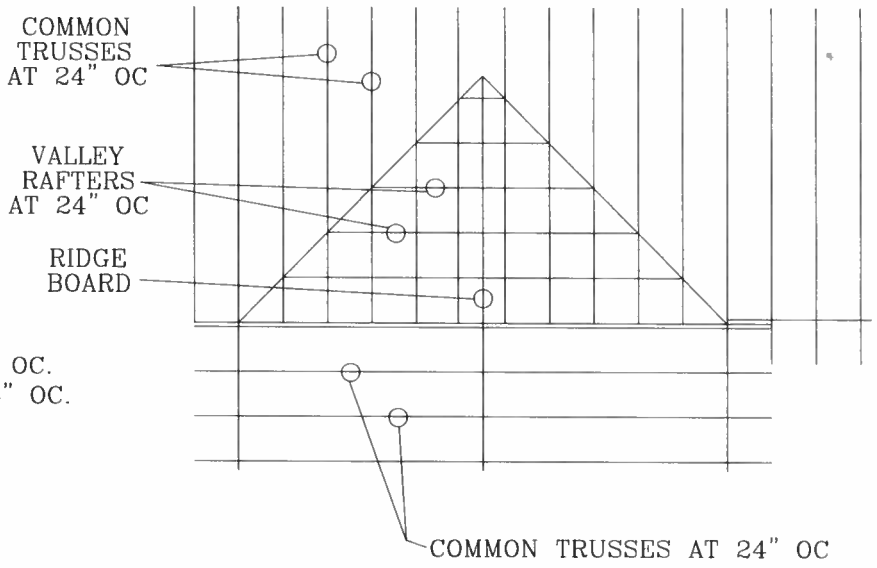
(B), (C) MAX HEIGHT WITH 1X4 "T" BRACE IS 9'-10".

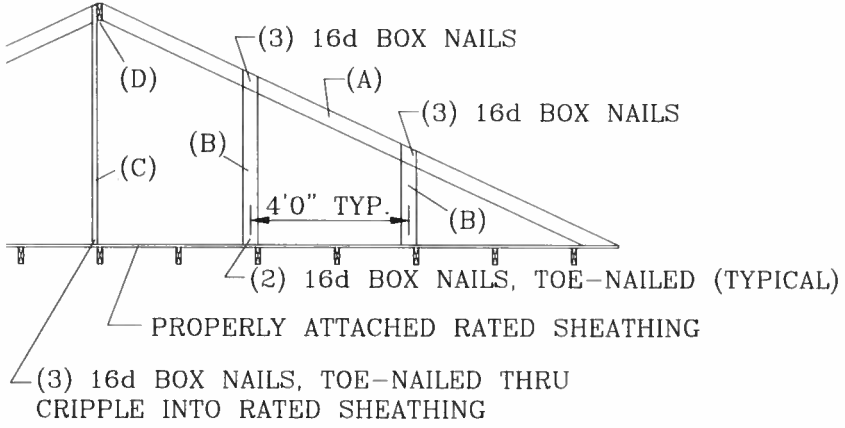
(B), (C) MAX HEIGHT WITH 2X4 "T" BRACE IS 11'-2".

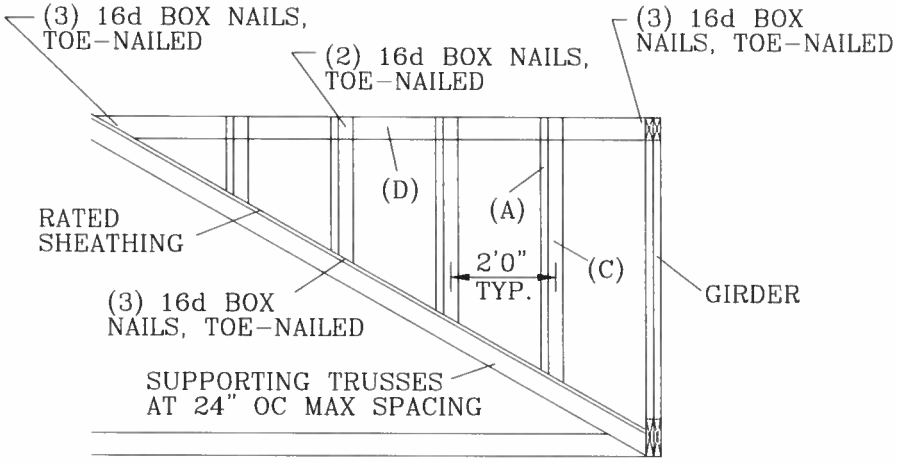
FOR 1X4 AND 2X4 "T" BRACING, BRACE TO BE SAME GRADE AS CRIPPLE.
FASTEN 1X4 "T" BRACE TO CRIPPLE WITH 8d BOX (0.113" x 2.5") NAILS AT 4" OC.
FASTEN 2X4 "T" BRACE TO CRIPPLE WITH 16d BOX (0.135" x 3.5") NAILS AT 4" OC.

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH PROPERLY ATTACHED RATED SHEATHING OR PURLINS AT 24" O.C.

PARTIAL FRAMING PLAN







THIS DRAWING REPLACES DRAWING V105-CONV

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 1,05

TC LL	30	30	40 PSF	REF CONV. VALLEY
TC DL	20	15	7 PSF	DATE 11/26/03
BC DL	10	10	10 PSF	DRWG VALCONVF1103
BC LL	0	0	0 PSF	-ENG MLH/KAR
TOT. LD.	60	55	57 PSF	
DUR.FAC.	1.25/1.33	1.15	1.15	