		This Peri	mit Expires One Y	ear From the Date	e of Issue	000024884
APPLICANT	LINDA ROI			— PHONI	752-2281	_
ADDRESS	387	SW KEMP COURT	Γ	LAKE CITY		<u>FL32024</u>
OWNER		VICKI COX		PHONI	=======	_
ADDRESS	<del></del>	SW MARYNIK DE		HIGH SPRINGS		<u>FL</u> <u>32643</u>
CONTRACTO	<del></del>	CONSTRUCTION		PHONI	<del></del>	<del></del>
LOCATION C	F PROPERTY		ON CR 778, TL ON GE T ON LEFT	REYWAY, TR ON MAI	RYNIKS DRIVE,	
TYPE DEVEL	OPMENT	SFD,UTILITY	E	STIMATED COST OF	CONSTRUCTION	N 145050.00
HEATED FLO	OOR AREA	2901.00	TOTAL AF	REA 5053.00	HEIGHT	STORIES 1
FOUNDATIO	N CONC	WAL	LLS FRAMED	ROOF PITCH 8/1	2	FLOOR SLAB
LAND USE &	ZONING	A-3		M	AX. HEIGHT	25
Minimum Set	Back Requirme	ents: STREET	-FRONT 30.0	0 REAR	25.00	SIDE <u>25.00</u>
NO. EX.D.U.	0	FLOOD ZONE	X PP	DEVELOPMENT PI	ERMIT NO.	
PARCEL ID	16-7S-17-10	006-236	SUBDIVISI	ON RIVER RISE		
LOT <u>36</u>	BLOCK _	PHASE	UNIT	TC	OTAL ACRES _	
000001191			CBC059323	A	the Van	1
Culvert Permit	No. C	Culvert Waiver (	Contractor's License Nu	umber	Applicant/Own	er/Contractor
CULVERT	0	6-0721-N	BK		JH	Y
Driveway Conr	nection S	eptic Tank Number	LU & Zon	ing checked by	approved for Issua	nce New Resident
COMMENTS:	ONE FOOT	ABOVE THE ROA	VD			
					Check # or	Cash 6096
		FOR BU	JILDING & ZONI	NG DEPARTMEN		
Temporary Pov	ver	FOR BU	JILDING & ZONI Foundation	NG DEPARTMEN		Cash 6096 (footer/Slab)
Temporary Pov	-	FOR BU		NG DEPARTMEN	IT ONLY	
Temporary Pov	-	date/app. by	Foundation Slab	date/app. by	IT ONLY  Monolithic	(footer/Slab)  date/app. by g/Nailing
Under slab roug	-	date/app. by	Foundation Slab	date/app. by  date/app. by	Monolithic Sheathin	(footer/Slab)  date/app. by
- ,	-	date/app. by 3 date/ap	Foundation Slab	date/app. by	Monolithic Sheathin	(footer/Slab)  date/app. by g/Nailing  date/app. by
Under slab roug	gh-in plumbing date/app. l	date/app. by 3 date/ap	Foundation Slab Op. by Rough-in plumbing a	date/app. by  date/app. by	Monolithic Sheathin	(footer/Slab)  date/app. by g/Nailing date/app. by  date/app. by
Under slab roug	gh-in plumbing  date/app. l	date/app. by 3 date/ap	Foundation Slab	date/app. by  date/app. by	Monolithic Sheathin	(footer/Slab)  date/app. by g/Nailing date/app. by  date/app. by
Under slab roug	gh-in plumbing  date/app. l  h-in  date	date/app. by date/app by ate/app. by	Foundation Slab Op. by Rough-in plumbing a	date/app. by  date/app. by  above slab and below we  date/app. by	Monolithic Sheathin	(footer/Slab)  date/app. by g/Nailing date/app. by  date/app. by  ntel)  date/app. by
Under slab roug Framing Electrical roug Permanent power	gh-in plumbing  date/app. l h-in  da er  date/a	date/app. by  date/ap  by	Foundation  Slab  Dp. by  Rough-in plumbing a  Heat & Air Duct  C.O. Final	date/app. by  date/app. by  above slab and below we  date/app. by  date/app. by	Monolithic Sheathin  ood floor Peri. beam (Lir	(footer/Slab)  date/app. by g/Nailing date/app. by  date/app. by
Under slab roug Framing Electrical roug Permanent power M/H tie downs,	gh-in plumbing  date/app. l h-in  da er  date/a	date/app. by  date/app  by  ate/app. by  app. by	Foundation  Slab  Dp. by  Rough-in plumbing a  Heat & Air Duct  C.O. Final	date/app. by  date/app. by above slab and below we date/app. by  date/app. by	Monolithic Sheathin  ood floor  Peri. beam (Lir  Culvert  Pool	(footer/Slab)  date/app. by g/Nailing date/app. by  date/app. by  ntel)  date/app. by
Under slab roug Framing Electrical roug Permanent power M/H tie downs, Reconnection	date/app. bh-in  date/app. date/app. date/a	date/app. by  date/app  by  ate/app. by  app. by	Foundation  Slab  Dp. by  Rough-in plumbing a  Heat & Air Duct  C.O. Final  Guide date/ap  Pump pole	date/app. by  date/app. by  above slab and below we  date/app. by  date/app. by	Monolithic Sheathin  ood floor  Peri. beam (Lir  Culvert  Pool	(footer/Slab)  date/app. by g/Nailing date/app. by  date/app. by  date/app. by  date/app. by  date/app. by
Under slab roug Framing Electrical roug Permanent power M/H tie downs, Reconnection M/H Pole	date/app. the da	date/app. by  date/app  by  ate/app. by  app. by  tricity and plumbing	Foundation  Slab  Slab  Slab  Slab  Slab  Slab  Slab  Cop. by  Rough-in plumbing a  Leat & Air Duct  Cop. Final  Grade/ap  Pump pole  date/ap  Avel Trailer	date/app. by  date/app. by  above slab and below we  date/app. by  date/app. by  Utility:	Monolithic Sheathin  ood floor  Peri. beam (Lir Culvert  Pool Pole	(footer/Slab)  date/app. by g/Nailing date/app. by  date/app. by  date/app. by  date/app. by  date/app. by  date/app. by
Under slab roug Framing Electrical roug Permanent power M/H tie downs, Reconnection M/H Pole	date/app. bh-in  date/app. date/app. date/a	date/app. by  date/app  by  ate/app. by  app. by  tricity and plumbing	Foundation  Slab  Slab  Slab  Slab  Slab  Slab  Slab  Cop. by  Rough-in plumbing a  Leat & Air Duct  Cop. Final  Grade/ap  Pump pole  date/ap  Avel Trailer	date/app. by  date/app. by  above slab and below we  date/app. by  date/app. by  Decrease of the control of the	Monolithic Sheathin  ood floor  Peri. beam (Lir  Culvert  Pool  Pole  date/app.	(footer/Slab)  date/app. by g/Nailing date/app. by  date/app. by  date/app. by  date/app. by  date/app. by
Under slab roug Framing Electrical roug Permanent power M/H tie downs, Reconnection M/H Pole	date/app. It date/app. It date/app. It date/app. It date/ate/app. It date/app. It d	date/app. by  date/app  by  ate/app. by  app. by  tricity and plumbing	Foundation  Slab  Slab  Slab  Slab  Slab  Slab  Slab  Cop. by  Rough-in plumbing a  Leat & Air Duct  Cop. Final  Grade/ap  Pump pole  date/ap  Avel Trailer	date/app. by  date/app. by  above slab and below we  date/app. by  date/app. by  Utility: e/app. by  date/app. by	Monolithic Sheathin  ood floor  Peri. beam (Lir  Culvert  Pool  Pole  date/app.	date/app. by  g/Nailing  date/app. by
Under slab roug Framing  Electrical roug Permanent power M/H tie downs, Reconnection M/H Pole	date/app. It h-in date/ablocking, elected date/app. by  RMIT FEE \$	date/app. by  date/app  by  ate/app. by  app. by  tricity and plumbing  e/app. by  Tra	Foundation  Slab  Slab  Slab  Slab  Slab  Slab  Slab  Cop. by  Rough-in plumbing a  Heat & Air Duct  C.O. Final  Gutte/ap  Pump pole  date  avel Trailer	date/app. by  date/app. by above slab and below we date/app. by  date/app. by  Utility: e/app. by  date/app. by  EE\$ 25.27	Monolithic Sheathin  ood floor Peri. beam (Lir Culvert Pool Adate/app. Re-roof SURCHARG	date/app. by  g/Nailing  date/app. by
Under slab roug  Framing  Electrical roug  Permanent power  M/H tie downs,  Reconnection  M/H Pole  dat  BUILDING PE	date/app. It date/	date/app. by  date/app  by  ate/app. by  tricity and plumbing  e/app. by  Tra  730.00  ZONING	Foundation  Slab  Slab  Sp. by  Rough-in plumbing a  Heat & Air Duct  C.O. Final  Pump pole  date/ap  Pump pole  CERTIFICATION FE  CERT. FEE \$ 50.00	date/app. by  date/app. by above slab and below we date/app. by  date/app. by  Utility: e/app. by  date/app. by  EE\$ 25.27	Monolithic Sheathin  ood floor  Peri. beam (Lir  Culvert  Pool  Pole  date/app.  Re-roof  SURCHARG	date/app. by  g/Nailing  date/app. by  GE FEE \$ 25.27

Columbia County Building Permit

PERMIT

DATE 08/18/2006

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."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

Record & Return To: Darryl J. Tompkins, P.A. P.O. Box 519 Alachita, FL 32616

Parcel ID Number: 16-7s-17-10006-001 Portion of AND 16-7S-17-10006-003 Portion of

W	arr	anty	De	ec

This Indenture, Made this No day of march, 2006 A.D., Between

Nevin G. Summers, a married man

of the Borough of Anchorage, State of Alaska, Grantor, and

George L. Cox and Vickie B. Cox

whose post office address is: 6294 NW 71st Terrace, Parkland, FL 33067

of the County of Broward, State of Florida, Grantee

Witnesseth that the GRANTOR, for and in consideration of the sum of TEN & NO/100 (\$10.00), and other good and valuable consideration to GRANTOR in hand paid by GRANTEE, the receipt of which is hereby acknowledged, has granted, bargained and sold to the said GRANTEE and GRANTEE'S successors and assigns forever, the following described land, situate, lying and being in the County of Columbia, State of Florida to wit:

LOT 36, RIVER RISE RESIDENTIAL SUBDIVISION, UNIT 2, A SUBDIVISION ACCORDING TO PLAT THEREOF RECORDED IN PLAT BOOK 8, PAGES 54 THROUGH 55 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

## SUBJECT TO THE FOLLOWING:

- Zoning restrictions, prohibitions and other requirements imposed by governmental authority;
- B. Restrictions and matters appearing on the plat and/or common to the subdivision;
- C. Taxes for the year 2006 and subsequent years.

The land described herein is not the homestead of the grantor(s), and neither the grantor(s) nor the grantor(s) spouse, nor anyone for whose support the grantor(s) is responsible, resides on or adjacent to said land

and the grantor does hereby fully warrant the title to said land, and will defend the same against lawful claims of all persons whomsoever.

In Witness Whereof, the grantor has hereunto set his hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

Printed Name: Knstine Cullham

NEVIN G. SUMMERS

NEVIN G. SUMMERS

NEVIN G. SUMMERS

Inst: 2006009302 Date: 04/18/2006 Time: 12:55

Doc Stamp-Deed: 616.70

STATE OF ALASKA

BOROUGH OF Yengi Peninsula

The foregoing instrument was acknowledged before me this 10 May of March

2006 The NEVIN G. SUMMERS

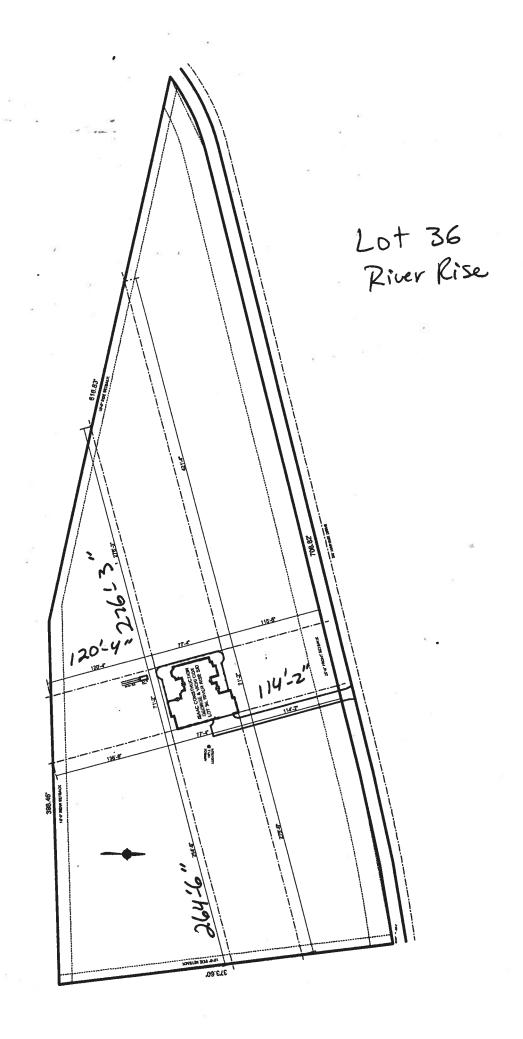
2006, by NEVIN G. SUMMERS, who is personally known to me or has produced his Dilieral Cence identification.

Notary Public State of Alaska

Printed Name: Danielle Tucker

My Commission Expires: July 9, 200





Isaac Construction Inc.

Olumbia

FORM 600A-2004

Project Name:

Address:

Tested sealed ducts must be certified in this house.

## FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Isaac Construction Inc. - Cox Res.

Lot: 36, Sub: River Rise, Plat:

Builder:

Permitting Office:

City, State: Owner: Climate Zone:	Lake City, FL 320 George & Vicki C North	025-	Permit Number: 2488  Jurisdiction Number: 22	
New constructio	n or existing	New _	12. Cooling systems	
2. Single family or	<u> </u>	Single family _	a. Central Unit	Cap: 35.0 kBtu/hr
3. Number of units		3 7 5 4 L		SEER: 12.00
4. Number of Bedr		4 _	b. Central Unit	Cap: 35.0 kBtu/hr
5. Is this a worst ca		No _		SEER: 12.00
6. Conditioned floo		2901 ft <sup>2</sup>	c. N/A	1 101 III III III III III III III III II
	area: (Label reqd. by 13-1	04.4.5 if not default)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
a. U-factor:		escription Area	13. Heating systems	
	ouble DEFAULT) 7a(Sng	-	a. Electric Heat Pump	Cap: 35.0 kBtu/hr
b. SHGC:	04010 ===o==,(blig	310 Delautt, 17010 11 =		HSPF: 7.20
(or Clear or Ti	nt DEFAULT) 7b.	(Clear) 498.3 ft <sup>2</sup>	b. Electric Heat Pump	Cap: 35.0 kBtu/hr HSPF: 7.20
8. Floor types			27/4	11511.7.20 _
a. Slab-On-Grade	Edge Insulation	R=0.0, 285.0(p) ft _	_ c. N/A	<del></del>
b. N/A			- 11. 12.	- Maria - 1971 -
c. N/A		13	14. Hot water systems	Cap: 80.0 gallons
9. Wall types		Test 85 - Test	a. Electric Resistance	EF: 0.90
a. Frame, Wood, I	Exterior	R=19.0, 1763.7 ft <sup>2</sup>	- 1 1 1	
b. Frame, Wood, A	Adjacent	R=13.0, 340.0 ft <sup>2</sup>	b. Electric Resistance	Cap: 80.0 gallons
c. N/A		_		EF: 0.90
d. N/A		_	c. Conservation credits	
e. N/A		4 / 19 / Color 64	(HR-Heat recovery, Solar	
10. Ceiling types			DHP-Dedicated heat pump)	
a. Under Attic		R=30.0, 3100.0 ft <sup>2</sup>	15. HVAC credits	_
b. N/A		20 Talian - Talian -	(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	HF-Whole house fan,	
11. Ducts(Leak Fre	æ)		PT-Programmable Thermostat,	
	Unc. AH: Garage	Sup. R=6.0, 75.0 ft	MZ-C-Multizone cooling,	
b. N/A		74	MZ-H-Multizone heating)	
E TO				

Glass/Floor Area: 0.17

Total as-built points: 39734 Total base points: 40202

**PASS** 

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy
PREPARED BY: Jon Moccis
DATE: 7-20-06
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.  OWNER/AGENT: 9-9-06
DATE: ALLA MALIA

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



BUILDING	OFFICIAL:	
DATE:		

## **SUMMER CALCULATIONS**

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 36, Sub: River Rise, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE		Ties.	AS	-BUI	LT	1. 1			
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	SPM	x s	OF =	= Points
.18 2901.0 20.04 10464.5	Single, Clear	W	5.5	10.0	30.0	43.84		).70	919.0
	Single, Clear	W	5.5	10.0	6.0	43.84		0.70	183.
네 하는 맛있네. 하는 사람들은 살 모든 것이다.	Single, Clear	N	10.5	10.0	12.0	21.73		0.70	183.
[[[[ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [ [	Single, Clear	N	9.5	10.0	36.0	21.73		0.72	562.
말을 시작하다 하나 하나 하나 사람들이 다른 사람들이 다른	Single, Clear	N	16.5	10.0	40.0	21.73		0.64	557.
	Single, Clear	N	11.5	10.0	40.0	21.73	4.7	0.69	597.
	Single, Clear	Ε	1.5	8.0	60.0	47.92		0.96	2753.
	Single, Clear	E	1.5	8.0	9.0	47.92		0.96	413.
	Single, Clear	S	1.5	10.0	54.0	40.81		0.96	2115.
	Single, Clear	W	1.5	10.0	42.0	43.84		0.98	1802.
	Single, Clear	W	10.5	10.0	33.3	43.84		0.52	756.
	Single, Clear	S	10.5	10.0	10.0	40.8		0.51	209
	Single, Clear	SW	15.5	10.0	21.0	45.7		0.42	403.
	Single, Clear	W	20.5	10.0	14.0	43.84		0.41	249
	Single, Clear	S	25.5	10.0	40.0	40.8		0.44	713
	Single, Clear	SE	12.5	10.0	15.0	48.6		0.45	331
	Single, Clear	S	10.5	10.0	21.0	40.8		0.51	440
없다는 사람들은 아름다는 아름은 아름이 없다.	Single, Clear	SW	10.5	10.0	15.0	45.7	5	0.48	329
	As-Built Total:		Đ	50 lg.	498.3				13521
WALL TYPES Area X BSPM = Points	Туре		c F	R-Value	e Area	X	SPM	. =	Point
Adjacent 340.0 0.70 238.0	Frame, Wood, Exterior	w ejig	¥ . =	19.0	1763.7		0.90		1587
Exterior 1763.7 1.70 2998.3	Frame, Wood, Adjacent			13.0	340.0		0.60		204
Extend									
Base Total: 2103.7 3236.3	As-Built Total:				2103.7	N 6			1791
DOOR TYPES Area X BSPM = Points	Туре				Area	aХ	SPM	=	Point
Adjacent 20.0 1.60 32.0	Adjacent Insulated			4.8.9	20.0		1.60		32
Adjacent         20.0         1.60         32.0           Exterior         20.0         4.10         82.0					20.0		4.10		82
Base Total: 40.0 114.0	As-Built Total:	T.			40.0		, V	À	114
CEILING TYPES Area X BSPM = Points	Туре		R-V	alue	Area X	SPM	X SC	:M =	Point
Under Attic 2901.0 1.73 5018.7	Under Attic			30.0	3100.0	1.73 >	K 1.00		5363
Base Total: 2901.0 5018.7	As-Built Total:				3100.0			10	536

PERMIT #:

## **SUMMER CALCULATIONS**

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 36, Sub: River Rise, Plat: , Lake City, FL, 32025-

BASE	AS-BUILT
FLOOR TYPES Area X BSPM = Poin	s Type R-Value Area X SPM = Points
Slab 285.0(p) -37.0 -10545 Raised 0.0 0.00 0	0 Slab-On-Grade Edge Insulation 0.0 285.0(p -41.20 -11742.0
Base Total: -10548	0 As-Built Total: 285.0 -11742.0
INFILTRATION Area X BSPM = Poin	Area X SPM = Points
2901.0 10.21 29618	2 2901.0 10.21 29619.2
Summer Base Points: 37907.7	Summer As-Built Points: 38667.5
Total Summer X System = Cooling Points Multiplier Points	Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points  (System - Points) (DM x DSM x AHU)
	(sys 1: Central Unit 35000 btuh ,SEER/EFF(12.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 38667 0.50 (1.09 x 1.000 x 1.00) 0.284 1.000 5993.7
37907.7 0.4266 16171	(sys 2: Central Unit 35000 btuh ,SEER/EFF(12.0) Ducts: None 38667

## WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 36, Sub: River Rise, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE			AS.	-BUII	т		35		
GLASS TYPES  18 X Conditioned X BWPM = Points Floor Area	Type/SC	Ove Ornt	rhang Len	Hgt .	Area X	WP	мх	WOF	= Point
.18 2901.0 12.74 6652.6	Single, Clear	W	5.5	10.0	30.0	28.8	4	1.10	947.7
.10	Single, Clear	W	5.5	10.0	6.0	28.8		1.10	189.5
그리 마음이 하면 하지만 그 그리는 병원이	Single, Clear	N	10.5	10.0	12.0	33.2	_	1.02	406.2
	Single, Clear	N	9.5	10.0	36.0	33.2	. 4	1.02	1217.
도 에 [#] 를 됐느니까지 [#] 도시 [##]	Single, Clear	N	16.5	10.0	40.0	33.2		1.02	1360.
[14] [14] [15] [15] [15] [15] [15] [15] [15]	Single, Clear	N	11.5	10.0	40.0	33.2		1.02	1355.
물리 내용 내가 되었습니다. 그런 하는 다른 하게	Single, Clear	_ E	1.5	8.0	60.0	26.4	11	1.02	1616.
	Single, Clear	E	1.5	8.0	9.0	26.4	11	1.02	242.
	Single, Clear	S	1.5	10.0	54.0	20.2		1.01	1106.
	Single, Clear	W	1.5	10.0	42.0	28.8	34	1.01	1218.
	Single, Clear	W	10.5	10.0	33.3	28.8		1.17	1125.
	Single, Clear	S	10.5	10.0	10.0	20.2		2.81	569.
	Single, Clear	SW	15.5	10.0	21.0	24.0		1.83	924.
	Single, Clear	- W	20.5	10.0	14.0	28.	34	1.22	493.
	Single, Clear	S	25.5	10.0	40.0	20.2		3.62	2931.
	Single, Clear	SE	12.5	10.0	15.0	21.		2.15	702.
하다 무섭했다. 그리는 이렇는 이 없다.	Single, Clear	S	10.5	10.0	21.0	20.		2.81	1195.
점 대통하였다. 물리를 느른 나라나 얼마를 그다니다.	Single, Clear	SW	10.5	10.0	15.0	24.	09	1.63	588.
	As-Built Total:	0.0	o <sup>re</sup> and		498.3	12	5	13.	18190.
			million.	71 . "		11"	MD		Points
WALL TYPES Area X BWPM = Points	Туре		F	R-Value	Area	a X	VVP	M =	Politic
			F	R-Value 19.0	Area	aΧ	2.20		
Adjacent 340.0 3.60 1224.0	Frame, Wood, Exterior		F			aΧ		0	3880
			F	19.0	1763.7	X	2.20	0	3880
Adjacent 340.0 3.60 1224.0	Frame, Wood, Exterior		F	19.0	1763.7	a X	2.20	0	3880 1122 5002
Adjacent 340.0 3.60 1224.0 Exterior 1763.7 3.70 6525.7	Frame, Wood, Exterior Frame, Wood, Adjacent			19.0	1763.7 340.0		2.20 3.30	0	3880 1122 5002
Adjacent 340.0 3.60 1224.0 Exterior 1763.7 3.70 6525.7 Base Total: 2103.7 7749.7 DOOR TYPES Area X BWPM = Points	Frame, Wood, Exterior Frame, Wood, Adjacent As-Built Total: Type		F	19.0	1763.7 340.0 2103.7		2.20 3.30	0 0 PM =	3880 1122 <b>5002</b> Points
Adjacent       340.0       3.60       1224.0         Exterior       1763.7       3.70       6525.7         Base Total:       2103.7       7749.7	Frame, Wood, Exterior Frame, Wood, Adjacent As-Built Total:		F	19.0	1763.7 340.0 2103.7 Area		2.20 3.30 WP	0 0 PM =	3880 1122
Adjacent       340.0       3.60       1224.0         Exterior       1763.7       3.70       6525.7         Base Total:       2103.7       7749.7         DOOR TYPES       Area X BWPM = Points         Adjacent       20.0       8.00       160.0	Frame, Wood, Exterior Frame, Wood, Adjacent  As-Built Total:  Type  Adjacent Insulated Exterior Insulated		F	19.0	1763.7 340.0 2103.7 Area		2.20 3.30 WP	0 0 PM =	3880 1122 5002 Point
Adjacent         340.0         3.60         1224.0           Exterior         1763.7         3.70         6525.7           Base Total:         2103.7         7749.7           DOOR TYPES         Area X BWPM = Points           Adjacent         20.0         8.00         160.0           Exterior         20.0         8.40         168.0	Frame, Wood, Exterior Frame, Wood, Adjacent As-Built Total:  Type  Adjacent Insulated Exterior Insulated  As-Built Total:		R-Valu	19.0	1763.7 340.0 2103.7 Area 20.0 20.0	X	2.20 3.30 WP 8.00 8.40	0 0 PM = 0 0	3880 1122 5002 Point 160 168
Adjacent       340.0       3.60       1224.0         Exterior       1763.7       3.70       6525.7         Base Total:       2103.7       7749.7         DOOR TYPES       Area X BWPM = Points         Adjacent       20.0       8.00       160.0         Exterior       20.0       8.40       168.0         Base Total:       40.0       328.0	Frame, Wood, Exterior Frame, Wood, Adjacent  As-Built Total:  Type  Adjacent Insulated Exterior Insulated  As-Built Total:  Type			19.0	1763.7 340.0 2103.7 Area 20.0 20.0 40.0	X X	2.20 3.30 WP 8.00 8.40	0 0 PM = 0 0	3880 1122 <b>5002</b> Point:

## WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 36, Sub: River Rise, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE	AS-BUILT
FLOOR TYPES Area X BWPM = Points	Type R-Value Area X WPM = Points
Slab         285.0(p)         8.9         2536.5           Raised         0.0         0.00         0.0	Slab-On-Grade Edge Insulation 0.0 285.0(p 18.80 5358.0
Base Total: 2536.5	As-Built Total: 285.0 5358.0
INFILTRATION Area X BWPM = Points	Area X WPM = Points
2901.0 -0.59 -1711.6	2901.0 -0.59 -1711.6
Winter Base Points: 21502.2	Winter As-Built Points: 33522.2
Total Winter X System = Heating Points Multiplier Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)
21502.2 0.6274 13490.5	(sys 1: Electric Heat Pump 35000 btuh ,EFF(7.2) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 33522.2 0.500 (1.069 x 1.000 x 1.00) 0.474 1.000 8486.0 (sys 2: Electric Heat Pump 35000 btuh ,EFF(7.2) Ducts: None 33522.2 0.500(1.00 x 1.000 x 1.00) 0.474 1.000 8486.0 33522.2 1.00 1.069 0.474 1.000 16972.0

## WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 36, Sub: River Rise, Plat: , Lake City, FL, 32025-

	ASE			AS-BUILT							
WATER HEA Number of Bedrooms	TING X	Multiplier	= To	otal	Tank Volume	EF	Number of Bedrooms	X Tank X Ratio	Multiplier )	K Credit : Multiplier	= Total
4		2635.00	105	40.0	80.0 80.0	0.90 0.90	4 4	0.50 0.50	2693.56 2693.56	1.00 1.00	5387.1 5387.1
					As-Built To	otal:	. 1	n =	12	× = =	10774.2

CODE COMPLIANCE STATUS												
	164 (	BAS	SE		W.5. <sup>C</sup>	, Y 423		14.16	AS	-BUILT	7/4 =	- g
Cooling Points	+	Heating Points	+	Hot Water Points	Ē	Total Points	Cooling Points	+	Heating + Points	Hot Water Points	=	Total Points
16171		13490		10540		40202	11987		16972	10774	2 3	39734

**PASS** 



## **Code Compliance Checklist**

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 36, Sub: River Rise, Plat: , Lake City, FL, 32025-

PERMIT #:

## 6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: 3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members.  EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Cellings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	355
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610.  Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides.  Common ceiling & floors R-11.	

Tested sealed ducts must be certified in this house.

## ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

## ESTIMATED ENERGY PERFORMANCE SCORE\* = 83.7

The higher the score, the more efficient the home.

George & Vicki Cox, Lot: 36, Sub: River Rise, Plat: , Lake City, FL, 32025-

1. New construction or existing	New	12	. Cooling systems	
2. Single family or multi-family	Single family	_ = 8e	a. Central Unit	Cap: 35.0 kBtu/hr
3. Number of units, if multi-family				SEER: 12.00
4. Number of Bedrooms	San 2 2 2 2 4	<del>7</del>	b. Central Unit	Cap: 35.0 kBtu/hr
5. Is this a worst case?	No	7 50		SEER: 12.00
6. Conditioned floor area (ft²)	2901 ft²	1 1	c. N/A	14 44 4 July 19 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7. Glass type 1 and area: (Label reqd.	by 13-104.4.5 if not default)	<u> </u>		11 m 1 m 1 m <del></del> .
a. U-factor:	Description Area	13	3. Heating systems	
(or Single or Double DEFAULT			a. Electric Heat Pump	Cap: 35.0 kBtu/hr
b. SHGC:	, - Congress Services	3 fr 14		HSPF: 7.20
(or Clear or Tint DEFAULT)	7b. (Clear) 498.3 ft <sup>2</sup>	J. J. S.	b. Electric Heat Pump	Cap: 35.0 kBtu/hr
8. Floor types	(0.000)			HSPF: 7.20
a. Slab-On-Grade Edge Insulation	R=0.0, 285.0(p) ft	5890.0	c. N/A	
b. N/A				
c. N/A		14	1. Hot water systems	
9. Wall types			a. Electric Resistance	Cap: 80.0 gallons
a. Frame, Wood, Exterior	R=19.0, 1763.7 ft <sup>2</sup>	105 64 24 - 106		EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 340.0 ft <sup>2</sup>		b. Electric Resistance	Cap: 80.0 gallons
c. N/A		<u></u>		EF: 0.90
d. N/A		<u>al</u> rugal	c. Conservation credits	n si
e. N/A		<u>-</u> 05.	(HR-Heat recovery, Solar	
10. Ceiling types		77.0	DHP-Dedicated heat pump)	Magnifiant
a. Under Attic	R=30.0, 3100.0 ft <sup>2</sup>	13	5. HVAC credits	
b. N/A		_	(CF-Ceiling fan, CV-Cross ventilation	•
c. N/A		- T	HF-Whole house fan,	
11. Ducts(Leak Free)			PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 75.0 ft		MZ-C-Multizone cooling,	
b. N/A		r <sub>ee</sub> logei	MZ-H-Multizone heating)	
		107		
I certify that this home has comp	lied with the Florida Energ	y Efficien	icy Code For Building	OF THE STATE
Construction through the above e	nergy saving features which	h will be	installed (or exceeded)	3 A M
in this home before final inspecti	on. Otherwise, a new EPL	Display (	Card will be completed	200
based on installed Code complian				
Builder Signature:		Date: _		3 3
		a		
Address of New Home:		City/FI	, Zip:	GOD WE TRUE

\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCPB v4.1)

## **Energy Code Compliance**

## **Duct System Performance Report**

Project Name:

Isaac Construction Inc. - Cox Res.

