

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: ITAJ8228Z0207135523

Truss Fabricator: Anderson Truss Company
 Job Identification: 7-262--Isaac Construction Tim Ragan -- , **
 Truss Count: 45
 Model Code: Florida Building Code 2004 and 2006 Supplement
 Truss Criteria: ANSI/TPI-2002(STD)/FBC
 Engineering Software: Alpine Software, Version 7.36.
 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: 09/07/2007

Notes:

- 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
- The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
- As shown on attached drawings; the drawing number is preceded by: HCUSR8228

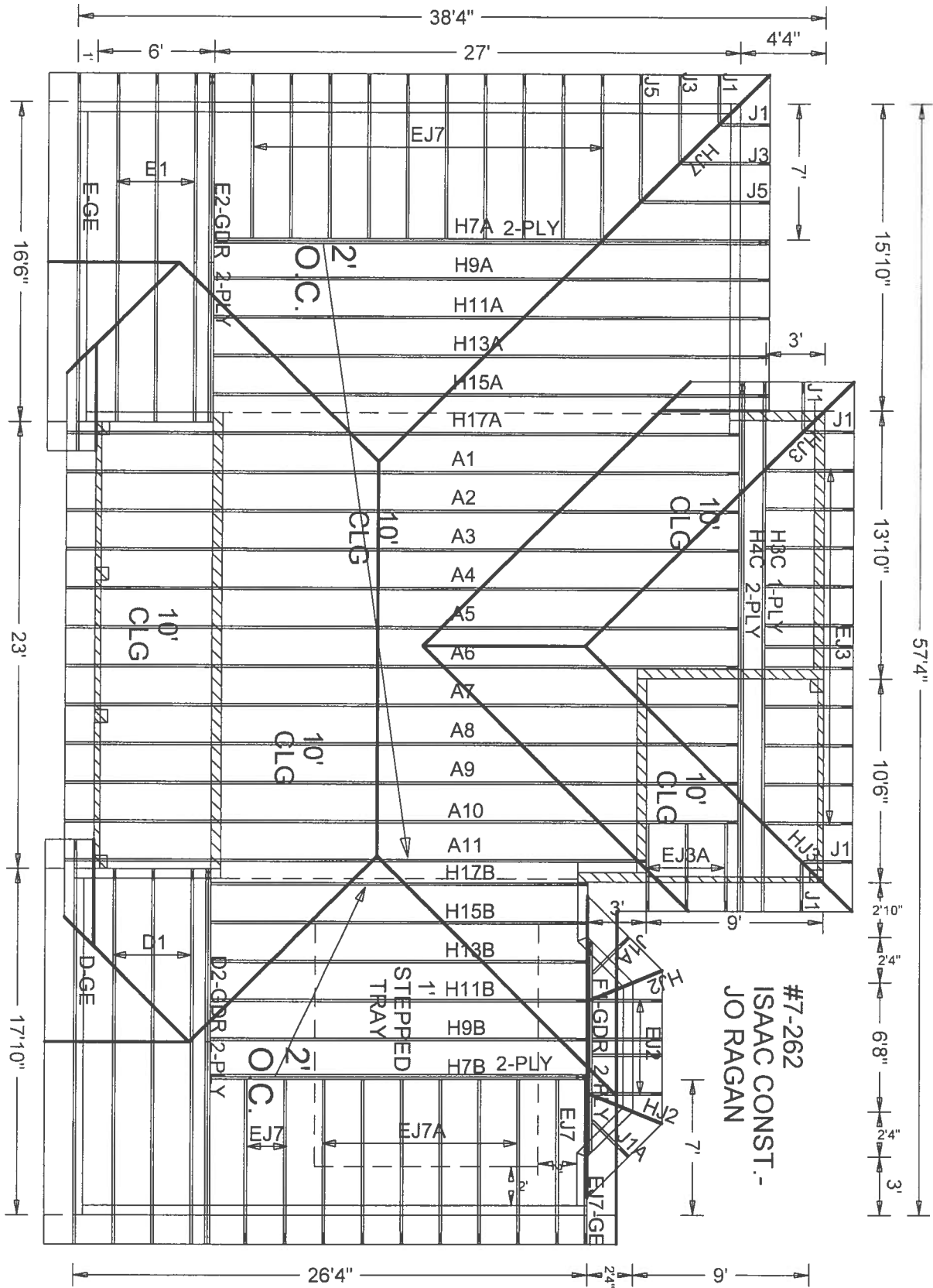
-Truss Design Engineer-
 James F. Collins Jr.
 Florida License Number: 52212
 1950 Marley Drive
 Haines City, FL 33844

Details: BRCLBSUB-A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	32707--	H7A	07250076	09/07/07
2	32708--	H9A	07250054	09/07/07
3	32709--	H11A	07250055	09/07/07
4	32710--	H13A	07250056	09/07/07
5	32711--	H15A	07250057	09/07/07
6	32712--	A10	07250077	09/07/07
7	32713--	A11	07250058	09/07/07
8	32714--	A9	07250059	09/07/07
9	32715--	A8	07250060	09/07/07
10	32716--	A7	07250061	09/07/07
11	32717--	A6	07250062	09/07/07
12	32718--	A5	07250063	09/07/07
13	32719--	A4	07250064	09/07/07
14	32720--	A3	07250065	09/07/07
15	32721--	A2	07250066	09/07/07
16	32722--	A1	07250067	09/07/07
17	32723--	H17A	07250068	09/07/07
18	32724--	H7B	07250078	09/07/07
19	32725--	H9B	07250085	09/07/07
20	32726--	H11B	07250069	09/07/07
21	32727--	H13B	07250070	09/07/07
22	32728--	H15B	07250071	09/07/07
23	32729--	H17B	07250072	09/07/07
24	32730--	H3C	07250079	09/07/07
25	32731--	H4C	07250080	09/07/07
26	32732--	D1	07250045	09/07/07
27	32733--	D-GE	07250081	09/07/07
28	32734--	D2-GDR	07250082	09/07/07
29	32735--	E2-GDR	07250083	09/07/07
30	32736--	E1	07250046	09/07/07
31	32737--	E-GE	07250084	09/07/07
32	32738--	F1-GDR	07250089	09/07/07
33	32739--	EJ3	07250047	09/07/07
34	32740--	J1	07250073	09/07/07
35	32741--	HJ3	07250088	09/07/07
36	32742--	HJ7	07250086	09/07/07

#	Ref	Description	Drawing#	Date
37	32743--	J3	07250048	09/07/07
38	32744--	J5	07250049	09/07/07
39	32745--	EJ7	07250050	09/07/07
40	32746--	EJ2	07250051	09/07/07
41	32747--	J1A	07250074	09/07/07
42	32748--	HJ2	07250052	09/07/07
43	32749--	EJ7A	07250075	09/07/07
44	32750--	EJ3A	07250053	09/07/07
45	32751--	EJ7-GE	07250087	09/07/07





JOB DESCRIPTION: Isaac Construction
/: Tim Ragan

JOB NO.:

7-262

PAGE NO.

1 OF 1

Top chord 2x6 SP #2 : T1 2x4 SP #2 Dense:
 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. Iw=1.00 GCPI(+/-)=0.18

Wind reactions based on MMFRS pressures.

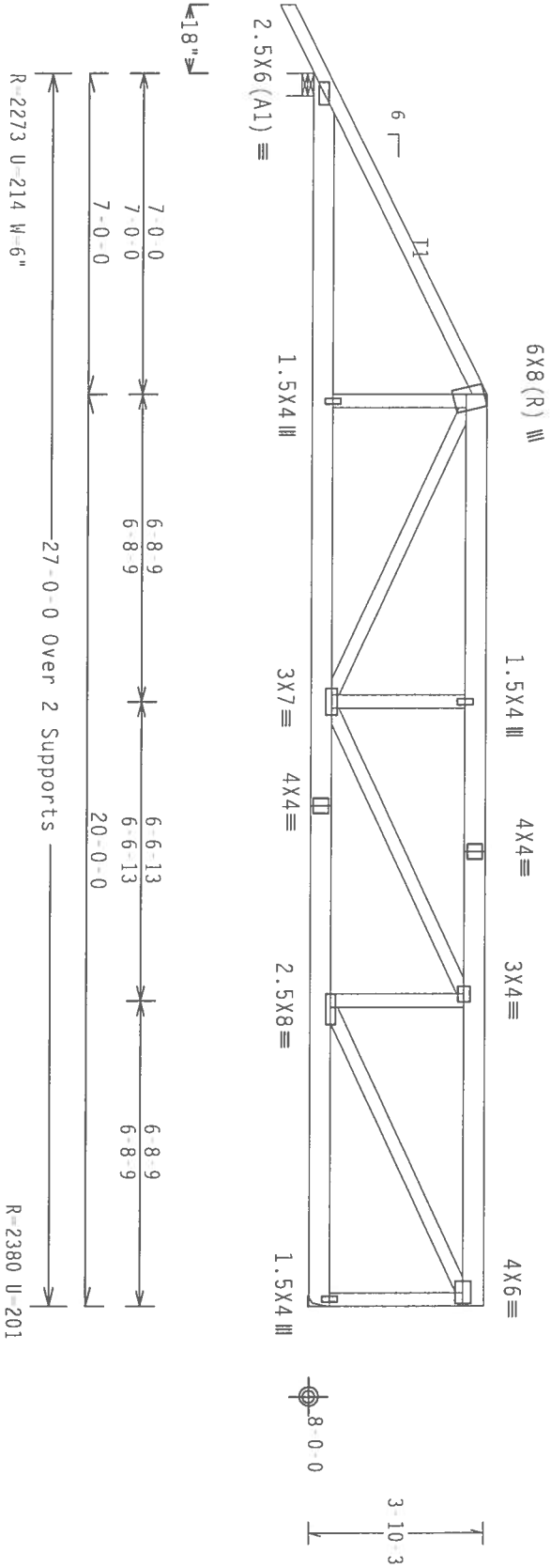
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", 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.

Right end vertical not exposed to wind pressure.
 #1 hip supports 7-0-0 jacks with no webs.

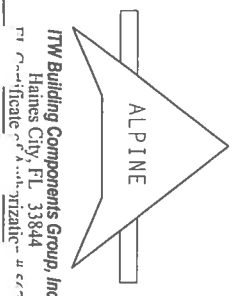


PLT TYP. Wave

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

QTY: 1 FL/-/4/-/R/-

Scale = .25"/ft.

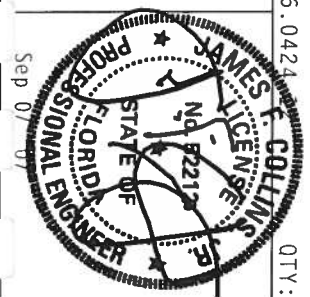


ITW Building Components Group, Inc.
 Haines City, FL 33844
 Tel: 888-446-7121
 Fax: 888-446-7122

****WARNING**** IRUSS'S REQUIRE EXTRACT GAGE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO RCSD (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL ASSOCIATION OF ARCHITECTS 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THEIR FUNCTIONS. QUALITY OVERWISE INDICATED FOR 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 DCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF TRUSSES IN COMPLIANCE WITH REFER TO RCSD (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL ASSOCIATION OF ARCHITECTS 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THEIR FUNCTIONS. QUALITY OVERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. THE DCG CONNECTOR PLATES ARE MADE OF 70/30 BRASS (Cu/Al/Sn/Zn) ASH 6053 GRADE 40/60 (4, K/1.55 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. DRAMAING AND FABRICATION SHALL BE PERFORMED BY THE MANUFACTURER. THE MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228-32707
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250076
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEQN-	47893
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TAJR2RZ02

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

(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.

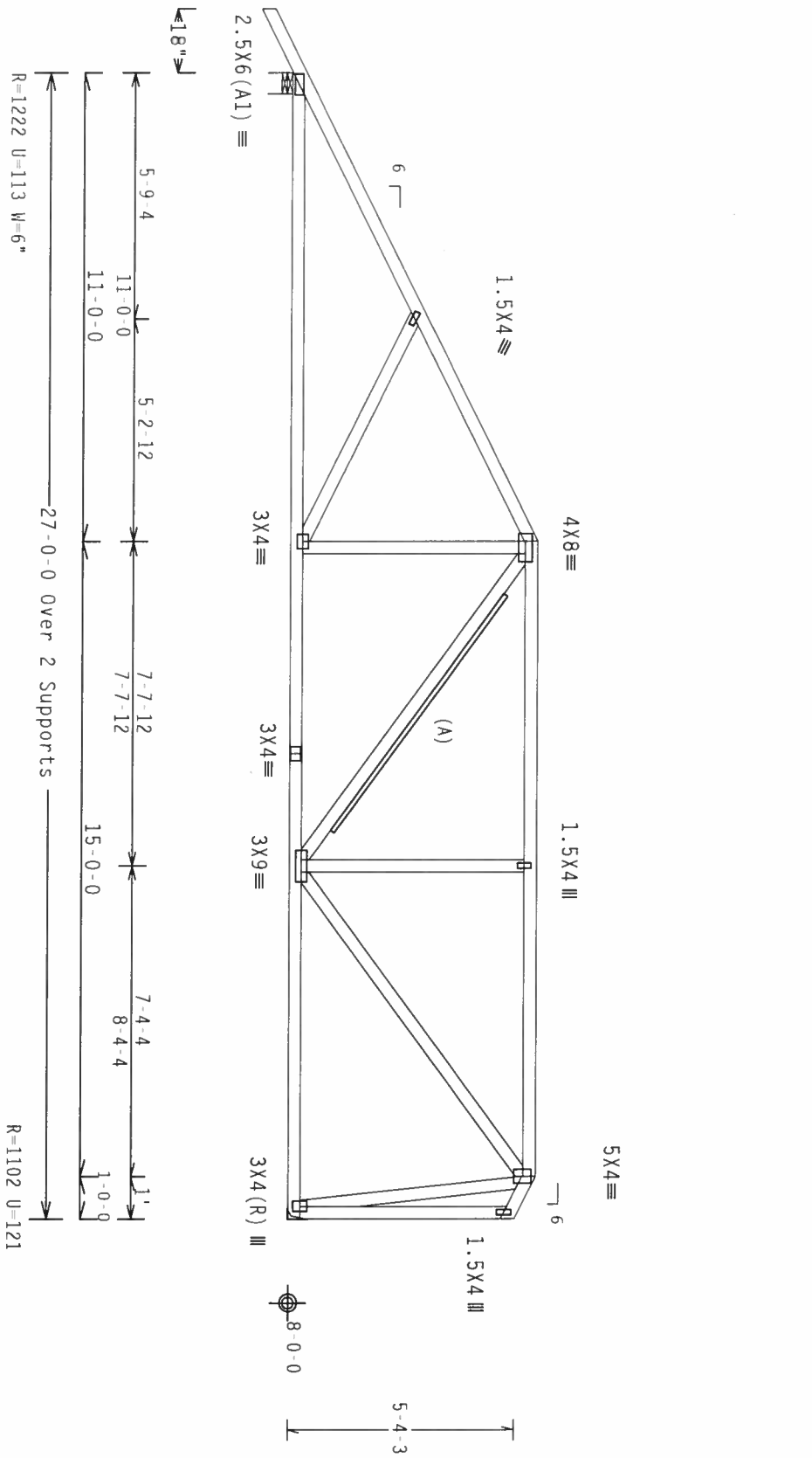
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpl(+/-)=0.18

Wind reactions based on MFERS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.0424

OTY: 1

FL/-/4/-/R/-

Scale = .25"/ft.

ITW Building Components Group, Inc.
Haines City, FL 33844

****WARNING**** TRUSSES REQUIRE EXTERNAL CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I (BUILDING COMPONENT SAFETY INFORMATION) - PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 HORN 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. ITW BCG, 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. ITW BCG DESIGN COMPONENTS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITW BCG CONSTRUCTION PLATES ARE MADE OF 20/18/18GA (GALVALUME) ASH 4053 GRADE 40/60 (GALVALUME) GALV. STEEL. APPLY FOR INSPECTION OF ALL TRUSSES AND TRUSS COMPONENTS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF TRUSSES SHALL BE IN ACCORDANCE WITH 2002 SEC. 2.3. FOR THE TRUSS COMPONENT DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/ASCE 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228 - 32709
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCSR8228 07250055
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEQN-	47905
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRF-	1TAJ8228202

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

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

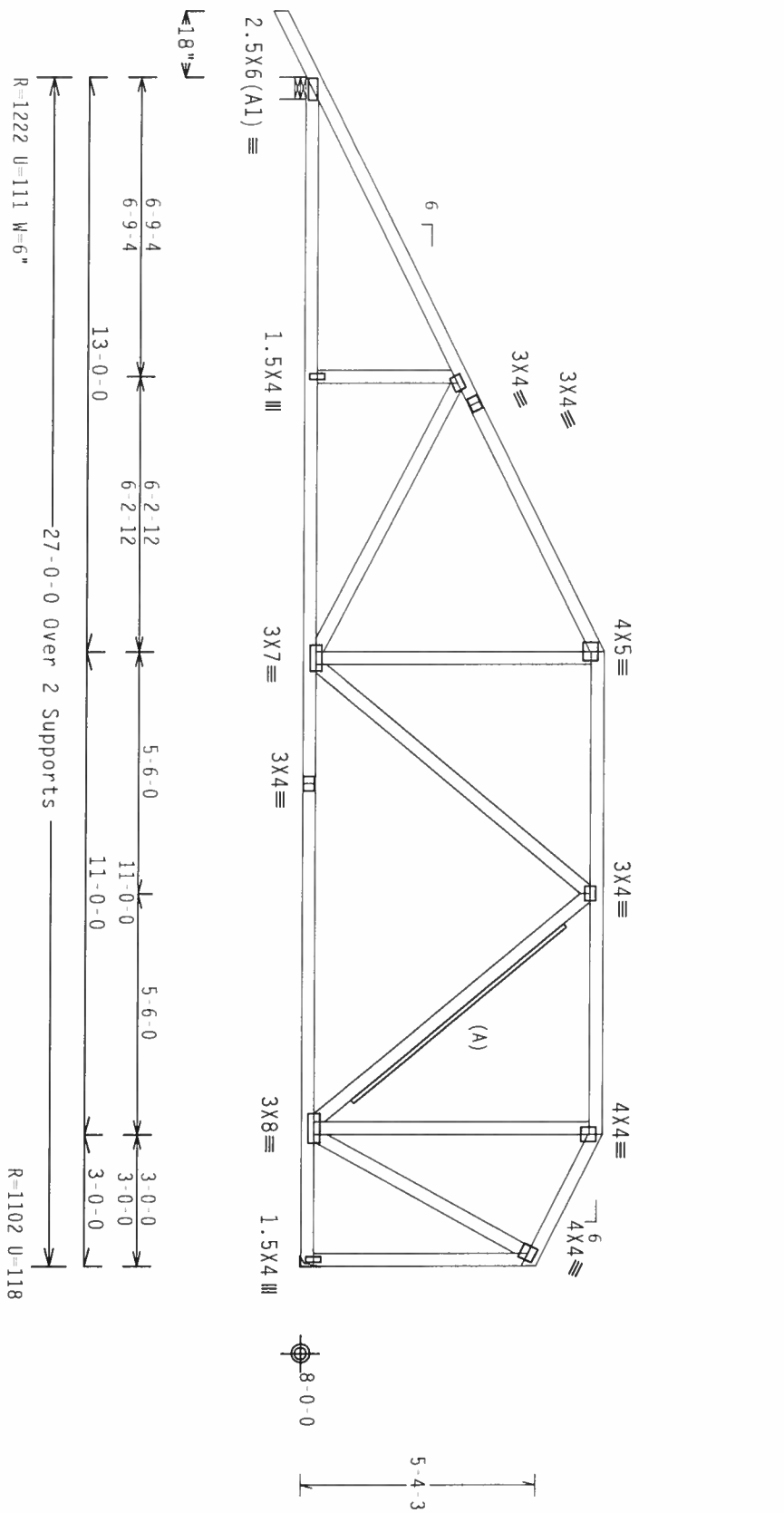
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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. $I_w=1.00$ $G_{cpl}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.0424

QTY: 1

FL/-/4/-/R/-

Scale = .25"/ft.

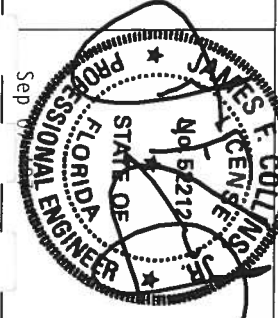
ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
Tel: 888-444-ALPINE

****WARNING**** TRUSSES, BRIDGES, OR OTHER EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO DCSTI (BUILDING COMPONENT SAFETY INFORMATION) - INSTALLED BY TPI, TRUSS PLATE INSTALLATION, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND AISC (WOOD JOINTS) COUNCIL OF AMERICA, 6800 ENTERPRISE LANE, HANSON, MI 48879 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING, & BRACING OF TRUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF AISC (OPTIONAL DESIGN SPEC. BY AISC) AND TPI. THE BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE CONNECTIONS TO THE WALLS AND FOUNDATIONS. THE BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE CONNECTIONS TO THE WALLS AND FOUNDATIONS. THE BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE CONNECTIONS TO THE WALLS AND FOUNDATIONS.



