

DATE 05/26/2011

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000029434

APPLICANT SATBIR TALWAR PHONE 904-304-3093
ADDRESS 506 NW FAT CAT CRT LAKE CITY FL 32055
OWNER SATBIR TALWAR PHONE 904-304-3093
ADDRESS 506 NW FAT CAT CRT LAKE CITY FL 32055
CONTRACTOR OWNER BUILDER PHONE
LOCATION OF PROPERTY 90 W, R FAT CAT COUR, APPROX 1/4 MILE ON RIGHT

TYPE DEVELOPMENT SFD ADDITION ESTIMATED COST OF CONSTRUCTION 26250.00
HEATED FLOOR AREA 525.00 TOTAL AREA 525.00 HEIGHT 8.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 4/12 FLOOR FOOTER
LAND USE & ZONING AG-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 29-3S-16-02384-000 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 8.77

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 11-0209 BK TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ADDITION APPEARS TO BE LOCATED IN ZONE X AND DOES NOT EXCEED 50%

OF VALUE OF STRUCTURE

NOC ON FILE

Check # or Cash CASH

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 135.00 CERTIFICATION FEE \$ 2.63 SURCHARGE FEE \$ 2.63
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 \$ TOTAL FEE 215.26
INSPECTORS OFFICE L. H. CLERKS OFFICE

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.

JOB NO:
11-075

PAGE NO:
1 OF 1

FREEMAN DESIGNS/ TALWAR

(11-075--Fill in later FREEMAN DESIGNS/TALWAR -- , ** - H7A)

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 GCp1 (+/-)=0.18

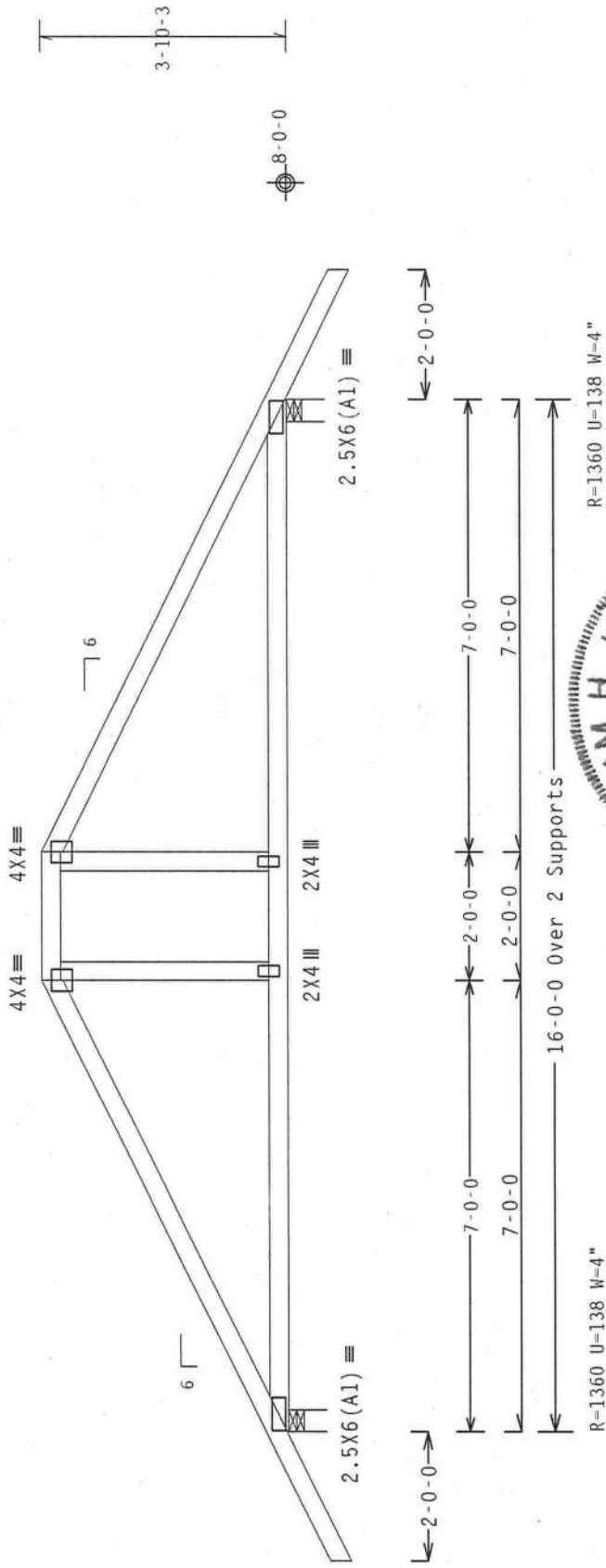
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

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

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



R-1360 U=138 W=4"

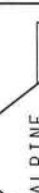
R-1360 U=138 W=4"

PLT TYP. Wave

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

QTY: 2 FL/-4/-/-R/-

Scale = .375"/Ft.

 ALPINE iTW 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. 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 BCSI) for safety practices prior to performing these functions. Installers shall provide temporary bracing for safety. 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 resistance or web bracing shall have bracing installed per BCSI sections 83, 87 or 819, as applicable. iTW Building Components Group Inc. (iTWBCG) shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or alteration of this design. iTWBCG shall not be responsible for any destination, use, modification, or 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(11-075--Fill in later FREEMAN DESIGNS/TALWAR --, ** - AG)

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. Located
anywhere in roof, 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.