Address:

City, State: Owner:

Lake City, FL 32025-George & Vicki Cox

Climate Zone:

North

Builder:

Isaac Construction Inc.

Permitting Office: Permit Number:

Jurisdiction Number:

**Total Duct System Leakage Test Results** 

CFM2	5 Total Duct Lea	kage Test Values	
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	cfm25(tot)	cfm25(out)
2	System2	cfm25(tot)	cfm25(out)
3	System3	cfm25(tot)	cfm25(out)
4	System4	cfm25(tot)	cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4  Divide by  (Total Conditioned Floor Area)  =(Q <sub>n</sub> ,tot)  Receive credit if Q <sub>n</sub> ,tot≤ 0.03	Sum lines 1-4  Divide by  (Total Conditioned Floor Area)  =(Q_n,out)  Receive credit if Q_n,out≤ 0.03  AND Q_n,tot≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: \_\_\_\_ Printed Name: \_\_

Florida Rater Certification #: DATE:

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: http://energygauge.com/search.htp



**BUILDING OFFICIAL:** DATE:



Phone (386) 755-3611 Fax (386) 755-3885 Toll free 1-800-616-4707

## Notice of Intent for Preventative Treatment for Termites (As required by Florida Building Code (FBC) 104.2.6)

Aspen Pest Control, Inc. (386) 755-3611 State License # - JB109476 State Certification # - JF104376

George Cox - Lot 36 River Rise Columbia County - 16-7S-17-10006-236

Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment - 23% Disodium Octaborate Tetrahydrate

Method of Termite Prevention Treatment - Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood

Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.

Authorized Signature

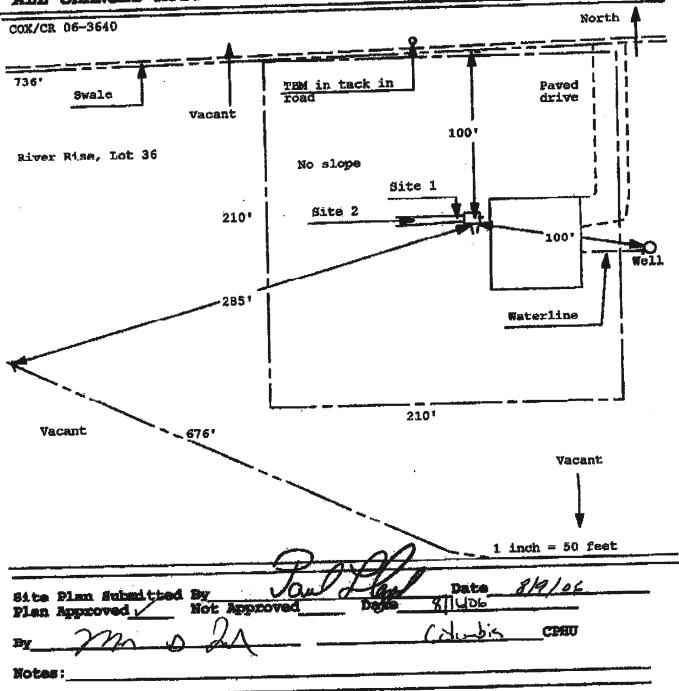
Date





Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan Permit Application Number:

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT North COX/CR 06-3640



## **Columbia County Building Department Culvert Permit**

## Culvert Permit No. 000001191

DATE	08/18/20	06	PARCEL ID #	16-7S-17-10006-236		
APPLICAN	T LI	NDA RODER		PHONE	752-2281	
ADDRESS	387	SW KEMP	COURT	LAKE CITY	F	L 32024
OWNER	GEOR	GE & VICKI C	eox	PHONE		
ADDRESS	855	SW MARY	NIK DRIVE	HIGH SPRINGS	F	FL 32643
CONTRAC	CTOR !	ISAAC CONS	TRUCTION	PHONE	719-7143	
LOCATIO	N OF PI	ROPERTY	41S, TR ON CR 778, TL O	N GREYWAY, TR ON MAR	YNIKS DRIVE,	
11TH LOT O	N LEFT				- W	
SUBDIVIS		NSTALLAT culvert size veriving surface nick reinforce NSTALLAT a) a majorit b) the drive Turnouts concrete of current and culvert install department of	PHASE/UNIT RIVER R  FION REQUIREMENT  Will be 18 inches in diam  tee. Both ends will be mit  ed concrete slab.  HON NOTE: Turnouts w  y of the current and exis  way to be served will be shall be concrete or pave  or paved driveway, which  de existing paved or conce  ation shall conform to the  f Transportation Permit in	eter with a total lenght of the ered 4 foot with a 4:1 so will be required as follow ting driveway turnouts a paved or formed with coted a minimum of 12 feet the ere is greater. The wick creted turnouts.  The approved site plan statistical statistical approved statistical statistic	slope and poure rs: re paved, or; oncrete. wide or the wi dth shall confor ndards.	ed with a 4 inch

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21 Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00





## OCCUPANCY

## **COLUMBIA COUNTY, FLORIDA**

# partment of Building and Zonia

accordance with the Columbia County Building Code. and premises at the below named location, and certifies that the work has been completed in This Certificate of Occupancy is issued to the below named permit holder for the building

Parcel Number 16-7S-17-10006-236

**Use Classification SFD, UTILITY** 

Fire: 33.48

Building permit No. 000024884

Waste: 100.50

Total: 133.98

TA THE

Location: 855 SW MARYNIK DRIVE

Owner of Building GEORGE & VICKI COX

Permit Holder ISAAC CONSTRUCTION

Date: 04/18/2007

**Building Inspector** 

POST IN A CONSPICUOUS PLACE (Business Places Only)

This unit is A.G.A. cardified as a heater with 99% heat efficiency.

No chimney or flut system required.

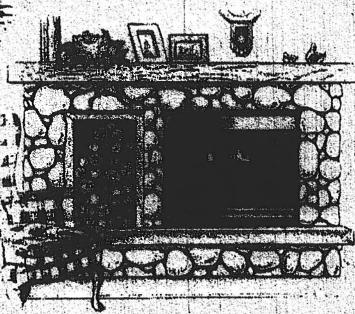
Wide selection of factory installed options offered.

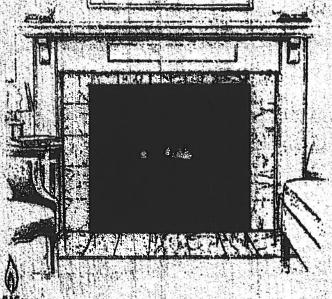
## VF-4000

- 14,000 25,000 Bruthr with manual control valve
- . 19,500 25,000 Bau/hr with millivoit control valve
- · Fully assembled and ready to install
- \* Armanive wood surrounds available
- 15" x 30" fixed or operable screen opening

## VF-5000

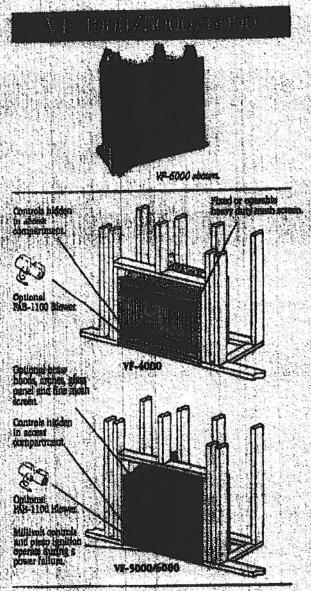
- . 25,000 Bts/hr millivolt variable heat output
- 15" X 30" glass or screen viewing area
- · Clean burning, safe and easy to install
- · Realistic charmed oak logs with glowing embers





## VF-6000

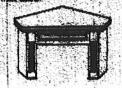
- . 32,000 Bru/hr millivolt variable heat output
- . Beauciful 20" X 34" glass or action viewing area
- Will operate during a power fallure
- Designed for large rooms



## SURROUNDS

The Charleson Poplar Surround is hand crafted using a combination of solid Poplar and Poplar veneer. Using the unique stood type of Poplar allows you the option to paint or state this stegantly detailed surround. The surround is mastricial using easy to essential care tooks, and svallable in corner and wall units.





Distributed by



brick som

One Bux liner leit





Bress Louser Kit (For VE-4 only)



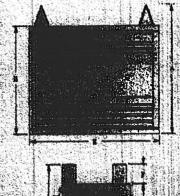








**Front** 



Left Sa

Top

View













A Charles	37		O. D.S. House	
	Btu Ch	art		
III OF SER	No.	neral 1	Proper	3
VF-4000 (minus	14,000	- 25,000	4,000 - 35	(00)
As read laborators	sillisest 19,500	- 25,000	9.500 - 25	,000
45-000 ·	25,660	- 32,000	5,000 m 81	000
COLUMN CALIFORNIA AND ADDRESS.	THE RESERVE AND DESCRIPTIONS OF THE PERSON.	A COMMENT OF PERSONS ASSESSED.	THE RESTAURTED	Design .

**Vent-Free Product Dimensions** 

TOTAL STREET 

75 11 11 11 11 11	Charles of the Control of the	6 September 5 September 5	
<b>建一个规模数</b>	- Shippy	Retent	Depth
V9-4500/5000	377	37-1/4"	55177
V2-6000	Secretary and the second secretary and the second s	42/8/8"	THE RESIDENCE OF THE PARTY OF T
STATE OF THE PERSON NAMED IN COLUMN 2 IN THE		Own Chicago Pagasana	1

Communication appendicultion, communication prices subject to a discontinuation, without motion Build up AAA 221, 11.2 and appended by AAAA, (report # 12070017).

the for local fingline code information.





www.LenhonHearthProducts.com

P/N 904464 UKV # 2/00

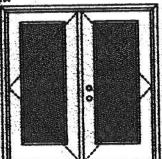
Printed in U.S.A. G2001 Learnow Height Products • 1110 West Taff Ave., Orange, CA 92865-4150 termos Heath Feedure Deed Not better pitel gas appliances include a 20-year lambed warning.

FRX NO. : +386 758 4735

FROM : LAKE CITY INDUSTRIES

## WOOD-EDGE STEEL DOORS

## APPROVED ARRANGEMENT



## Mote:

Units of other sizes are covered by this report as long as the panels used do not succeed 30° x 6'8".

Double Door

+40.5/-40.5

Limited water unless exacts) threshold design is exact.

Lurgo Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design presents and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-regional state or local building codes specify the edition records.

## MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

## MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation datails have been followed - see MiD-WL-MAD002-02.

## APPROVED DOOR STYLES: 1/4 GLASS:











## 1/2 GLASS:















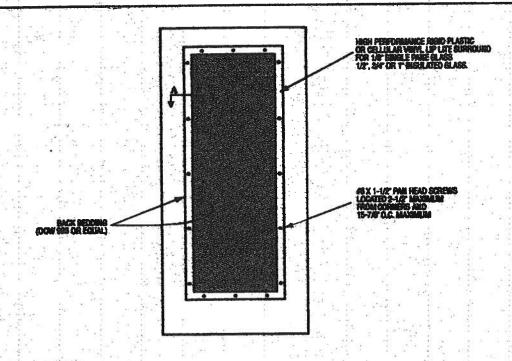
"This glass let may also be send in the following door styles: 5-panel; 6-panel with scroll; Rysbrow 6-panel; Bysbrow 5-panel with scroll.

Johnson Lit, System

ldasch 20, 2002 Der verfündig gengem of geneinst Improprisens under speelfundens, diedige und gestickt.

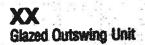


## GLASS INSERT IN DOOR OR SIDELITE PANEL



## TYPICAL RIGHD PLASTIC LP LITE SURROUND 1-9/6 1-9/6 1-9/6 1-9/6 1-9/6 1-9/6 1-1/2 1/7 SMRLE 1/7 SMRLE





## WOOD-EDGE STEEL DOORS

## APPROVED DOOR STYLES:

















## CENTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of stab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lits surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

## PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO PA202

COMPANY STATE

To the best of my knowledge and ability the above side-kinged exterior door and conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structure) Tests and Inspections).

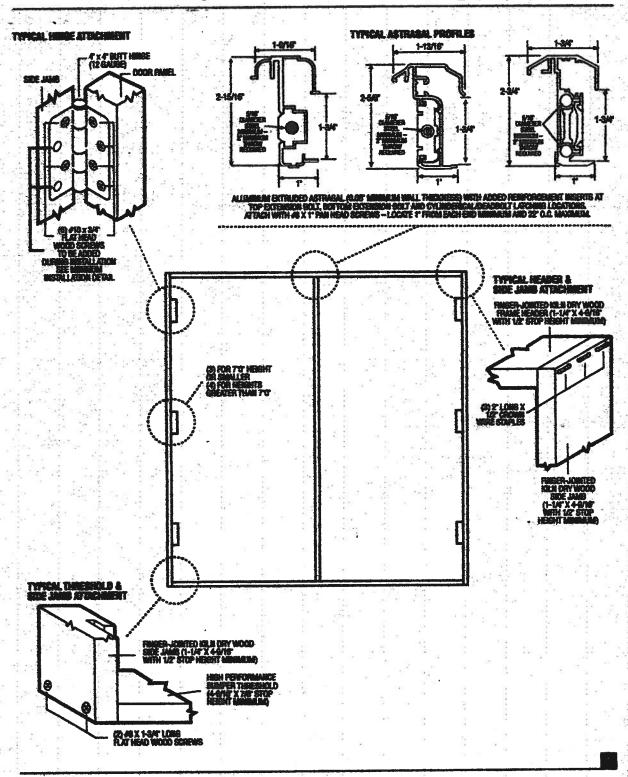
State of Rorida, Professional Engineer Kurt Baithezor, P.E. – License Number 56533

Johnson

desch 20, 2002 De controlly jungens of product improvement makes quantitatives, design and product



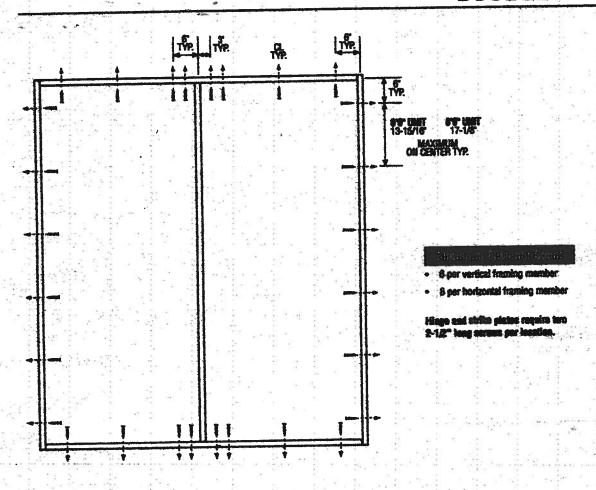
## OUTSWING UNITS WITH DOUBLE DOOR



March 29, 2012 Or contains program of product Improvement colors qualification



## DOUBLE DOOR



## Latching Hardware:

Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylinderical and deadlock hardware be installed.