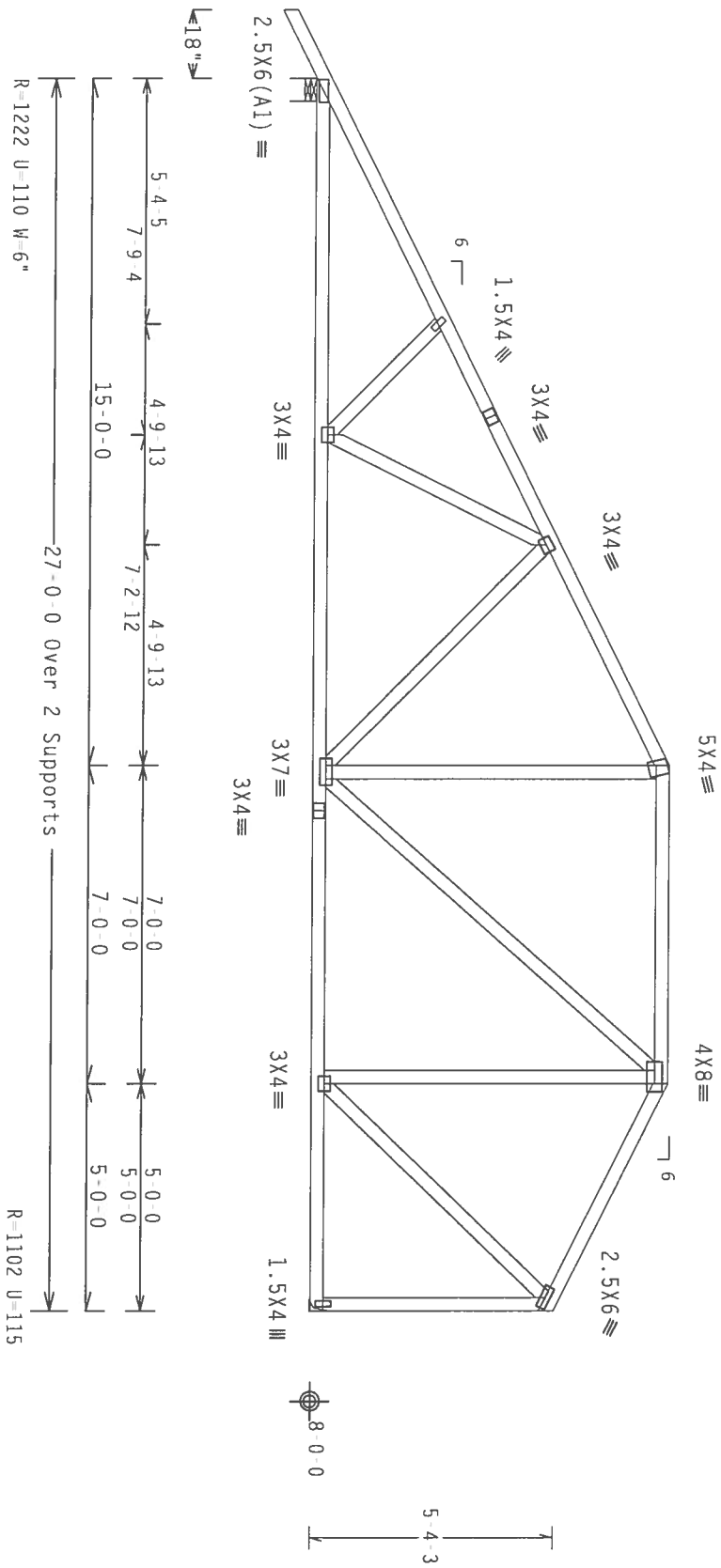
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TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250056
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEQN-	47911
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TAJ8228Z02

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

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. Iw=1.00 Gcpi(+/-)=0.18
 Wind reactions based on MMFRS pressures.
 Right end vertical not exposed to wind pressure.



PLT TYP. Wave

Design Cr1t: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/0(0)

7.36.0424

OTV:1

FL/-/4/-/R/-

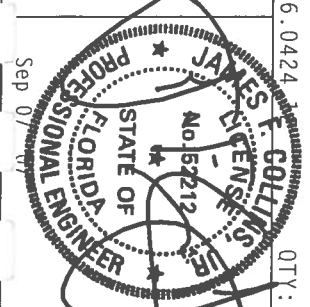
Scale = .25"/ft.

ITW Building Components Group, Inc.
 Haines City, FL 33844
 Tel: 888-444-4444

ALPINE

****WARNING**** TRUSSES REQUIRING EXTERIOR CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. BUILDING BY TPI TRUSS PLATE INSTRUCTIONS. HOBBS LET STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WEA GOOD TRUSS COMPANY 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**** FINISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, BY ACPWA AND TPI. CONTACT THE BCG WITH APPLICABLE PROVISIONS OF THE QUALITY DESIGN SPEC. BY ACPWA AND TPI. THE BCG CONTRACTORS WITH APPLICABLE PROVISIONS OF THE QUALITY DESIGN SPEC. BY ACPWA AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND BOTTOM CHORD (W/SS) WITH 6063 GRADE ANODIZED (W/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE THE ONLY AS OF THE DESIGN. POSITION PER DRAWING 100A-Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS AND THE 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.



IC LL	20.0 PSF	REF	R8228-32711
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSRB228 07250057
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	47916
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRF-	ITA08228202

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 11, EXP B, Wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

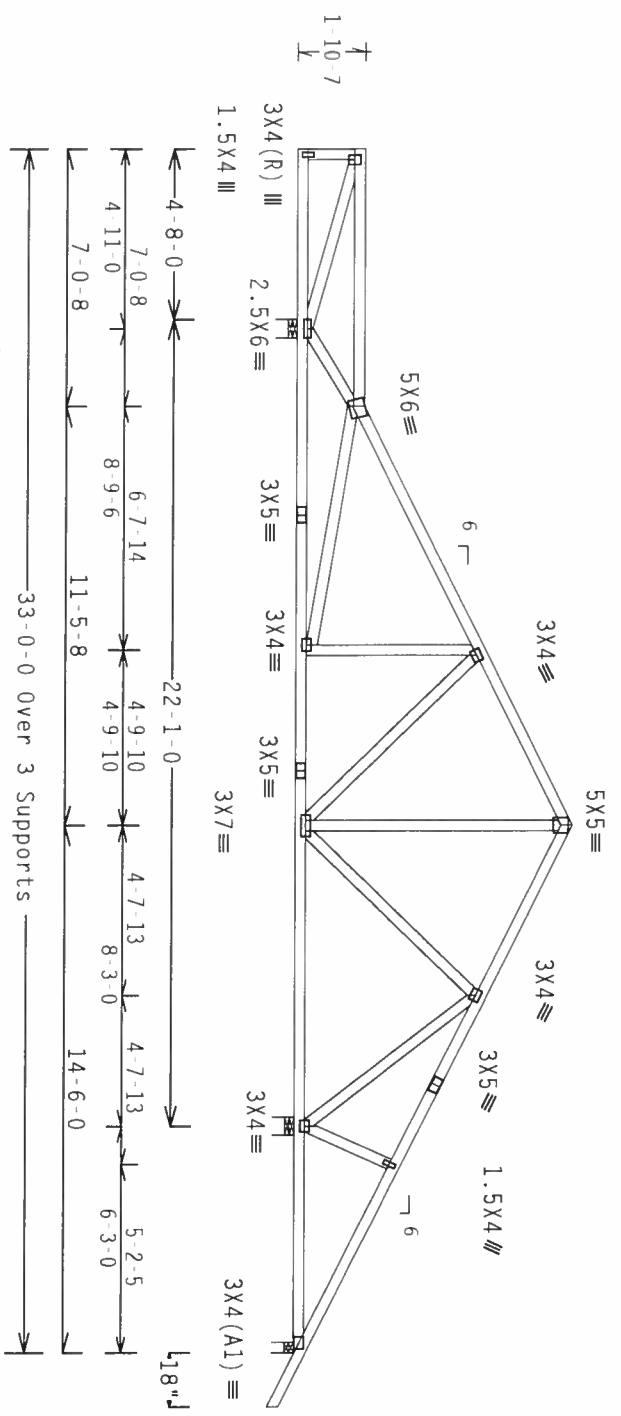
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

SPECIAL LOADS

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

TC - From	62 PLF at 0.00 to 7.04
TC - From	62 PLF at 7.04 to 18.50
TC - From	62 PLF at 18.50 to 34.50
BC - From	20 PLF at 0.00 to 33.00
BC - From	4 PLF at 33.00 to 63.00
TC -	63 LB Conc. Load at 0.60, 2.60, 4.60
BC -	24 LB Conc. Load at 0.60, 2.60, 4.60

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.042

QTY: 1

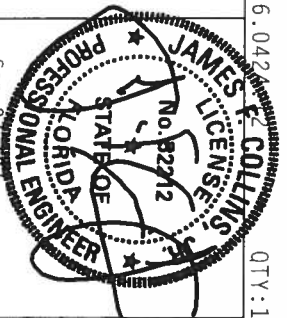
FL/-/4/-/-/R/-

Scale = .1875" / Ft.

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, INSTALLATION, SHIPMENT, UNLOADING 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 WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES FOR PERMITTING 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN, OR AMBIGUOUS, HAZARDOUS, SHODDY, INSTALLING & BRACING OF TRUSSES. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE TRUSS OR ANY OF ITS COMPONENTS. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE TRUSS OR ANY OF ITS COMPONENTS. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE TRUSS OR ANY OF ITS COMPONENTS.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate # A110741201 # 567

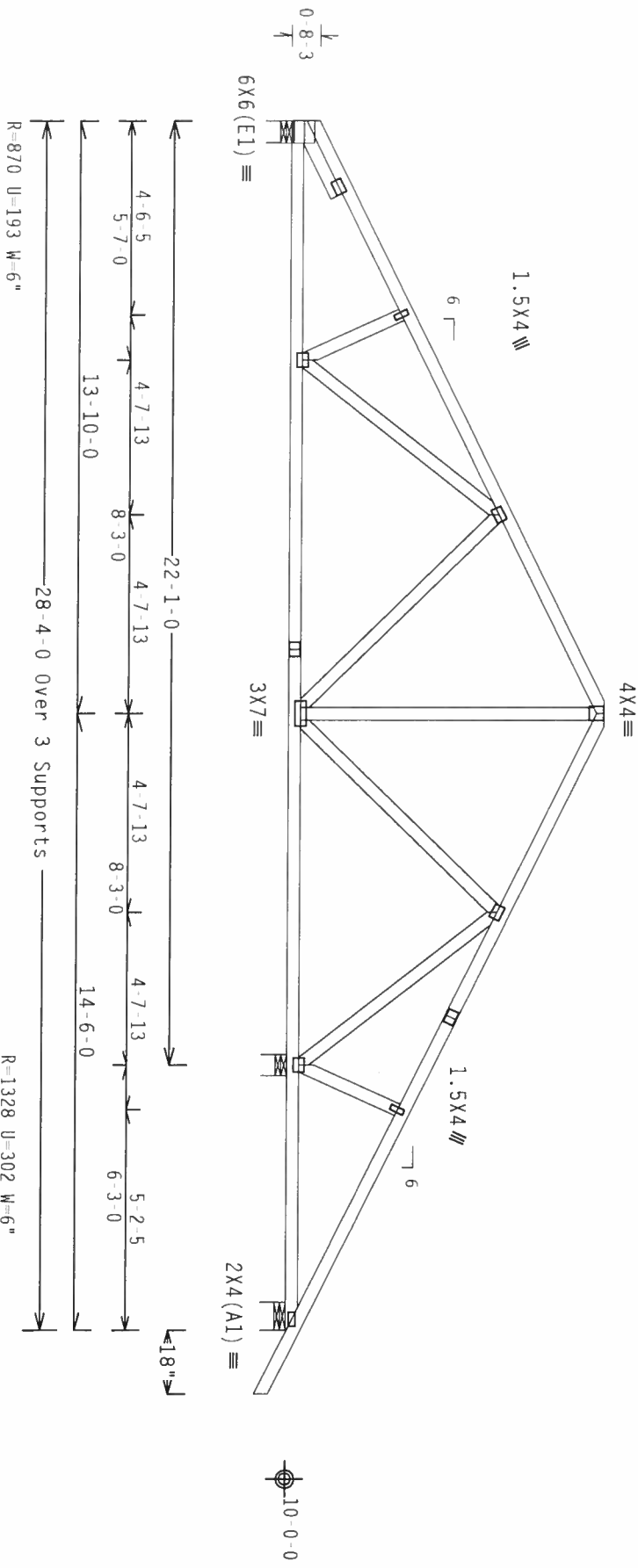


TC LL	20.0 PSF	REF	R8228- 32712
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250077
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	47991
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF	1TAJ8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 Lt Stltdr 2x4 SP #3: BLOCK LENGTH = 1.920'

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART 5 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. Iw=1.00 Gcpl(+/-)=0.55
 Wind reactions based on MWFRS pressures.



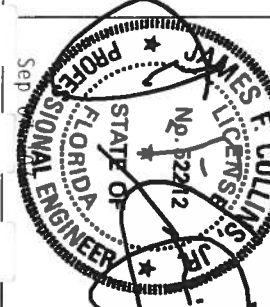
Note: All Plates Are 3x4 Except As Shown.
 Design Crit: TPI-2002(STD)/FBC
 Cg/RT=1.00(1.25)/0(0)

PLT TYP. Wave
 QTY: 1
 FL/-/4/-/R/-

Scale = .25"/ft.
REF R8228 - 32713
DATE 09/07/07
DRW HCUSR8228 07250058
HC-ENG CC/AP
SEQN - 47997
FROM AH
JRF - 1TA08228202

ALPINE
 ITW Building Components Group, Inc.
 Gaines City, FL 33844
 Tel: 813-381-1111
 Fax: 813-381-1111

WARNING TRUSSES BEING RE-ENGINEERED ARE TO BE FABRICATED BY THE TRUSS MANUFACTURER AND NOT BY THE CONTRACTOR. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY VARIATION FROM THIS DESIGN. ANY FAILURE OR DAMAGE TO THE TRUSS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION, MAINTENANCE, AND REPAIR OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CONNECTION OF THE TRUSS TO THE STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CONNECTION OF THE TRUSS TO THE STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CONNECTION OF THE TRUSS TO THE STRUCTURE.



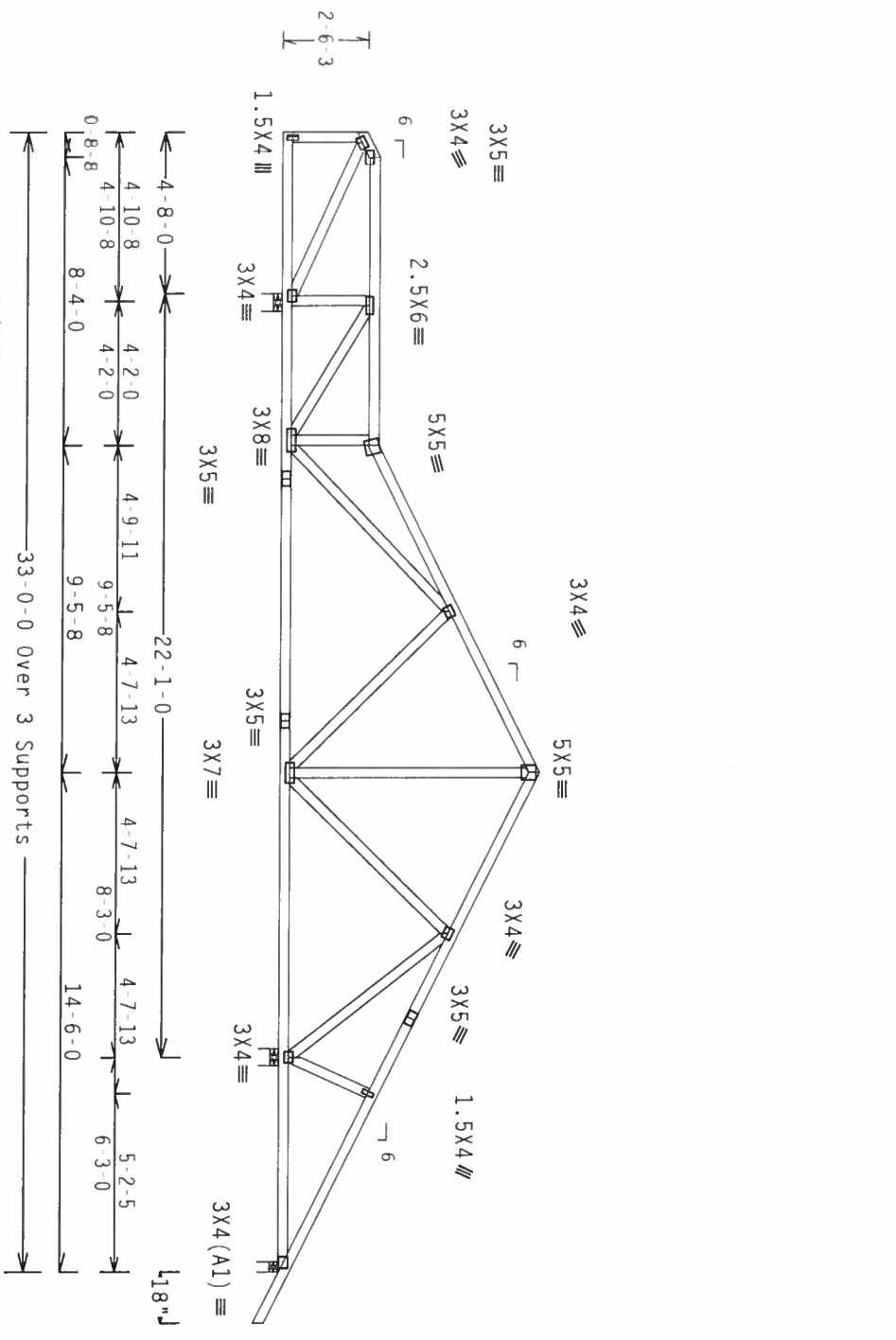
TOT.LD.	40.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

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

Left end vertical not exposed to wind pressure.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Iw=1.00 Gcp1(+/-)=0.55
 Wind reactions based on MWFRS pressures.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.0424.10

QTY: 1

FL/-/4/-/R/-

Scale = .1875"/ft.

TC LL	20.0 PSF	REF R8228- 32714
TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUSR8228 07250059
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEON- 48023
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JRFF- 1TAJ8228Z02

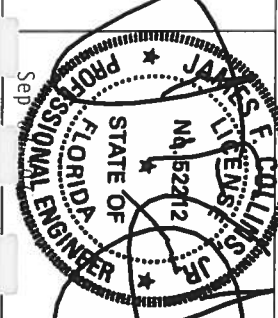
ALPINE

ITW Building Components Group, Inc.
 Haines City, FL 33844

****WARNING**** BUYER: ACQUIRE EXERCISE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI (INCLUDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (GOOD BUSS. CONDUCT. OF AMERICA, 500 ENTERPRISE LANE, HANOVER, NJ 07741) FOR SAFETY PRACTICES PRIOR TO PROMISING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FINISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THE SMALL, NOT BE RESPONSIBLE FOR ANY REVISIONS FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE BCG, THE SMALL, NOT BE RESPONSIBLE FOR ANY REVISIONS FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

DESIGNER: JAMES E. COLLINS, JR., PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NO. 52212



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

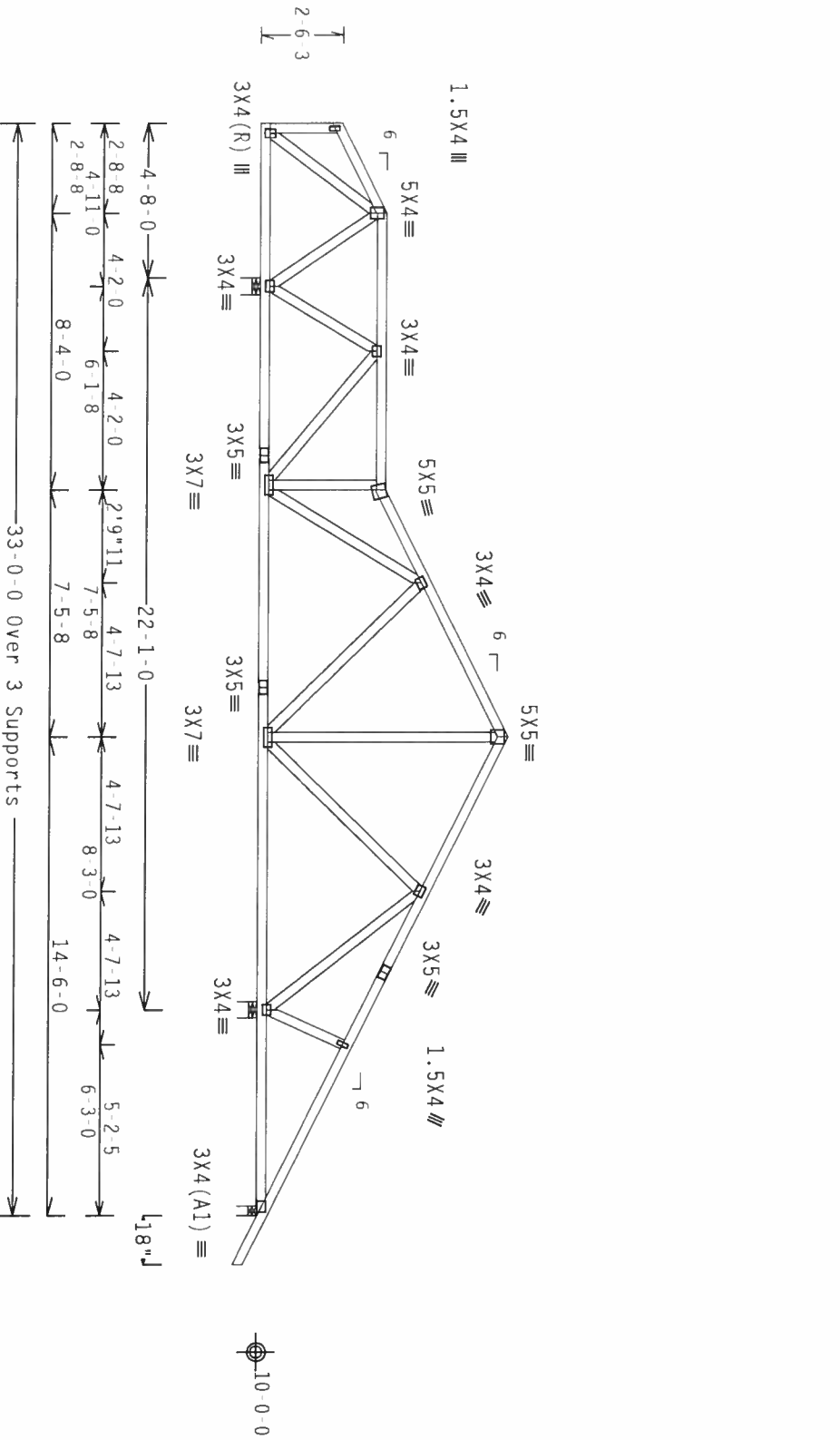
Left end vertical not exposed to wind pressure.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w = 1.00$ $G_{cp}(+/-) = 0.55$

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.36.0424

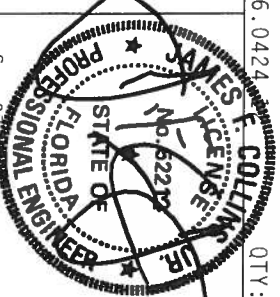
QTY: 1

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

Scale = .1875"/ft.