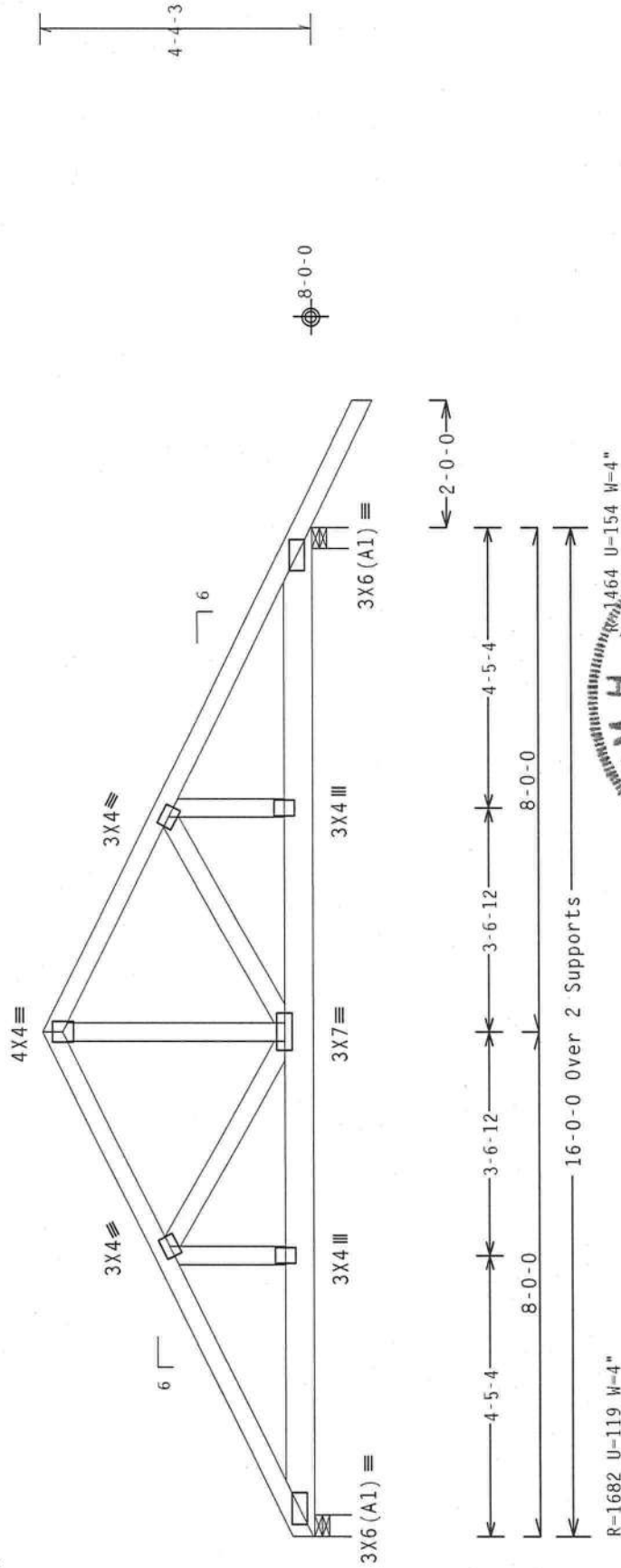
Roof overhang supports 2.00 psf soffit load.

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

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.

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 8.00
IC- From 62 plf at 8.00 to 62 plf at 18.00
BC- From 10 plf at 0.00 to 10 plf at 16.00
BC- From 4 plf at 16.00 to 4 plf at 18.00
BC- 293.50 lb Conc. Load at 0.94, 2.94, 4.94, 6.94
8.94
BC- 211.19 lb Conc. Load at 10.91
BC- 128.92 lb Conc. Load at 12.91
BC- 47.07 lb Conc. Load at 14.91



PLT TYP. Wave

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

Scale = .375"/Ft.

QTY:1

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

TC LL	20.0 PSF	REF	R487--	34759
TC DL	10.0 PSF	DATE	04/15/11	
BC DL	10.0 PSF	DRW	HCUSR487	11105002
BC LL	0.0 PSF	HC-ENG	KD/AP	
TOT.LD.	40.0 PSF	SEQN	197616	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1UB4487_Z01	

ALPINE

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

WILLIAM H. KRICK
LICENSE
No. 70861
9.05.03.0819.117

PROFESSIONAL ENGINEER
FLORIDA
04/15/2011

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 IPI and BCSI. Unbraced top chord shall have properly attached structural sheathing and bottom chord shall have properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviations or modifications to this design. 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 other drawings or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The liability and use of this design for any other project is the responsibility of the user. ITWBCG: www.itwbcg.com; TPI: www.tpiinst.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org

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

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 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCPI (+/-)=0.18

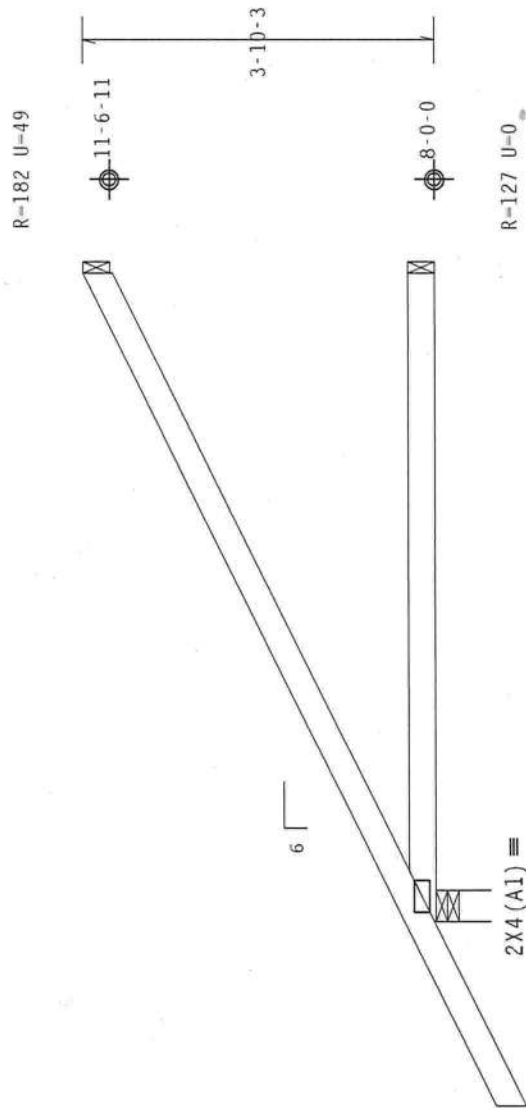
Roof overhang supports 2.00 psf soffit load.

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.

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.



2-0-0

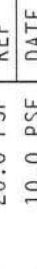
← 7-0-0 Over 3 Supports

R=450 U=33 W=4"
RL=104 / -44

PLT TYP. Wave

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

Scale = .5"/Ft.



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
EL Code #0 078

****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. Refer to and follow the latest edition of BCSI (Building Components Safety Information, by IPI and BCSI) safety practices prior to performing these functions. Trusses are designed to be installed on a flat, level, and properly attached structural sheathing at bottom chord locations. Trusses are designed to be installed on a flat, level, and properly attached rigid ceiling. Locations shown for permanent lateral bracing shall have a properly attached rigid ceiling. Bracing shown for permanent lateral bracing 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 deviations from the design or any failure to build the truss in conformance with ANSI/IPI 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 back of the truss. Details, unless noted otherwise. Refer to drawings 1608-2 for standard plate positions. A detailed 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 for any structure is the responsibility of the Building Designer per ANSI 1 sec.2.1. For more information, contact: ITWBCG, 16555 Safeway, Haines City, FL 33844. Tel: 888.333.3333. Fax: 888.333.3333. Email: info@itwbcg.com. Website: www.itwbcg.com.