## Notes:

- 1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #6 and #10 wood screws or 3/16" Tapcons.
- 2. The wood screw single shear design values come from Table 11.9A of AMSUAF & PA NDS for southern pine tumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon bingle shear design values come from the ITW and ELCO Dade Country approvals respectively, each with minimum 1-1/4" embedment.
- 3. Wood bucks by others, must be anchored properly to transfer loads to the structure.





## AAMANWWDA 101/18/2-97 TEST REPORT SUMMARY

Rendered to:

## MI HOME PRODUCTS, INC.

SERIES/MODEL: 650 Fin TYPE: Aluminum Single Hung Window

Till 2 of Test	Regulin
Rating	H-R40 32 x 72
Overall Design Pressure	+45.0 pag -47-2 pag
Operating Force	11 lb max.
Air infiltration	0.13 cm/fr
Water Resistance	6.00 pef
Structural Test Pressure	+67.5 paf
Deglazing	-70.8 par Passed
Forced Entry Resistance	Grade 10

Reference abouid be made to Report No. 01-41134.01 desert 03/26/02 for complete test specialists (Reservoires and data.

FOR ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technicism

MAHab

alle A. Ren

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## AAMA/NWWDA 101/LSL2-97 TEST REPORT

## Rendered to

MI HOME PRODUCTS, INC. 650 West Market Street P.O. Box 370 Gratz, Pennsylvania 17030-0370

> Report No: 01-41134.01 Test Date: 03/07/02 Report Date: 03/26/02 Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their holifty located in Blizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/LS.2-97, Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.

## Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sanh Sha: 4'1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glasing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annualed glass and a rustal reinforced page spacer system. The active such was channel glazed utilizing a flexible vinyl wraphycond-gasket. The fixed lite was interior glazed against double-sided achiesive from manual secured with PVC spap-in glazing beads.

130 Derry Court York, PA 17:02-9605 Phorie: 717.764.7700 fast: 717.764.4129 www.archtest.com

allan R. R.

TO 18384



01-41134.01 Page 2 of 5

## Test Specimen Description: (Continued)

## Weatherstripping:

12.14	Description Outsity Location
	0.230" high by 0.270" I Row Fixed meeting rail
	backed polyptie with
	center fin
	0.250" high by 0.187" 2 Rows Active sash stiles
	backed polypile with
	Center fin
	1/2" x 1/2" dust plug 4 Pieces Active sest, top and bottom of
	<b>alle</b>
	1/4" form-filled 1 Row Active such, bottom rail
	vinyi bulb seal

Frame Construction: The frame was constructed of extrained aluminum with copied, butted, and scaled corners fastened with two #8 x 1" screws through the head and all into each jamb screw boss. And caps were utilized on the ends of the fixed mosting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws:

Seath Construction: The seah was constructed of extraded aluminum with coped, butted, and sealed corners flatened with two #8  $\times$  1-1/2" acrews through the mile into each jamb screw boss.

Servine Construction: The acrean was constructed from roll-formed aluminum with keyed corners. The fiberglass mean was secured with a flexible spline.

## Hardware:

Description	Quantity	Location		
Metal cam lock		Midspan, active mee	the salt sale.	
with keeper		lesper adjecent on fi	xed meeting rail	
Plantic tilt latch	2	Active sesh, meeting		
Metal tilt pin	2			
Balance assembly		Author Bash, bottom	all ends minimum.	<b>b.</b>
		One in each jamb	ATIPIE	2/3
Screen plunger	2	4" from rail ands on t		9
			. 7 .	*
			STATE OF	SE A
		aun n. R.	16,460200	4.10



Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a  $2 \times 8$  #2 Sprace-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethans was used as a scalant under the nail fin and around the exterior partmeter.

## Test Results:

The results are tabulated as follows:

Nache History

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Note \$1: The tested specimen meets the performance levels specified in AAMA/NIPWDA 101/LS. 2-97 for air infiltration.

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	MAKING CO.	62 ber (botti	zad)	0.42**		0.26" max.
::		@ 34.7 psf (nega	(suff			
				0.43**		0.26" max
- 10	A Committee of the Comm	Soulding L				market Manager 1

<sup>&</sup>quot;Exceeds LL13 for deflection, but passes all other test requirements.

4 9	.4.2	그렇게 그는 사회 사회, 경기는 사람은 사람들이 보는 사람이 되었다. 그는 경기는 사람이 가장 가장 가장 하는 사람이 되었다.
de A	A.A.	Uniform Load Structural (ASTM B 330-97)
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OLL D. Pare

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01-41134.01 Page 4 of 5

## Test Specimes Description: (Continued)

Personal	Title of Test - Test Method	Rents	Allowed
2.2.1.6.2	Degisting Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail Bottom rail	0.12°/25% 0.12°/25%	0.50°/100% 0.50°/190%
	In remaining direction at 50 lbs		
	Left stile Right stile	0.06"/12% 0.06"/12%	0.50°/100% 0.50°/100%
	Forced Entry Resistance (ASTM)	F 588-97)	
	Type: A Grade: 10		
	Lock Manipulation Test	No sotry	No entry
of the Kills	Tests Al through A5 Test A7	No entry No entry	No entry No entry
etingië	Lock Manipulation Test	No entry	No entry

## Oritional Performance

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						of the last						2 00000					44 4 7	ULAS:	" PILD	

\*Exceeds E/175 for deflection, but passes all other test requirements.

Uniform Load Structural (ASTM B 330-97)
(Measurements reported were taken on the meeting rafi)
(Loads were held for 10 seconds)

@ 67.5 per (positive)

@ 70.8 per (negative)

0.05\*

au M. R.





01-41134.01 Page 5 of 5

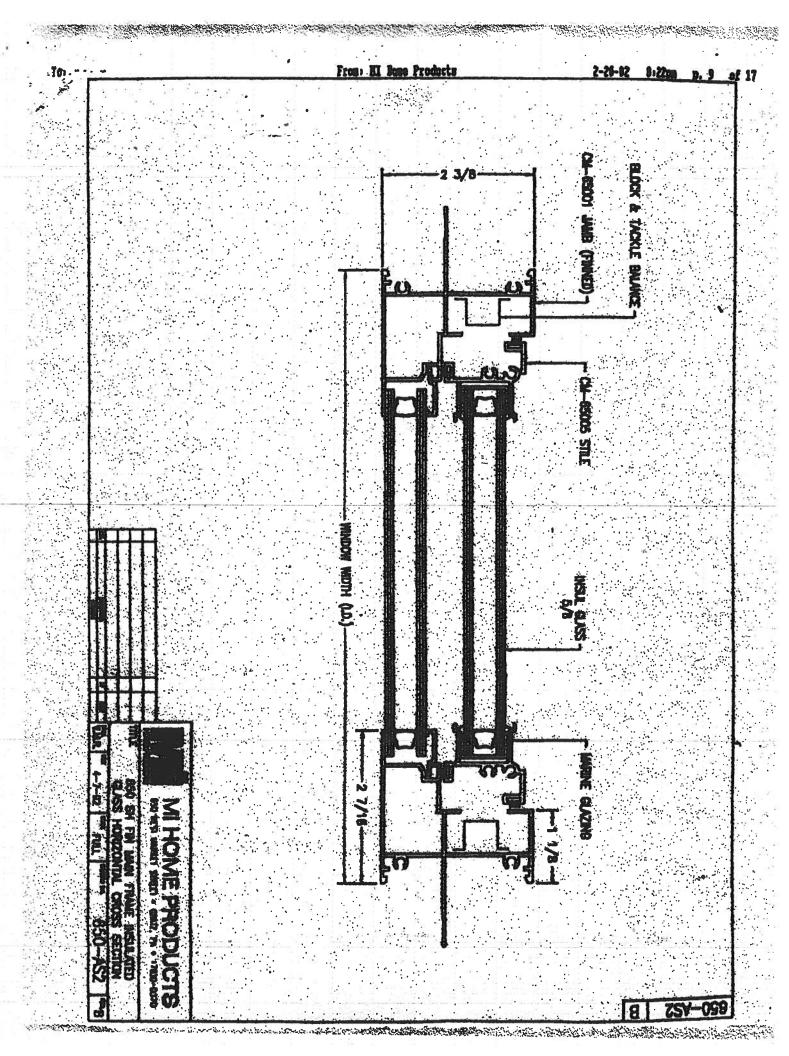
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

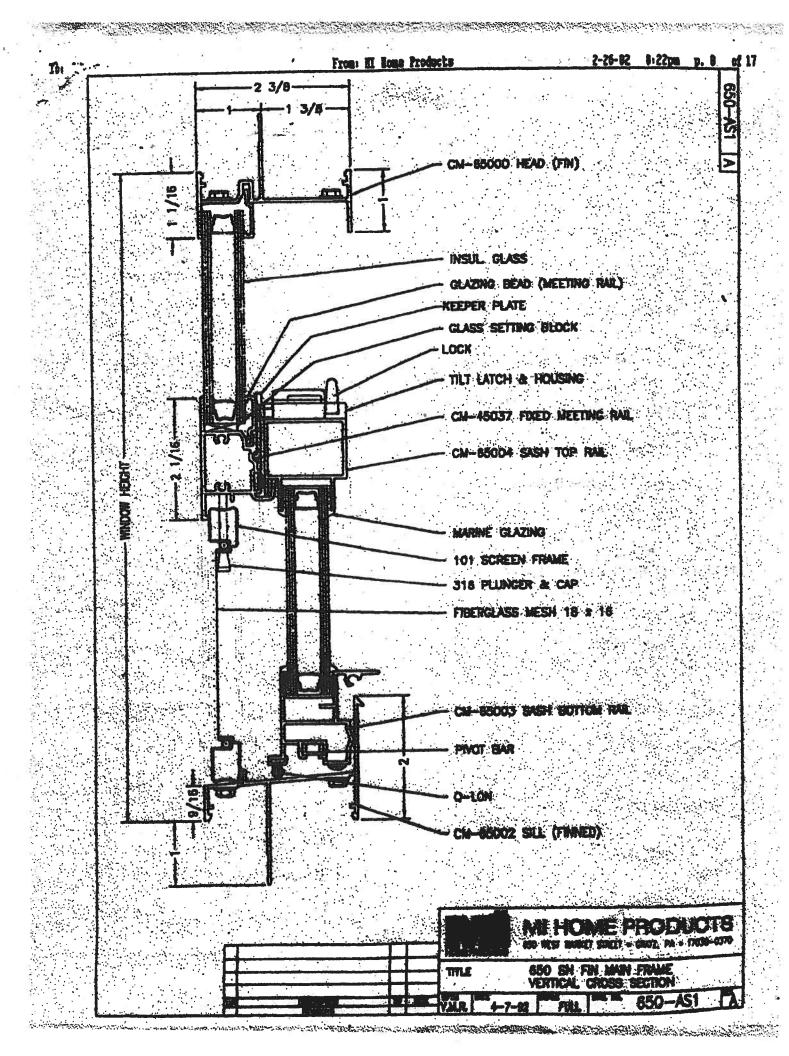
For ARCHITECTURAL TESTING, INC:

Mask A. Heas Technician

MAR:nlb 01-41134.01 Allen N. Retves, P.B.
Director - Buginouring Services









FEB - 4 PET

January 31, 2002

## TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at FAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

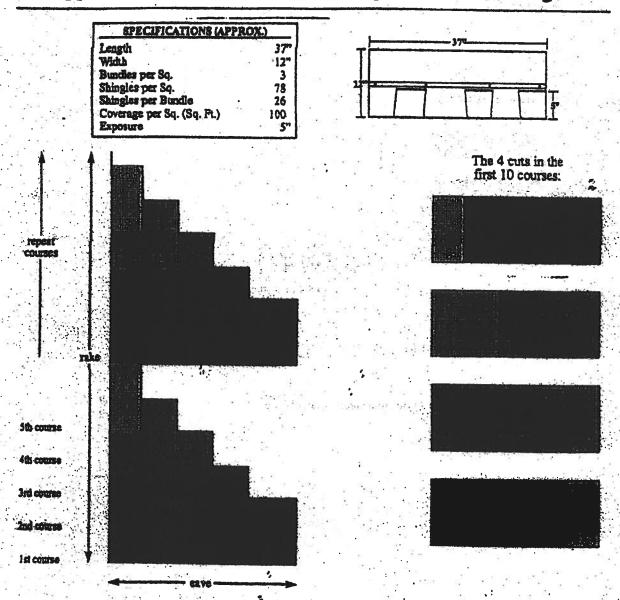
All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-4691.

TAMKO Roofing Products, Inc.



## Application Instructions For Heritage® 25 Series Shingles

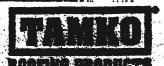


In the first 10 courses, there are 4 cuts and no waste.

When you reach the other side of the roof, whatever has to be trimmed off can be used in the field of roofing.

For additional application information consult the application instructions printed on the product package.

NOTE: These application instructions apply only to Heritage 25 and Heritage 25 AR shingles.



## **Application Instructions for**

## Glass-Seal AR

## · Elite Glass-Seal\* All

## THEER-TED ASPEALT SHIVELES

These are the Manufacturer's application instructions for the Roofing Conditions described. Tanko Roofing Products, inc. assumes no responsibility for Leaks or other Roofing defects resulting from Falure to Follow the Manufacturer's instructions.

THE PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER. IN COLD WEATHER (BELOW 40°F), CARE MUST SE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT: It is not necessary to remove the plastic strip from the back of the shingles.

## 1. ROOF BEEN

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions littled "Low Slope Application", Shingles must be epipled properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be routed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYMOCO: All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in apportunite with the recommendations of the American Plywood Association.

BHEATHING ECARIDS: Boards shall be well-eassoned longue-andgrows boards and not over 6 in. nominal width, Boards shall be si 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

## 2. TENTILATION

inadequate ventilation of attic species can pause accumulation of moisture in winter months and a build up of heat in the aummer. These conditions can lead to:

- 1. Vapor Condensation
- 2. Buckling of shingles due to deck movement.
- 3. Rolling of wood members.
- 4. Premature failure of roof.

To insure adequate vanilation and circulation of air, place louvers of sufficient size high in the gable ends and/or training continuous ridge and

FHA minimum property standards require one square foot of not free ventilation layes to each 150 square feet of space to be vented, or one square foot per 300 square feet if a veptir banfer is initialised on the ventilation for it is a ventilation of the ventilation is provided near the flogs. If the ventilation openings are screened, the total ages should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VEHITLATION

## 2. PASTERNIA

BARS: TAMKO recommends the use of nails as the preferred method of application.

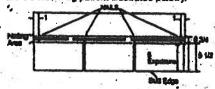
White CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct smitght, These

conditions may impade the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must elso be fastened according to the festening instructions described below.

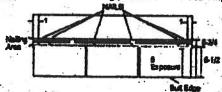
Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagraft and described below, TANKO will not be responsible for any shingles blown off or displaced. TANKO will not be responsible for damage to shingles caused by winds or gusts exceeding gairs force. Gale force shall be the standard as defined by the U.S. Weather Sureau.

FASTENING PATTERNS: Fasteners must be placed above or below the factory applied sestant in an area between 5-1,2° and 5-34° from the butt edge of the shingle. Fasteners about be located horizontally according to the diagram below. Do not not not not not not the sestant. TAMKO recommends noting below the sealant whenever possible for greater what resistance.

Standard Pastening Pattern. (For use on decits with slopes 2 in, per foot to 21 in, per foot.) One fastenar 1 in, back from each and end one 12 in, back from each end of the shingle for a total of 4 fasteners. (See standard fastening pattern Businated below).



