

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
 Florida Engineering Certificate of Authorization Number: 567
 Florida Certificate of Product Approval # FL1999
 Page 1 of 1 Document ID: IT3X487-Z0311135144

Truss Fabricator: Anderson Truss Company
 Job Identification: 6-434--Frederick Perry Construct Lender -- , **
 Truss Count: 32
 Model Code: Florida Building Code 2004 and 2006 Supplement
 Truss Criteria: ANSI/TPI-2002(STD)/FBC
 Engineering Software: Alpine Software, Versions 7.26, 7.24, 7.25.
 Structural Engineer of Record: The identity of the structural EOR did not exist as of
 Address: the seal date per section 61G15-31.003(5a) of the FAC
 Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
 Floor - N/A
 Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 01/11/2007

-Truss Design Engineer-
 Arthur R. Fisher
 Florida License Number: 59687
 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: HCUSR487

Details: BRCLBSUB-

25491

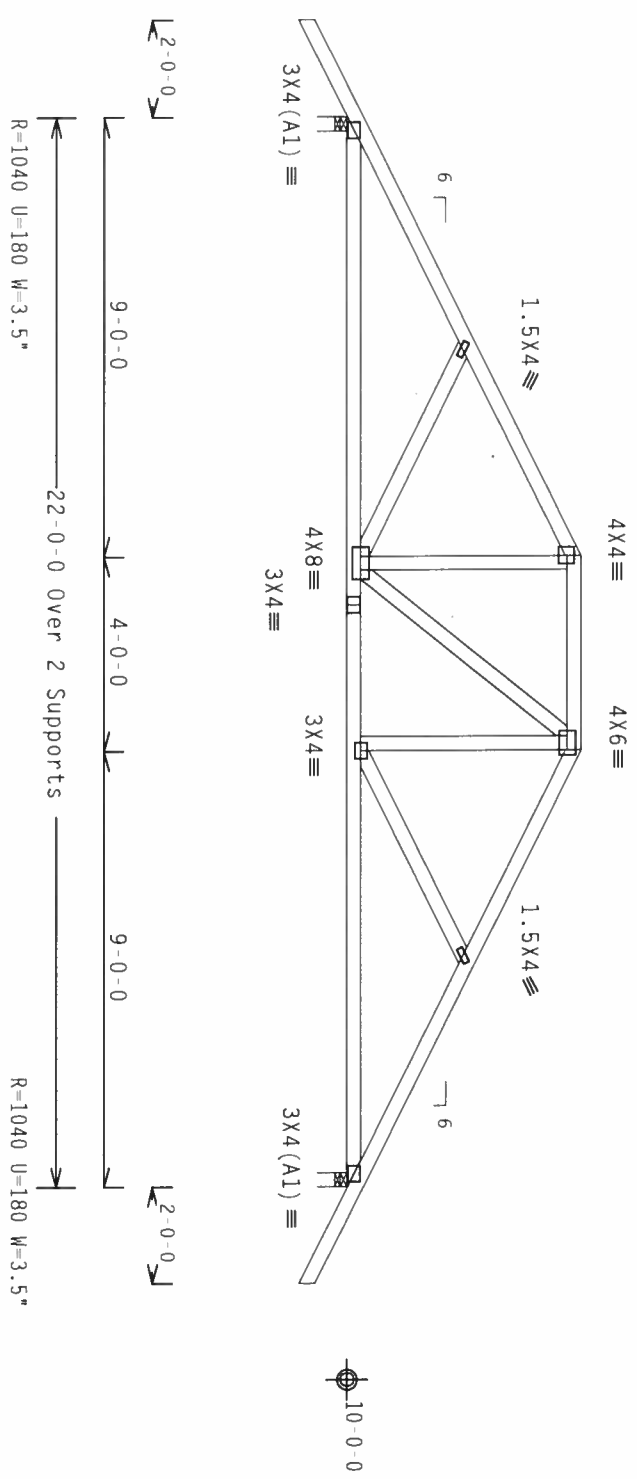
#	Ref	Description	Drawing#	Date
1	64288-H9C	22' Stepdown	07011040	01/11/07
2	64289-A12	40' Stepdown	07011041	01/11/07
3	64290-A11	40' Stepdown	07011038	01/11/07
4	64291-A9	40' Stepdown	07011054	01/11/07
5	64292-A5	40' Stepdown	07011047	01/11/07
6	64293-A6	40' Stepdown	07011048	01/11/07
7	64294-A7	40' Stepdown	07011052	01/11/07
8	64295--A8	40' Common	07011031	01/11/07
9	64296--A2	40' Special	07011044	01/11/07
10	64297--A3	40' Special	07011045	01/11/07
11	64298--A4	40' Special	07011046	01/11/07
12	64299-A10	40' Stepdown	07011042	01/11/07
13	64300-A1	40' Special G	07011043	01/11/07
14	64301-B1	30' Special G	07011056	01/11/07
15	64302-B3	30' Stepdown	07011037	01/11/07
16	64303-H7C	22' Stepdown	07011035	01/11/07
17	64304--C1	22' Common	07011049	01/11/07
18	64305--CJ1	1' Jack	07011064	01/11/07
19	64306-HJ7	9'10"13 Hip	07011058	01/11/07
20	64307--CJ3	3' Jack	07011063	01/11/07
21	64308--CJ5	5' Jack	07011062	01/11/07
22	64309--EJ7	7' End Jack	07011065	01/11/07
23	64310-EJ7A	7' End Jack	07011039	01/11/07
24	64311-EJ7B	7' End Jack	07011050	01/11/07
25	64312--CJ3A	3' Jack	07011055	01/11/07
26	64313-HJ7A	9'10"13 Hip	07011051	01/11/07
27	64314--CJ5A	5' Jack	07011053	01/11/07
28	64315--CJ5B	5' Jack	07011061	01/11/07
29	64316--HJ7Z		07011057	01/11/07
30	64317--CJ1Z	1' Jack	07011060	01/11/07
31	64318--CJ3Z	3' Jack	07011059	01/11/07
32	64319--B2	30' Special	07011036	01/11/07



(6 434 Frederick Perry Construct Lender , ** H9C 22' Steardown Hip)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

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

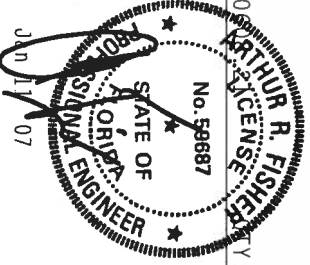
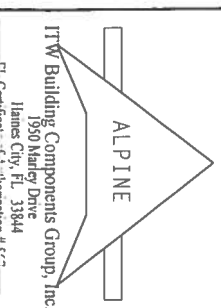
7.26.07

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

Scale = .25" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (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. THE BUILDING COMPONENTS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ALPINE DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF WCA (WOOD TRUSS COUNCIL OF AMERICA) AND TPI. ALPINE CONNECTIONS ARE MADE OF 20/10/1000 (W/1/55X) ASTM A572 GRADE 50/60 (W, R/W/55) GALV. STEEL. APPLY TO THE TRUSS DESIGNER FOR THE TRUSS DESIGNER'S SIGNATURE AND SEAL. ANY INSPECTION OF PLATES SHOULD BE CONDUCTED BY A PROFESSIONAL ENGINEER. UNLESS OTHERWISE INDICATED, 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--	64288
TC DL	10.0 PSF	DATE	01/11/07	
BC DL	10.0 PSF	DRW	HCUSR487	07011040
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	15753	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1T3X487_203	

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

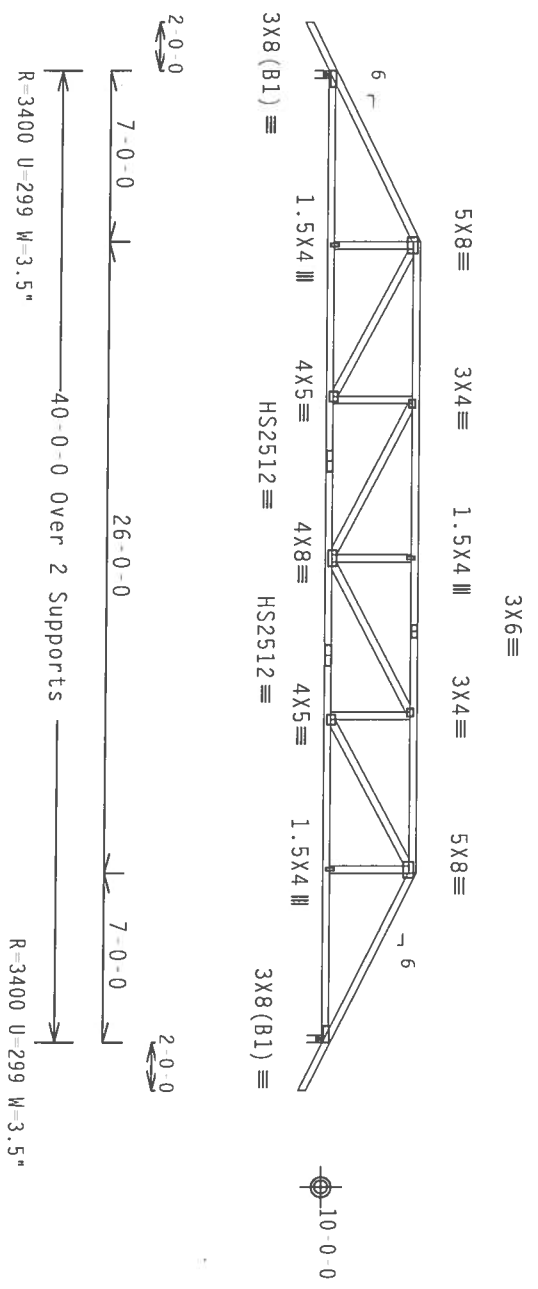
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.
 Deflection meets L/240 live and L/180 total load.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3" min.) nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @12.00" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.