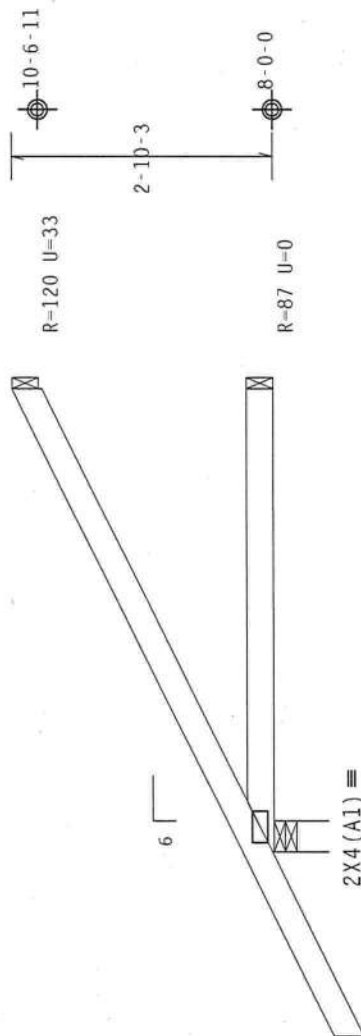
04/15/2011

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 GCpf (+/-)=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.



$\overbrace{\hspace{1.5cm}}^{2-0-0}$
 $\overbrace{\hspace{3.5cm}}^{5-0-0}$ Over 3 Supports

$R = 377 \text{ U} = 34 \text{ W} = 4"$
 $RI = 807 / -39$

PLT TYP. Wave

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

Scale = .5"/Ft.



Alpine
Alpine 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 COMPANIES INCLUDING INSTALLERS.

IMPORTANT-- Trusses require extreme care in fabricating, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety) Information, by IPI and BCSI for safety practices prior to performing field erection. Trusses shall be braced in accordance with the bottom chord bracing details shown on this drawing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing of web shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

IPI Building Components Group Inc. (IPI/BCG) shall not be responsible for any deviations from the design of any failure to build the truss in conformance with ANSI/IPI 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 back details, unless noted otherwise. Refer to drawings 1609-2 for standard plate positions. All plates must be drawn or cover listing this drawing. Indicates acceptance of professional engineering responsibility for the design of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: www.itsbcg.com; IPI: www.tdipr.org; NITA: www.nitaindustry.com; ICC: www.iccsafe.org

04/15/2011

PROFESSIONAL ENGINEER

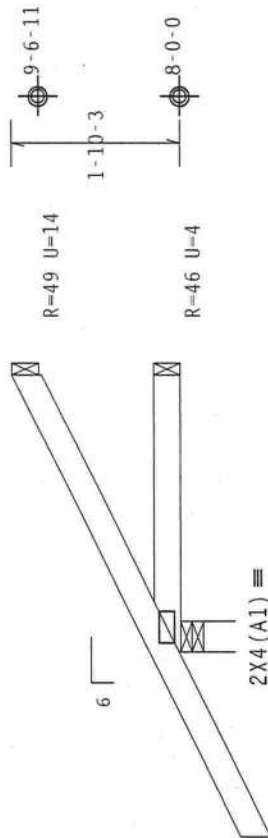
NO. 70881

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. $I_w=1.00$ GCpt (+/-)=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.



R=317 U=37 W=4"
RL=57/-34

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

QTY:8 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

04/15/2011

04/15/2011

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****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 BCS (Building Components Safety) Information, for details on bracing and BCS. 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 bracing of section shall have bracing installed per BCS sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation, modification, or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply plates to each face of truss and position as shown above and on the next details, unless noted otherwise. Refer to drawings 1609-2 for standard plate positions. Also note the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility for the design of the building system per ANSI/TPI 1 Sec. 2. For more information see: ITWBCG website, or the Building Component Group website. This drawing is the property of ITWBCG. All rights reserved. For more information see: ITWBCG website, or the Building Component Group website. This drawing is the property of ITWBCG. All rights reserved.

ICC: www.iccsafe.org
 ITWBCG: www.itwbcg.com
 TPI: www.tpinet.org
 VICA: www.vicaindstry.com

NO. 70867

PROFESSIONAL ENGINEER

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 R487-- 34762

DATE 04/15/11

DRW HCUSR487 11105004

HC-ENG KD/AP *

SEQN- 196867

JREF- 1UB4487_Z01

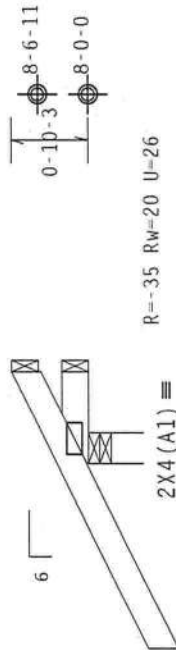
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ GCp1(+/-)=0.18

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.

R=-110 RW=43 U=75



R=-35 RW=20 U=26

R=361 U=81 W=4"
RL=34/-28

2-0-0 → 1-0-0 over 3 Supports

PLT TYP. Wave

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

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

Scale = 5"/Ft.

FI 1-141-1-1R1-

TC LL	20.0 PSF
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RFF R487 -- 34763

TC DI 10 0 PSE

DATE 04/15/11

10 0 BCE

COOZOLLE CORPORATION 1100

	L
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THE UNIVERSITY OF CHICAGO

151	0.0	77	20

110 LINA KOD/AL

101.LD. 40.0 P3F

40.0

DUR. FAC. 1.25

1.25

04/15/2011

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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*****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 IPI and ICC) from safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.