2) Manaard or High Wind Fastening Pattern. (For use on decks with slopes graster than 21 in. per foot.) One fastener 1 in: back from each end and one fastener 10-1/2 in. back from each end and one fastener per fastener. 13-1/2 in. back from each end for a total of 6 fastener per stringle. (See Manaard fastening pattern flustrated below.)



NAILS: TAMKO recommends the use of raits as the preferred method of application. Standard type roofing raits should be used. Nell sharks should be made of minimum 12-gauge wire, and a minimum hand diameter of 3/8 in. Nells should be long enough to penebate 3/4 in.

(Continued)

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800-841-4691 800-368-2066 800-228-2688 800-443-1834

07/

800-443-1834 800-530-8868

CONTINUED TOTT PG. 2)

- Blass-S
- · Elite Glass-Seal® AR

THE TO PART ASPEALT STITCHED

with quick setting asphalt adhesive coment immediately upon installation. Spots of cament must be aculvatent in size to a \$.25 piece and pplied to shingles with a 5 in. exposure, use 5 fasteners per shingle. See Section 3 for the Mansard Fastening Pattern.

## E. BE-BOSPING

Before re-roofing, be certain to inspect the roof decks. All plywood shall meet the requirements listed in Section 1;-

Nall down or remove curled or broken shingles from the existing roof. Replace all initialing shingles with new ones to provide a smooth best Shingles that are buckled usually indicate warped deciding or protiuding neits. Hammer down all protruding neits or remove them and referten in a new location. Remove all drip edge metal and replace with new.

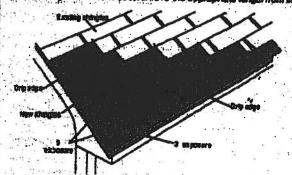
If re-robting over an existing roof where new flashing is required to protect against ice dams (freeze/thaw cycle of water and/or the backup of water in frozen or dogged gutters), remove the old roofing to a point at least 24 in. beyond the interior wall the and apply TAMKO's Moisture Guard Plus waterproofing underlayment, Contact TAMKO's Technical Sarvices Department for more information.

The nepting ground and described below is the preferred method for re-routing over equate lab step stringles with a 5 in, exposure,

Starter Course; Bogin by using TAMKO Shingle Starter or by cutting shingles into 5 x 36 inch strips. This is done by removing the 5 in, tabe from the bottom and approximately 2 in, from the top of the shingles so that the remaining portion is the same width as the exposure of the old shingles. Apply the starter piece so that the self-eeding adhesive less along the caves and is even with the existing roof. The starter strip should be wide anough to overhang the caves and carry water into the guiller. Remove 2 in, from the length of the first starter shingle to ensure that the joints from the old roof do not align with the new.

First Gausses. Out off approximately 2 in, from the bottom edge of the shingles ap that the shingles fit beneath the existing third course and after with the edge of the starter strip. Start the first course with a full 36 in, long shingle and fasten according to the instructions printed in Sec-

Bacanti and Busepedina Courses; According to the off-set applica-tion method you choose to use, remove the appropriate length from the



rake end of the first shingle in each succeeding course. Place the top edge of the new shingle against the bult edge of the old shingles in the courses above. The full width shingle used on the second course will reduce the exposure of the first course to 3 in. The remaining courses will automatically have a 5 in exposure.

## S. TALLEY APPLICATION

Over the shingle underlayment, center a 36 in. wide street of TANKO Neil-Fest<sup>e</sup> or a minimum 50 to roth recting in the valley. Nail the fest only where necessary to hold it in place and then only nell the outside

ORTANT: PRIOR TO INSTALLATION WARM SHINGLES TO PRE-VENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLES TO FORM VALLEY.

Apply the first course of shingles along the caves of one of the intersecting roof planes and across the valley.

Note: For proper flow of water over the trimmed shingle, always start applying the shingles on the roof plene that has the lower slope or less height.

- Extend the end shingle at least 12 in, onto the adjoining real. Adoly successful courses in the same manner, strenging them series the valley and onto the adjoining roof.

  Do not trim if the shingle length exceeds 12 in, Lengths should vary.
- Press the shingles tightly into the valley.
  Use normal shingle fastening methods.

Note: No festener should be within 6 in. of the velley centerine, and two fasteners should be placed at the end of each shiringle crossing the valley.

· To the adjoining roof plane, apply one row of shingles extending it over previously applied shingles and him.

a minimum of 2 in. back from the carletine of the valley.

Note: For a nester installation, anap a challding over the chingles for guidence:

- Cilp the upper comer of each shingle at a 45-degree angle and embed the end of the shipple in a 3 in, wide ship of subhall pleate coment. This will prevent water from penetrating between the courses by directing it into the velley.
- CAIMON-Adhesia ment be plied in amouth, this, even layers.

Excessive use of By eviseribs cause blistering in this product.

TAMKO assumes no responsibility for blistering.



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(CONTINUED from Pg. 3)

Slees-See

St. St. Co.

76,820 S.E. S.

THREE TAR REPEALS SETTINGLES

FOR ALTERNATE VALLEY APPLICATION METHODS, PLEASE CON-TACT TANKO'S TECHNICAL SERVICES DEPARTMENT.

10. RIP AND REDGE PASTERING DETAIL.

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the sidge opposite the direction of the prevailing winds. Secure each shingle with one festener 5-1/2 in. back from the exposed and and 1 in, up from the edge. Do not neil directly into the analent.

TANKO recommends the use of TANKO Hip & Ridge shingle products. Where matching colons are gridable, it is acceptable to use TANKO's Glass-Seal or Ellie Glass-Seal shingles out down to 12 in, pieces.

NOTE: AR type shingle products should be used as Hip & Ridge on Gless-Seel AR and Elite Glass-Seel AR shingles,

Fasteners should be 1/4 in. longer than the one used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH GAN OCCUR WHILE BEND ing shingles in cool weather.

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUC-TIONS FOR THE ROOFING CONDITIONS DESCRIBED, TAMKO ROOFING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR Leaks or other roofing defects resulting from fallure to follow the manufacturer's instructions.

Direction of preveiling wind

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY. THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

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IMPORTANT - READ CAREFULLY BEFORE OPENING BUNDLE

INDUCTANT - READ CARREPORT OF REFORE OFFERING SUNDLE
In this paragraph "You!" end you!" refer to the Installer of the shingles and the owner of the building on which these shingles will be installed. This
is a legally blocking agreement between You and TAMKO Roofing Products, Inc. ("TAMKO"). By opening this bundle You agree; (e) to Install the
shingles shickly in accordance with the instructions printed on this wrapper, or (b) that shingles which are not installed shickly in accordance with
the instructions printed on this wrapper are sold "AS IS" and are not covered by the limited warranty that is also printed on this wrapper, or any
other warranty, including, but not limited to (except where prohibited by law) implied warranties of MERCHANTABILITY and FITNESS FOR USE:

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# HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"6" WELLS



DONALD AND MARY HALL OWNERS PHONE (904) 752-1854
FAX (904) 755-768

ZERNOTH PRETAINERS
LAKE CITY, FLORIDA 2056
904 NW Main Blyd.

June 12, 2002

#### NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank, you

Donald D. Hall

DDH/jk

# **Residential System Sizing Calculation**

Summary

George & Vicki Cox

Lake City, FL 32025-

Project Title: Isaac Construction Inc. - Cox Res.

Code Only
Professional Version
Climate: North

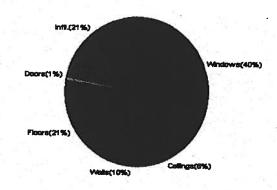
7/20/2006

1 1 1 1 1				112012000	
Location for weather data: Gaines	sville - Def	aults: Lati	tude(29) Altitude(152 ft.) Temp Rang	e(M)	
Humidity data: Interior RH (50%	<u>) Outdoor</u>	wet bulb (	77F) Humidity difference(54gr.)		
Winter design temperature	33		Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	58723	Btuh	Total cooling load calculation	60129	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	
Total (Electric Heat Pump)	119.2	70000	Sensible (SHR = 0.75)	107.9	
Heat Pump + Auxiliary(0.0kW)	119.2	70000	Latent	152.2	
			Total (Electric Heat Pump)	116.4	

#### WINTER CALCULATIONS

Winter Heating Load (for 2901 sqft)

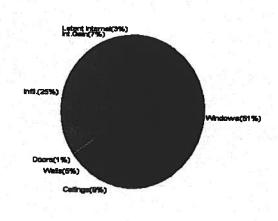
Load component	14	1	Load	
Window total	498	sqft	23415	Btuh
Wall total	2104	saft	6159	Btuh
Door total	40	sqft	518	Btuh
Ceiling total	3100	saft	3653	Btuh
Floor total	285	saft	12443	Btuh
Infiltration	309	cfm	12534	Btuh
Duct loss			0	Btuh
Subtotal		40.0	58723	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS		- 12	58723	Btuh



### **SUMMER CALCULATIONS**

Summer Cooling Load (for 2901 sqft)

Load component		35 <sub>12</sub>	Load	
Window total	498	sqft	30672	Btuh
Wall total	2104	sqft	3157	Btuh
Door total	40	sqft	392	Btuh
Ceiling total	3100	sqft	5134	Btuh
Floor total		E =	0	Btuh
Infiltration	271	cfm	5039	Btuh
Internal gain		70	4240	Btuh
Duct gain		1 1	0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain		, A <sub>11</sub> 11	48634	Btuh
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			9895	Btuh
Latent gain(ventilation)		11 - 2	0	Btuh
Latent gain(internal/occupa	ants/other	n =	1600	Btuh
Total latent gain		/	11495	Btuh
TOTAL HEAT GAIN			60129	Btuh



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: John Masses
DATE: 7-20-06

# **System Sizing Calculations - Winter**

Residential Load - Whole House Component Details

Cox

Project Title:

Isaac Construction Inc. - Cox Res.

Code

Profes

George & Vicki Cox

Lake City, FL 32025-

Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

7/20/2006

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
	1, Clear, Metal, 1.27	W	30.0	47.0	1410 Btu
2	1, Clear, Metal, 1.27	W	6.0	47.0	282 Btu
3	1, Clear, Metal, 1.27	N	12.0	47.0	564 Btu
4	1, Clear, Metal, 1.27	N	36.0	47.0	1692 Btu
5	1, Clear, Metal, 1.27	N	40.0	47.0	1880 Btu
6	1, Clear, Metal, 1.27	N	40.0	47.0	1880 Btu
7	1, Clear, Metal, 1.27	Ē	60.0	47.0	2819 Btu
8	1, Clear, Metal, 1.27	Ē	9.0	47.0	
9	1, Clear, Metal, 1.27	S	54.0	47.0	423 Btu
10	1, Clear, Metal, 1.27	w	42.0	47.0	2537 Btu
11	1, Clear, Metal, 1.27	w	33.3	47.0	1974 Btu
12	1, Clear, Metal, 1.27	S	10.0		1565 Btu
13	1, Clear, Metal, 1.27	sw		47.0	470 Btu
14	1, Clear, Metal, 1.27	W	21.0	47.0	987 Btu
15	1, Clear, Metal, 1.27	S	14.0	47.0	658 Btu
16	1, Clear, Metal, 1.27		40.0	47.0	1880 Btu
17	1, Clear, Metal, 1.27	SE	15.0	47.0	705 Btu
18	1, Clear, Metal, 1.27	S	21.0	47.0	987 Btu
10	Window Total	SW	15.0	47.0	705 Btu
Walls		DVI	498(sqft)		23415 Btu
1 1	Type	R-Value	Area X	HTM=	Load
2	Frame - Wood - Ext(0.08)	19.0	1764	2.9	5043 Btu
10 1	Frame - Wood - Adj(0.09)	13.0	340	3.3	1117 Btu
Doors	Wall Total		2104		6159 Btu
and the Country of th	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btu
2	Insulated - Adjacent		20	12.9	259 Btu
Oalliana	Door Total	0	40	<u> </u>	518Btu
Cellings	Type/Color/Surface	R-Value	Area X	HTM=	Load
132	Vented Attic/D/Shin)	30.0	3100	1.2	3653 Btul
	Ceiling Total		3100	F. 11	3653Btul
Floors	Туре	R-Value	Size X	HTM=	Load
12.5	Slab On Grade	0	285.0 ft(p)	43.7	12443 Btul
	Floor Total	8	285		12443 Btul
		Z	one Envelope Su	btotal:	46188 Btul
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.80	23208	309.4	12534 Btul
Ductload	0 Btuh				
Zone #1	58723 Btuh				

### **Manual J Winter Calculations**

Residential Load - Component Details (continued)

George & Vicki Cox

Lake City, FL 32025-

Project Title: Isaac Construction Inc. - Cox Res.

Code Only Professional Version Climate: North

7/20/2006

apere house levels		
	Subtotal Sensible Ventilation Sensible Total Btuh Loss	58723 Btuh 0 Btuh 58723 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types )



For Florida residences only

## **System Sizing Calculations - Winter**

Residential Load - Room by Room Component Details

George & Vicki Cox

Isaac Construction Inc. - Cox Res.

Code Only Professional Version

Lake City, FL 32025-

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

7/20/2006

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load	
	1, Clear, Metal, 1.27	W	30.0	47.0	1410 Btu	
2	1, Clear, Metal, 1.27	W	6.0	47.0	282 Btu	
3	1, Clear, Metal, 1.27	N	12.0	47.0	564 Btu	
4	1, Clear, Metal, 1.27	N	36.0	47.0	1692 Btu	
5	1, Clear, Metal, 1.27	N	40.0	47.0	1880 Btul	
6	1, Clear, Metal, 1.27	N	40.0	47.0	1880 Btul	
7	1, Clear, Metal, 1.27	E	60.0	47.0	2819 Btul	
8	1, Clear, Metal, 1.27	E	9.0	47.0	423 Btul	
9	1, Clear, Metal, 1.27	S	54.0	47.0	2537 Btul	
10	1, Clear, Metal, 1.27	W 1	42.0	47.0	1974 Btul	
11	1, Clear, Metal, 1.27	W	33.3	47.0	1565 Btul	
12	1, Clear, Metal, 1.27	S	10.0	47.0	470 Btul	
13	1, Clear, Metal, 1.27	SW	21.0	47.0	987 Btul	
14	1, Clear, Metal, 1.27	W	14.0	47.0	658 Btul	
15	1, Clear, Metal, 1.27	s	40.0	47.0	1880 Btul	
16	1, Clear, Metal, 1.27	SE	15.0	47.0	705 Btul	
17	1, Clear, Metal, 1.27	S	21.0	47.0	987 Btul	
18	1, Clear, Metal, 1.27	sw	15.0	47.0	705 Btul	
	Window Total		498(sqft)	47.0	23415 Btul	
Walls	Туре	R-Value	Area X	HTM=	Load	
1	Frame - Wood - Ext(0.08)	19.0	1764	2.9	5043 Btul	
2	Frame - Wood - Adj(0.09)	13.0	340	3.3	1117 Btul	
	Wall Total	19.0	2104	3.3	6159 Btuh	
Doors	Type	THE RESERVE	Area X	HTM=	Load	
1.3	Insulated - Exterior		20	12.9	259 Btul	
2	Insulated - Adjacent	* *	20	12.9	259 Btuh	
	Door Total		40	12.8	239 Blur 518Btuh	
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load	
	Vented Attic/D/Shin)	30.0	3100	1.2		
	Ceiling Total	00.0	3100	1.2	3653 Btuh	
Floors	Туре	R-Value	Size X	HTM=	3653Btuh	
1	Slab On Grade	0	285.0 ft(p)	43.7	Load	
	Floor Total	54	285	43.7	12443 Btuh	
	1.00		200		12443 Btuh	
			one Envelope Su	ıbtotal:	46188 Btuh	
Infiltration	Туре	ACH X	Zone Volume	CFM=		
	Natural	0.80	23208	309.4	12534 Btuh	
Ductioad	Ductional Proposed leak free, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					
Zone #1	58723 Btuh					

### **Manual J Winter Calculations**

Residential Load - Component Details (continued)

George & Vicki Cox

Lake City, FL 32025-

Project Title:
Isaac Construction Inc. - Cox Res.

