

DATE 06/14/2011

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
 000029477

APPLICANT BRYAN ZECHER PHONE 752-8653
 ADDRESS PO BOX 815 LAKE CITY FL 32056
 OWNER DANIEL DECKER PHONE 752-8653
 ADDRESS 1907 SW SISTERS WELCOME RD LAKE CITY FL 32025
 CONTRACTOR BRYAN ZECHER PHONE 752-8653
 LOCATION OF PROPERTY 90 WEST, L SISTERS WELCME RD, JUST PAST CREEKSIDE LN ON THE RIGHT (CREEKSIDE IS ON THE LEFT)
 TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 110350.00
 HEATED FLOOR AREA 1400.00 TOTAL AREA 2280.00 HEIGHT 18.00 STORIES 1
 FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB
 LAND USE & ZONING RMF-1 MAX. HEIGHT 35
 Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 15.00 SIDE 10.00
 NO. EX.D.U. 0 FLOOD ZONE FL X DEVELOPMENT PERMIT NO. _____

PARCEL ID 12-4S-16-02935-011 SUBDIVISION BROTHER'S WELCOME AIRPARK
 LOT 9 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 0.75

000001891 _____ CBC054575 _____
 Culvert Permit No. Culvert Waiver Contractor's License Number _____
 CULVERT 11-0232 BK _____ TC _____ N _____
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ELEVATION SET @ 126.14, NEED ELEVATION CONFIRMATION LETTER AT SLAB,
NEED LOCATION SURVEY AT FOOTER***

NOC ON FILE Check # or Cash 2705

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Framing _____ Insulation _____
 date/app. by _____ date/app. by _____
 Rough-in plumbing above slab and below wood floor _____ Electrical rough-in _____
 date/app. by _____ date/app. by _____
 Heat & Air Duct _____ Peri. beam (Lintel) _____ Pool _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Permanent power _____ C.O. Final _____ Culvert _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Pump pole _____ Utility Pole _____ M/H tie downs, blocking, electricity and plumbing _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Reconnection _____ RV _____ Re-roof _____
 date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 555.00 CERTIFICATION FEE \$ 11.40 SURCHARGE FEE \$ 11.40
 MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ _____
 FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 **TOTAL FEE** 677.80
 INSPECTORS OFFICE J. H. CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

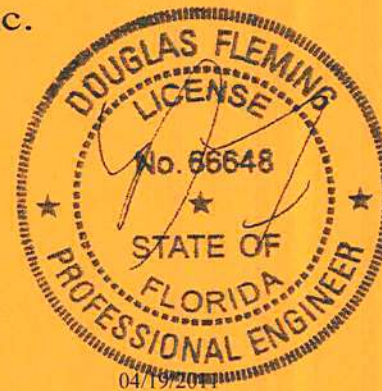
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IUB8487-Z0619155645



Truss Fabricator: Anderson Truss Company
Job Identification: 11-086--Fill in later BRYAN ZECHER/DECKER -- , **
Truss Count: 34
Model Code: Florida Building Code 2007 and 2009 Supplement
Truss Criteria: FBC2007Res/TPI-2002(STD);FBC2007Res/TPI-2007(STD)
Engineering Software: Alpine Software, Versions 10.03, 9.05.
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 7-05 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

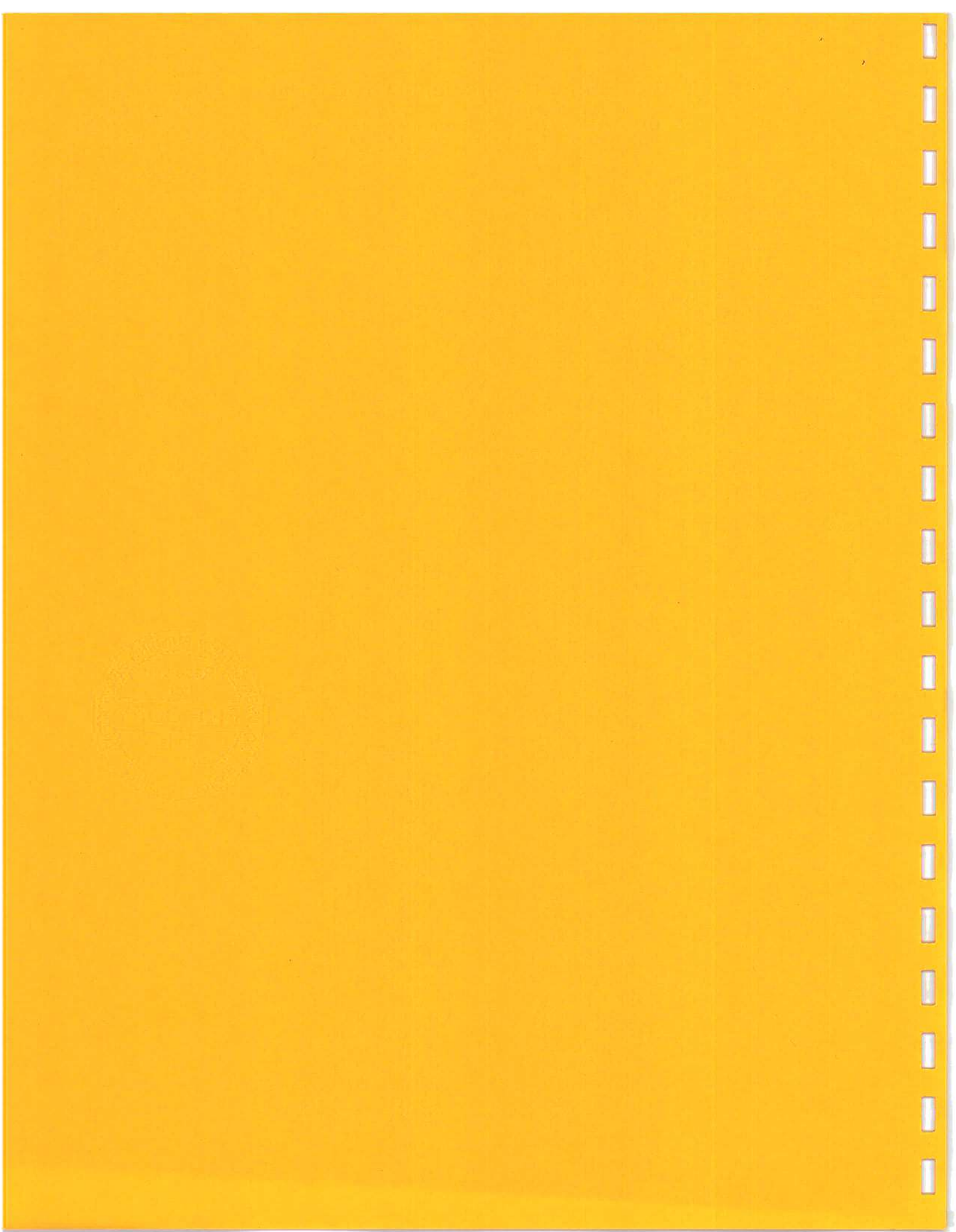
Douglas Fleming
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: HIPFRAME-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	1	-Jackscab for HS7	11109044	04/19/11
2	47489--H7A		11109042	04/19/11
3	47490--A		11109012	04/19/11
4	47491--HS9A		11109013	04/19/11
5	47492--HS7A		11109045	04/19/11
6	47493--HS11A		11109014	04/19/11
7	47494--HS13A		11109015	04/19/11
8	47495--HS15A		11109016	04/19/11
9	47496--AS		11109017	04/19/11
10	47497--HT9A		11109018	04/19/11
11	47498--HT11A		11109019	04/19/11
12	47499--HT13A		11109020	04/19/11
13	47500--HT15A		11109021	04/19/11
14	47501--AT		11109022	04/19/11
15	47502--H7B		11109023	04/19/11
16	47503--H9B		11109024	04/19/11
17	47504--H7C		11109025	04/19/11
18	47505--H9C		11109026	04/19/11
19	47506--H11C		11109027	04/19/11
20	47507--C		11109028	04/19/11
21	47508--H7D		11109029	04/19/11
22	47509--H9D		11109030	04/19/11
23	47510--H11D		11109031	04/19/11
24	47511--D		11109032	04/19/11
25	47512--CJ1		11109033	04/19/11
26	47513--CJ3		11109034	04/19/11
27	47514--CJ5		11109035	04/19/11
28	47515--EJ7		11109043	04/19/11
29	47516--CJ3T		11109036	04/19/11
30	47517--CJ5T		11109037	04/19/11
31	47518--EJ7T		11109038	04/19/11
32	47519--HJ7		11109039	04/19/11
33	47520--HJ7T		11109040	04/19/11
34	47521--MG		11109041	04/19/11



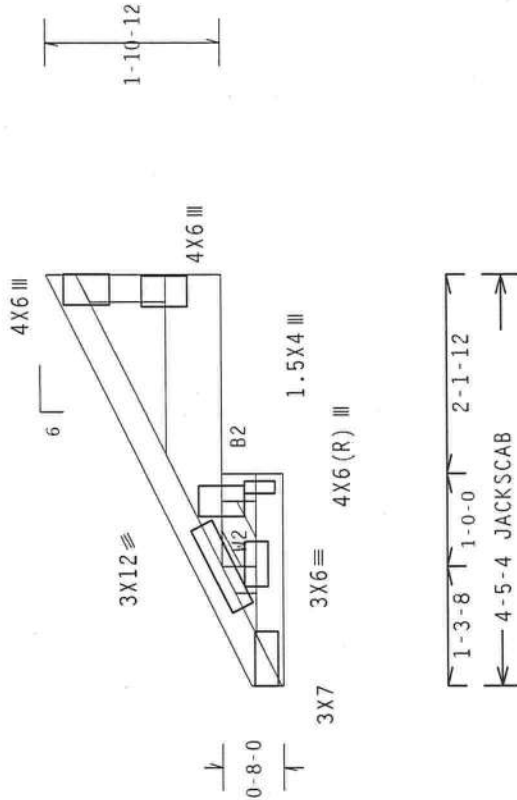




(11-086--Fill in later BRYAN ZECHER/DECKER -- ** - Jackscab)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B2 2x8 SP 2400f-2.0E:
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:

NOTE: THIS DESIGN IS NOT TO BE USED AS A STAND ALONE TRUSS.
IT IS ONLY TO BE USED AS A ROOF JACK SCAB TRUSS FOR
TRUSS HS7A DRW@HCUSR487 11109045.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=0%(0%)/0(0)

PLT TYP. Wave

Scale = .5"/Ft.

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

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

REF R487-- 1

DATE 04/19/11

DRW HCUSR487 11109044

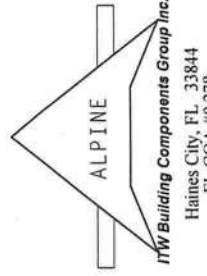
HC-ENG DR/DF

SEQN- 8327

JREF- 1UB8487_Z06



IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Components Systems Inc.) Manual for details on bracing and installation. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this design, indicates acceptance of professional engineering structure is responsibility solely for the design shown. The design shall conform to the requirements of the general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindust.org; ICC: www.iccsafe.org



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278



(11-086--Fill in later BRYAN ZECHER/DECKER -- , ** - H7A)

	Top	chord	2x4	SP	#2	Dense
	Bot	chord	2x6	SP	#1	Dense
		webs	2x4	SP	#3	
	:Lt	Wedge	2x4	SP	#3:	

Special loads

Special loads	(Lumber	Dur. Fac. = 1.25 / Plate Dur. Fac. = 1.25)
TC-From	62 pif at -1.50 to	62 pif at 7.00
TC-From	62 pif at 7.00 to	62 pif at 14.38
TC-From	62 pif at 14.38 to	62 pif at 19.35
TC-From	62 pif at 19.35 to	62 pif at 31.33
BC-From	4 pif at -1.50 to	4 pif at 0.00
BC-From	20 pif at 0.00 to	20 pif at 16.00
BC-From	20 pif at 16.00 to	20 pif at 31.33
TC-245.70 lb Conc. Load at	7.00	
BC-355.40 lb Conc. Load at	6.94	
BC-2267.20 lb Conc. Load at	7.38	

Wind reactions based on MWFRS pressures.

11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)0.18

Roof overhang supports 2.00 psf soffit load.

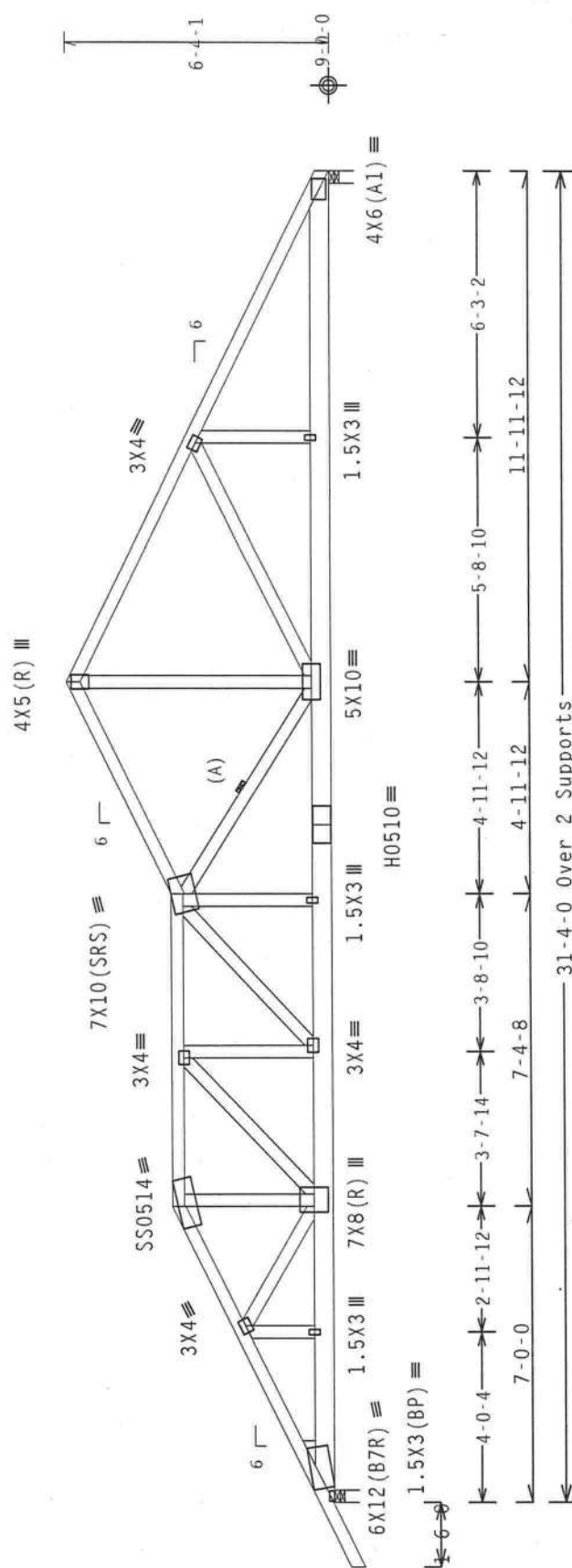
(A) Continuous lateral bracing equally spaced on member.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=3602 U=388 W=3.5"
RL=135/-143

R=1947 U=209 W=3.5"

PLT TYP. 20 Gauge HS.18 Gauge HS,
Wave Design Crit: FBC2007Res/TPI-2007 (STD)
FT/RT=10%(0%)/0(0)

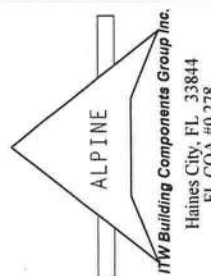
3C200/RES/1PI-200/
FT/RT=10%(0%)/0(0)

Scale = .25"/Ft.