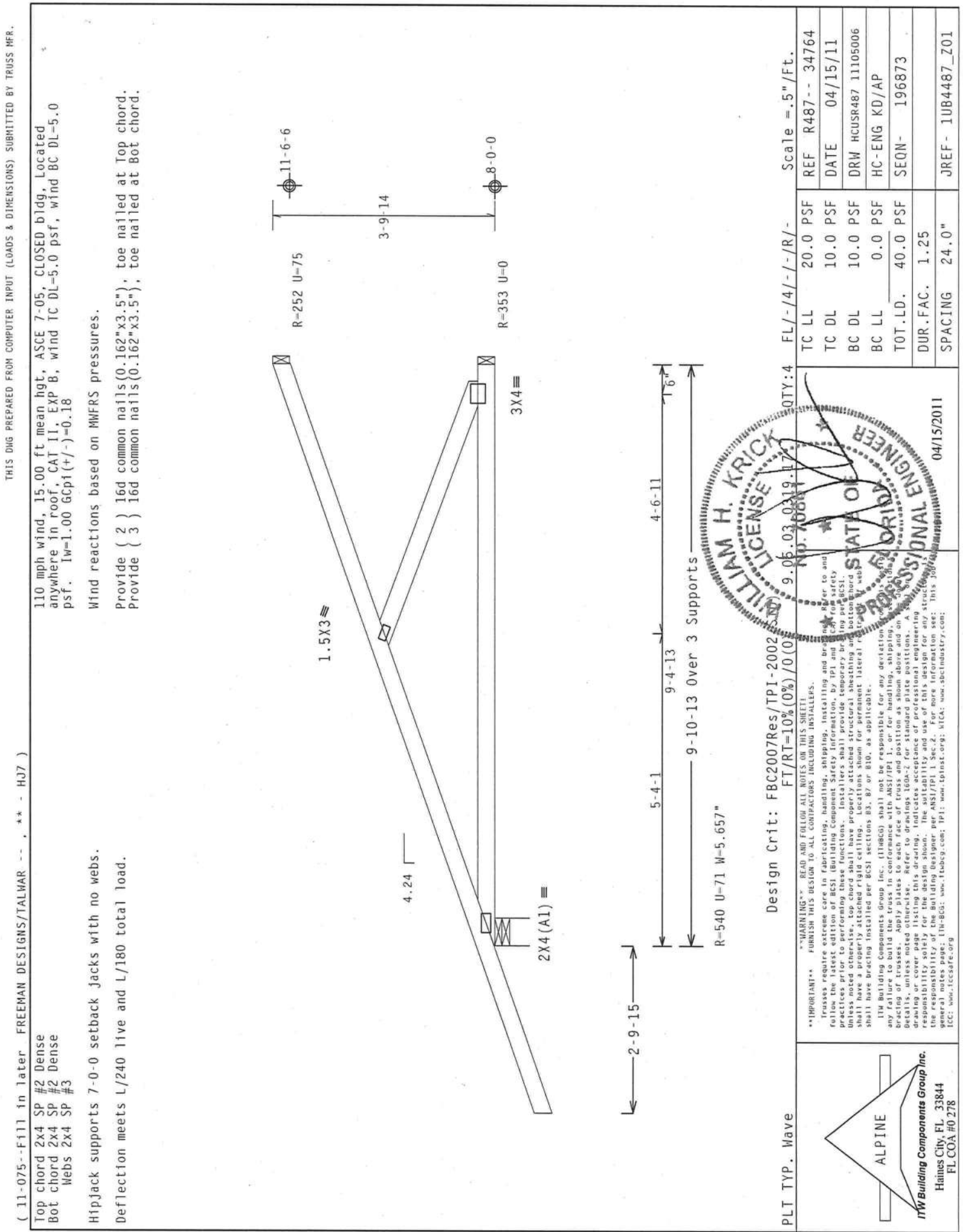
Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral resistance or webs shall have bracing installed per CSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (114BCG) shall not be responsible for any deviation of this specification from the actual conditions of the project. The user assumes full responsibility for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, or installing the truss. Apply plates to each face of truss and position as shown above and in Table 1.30.

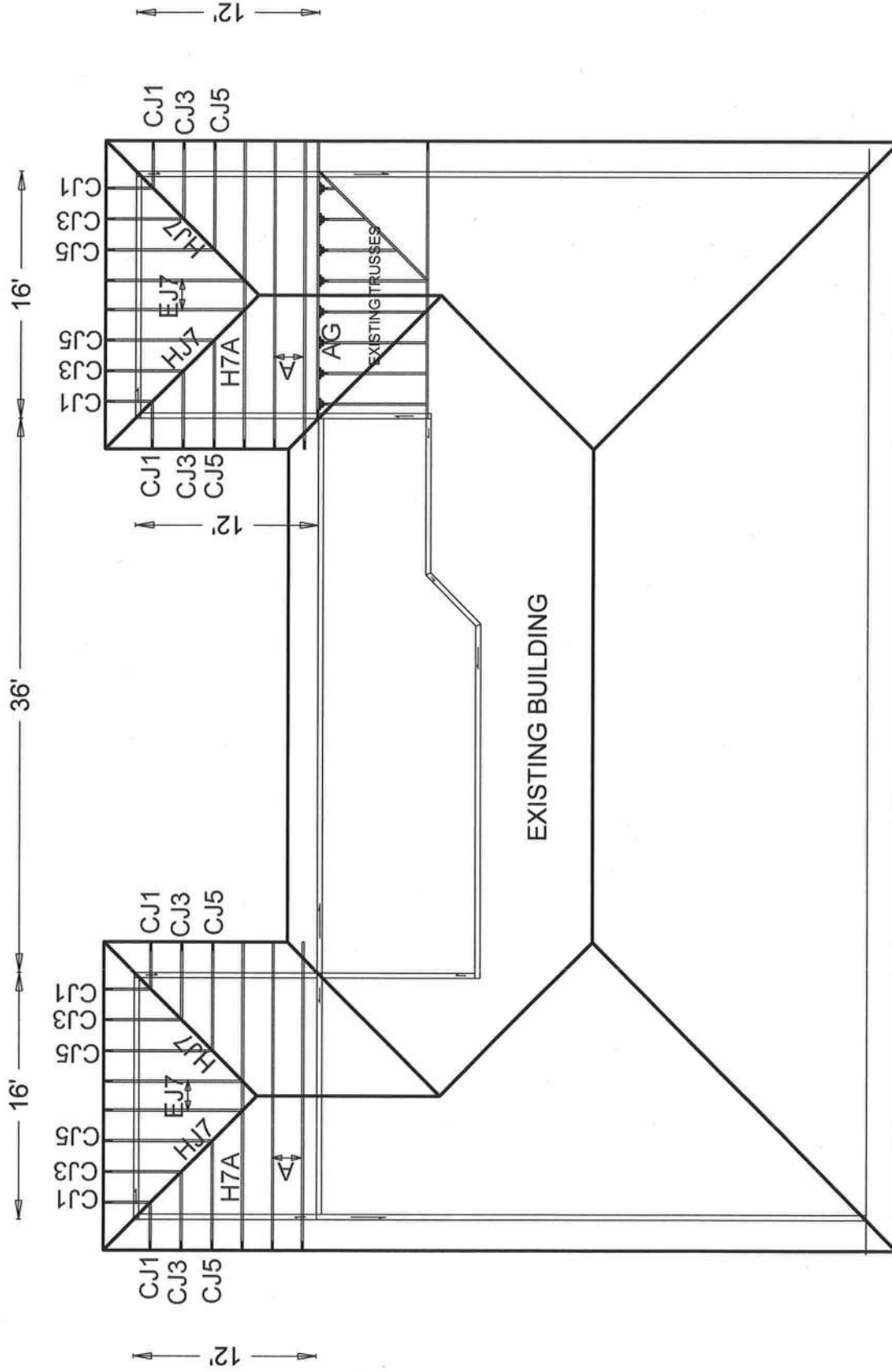
Details, unless noted otherwise. Refer to drawings 60A-2 for standard plate positions. A sealant is required for all joints. The Engineer is not responsible for the design of any structural steel connections. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/SP-1, Sec. 2. For more information, see: This logo.