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



PLT TYP. 20 Gauge HS, Wave

Design Crit: TP1-2002 (STD) /FBC
 Cq/RT=1.00(1.25)/10(0)

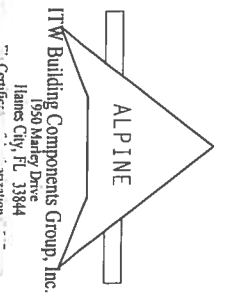
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FL / 4 / - / R / -

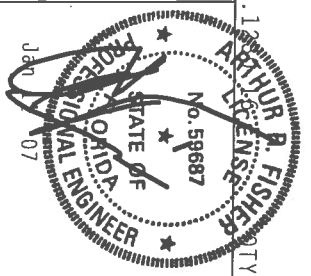
Scale = .125" / ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (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**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP SHALL HOLD THE RESPONSIBILITY FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE BUILDING COMPONENTS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE INTERNATIONAL BUILDING CODES, DESIGN SPEC. BY ALPINE AND TP1. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITIVE END MOMENTS FROM ZONING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



ITW Building Components Group, Inc.
 1950 Meyer Drive
 James City, FL 33844
 "Center" 813-233-2333



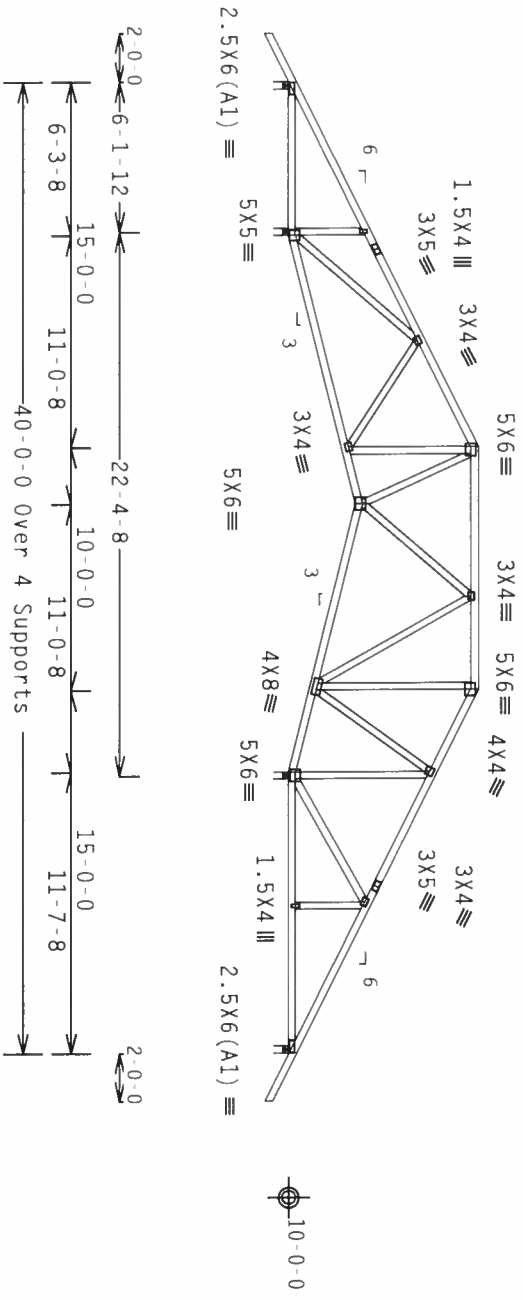
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TC DL	10.0 PSF	DATE 01/11/07
BC DL	10.0 PSF	DRW HCUSR487 07011041
BC LL	0.0 PSF	HC-ENG JB/AF
TOT. LD.	40.0 PSF	SEQN- 143513
DUR. FAC.	1.25	
SPACING	24.0"	JREF- 1T3X487_203

(6 434 Frederick Perry Construct Lender ** A5 40' Stepdwn Hip)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

Wind reactions based on MFRS pressures.

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

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



R=287 U=180 W=3.5"
 R=1206 U=180 W=3.5"
 R=1670 U=180 W=3.5"
 R=413 U=180 W=3.5"

PLT TYP. Wave

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



Scale = .125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETURN TO BEST BUILDING COMPONENTS GROUP, INC. FOR MORE INFORMATION. 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WCA GROUP, INC., 6300 ENTERPRISE LANE, MADISON, WI, 53719 FOR SAFETY PRACTICES STRUCTURE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RETIC CELLING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, 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 AWPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (4/4/5/5/4) ASTM A653 GRADE 40/60 (N, K/1/55) 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 HERE AFTER AS OF TPI 2002 SEC 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN. SHOW THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/1911 SEC. 2.

ALPINE

ITW Building Components Group, Inc.
 1950 Marley Drive
 James City, FL 33844

Circle 1
 Division

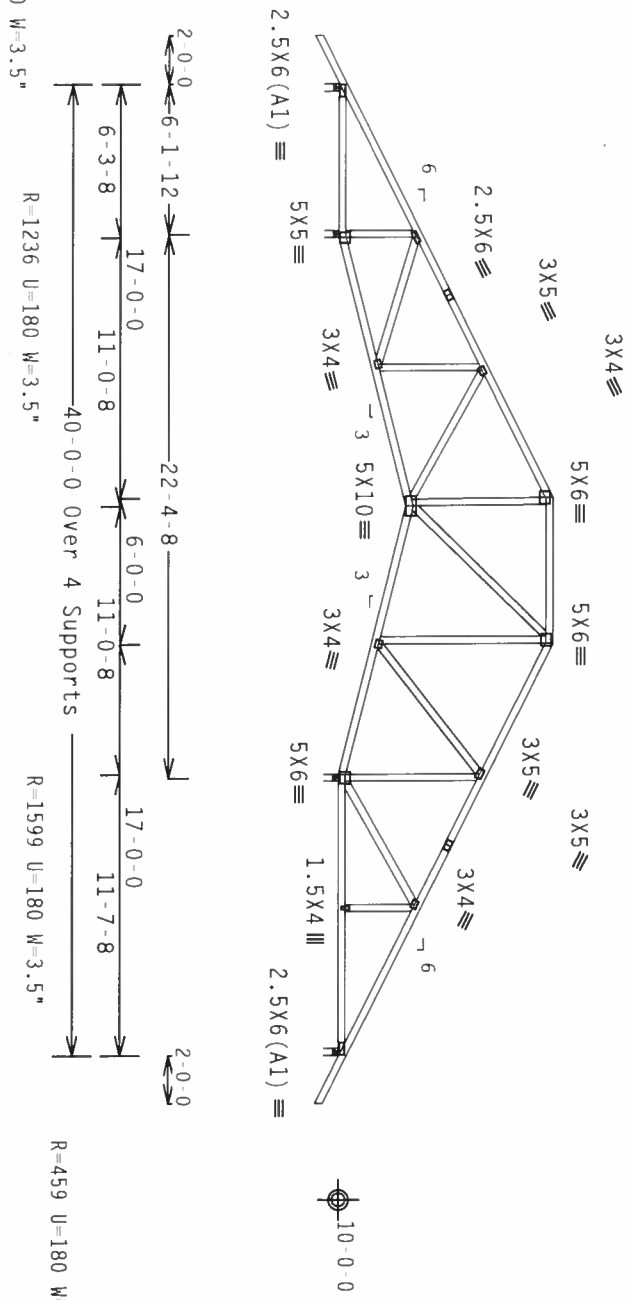
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TC DL	10.0 PSF	DATE	01/11/07	
BC DL	10.0 PSF	DRW	HCUSR487	07011047
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	144097	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1T3X487	Z03

(6 434 Frederick Perry Construct Lender ** A6 40' Steardown Hip)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

Wind reactions based on MFRS pressures.

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

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

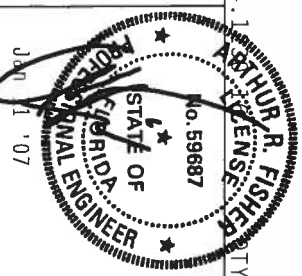
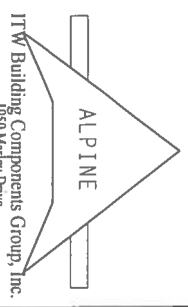
7.24.1

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

Scale = .125"/ft.

****WARNING**** TRUSSES REQUIRE EXTERIOR GABLE TRUSS FABRICATION, HANDLING, SUPPORTING, INSTALLING AND BRACING REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA GOOD 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. THE BUILDING COMPONENTS GROUP, 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 CONNECTIONS WITH TPI OR FABRICATING OF JOBS (OPTIONAL DESIGN SPEC. BY ATRPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/18GA (20/15/5X) ASH 4633 GRADE (40/60 (M. K/155) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWING 180A.Z. UNLESS OTHERWISE INDICATED, BRACING SHALL BE INSTALLED PER SECTION 11.1.1 OF THE TPI 2002 SPEC. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/TP1 1 SEC. 2.