Code Only Professional Version

Climate: North

7/20/2006

	The second of th
Subtotal Sensible Ventilation Sensible Total Btuh Loss	58723 Btuh 0 Btuh 58723 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - Manual) Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types )



For Florida residences only

### **System Sizing Calculations - Summer**

Residential Load - Whole House Component Details

George & Vicki Cox

**Project Title:** 

Lake City, FL 32025-

Isaac Construction Inc. - Cox Res.

Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

7/20/2006

	Type* Overhai			hang Window Area(sqft)			HTM		Load		
Window	Pn/SHGC/U/InSh/ExSh/IS	Omt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
g 36% 1 26 tv	1, Clear, 1.27, None,N,N	W	5.5ft	10ft.	30.0	0.0	30.0	37	94	2821	Btul
2	1, Clear, 1.27, None,N,N	. W	5.5ft	10ft.	6.0	0.0	6.0	37	94	564	
3	1, Clear, 1.27, None,N,N	N≘	10.5f	10ft.	12.0	0.0	12.0	37	37	449	
4	1, Clear, 1.27, None,N,N	N	9.5ft	10ft.	36.0	0.0	36.0	37	37	1348	
5	1, Clear, 1.27, None,N,N	N	16.5f	10ft.	40.0	0.0	40.0	37	37	1498	
6	1, Clear, 1.27, None,N,N	N	11.5f	10ft.	40.0	0.0	40.0	37	37	1498	
7	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	60.0	0.0	60.0	37	94	5643	
8	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	9.0	0.0	9.0	37	94	846	
9	1, Clear, 1.27, None,N,N	s	1.5ft	10ft.	54.0	49.6	4.4	37	43	2046	
10	1, Clear, 1.27, None,N,N	w	1.5ft	10ft.	42.0	0.0	42.0	37	94	3950	
11	1, Clear, 1.27, None,N,N	W	10.5f	10ft.	33.3	26.9	6.4	37	94		
12	1, Clear, 1.27, None,N,N	S	10.5f	10ft.	10.0	10.0	0.0	37	43	1610	
13	1, Clear, 1.27, None,N,N	sw	15.5f	10ft.	21.0	21.0	0.0	37		375	
14	1, Clear, 1.27, None,N,N	W	20.5f	10ft.	14.0	14.0	-	_	75	787	
15	1, Clear, 1.27, None,N,N	S	25.5f	10ft.	40.0		0.0	37	94	524	
16	1, Clear, 1.27, None,N,N	SE	12.5f	10ft.		40.0	0.0	37	43	1498	
17	1, Clear, 1.27, None,N,N	S	10.5f	10ft.	15.0 21.0	15.0	0.0	37	75	562	
18	1, Clear, 1.27, None,N,N	sw	10.5f			21.0	0.0	37	43	787	
	Excursion	344	10.51	10ft.	15.0	15.0	0.0	37	75	562	
			25							3304	
104-11-	Window Total				498 (	sqtt)			9	30672	Btul
Walls	Туре		R-Va	ilue/U	-Value	Area(	sqft)	> _U/1 **	HTM	Load	
	Frame - Wood - Ext			19.0/0	80.0	176	3.7		1.5	2644	Btul
2	Frame - Wood - Adj			13.0/0		340			1.5	513	
	Wall Total						4 (sqft)		1.5		
Doors	Туре	m,	U284		n 14,75				LITAA	3157	Dtur
Quality and the same	Insulated - Exterior				1200	Area			HTM	Load	
2						20			9.8	196	Btuh
~	Insulated - Adjacent					20			9.8	196	Btuh
-	Door Total			11 17	10 V	4	0 (sqft)		1	392	Btuh
Ceilings	Type/Color/Surface	9 99	R-Va	lue	55 (2)	Area(	saft)		НТМ	Load	1
1	Vented Attic/DarkShingle			30.0		310			1.7		
	Ceiling Total			30.0					1./	5134	
Floors							0 (sqft)			5134	Btuh
	Туре		R-Va	lue		Siz	e e		HTM	Load	
1	Slab On Grade			0.0		28	5 (ft(p))		0.0	0	Btuh
	Floor Total					285 (	0 (sqft)			_	Btuh
		1	15. 1		-		104.17				Dtuii
	185					7-		الم مسما			- °
	4.2 0 0 0 0 0					20	ne Enve	iope Su	ototai:	39355	Btun
			791						24. 1/2		
nfiltration	Туре		A	CH		Volume	e(cuft)		CFM=	Load	
	SensibleNatural			0.70		232			270.8		Btuh
Internal :		(	Occup	ants		Btuh/oc		Δ	ppliance		0(0.1
galn			Jooup							Load	. <del>.</del>
ouct load	Proposed look for - DO		L . / A 44	8	4 22	X 230	) +		2400	4240	
Juct IDad	Proposed leak free, R6.	v, Supp	DIY(Att	ic), Re	eturn(A	ittic)	li V	DGM:	= 0.00	0.0	Btul
						XII.	Sensibl	_		48634	= 11

### **Manual J Summer Calculations**

Residential Load - Component Details (continued)

George & Vicki Cox

Lake City, FL 32025-

**Project Title:** Isaac Construction Inc. - Cox Res. Code Only **Professional Version** Climate: North

7/20/2006

	Sensible Envelope Load All Zones	48634	Btul
	Sensible Duct Load	0	Btuh
	Total Sensible Zone Loads	48634	
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	48634	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	9895	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600	Btuh
	Latent other gain	0	Btuh
	Latent total gain	11495	Btuh
	TOTAL GAIN	60129	Btuh

\*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Bilinds(B), Draperles(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Omt - compass orientation)



For Florida residences only

## **System Sizing Calculations - Summer**

Residential Load - Room by Room Component Details i Cox Project Title: Code C

George & Vicki Cox

Isaac Construction Inc. - Cox Res.

**Code Only** Professional Version

Lake City, FL 32025-

Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

7/20/2006

	Type*		Over	hang	Wir	ndow Area	a(saft)	* F	HTM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Omt	Len	Hgt	Gross		Unshaded				
Par Paris	1, Clear, 1.27, None,N,N	W	5.5ft	10ft.	30.0	0.0	30.0	37	94	2821	Btul
2	1, Clear, 1.27, None,N,N	W	5.5ft	10ft.	6.0	0.0	6.0	37	94	564	
3	1, Clear, 1.27, None,N,N	N	10.5f	10ft.	12.0	0.0	12.0	37	37	449	
4	1, Clear, 1.27, None,N,N	N	9.5ft	10ft.	36.0	0.0	36.0	37	37	1348	
5	1, Clear, 1.27, None,N,N	N	16.5f	10ft.	40.0	0.0	40.0	37	37	1498	
6	1, Clear, 1.27, None,N,N	N	11.5f	10ft.	40.0	0.0	40.0	37	37	1498	
7	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	60.0	0.0	60.0	37	94	5643	
8	1, Clear, 1.27, None,N,N	E	1.5ft	8ft.	9.0	0.0	9.0	37	94	846	
9	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	54.0	49.6	4.4	37	43	2046	
10	1, Clear, 1.27, None,N,N	W	1.5ft	10ft.	42.0	0.0	42.0	37	94	3950	
. 11	1, Clear, 1.27, None, N, N	W	10.5f	10ft.	33.3	26.9	6.4	37	94	1610	
12	1, Clear, 1.27, None, N, N	S	10.5f	10ft.	10.0	10.0	0.0	37	43	375	
13	1, Clear, 1.27, None,N,N	SW	15.5f	10ft.	21.0	21.0	0.0	37	75	787	
14	1, Clear, 1.27, None,N,N	W	20.5f	10ft.	14.0	14.0	0.0	37	94	524	
15	1, Clear, 1.27, None,N,N	S	25.5f	10ft.	40.0	40.0	0.0	37	43	1498	
16	1, Clear, 1.27, None, N,N	SE		10ft.	15.0	15.0	0.0	37	75		
17	1, Clear, 1.27, None,N,N	S	10.5f	10ft.	21.0	21.0	0.0	37	43	562	
18	1, Clear, 1.27, None,N,N	sw	10.5f	10ft.	15.0	15.0	0.0	37 37	_	787	
	Excursion	011	10.01	1016	15.0	15.0	0.0	3/	75	562	
	Window Total		200		400	(#\				3304	
Walls	Type		D \/-	J (1 1		(sqft)				30672	Btul
			K-VE		-Value				HTM	Load	
	Frame - Wood - Ext			19.0/0		176	3.7		1.5	2644	Btul
2	Frame - Wood - Adj			13.0/0	0.09	340	).0		1.5	513	Btul
3.15	Wali Total					210	4 (sqft)			3157	
Doors	Type	1 7:				Area		77. 19	HTM		Digi
	Insulated - Exterior		. 4						100	Load	
2	Insulated - Adjacent			S. 18		20			9.8	196	Btut
1 - 1	Door Total					20			9.8	196	Btuh
Calllaga						4	0 (sqft)			392	Btul
Cellings	Type/Color/Surface		R-Va	lue		Area(	sqft)		HTM	Load	
1 1 2 E	Vented Attic/DarkShingle			30.0		310	0.0		1.7	5134	Rhub
	Ceiling Total						0 (sqft)		3	5134	
Floors	Type	2 0	R-Va	هريا		Siz			нтм		Dlui
1	Slab On Grade		11.46							Load	
				0.0			5 (ft(p))		0.0	0	Btuh
	Floor Total			11		<u> 285.</u> 0	) (sqft)		25	0	<b>Btuh</b>
100			2000						E 2		
Way of the						Zo	ne Enve	lope Su	btotal:	39355	Btuh
filtration		36.15	A	CH	Ţ.	Volume	(cuft)		CFM=	Load	
Ç	SensibleNatural	rii.		0.70	- 10	232			270.8	5039	Btuh
Internal			Occup	ants	= 475	Btuh/oc	cupant	A	ppliance	Load	1
gain	. 17		1	8		X 230		•	2400	4240	Btul
uct load	Proposed leak free, R6.0	), Supr	oly(Att	c), Re	eturn(A	Attic)		DGM:			
Single your		1 775	<u> </u>		11 11			2 2111	0.00	0.0	Dia
4.77							Sensibl	a <b>Z</b> ana	l and	48634 E	

### **Manual J Summer Calculations**

Residential Load - Component Details (continued)

George & Vicki Cox

Lake City, FL 32025-

**Project Title:** Isaac Construction Inc. - Cox Res. Code Only **Professional Version** Climate: North

7/20/2006

		10 7 32 14	11, 1
	Sensible Envelope Load All Zones	48634	Btul
	Sensible Duct Load	0	Btur
	Total Sensible Zone Loads	48634	Btu
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	48634	Btul
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	9895	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600	Btuh
	Latent other gain	0	Btuh
	Latent total gain	11495	Btul
	TOTAL GAIN	60129	Rini

\*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



# **Residential Window Diversity**

### **MidSummer**

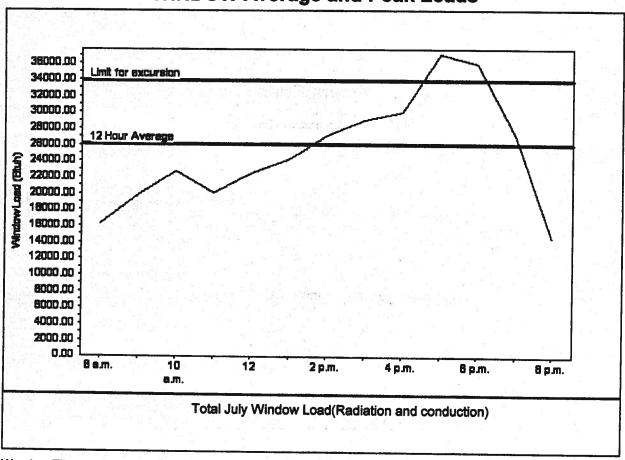
George & Vicki Cox Lake City, FL 32025Project Title: Isaac Construction Inc. - Cox Res.

Code Only Professional Version Climate: North

7/20/2006

	ida .		
Summer design temperature	92 F	Average window load for July	26014 Btu
Summer setpoint	75 F	Peak window load for July	37121 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	33818 Btu
Latitude	29 North	Window excursion (July)	3304 Btuh

### **WINDOW Average and Peak Loads**



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.



George Lox

#### COLUMBIA COUNTY BUILDING DEPARTMENT

# RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

### ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

- 1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
- 2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH
- 3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

### APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Applicant	Plans Examin	ENTS: Two (2) complete sets of plans containing the following:
B	0	All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
	0	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
<u>D</u>	0	Site Pian including:  a) Dimensions of lot  b) Dimensions of building set backs
		<ul> <li>c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.</li> <li>d) Provide a full legal description of property.</li> </ul>
<b>D</b> /	D	Wind-load Engineering Summary, calculations and any details required  a) Plans or specifications must state compliance with FBC Section 1606  b) The following information must be shown as per section 1606.1.7 FBC  a. Basic wind speed (MPH)  b. Wind importance factor (I) and building category  c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated  d. The applicable internal pressure coefficient  e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional
B	0	Elevations including:
	0	a) All sides
ET.	ם	b) Roof pitch
9	0	c) Overhang dimensions and detail with attic ventilation
	0	d) Location, size and height above roof of chimneys
म के के के के के	0,	e) Location and size of skylights
0/	0	f) Building height
B		e) Number of stories

/		Floor Plan including:
rl/	O	a) Rooms labeled and dimensioned
DI.	0	b) Shear walls
d d d	Ō	c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
6	0	d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
ם	0	e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
8	0	f) Must show and identify accessibility requirements (accesssable bathroom)  Foundation Plan including:
ø,	ם	a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
1,		b) All posts and/or column footing including size and reinforcing
	0	c) Any special support required by soil analysis such as piling
	0	d) Location of any vertical steel
	0	Roof System:
8		a) Truss package including:
		<ol> <li>Truss layout and truss details signed and sealed by Fl. Pro. Eng.</li> <li>Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)</li> </ol>
0		b) Conventional Framing Layout including:
		1. Rafter size, species and spacing
		2. Attachment to wall and uplift
		<ol> <li>Ridge beam sized and valley framing and support details</li> <li>Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)</li> </ol>
		Wall Sections including:
0	0	a) Masonry wall
		1. All materials making up wall
		2. Block size and mortar type with size and spacing of reinforcement
		<ol> <li>Lintel, tie-beam sizes and reinforcement</li> <li>Gable ends with rake beams showing reinforcement or gable truss</li> </ol>
		and wall bracing details
		5. All required connectors with uplift rating and required number and
		size of fasteners for continuous tie from roof to foundation
3 000		6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements
		and product evaluation with resistance rating)
		7. Fire resistant construction (if required)
		8. Fireproofing requirements
		9. Shoe type of termite treatment (termiticide or alternative method)
		10. Slab on grade
		a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
		<ul> <li>b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports</li> </ul>
		11. Indicate where pressure treated wood will be placed
		12. Provide insulation R value for the following:
		a. Attic space
		b. Exterior wall cavity
100		c. Crawl space (if applicable)

-		
/	0	b) Wood frame wall
U	u	1. All materials making up wall
		2. Size and species of studs
		3. Sheathing size, type and nailing schedule
		4. Headers sized
		<ol> <li>Gable end showing balloon framing detail or gable truss and wall hinge bracing detail</li> </ol>
		6. All required fasteners for continuous tie from roof to foundation
		(truss anchors, straps, anchor bolts and washers)
		7. Roof assembly shown here or on roof system detail (FBC104.2.1
		Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
		8. Fire resistant construction (if applicable)
		9. Fireproofing requirements
		10. Show type of termite treatment (termiticide or alternative method)
		11. Slab on grade
		a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
		b. Must show control joints, synthetic fiber reinforcement or
		welded wire fabric reinforcement and supports
		12. Indicate where pressure treated wood will be placed
		13. Provide insulation R value for the following:
		a. Attic space
		b. Exterior wall cavity
		c. Crawl space (if applicable)
D	D	c) Metal frame wall and roof (designed, signed and scaled by Florida Prof.
		Engineer or Architect)
		Floor Framing System:
Q Q	0	a) Floor truss package including layout and details, signed and sealed by Florida
		Registered Professional Engineer
<b>12</b> /	0	b) Floor joist size and spacing
ď,	0	c) Girder size and spacing
ti/		d) Attachment of joist to girder
Ď		e) Wind load requirements where applicable  Plumbing Fixture layout
		Electrical layout including:
<b>d</b> /	0	a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
0/	0	b) Ceiling fans
Ø)	<b>D</b>	c) Smoke detectors
D D D D D		d) Service panel and sub-panel size and location(s)
也/		e) Meter location with type of service entrance (overhead or underground)
12	0	f) Appliances and HVAC equipment
		HVAC information
13/		a) Manual J sizing equipment or equivalent computation
8		b) Exhaust fans in bathroom
Ø	0	Energy Calculations (dimensions shall match plans)
0	0	Gas System Type (LP or Natural) Location and BTU demand of equipment Disclosure Statement for Owner Builders
		Notice Of Commencement
		Private Potable Water
		a) Size of pump motor
	artist said to a sec	b) Size of pressure tank
		c) Cycle stop valve if used
		그렇게 그래 적으로 즐겁고 그들이 그 그들을 링크림을 모르겠다.