general notes page; IIN-BCG: www.iinbcg.com; IPI: www.ipinst.org; NICA: www.sbcindustry.com;

ICC: www.iccsafe.org



Addition Roof Plane Sheathing Area = 760 sq. ft



JOB DESCRIPTION: Fill in later
/ : FREEMAN DESIGNS/TALWAR

JOB NO:
11-075
PAGE NO:
1 OF 1

FREEMAN DESIGNS/ TALWAR

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

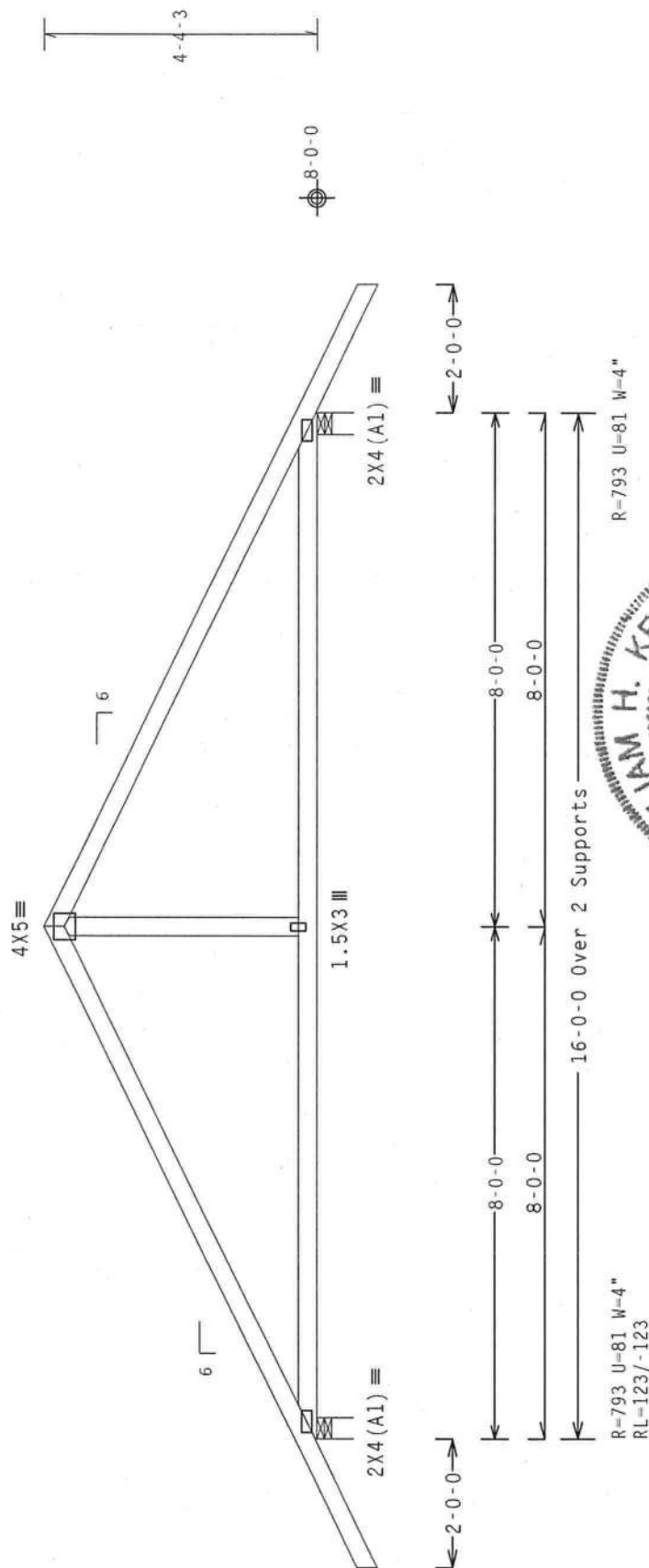
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1(+/-)=0.18

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.



PLOT TYP: Wave

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

Scale = .375"/Ft.

ALPINE

nTW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 2788

04/15/2011

04/15/2011

****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 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 on the bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing 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, modification, or any failure to build the truss in conformance with ANSI/IPI 1, or for handling, shipping, or bracing of trusses. Apply plates to each face of truss and position as shown above, and on details, unless noted otherwise. Refer to drawings 1600-2 for standard plate positions. A drawing or cover page listing this drawing, indicates acceptance of professional engineering approval. The responsibility for the building designer per ANSI/IPI 1, Sec. 2, for more information see: general notes page: ITW-BCG: www.itwbcg.com; IPI: www.ipiinst.org; ULCA: www.sbcindustry.com; ICC: www.iccsafe.org

TC LL	20.0	PSF	REF	R487--	34757
TC DL	10.0	PSF	DATE	04/15/11	
BC DL	10.0	PSF	DRW	HCURS487	11105002
BC LL	0.0	PSF	HC-ENG	KD/AP	*
TOT.LD.	40.0	PSF	SEQN-	196879	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1UB4487_Z01	

(11-075--Fill in later FREEMAN DESIGNS/TALWAR --, ** - H7A)

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

Roof overhang supports 2.00 psf soffit load.