TC LL	20.0 PSF	REF	R487--	64293
TC DL	10.0 PSF	DATE	01/11/07	
BC DL	10.0 PSF	DRW	HCUSR487	07011048
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	144102	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1T3X487	_203

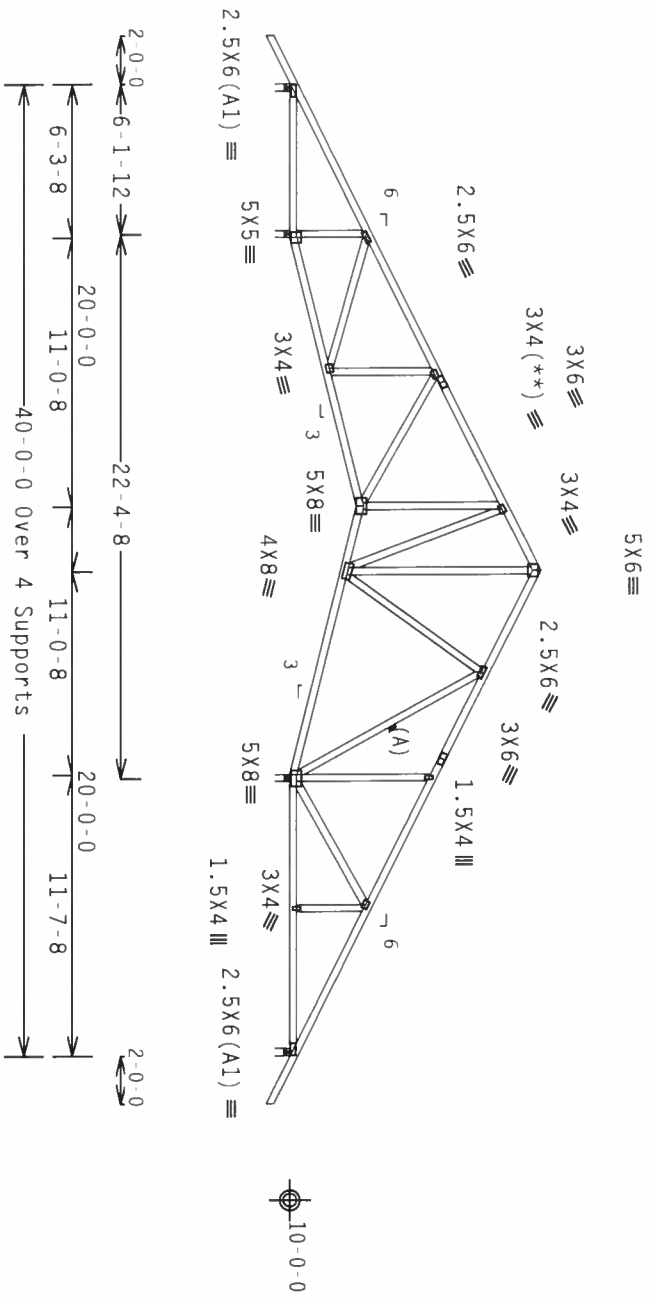
(6-434 Frederick Perry Construct Lender A8 40' Common)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

(**) I plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
Deflection meets L/240 live and L/180 total load.

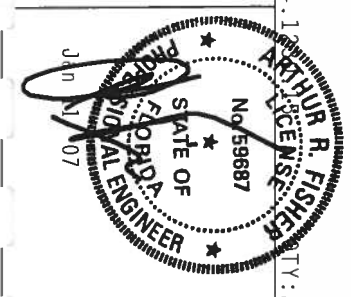
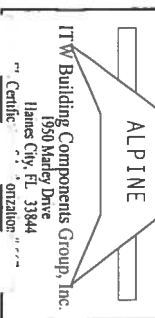


R=265 U=180 W=3.5" R=1244 U=180 W=3.5" R=1632 U=180 W=3.5" R=434 U=180 W=3.5"

PLT TYP. Wave Design Cmt: TPI 2002 (STD) /FBC Qd/RT=1.00(1.25)/10(0) 7.24.1

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NCA GOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, HANSON, MI 49429 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, 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 CORRECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (W/H/SS) ASTM A653 GRADE 40/60 (W, K/1/SS) GALV. STEEL. APPLY PLATES TO EACH FLANGE OF TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. CONNECTION OF PLATES TO TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN AND THE SOLE RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FL	/-/4	/-/R	Scale = .125"/Ft.
TC LL	20.0	PSF	REF R487-- 64295
TC DL	10.0	PSF	DATE 01/11/07
BC DL	10.0	PSF	DRW HCUR487 07011031
BC LL	0.0	PSF	HC-ENG JB/AF
TOT.LD.	40.0	PSF	SEQN- 12676
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1T3X487_203

(6-434 - Frederick Perry Construct Lender - ** - A3 40' Special)

TOP chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 : W1, W6 2x4 SP #2 Dense:

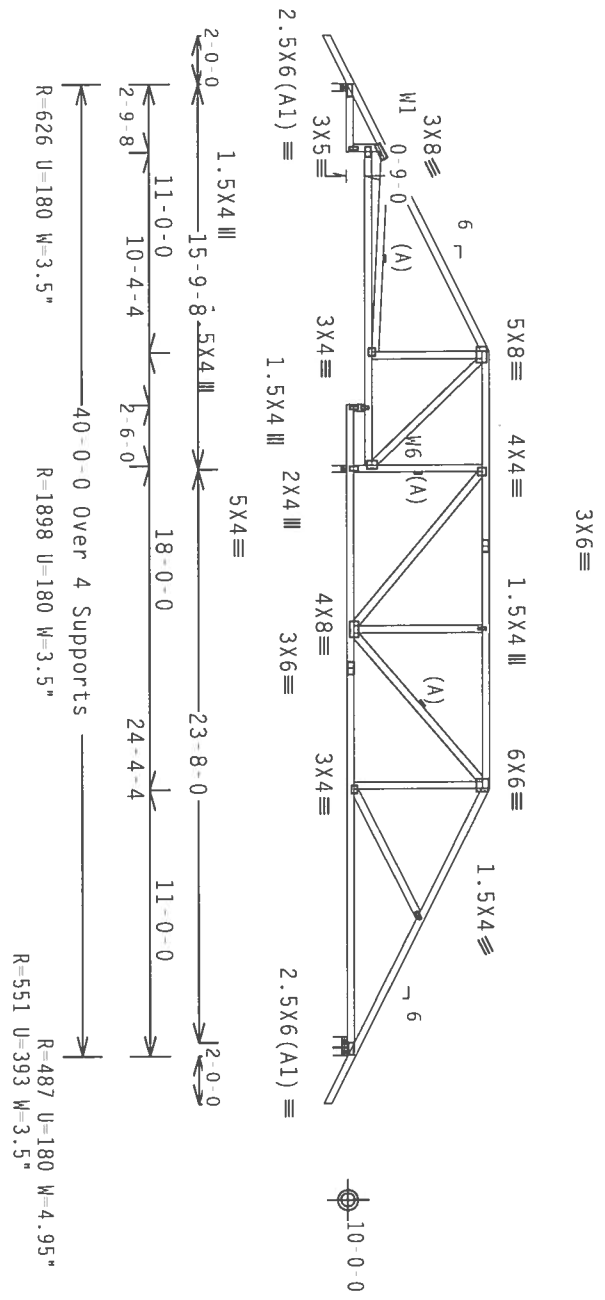
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

SEE DWGS TCFILLER1106 AND BCFILLER1106 FOR FILLER DETAILS.
LATERALLY BRACE BOTTOM CHORD ABOVE FILLER
AT 24" O.C. AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A
LATERAL BRACE AT CHORD ENDS.



R=626 U=180 W=3.5"
R=1898 U=180 W=3.5"
R=487 U=180 W=4.95"
R=551 U=393 W=3.5"

PLT TYP. Wave

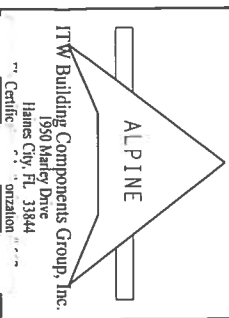
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

ARTHUR R. FISHER
Professional Engineer
No. 59867
STATE OF FLORIDA
Professional Engineer
JUN 11 '07

Scale = .125"/ft.
REF R487-- 64297
DATE 01/11/07
DRW HCUSR487 07011045
HC-ENG JB/AF
SEQN- 144092

WARNING PRISSES REQUIRE EXISTING GAGE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 HOBBS LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND HCA GOOD TRUSS COUNCIL OF AMERICA, 6800 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 TURNING A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. APPLICABLE CONNECTIONS ARE MADE OF 20/10/10GA (4-H/5S/K) ASH AND 30 GRADE 40/60 (K, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. (2) SHALL BE PER THIS DESIGN INDICATES A CHANGE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. NOTIFY FOR THE A SIGNATURE OF THE DESIGNER. A SIGNATURE OF THE DESIGNER OF THIS CONTRACTOR FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
1950 Marley Drive
Haines City, FL 33844
Certified Organization

FL	/- /4 /- /- /R /-	TC LL	20.0 PSF	REF	R487-- 64297
TC DL	10.0 PSF	DATE	01/11/07	DRW	HCUSR487 07011045
BC DL	10.0 PSF	HC-ENG	JB/AF	SEQN-	144092
BC LL	0.0 PSF	DUR. FAC.	1.25	JREF	1T3X487_203
TOT. LD.	40.0 PSF	SPACING	24.0"		

Top chord 2x4 SP #2 Dense : T2, T3 2x6 SP #2:
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3 : W1 2x4 SP #2 Dense:

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d Box or Gun (0.128"x3" , min.) nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @12.00" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