****WARNING**** BRUSSES RIGID AT EXTREME END IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. REFER TO DCSE (BUILDING CONSTRUCTION SAFETY INFORMATION), PUBLISHED BY THE BRUSS PLATE INSTITUTE, 218 NORTH WEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WEA (WOOD TRUSS COUNCIL OF AMERICA, UNDERSTANDING TRUSS FABRICATION, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TASKS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** DESIGNER'S RESPONSIBILITY TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE STRUCTURE OR TO THE PERSONNEL OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER BRACING OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CONNECTION OF THE TRUSS TO THE WALLS AND CEILING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CONNECTION OF THE TRUSS TO THE WALLS AND CEILING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER CONNECTION OF THE TRUSS TO THE WALLS AND CEILING.



TC LL	20.0 PSF	REF	R8228- 32715
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250060
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEON-	48017
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TA038228202

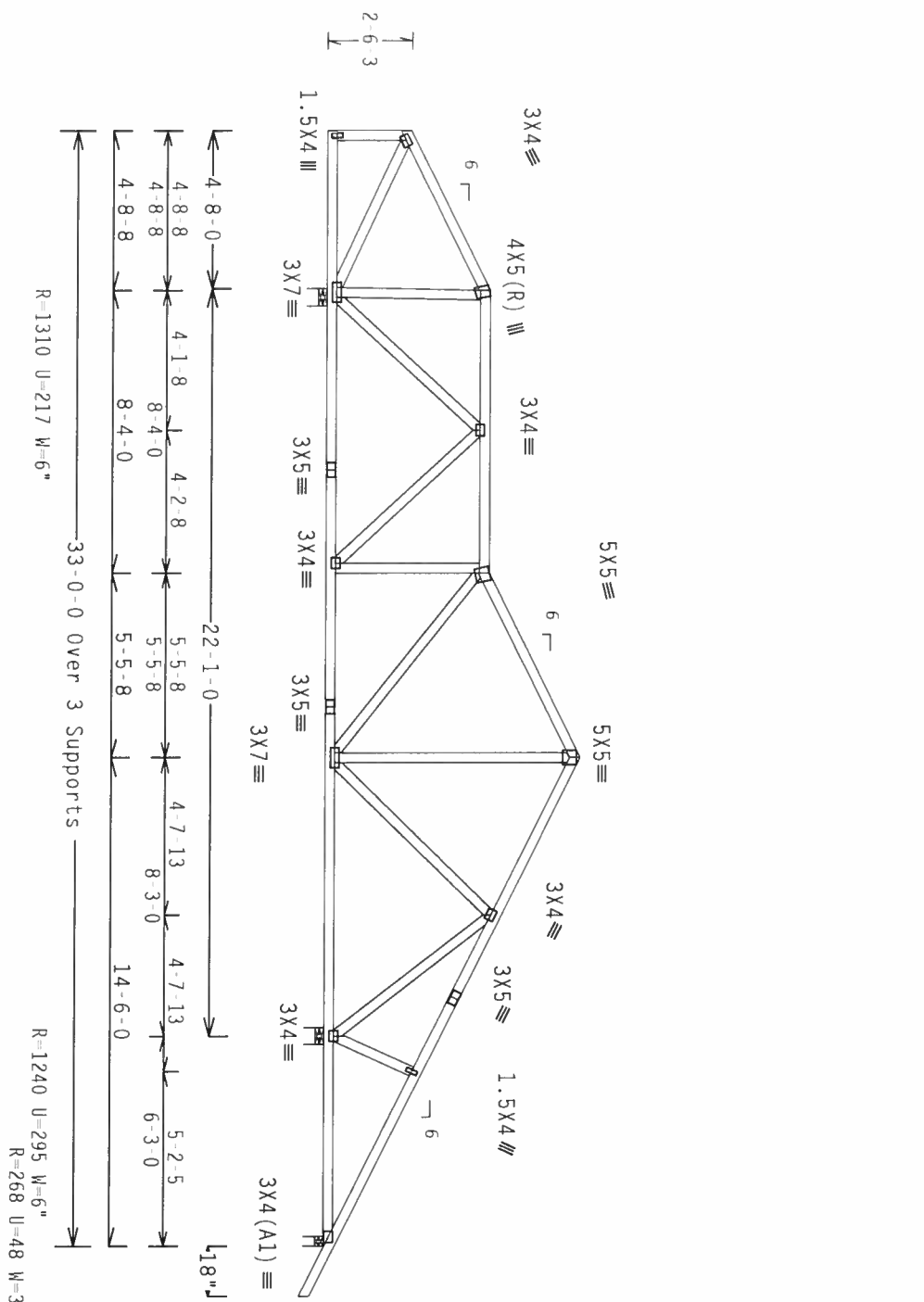
ITW Building Components Group, Inc.
Haines City, FL 33844
P.O. Box 1111
Haines City, FL 33844
Phone: 888.753.8844
Fax: 888.753.8844

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

Left end vertical not exposed to wind pressure.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Iw=1.00 Gcpl(+/-)=0.55
 Wind reactions based on MWFRS pressures.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

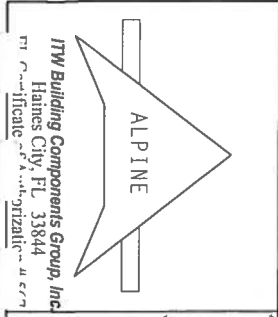
Design Crit: TPI-2002(STD)/FBC
 Cq/Rt=1.00(1.25)/0(0)

7.36.0424.12

QTY: 1

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

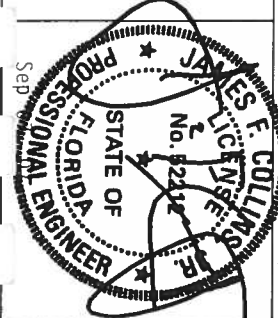
Scale = .1875"/ft.



ITW Building Components Group, Inc.
 Haines City, FL 33844
 m...@itw.com
 888.242.2424

****WARNING**** TRUSSES REQUIRE EXTERIOR COR. IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALTER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION) - published by TPI TRUSS PLAT INST. 219 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22319 AND WPCA (WOOD PAISS. COUNCIL OF AMERICA) 6000 FORT BRIDGE 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH TPI: OR FABRICATION, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. BY ACPA) AND TPI. THE BCG DESIGN ENGINEERS WITH APPLICABLE PROVISIONS OF 2003 QUALITY DESIGN SPEC. BY ACPA) AND TPI. THE BCG FORMS TO LISTS ARE MADE OF 20/10/10 (W/1/55) ASH AND GRADE 40/60 (W/ R/H:55) GALV. STEEL. APPLY FORMS TO LISTS ARE MADE OF 20/10/10 (W/1/55) ASH AND GRADE 40/60 (W/ R/H:55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOEED BY ACCESS THROUGHOUT THE TRUSS FOR THE TRUSS DESIGNER DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SCALE FOR THE TRUSS DESIGNER 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.



TC LL	20.0 PSF	REF	R8228- 32716
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCSR8228 07250061
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEON-	48041
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	REF-	ITAJ8228Z02

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

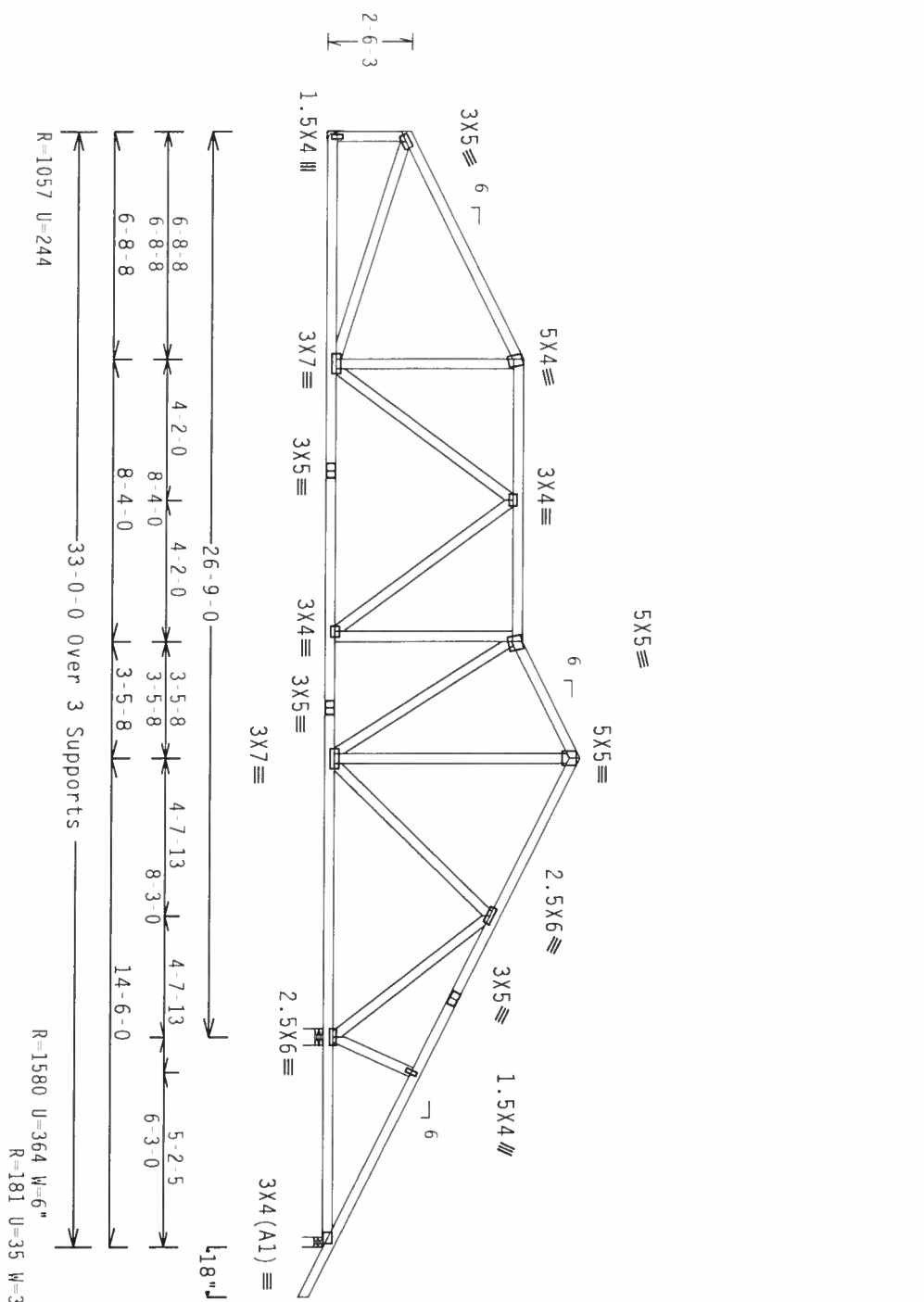
Left end vertical not exposed to wind pressure.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Iw=1.00 Gcpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.0424.19

QTY: 1

FL/-/4/-/R/-

Scale = .1875"/ft.

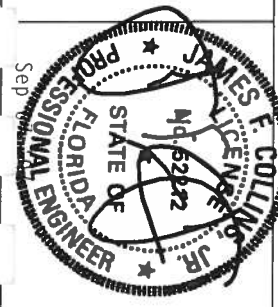
ALPINE

ITW Building Components Group, Inc.
 Haines City, FL 33844
 888-447-4474

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILT USING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PANEL DESIGNER, 6000 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND NICK (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE LANE, HUNTSVILLE, AL 35719) 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**** OBTAIN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 905 (QUALITY DESIGN SPEC. BY ACPA) AND TPI. THE BCG DESIGNER'S NAME AND BUSINESS ADDRESS SHALL BE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS TYPON 2. ANY INSPECTION OF PLATES LOCATED BY T1 SHALL BE CONDUCTED ON THIS DESIGN. POSITION PER DRAWINGS TYPON 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS CONSTRUCTOR SHALL BE RESPONSIBLE FOR THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

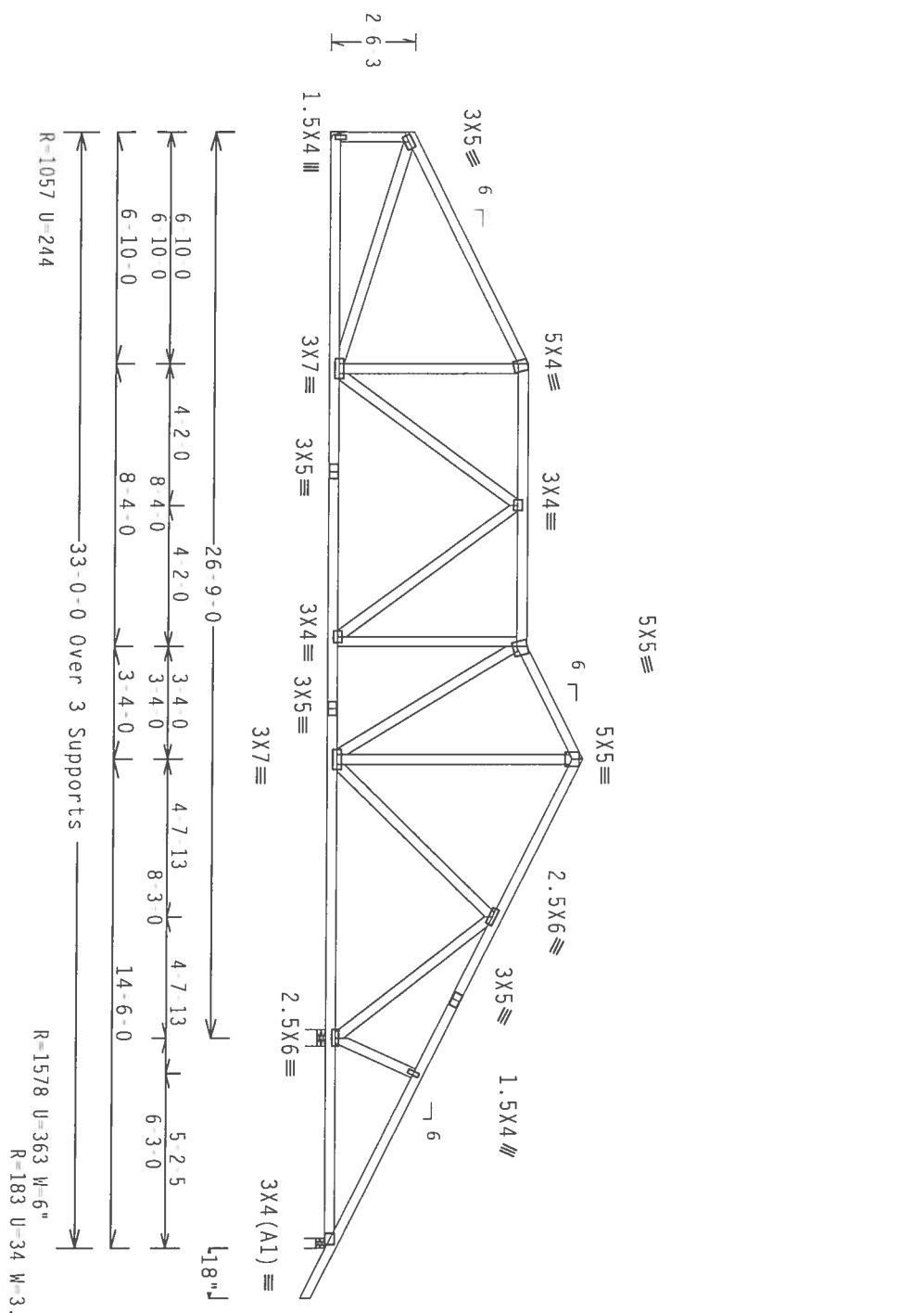


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TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCSR8228 07250062
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	48051
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	ITA08228Z02

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

Left end vertical not exposed to wind pressure.
 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. $I_w=1.00$ $G_{cpl}(+/-)=0.55$
 Wind reactions based on MMFRS pressures.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.0424

QTY: 1 FL/-/4/-/R/-

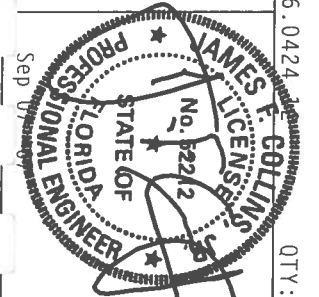
Scale = .1875"/ft.

ALPINE

ITW Building Components Group, Inc.
 Haines City, FL 33844

****WARNING**** ISSUES RELIANT EXTERIOR CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WICK (WOOD TRUSS CONSULT OF AMERICA, 6300 ENTERPRISE LANE, HANSON, MI 48719) FOR SAFETY PRACTICES FOR 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 REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO HOLD THE TRUSS IN CONFORMANCE WITH DESIGN CONDITIONS. HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES BY AERIAL AND TPI. THE REG. COMPANY PLATES ARE MADE OF 20/24 ALUMINUM OR 6061 T3 ALUMINUM PER AIAA 101.1. STEEL: APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED PER DRAWING SECTION 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



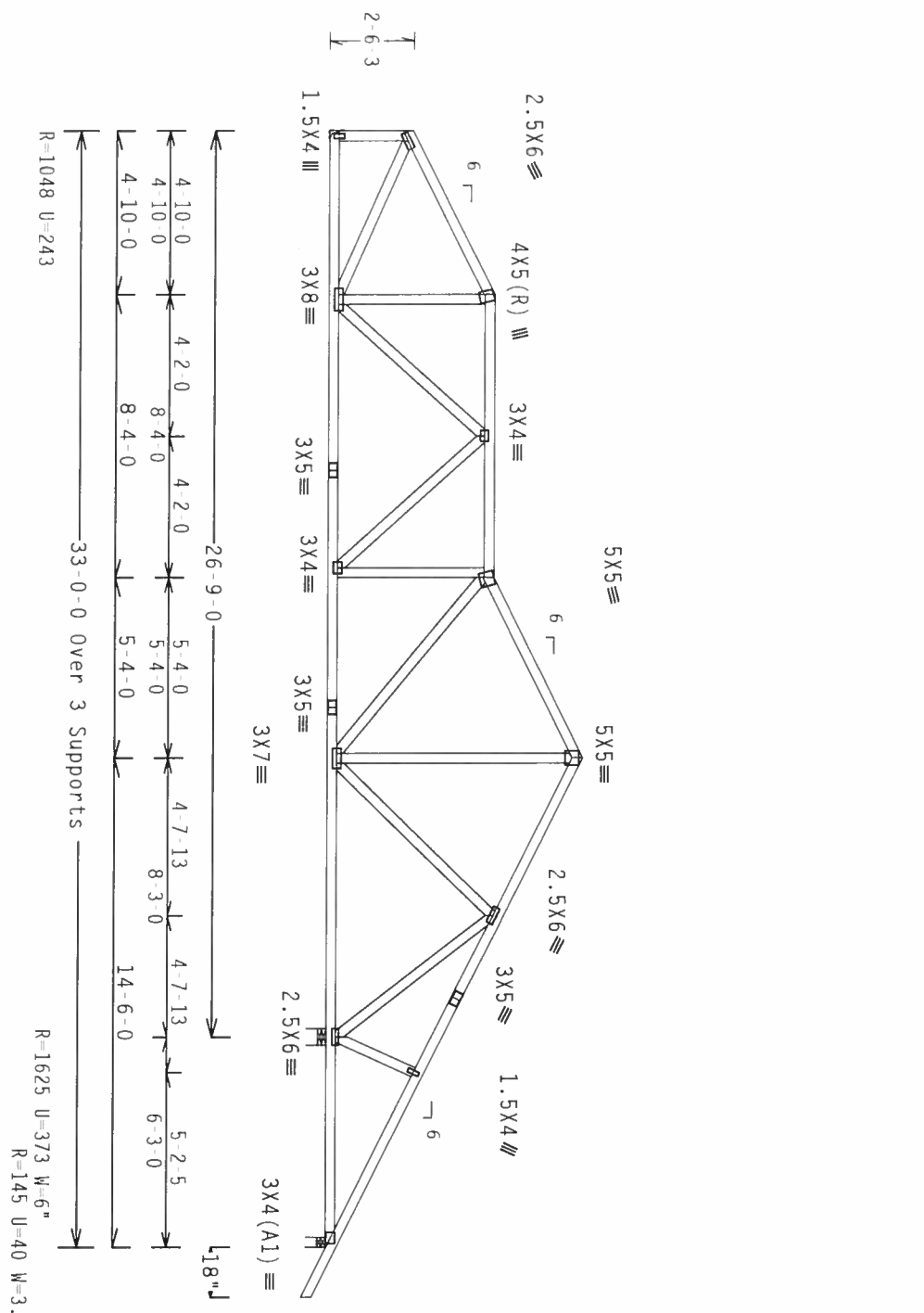
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TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUSR8228 07250063
BC LL	0.0 PSF	HC-ENG CC/AP
TOT. LD.	40.0 PSF	SEON-48058
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF-1TA08228202

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

Left end vertical not exposed to wind pressure.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. $I_w=1.00$ $G_{cp1}(+/-)=0.55$
Wind reactions based on MFRS pressures.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

7.36.0424

OTY: 1

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

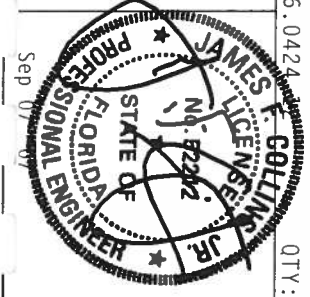
Scale = .1875"/ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844

IMPORTANT: BUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE QUALITY CONTROL SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE IN TITLE, 218 NORTH LIFE'S BLDG., SUITE 312, ALEXANDRIA, VA, 22314 AND BY A WOOD TRUSS COUNCIL OF AMERICA, 6300 ERIE STREET, FARMINGTON, CT 06031 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE OR BUILDING IN COMPLIANCE WITH THE DESIGN. FOR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF BUSES. THE BCG CONNECTION PLATES ARE MADE OF STEEL. PROVISIONS FOR HOLES (GALVANNEAL OR ALUMINUM) AND THE BCG CONNECTION PLATES ARE MADE OF STEEL. PROVISIONS FOR HOLES (GALVANNEAL OR ALUMINUM) ARE APPLIED TO EACH FACE OF PLATES AND UNLESS OTHERWISE INDICATED BY (1) SMALL OR PER NUMBER AS OF THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY FOR THE DESIGN SHOWN. THE STABILITY 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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TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250064
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	48064
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	ITA8228Z02