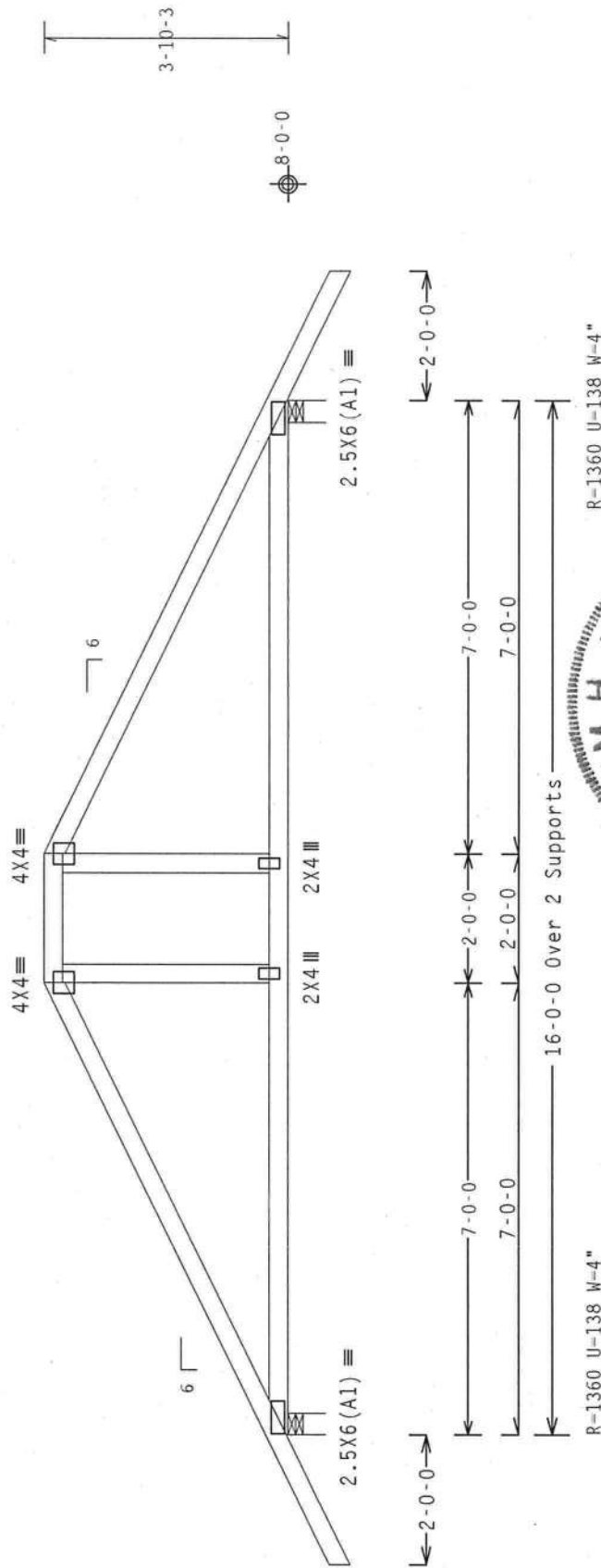
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave

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

QTY: 2 FL/-4/-/-R/-

Scale = .375"/Ft.

 ALPINE mW 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.		REF	R487--	34758	
	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 for safety. Trusses shall be properly braced and supported during installation. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall be installed in accordance with the manufacturer's instructions.		DATE	04/15/11		
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any detailing or design of any truss or for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A 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 drawing. ICC: www.iccsafe.org		DRW	HCUSR487	11105001	
			HC-ENG	KD/AP		
			TOT.LD.	40.0	PSF	
			DUR.FAC.	1.25		
			SPACING	24.0"		
			JREF	1UB487_Z01		

(11-075--Fill) in later FREEMAN DESIGNS/TALWAR --, ** - AG)

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. Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.
lw=1.00 GCpi(+/-)=0.18

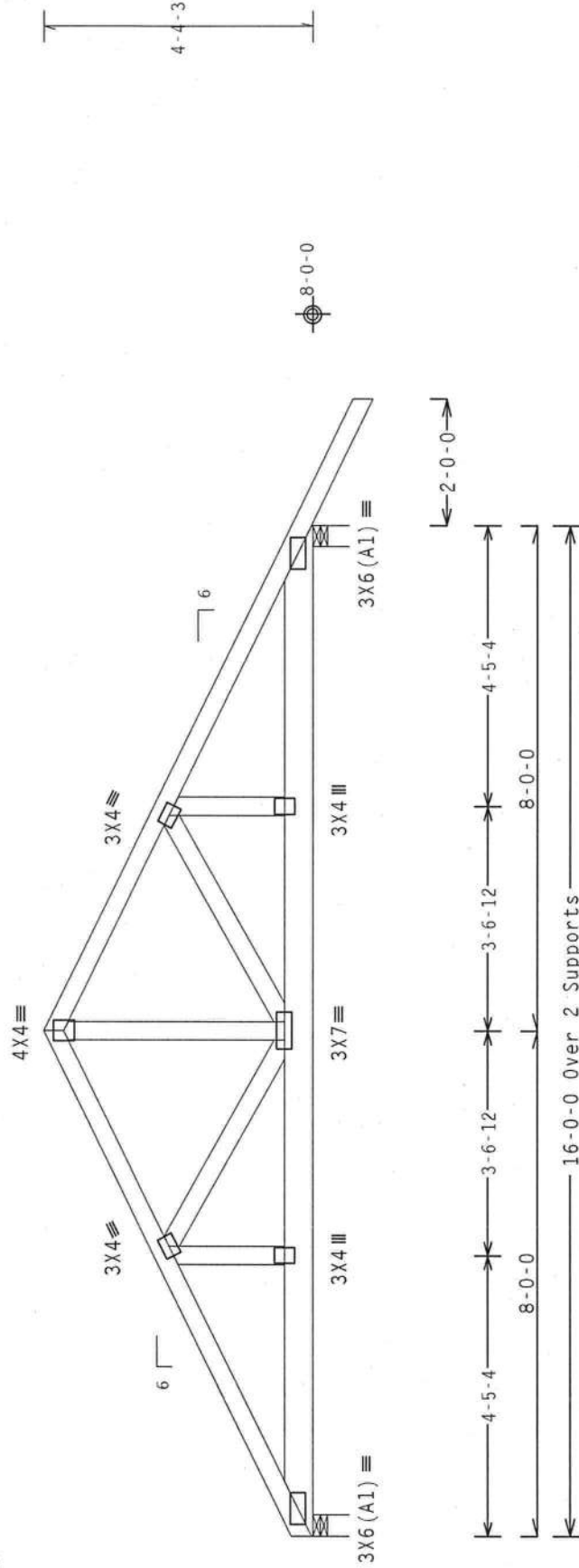
Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

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.