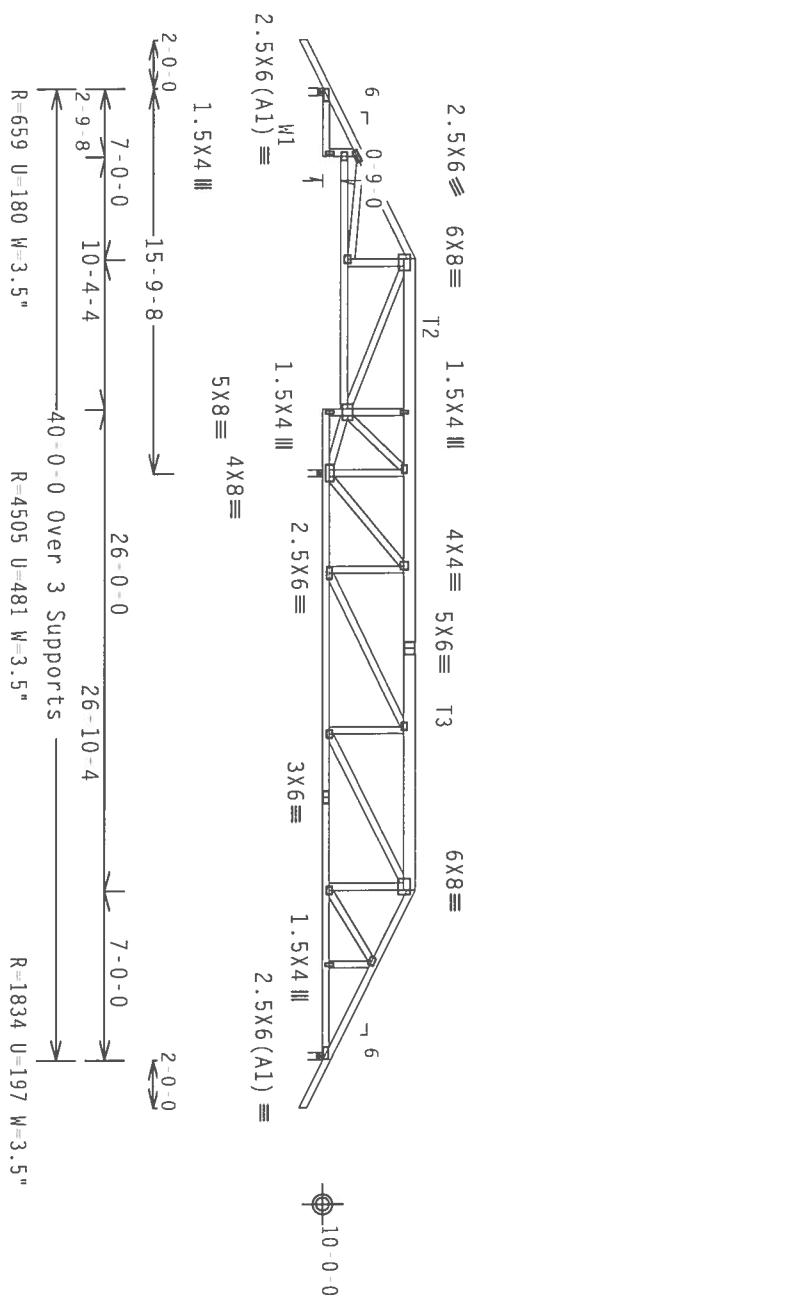
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not
 located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
 DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

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

SPECIAL LOADS

TC - From	62 PLF at -2.00 to 62 PLF at 7.00
TC - From	126 PLF at 7.00 to 126 PLF at 33.00
TC - From	62 PLF at 33.00 to 62 PLF at 42.00
BC - From	4 PLF at -2.00 to 4 PLF at 0.00
BC - From	20 PLF at 0.00 to 20 PLF at 7.00
BC - From	44 PLF at 7.00 to 44 PLF at 33.00
BC - From	20 PLF at 33.00 to 20 PLF at 40.00
BC - From	4 PLF at 40.00 to 4 PLF at 42.00
TC - From	198 LB Conc. Load at 42.00
BC - From	480 LB Conc. Load at 7.00, 33.00



Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

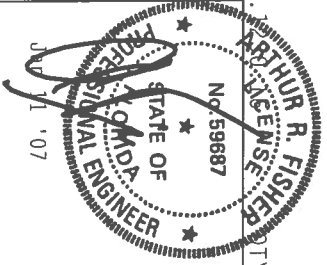
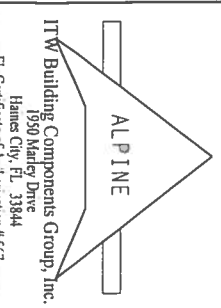
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

7.24

Scale = .125"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND TRCA (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. THE BUILDING COMPONENTS GROUP, 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 CONDUCTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/S) ASTM A653 GRADE 49/60 (G, K/H, S9) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A-Z. TRUSS DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPANY. THIS DRAWING IS THE PROPERTY OF THE TRUSS COMPANY. IT IS TO BE USED ONLY FOR THE TRUSS COMPANY'S MAKING INDICATED. ACCEPTANCE OF PROJECTS SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPANY. THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R487--	64300
TC DL	10.0 PSF	DATE	01/11/07	
BC DL	10.0 PSF	DRW	HCUSR487	07011043
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT. LD.	40.0 PSF	SEQN-	144148	
DUR. FAC.	1.25			
SPACING	24.0"	JREF-	1T3X487	_Z03

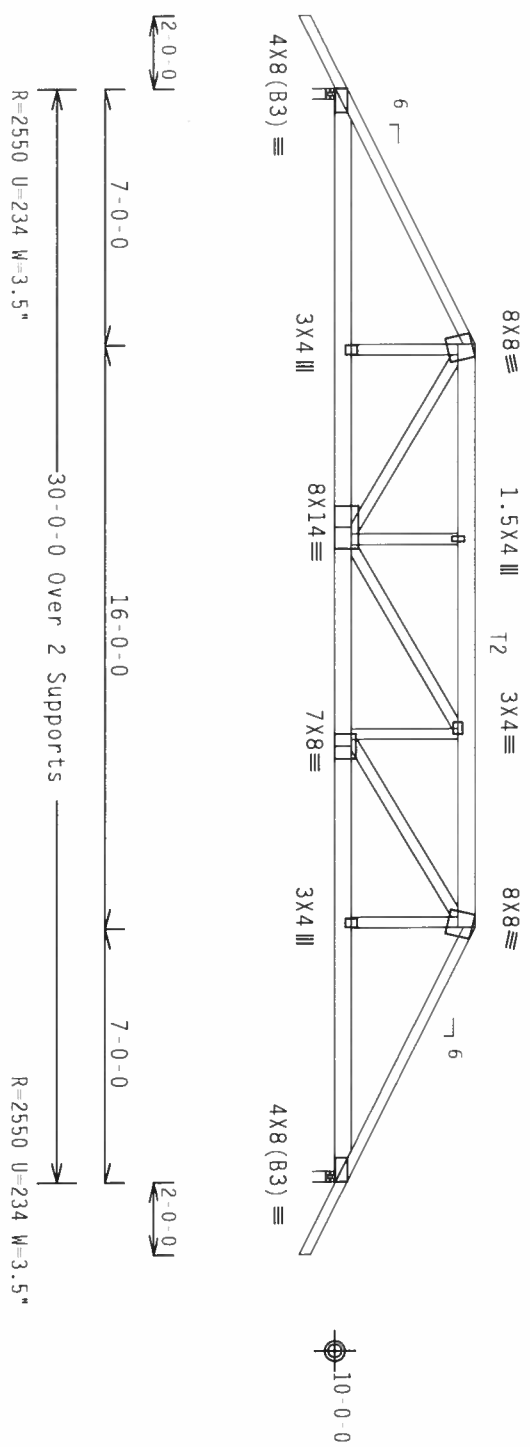
Top chord 2x4 SP #2 Dense : T2 2x6 SP #2:
 Bot chord 2x6 SP #2
 Webs 2x4 SP #3

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

Wind reactions based on MWFRS pressures.

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

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



PLT TYP. Wave

Design Crit: TP1-2002 (STD) /FBC
 Cq/RT=1.00(1.25)/10(0)

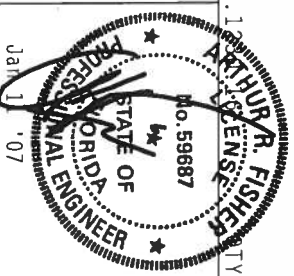
TY:1

Scale = .1875"/ft.

ALPINE
 ITW Building Components Group, Inc.
 1950 Marley Drive
 Gaines City, FL 33844
 Certificate of Registration #1111