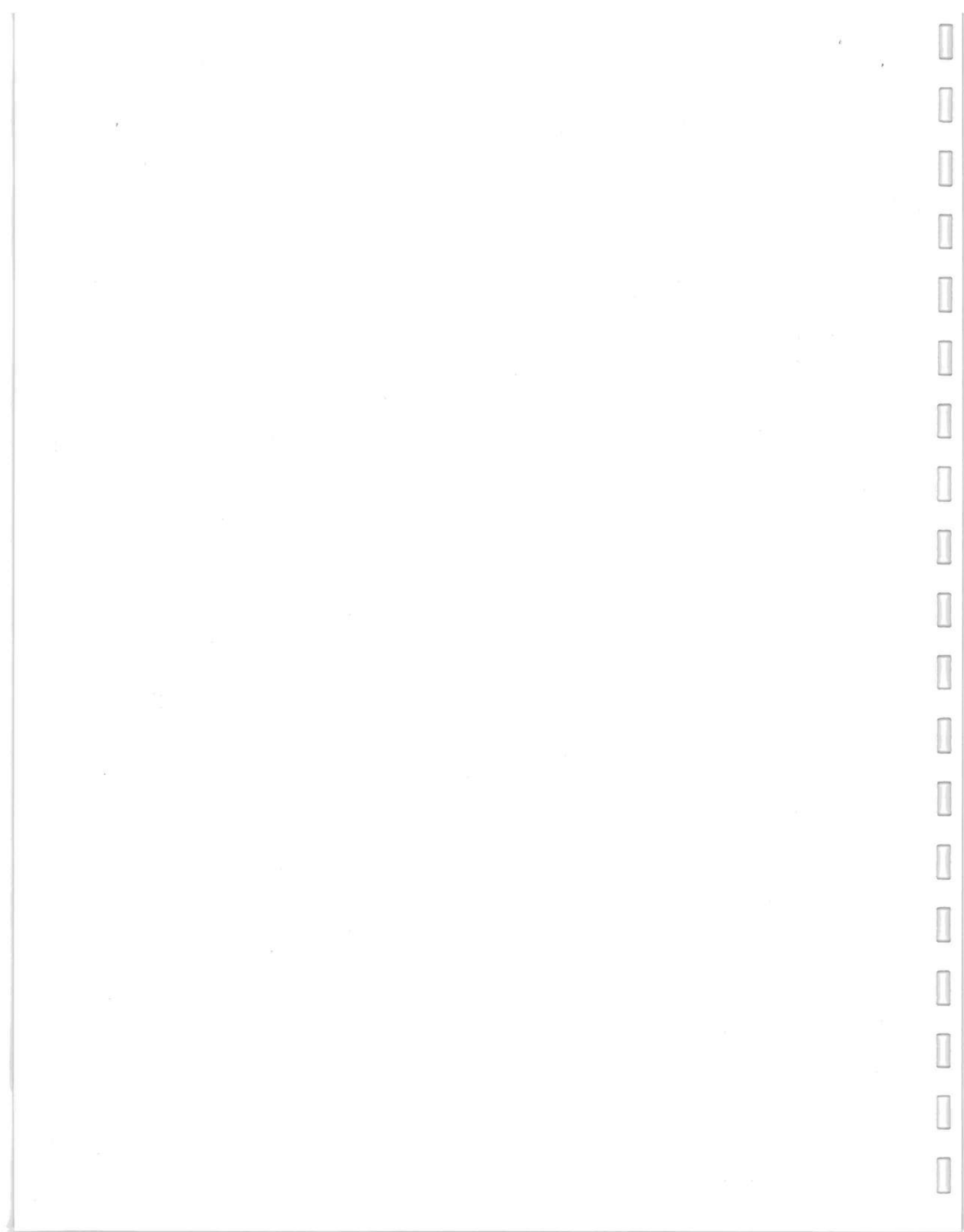
WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
 REGARDING THE DESIGN OF ALL CONTRACTORS, INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following information for the latest edition of BCSI Building Component Safety Information. Bracing per BCSI specifications is critical to the performance of the truss. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly installed rigid ceiling. Locations shown for permanent lateral restraint of the truss shall have bracing installed per BCSI sections 83, 87 or B10, as applicable.

UL Building Components Group Inc. (ULBCG) shall not be responsible for any deviation from this drawing. ULBCG is responsible for the design, manufacture, and performance of the ULBCG products. ULBCG shall not be responsible for any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation, or packing of the truss. Apply plates to each face of truss and position as shown above and on the Joint Detail. The truss shall be fabricated in accordance with the design shown on this drawing. The responsibility for the design, manufacture, and performance of the truss shall be the responsibility of the Building Designer. Refer to drawings IBOA-2 For standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer. Please contact ULBCG at 1-800-368-2622. This job is the property of ULBCG. Do not photocopy, reproduce, or otherwise use without written permission. © 1997 ULBCG. www.ulbcg.com



TC LL	20.0	PSF	REF R487-- 47489
TC DL	10.0	PSF	DATE 04/19/11
BC DL	10.0	PSF	DRW HCUR487 11109042
BC LL	0.0	PSF	HC-ENG KD/DF
TOT.LD.	40.0	PSF	SEQN- 198614
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UB8487_Z06



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - A)

Top	chord	2x4	SP	#2	Dense
30t	chord	2x4	SP	#2	Dense
	Wbs	2x4	SP	#3	Dense

111110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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

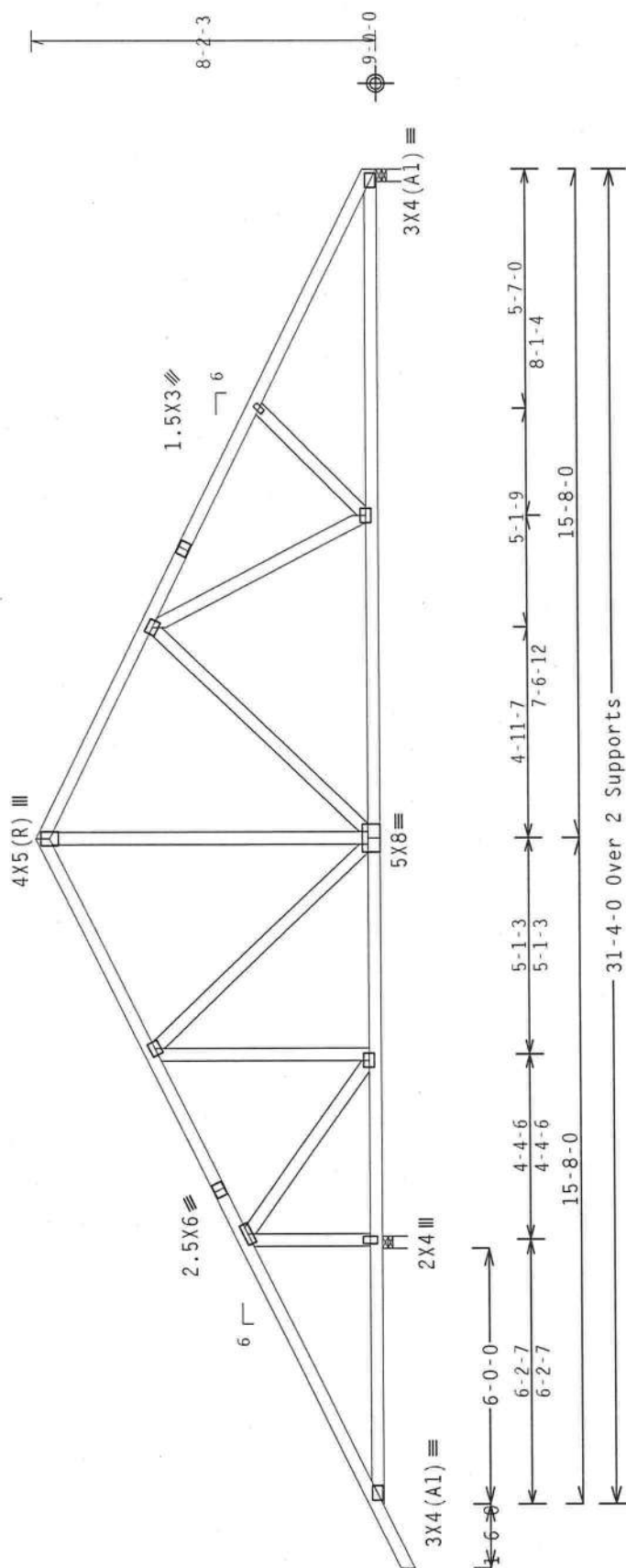
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

WUERS loads based on trusses located at least 15.00 ft. from roof edge.



R=1731 U=9 W=3.5"
RL=174/-181

31-4-0 Over 2 Supports -

R=950 U=0 W=3 5"

Note: All plates are 3x4 except as shown.

Design Crit: FBC2007Res/TPI-2002 (STD)

 $FT/RT=10\%(0\%)/0(0)$

Scale = .25"/Ft.

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

9.05:03:0319/17 QTY

 $FT/RT=10\%(0\%)/0(0)$

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PLT TYP. Wave

*****WARNING*** READ AND FOLLOW ALL NOTES ON THIS SHEET!**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following information for details on the proper handling, shipping, and installation of BSI building components. Safety and health precautions and MSDS for all BSI products can be found at www.bsiinc.com.
The top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rafter ceiling. Locations shown for permanent lateral restraint webs shall have bracing installed per BSI sections B3, B8, B10, as applicable.

[illegible]

No. 66848

Figure 1. Schematic diagram of the experimental setup. The subject is seated in a chair, viewing a screen displaying a target. The target is a vertical line with a horizontal bar at the top. The subject's hand is positioned at the bottom of the screen, ready to move towards the target. The distance between the hand and the target is indicated by a dashed line. The screen is divided into two regions: a central region and a peripheral region. The central region is defined by a vertical line, and the peripheral region is defined by a horizontal line. The subject's hand is positioned in the central region, and the target is positioned in the peripheral region. The subject's hand is moved towards the target, and the distance between the hand and the target is measured. The distance between the hand and the target is indicated by a dashed line. The screen is divided into two regions: a central region and a peripheral region. The central region is defined by a vertical line, and the peripheral region is defined by a horizontal line. The subject's hand is positioned in the central region, and the target is positioned in the peripheral region. The subject's hand is moved towards the target, and the distance between the hand and the target is measured. The distance between the hand and the target is indicated by a dashed line.

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FLORIDA

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04/12/2011



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - HS9A)

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

Roof overhang supports 2.00 psf soffit load.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

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

NOTE: Laterally brace bottom chord above filler at 2'0" o.c.
max. including a lateral brace at chord ends.

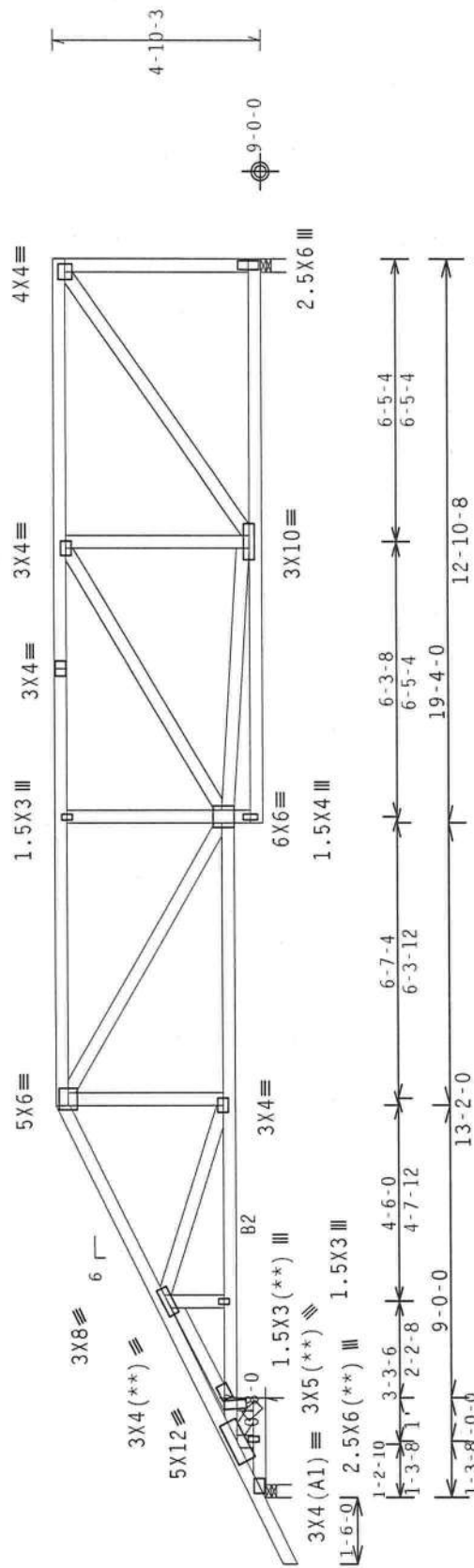
(**) 4 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 (r/-)=0.18

Wind reactions based on MVFR pressures.