#### **New Construction Subterranean Termite Soil Treatment Record**

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

24884 All contracts for services are between the Pest Control Operator and builder, unless stated otherwise. Section 1: General Information (Treating Company Information) Company Name: Aspan Past Control, Inc. Company Address: 221 N.W. Cols Terraco. Sulto 107 City Labo City State FL Zip 32055 Company Business License No. 48108078 Company Phone No. 388-755-3811 • 352-484-57 FHA/VA Case No. (if any) \_\_\_\_\_ Section 2: Builder Information Company Name: \_\_\_\_\_\_\_ Company Phone No. \_\_\_\_\_\_ Section 3: Property Information ☐ Crawl Other Type of Fill \_\_\_\_\_ Approximate Depth of Footing: Outside \_\_\_\_\_ Inside \_\_\_\_\_ Section 4: Treatment Information Date(s) of Treatment(s) \_\_\_\_ Brand Name of Product(s) Used Bura - Toro EPA Registration No. \_\_\_\_\_ Approximate Final Mix Solution % \_\_\_\_\_\_ 2 3 Approximate Size of Treatment Area: Sq. ft. \_\_\_\_\_\_\_\_\_\_ Linear ft. \_\_\_\_\_\_ Linear ft. of Masonry Voids \_\_\_\_\_\_ Approximate Total Gallons of Solution Applied \_\_\_\_\_ □ No ☑ Yes □ No Service Agreement Available? Note: Some state laws require service agreements to be issued. This form does not preempt state law. Name of Applicator(s) 5/200 Branne Certification No. (if required by State law) The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

Authorized Signature

2)

24884

Trad

Prepared by or under the supervision of;

Diane Jackson [Name of Natural Person] GTE Pederal Credit Union 711 East Henderson Ave. [Street Address] Tampa, FL 33602

[City, State Zip Gode]

After recording please return to:

GTE Federal Credit Union (Company Name)

[Name of Natural Person]

711 E. Henderson Avenue [Street Address]

Tampa, FL 33602 [City, State Zip Code]

	[Spec	ce Above This Line For Recording Data]
ermit No	<u> </u>	Tax Folio No.
		V No. 1 0046

.....

### NOTICE OF COMMENCEMENT (Florida)

THE STATE OF FLORIDA

COUNTY OF Columbia

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property and, in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Communications.

 Description of property: Lot 36, RIVER RISE RESIDENTIAL SUBDIVISION, UNIT 2, a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 54 - 55 of the Public Records of Columbia

Notice of Commencement (Storida)
—THE COMPLIANCE SOURCE, INC...

Page 1 of 3

97005FL 1841 (Rev. 45/45 61, The Counterty Service, 14

Inst:2005021670 Bate:09/12/2806 Time:09:31 \_\_\_\_\_\_\_DC,P.Bemitt Ceson,Columbia County B:1095 P:1758

#### County, Florida.

Street address of property: XXXX SW MARYNIK DRIVE					
General description of improvement(s): 3 Badroom/2Bath/2-Car Garage Single Family Residence					
Owner(s) name: George L Cex and Vickia B Cox					
Owner(s) address: 6294 NW 71 TERRACE, PARKLAND, FL 33067  Owner(s) telephone: 9547536167  Owner(s) interest in the property:					
Contractor's name: Isaac Construction, LLC 125 SW Midtown Place, Lake City, FL 32025 Contractor's address: Contractor's telephone: (386) 719-7143					
Surety's name:					
Surety's address:					
Amount of bond: \$ (copy attached) Surety's telephone: Fax number: ("optional, if service by fax is accoptable")					
Lender's name: GTE Federal Credit Union					
Londor's address: 711 E. Honderson Avenue, Tempa, FL 33602					
Lender's telephone: 8138712690 Fax number: 8134148555 ("optional, if service by fax is acceptable")					
of Commencement (Florida) Chairelanck Sounce, Inc.— Page 2 of 3 graph, 1041 (not. 6362) www.complinessounce.com 602001, The Compliant Sounce, In					
Inst:2005021870 Data:08/12/2006 Time:08:31 DC.P. Dewitt Cason, Columbia County B:1895 P:1759					

0278727388 72:80 8002/81/60

	Telephone muniber:	Pax number: ("optional, if service t	ry fax is accuptable")
	In addition to himself or herself, Owner desig Avenue, Tampa, FL 33602 to receive a copy Florida Statutes.	nates GTE Federal Cred of the Lender's Notice as p	it Union of 711 E. Henderson provided in Section 713.13(1)(b)
	Telephone number: 8138712690	Fax number: 8134148 ("optional, if service b	
).	Expiration date of Notice of Commencement (the different date is specified):	expiration date is I year fi	rom the date of recording unless
•	Banky	Victie B.	Co/.
Cop	n L Coff (Owner)(Dane)	Vicide B Cox	(Owner)(Date)
	(Owner)(Date)		(Owner)(Date
		ĸ	
		ine For Acknowledgmenti —	ontonhon 2006
WO)	RN TO AND SUBSCRIBED BEFORE ME this	Sth day of S	eptember, 2006
		Notary Public.  My commission expli	
	š	му сонываюм сары	CRYSTAL L. BRUND AT CUADASSION & DUTE OF COMPANY LIMITED AND LOCAL COMPANY LIMITED AND LIM
			· · · · · · · · · · · · · · · · · · ·
	of Commencement (Flavish) COMPLIANCE SOURCE, INC.—  www.complementures.com	inge 3 of 3	STREET, 1942 (Days, 25%), 25%

72:80 002/81/60 3867528220

#### Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844 Florida Engineering Certificate of Authorization Number: 567 Florida Certificate of Product Approval # FL1999 Page 1 of 1 Document ID:1SZF487-Z0102101258

Truss Fabricator: Anderson Truss Company

Job Identification: 6-281--Isaac Construction Cox --, \*\*

Truss Count: 79

Model Code: Florida Building Code 2004 Truss Criteria: ANSI/TPI-2002 (STD) /FBC

Engineering Software: Alpine Software, Versions 7.25, 7.24.

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 - 32.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

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

Ref

Details: BRCLBSUB-A11030EE-GBLLETIN-A11015EE-CNBRGBLK-PIGBACKA-PIGBACKB-

Drawing#

Description

#	Ref Description	Drawing#	Date
1	40842 A1	06214024	08/02/06
2	40843 A2	06214001	08/02/06
3	40844 A3	06214002	08/02/06
4	408 <b>4</b> 5 A4	06214025	08/02/06
5	40846 A5	06214026	08/02/06
6	40847 A6	06214027	08/02/06
7	40848 A7	06214028	08/02/06
8	40849 A8	06214029	08/02/06
9	40850 A9	06214030	08/02/06
10	40851A10	06214031	08/02/06
11	40852A11	06214032	08/02/06
12	40853A12	06214033	08/02/06
13	40854 A13	06214034	08/02/06
14	40855 A14	06214035	08/02/06
15	40856A15	06214036	08/02/06
16	40857 A16	06214037	08/02/06
17	40858A17	06214038	08/02/06
18	40859A18	06214039	08/02/06
19	40860A19	06214040	08/02/06
20	40861A20	06214041	08/02/06
21	40862 B1 - GE	06214078	08/02/06
22	40863 B2	06214003	08/02/06
23	40864 B3	06214004	08/02/06
24	40865C1-GE	06214042	08/02/06
25	40866 C2	06214043	08/02/06
26	40867 C3	06214044	08/02/06
27	40868D1G	06214045	08/02/06
28	40869D2	06214046	08/02/06
29	4087003	06214047	08/02/06
30	40871 D4	06214048	08/02/06
31	40872 D5G	06214049	08/02/06
32	40873FG	06214050	08/02/06
33	40874EJ7	06214005	08/02/06
34	40875 HJA	06214051	08/02/06
35	40876J1A	06214052	08/02/06
36	40877 J2A	06214006	08/02/06
37	40878J3A	06214007	08/02/06
38	40879J4A	06214053	08/02/06

39	40880 J5A	06214008	08/02/06
40	40881J6A	06214009	08/02/06
41	40882J7A	06214010	08/02/06
42	40883J8A	06214011	08/02/06
43	40884 HJK	06214054	08/02/06
44	40885EJK	06214012	08/02/06
45	40886 J5K	06214013	08/02/06
46	40887 J3K	06214014	08/02/06
47	40888J1K	06214055	08/02/06
48	40889K1	06214056	08/02/06
49	40890K2	06214015	08/02/06
50	40891K3	06214016	08/02/06
51	40892 K4	06214017	08/02/06
52	40893K5	06214018	08/02/06
53	40894 K6G	06214057	08/02/06
54	40895 AP1 - GE	06214058	08/02/06
55	40896 AP2	06214059	08/02/06
56	40897 AP3	06214060	08/02/06
57	40898 AP4	06214061	08/02/06
58	40899 AP5	06214062	08/02/06
59	40900 AP6	06214063	08/02/06
60	40901 AP7	06214079	08/02/06
61	40902 AP8 - GE	06214064	08/02/06
62	40903CP1	06214065	08/02/06
63	40904 XP1	06214066	08/02/06
64	40905 R1	06214067	08/02/06
65	40906 R2G	06214068	08/02/06
66	40907 R3	06214019	08/02/06
67	40908 R4	06214069	08/02/06
68	40909 R5	06214070	08/02/06
69	40910R6G	06214071	08/02/06
70	40911S1-GE	06214072	08/02/06
71	40912X1	06214020	08/02/06
72	40913X2	06214021	08/02/06
73	40914X3	06214073	08/02/06
74	40915X4	06214022	08/02/06
75	40916X5	06214023	08/02/06
76	40917X6G	06214074	08/02/06

#	Ref	Description	Drawing#	Date
77	40918-	-Z1G	06214075	08/02/06
78	40919-	-Z2	06214076	08/02/06
79	40920-	-23	06214077	08/02/06

Seal Date: 08/02/2006

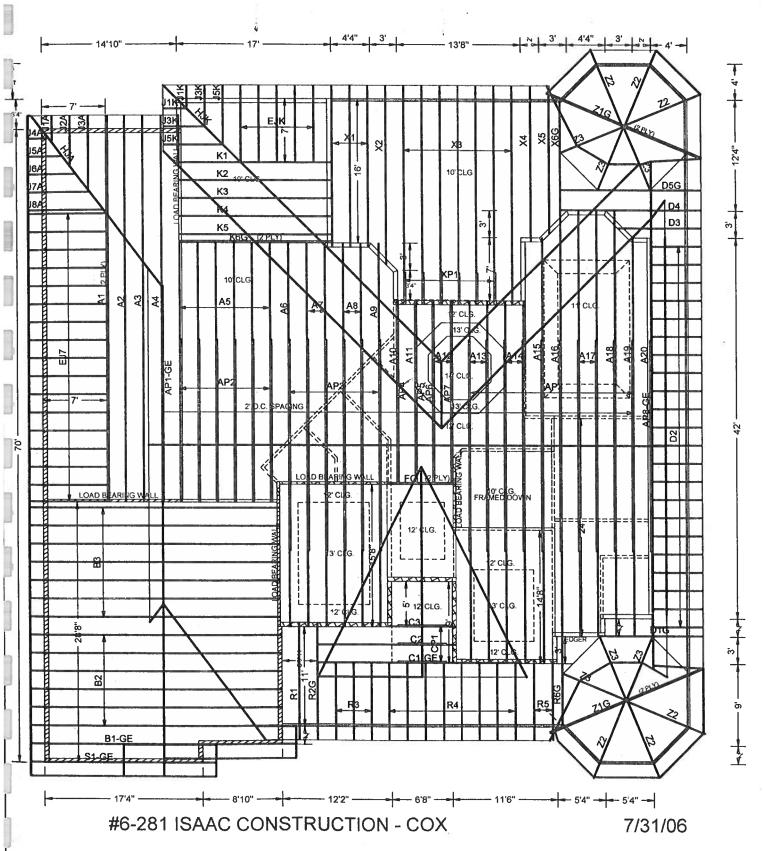
-Truss Design Engineer-Arthur R. Fisher

Florida License Number: 59687

1950 Marley Drive

Haines City, FL 33844





Scale: 3/32" = 1'

Bot chord 2x6 SP # Webs 2x4 SP # BC BC TC SPECIAL LOADS FFFFF From m -- (LUMBER DUR.FAC.=1.25 / PLATE From 62 PLF at -1.50 to From 185 PLF at 9.38 to 1 From 20 PLF at -1.50 to From 20 PLF at 0.00 to From 44 PLF at 9.38 to 82 LB Conc. Load at 9.38 804 LB Conc. Load at 9.38 #1 Dense :T1 2x4 SP #2 Dense: #1 Dense #3 :W13 2x4 SP #2 Dense: PLATE TE DUR.FAC. 1.25)
62 PLF at 9.38
185 PLF at 41.33
4 PLF at 0.00
20 PLF at 9.38
44 PLF at 41.33

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

COMPLETE TRUSSES REQUIRED

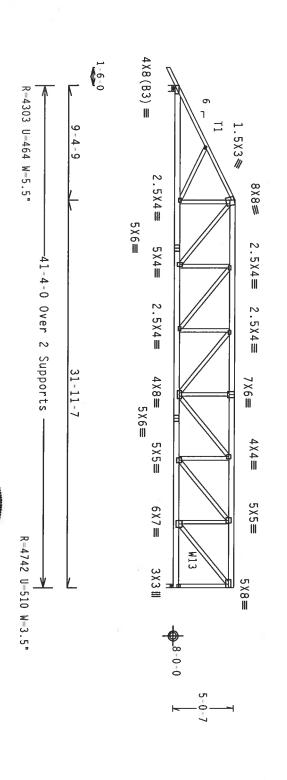
Nailing Schedule:
Top Chord: 1 Row @
Bot Chord: 1 Row @
Webs: 1 Row @ (12d\_Common\_(0.148"x3.25",\_min.)\_nails)
@12.00" o.c.
@12.00" o.c.
@12.00" o.c.
@ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

Right end vertical not exposed to wind pressure

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



RIGIO CEILING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FALLURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE IRUSS IN COMPONENCE HITH PEI:

OF FABRICATING, MANDLICABLE PROVISIONS OF FADSTCATING, MANDLING, SHIPPING, INSTALLING & BRACING OF FRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF FNOS (MATIONAL DESIGN SPEC, BY ARERA) AND TPI.