Special loads
----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 8.00
TC- From 62 plf at 8.00 to 62 plf at 18.00
BC- From 10 plf at 0.00 to 10 plf at 16.00
BC- From 4 plf at 16.00 to 4 plf at 18.00
BC- 293.50 lb Conc. Load at 0.94, 2.94, 4.94, 6.94
8.94
BC- 211.19 lb Conc. Load at 10.91
BC- 128.92 lb Conc. Load at 12.91
BC- 47.07 lb Conc. Load at 14.91



R=1682 U=119 W=4" R=1464 U=154 W=4"

PLT TYP. Wave

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

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

Scale = .375" / Ft.

 ALPINE ITW 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. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to all notes and specifications for details. Trusses are not to be used for any other purpose than intended. Practices prior to performing these functions. Installers shall provide temporary bracing per BCS1. 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 bracing of webs. Trusses shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design 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 Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A drawing or cover page listing this drawing. The liability and use of this design for any structure responsibility solely for the design shown. The liability and use of this design for any structure general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; HCA: www.hcaindustry.com; ICC: www.iccsafe.org		04/15/2011				
							
	TC LL		20.0	PSF	REF	R487--	34759
	TC DL		10.0	PSF	DATE	04/15/11	
	BC DL		10.0	PSF	DRW	HCUSR487	11105002
	BC LL		0.0	PSF	HC-ENG	KD/AP	
TOT.LD.		40.0	PSF	SEQN-	197616		
DUR.FAC.		1.25					
SPACING		24.0"		JREF-	1UB4487_Z01		

(11-075--Fill in later FREEMAN DESIGNS/TALWAR -- . ** - EJ7)

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

Roof overhang supports 2.00 psf soffit load.

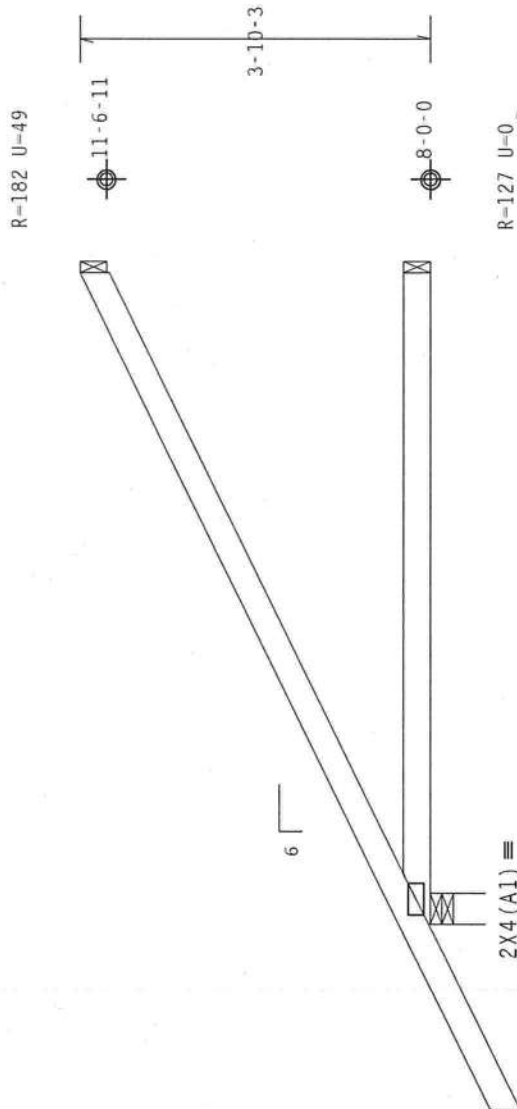
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MMFRS pressures.

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



2'-0-0
7-0-0 Over 3 Supports
R-450 U=33 W-4"
RL=104/-44

PLT TYP. Wave

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

QTY: 4

FL/-4/-/R/-

Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R487-- 34760
TC DL	10.0 PSF	DATE	04/15/11
BC DL	10.0 PSF	DRW	HCUSR487 11105005
BC LL	0.0 PSF	HC-ENG	KD/AP
TOT.LD.	40.0 PSF	SEQN-	196861
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1UB4487_Z01

WILLIAM H. KRICK
LICENSE
NO. 70881
STATE OF FLORIDA
PROFESSIONAL ENGINEER
04/15/2011

****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 Building for safety practices prior to performing these functions. Installers shall provide temporary bracing and shoring as noted on drawings and in the BCSI literature. Trusses shall be installed in accordance with the BCSI literature. 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 design shown. Any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, storing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the BCSI details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A signed 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 is the responsibility of the building designer per ANSI/TPI 1 Sec.2. For more information see: www.itwbcg.com; TPI: www.tpinat.org; NFCA: www.nfcaindustry.com; ICC: www.iccsafe.org

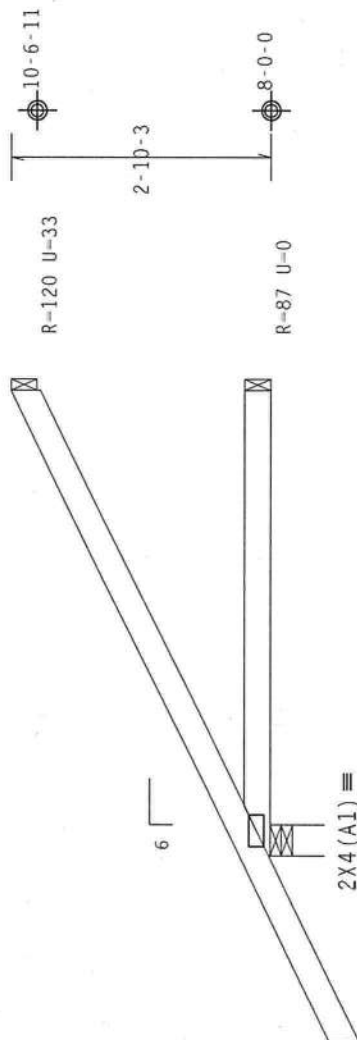
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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 EC DL=5.0 psf. Iw=1.00 GCpi (+/-) 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.