Right end vertical not exposed to wind pressure.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-1276 U-122 W-3.5"
RL-121/-43

R=1158 U=127 W=3.5"

28-4-0 Over 2 Supports

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .25"/Ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
IMPORTANT

Trosses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following information for details on the correct practices for the use of trosses:

- The use of BCS (Building Component Safety) information for trosses is required. Refer to the practices listed to performing the correct use of trosses.
- Trosses shall be installed in accordance with the manufacturer's instructions.
- Trosses shall have a properly attached structural sheathing and bottom chord.
- Trosses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trosses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

IFB Building Components Group Inc. (IUBCC) shall not be responsible for any deviation from this drawing. IUBCC shall not be responsible for any failure to build the truss in conformance with ANSI/PPI 1, or for handling, unloading, installation, bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover plate listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design on any structure is the responsibility of the user. IUBCC shall not be responsible for any deviation from any structure. This job is the responsibility of the user. IUBCC: www.iubcc.com; PPI: www.ppi.net; NIPCC: www.nipcc.com; IUBCC: www.165safe.org

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(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - HSTA)

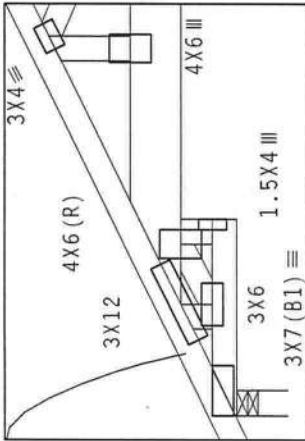
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x4 SP #2 Dense :B2 2x8 SP 2400f-2.0E:
:B3 2x6 SP #1 Dense:
Webs 2x4 SP #3
:W2, W10, W11, W12, W14 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.12" due to live load and 0.13" due to dead load.

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



110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

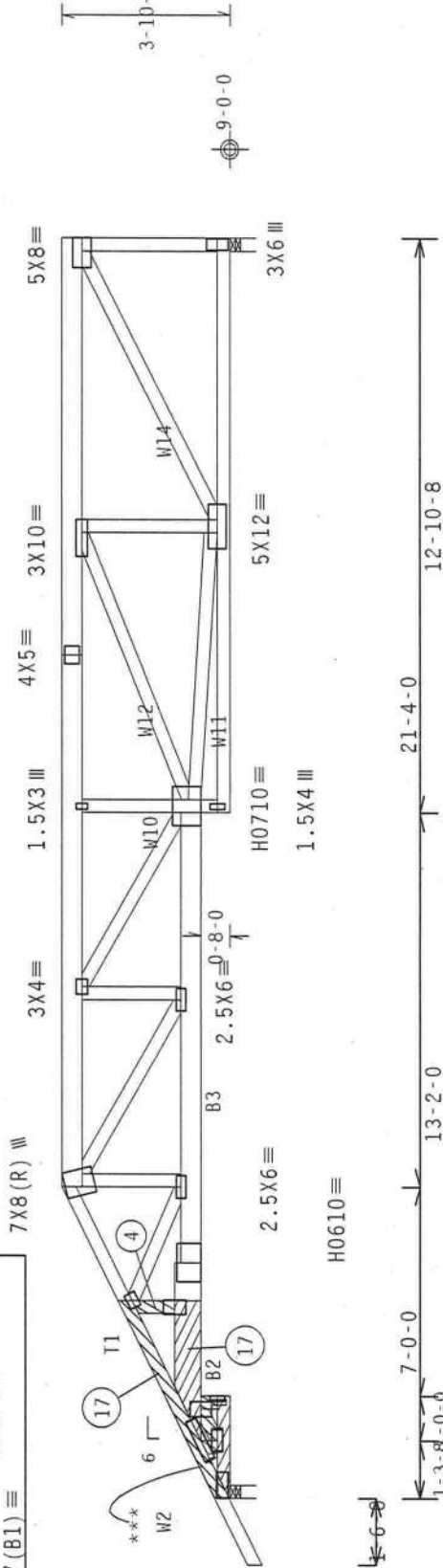
Deflection meets L/240 live and L/180 total load.

*** (2) PRE-FABRICATED JACKSCABS REQUIRED. ATTACH ONE JACKSCAB TO EACH FACE OF TRUSS WITH 0.131 X 3" GUN NAILS 4" O.C IN MATCHING CHORDS AND WEBS WITHOUT SPLITTING LUMBER.

SEE HATCHED AREA FOR JACKSCAB DETAILS.

MINIMUM NAILING SHOWN IN CIRCLES. AMOUNT SHOWN IS REQUIRED FROM EACH FACE.

*** SEE DWG HCUSR487 11109044 FOR JACKSCAB DETAILS



R-2391 U-423 W-3.5"

R-2494 U-396 W-3.5"

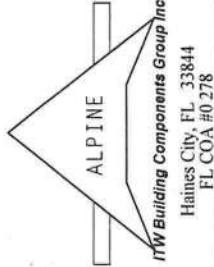
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. 20 Gauge HS, Wave

Scale = .25" / Ft.



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL COMPARTMENTS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for BCSI practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. All trusses shall be properly braced and supported during transport, storage, and installation. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.		FL / - / 4 / - / - / R / -	TC LL	20.0 PSF	REF	R487 --	47492
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WICA: www.sociindustry.com; ICC: www.iccsafe.org		9.0503.0319.17	TC DL	10.0 PSF	DATE	04/19/11	
		No. 66648	BC DL	10.0 PSF	DRW	HCUSR487	11109045
			BC LL	0.0 PSF	HC-ENG	DR/DF	
			TOT. LD.	40.0 PSF	SEQN-	198525	
			DUR. FAC.	1.25			
			SPACING	24.0"	JREF-	1UB8487_Z06	





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

(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - HS11A)

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

Roof overhang supports 2.00 psf soffit load.

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

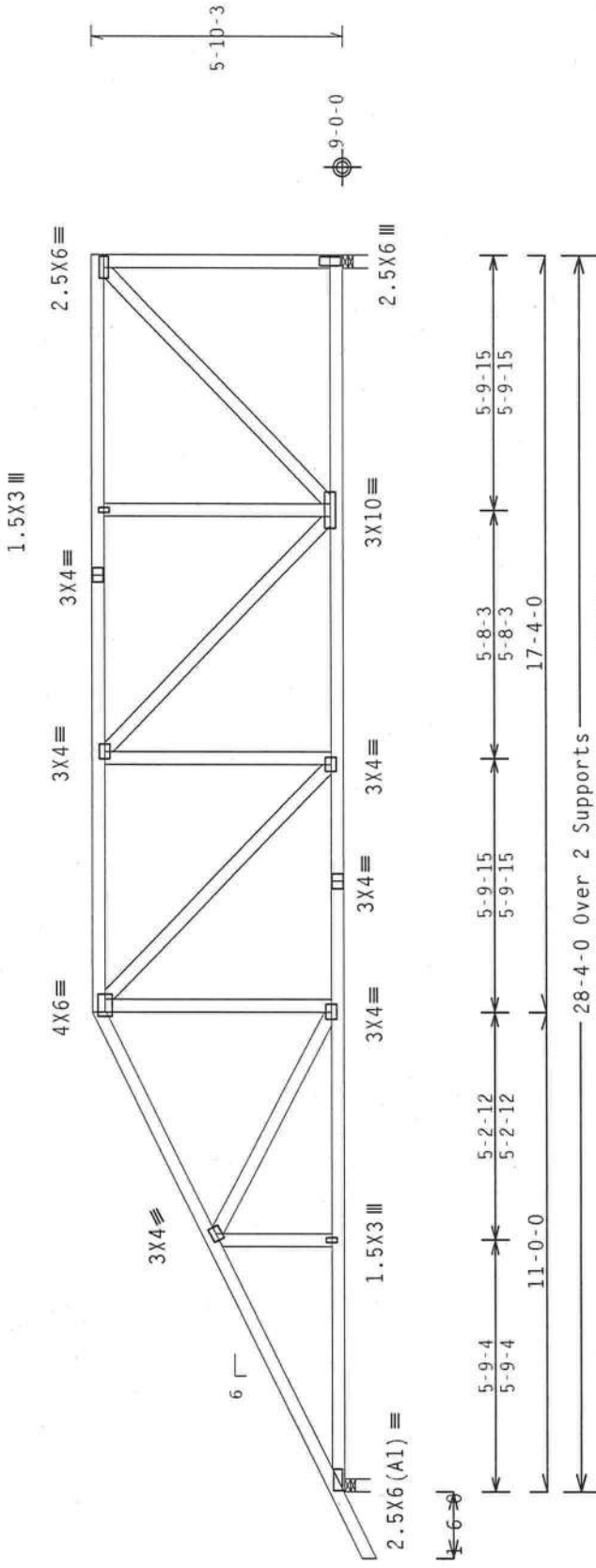
Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



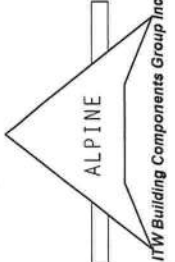
R=1276 U=116 W=3.5"
RL=144/-48

R=1158 U=131 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .25" / Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WCA) for details on proper installation and bracing. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Jointing Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. This design is not to be used for any other purpose without the written consent of ITWBCG. This job's ICC: www.tccsafe.org		DOUGLAS FLEMING LICENSE No. 66848 STATE OF FLORIDA PROFESSIONAL ENGINEER 03/03/19/17 09/05/19/2011		FL/-/4/-/4/-/R/-		REF R487 -- 47493
	TC LL		20.0 PSF		DATE 04/19/11		DRW HCUSR487 11109014
	TC DL		10.0 PSF		HC-ENG KD/DF		SEQN- 198533
	BC DL		10.0 PSF		DUR.FAC. 1.25		JREF- 1UB8487_Z06
	BC LL		0.0 PSF		SPACING 24.0"		
	TOT.LD.		40.0 PSF				



110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MNFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS Loads based on trusses located at least 7.50 ft. from roof edge.



R=1161 U=108 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

Scale = .25"/Ft.

ALPINE

nrv Building Components Group Inc.

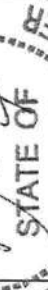
Haines City, FL 33844

FL COA #0 278

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refrain from following the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for erection practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/IPI 1, or for handling, shipping, installation or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. A seal on the bottom chord is required for all trusses. This seal shall be applied to the bottom chord of the truss and shall be the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: This Job's general notes page; ITW-BG5: www.itwbcg.com; IPI: www.ipinist.org; NICA: www.sbcindustry.com; ECC: www.eccsafe.org



NO. 06848

STATE OF FLORIDA

PROFESSIONAL ENGINEER

04/19/2011

TC LL	20.0	PSF	REF	R487 --	47494
TC DL	10.0	PSF	DATE	04/19/11	
BC DL	10.0	PSF	DRW	HCUSR487	11109015
BC LL	0.0	PSF	HC-ENG	KD/DF	*
TOT. LD.	40.0	PSF	SEQN-	198541	
DUR. FAC.	1.25				
SPACING	24.0"		JREF-	1UB8487_Z06	



110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

MFERS loads based on trusses located at least 15.00 ft. from roof edge.



R=1161 U=0 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS, INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following section BCSI Installation Commentary for more information by LPI and WCAI for additional practices prior to performing these functions. Installers shall provide temporary bracing per BCSI notes other than those shown on drawings. Trusses shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restrainer seats shall have bracing installed per BCSI sections B3, or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of trusses. ITWBCG shall not be responsible for any failure to build the truss in conformance with ANSI/AP1 3, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Order. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal over the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The availability and use of this design or any structure for any purpose other than that intended by the designer is the responsibility of the user. This job's general notes page: 11W-BCG; www.11wbcg.com; 1PI: www.11winst.org; NUSA: www.11windustry.com; ECC: www.11wccae.org

Scale = .25"/Ft.

TC LL	20.0 PSF
-------	----------

TC DL 10.0 PSF

BC DI 10.0 PSE

	BC	II	0	0	PSE
BC II					

100	0.0	77.00
TOT	1.0	40.00

101.LD.	40.0 P3F
219	1.05

DUR.FAC. 1.25

REF R487-- 47495

DATE 04/19/11

DRW HCU5R487 11109016

HC - ENG KD/DE

SEC	END	KD/DI
CEAN	100000	

ccgq6T -ND7C

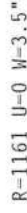


110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



28-4-0 Over 2 Supports

Scale = .25"/Ft.

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

REF R487-- 47496

DATE 04/19/11

HC-ENG KU/DF
SEQN- 198568

JREF- 1UB8487_Z06

JREF- 1UB8487_Z06



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - HT9A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B3 2x4 SP #1:
Webs 2x4 SP #3 :W13, W15 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.13" due to live load and 0.14" due to dead load.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

NOTE: LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C. MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

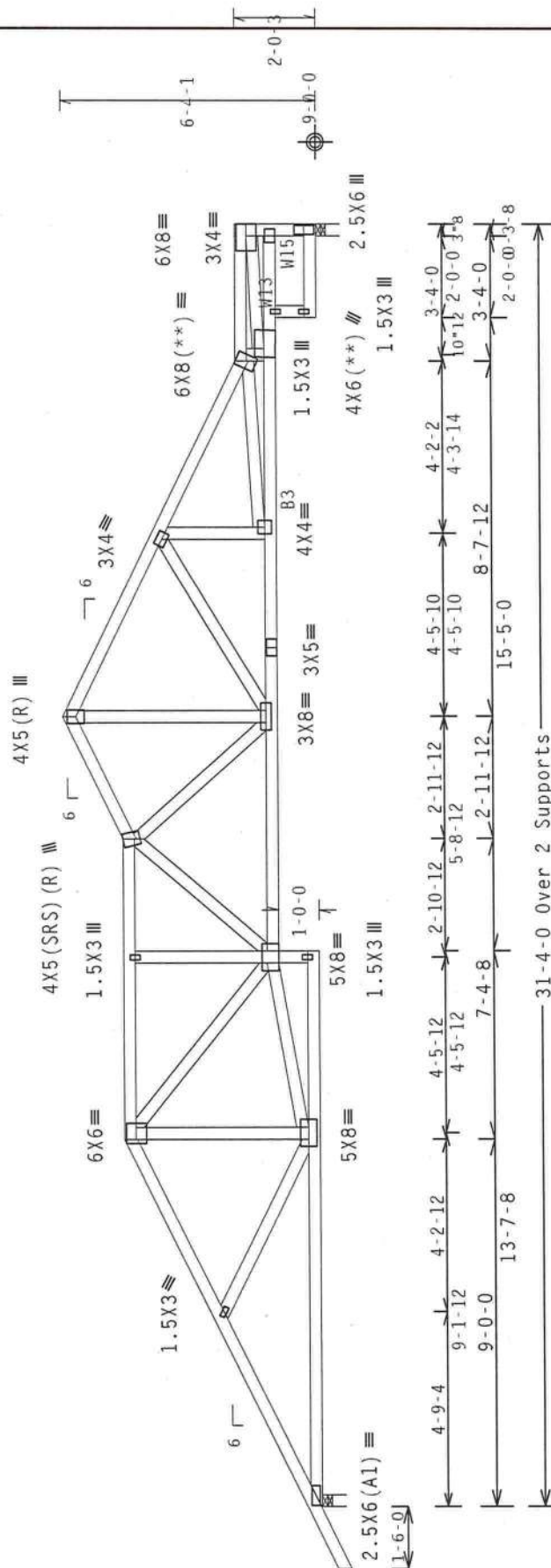
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. lw=1.00 GCpl(+/-)-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.