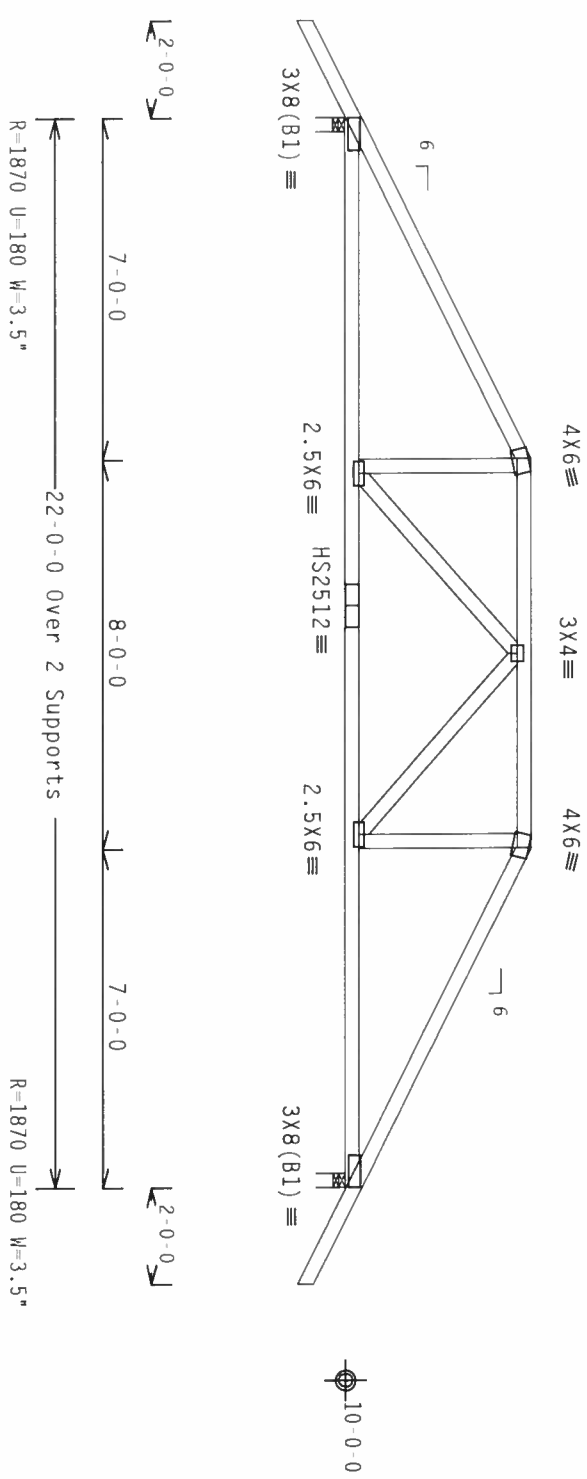
****WARNING**** TRUSSES REQUIRING REINFORCEMENT SHALL BE FABRICATED, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAKE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONTRACTORS WITH APPLICABLE PROVISIONS OF AISC (ADDITIONAL DESIGN SPEC. BY AREA) AND TP1. ALPINE CONDUCTOR PLATE IS MADE OF 2017B/T606 (R. 40760 (R. 421155) GALV. STEEL. ALPINE PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS FROM 2. THE TRUSSES SHALL BE FABRICATED AND ASSEMBLED IN ACCORDANCE WITH THE TRUSS COMPONENT DESIGN SIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FL	/	4	/	/	/	R	/	
TC LL	20.0	PSF	REF	R487	-	64301		
TC DL	10.0	PSF	DATE	01/11/07				
BC DL	10.0	PSF	DRW	HCUSR487	07011056			
BC LL	0.0	PSF	HC-ENG	JB/AF				
TOT.LD.	40.0	PSF	SEQN-	144077				
DUR.FAC.	1.25							
SPACING	24.0"		JREF-	1T3X487_Z03				

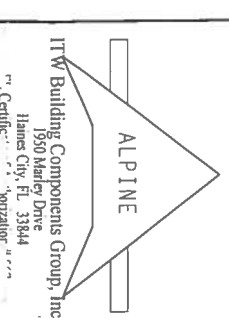
(6 434 Frederick Perry Construct Lender ** H7C 22' Stepped Hip Girder)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 Wind reactions based on MWFRS pressures.
 Deflection meets L/240 live and L/180 total load.
 #1 hip supports 7-0-0 jacks with no webs.
 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



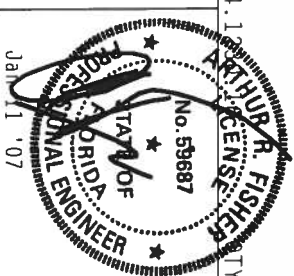
PLT TYP. 20 Gauge HS, Wave
 Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)
 7.24.1

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (NATIONAL TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE TANE, HANOVER, VA, 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 QUALIFY A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, 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/AIA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (W/1/55X) ASH GRAB GRADE 40/60 (W, K/2H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS FROM 2. AN INSPECTION OF PLATES AND MEMBER PROFILES SHALL BE PERFORMED PRIOR TO INSTALLATION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE Building Components Group, Inc.
 1950 Marley Drive
 James City, FL 33844
 Certificate of Registration # 1111



TC LL	20.0 PSF	REF	R487--	64303
TC DL	10.0 PSF	DATE	01/11/07	
BC DL	10.0 PSF	DRW	HCUSR487	07011035
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT.LD.	40.0 PSF	SEQN-	144071	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1T3X487	203

Scale = .25" / Ft.

(6 434 - Frederick Perry Construct Lender . . . ** - CUI 1' Jack)

Top chord 2x4 Sp #2 Dense
Bot chord 2x4 Sp #2 Dense

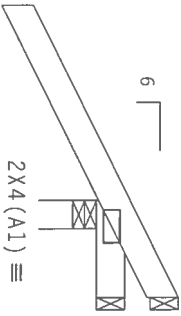
Wind reactions based on MMFRS pressures.

Provide (2) 16d common nails (0.162"x3.5"); toe nailed at Top chord.
Provide (2) 16d common nails (0.162"x3.5"); toe nailed at Bot chord.

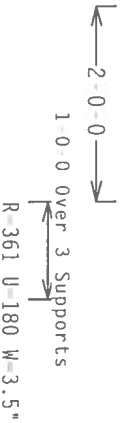
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

R = 110 U=180



R = 35 U=180



PLT TYP. Wave

Design Crit: TPI - 2002 (STD) / FBC

Cd/RT=1.00(1.25)/10(0)

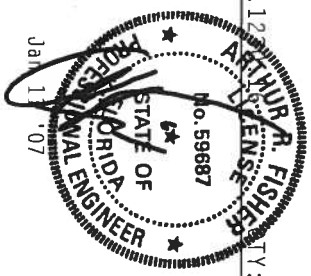
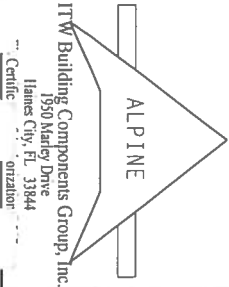
7.24.12

TY:14 FL/-/4/-/R/-

Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI, TRUSS PL, INDUSTRIAL, 210 HORTON LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WCA GOOD 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. THE BUILDING COMPONENTS GROUP, 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 AWRA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (40/55/30) ASTM A653 GRADE 40/60 (H, K/1/55) 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 FURNISHED BY TPI SHALL BE PERFORMED AS OF THIS 2002 SPEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SELECT FOR THE TRUSS COMPONENT BUILDING DESIGNER PER AWS/1911 SEC. 2.

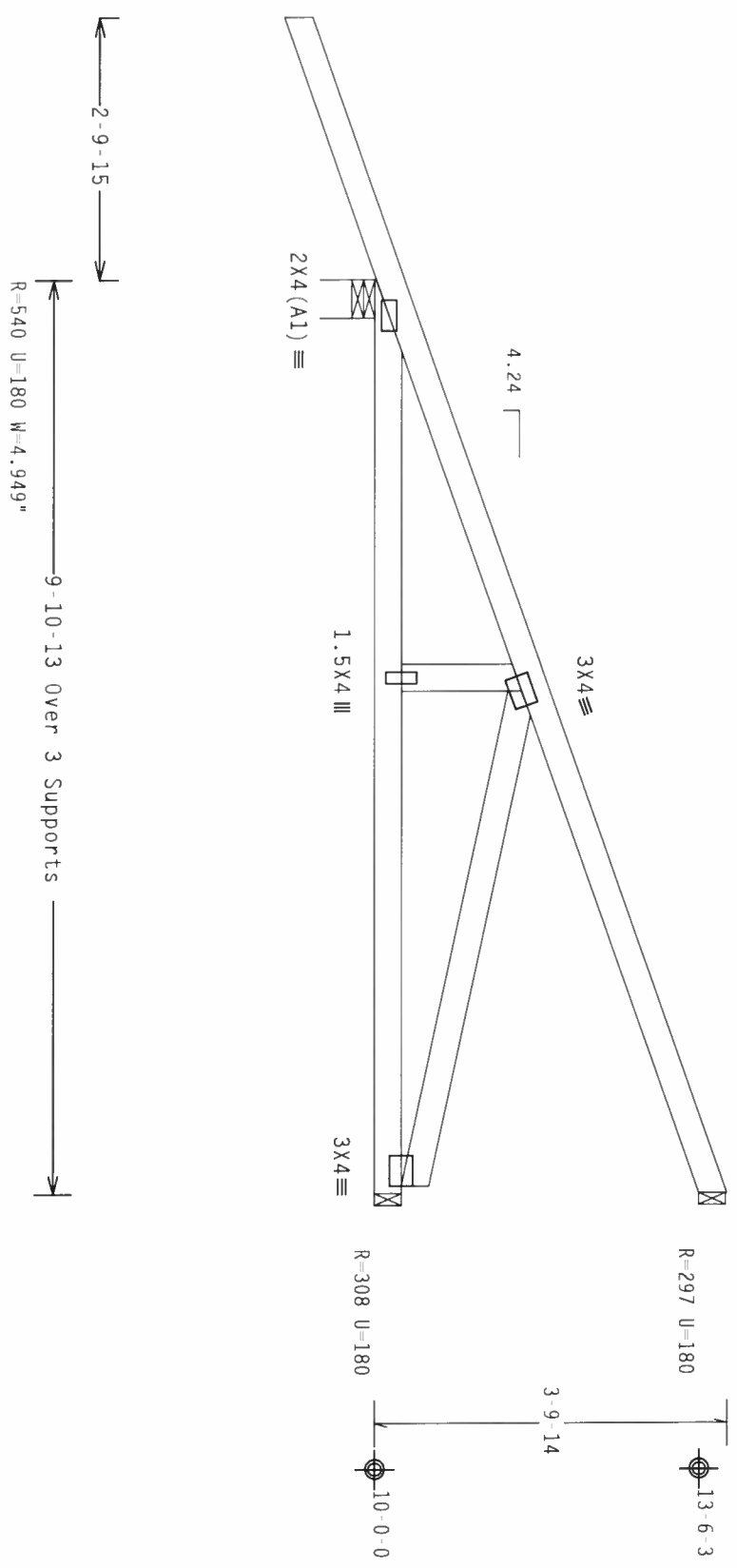


TC LL	20.0 PSF	REF	R487 -- 64305
TC DL	10.0 PSF	DATE	01/11/07
BC DL	10.0 PSF	DRW	HCUSR487 07011064
BC LL	0.0 PSF	HC - ENG	JB/AF
TOT. LD.	40.0 PSF	SEQN -	144059
DUR. FAC.	1.25		
SPACING	24.0"	JREF -	1T3X487_Z03

(6 434 Frederick Perry Construct Lender . ** HJ7 9'10"13 Hip Jack Girder)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

Wind reactions based on MFRS pressures.
 Deflection meets L/240 live and L/180 total load.