$\leftarrow 2-0-0 \rightarrow$
 $\leftarrow 5-0-0 \text{ Over } 3 \text{ Supports} \rightarrow$

R=377 U=34 W=4"
 RL=807-39

PLT TYP. Wave

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

OTY:8 FL/-/4/-/-/R/-
Scale = 5" / Ft.

TC LL	20.0 PSF	REF R487-- 34761
TC DL	10.0 PSF	DATE 04/15/11
BC DL	10.0 PSF	DRW HCUR487 11105001
BC LL	0.0 PSF	HC-ENG KD/AP
TOT.LD.	40.0 PSF	SEQN- 196864
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1UB4487_Z01

[illegible]

ALPINE

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

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

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

Roof overhang supports 2.00 psf soffit load.

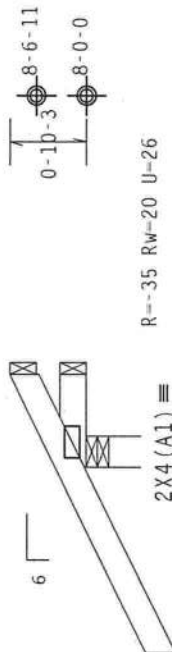
Wind reactions based on MWFRS pressures.

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

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

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.

R--110 RW-43 U-75



R--35 RW-20 U-26

R=361 U=81 W=4"
RL=34/-28

2-0-0 → 1-0-0 over 3 Supports

P.L.T. TYP. Wave

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

OTY:8 FL/-/4/-/-/R/- Scale = .5" / Ft.

TC LL	20.0	PSF	REF R487--	34763
TC DL	10.0	PSF	DATE	04/15/11
BC DL	10.0	PSF	DRW	HCUSR487 11105003
BC LL	0.0	PSF	HC-ENG	KD/AP
TOT.LD.	40.0	PSF	SEQN-	196870
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1UB4487_Z01

04/15/2011

JREF- 1UB4487 Z01

***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. Truss installers shall follow all applicable codes, specifications and manufacturer's instructions. Truss installers shall comply with the following practices prior to performing these functions:

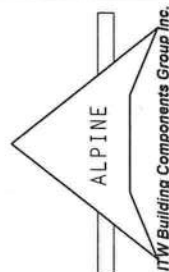
- a) Truss installers shall provide temporary bracing for each truss section.
- b) Truss installers shall have properly attached structural sheathing and bottom chord bracing installed per BCSI sections 83, 87 or 80M, as applicable.
- c) Truss installers shall have bracing installed per BCSI sections 83, 87 or 80M, as applicable.

ITW Building Components Group Inc. (Iltbcg) shall not be responsible for any design or engineering failure to build the truss in conformance with ANSI I/P 1 or for handling, shipping, unloading, erecting, dismantling, storing, or installing the trusses. The user assumes all responsibility for the safe use of the product. Iltbcg will not be responsible for any damage to the building or other structures caused by the use of the product. Iltbcg will not be responsible for any damage to the building or other structures caused by the use of the product.

Apply plates to each face of truss and position as shown above and on drawings. Refer to drawings 160A-2 for standard plate positions. A warning 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 structural application is the responsibility of the building designer. per ANSI I/P 1 Sec.2.2. For more information see: www.iltbcg.com; info@iltbcg.com; www.iltbcg.com; info@iltbcg.com

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Haines City, FL 33844
FL COA #0 278

(11-075--Fill) in later FREEMAN DESIGNS/TALWAR -- , ** - HJ7)

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

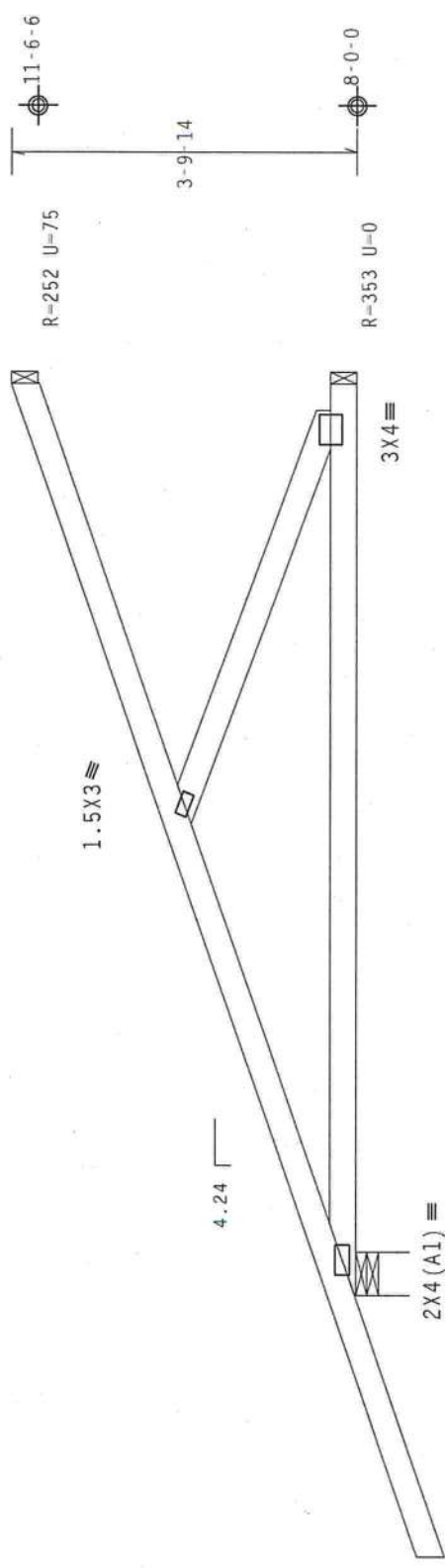
Hipjack supports 7'-0" setback jacks with no webs.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg. Located anywhere in roof, 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 MMFRS 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.



2'-9-15" 5'-4-1" 4'-6-11" 12'-10-7"
9-4-13 9-10-13 Over 3 Supports
R-540 U=71 W=5.657"

PLT TYP. Wave



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

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

9.06.03.0319.17
No. 40841.17

04/15/2011

Scale = .5"/ft.

TC LL	20.0 PSF	REF	R487--	34764
TC DL	10.0 PSF	DATE	04/15/11	
BC DL	10.0 PSF	DRW	HCUSR487	11105006
BC LL	0.0 PSF	HC-ENG	KD/AP	
TOT.LD.	40.0 PSF	SEQN-	196873	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1UB4487_Z01	