R=1399 U=17 W=3.5"
RL=126/-118

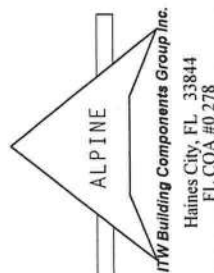
31-4-0 Over 2 Supports

R=1281 U=0 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .25"/Ft.

PLT TYP. Wave



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Components Safety Institute) Manual for detailed instructions on the correct installation of trusses. All trusses shall be installed in accordance with the manufacturer's instructions. The manufacturer shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint web shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
The Building Components Group Inc. (BCSI) shall not be responsible for any deviation from the bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering structure the responsibility solely for the design shown. The trussing shall be installed in accordance with the BCSI Manual. For more information see: This job's ICC: www.iccsafe.org
TPI: www.tpiinst.org; BCS: www.bcsindustry.com; TPI: www.tpiinst.org; BCS: www.bcsindustry.com



TC LL	20.0 PSF	FL/-4/-/-/R/-	REF	R487--	47497
TC DL	10.0 PSF		DATE	04/19/11	
BC DL	10.0 PSF		DRW	HCUSR487	11109018
BC LL	0.0 PSF		HC-ENG	KD/DF	
TOT.LD.	40.0 PSF		SEQN-	198632	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UB8487_Z06	



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - HT11A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B2 2x4 SP #1:
Webs 2x4 SP #3 :W12, W14 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

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

NOTE: LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C.
MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

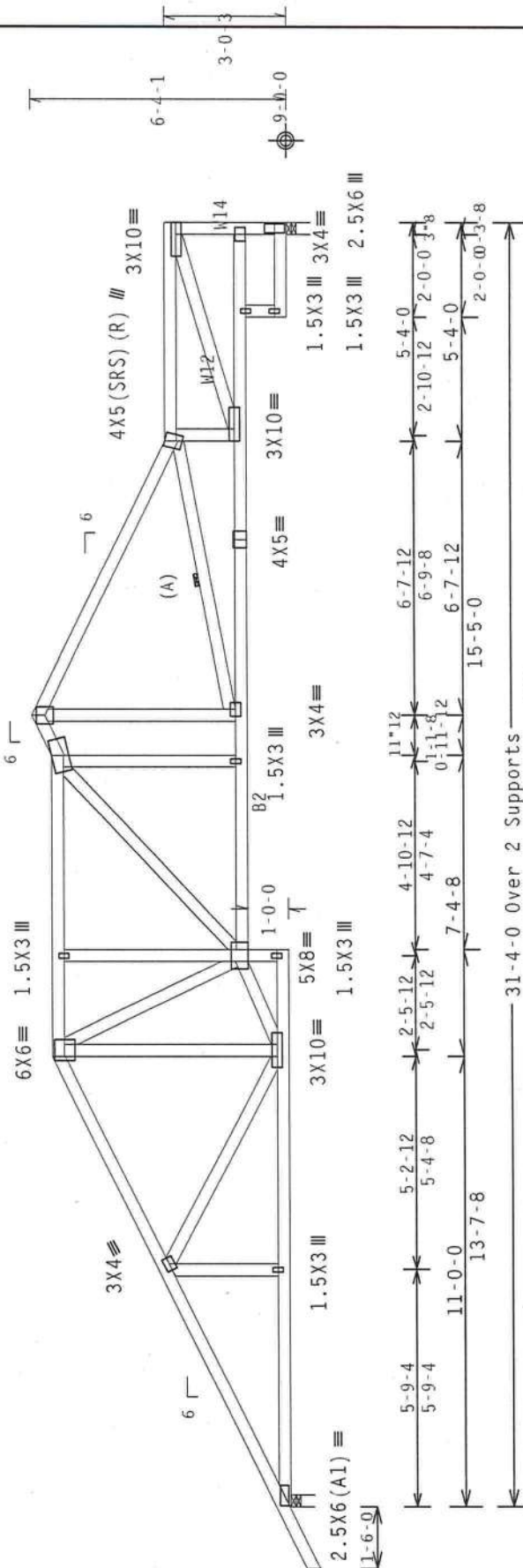
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof
edge.

5X10 (SRS) $\equiv$ 5X5 $\equiv$



R-1399 U=17 W=3.5"
RL=121/-102

31-4-0 Over 2 Supports

R-1281 U=32 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .25"/Ft.

FL/-14/-1-R/-

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

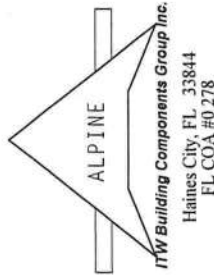
TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

JREF- 1UB8487_Z06

****HARMING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by TPI and NICA for more details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
TPI Building Components Group Inc. (TPI/BCG) shall not be responsible for any deviation from this design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1004-2 for standard plate positions.
The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: TPI-BCG: www.tbccg.com; TPI: www.tpinet.org; NICA: www.nicaindstry.com; ICC: www.iccsafe.org





(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - HT13A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W11 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

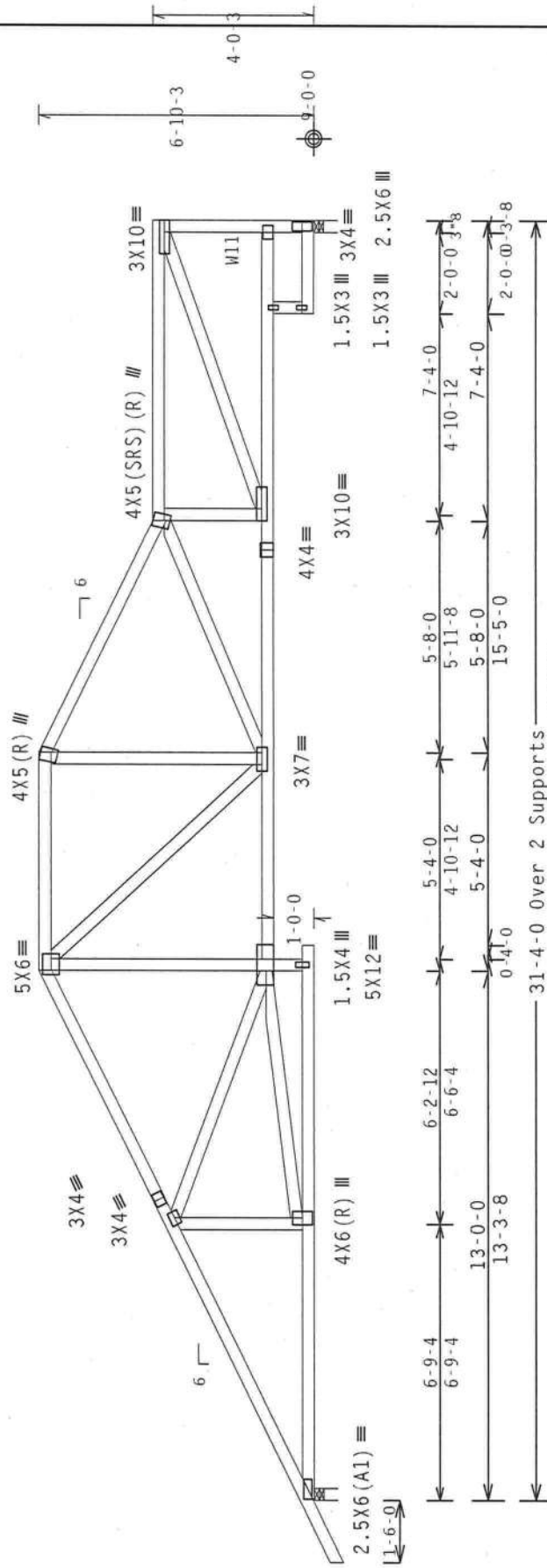
NOTE: LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C.
MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCp1(+/-)=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.



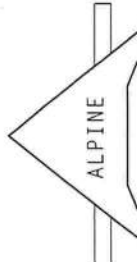
R-1399 U-0 W-3.5"
RL=127/-98

R-1281 U-38 W-3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%)/0 (0)

PLT TYP. Wave

Scale = .25" / Ft.

 ALPINE iTW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for details. Practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. iTW Building Components Group Inc. (iTWBCG) shall not be responsible for any deviation from this design. The user of this design shall be responsible for the installation of the truss system and the bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 sec.2. For more information see: This Job's general notes page: iTW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.wcaindustry.com; ICC: www.iccsafe.org			
	FL / - / 4 / - / - / R / -	TC LL	20.0 PSF	REF R487 - - 47499
	TC DL	10.0 PSF	DATE	04/19/11
	BC DL	10.0 PSF	DRW	HCUSR487 11109020
	BC LL	0.0 PSF	HC-ENG	KD/DF
	TOT.LD.	40.0 PSF	SEQN-	198656
	DUR.FAC.	1.25		
	SPACING	24.0"	JREF-	1UB8487_Z06



110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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

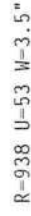
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

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



Note: All Plates Are 3X4 Except As Shown.

Scale = .25"/Ft.

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

9.05.03.0319/17 QT

BC200/Kes/IFT-2002
FT/RT=10%(0%)/0(0)

Design Critic

PLT TYP. Wave

*****WARNING***** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in factoring, hanging, shingling, installing and bracing. Refer to the following sections for more information: BCS Installation, Competency Information, by IPI and NIRA for the proper practice prior to performing these functions. Installers shall provide temporary bracing for the trusses unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint webs shall have bracing installed per BCSI sections B3, B8 or B10, as applicable.

ITW Building Components Group Inc. (IIBC) shall not be responsible for any deviation from the design shown or any failure to build the truss in conformance with ANSI/IPE 101, or for handling, shipping, installing or erecting the trusses. Apply plates to each row of truss and position as shown above and on the Job Order Form. Details, unless noted otherwise. Refer to drawings IBCA-Z for standard plate positions. A seal over the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The liability and risk of this design and any structural failure shall remain with the user of the product. For more information on our products and services, please contact us at: IBCA-USA, 800-ANSI-IPE 101, 2000 E. Main St., Suite 200, This Job's general notes page; ITH-800; www.itwbc.com; IPI: www.ipint.net; IBCA: www.ibcindustry.com; IGC: www.icgate.org

ALPINE
ITW Building Components
Haines City, FL
FL COA #02

No 86848

10.000

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STATE OF

10

071010

SS/DNAI ER

50mm

REF R487-- 47500

DATE 04/19/11

DRW HCUSP487 111109021

DKW 1100JK407 11105021

UC ENC KD/DE

HC-ENG KU/UF

SEQN- 198679

JREF- 1UB8487_Z06



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - AT)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W12 2x4 SP #2 Dense:
Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

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

NOTE: LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 2'0" O.C.
MAX. INCLUDING A LATERAL BRACE AT CHORD ENDS.

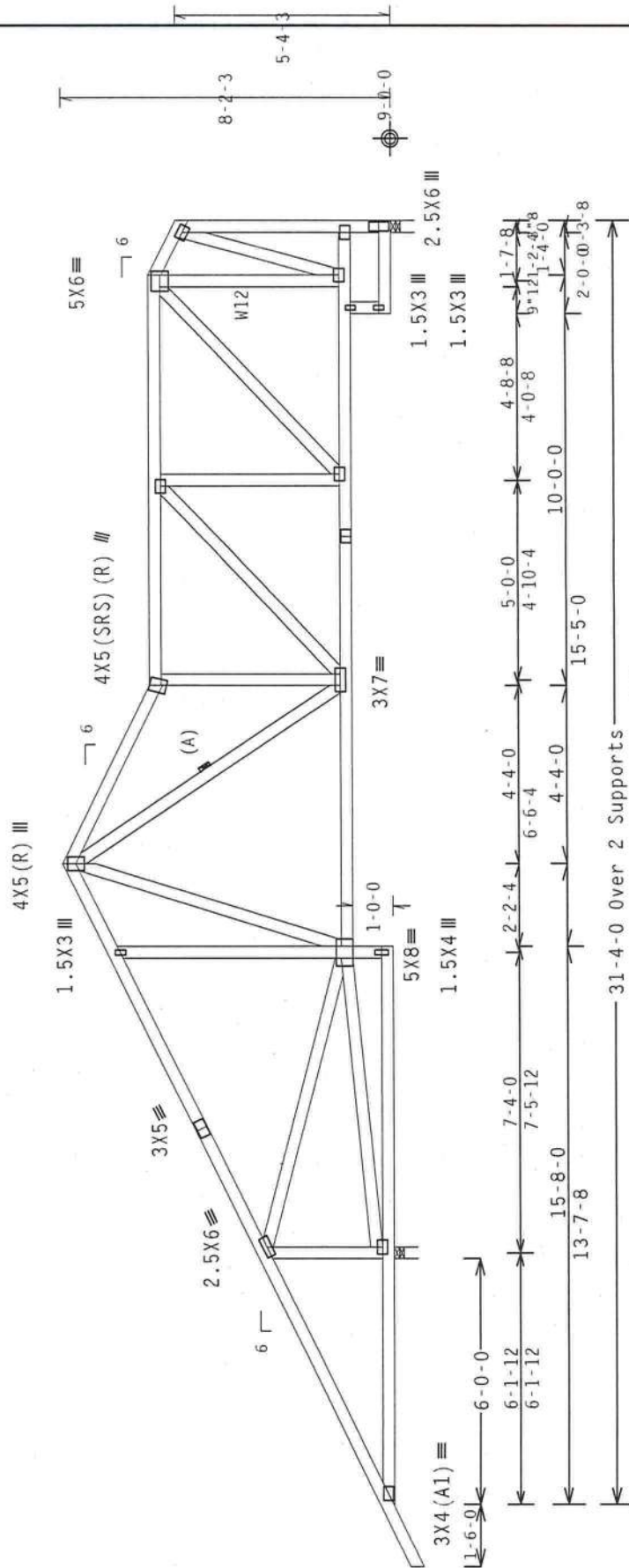
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. IW=1.00 GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof
edge.