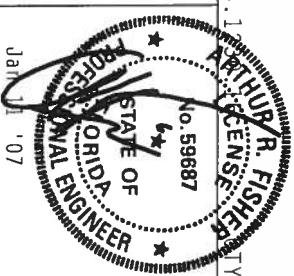
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Hipjack supports 7-0-0 setback jacks with no webs.
 Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
 Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave
 Design Cmt: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)
 7.24.1
 Scale = .5" / Ft.

ALPINE
 ITW Building Components Group, Inc.
 1950 Marley Drive
 Haines City, FL 33844
 "Certified" Organization

****WARNING**** BRASSES REQUIRED. EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO GC'S (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI. BRASS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NCA (WOOD BRASS 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. THE BUILDING CONTRACTOR'S GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE BRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF BRUSSES. DESIGN CONTRACTORS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. & BRACE) AND TPI. ALPINE CONNECTIONS ARE MADE OF 20/18/18GA (9.4/8/8/8) ASH K653 GRADE 40/60 (N, K20/55) GALV. STEEL. APPLY TO THE CONNECTIONS OF THE BRUSSES UNLESS OTHERWISE INDICATED ON THIS DESIGN. POSITION PER DRAWINGS (FIG. 2). APPROVED FOR THE DESIGNER: JAMES H. FISHER, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 59887, DATE 11/07. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FL/-/4/-/180	TC LL	20.0 PSF	REF	R487--	64306
	TC DL	10.0 PSF	DATE	01/11/07	
	BC DL	10.0 PSF	DRW	HCUSR487	07011058
	BC LL	0.0 PSF	HC-ENG	JB/AF	
	TOT.LD.	40.0 PSF	SEQN-	144056	
	DUR.FAC.	1.25			
	SPACING	24.0"	JREF-	1T3X487	203

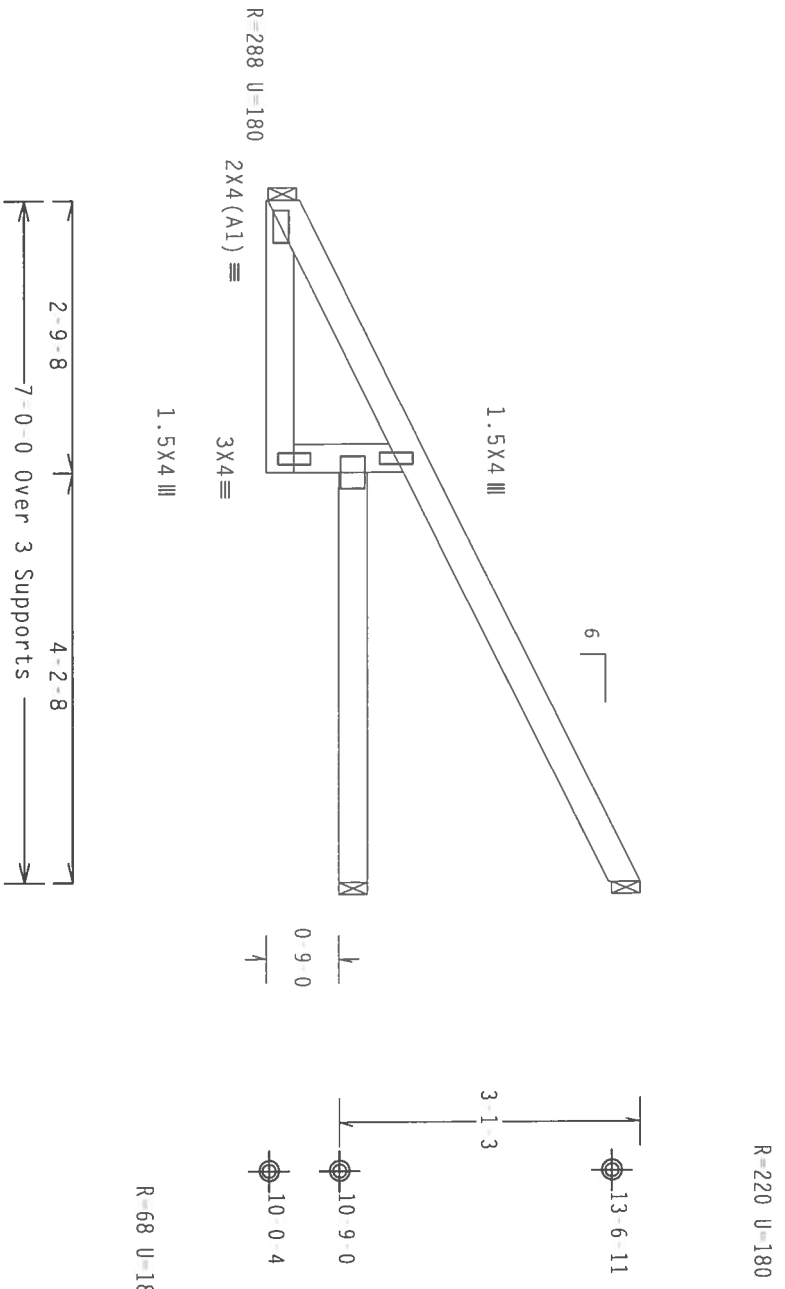
Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

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

Wind reactions based on MWFRS pressures.

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
 Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

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



Scale = .5" / Ft.

ALPINE	ITW Building Components Group, Inc. 1950 Marley Drive Haines City, FL 33844 Certified by Florida Registration		
<p>**WARNING** TRUSSES REQUIRE EXPERIENCE, CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLAN INSTITUTE, 218 NORTH E.C. STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.</p> <p>**IMPORTANT** TRUSSES A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, 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 WCA (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ALTHOUGH CONNECTIONS ARE MADE OF 20/10/7/6GA OR 11/5/5/3/1 ASH 6053 GRANT 40760 (W. K/PI/SS) GALV. STEEL. APPLY PLATES EACH SIDE OF JOINTS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, SECTION PER DRAWING SHALL BE USED. THE APPEARANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AWS/TPI 1 SEC. 2.</p>			
TC LL	20.0 PSF	REF	R487 - 64311
TC DL	10.0 PSF	DATE	01/11/07
BC DL	10.0 PSF	DRW	HCUSR487 07011050
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	144117
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T3X487_Z03

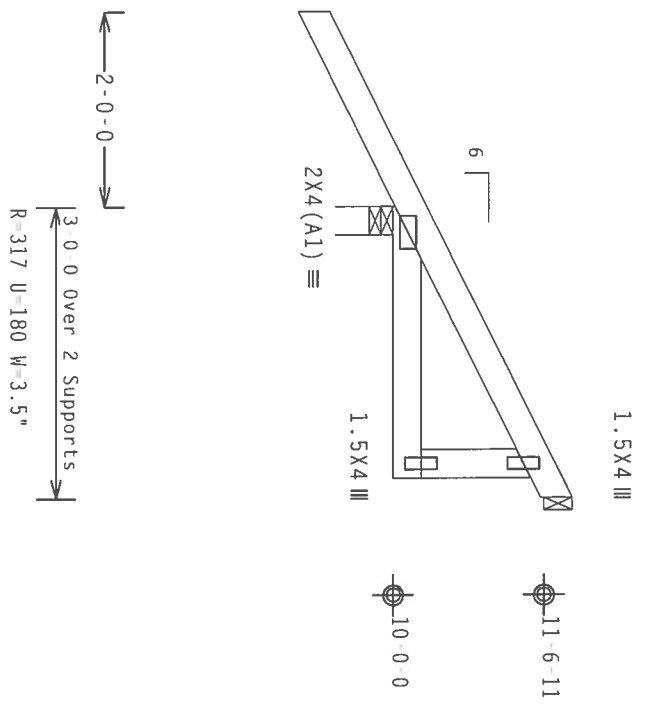
(6 434 - Frederick Perry Construct Lender ** CJ3A 3' Jack)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

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



FL/-/4/-/180
 Scale = .5" / Ft.

ALPINE

ITW Building Components Group, Inc.
 1950 Marley Drive
 Gainesville, FL 32644
 Certification Organization

****WARNING**** BRUSSES, BRACING, EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. READING AND OBTAINING COMPANY SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 212, ALEXANDRIA, VA, 22304 AND WCA FROM TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, 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 CONDITIONS WITH APPLICABLE PROVISIONS OF AOS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. APPLY CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A, 2 PLATES TO EACH FACE OF TRUSS FOLLOWED BY (1) SHALL BE THE SAME AS OF TPI 2002 SPEC. 3 ON THE A SEAL ON THIS DRAWING INDICATES. ACCEPTANCE OF THIS DESIGN, INCLUDING RESPONSIBILITY TO SELECT OR THE A SEAL ON THIS DRAWING INDICATES. ACCEPTANCE OF THIS DESIGN FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R487-64312
TC DL	10.0 PSF	DATE	01/11/07
BC DL	10.0 PSF	DRW	HCSR487 07011055
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	14139
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T3X487_Z03

(6 434 Frederick Perry Construct Lender , ** HJ7A 9'10"13 Hip Jack Girder)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3

Wind reactions based on MMFRS pressures.