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

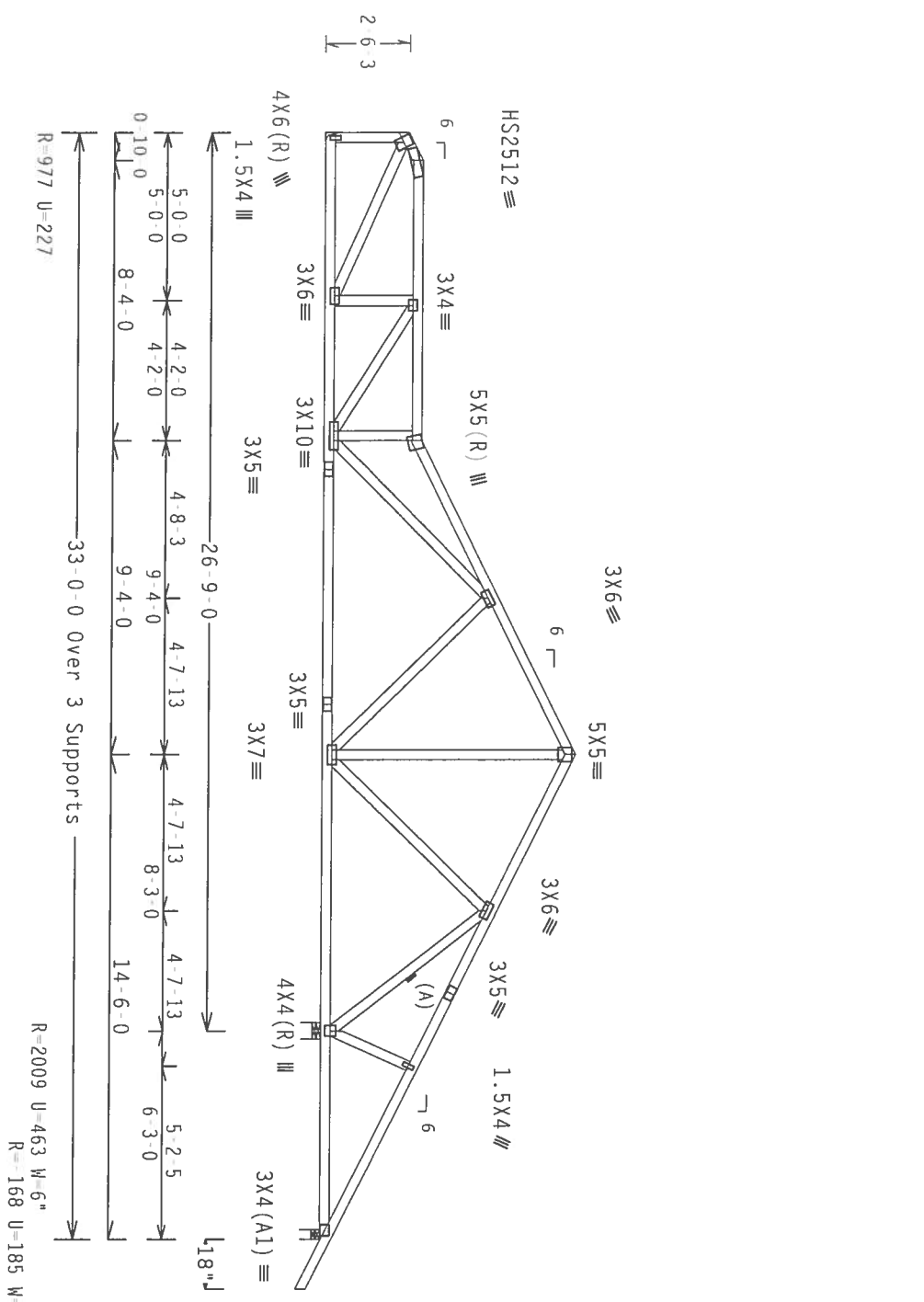
Left end vertical not exposed to wind pressure.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. $I_w=1.00$ $G_{CPI}(+/-)=0.55$

Wind reactions based on MFERS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. 20 Gauge HS, Wave

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

7.36.0424

QTY: 1

FL/-/4/-/R/-

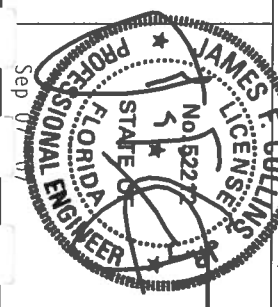
Scale = .1875"/ft.

ALPINE

ITW Building Components Group, Inc.
 Haines City, FL 33844

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY PROGRAM), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 200 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WICK 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. BY AIRMAIL AND TPI. THE BCG COMPANY SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS, TOGA-2 ANY DEVIATION OF PLATES FOLLOWED BY (1) SMALL DEVIATION OF 20% OR LESS. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. STUDY 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	R8228- 32721
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUR8228 07250066
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEQN	48083
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	DRWF	ITA08228Z02

Top Chord 2x6 SP #2
 Bot Chord 2x6 SP #2
 Webs 2x4 SP #3

SPECIAL LOADS

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

TC - From	60 PLF at 0.00 to	60 PLF at 19.33
BC - From	20 PLF at 0.00 to	20 PLF at 2.50
BC - From	20 PLF at 2.50 to	20 PLF at 14.00
BC - From	20 PLF at 14.00 to	20 PLF at 19.33
PLT - 120 LB Conc.	Load at (0.06,11.81)	(15.52,11.81), (17.52,11.81)
PLT - 187 LB Conc.	Load at (1.52,11.81)	(5.52,11.81), (7.52,11.81)
PLT - 208 LB Conc.	Load at (3.52,11.81)	(13.52,11.81)
PLB - 120 LB Conc.	Load at (0.06,8.04)	(15.52,8.04), (17.52,8.04)
PLB - 82 LB Conc.	Load at (1.52,8.04)	(5.52,8.04), (7.52,8.04)
PLB - 61 LB Conc.	Load at (3.52,9.04)	(11.52,9.04), (13.52,9.04)

Truss must be installed as shown with top chord up.

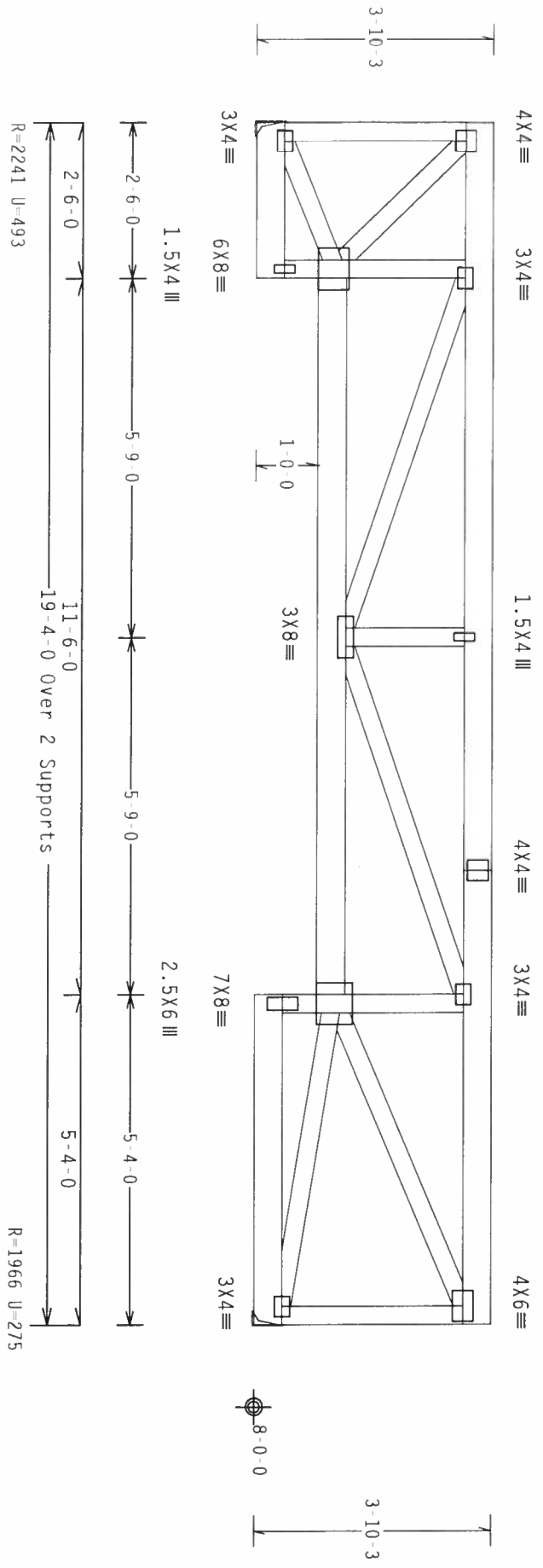
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25",_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. Iw=1.00 Gcpf(+/-)=0.18
 Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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



PLT TYP. Wave

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

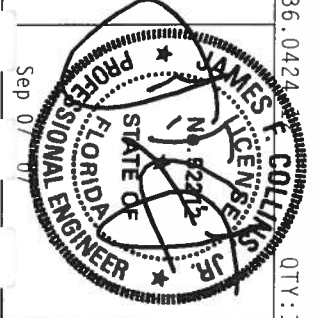
7.36.0424

QTY: 1 FL/-/4/-/-/R/-

Scale = .375"/ft.

****WARNING**** TRUSSES RETURN EXISTING CAR IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCSI CONSULTING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (GRASS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICKA GOOD TRUSS COMPANY OF AMERICA, 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. TIV BCG, 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 AND BRACING OF TRUSSES. BY ARCHD AND TPI. TIV BCG DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF 2005 QUALITY DESIGN SPEC. BY ARCHD AND TPI. TIV BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (E+H/S/S/S) ASH/ASA GRADE 40/60 (E+H/S/S) GALV. STEEL. APPLY ANY INSPECTION OF ALL PARTS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF ALL PARTS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. DRAWING INDICATES THE STABILITY 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	R8228- 32724
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUR8228 07250078
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	47932
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	ITA08228Z02

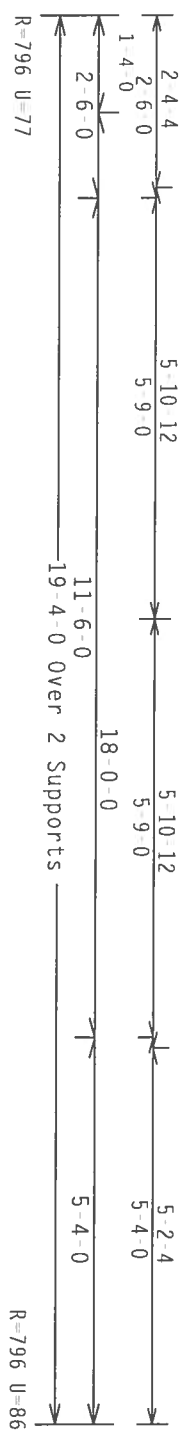
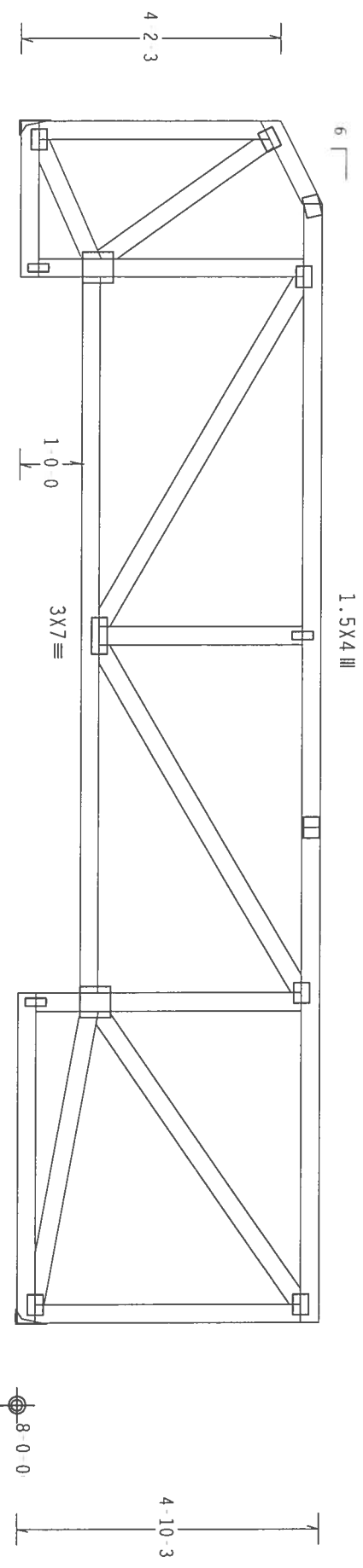
TIV Building Components Group, Inc
 Haines City, FL 33844
 Tel: 888-888-8888

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

End verticals not exposed to wind pressure.

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

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. $I_w=1.00$ $G_{cpl}(+/-)=0.18$
 Wind reactions based on MFRS pressures.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 3x4 Except As Shown.

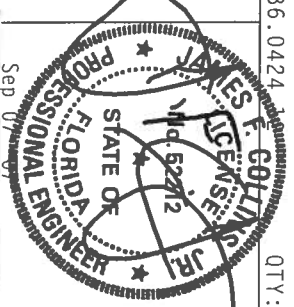
PLT TYP. Wave Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/0(0)

7.36.0424 QTY: 1 FL/-/4/-/R/- Scale = .375"/ft.

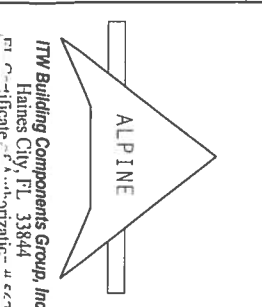
****WARNING**** BUYERS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS INSTITUTE, 218 NORTH LEE STREET, SUITE 112, ALEXANDRIA, VA. 22314) AND NICK (6000 TRUSS CONCEPT OF AMERICA, 6200 COLUMBIAN BLVD., SUITE 100, WASHINGTON, DC 20044) 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING SPECIFICATIONS OF THIS QUALITY DESIGN SPEC. BY AGENCY AND TPI CONNECTIONS SHALL BE MADE TO THE TPI TRUSS INSTITUTE, 218 NORTH LEE STREET, SUITE 112, ALEXANDRIA, VA. 22314) AND NICK (6000 TRUSS CONCEPT OF AMERICA, 6200 COLUMBIAN BLVD., SUITE 100, WASHINGTON, DC 20044) 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.

ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING SPECIFICATIONS OF THIS QUALITY DESIGN SPEC. BY AGENCY AND TPI CONNECTIONS SHALL BE MADE TO THE TPI TRUSS INSTITUTE, 218 NORTH LEE STREET, SUITE 112, ALEXANDRIA, VA. 22314) AND NICK (6000 TRUSS CONCEPT OF AMERICA, 6200 COLUMBIAN BLVD., SUITE 100, WASHINGTON, DC 20044) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



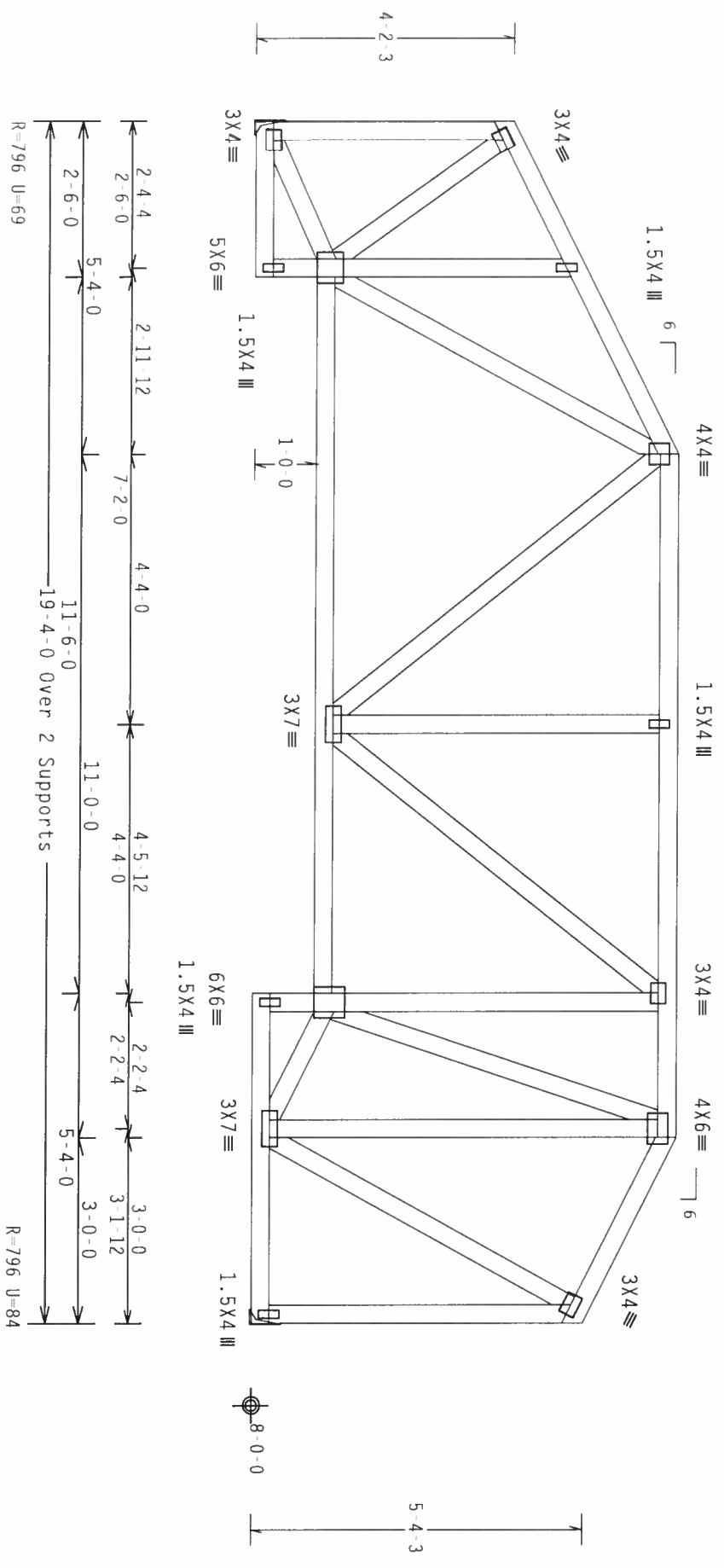
TC LL	20.0 PSF	REF	R8228-32725
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUR8228 07250085
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SECON-	47939
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	ITA98228Z02



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

End verticals not exposed to wind pressure.
 In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT I, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ Gcpl(+/-)=0.18
 Wind reactions based on MWFRS pressures.
 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

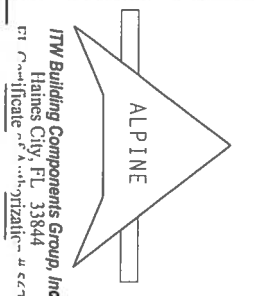


PLT TYP. Wave

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

7.36.0424 QTY: 1 FL/-/4/-/R/-

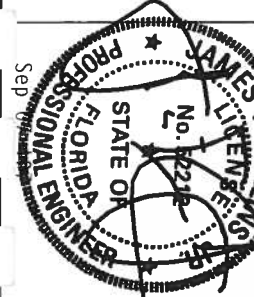
Scale = .375" /ft.



ITW Building Components Group, Inc.
 Haines City, FL 33844
 888-444-4444

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION. PROVIDED BY TPI (TRUSS PANEL INSTITUTE), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314-4000. TRUSS COMPANY OF AMERICA, 6300 ENTERPRISE LANE, HANOTSON, MI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THE ST. 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 BCG, 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. BY ACPA) AND TPI. THE BCG DESIGN COMBINES WITH APPLICABLE PROVISIONS OF 905 (ADDITIONAL DESIGN SPEC. BY ACPA) AND TPI. THE BCG CONNECTION DETAILS ARE MADE OF 20/10/10/10 (4.0/1/5/5/5) ASTM A653 GRADE 40/60 (4.0 R/1/5/5) GALV. STEEL. APPLY ANY INSPECTION OF TRUSSES TEST ONLY. UNLESS OTHERWISE SPECIFIED FOR THIS DESIGN, POSITION PER DRAWINGS TOWN Z. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING AS A CONDITION FOR THE TRUSS COMPANY OF AMERICA. 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	R8228 - 32727
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCSUR8228 07250070
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	47952
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	ITA08228Z02

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

End verticals not exposed to wind pressure.