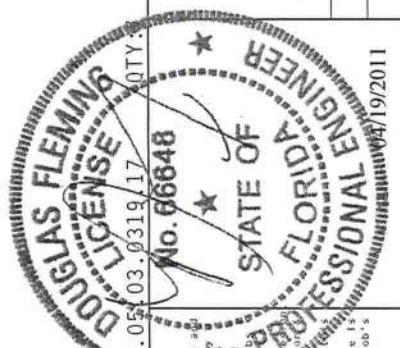


R-1743 U=0 W=3.5"
RL=147/-104

3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (STD)

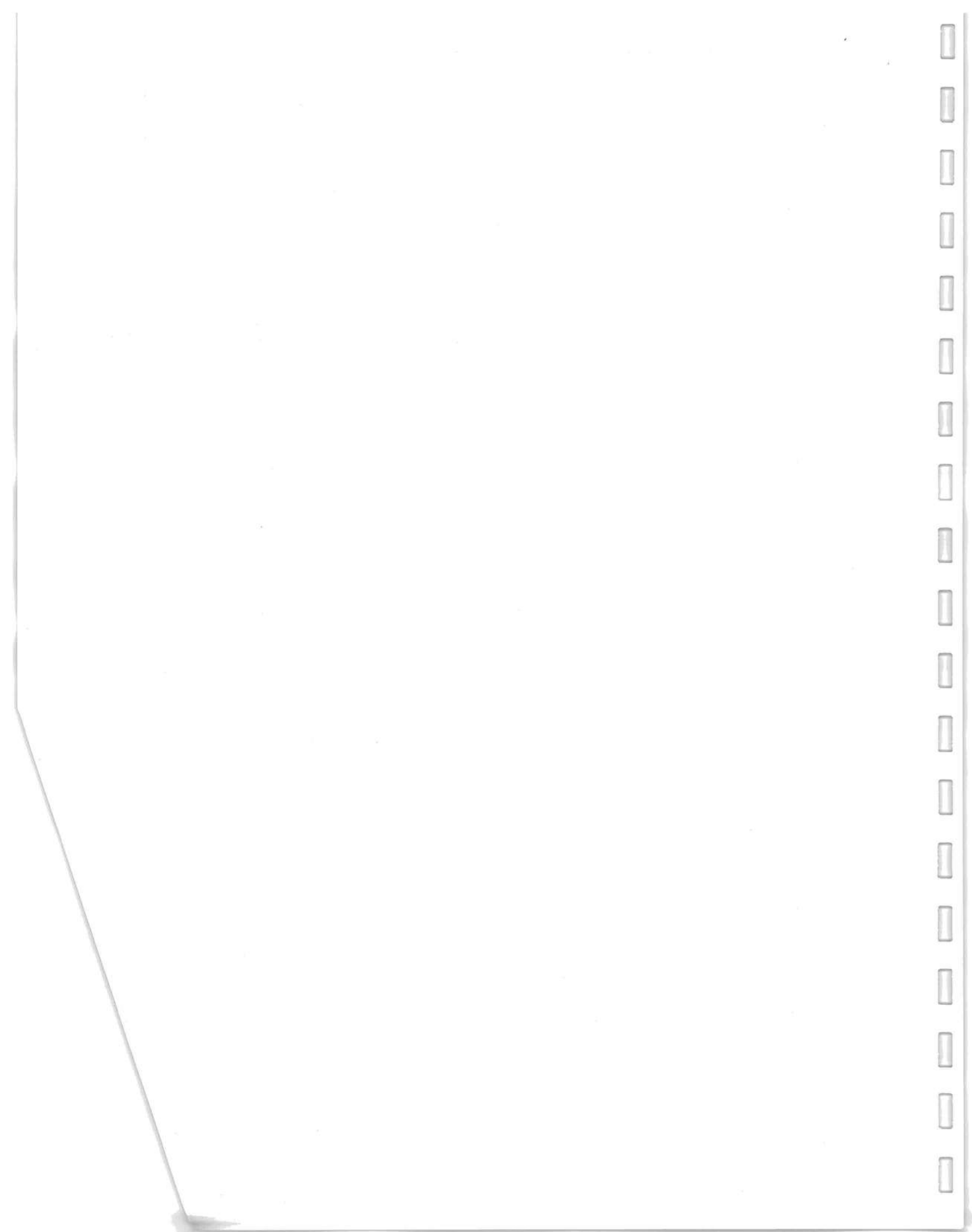
FT/RT=10%(0%)/0(0)



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL COMPANIONS INCLUDING INSTALLERS.
Exercise extreme care in fabricating, handling, shipping, installing and bracing. Refer to the
edition of BCSI Building Component Safety Information, by TPI and WCAI for details on
performing these functions. Installers shall provide temporary bracing per BCSI
top chord shall have properly attached structural sheathing and bottom chord
sheathing shall be attached to the top chord. Locations shown for permanent lateral restraint
per BCSI sections B3, B7 or B10, as applicable.
inc. (IIMBCU) shall not be responsible for any deviation from this design.
Performance with ANSI/TPI 1, or for handling, shipping, installing and bracing.
Each fabricator and installer shall be responsible for obtaining the necessary
to develop proper bracing for standard plate positions. A seal on
indicates acceptance of professional engineering.
The suitability and use of this design for any structure is
ANSI/TPI 1 Sec.2. For more information see: This Job's
www.tpinet.org; NICA: www.nicaindust.org

FL/-4/-/-/R/- Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R487-- 47501
TC DL	10.0 PSF	DATE	04/19/11
BC DL	10.0 PSF	DRW	HCUSR487 11109022
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT.LD.	40.0 PSF	SEQN-	198702
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UB8487_Z06





(11-086--Fill) in later BRYAN ZECHER/DECKER --, ** - H9B)

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

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 7-05, 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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

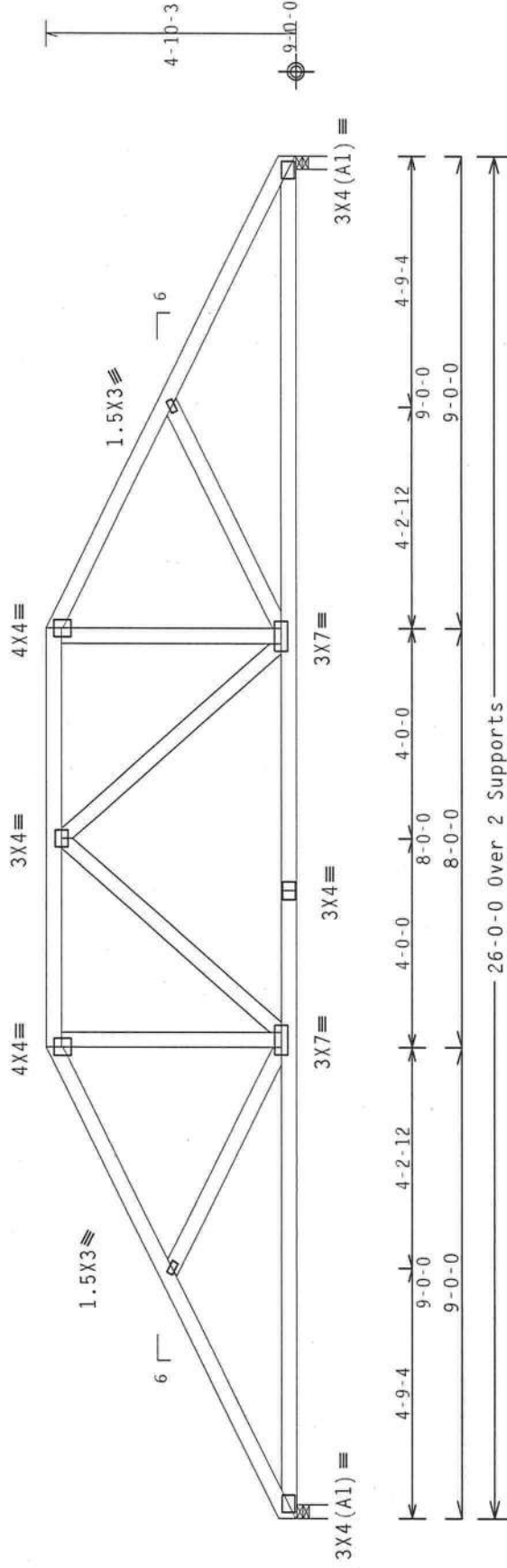
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-1071 U-99 W-3"
RL-92/-92

R-1071 U-99 W-3"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .3125"/Ft.

FL/-4/-/R/-

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF R487-- 47503

DATE 04/19/11

DRW HCUR487 11109024

HC-ENG KD/DF

SEQN- 198460

JREF- 1UB8487_Z06

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

04/19/2011

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(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - H7C)

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

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

Roof overhang supports 2.00 psf soffit load.

(H1) = (J) Hanger not calculated (1)2x6 SP #2 supporting member.

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

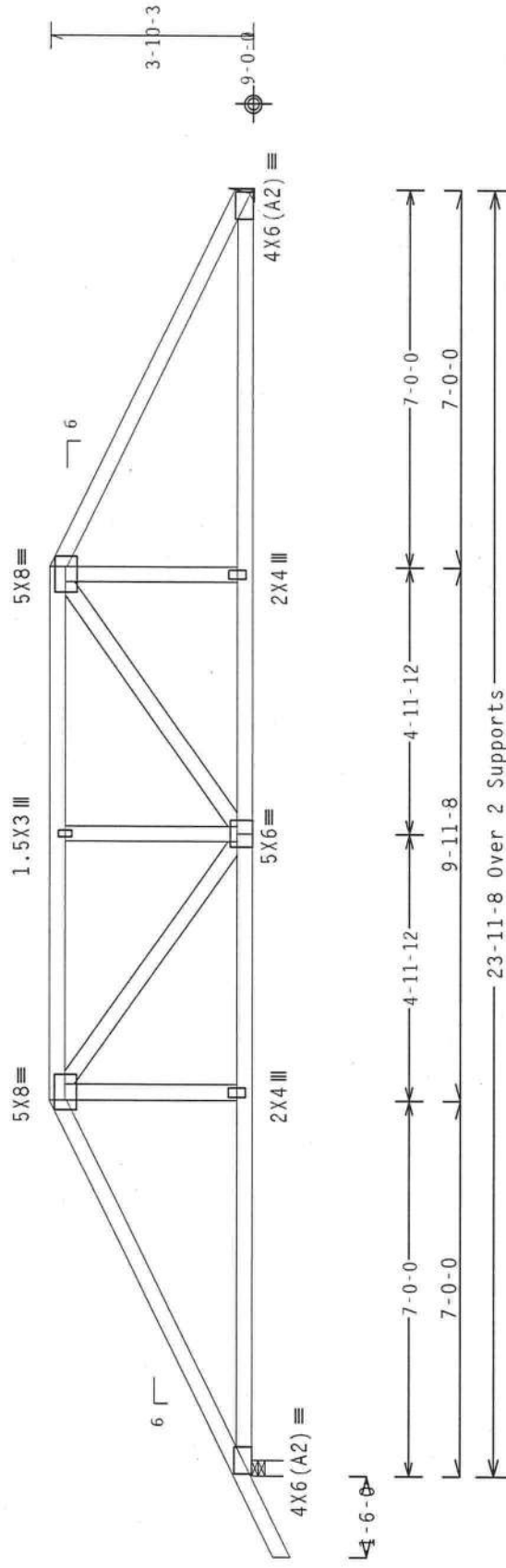
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 MWFRS pressures.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.



R-2044 U-295 W-3.5"

R-1933 U-265
H-H1

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%) / 0 (0)

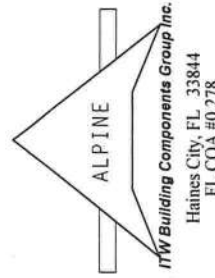
PLT TYP. Wave

FL / - / 4 / - / R / -
Scale = .3125" / Ft.

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and MICA) for details and practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Trusses shall be properly braced and bracing shall be removed only after the truss has been permanently braced. Trusses shall have a properly attached rigid ceiling locations, for permanent lateral restraint. Trusses shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the details shown on this drawing. The truss is to be installed in accordance with the details shown on this drawing. Any failure to build the truss in accordance with the details shown on this drawing shall be the responsibility of the contractor. Refer to drawings 1604-Z for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: This Job's Truss Detailing Page, ITW-BCG: www.itwbcg.com; IPI: www.tpiinst.org; MICA: www.sciindustry.com; ICC: www.iccsafe.org



TC LL	20.0 PSF	REF	R487 - - 47504
TC DL	10.0 PSF	DATE	04/19/11
BC DL	10.0 PSF	DRW	HCSR487 11109025
BC LL	0.0 PSF	HC-ENG	KD/DF
TOT. LD.	40.0 PSF	SEQN	198413
DUR. FAC.	1.25		
SPACING	24.0"	JREF	1UB8487_Z06



(11-086--Fill in later BRYAN ZECHER/DECKER -- , ** - H9C)

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

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 7-05, 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. lw=1.00 GCp1(+/-)-0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

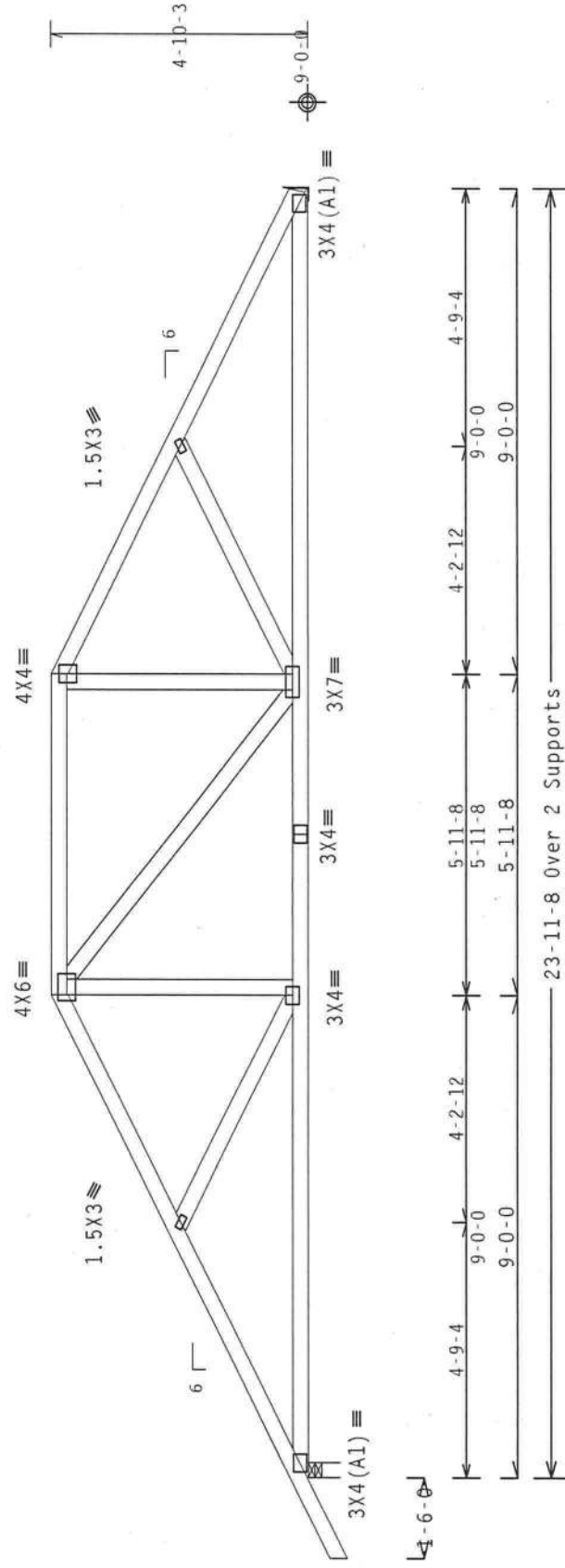
(H1) = (J) Hanger not calculated (1)2x6 SP #2
supporting member.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-1092 U-109 W-3.5"
RL-104/-111

R-982 U-89
H-H1

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .3125"/Ft.