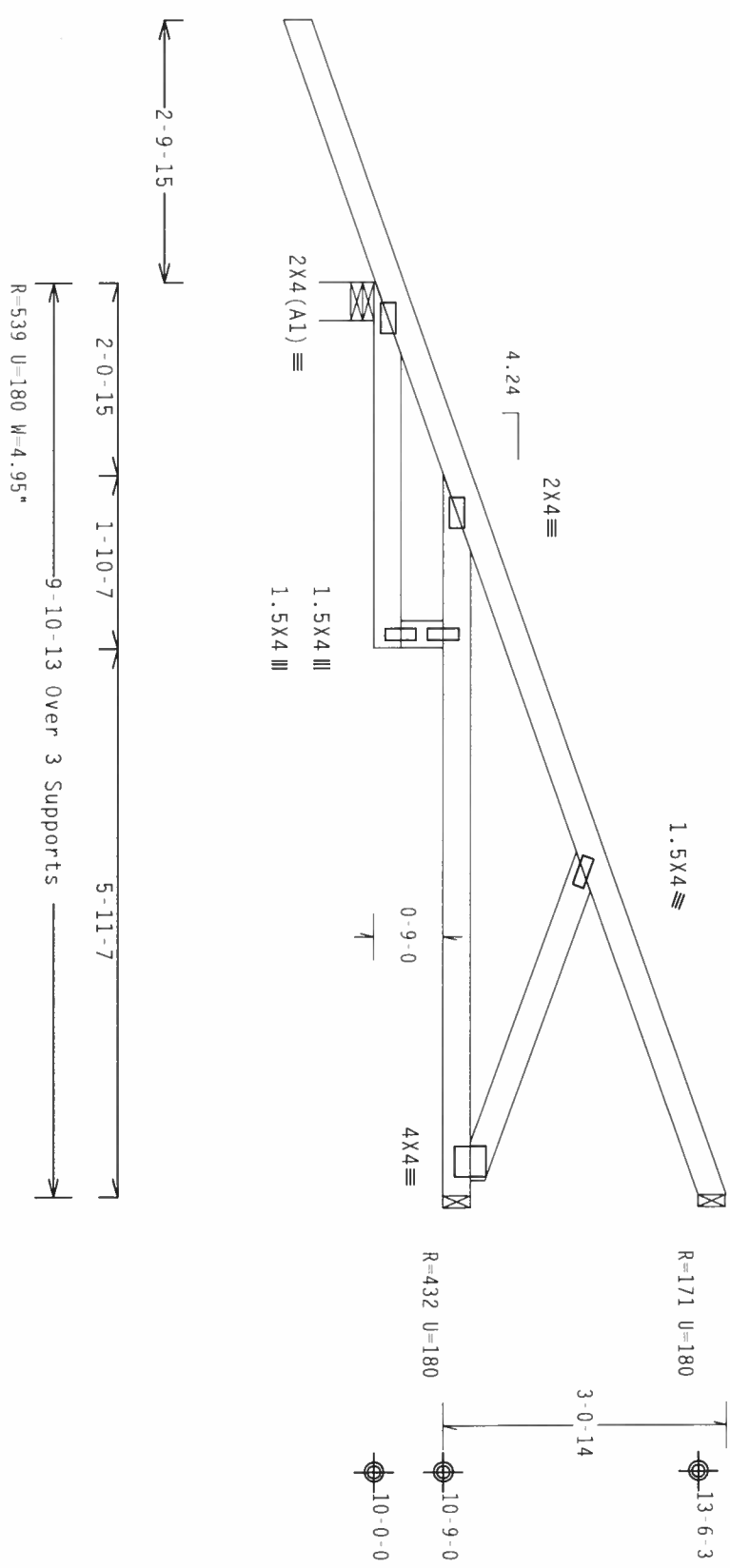
Deflection meets L/240 live and L/180 total load.

SEE DWG6 TCFILLER1106 AND BCFILLER1106 FOR FILLER DETAILS.
 Laterally brace bottom chord above filler
 at 24" o.c. and top chord under filler at 24" oc including a lateral
 brace at chord ends.

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

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
 Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

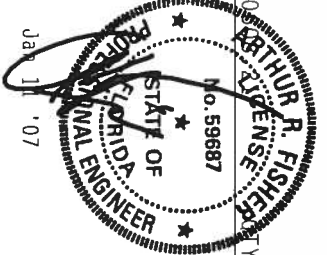
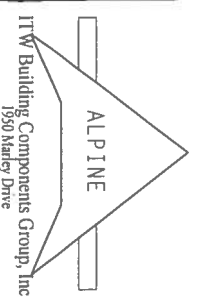
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0)

7.26.00

Scale = .5" / Ft.

WARNING TRUSSES BRIDGE EXTERIOR FRAME IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
 REFER TO DC61 (BUILDING COMPONENT SAFETY INFORMATION) - HANDLED BY TPI (TRUSS PLATE INSTALLER, 218
 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300
 ENTERPRISE LANE, HANOVER, VA, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
 OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
 A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS
 GROUP, 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 CONDITIONS ARE BASED ON 20/10/10 (W/D/S/S/W) ASH 6653 GRADE 40/60 (W, R/II, S5) GALV. STEEL. ALPINE
 CONNECTOR PLATES ARE MADE OF 20/10/10 (W/D/S/S/W) ASH 6653 GRADE 40/60 (W, R/II, S5) GALV. STEEL. APPLY
 PLATES TO EACH PAIR OF TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2,
 160B 2, 160C 2, 160D 2, 160E 2, 160F 2, 160G 2, 160H 2, 160I 2, 160J 2, 160K 2, 160L 2, 160M 2, 160N 2, 160O 2,
 160P 2, 160Q 2, 160R 2, 160S 2, 160T 2, 160U 2, 160V 2, 160W 2, 160X 2, 160Y 2, 160Z 2. UNLESS OTHERWISE
 INDICATED, THE ACCEPTED PRACTICES OF THE TRUSS MANUFACTURING INDUSTRY SHALL APPLY. THE FABRICATOR SHALL
 DESIGN SHOW THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



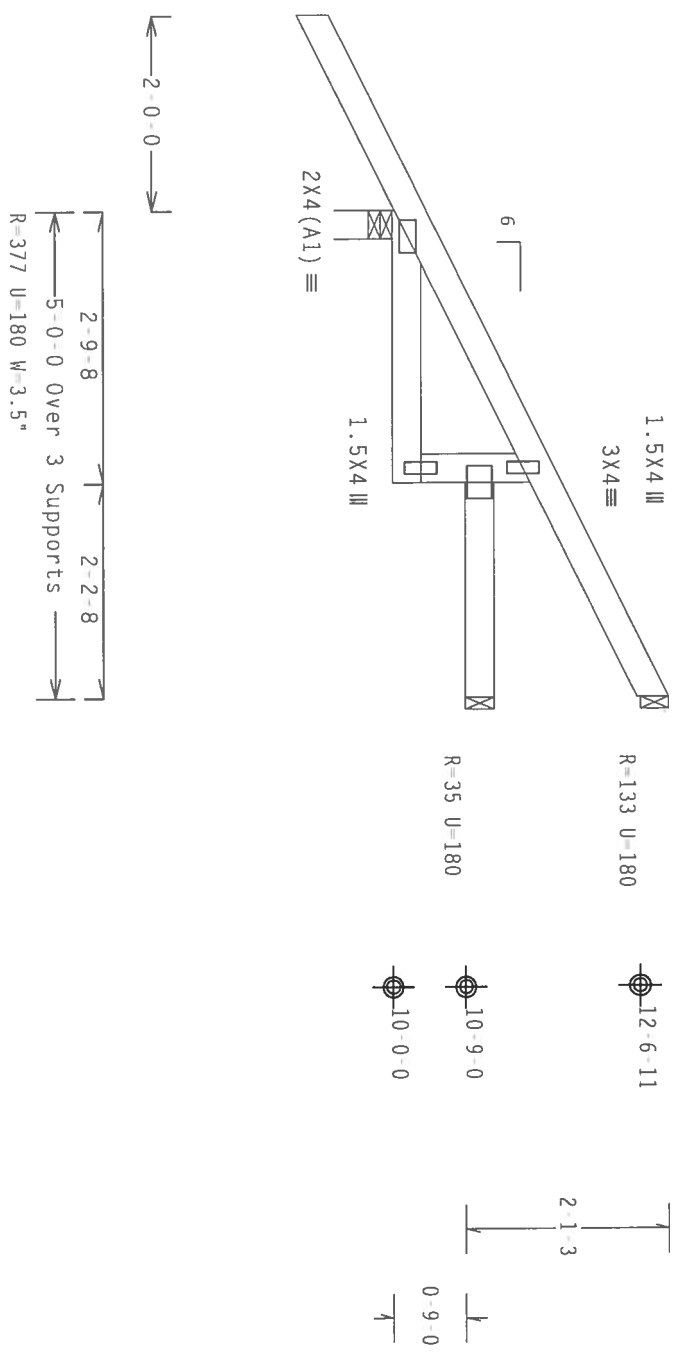
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BC DL	10.0 PSF	DRW	HCUSR487	07011051
BC LL	0.0 PSF	HC-ENG	JB/AF	
TOT. LD.	40.0 PSF	SEQN-	14274	
DUR. FAC.	1.25			
SPACING	24.0"	JREF	1T3X487	203

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

Wind reactions based on MWFRS pressures.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

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



PLT TYP. Wave

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

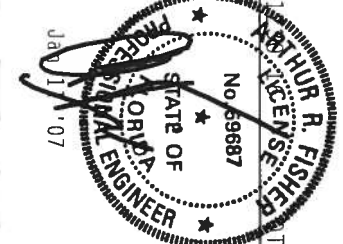
7.24.11

FL/-/4/-/R/-

Scale = .5"/Ft.