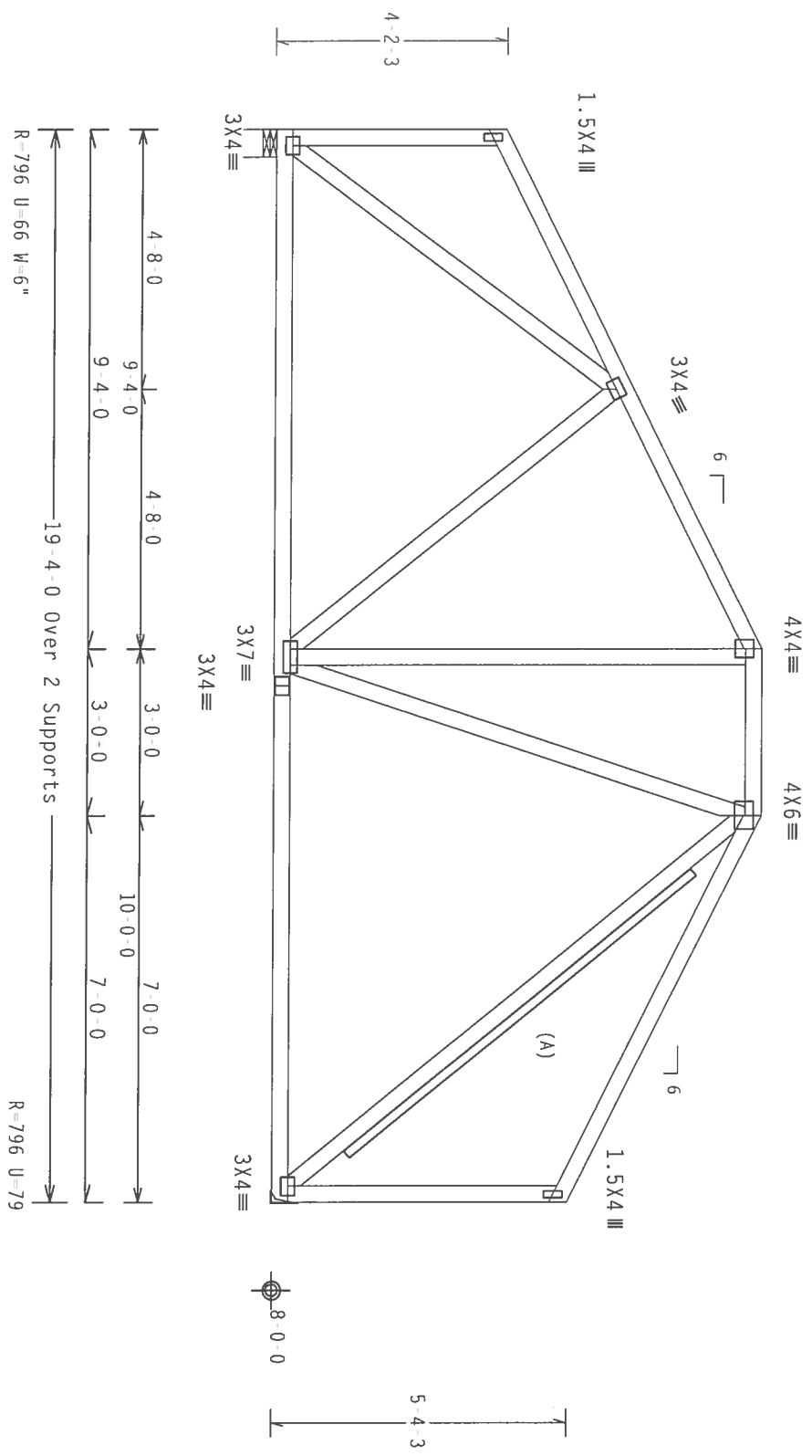
(A) 2x6 #3 or better "T" brace, 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. $I_w=1.00$ $G_{cpl}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave

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

7.36.042

QTY: 1 FL/-/4/-/R/-

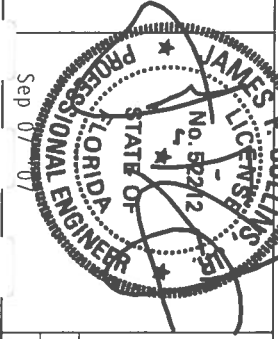
Scale = .3125"/ft.

ALPINE

ITW Building Components Group, Inc.
 Haines City, FL 33884
 P1 Certificate of Authorization # 67

****WARNING**** TRUSSERS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN BUILDING CONTRACTOR SAFETY INFORMATION. PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH HEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WICK (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.

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TC LL	20.0 PSF	REF	R8228-32729
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250072
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEQN-	47964
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	ITA08228202

Top chord 2x4 SP #2 Dense :T2, T3 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, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $GCP1(+/-)=0.18$

Wind reactions based on MWFRS pressures.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

SPECIAL LOADS

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

TC - From	DUR.FAC.	PLATE DUR.FAC.
62 PLF at 1.50 to 3.00	1.25	1.25
62 PLF at 3.00 to 6.00	1.25	1.25
62 PLF at 6.00 to 9.00	1.25	1.25
62 PLF at 9.00 to 12.00	1.25	1.25
62 PLF at 12.00 to 15.00	1.25	1.25
62 PLF at 15.00 to 18.00	1.25	1.25
62 PLF at 18.00 to 21.00	1.25	1.25
62 PLF at 21.00 to 24.00	1.25	1.25
62 PLF at 24.00 to 27.00	1.25	1.25
62 PLF at 27.00 to 30.00	1.25	1.25
62 PLF at 30.00 to 33.00	1.25	1.25
62 PLF at 33.00 to 36.00	1.25	1.25
62 PLF at 36.00 to 39.00	1.25	1.25
62 PLF at 39.00 to 42.00	1.25	1.25
62 PLF at 42.00 to 45.00	1.25	1.25
62 PLF at 45.00 to 48.00	1.25	1.25
62 PLF at 48.00 to 51.00	1.25	1.25
62 PLF at 51.00 to 54.00	1.25	1.25
62 PLF at 54.00 to 57.00	1.25	1.25
62 PLF at 57.00 to 60.00	1.25	1.25
62 PLF at 60.00 to 63.00	1.25	1.25
62 PLF at 63.00 to 66.00	1.25	1.25
62 PLF at 66.00 to 69.00	1.25	1.25
62 PLF at 69.00 to 72.00	1.25	1.25
62 PLF at 72.00 to 75.00	1.25	1.25
62 PLF at 75.00 to 78.00	1.25	1.25
62 PLF at 78.00 to 81.00	1.25	1.25
62 PLF at 81.00 to 84.00	1.25	1.25
62 PLF at 84.00 to 87.00	1.25	1.25
62 PLF at 87.00 to 90.00	1.25	1.25
62 PLF at 90.00 to 93.00	1.25	1.25
62 PLF at 93.00 to 96.00	1.25	1.25
62 PLF at 96.00 to 99.00	1.25	1.25
62 PLF at 99.00 to 102.00	1.25	1.25
62 PLF at 102.00 to 105.00	1.25	1.25
62 PLF at 105.00 to 108.00	1.25	1.25
62 PLF at 108.00 to 111.00	1.25	1.25
62 PLF at 111.00 to 114.00	1.25	1.25
62 PLF at 114.00 to 117.00	1.25	1.25
62 PLF at 117.00 to 120.00	1.25	1.25
62 PLF at 120.00 to 123.00	1.25	1.25
62 PLF at 123.00 to 126.00	1.25	1.25
62 PLF at 126.00 to 129.00	1.25	1.25
62 PLF at 129.00 to 132.00	1.25	1.25
62 PLF at 132.00 to 135.00	1.25	1.25
62 PLF at 135.00 to 138.00	1.25	1.25
62 PLF at 138.00 to 141.00	1.25	1.25
62 PLF at 141.00 to 144.00	1.25	1.25
62 PLF at 144.00 to 147.00	1.25	1.25
62 PLF at 147.00 to 150.00	1.25	1.25
62 PLF at 150.00 to 153.00	1.25	1.25
62 PLF at 153.00 to 156.00	1.25	1.25
62 PLF at 156.00 to 159.00	1.25	1.25
62 PLF at 159.00 to 162.00	1.25	1.25
62 PLF at 162.00 to 165.00	1.25	1.25
62 PLF at 165.00 to 168.00	1.25	1.25
62 PLF at 168.00 to 171.00	1.25	1.25
62 PLF at 171.00 to 174.00	1.25	1.25
62 PLF at 174.00 to 177.00	1.25	1.25
62 PLF at 177.00 to 180.00	1.25	1.25
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62 PLF at 186.00 to 189.00	1.25	1.25
62 PLF at 189.00 to 192.00	1.25	1.25
62 PLF at 192.00 to 195.00	1.25	1.25
62 PLF at 195.00 to 198.00	1.25	1.25
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62 PLF at 201.00 to 204.00	1.25	1.25
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62 PLF at 207.00 to 210.00	1.25	1.25
62 PLF at 210.00 to 213.00	1.25	1.25
62 PLF at 213.00 to 216.00	1.25	1.25
62 PLF at 216.00 to 219.00	1.25	1.25
62 PLF at 219.00 to 222.00	1.25	1.25
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62 PLF at 237.00 to 240.00	1.25	1.25
62 PLF at 240.00 to 243.00	1.25	1.25
62 PLF at 243.00 to 246.00	1.25	1.25
62 PLF at 246.00 to 249.00	1.25	1.25
62 PLF at 249.00 to 252.00	1.25	1.25
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62 PLF at 411.00 to 414.00	1.25	1.25
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62 PLF at 435.00 to 438.00	1.25	1.25
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62 PLF at 441.00 to 444.00	1.25	1.25
62 PLF at 444.00 to 447.00	1.25	1.25
62 PLF at 447.00 to 450.00	1.25	1.25
62 PLF at 450.00 to 453.00	1.25	1.25
62 PLF at 453.00 to 456.00	1.25	1.25
62 PLF at 456.00 to 459.00	1.25	1.25
62 PLF at 459.00 to 462.00	1.25	1.25
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62 PLF at 507.00 to 510.00	1.25	1.25
62 PLF at 510.00 to 513.00	1.25	1.25
62 PLF at 513.00 to 516.00	1.25	1.25
62 PLF at 516.00 to 519.00	1.25	1.25
62 PLF at 519.00 to 522.00	1.25	1.25
62 PLF at 522.00 to 525.00	1.25	1.25
62 PLF at 525.00 to 528.00	1.25	1.25
62 PLF at 528.00 to 531.00	1.25	1.25
62 PLF at 531.00 to 534.00	1.25	1.25
62 PLF at 534.00 to 537.00	1.25	1.25
62 PLF at 537.00 to 540.00	1.25	1.25
62 PLF at 540.00 to 543.00	1.25	1.25
62 PLF at 543.00 to 546.00	1.25	1.25
62 PLF at 546.00 to 549.00	1.25	1.25
62 PLF at 549.00 to 552.00	1.25	1.25
62 PLF at 552.00 to 555.00	1.25	1.25
62 PLF at 555.00 to 558.00	1.25	1.25
62 PLF at 558.00 to 561.00	1.25	1.25
62 PLF at 561.00 to 564.00	1.25	1.25
62 PLF at 564.00 to 567.00	1.25	1.25
62 PLF at 567.00 to 570.00	1.25	1.25
62 PLF at 570.00 to 573.00	1.25	1.25
62 PLF at 573.00 to 576.00	1.25	1.25
62 PLF at 576.00 to 579.00	1.25	1.25
62 PLF at 579.00 to 582.00	1.25	1.25
62 PLF at 582.00 to 585.00	1.25	1.25
62 PLF at 585.00 to 588.00	1.25	1.25
62 PLF at 588.00 to 591.00	1.25	1.25
62 PLF at 591.00 to 594.00	1.25	1.25
62 PLF at 594.00 to 597.00	1.25	1.25
62 PLF at 597.00 to 600.00	1.25	1.25
62 PLF at 600.00 to 603.00	1.25	1.25
62 PLF at 603.00 to 606.00	1.25	1.25
62 PLF at 606.00 to 609.00	1.25	1.25
62 PLF at 609.00 to 612.00	1.25	1.25
62 PLF at 612.00 to 615.00	1.25	1.25
62 PLF at 615.00 to 618.00	1.25	1.25
62 PLF at 618.00 to 621.00	1.25	1.25
62 PLF at 621.00 to 624.00	1.25	1.25
62 PLF at 624.00 to 627.00	1.25	1.25
62 PLF at 627.00 to 630.00	1.25	1.25
62 PLF at 630.00 to 633.00	1.25	1.25
62 PLF at 633.00 to 636.00	1.25	1.25
62 PLF at 636.00 to 639.00	1.25	1.25
62 PLF at 639.00 to 642.00	1.25	1.25
62 PLF at 642.00 to 645.00	1.25	1.25
62 PLF at 645.00 to 648.00	1.25	1.25
62 PLF at 648.00 to 651.00	1.25	1.25
62 PLF at 651.00 to 654.00	1.25	1.25
62 PLF at 654.00 to 657.00	1.25	1.25
62 PLF at 657.00 to 660.00	1.25	1.25
62 PLF at 660.00 to 663.00	1.25	1.25
62 PLF at 663.00 to 666.00	1.25	1.25
62 PLF at 666.00 to 669.00	1.25	1.25
62 PLF at 669.00 to 672.00	1.25	1.25
62 PLF at 672.00 to 675.00		

Top chord 2x4 SP #2 Dense : B2 2x6 SP #2:
 Bot chord 2x6 SP #1 Dense : W4 2x4 SP #2 Dense:
 Webs 2x4 SP #3 : W4 2x4 SP #2 Dense:

SPECIAL LOADS

TC - From	62 PLF at -1.50 to	62 PLF at 4.08
TC - From	62 PLF at 4.08 to	62 PLF at 20.25
TC - From	62 PLF at 20.25 to	62 PLF at 25.83
BC - From	4 PLF at -1.50 to	4 PLF at -0.00
BC - From	20 PLF at -0.00 to	20 PLF at 24.33
BC - From	4 PLF at 24.33 to	4 PLF at 25.83
BC -	841 LB Conc. Load at	1.23
BC -	966 LB Conc. Load at	3.23
BC -	977 LB Conc. Load at	5.23
BC -	1031 LB Conc. Load at	7.23
BC -	1048 LB Conc. Load at	9.23
BC -	1057 LB Conc. Load at	11.23, 13.23

2 COMPLETE TRUSSES REQUIRED

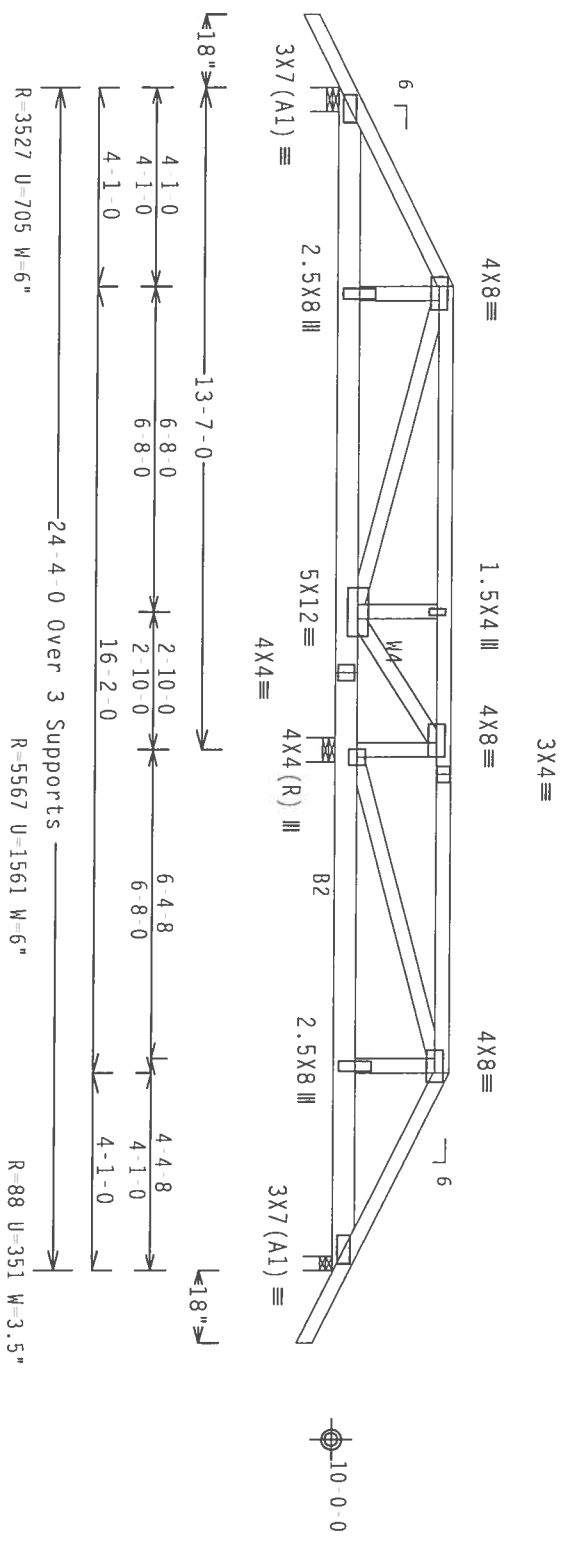
Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @6.50" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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. Iw=1.00 Gcpi(+/-)=0.18

Wind reactions based on MMFRS pressures.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.0424 QTY: 1 FL/-/4/-/1/-/R/-

Scale = .25" / Ft.

TC LL	20.0 PSF	REF R8228- 32731
TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUSR8228 07250080
BC LL	0.0 PSF	HC-ENG CC/AP
TOT. LD.	40.0 PSF	SEON- 48125
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TAJ8228Z02

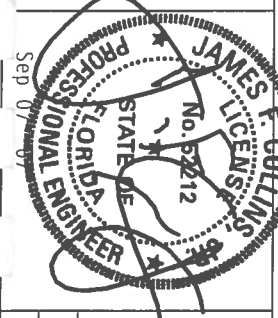
ALPINE

ITW Building Components Group, Inc.
 Haines City, FL 33844
 P.O. Box 1000, Haines City, FL 33844

****WARNING**** TRUSSES REQUIRE EXTERIOR CORN IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO DCSS BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI CROSS PLATE DISTRICT, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6000 ENTERPRISE LANE, HADISON, NJ 07719) 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THE BCG CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS AND PERMITS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THE BCG CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS AND PERMITS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THE BCG CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS AND PERMITS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THE BCG CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS AND PERMITS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES.

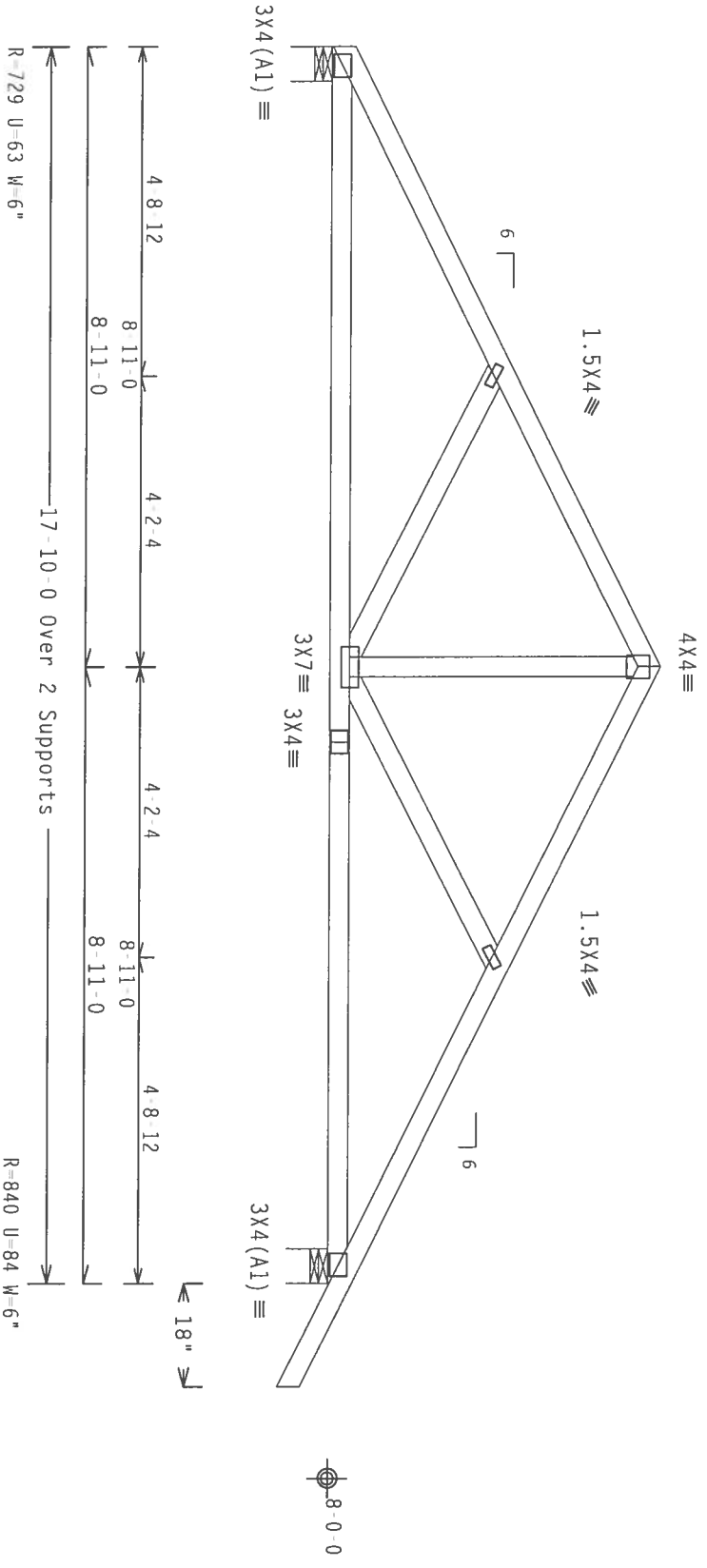


Top chord 2x4 Sp #2 Dense
 Bot chord 2x4 Sp #2 Dense
 Webs 2x4 Sp #3

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. Iw=1.00 Gcpl (+/-)=0.18

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

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

7.36.0424

QTY: 1

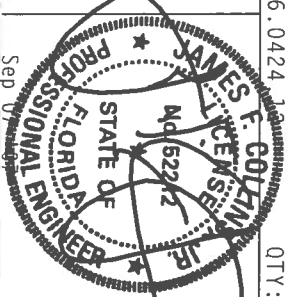
FL/-/4/-/1-/R/-

Scale = .375"/ft.