REF R487-- 47505

DATE 04/19/11

DRW HCUSR487 11109026

HC-ENG KD/DF

SEQN- 198420

JREF- 1UB8487_Z06

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refrain from making any modifications to the design without the approval of the designer. Follow the latest edition of BCSI (Building Component Safety Information, by TPI and KICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of chords shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing, bracing or trusses. Apply plates to each face of truss and position as shown above and on the joint between trusses. Trusses shall be installed in accordance with the design shown. The responsibility of the building designer for the design shown. Indicates acceptance of professional engineering responsibility solely for the design shown. For more information see: This Job's general notes page: ITH-BCG; www.ithbcg.com; TPI: www.tpi1st.org; WICA: www.schindler.org; ICC: www.iccsafe.org



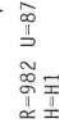
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 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.

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%) / 0 (0)

Scale = .3125"/Ft.



TC LL	20.0	PSF	REF	R487 --	47506
TC DL	10.0	PSF	DATE	04/19/11	
BC DL	10.0	PSF	DRW	HCUSR487	11109027
BC LL	0.0	PSF	HC-ENG	KD/DF	*
TOT.LD.	40.0	PSF	SEQN-	198429	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UB8487_Z06	



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - C)

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

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 7-05, 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. $I_w=1.00$ GCPI (+/-)=0.18

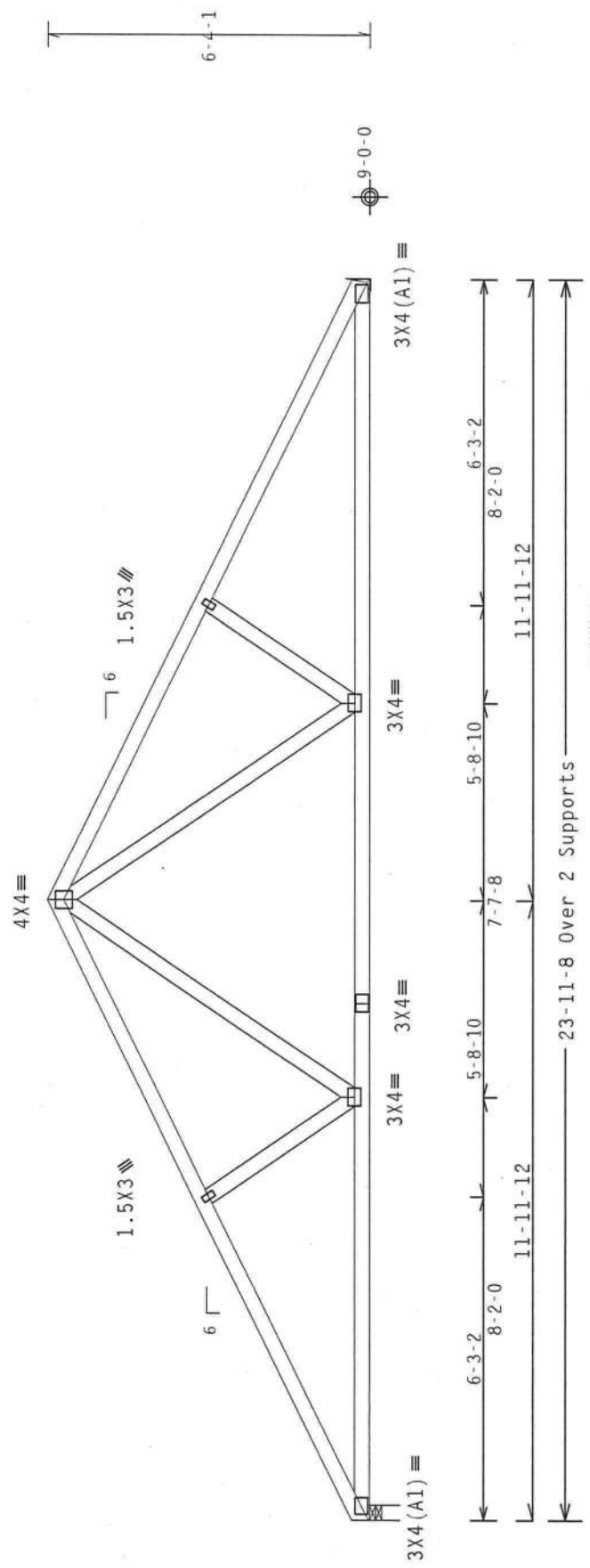
(H1) = (J) Hanger not calculated (1)2x6 SP #2
supporting member.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-987 U-87 W-3.5"
RL-123/-123

R-986 U-87
H-H1

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

Scale = .3125"/Ft.

PLT TYP. Wave	Douglas Fleming FLORIDA PROFESSIONAL ENGINEER No. 66848 9.05.03.0319.17 FL/4/-/-/R/-	
	TC LL	20.0 PSF
	TC DL	10.0 PSF
	BC DL	10.0 PSF
	BC LL	0.0 PSF
ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278		TOT.LD.
		40.0 PSF
		DUR.FAC.
		1.25
		SPACING
		24.0"
		JREF- 1UB8487_Z06





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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Bottom chord checked for 10.00 psf non-concurrent live load.

MUFRS loads based on trusses located at least 7.50 ft. from roof edge.



Design Crit: FBC2007Res/TPI-2002 (STD)

05/03.0319/17 QTY:

Scale = .25"/Ft.

No. 66848

STATE

STATE OF

ADIDAS

LIBRARY

PROFESSIONAL ENGINEER

04/19/2011

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



Scale = .25"/Ft.

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

Scale = .25"/Ft.

REF R487-- 47510

DATE 04/19/11

DRW HCUSR487 11109031

HC-ENG KD/DF

SEQN-	198398
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JREF- 1UB8487 Z06

100



(11-086--Fill in later BRYAN ZECHER/DECKER -- ** - D)

	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 7-05, 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 GCp1(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

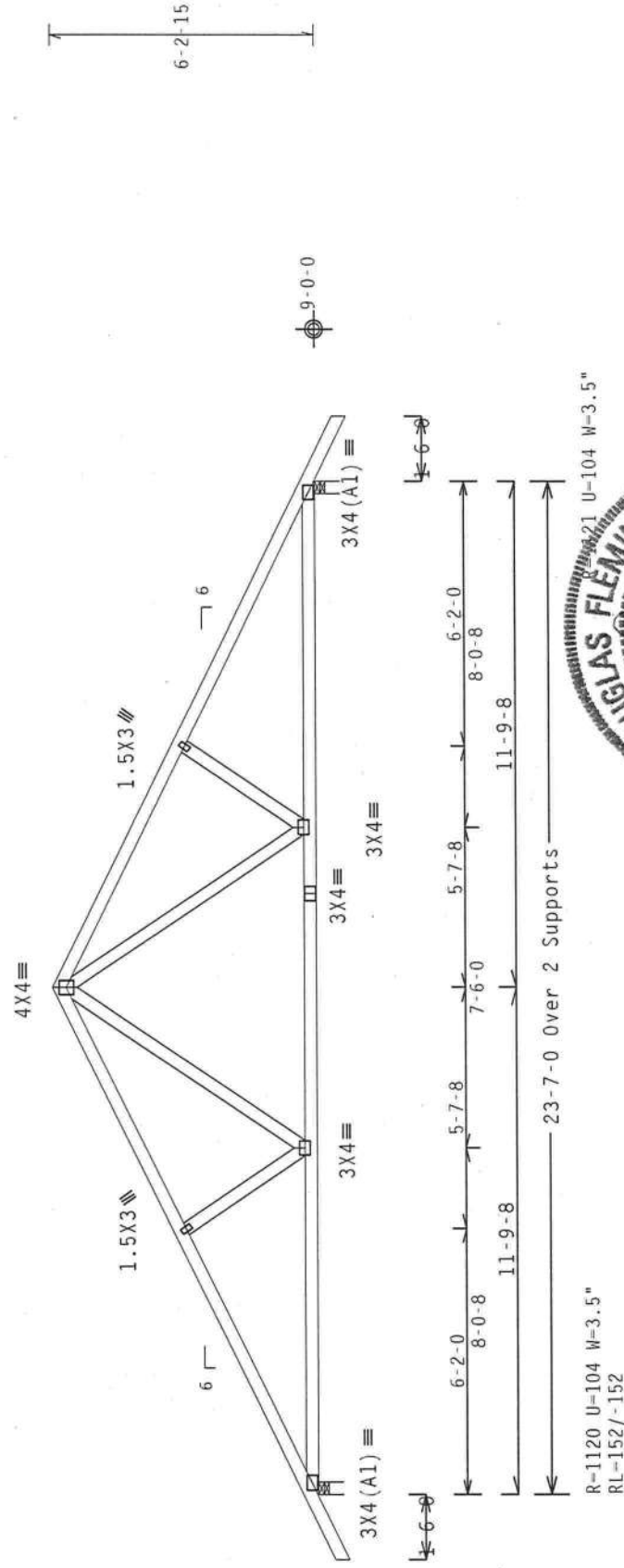
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Bottom chord checked for 10.00 psf non-concurrent live load.

with 42"-high x 24"-wide clearance.

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

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-1120 U=104 W=3.5"
RL-152/-152

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

PLT TYP. Wave

05:03.0319✓17

Scale = .25"/Ft.

REF R487-- 47511

DATE 04/19/11

ORNL 61/10/11

UKW ACU3R487 I1109032
UNO FNO KQJOF

HC-ENG KD/DF

SEQN- 198405

JREF- 1UB8487 Z06

-WARNING- READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

IMPORTANT
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by IPI and WICA for the best practices prior to performing these functions. Installers shall provide temporary bracing and shoring until permanent lateral restraint has been achieved.
Unless noted otherwise, all dimensions are in feet and inches, rounded up to the next whole number and all angles are in degrees.
All trusses shall be installed rigidly at locations shown for permanent lateral restraint or they shall have bracing between BCSE sections B3, B7 or B10, as applicable.

TIM Building Components Group Inc. (TIMBG) shall not be responsible for any deviation from this design or installation details. The ANSI/IPE 101 for handling, shipping, installation details of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPE 1 Sec.2. For more information see: general notes page: TIM-BG3; www.tbccy.com; IPI: www.iptimepro.com; WICA: www.bcbuildcast.com;

* "WARNING" READ AND FOLLOW ALL NOTES ON THIS SHEET!

Trusses require extreme care in fabricating, handling, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Institute), by IPI and NICA for practices prior to performing these functions. Installers and producers of steel trusses should be advised that the following information is provided for informational and cautionary purposes only. It is not intended to be a substitute for the manufacturer's literature and shall be used properly attached rigid ceiling. Locations shown for permanent lateral restraint of wall have bracing installed per BCSI sections B3, B4, B10, as applicable.

IN Building Components Group Inc. (INBCG) shall not be responsible for any deviation from this drawing and/or specification. INBCG shall be responsible for the design of the truss, including the loading and bracing of trusses, with ANSI/PP1 or for handling, shipping, installation, detailing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/PP1 Sec.2. For more information see: This Job's general notes page: IN-BCG; www.inbcg.com; PP1: www.pp1inc.org; WICA: www.abcdinstitute.com;

the responsibility of the Building Designer per ANSI/ISO 1 Sec.2. For more information see: general notes page: 11W-B65; www.tlvoc9.com; www.tpinat.org; www.sbeindustry.com; this job.

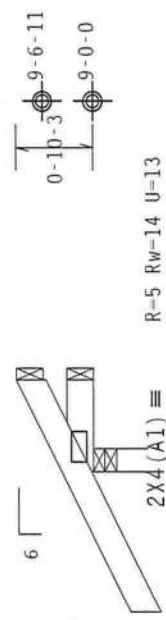


(11-086--Fill) in later BRYAN ZECHER/DECKER --, ** - C.J1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. 1W=1.00 GCpi(+/-)-0.18
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.

R=-50 Rw=24 U=38



1-1-6-0-0
1-0-0 over 3 Supports
R=248 U=48 W=3"
RL=28/-22

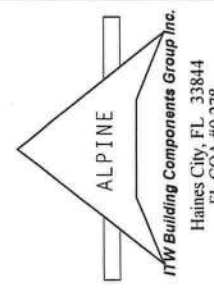
Design Crit: FBC2007Res/TPI-2002 (STD)
FI/RT=10%(0%)/0(0)

PLT TYP. Wave

QTY	16	FL/-/4/-/R/-	Scale =.5"/Ft.
TC LL	20.0	PSF	REF R487-- 47512
TC DL	10.0	PSF	DATE 04/19/11
BC DL	10.0	PSF	DRW HCUSR487 11109033
BC LL	0.0	PSF	HC-ENG KD/DF
TOT.LD.	40.0	PSF	SEQN- 198336
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UB8487_Z06



****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise, Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or on the page for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page; ITW-BCG: www.itwbcg.com; IPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org





(11-086--Fill in later BRYAN ZECHER/DECKER -- , ** - CJ3)

Top	chord	2x4	SP	#2	Dense
Rot	chord	2x4	SP	#2	Dense

Roof overhang supports 2.00 psf soffit load.

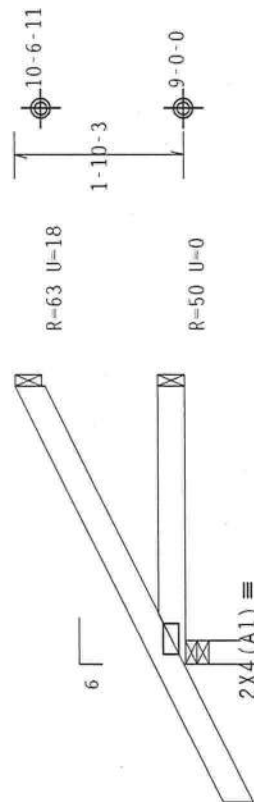
Bottom chord checked for 10.00 psf non-concurrent live load.