WARNING TRUSSES REQUIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS) COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, HAMILTON, MI 48429 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, 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. ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (Q/155K) ASH G660 GRADE 40/60 (Q/ K/1.55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS. T60A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS PER TPI 1.20D, 1.20E, 1.20F, 1.20G, 1.20H, 1.20I, 1.20J, 1.20K, 1.20L, 1.20M, 1.20N, 1.20O, 1.20P, 1.20Q, 1.20R, 1.20S, 1.20T, 1.20U, 1.20V, 1.20W, 1.20X, 1.20Y, 1.20Z, 1.20AA, 1.20AB, 1.20AC, 1.20AD, 1.20AE, 1.20AF, 1.20AG, 1.20AH, 1.20AI, 1.20AJ, 1.20AK, 1.20AL, 1.20AM, 1.20AN, 1.20AO, 1.20AP, 1.20AQ, 1.20AR, 1.20AS, 1.20AT, 1.20AU, 1.20AV, 1.20AW, 1.20AX, 1.20AY, 1.20AZ, 1.20BA, 1.20BB, 1.20BC, 1.20BD, 1.20BE, 1.20BF, 1.20BG, 1.20BH, 1.20BI, 1.20BJ, 1.20BK, 1.20BL, 1.20BM, 1.20BN, 1.20BO, 1.20BP, 1.20BQ, 1.20BR, 1.20BS, 1.20BT, 1.20BU, 1.20BV, 1.20BW, 1.20BX, 1.20BY, 1.20BZ, 1.20CA, 1.20CB, 1.20CC, 1.20CD, 1.20CE, 1.20CF, 1.20CG, 1.20CH, 1.20CI, 1.20CJ, 1.20CK, 1.20CL, 1.20CM, 1.20CN, 1.20CO, 1.20CP, 1.20CQ, 1.20CR, 1.20CS, 1.20CT, 1.20CU, 1.20CV, 1.20CW, 1.20CX, 1.20CY, 1.20CZ, 1.20DA, 1.20DB, 1.20DC, 1.20DD, 1.20DE, 1.20DF, 1.20DG, 1.20DH, 1.20DI, 1.20DJ, 1.20DK, 1.20DL, 1.20DM, 1.20DN, 1.20DO, 1.20DP, 1.20DQ, 1.20DR, 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1.20IN, 1.20IO, 1.20IP, 1.20IQ, 1.20IR, 1.20IS, 1.20IT, 1.20IU, 1.20IV, 1.20IW, 1.20IX, 1.20IY, 1.20IZ, 1.20JA, 1.20JB, 1.20JC, 1.20JD, 1.20JE, 1.20JF, 1.20JG, 1.20JH, 1.20JI, 1.20JJ, 1.20JK, 1.20JL, 1.20JM, 1.20JN, 1.20JO, 1.20JP, 1.20JQ, 1.20JR, 1.20JS, 1.20JT, 1.20JU, 1.20JV, 1.20JW, 1.20JX, 1.20JY, 1.20JZ, 1.20KA, 1.20KB, 1.20KC, 1.20KD, 1.20KE, 1.20KF, 1.20KG, 1.20KH, 1.20KI, 1.20KJ, 1.20KK, 1.20KL, 1.20KM, 1.20KN, 1.20KO, 1.20KP, 1.20KQ, 1.20KR, 1.20KS, 1.20KT, 1.20KU, 1.20KV, 1.20KW, 1.20KX, 1.20KY, 1.20KZ, 1.20LA, 1.20LB, 1.20LC, 1.20LD, 1.20LE, 1.20LF, 1.20LG, 1.20LH, 1.20LI, 1.20LJ, 1.20LK, 1.20LL, 1.20LM, 1.20LN, 1.20LO, 1.20LP, 1.20LQ, 1.20LR, 1.20LS, 1.20LT, 1.20LU, 1.20LV, 1.20LW, 1.20LX, 1.20LY, 1.20LZ, 1.20MA, 1.20MB, 1.20MC, 1.20MD, 1.20ME, 1.20MF, 1.20MG, 1.20MH, 1.20MI, 1.20MJ, 1.20MK, 1.20ML, 1.20MN, 1.20MO, 1.20MP, 1.20MQ, 1.20MR, 1.20MS, 1.20MT, 1.20MU, 1.20MV, 1.20MW, 1.20MX, 1.20MY, 1.20MZ, 1.20NA, 1.20NB, 1.20NC, 1.20ND, 1.20NE, 1.20NF, 1.20NG, 1.20NH, 1.20NI, 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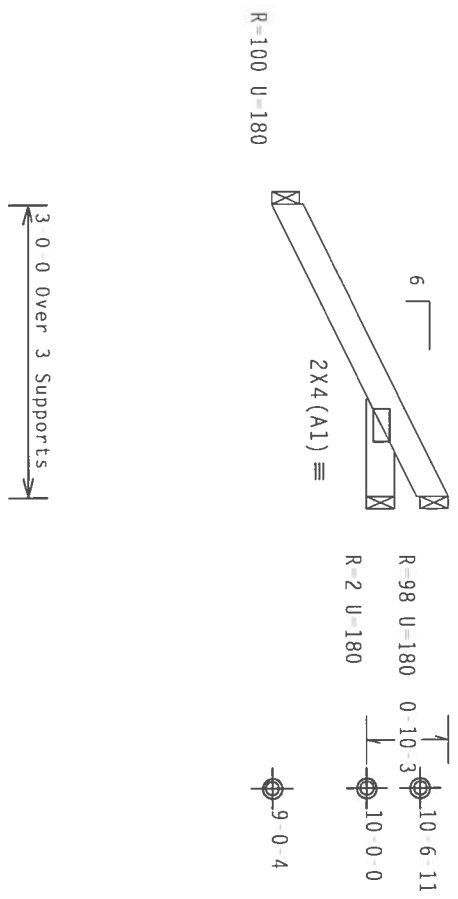


ALPINE
ITW Building Components Group, Inc.
1350 Marney Drive
Haines City, FL 33844
Certified Organization

TC LL	20.0 PSF	REF	R487 - 64314
TC DL	10.0 PSF	DATE	01/11/07
BC DL	10.0 PSF	DRW	HCUSR487 07011053
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	40.0 PSF	SEQN-	144120
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T3X487_203

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located
 anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
 psf.
 Deflection meets L/240 live and L/180 total load.

SPECIAL LOADS
 (LUMBER)
 DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25
 TC - From 62 PLF at 2.00 to 62 PLF at 1.00
 BC - From 4 PLF at 2.00 to 4 PLF at 1.00
 Wind reactions based on MWFRS pressures.
 Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord.
 Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/10(0) 7.24.1

Scale = .5" / Ft.

****WARNING**** (BUILDING COMPONENT SAFETY INFORMATION - HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI...)
 IMPORTANT (INSTALLATION CONTRACTOR...)

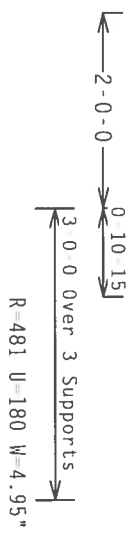
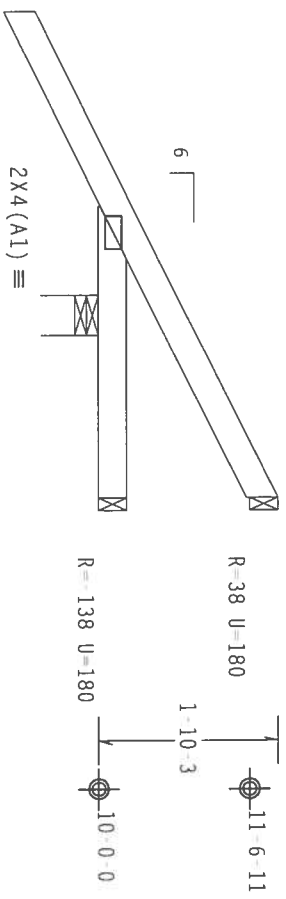
TTW Building Components Group, Inc.
 1950 Mader Drive
 Haines City, FL 33844
 Certified

FL / - / 4 / - / - / R / -	REF R487 - 64317
TC LL 20.0 PSF	DATE 01/11/07
TC DL 10.0 PSF	DRW HCUSR487 07011060
BC DL 10.0 PSF	HC-ENG JB/AF
BC LL 0.0 PSF	SEQN- 144139
TOT.LD. 40.0 PSF	
DUR.FAC. 1.25	
SPACING 24.0"	JRFF- 1T3X487_203

(6 434 Frederick Perry Construct Lender ... ** C03Z 3' Jack)
 Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.
 Provide (2) 16d common nails(0.162"x3.5"); toe nailed at Top chord.
 Provide (2) 16d common nails(0.162"x3.5"); toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
 Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

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

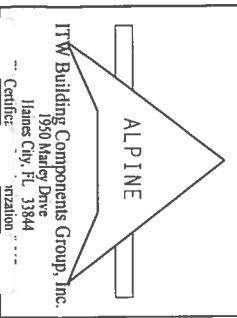
7.24

FL/-/4/-/18/-

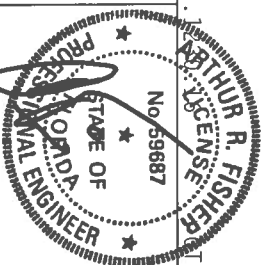
Scale = .5" / Ft.

****WARNING**** PROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



ITW Building Components Group, Inc.
 1950 Marley Drive
 James City, FL 33844
 Certification



TC LL	20.0 PSF	REF R487-- 64318
TC DL	10.0 PSF	DATE 01/11/07
BC DL	10.0 PSF	DRW HCUR487 07011059
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 144142
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T3X487 203