****WARNING**** TRUSS'S EXTERIOR SURFACES SHALL BE PROTECTED AGAINST WEATHERING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (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 STRIKE DUAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING. REFER TO BCSE (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 STRIKE DUAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ITW Building Components Group, Inc.
 Haines City, FL 33844
 P.O. Box 1000
 Haines City, FL 33844



TC LL	TC DL	BC DL	BC LL	TOT. LD.	DUR. FAC.	SPACING
20.0 PSF	10.0 PSF	10.0 PSF	0.0 PSF	40.0 PSF	1.25	24.0"
REF R8228-32732	DATE 09/07/07	DRW HCUSR8228 07250045	HC-ENG CC/AP	SEON- 47787	FROM AH	DREF- 1TAJ8228Z02

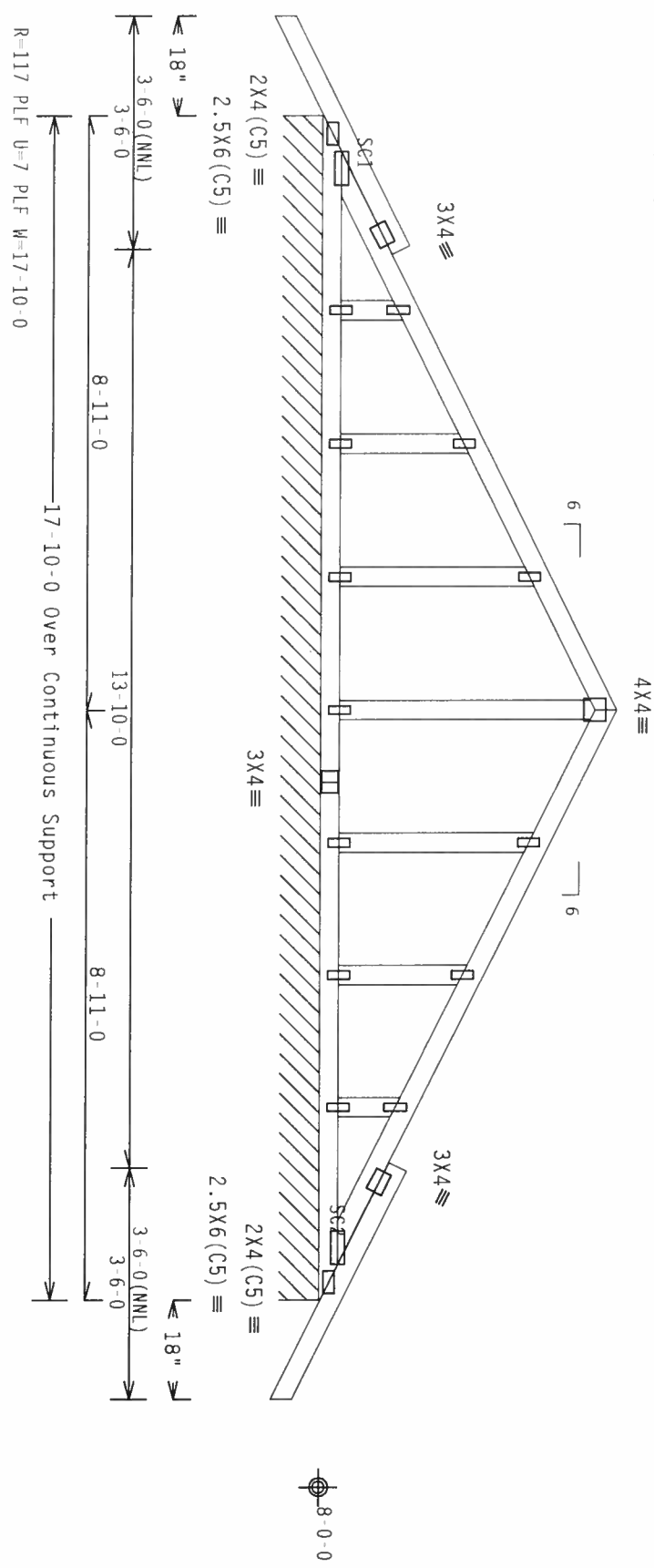
Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 : Stack Chord SC1 2x4 SP #2 Dense:
 : Stack Chord SC2 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-0-0 top chord
 outlookers. Cladding load shall not exceed 10.00 PSF. Top chord
 must not be cut or notched.

In lieu of structural panels use purtins to brace TC @ 24" OC.
 Deflection meets L/240 live and L/180 total load. Creep increase
 factor for dead load is 1.50.

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.

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. $I_w=1.00$ $Gcpl(+/-)=0.18$
 Wind reactions based on MWFRS pressures.
 See DWGS A11015EE0207 & GBLETTIN0207 for more requirements.
 Stacked top chord must NOT be notched or cut in area (NML).
 Dropped top chord braced at 24" o.c. intervals. Attach stacked
 top chord (SC) to dropped top chord in notchable area using 3x4
 tie plates 24" o.c. Center plate on stacked/dropped chord
 interface, plate length perpendicular to chord length. Splitce top
 chord in notchable area using 3x6.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

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

7.36.0424

OTY:1 FL/-/4/-/-/R/-

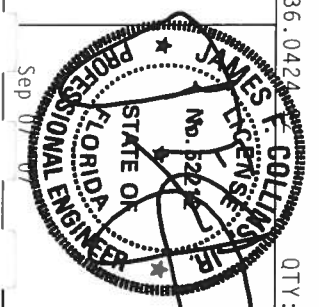
Scale = .375"/ft.

ALPINE

ITW Building Components Group, Inc
 Haines City, FL 33844
 P1 7-888-444-4444

****WARNING**** INSTRUCTIONS REQUIRE A TRUSS CONTRACTOR, HANDLING, SHIPPING, INSTALLING AND BRACING.
 RETIRED BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218
 NORTH ILE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK (800) TRUSS COUNCIL OF AMERICA, 6300
 ENTERPRISE LANE, MADISON, MI 48319 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 BCG, INC. SHALL NOT
 BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH
 THE, OR SUBSTITUTION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
 CONTRACTOR'S AND ARCHITECT'S PROFESSIONS OF THIS QUANTITATIVE DESIGN SPEC. BY AREA AND TPI.
 CONTRACTOR'S AND ARCHITECT'S PROFESSIONS OF THIS QUANTITATIVE DESIGN SPEC. BY AREA AND TPI.
 PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED BY AREA AND TPI.
 ANY IDENTIFICATION OF PLATES FOLLOWED BY (1) SHALL BE PERMITTED AS OF APRIL 2002, SEC. 2.
 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE ROOF 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	R8228- 32733
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250081
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEQN-	47792
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	UREF-	ITA08228202

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

SPECIAL LOADS

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

TC - From	62 PLF at 0.00 to	62 PLF at 8.92
TC - From	62 PLF at 8.92 to	62 PLF at 19.33
BC - From	20 PLF at 0.00 to	20 PLF at 17.83
BC - From	4 PLF at 17.83 to	4 PLF at 19.33
BC - From	796 LB Conc. Load at 0.77,	2.77, 4.77, 6.77, 8.77
BC - From	1966 LB Conc. Load at 10.71	

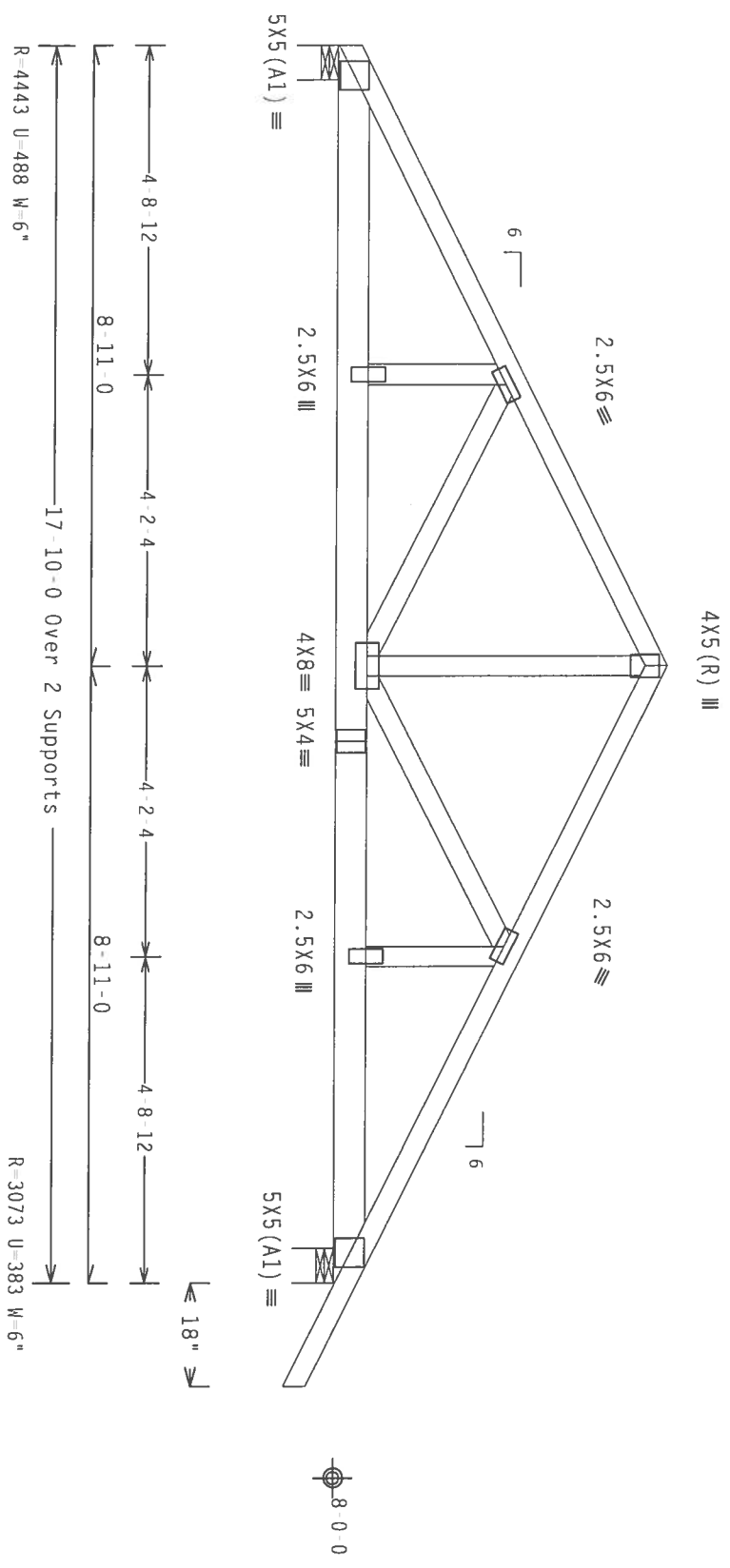
Wind reactions based on MWFRS pressures.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @5.50" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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. Iw=1.00 Gcpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

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

7.36.0424

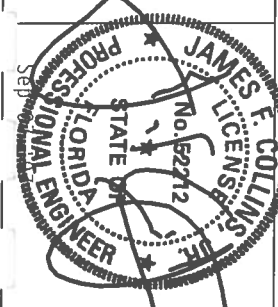
QTY: 1 FL/-/4/-/1/R/-

Scale = .375"/ft.

ITW Building Components Group, Inc.
 Haines City, FL 33844
 P1 888.444.4444

****WARNING**** TRUSSES REQUIRING EXTERNAL CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK (WOOD TRUSS COUNCIL OF AMERICA, 6200 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AUTHORITIES.



TC LL	20.0 PSF	REF R8228- 32734
TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUR8228 07250082
BC LL	0.0 PSF	HC-ENG CC/AP
TOT. LD.	40.0 PSF	SEON- 47922
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TAJ8228Z02

Top chord 2x4 SP #2 Dense
 Bot chord 2x6 SP #1 Dense : B2 2x6 SP #2:
 Webs 2x4 SP #3

SPECIAL LOADS

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
 TC - From 62 PLF at -1.50 to 62 PLF at 8.25
 TC - From 62 PLF at 8.25 to 62 PLF at 16.50
 BC - From 4 PLF at -1.50 to 4 PLF at 0.00
 BC - From 20 PLF at 0.00 to 20 PLF at 16.50
 BC - 2380 LB Conc. Load at 7.13
 BC - 1102 LB Conc. Load at 9.06, 11.06, 13.06, 15.06

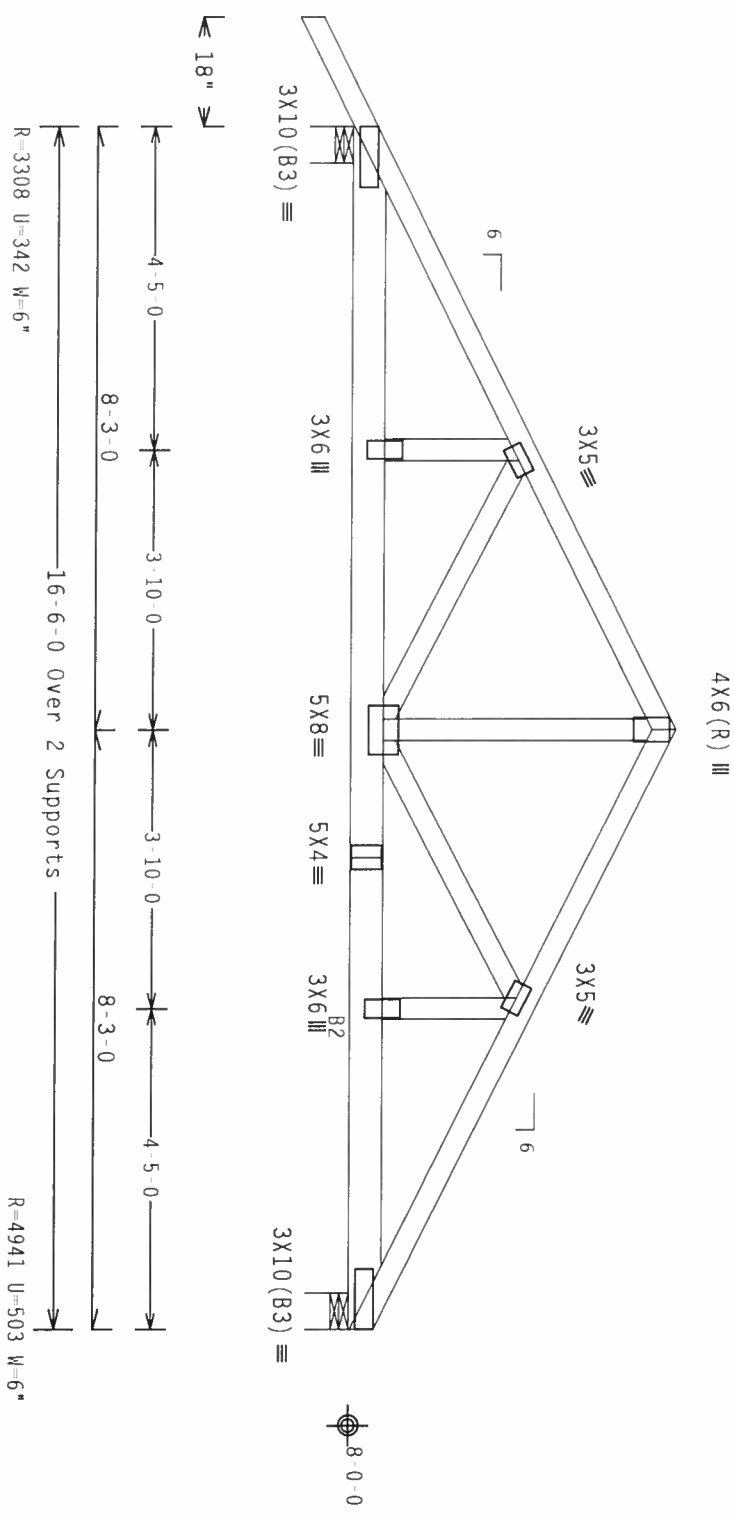
Wind reactions based on MWFRS pressures.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25",_min_)_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @4.50" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splittling.

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. Iw=1.00 GCPI(+/-)=0.18

Deflection meets L/240 live and L/180 total load. Creep increase
 factor for dead load is 1.50.



PLT TYP. Wave

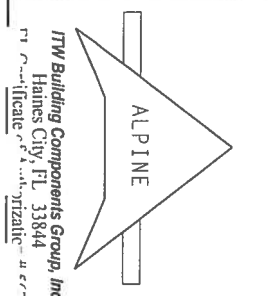
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/0(0)

7.36.0424

QTY: 1

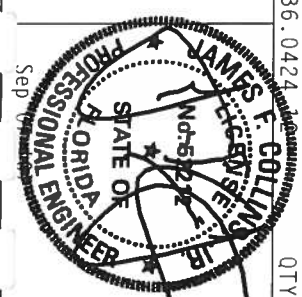
FL/-/4/-/R/-

Scale = .375"/ft.



ITW Building Components Group, Inc.
 Haines City, FL 33844
 888-448-7272
 www.alpinebuilding.com

****WARNING**** INDISSOLUBLE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE TRUSS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, APPROVALS, AND INSURANCE. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



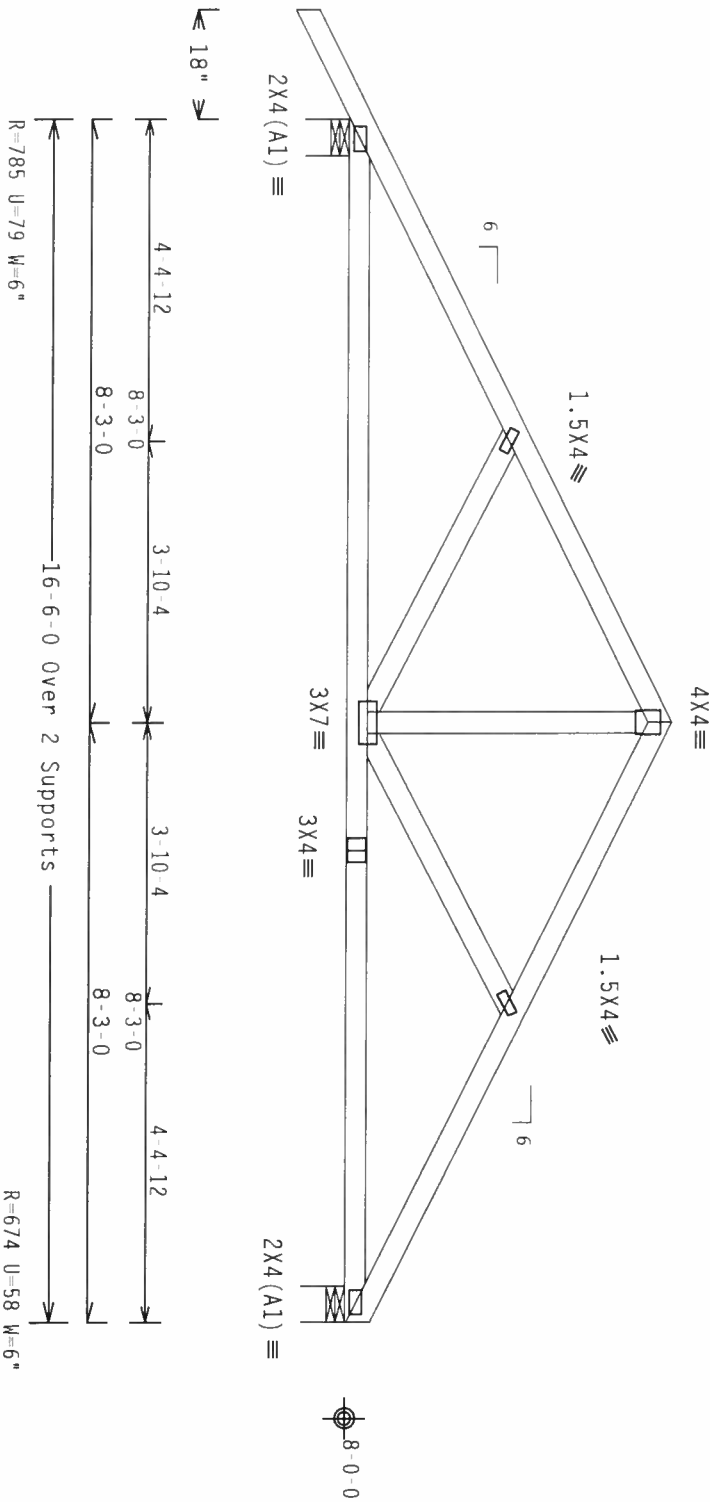
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TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUR8228 07250083
BC LL	0.0 PSF	HC-ENG CC/AP
TOT. LD.	40.0 PSF	SEON- 47888
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TAJ8228202

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. $I_w=1.00$ $Gcpl(+/-)=-0.18$

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

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

7.36.0424

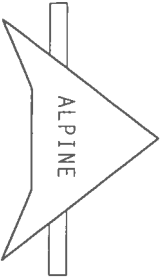
QTY:1

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

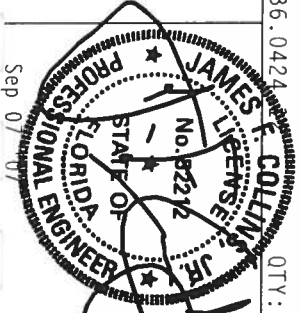
Scale = .375"/ft.

****WARNING**** TRUSS'S FROM BE EXTERIOR GALL IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE ST, SUITE 112, ALEXANDRIA, VA, 22304) AND TRCA (GOOD TRUSS CONSTRUCTION OF AMERICA, 6200 ENRIKHEISEN LANE, INDIANAPOLIS, IN 46219) 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**** OBTAIN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGC, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETERIORATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN, OR FOR ANY DAMAGE, SHIPPAGE, INSTALLING & BRACING OF TRUSSES. BY ACTING AND TPI. THE BGC CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO THE TRUSS FROM DESIGN, MANUFACTURING, INSTALLATION OR BRACING. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL STEEL MATERIALS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS AND 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS CONSTRUCTION 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.