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



1-6-07

3-0-0 Over 3 Supports

R=260 U=25 W=3"
RL=52/-27

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%) / 0(0)

PLT TYP. Wave

Scale = .5"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

STATE OF FLORIDA

PROFESSIONAL ENGINEER

No. 66648

04/19/2011

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ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in accordance with this design, or any failure to follow the design details. Details, unless noted otherwise. Refer to drawings 1604-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1 sec.2. For more information see: the general notes page: ITW-BCG.com; www.itwbcg.com; www.dpinst.org; NICA: www.suctindustry.com;



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - CJS)

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

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

Roof overhang supports 2.00 psf soffit load.

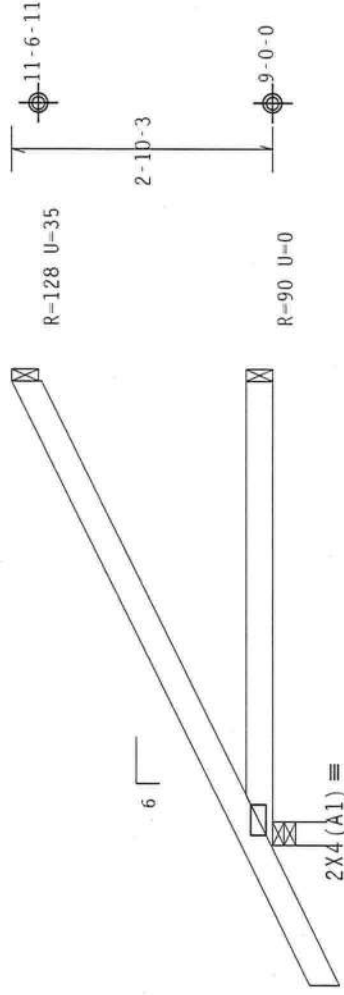
Bottom chord checked for 10.00 psf non-concurrent live load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ GCp1 (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



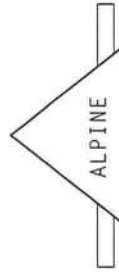
← 1-6-0 →

← 5-0-0 Over 3 Supports →

R=329 U=24 W=3"
RL=75/-32

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278



****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
****IMPORTANT**** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint. Web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing, bracing or erecting the truss. ITWBCG shall not be responsible for any damage to the building or other property resulting from the use of this design. Refer to drawing 1608-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; WCA: www.sbcindustry.com; ICC: www.iccsafe.org

QTY 14	FL / - / 4 / - / - / R / -	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R487 -- 47514
TC DL	10.0 PSF	DATE 04/19/11
BC DL	10.0 PSF	DRW HCUSR487 11109035
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEQN- 198342
DUR.FAC.	1.25	JREF- 1UB8487_Z06
SPACING	24.0"	



(11-086--fill in later BRYAN ZECHER/DECKER -- , ** - EJ7)

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

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

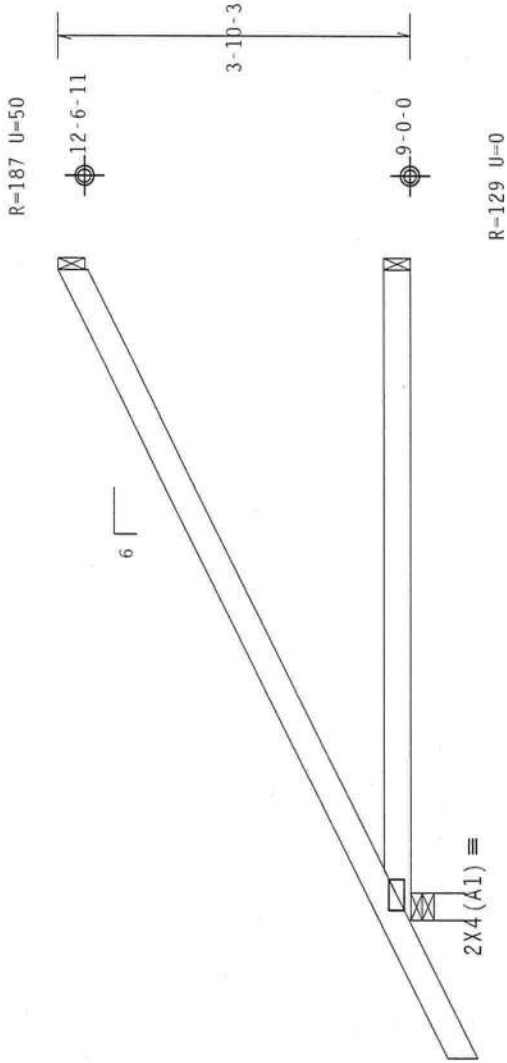
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 MWFRS pressures.

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

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



1'-6'-0" →
7'-0'-0" Over 3 Supports
R-408 U=25 W=3.5"
RL=98/-37

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
19/2011

Scale = 5"/Ft.	REF R487-- 47515
DATE 04/19/11	DRW HCUR487 11109043
HC-ENG KD/DF	SEQN- 198345
TOT.LD. 40.0 PSF	DUR.FAC. 1.25
SPACING 24.0"	JREF- 1UB8487_Z06

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPARTMENTS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and HICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint or webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the job site. Drawing or cover page listing this design, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; HICA: www.hicaindustry.com; ICC: www.iccsafe.org



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

(11-086--Fill in later BRYAN ZECHER/DECKER -- ** - CJ3T)

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 7-05, 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

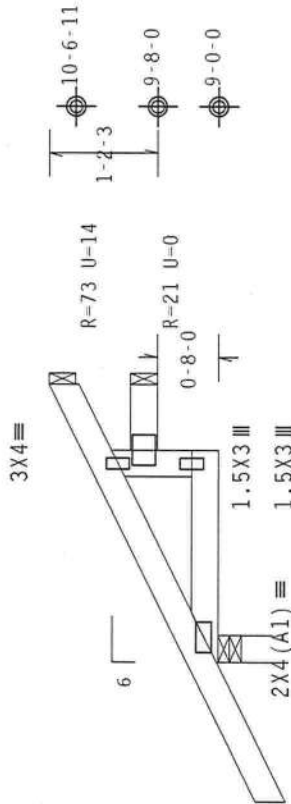
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MMFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

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



1-6-0

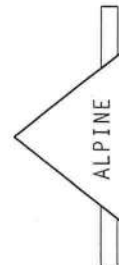
2-3-8

3-0-0 over 3 3-8 8-5 8

R=262 U=26 W=3.5"
RL-52/-27

Design Crit: FBC2007Res/TPI-2002 (STD)
FI/RT=10%(0%)/0(0)

PLT TYP. Wave



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the bottom chord is required for all trusses. The seal shall be applied to the bottom chord of the truss. The responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinst.org; WICA: www.shcindustry.com; ICC: www.iccsafe.org



FL/-4/-/-R/-

Scale =.5"/Ft.

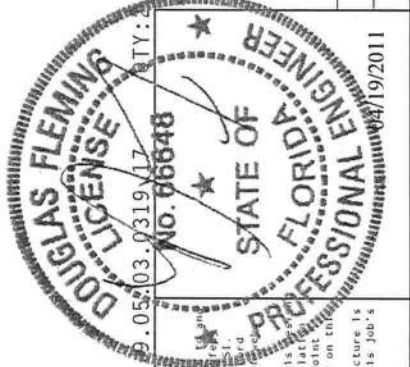
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TC DL	10.0 PSF	DATE	04/19/11
BC DL	10.0 PSF	DRW	HCUSR487 11109036
BC LL	0.0 PSF	HC-ENG	KD/DF *
TOT.LD.	40.0 PSF	SEQN-	198349
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UB8487_Z06



110 mph wind. 15.00 ft mean hgt. ASCE 7-05. 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. lw=1.00 GCpf(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

TC LL	20.0	PSF	REF R487 - - 47517
TC DL	10.0	PSF	DATE 04/19/11
BC DL	10.0	PSF	DRW HCUR487 11109037
BC LL	0.0	PSF	HC-ENG KD/DF
TOT.LD.	40.0	PSF	SEQN- 198353
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1UB8487_Z06

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.**

****IMPORTANT****

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

IW Building Components Group Inc. (IWBCG) shall not be responsible for any deviation from this design if any failure to build the truss in conformance with ANSI/IPI 1, or for handling, shipping, installing, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Detail. Seal all openings with a weather resistant sealant. Seal on the bottom chord with a weather resistant sealant.

Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: This Job's general notes page: IPI-BGCG: www.iwbcg.com; IPI: www.iptnort.org; NICA: www.abcfindustry.com; CBC: www.tccsafe.org

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278



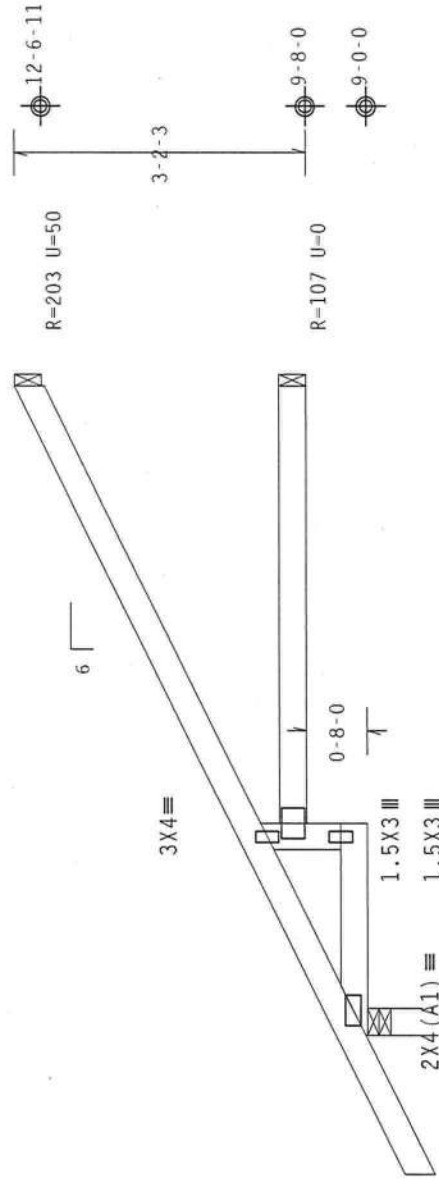
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ GCP1 (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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


$$\begin{array}{c} \downarrow \\ 0-9-1 \\ \downarrow \end{array}$$

2-3-8 4-8-8
7-0-0 Over 3 Supports

R=408 U=25 W=3.5"
RL=98/-37

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

9.05.03.0319.17 QTY:

Scale = .5"/Ft.

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
IMPORTANT

REF R487-- 47518

Trusses require extreme care in farplanning, handling, shipping, installing and bracing. For full instructions, consult the most recent editions of BCSI Building Component Specification, by IPI and NIRA for the applicable code jurisdiction. For more information, contact BCSI at 1-800-368-7263. BCSI does not warrant or assume any liability for the use of the information contained herein. BCSI shall provide temporary bracing practices prior to performing these functions. Installers shall provide structural sheathing and bottom chord bracing for all trusses. Trusses shall be braced in accordance with the applicable code jurisdiction. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

DATE 04/19/11

practices prior to performing these functions. Installers shall provide temporary bracing per
Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom
shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint o
shall have bracing installed per RCSI sections B3, B7 or B10, as applicable.

DRW HCUSR487 11109038

shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BSI sections B3, B7 or B10, as applicable.

HC-ENG KD/DE

any failure to build the truss in conformance with ANSI/IPI 1, or for handling, shipping, installation or erection of the truss. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design of the truss. Apply rules to each face of truss and position as shown above and on the back of trusses.

108 LIND RD/BI
SE0N- 108357

drawing or cover page listing this drawing, indicates acceptance of professional engineering details, unless noted otherwise. Refer to drawings t60u-2 for standard plate positions. A seal applying plates to each plate position and position on the drawing or cover page listing this drawing, indicates acceptance of professional engineering details, unless noted otherwise. Refer to drawings t60u-2 for standard plate positions. A seal

160807 - NDBJC

responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/ASCE 1 Sec. 2. For more information see: <http://www.asce.org>

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general notes page: lin-bio.su.unc.edu; IPAT: www.ipatinst.org; AICA: www.30cindustry.com;
ICC: www.icsafe.org

JREF- IUB8487_-Z06



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - HJ7)

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

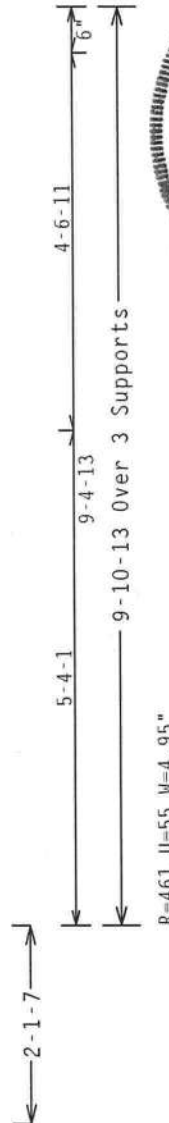
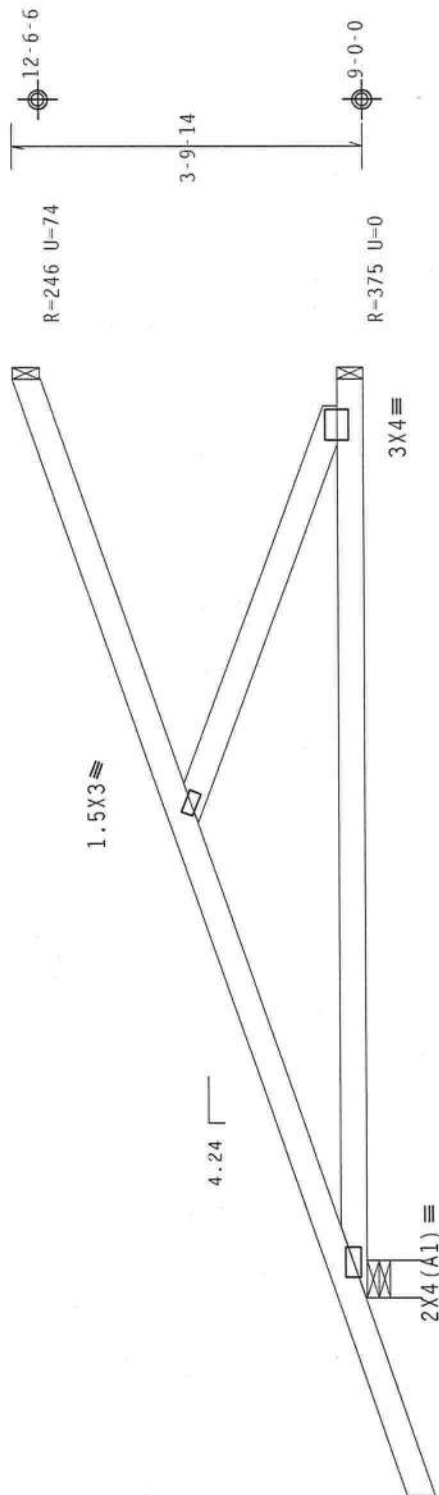
Hipjack supports 7'-0" setback jacks with no webs.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 Gcpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .5" / Ft.