ITW Building Components Group, Inc.
 Haines City, FL 33844
 Phone: 888.888.6727
 Fax: 888.888.6727



TC LL	20.0 PSF	REF	R8228-32736
TG-DL	10.0 PSF	DATE	09/07/07
BC-DL	10.0 PSF	DRW	HCUR8228 07250046
BC-LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEON-	47782
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	DEFF-	1TA08228202

Top chord 2x4 SP #2 Dense
 Bot chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 :Stack Chord SC1 2x4 SP #2 Dense:
 :Stack Chord SC2 2x4 SP #2 Dense:

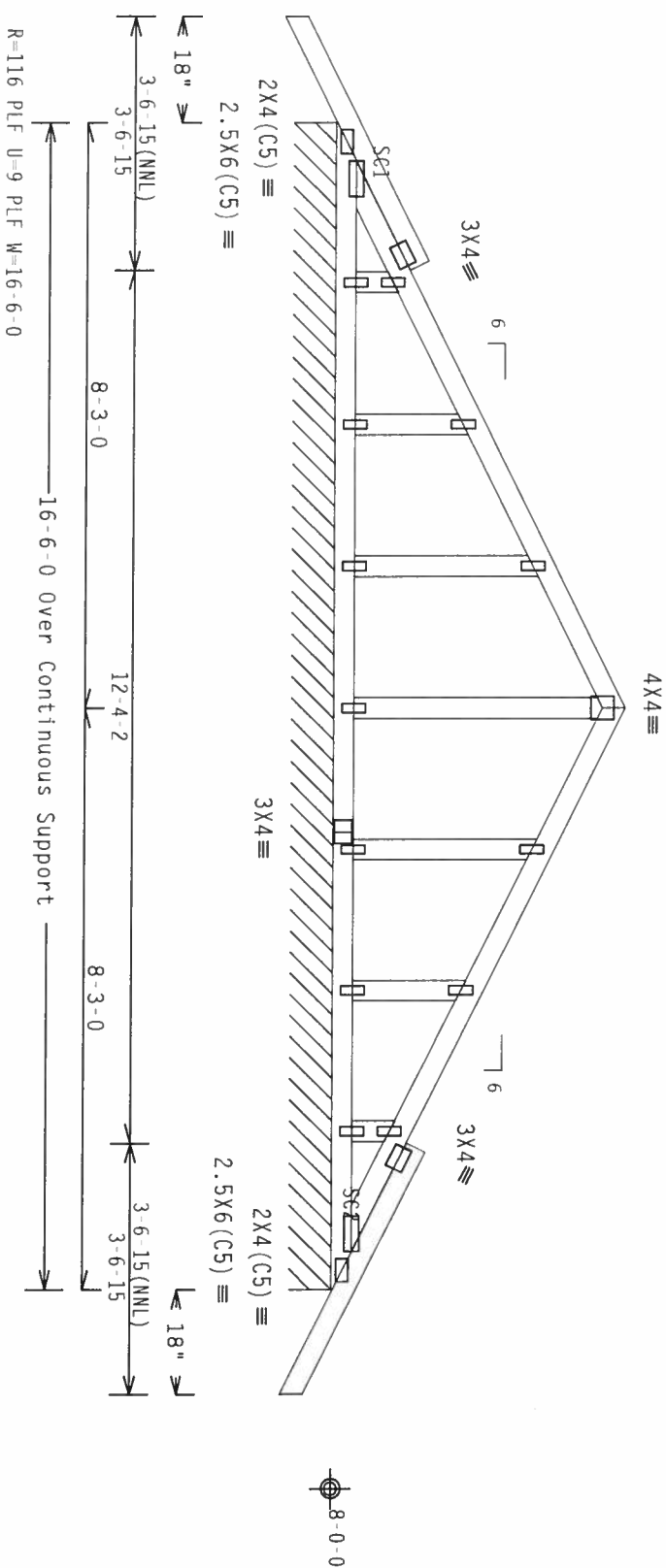
Truss spaced at 24.0" OC designed to support 1-0-0 top chord
 multi-loaders. Cladding load shall not exceed 10.00 PSF. Top chord
 must not be cut or notched.

In lieu of structural panels use purllins to brace TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase
 factor for dead load is 1.50.

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.

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. $I_w=1.00$ Gcpl (+/-)=0.18
 Wind reactions based on MMFRS pressures.
 See DWGS A11015EE0207 & GBLETTIN0207 for more requirements.
 Stacked top chord must NOT be notched or cut in area (NML).
 Dropped top chord braced at 24" o.c. intervals. Attach stacked
 top chord (SC) to dropped top chord in notchable area using 3x4
 tie plates 24" o.c. Center plate on stacked/dropped chord
 interface, plate length perpendicular to chord length. Splice top
 chord in notchable area using 3x6.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

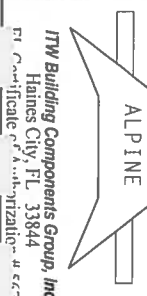
Design Crit: TPI-2002(STD)/FBC
 Cq/RT=1.00(1.25)/0(0)

7.36.0421 E COLLINS

Scale = .375"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
 REFER TO BCSE (BUILDING COMMONWEALTH SAFETY EDUCATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210
 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICK (WOOD TRUSS CONCEPT OF AMERICA, 600
 HERRINGHILL LANE, HANLON, MI 53179) 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 BCG, INC. SHALL NOT
 BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH
 THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR
 THE PROPER FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
 THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BRACING AND BRACING SPECIFICATIONS BY ATRAPA AND TPI.
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ITW Building Components Group, Inc.
 Haines City, FL 33844
 P.O. Box 111111, Haines City, FL 33844



TC LL	20.0 PSF	REF	R8228- 32737
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUR8228 07250084
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEQN-	47797
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	UREF-	1TAJ8228Z02

Top Chord 2x4 SP #2 Dense
Bot Chord 2x6 SP #1 Dense
Webs 2x4 SP #3

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

TC	From	61 PLF at 0.00 to	61 PLF at 2.95
TC	From	61 PLF at 2.95 to	61 PLF at 7.89
TC	From	61 PLF at 7.89 to	61 PLF at 10.83
BC	From	20 PLF at 0.00 to	20 PLF at 10.83
TC	44 LB Conc. Load at	1.63,	9.20
TC	54 LB Conc. Load at	2.95,	7.89
TC	25 LB Conc. Load at	5.01,	5.82
BC	796 LB Conc. Load at	1.02	
BC	13 LB Conc. Load at	1.63,	9.20
BC	813 LB Conc. Load at	3.02	
BC	804 LB Conc. Load at	5.02	
BC	8 LB Conc. Load at	5.82	
BC	2241 LB Conc. Load at	6.96	
BC	17 LB Conc. Load at	7.89	

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.

2 COMPLETE TRUSSES REQUIRED

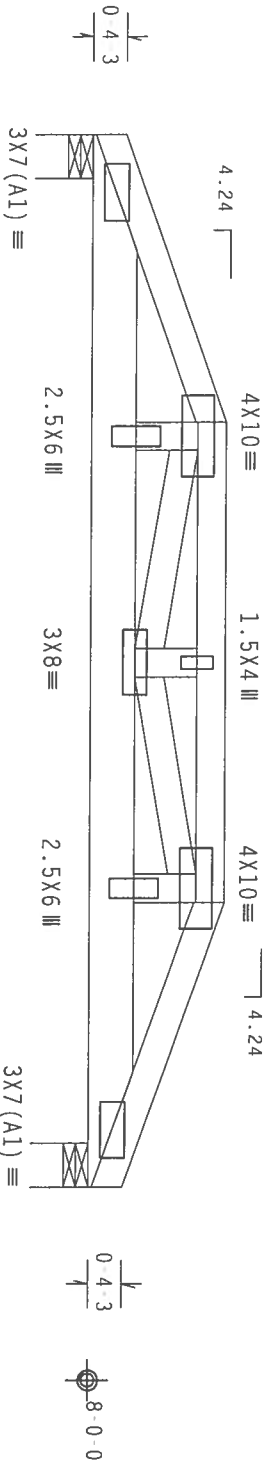
Nailing Schedule: (12d Common (0.148"x3.25", min.) nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @4.25" o.c.
Webs: 1 Row @4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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. $I_w=1.00$ $G_{CPI} (+/-)=0.18$

Wind reactions based on MMFRS pressures.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



4.24
4X10 ≡ 1.5X4 ≡ 4X10 ≡ 4.24
2.5X6 ≡ 3X8 ≡ 2.5X6 ≡ 3X7 (A1) ≡
2.11-6 2.11-6 2.11-6
2-11-6 2-11-6 2-11-6
10'-10" 0 Over 2 Supports
R=3016 U=461 W=5.485"
R=2586 U=510 W=5.485"

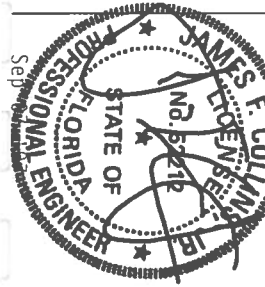
PLT TYP. Wave

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

QTY: 1

Scale = .5"/ft.

****WARNING**** BUYERS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TRUSSES TO ENSURE STRUCTURAL SAFETY. THIS DRAWING IS THE PROPERTY OF THE ARCHITECT. ANY REVISIONS TO THIS DRAWING MUST BE APPROVED BY THE ARCHITECT. THE ARCHITECT'S RESPONSIBILITY IS TO PROVIDE ACCURATE INFORMATION TO THE FABRICATOR. THE FABRICATOR'S RESPONSIBILITY IS TO FABRICATE THE TRUSS TO THE ARCHITECT'S DRAWING. THE ARCHITECT'S RESPONSIBILITY IS TO PROVIDE ACCURATE INFORMATION TO THE FABRICATOR. THE FABRICATOR'S RESPONSIBILITY IS TO FABRICATE THE TRUSS TO THE ARCHITECT'S DRAWING.

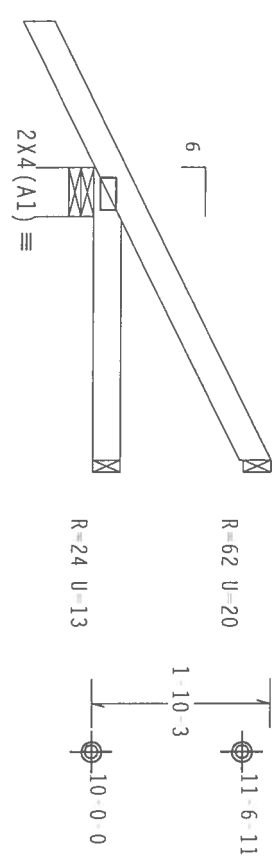


TC LL	20.0 PSF	REF	R8228 - 32738
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUR8228 07250089
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SECN-	4/926
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TAJ8228Z02

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $GCP(+/-)=0.55$
Wind reactions based on MWFRS pressures.



36'-0" over 2-3 Subparts
R=262 U=42 W=6"

PLT TYP. Wave

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

7.36.0424

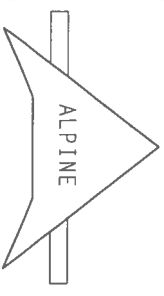
QTY: 1

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

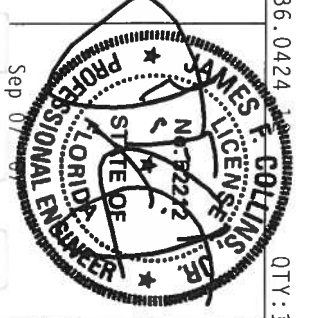
Scale = .5"/ft.

****WARNING**** TRUSS'S EXHIBIT EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO NCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH ITC STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND NICK GOOD TRUSS COUNCIL OF AMERICA, 6300 HILBERGISE LANE, HADSPON, VA 53179 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE INSTRUCTIONS. 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS MANUFACTURING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. BY AIRMAIL AND TPI. DISSENTS WITH APPLICATION PROVISIONS OF THIS QUALITY DECISION SPEC. BY AIRMAIL AND TPI. THE BCG DESIGN CONTRACTORS WITH APPLICATION PROVISIONS OF THIS QUALITY DECISION SPEC. THE BCG SHALL APPLY TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED PER DRAWINGS, JOBS, ANY IDENTIFICATION OF PLATES FOLLOWED BY (1) SHALL BE PERMITTED AS OF THE DATE OF THE DESIGNATION PER DRAWINGS, JOBS, DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOCIETY 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.



ITW Building Components Group, Inc.
Haines City, FL 33844
P.O. Box 1000
Haines City, FL 33844



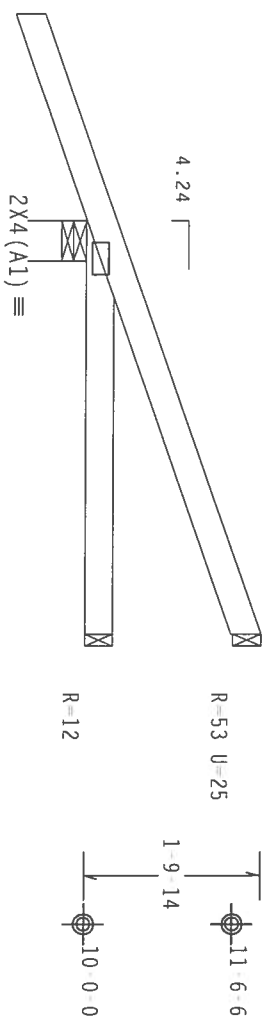
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TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUR8228 07250047
BC LL	0.0 PSF	HC-ENG CC/AP
TOT. LD.	40.0 PSF	SEON- 47640
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	DIFF- 1TAJ8228202

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

Hipjack supports 3 0 0 setback jacks with no webs.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=-0.55
Wind reactions based on MWFRS pressures.



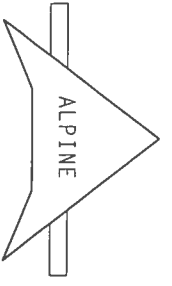
2-1-7
4-2-15 Over 3 Supports
R 218 U=71 W=4.95"

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

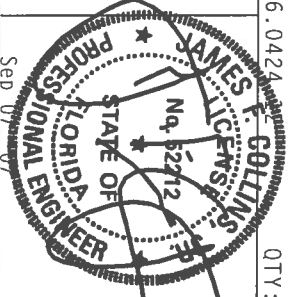
PLT TYP. WAVE

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS MANUFACTURERS ASSOCIATION, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICK GROSS COUNCIL OF AMERICA, ONE ENTERPRISE LANE, HANOVER, MI 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. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONTRACTS WITH APPLICABLE PROVISIONS OF BIDS (NATIONAL DESIGN SPEC. BY AREA) AND TPI. ITM BCG SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF TRUSSES FOLLOWED BY (C) SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. THIS DRAWING, IMPLICATIONS, ACCEPTANCE OR PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
Office: 888-373-3434



QTY: 1

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

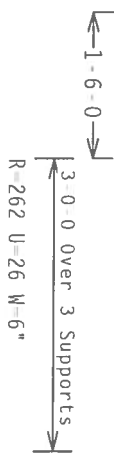
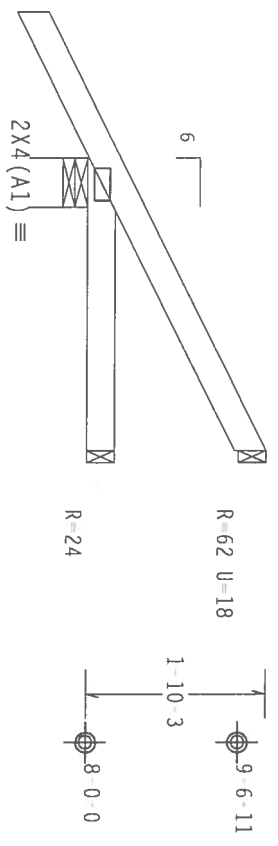
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TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCURS8228 07250088
BC LL	0.0 PSF	HC-ENG CC/AP
TOT. LD.	40.0 PSF	SEQN- 47651
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TAJ8228Z02

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-) = 0.18$
Wind reactions based on MWFRS pressures.



PLT TYP. Wave

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

7.36.0424 12

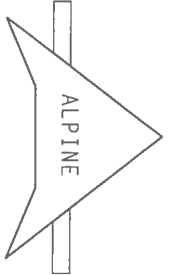
QTY: 1

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

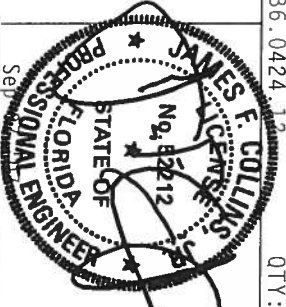
Scale = .5" / Ft.

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****IMPORTANT**** UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAIL FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER BRACING AND CONNECTIONS TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS, NO. 2 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS COMPONENT 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.



ITW Building Components Group, Inc.
Haines City, FL 33844
Toll Free 1-800-451-7272



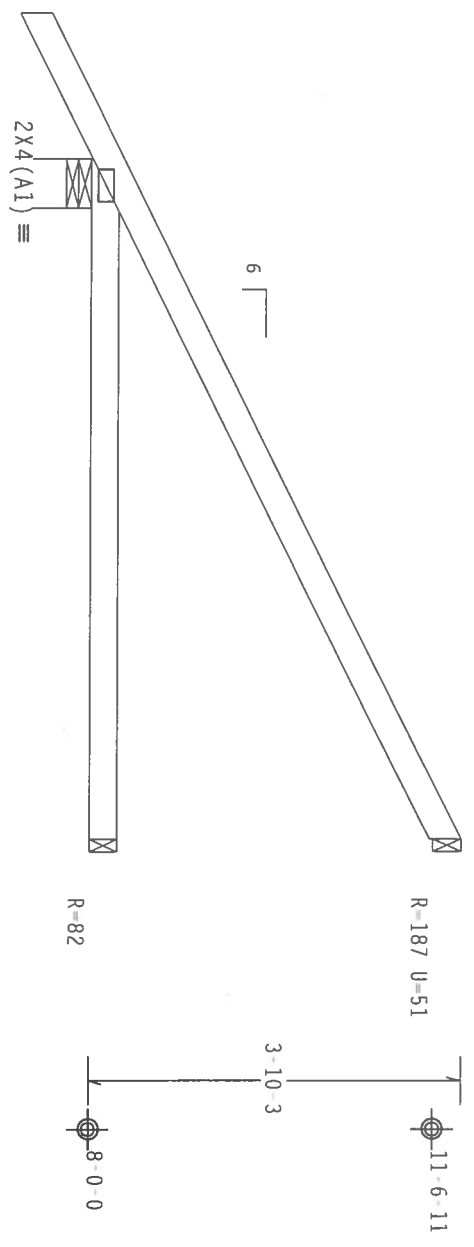
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TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUSR8228 07250048
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	40.0 PSF	SEON- 47655
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TA038228202

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. Iw=1.00 Gcpi(+/-)=-0.18

Wind reactions based on MMFRS pressures.



PLT TYP. Wave

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

7.36.0424

QTY: 1

FL /4 /- /R /-

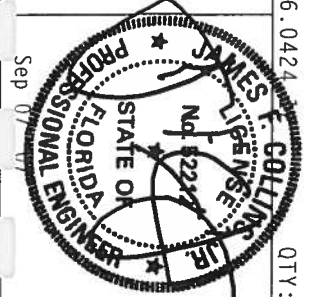
Scale = .5" /ft.

ALPINE

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Haines City, FL 33844

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****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, 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 905 (NATIONAL DESIGN SPEC. BY AISC) AND TPI. DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS T60A-Z. PLATES TO EACH JACK OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T60A-Z. BRACKETING SHALL BE PER AISC 308 AND TPI 1-2002 SEC. 3. FOR THE TRUSS COMPONENT BRACKETING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1 SEC. 2.



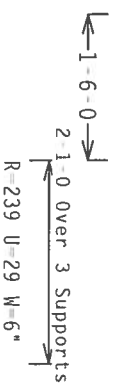
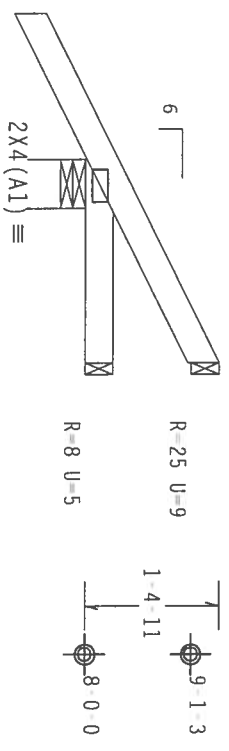
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TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUR8228 07250050
BC LL	0.0 PSF	HC-ENG CC/AP
TOT. LD.	40.0 PSF	SEQN- 47670
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	UREF- 1TAJR228Z02

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. Iw=1.00 Gcpl (+/-)=0.18

Wind reactions based on MMFRS pressures.



Design Crit: TPI-2002(STD)/FBC

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

7.36.0424.12

QTY: 1

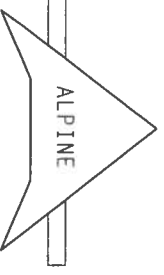
FL/-/4/-/1/R/-

Scale = .5"/ft.

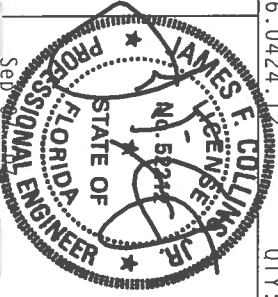
PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXHAUSTIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC&I (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. ITW BCG, 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. BY APPROVAL AND TPI. DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF ROS (NATIONAL DESIGN SPEC. BY AISC AND TPI. ITW BCG DESIGN PLATES ARE MADE OF 20/18/16GA (W/A/S/S/R) ASH 6653 GRADE 40/60 (W. K/R. SSI GALV. STEEL. APPLY TO ALL DESIGN PLATES. SEE TPI TRUSS DESIGN MANUAL FOR POSITION PER DRAWINGS T60A-Z. ANY INSPECTION OF PLATES FOR ONE OF THE ABOVE REASONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/ASCE 101.1-98, 101.2-98, 101.3-98, 101.4-98, 101.5-98, 101.6-98, 101.7-98, 101.8-98, 101.9-98, 101.10-98, 101.11-98, 101.12-98, 101.13-98, 101.14-98, 101.15-98, 101.16-98, 101.17-98, 101.18-98, 101.19-98, 101.20-98, 101.21-98, 101.22-98, 101.23-98, 101.24-98, 101.25-98, 101.26-98, 101.27-98, 101.28-98, 101.29-98, 101.30-98, 101.31-98, 101.32-98, 101.33-98, 101.34-98, 101.35-98, 101.36-98, 101.37-98, 101.38-98, 101.39-98, 101.40-98, 101.41-98, 101.42-98, 101.43-98, 101.44-98, 101.45-98, 101.46-98, 101.47-98, 101.48-98, 101.49-98, 101.50-98, 101.51-98, 101.52-98, 101.53-98, 101.54-98, 101.55-98, 101.56-98, 101.57-98, 101.58-98, 101.59-98, 101.60-98, 101.61-98, 101.62-98, 101.63-98, 101.64-98, 101.65-98, 101.66-98, 101.67-98, 101.68-98, 101.69-98, 101.70-98, 101.71-98, 101.72-98, 101.73-98, 101.74-98, 101.75-98, 101.76-98, 101.77-98, 101.78-98, 101.79-98, 101.80-98, 101.81-98, 101.82-98, 101.83-98, 101.84-98, 101.85-98, 101.86-98, 101.87-98, 101.88-98, 101.89-98, 101.90-98, 101.91-98, 101.92-98, 101.93-98, 101.94-98, 101.95-98, 101.96-98, 101.97-98, 101.98-98, 101.99-98, 101.100-98.



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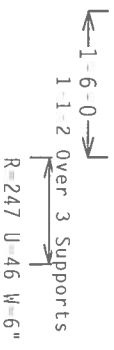
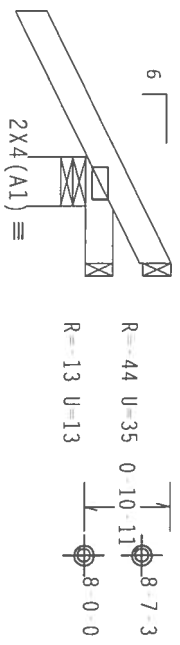


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TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250051
BC LL	0.0 PSF	HC-ENG CC/AP	
TOT. LD.	40.0 PSF	SEQN-	47675
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TAJ8228Z02

Top Chord 2x4 SP #2 Dense
Bot Chord 2x4 SP #2 Dense

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. $I_w=1.00$ $G_{cpl}(+/-)=0.18$
Wind reactions based on MWFRS pressures.



PLT TYP. Wave

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

7.36.0424

QTY: 1

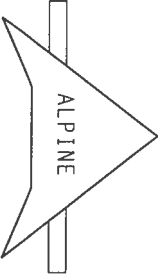
FL/-/4/-/ /R/-

Scale = .5"/ft.

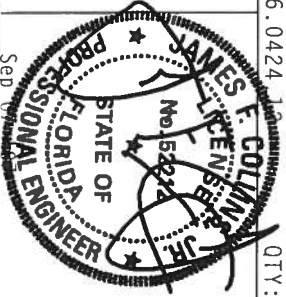
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 MORRIS LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WICK (WOOD TRUSS CONSULT OF AMERICA, 6700 FRIERHURST LANE, MANTON, MI 53791) 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BOB (NATIONAL DESIGN SPEC. BY ACP/A) AND TPI. THE BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL TRUSS MEMBERS, INCLUDING ALL JOINTS, CONNECTIONS, AND BRACING. ALL TRUSS MEMBERS SHALL BE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS. TABLE 2. ALL TRUSS MEMBERS SHALL BE MANUFACTURED BY THE BCG OR ITS SUBSIDIARIES. THE BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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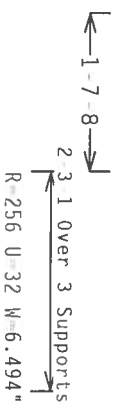
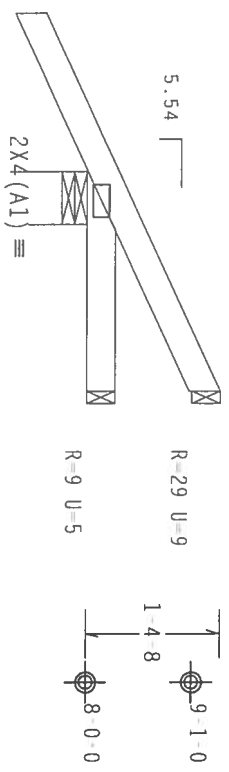
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TC DL	10.0 PSF	DATE 09/07/07
BC DL	10.0 PSF	DRW HCUSR8228-07250074
BC LL	0.0 PSF	HC-ENG CC/AP
TOT. LD.	40.0 PSF	SE0N- 4/680
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TA08228Z02

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. $I_w=1.00$ $G_{cpl}(+/-)=0.18$

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

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

QTY: 1 FL/-/4/-/1-/R/-

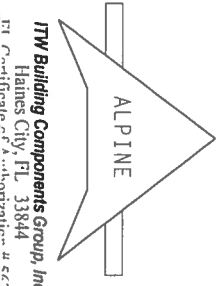
Scale = .5" / Ft.

PLT TYP. Wave

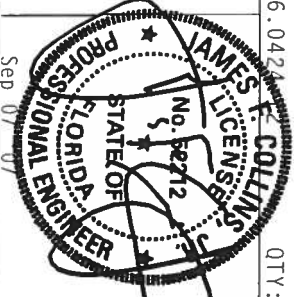
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, 22314) AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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 BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN FOR TRUSSES WITH APPLICABLE PROVISIONS OF BOSS (NATIONAL DESIGN SPEC. BY AIA/AMA) AND TPI-2002 (FOR TRUSS PLATES) ARE MADE OF 20/18/16GA (E40/35/RS) ASTM A653 GRADE 40/60 (GALV. OR UNPAINTED GALV. STEEL). APPLY PROTECTIVE PAINTS TO ALL EXPOSED SURFACES. DESIGN SHALL BE LOCATED ON THIS DESIGN. POSITION FOR DRINKING FOUNTAIN AND ANY INSPECTION OF PLATES FOLLOWED BY THE DESIGNER SHALL BE THE RESPONSIBILITY OF THE DESIGNER. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOCIETY FOR THE TRUSS COMPONER DESIGN SHOWS THE STABILITY 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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Haines City, FL 33844
P.O. Box 1000
Haines City, FL 33844

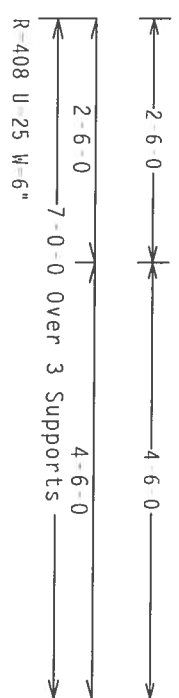
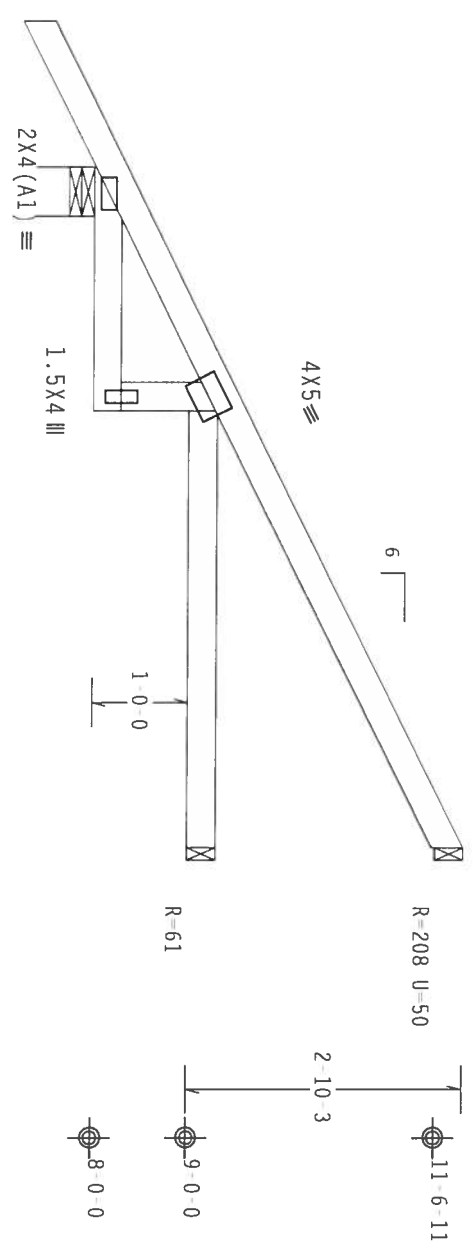


TC LL	20.0 PSF	REF	R8228- 32748
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250052
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEQN-	47684
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	UREF-	1TAJ8228Z02

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

Deflection meets L/240 live and L/180 total load. Creep increase
Factor for dead load is 1.50.

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. $I_w=1.00 GCP(+/-)=0.18$
Wind reactions based on MWFRS pressures.



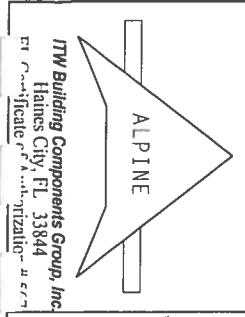
PLT TYP. Wave

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

7.36.0424

QTY: 1 FL-/4-/1-/R/-

Scale = .5"/ft.

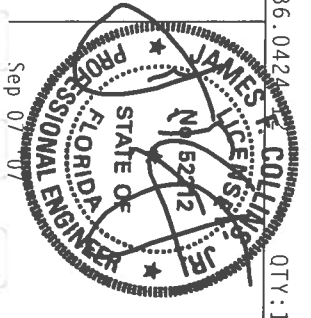


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Haines City, FL 33844
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WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION. CONSULT TPI CROSS PLATE INSTITUTE, 2800 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICK (800) TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, HANDBURGH, 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 UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. CONSULT WITH APPLICABLE PROVISIONS OF MOST QUALIFIED DESIGN SPEC. BY ACPA AND TPI. THE BCG CANNOT BE HELD RESPONSIBLE FOR ANY FAILURE TO FOLLOW THE DESIGN, POSITION OR PERFORM THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. CONSULT WITH APPLICABLE PROVISIONS OF MOST QUALIFIED DESIGN SPEC. BY ACPA AND TPI. THE BCG CANNOT BE HELD RESPONSIBLE FOR ANY FAILURE TO FOLLOW THE DESIGN, POSITION OR PERFORM THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

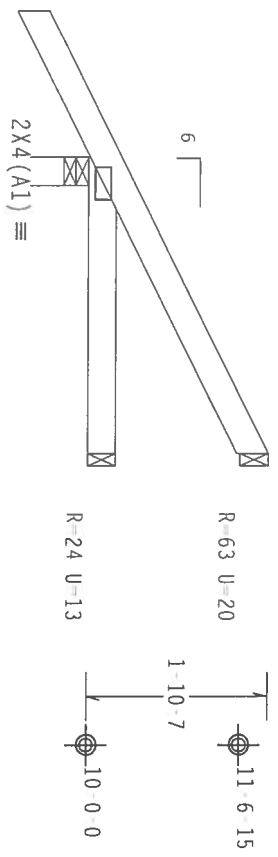


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TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250075
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	40.0 PSF	SEQN-	47741
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JRFF-	1TA0822RZ02

Top Chord 2x4 SP #2 Dense
Bot Chord 2x4 SP #2 Dense

Deflection meets L/240 live and L/180 total load. Creep increase
Factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. $I_w=1.00$ $G_{cpl}(+/-)=0.55$
Wind reactions based on MWFRS pressures.



PLT TYP. Wave

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

7.36.0424.12

QTY: 1

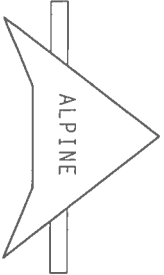
FL/-/4/-/-/R/-

Scale = .5"/ft.

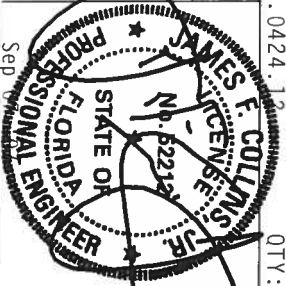
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH ILE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND WICK (WOOD TRUSS CONCEPT OF AMERICA, ENTERPRISE LAB, HANLON, WI 53119) 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 REG. ENG. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE REG. ENG. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

THE REG. ENG. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE REG. ENG. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



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Haines City, FL 33844
P1 Certificate # 447722120



TC LL	20.0 PSF	REF	R8228-32750
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCUSR8228 07250053
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SECON	47807
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF	1TAJ8228Z02

Top Chord 2x4 SP #2 Dense
 Bot Chord 2x4 SP #2 Dense
 Webs 2x4 SP #3
 Stack Chord SC1 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1 0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Stacked top chord must NOT be notched or cut in area (NML). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

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 DWGS A11015EE0207 & GBLETTIN0207 for more requirements.

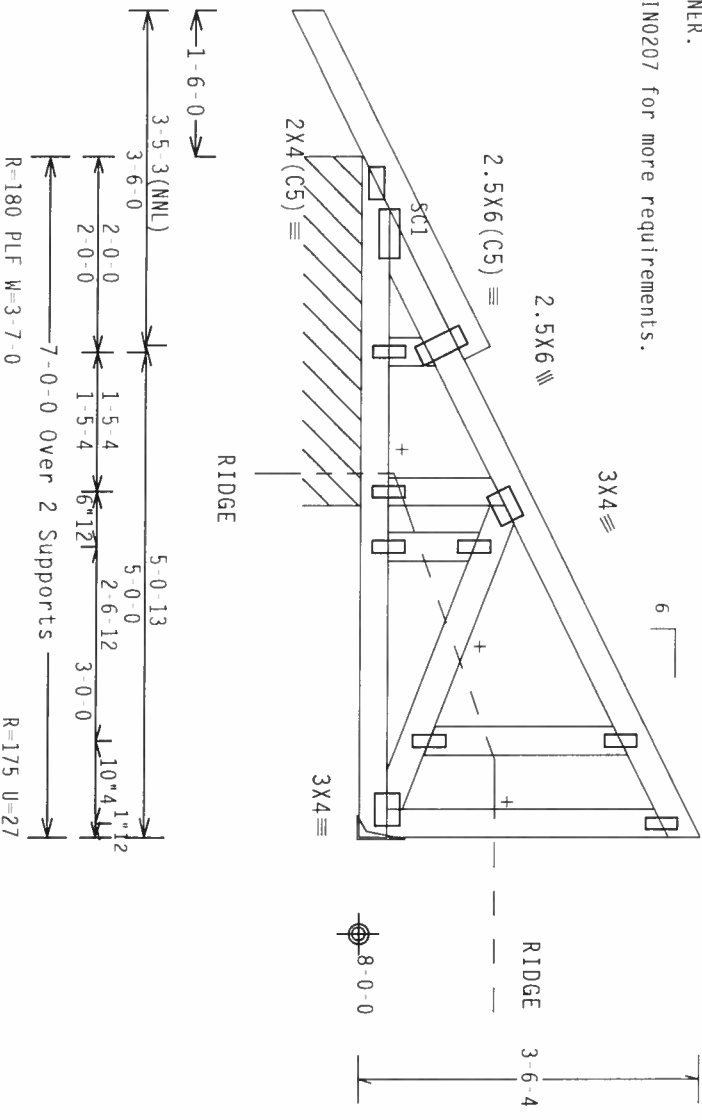
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{cpl}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

+ MEMBER TO BE LATERALLY BRACED FOR HORIZONTAL WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave

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

7.36.0424

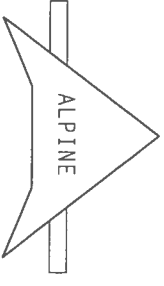
QTY: 1 FL/-/4/-/R/-

Scale = .5" / Ft.

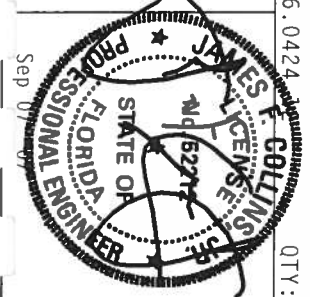
WARNING TRUSS'S EXHIBIT EXTERNAL CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI CONCRETE PLATE INSTITUTE, 210 NORTH HEE STREET, SUITE 312, ALYANDRIA, VA. 22314) AND HICK (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, HANOTSON, WI 53129) 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 BCS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGNER FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCS, 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.



ITW Building Components Group, Inc.
 Gaines City, FL 33844
 For Specific Application Contact: 888-443-6279



TC LL	20.0 PSF	REF	R8228-32751
TC DL	10.0 PSF	DATE	09/07/07
BC DL	10.0 PSF	DRW	HCSUR8228-07250087
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT. LD.	40.0 PSF	SEON-	47773
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TA38228Z02

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

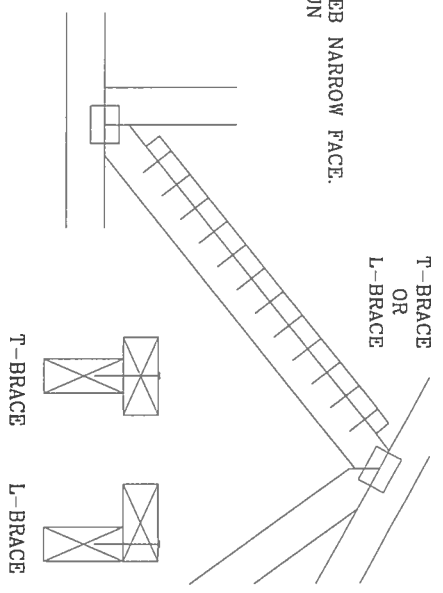
ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE, FOR MINIMUM ALTERNATIVE BRACING. RE-RUN DESIGN WITH APPROPRIATE BRACING.

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

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

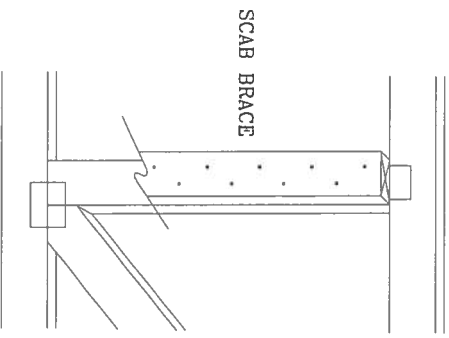
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING OR L-BRACING:
 APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3." MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH




SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3." MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579.640



ALPINE

TRUSSING COMPONENTS GROUP, INC.
POMEROY BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS SOCIETY OF AMERICA, 300 INTERSTATE ST., HASTING, IA 52531, AND WEA (WOOD TRUSS) PUBLISHED BY THE TRUSS SOCIETY OF AMERICA, 300 INTERSTATE ST., HASTING, IA 52531. THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

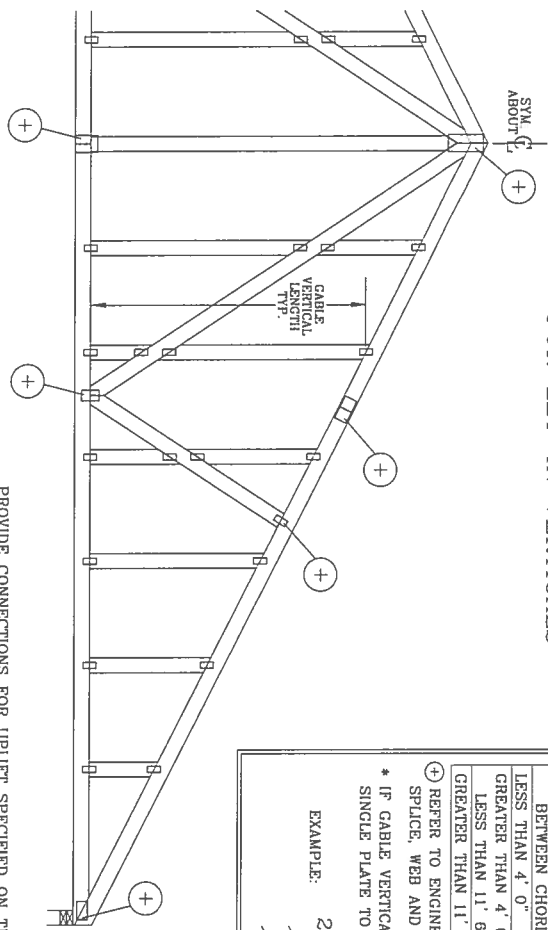
IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TTV, BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN DESIGNATED AREA. TTV, BCG, INC. SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF TRUSSES IN DESIGNATED AREA. TTV, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/4/55K) ASTONITE GRADE AL630 AND NOT 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 (C) SHALL BE PER AMEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

JAMES T. COLLINS JR.
 LICENSED PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 No. 52812

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

CABLE DETAIL

FOR LET-IN VERTICALS



GABLE VERTICAL PLATE SIZES

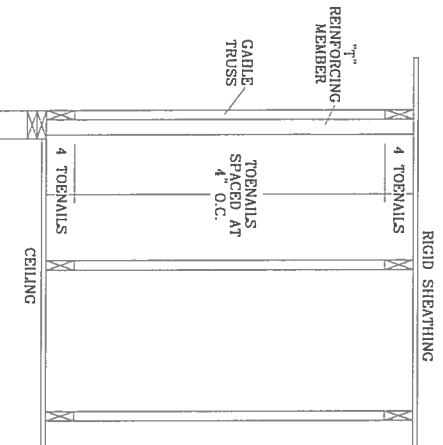
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

EXAMPLE:

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK SPLICE, WEB AND HEEL PLATES.

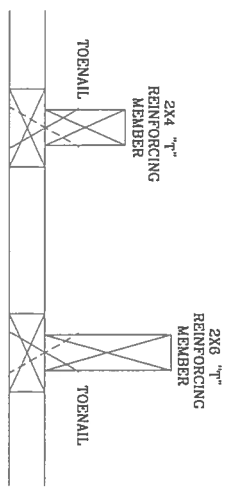
PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN. ATTACH EACH "T" REINFORCING MEMBER WITH HAND DRIVEN NAILS:
 10d COMMON (0.148" X 3" MIN) TOENAILS AT 4" O.C. PLUS
 (4) 16d COMMON (0.182" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.
 GUN DRIVEN NAILS:
 8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
 (4) TOENAILS IN TOP AND BOTTOM CHORD.



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

ASCE 7-93 GABLE DETAIL DRAWINGS
 A11015BEN0207, A10015BEN0207, A09015BEN0207, A07015BEN0207, A11030BEN0207, A10030BEN0207, A09030BEN0207, A08030BEN0207, A07030BEN0207
 ASCE 7-98 GABLE DETAIL DRAWINGS
 A13015BEC0207, A12015BEC0207, A11015BEC0207, A08515BEC0207, A13030BEC0207, A12030BEC0207, A11030BEC0207, A08530BEC0207
 ASCE 7-02 GABLE DETAIL DRAWINGS
 A13015BEB0207, A12015BEB0207, A11015BEB0207, A08515BEB0207, A13030BEB0207, A12030BEB0207, A11030BEB0207, A08530BEB0207
 ASCE 7-05 GABLE DETAIL DRAWINGS
 A13015BES0207, A12015BES0207, A11015BES0207, A08515BES0207, A13030BES0207, A12030BES0207, A11030BES0207, A08530BES0207

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



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

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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

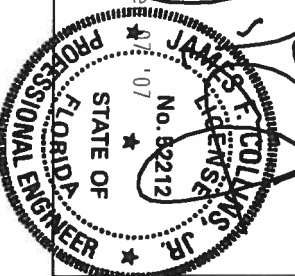
THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE

17W BUILDING COMPONENTS GROUP, INC.
 POMPANO BEACH, FLORIDA

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IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. TPI, BCG, 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 IN ACCORDANCE WITH THE TPI TRUSS COMPANY'S QUALITY CONTROL DESIGN SPEC. BY AEPAS AND TPI. ALL BCG CONDUCTOR PLATES ARE MADE OF 6061-T6 ALUMINUM. DESIGNATION OF GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE SUITABILITY, PER ASCE/TPI 1, SEC. 2.



REF	LET-IN VERT
DATE	2/23/07
DRWG	GILLETINO207
-ENG	DJJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"