 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	PLT TYP. Wave		Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%)/0(0)		Scale = .5" / Ft.	
	FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		9.08.03.0319.17		FL / - / 4 / - / R / -	
	WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.		No. 66848		TC LL 20.0 PSF	
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint. Trusses shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.		9.08.03.0319.17		TC DL 10.0 PSF	
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the any failure to build the truss in accordance with ANSI/HI 1.1-1.2, Building Component Safety Information, by IPI and NICA, or any deviation from the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for safety practices prior to performing these functions. Refer to drawings 1600-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/HI 1.1 Sec.2. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; IPI: www.ipinst.org; NICA: www.nicaindstry.com; ICC: www.iccsafe.org		9.08.03.0319.17		BC DL 10.0 PSF	
					BC LL 0.0 PSF	
					TOT.LD. 40.0 PSF	
					DUR.FAC. 1.25	
					SPACING 24.0"	
					JREF- 1UB8487_Z06	



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - HJ7T)

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

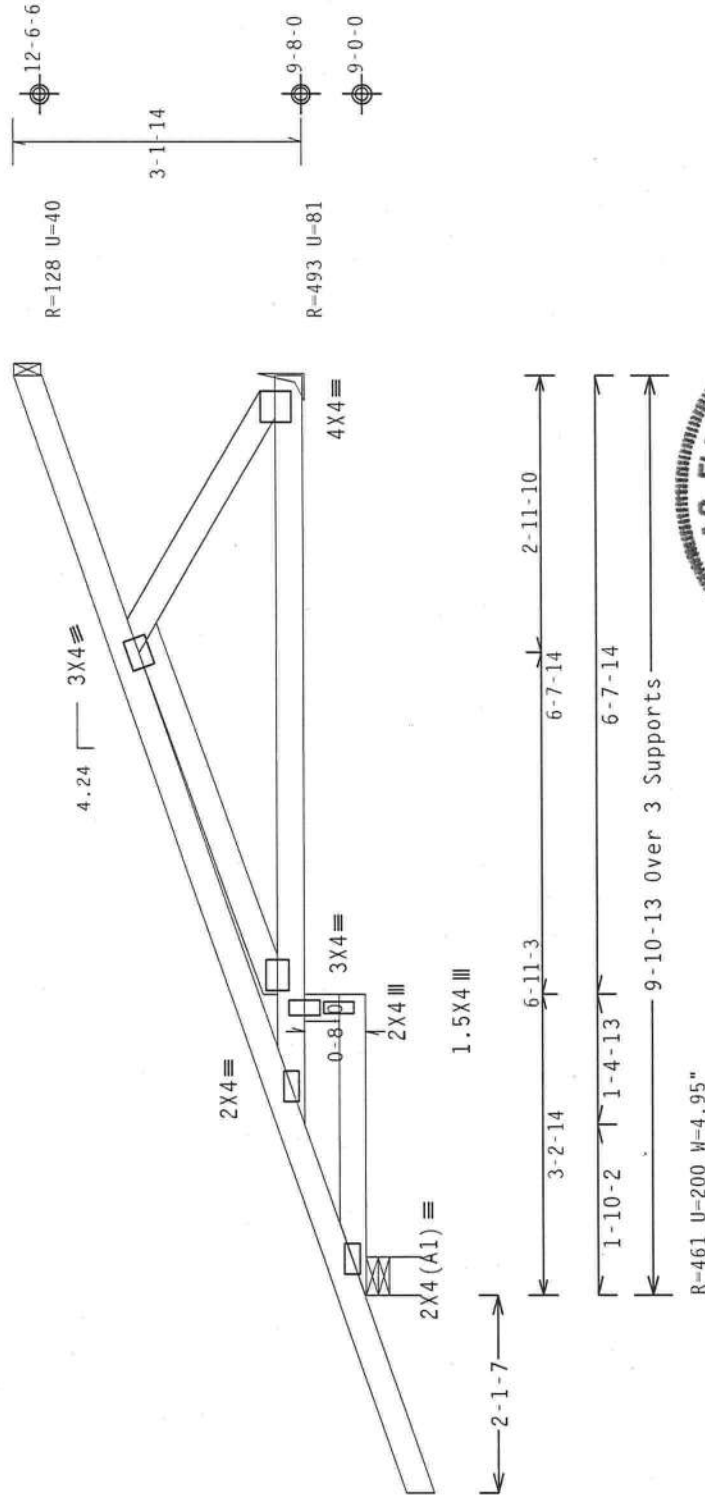
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Hipjack supports 7-0-0 setback Jacks with no webs.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCP1 (+/-)=0.18

Wind reactions based on MWFRS pressures.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
PROVIDE HANGER OR SPECIAL CONNECTION AT BOTTOM CHORD.



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

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

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**HARMING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.		No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 04/19/2011		TC LL	20.0 PSF	REF	R487 --	47520
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for practices prior to performing these functions. Installers shall provide temporary bracing per the details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: 11W-B00: www.itwbcg.com; TPI: www.tpinet.org; WICA: www.bcsindustry.com; ICC: www.iccsafe.org				TC DL	10.0 PSF	DATE	04/19/11	
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or building the truss in conformance with ANSI/TPI 1 or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes page: 11W-B00: www.itwbcg.com; TPI: www.tpinet.org; WICA: www.bcsindustry.com; ICC: www.iccsafe.org				BC DL	10.0 PSF	DRW	HCUR487	11109040
					BC LL	0.0 PSF	HC-ENG	KD/DF	
					TOT.LD.	40.0 PSF	SEQN-	198377	
					DUR.FAC.	1.25			
					SPACING	24.0"	JREF-	1UB8487_Z06	



(11-086--Fill in later BRYAN ZECHER/DECKER --, ** - MG)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. lw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Special loads

		Dur. Fac.-1.25 /	Plate Dur. Fac.-1.25)
TC- From	10 plf at 0.00 to 62 plf at 7.00		
BC- From	10 plf at 0.00 to 10 plf at 7.00		
BC- 1932.96	lb Conc. Load at 0.56		
BC- 981.95	lb Conc. Load at 2.56, 4.56		
BC- 985.74	lb Conc. Load at 6.56		

Right end vertical not exposed to wind pressure.

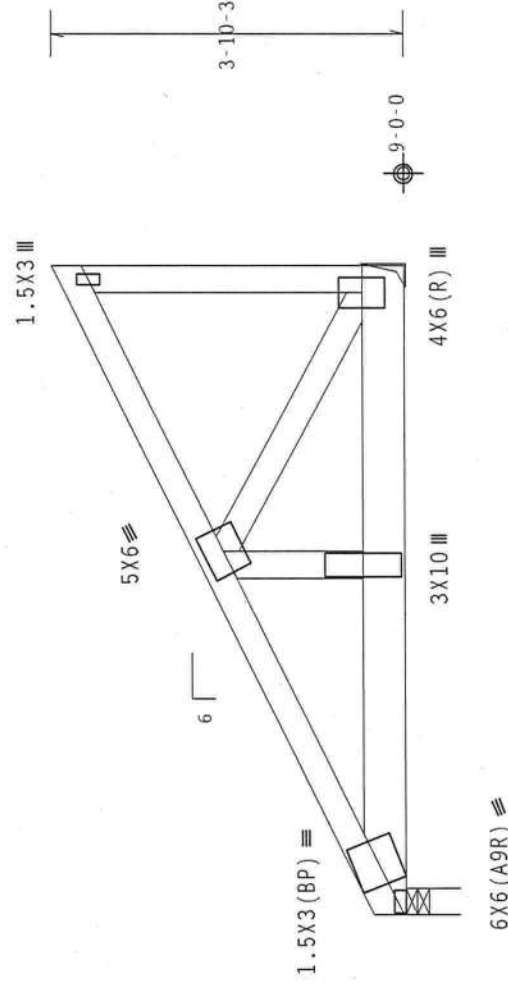


Diagram showing the distribution of 12 supports over 2 supports. The total length is 12 units. The distribution is 3-9-4 and 3-2-12.

R=3122 II=391 W=3.5"

R=2267 U=231
H=H1Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

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

TC LL 20.0 PSF

TC DI 10 0 PSE

	IC DL	10.0 F3F
DL	DL	DL
F3F	F3F	F3F

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

* * *WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
* * *IMPORTANT**

Trussers require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety Information, by IPI and IBCA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSP. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

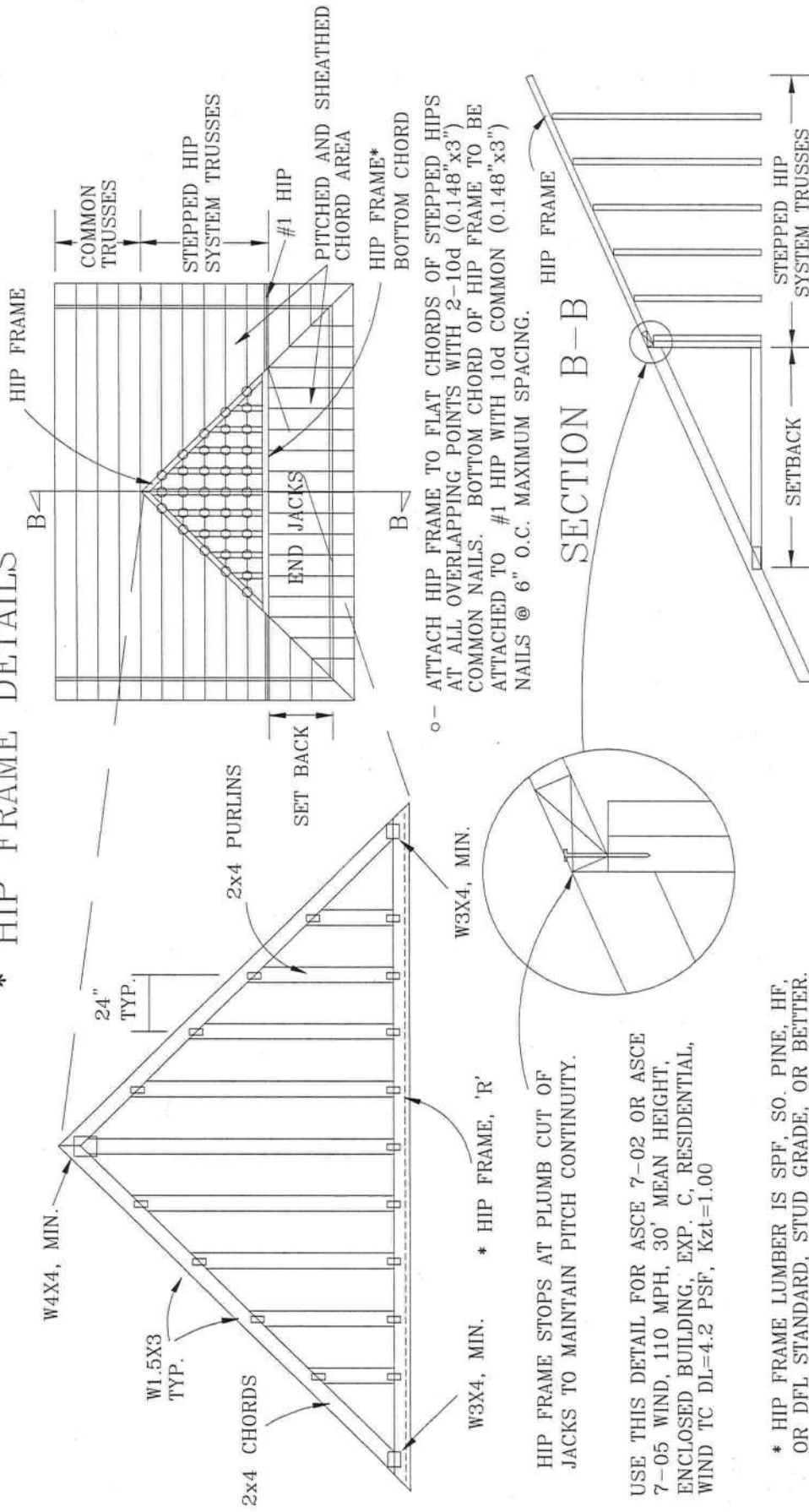
Intel Building Components Group Inc. (IntelBCG) shall not be responsible for any deviation from the drawings or specifications shown herein. The drawings are intended to provide information for the fabrication of trusses. Apply plates to each face of teesa and position as shown above and on the joining details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer. IntelBCG does not warrant the accuracy of this information. This job is the responsibility of the building designer. © 2008 Intel Building Components Group Inc. THIS JOB IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. INTELBCG: www.intelbcg.com; IPI: www.ipintest.org; ulica: www.abctindustry.com; GCI: www.lcscape.org



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278



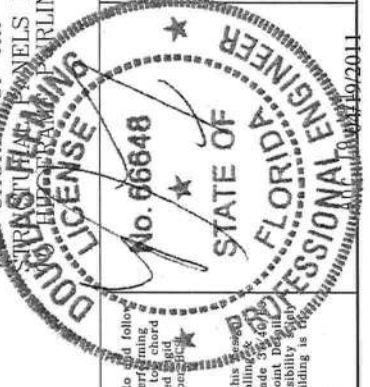
* HIP FRAME DETAILS



SEE ENGINEER'S SEALED DESIGN FOR SETBACK, LUMBER, PLATING, LOADING AND DURATION FACTOR REQUIRED.

'R' HIP FRAME CHORDS MAY BE TRIMMED UP TO 2" TO FIT.
PURLINS MUST BE INTACT AND PROPERLY ATTACHED.

HIP FRAME - PROVIDED BY TRUSS MANUFACTURER.
HIP FRAME IS DESIGNED TO PROVIDE BRACING FOR FLAT
TOP CHORDS OF HIP FRAME SYSTEM WHERE INDICATED.
STANCHION PANELS MUST BE PROPERLY ATTACHED DIRECTLY
TO HIP CHORDS.



REF	HIP FRAME
DATE	1/1/09
DRWG	HIPFRAME0109