CONNECTOR PALIES ARE MADE OF ZO/JOJACOM, CHAPTAY, ASTH MASS GRADE 40/50 (K.YH.5) GALV, STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS OFSIGN, POSITION PER DAMBINGS 180A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNY KAY AD OF FPI1-ZOAD SEC 3.

ASSAL ON THIS OFFICE AND THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ANY BUILDING IS THE RESPONSIBILITY OF

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844

ALPINE

6.59687 ATE OF SDACING

FL/-/4/-/-/R/-	1-/R/-	Scale =.125"/Ft.
דכ רר	20.0 PSF	REF R487 40842
TC DL	10.0 PSF	DATE 08/02/06
BC DL	10.0 PSF	DRW HCUSR487 06214024
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 53786 REV
DUR.FAC.	1.25	

24.0"

JRFF.

1SZF187 Z01

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

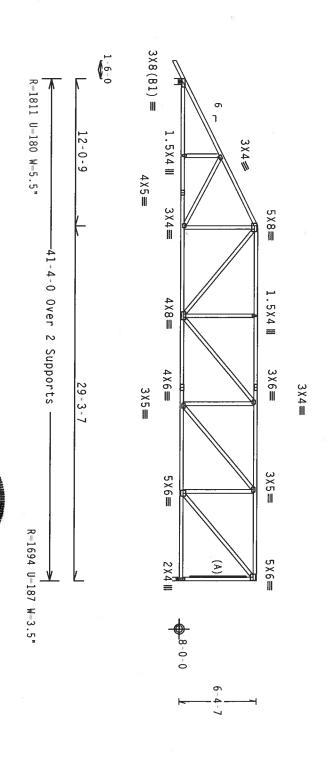
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

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

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins to brace TC @  $24\,^{\circ}$  OC, BC @  $24\,^{\circ}$  OC.



PLT TYP.

Wave

Alpine Engineered Products, Inc.

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE!

OF FABRICATING, HANDLING, SHEPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS, WITH APPLICABLE PROVISIONS OF NDS (HATIONAL DESIGN SPEC, BY AFEPA) AND IPI.

ALPINE COMMECTOR PLATES ARE HADE OF 20/18/19/66, WH. 15//F) ASTH ASSI GAADE 40//50 (K./H.S) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. MURESS OTHERNISE (DCAIDE ON THIS DESIGN, POSITION PER DRAWINGS 160A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (!) SHALL BE PER ANNEY A3 OF TPIL-2002 SEC.3.

A SEAL ON THIS

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, RETER TO SESTI 1-05 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 583 0'ONDFRIO BR. SUITE 200, MADISON, HI 53719) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 500 CHIERERS LH, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

Design Crit:

TPI-2002(STD)/FBC Cg/RT=1.00(1.25)/10(0)

CENS.

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

20.0

PSF

REF

R487-- 40843

Scale

=.125"/Ft.

DATE

08/02/06

ANY INSPECTION OF PLATES FOLLONED BY (1) SHALL BE PER AMMEX A3 OF TPI1-20 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABLEITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

22 SEC. 3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

SDACING

24.0"

JRFF

1SZF187 Z01

TOT.LD. DUR.FAC.

1.25

40.0

PSF

SEQN-

TC DL BC CL

0.0 PSF

HC-ENG

JB/AF 11609 10.0 PSF 10.0 PSF

DRW. HCUSR487 06214001

Haines City, FL 33844 cate of / on # 567

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

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

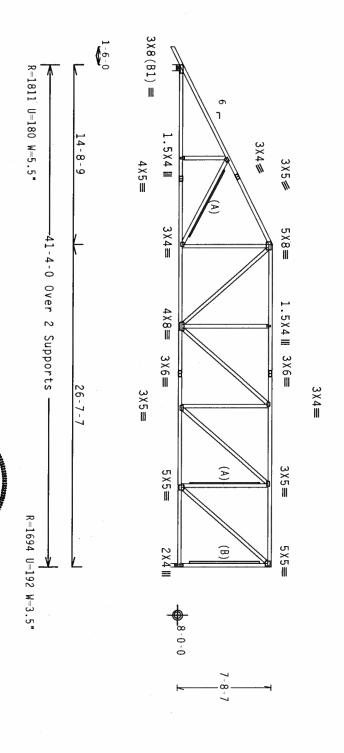
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

Right end vertical not exposed to wind pressure.

(B) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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



PLT TYP.

Wave

Alpine Engineered Products, Inc.

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE IRUSS IN COMPORANCE WITH PET:

OF SIGN THE PET:

OF SIGN THE PET:

OF SIGN THE APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY ATBA) AND TPI.

CONNECTOR PLAIES ARE MADE OF 20/18] JOHAN (M. H./S.Y.) ASTM AGS GRANDE 40/50 (M. K./H.S.) GALV. STEEL.

APPLY
PLAIES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A 2.

ANY INSPECTION OF PLAIES FOLLOWED BY (1) SHALL BE PER ANKEX A 30 FIPTI-2002 SEC.3.

ASSAUL ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

HE SUITABLILLY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDLING. SHIPPING. HISTALLING AND BRACING.
\*\*PARRICULAR TO RESIDENCE AND THE CRUSS PLATE INSTITUTE, 593
D'ONOFRIO DR., SUITE ZOO, MADISON, HI 53719) AND WICA (MODD TRUSS COUNCIL OF AMERICA, SOOG ENTERPRISE LH.
\*\*MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARILS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

Design Crit:

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

SENSE Z O

TC LL

20.0

PSF

R487-- 40844

10.0 PSF 10.0 PSF 0.0 PSF PSF

> DATE REF

08/02/06

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

Scale

=.125"/Ft.

TE OF

BC LL BC DL TC DL

TOT.LD.

40.0

SEQN-

HC-ENG

JB/AF 11610

DRW HCUSR487 06214002

SDACING

24.0" 1.25

JRFF.

1SZF 187 Z01

DUR.FAC.

Haines City, FL 33844 Teate of A on # 567

Bot SPECIAL LOADS 6 t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP (LUMBER p #2 Dense :T3, p #2 Dense p #3 T4 2x6 SP #1 Dense:

BC BC TC From From From From From ER DUR.FAC.—
62 PLF at
129 PLF at
129 PLF at
129 PLF at
20 PLF at
20 PLF at 17.38 33.33 tt tt tt 0 TE DUR.FAC.=1.25)
62 PLF at 17.38
129 PLF at 33.33
129 PLF at 41.33

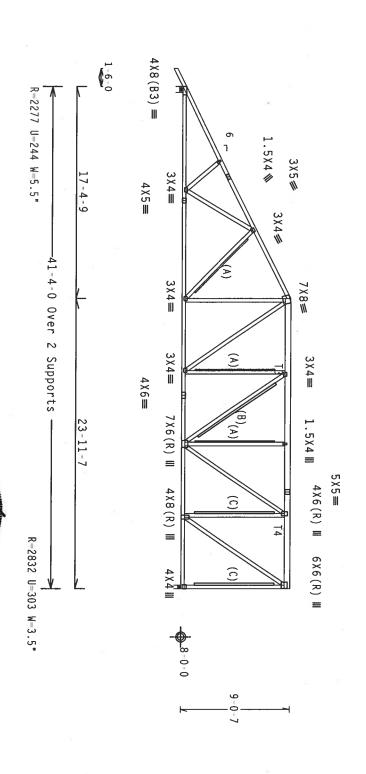
In lieu of brace TC @ structural panels 24" OC, BC @ 24" ( s or rigid ceiling use purlins to

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

Right end vertical not exposed to wind pressure

- (A) 1x4 SP #3 or better "T" brace. 80% length of web member Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.
- (B) 2x4 SP #3 or better "T" brace. 80% length of web member Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.
- (C) 2x6 SP #3 or better "T" brace. 80% length of web member Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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



\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO BR. SE SUITE ZOO, HADISON, MI 53719) AND MICA (MODO DERUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIM, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORNING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM HIS DESIGN.

FROM HIS DESIGN CONFORMANCE WITH HE!

DESIGN CONFORMANCE HITH HE!

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEC. B. ARENA) AND IT!

CONNECTOR PLATES ARE ANGE OF 207/18/166A (M.H/S/K) ASIM A653 GRADE 40/50 (M. K/H.S) GALV. STEEL, APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCALED ON THIS DESIGN, POSITION PER DRAWHOS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPIL-2002 SEC. 3.

AS SEAL ON THIS

DRAWING INDICATES ACCEPTAINEE OF FORESSIONAL REGISHERING RESPONSIBILITY OF THE

DRAWING HOUGHAGE ACCEPTAINEE OF THE SESSIONAL REGISHERING RESPONSIBILITY OF THE

DRAWING HOUGHAGE ACCEPTAINEE OF THIS DESIGN FOR THIS DESIGN ANY BUILDING IS THE RESPONSIBILITY OF THE ANY INSPECTION OF PLATES FOLLOWED BY (1)
DRAWING INDICATES ACCEPTANCE OF PROFESSION SHOWN. THE SUITABLITY AND USE
BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

ALPINE



S SNISVOS	DUR.FAC. 1	TOT.LD. 4	BC LL	BC DL 1	TC DL 1	TC LL 2
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZF187 ZO1		SEQN- 11619	HC-ENG JB/AF	DRW HCUSR487 06214025	DATE 08/02/06	REF R487 40845

Scale

=.125"/Ft.

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

End verticals not exposed to wind pressure

(A) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

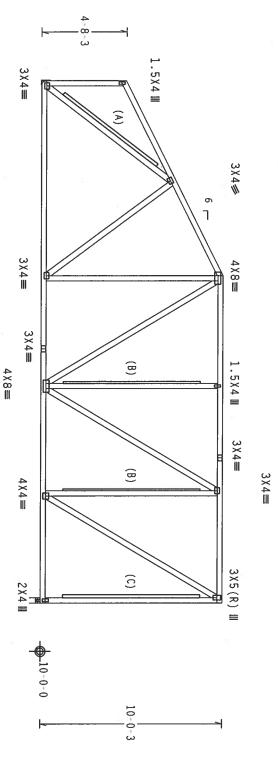
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

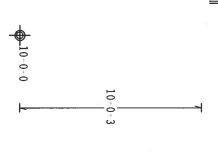
110 mph wind, 17.35 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

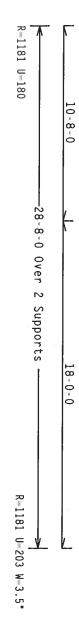
(B) 1x4 SP #3 or better "T" brace. 80% length of web member Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

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







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

PLT TYP.

Wave

RIGID CEILING.

\*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE ROUSES IN COMPONANCE WITH HPI:

OF ABBICATION, HANDLING, SHAPPING, LISTALLING A BRACING OF RUSSES, DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF AND SHATIONAL DESIGN SPEC, BY AREAN, AND TPI.

CONNECTOR PARTES ARE MADE OF 20/18/160A (M H/S/Y) ASTH AGS GRADE 40/60 (H K/H, S) GALL. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. BUILESS OTHERWISE LUCATED ON THIS DESIGN. POSITION PR DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC. 3.

A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF APPROFESSIONAL TRIGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 icate of / on # 567



DUR.FAC. 1.25	TOT.LD. 40.0 PSF	BC LL 0.0 PSF	BC DL 10.0 PSF	TC DL 10.0 PSF	TC LL 20.0 PSF	FL/-/4/-/-/R/-
	_	PSF	PSF			
	SEQN- 11702	HC-ENG JB/AF	DRW HCUSR487 06214026	DATE 08/02/06	REF R487 40846	Scale = .18/5"/Ft.

24.0"

JREE -

1SZF187 Z01

Bot chord 2x4 SP ; t chord 2x4 SP ; Webs 2x4 SP ; #2 Dense #2 Dense #3

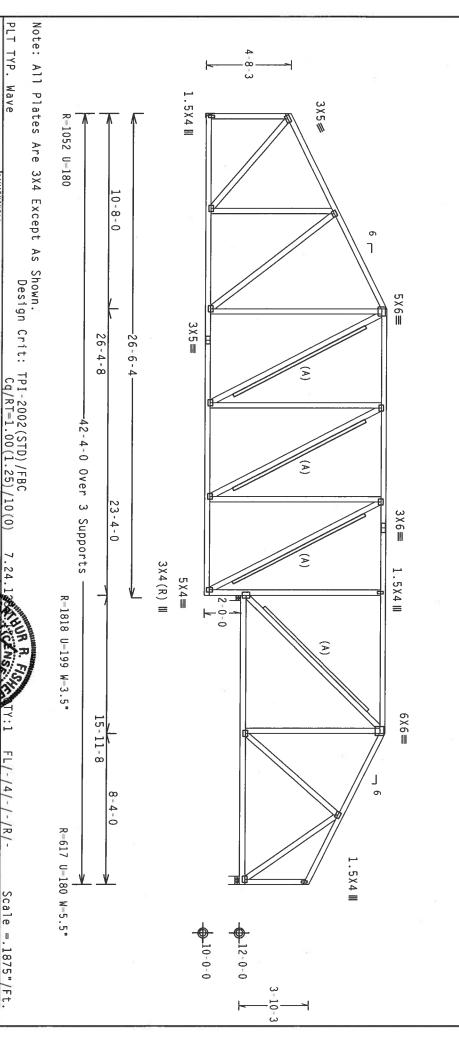
End verticals not exposed to wind pressure

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

110 mph wind, 17.35 ft mean hgt, located within 6.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

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

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



PLT TYP.

Wave

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 icate of / >n#567

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1)
DRAWING INDICATES ACCEPTANCE OF PROFESSI ALPINE

\*\*IMPORTANT\*\*\*UNRMISH A COPY OF THIS DESIGN TO THE INSTALLATION COMTRACTOR. ANY FALURE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALURE TO BUILD THE TRUSS IN COMPENANCE WITH THE THE FOR FARRICATING, HANDLING, SHPPING, INSTALLING & BRACING OF TRUSSES. DESIGN COMPENS WITH APPLICABLE PROVISIONS OF NOS (MAITOMAL DESIGN FREC, BY AFRA) AND THI. APPLICABLE PROVISIONS OF NOS (MAITOMAL DESIGN FREC, BY AFRA) AND THI. APPLY COMPECTION PLATES ARE MADE OF ZO/IBJIGAG (M. H./S/J), ASTH A653 GRADE 00/50 (M. M.H.S) GAV. MPLY SHEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

BC LL BC DL TC DL

0.0 PSF

HC-ENG

JB/AF 11681

PSF

SEQN-

10.0 PSF 10.0 PSF

DRW HCUSR487 06214027

TC LL

20.0

PSF

REF

R487---

Scale

=.1875"/Ft.

DATE

08/02/06 40847 FL/-/4/-/-/R/-

SDACING

24.0"

JRFF- 1SZF187 ZOI

DUR.FAC. TOT.LD.

1.25 40.0

UNILESS OTHERHISE LOCATED ON THIS DESIGN. POSITION PER DRAWLINGS 166A-Z. BY (1) SMALL BE PER ANNEX AS OF TPI1-2002 SEC.3. PER SEAL ON THIS PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

ANY BUILDING

IS THE RESPONSIBILITY OF THE

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BEST 1-03 (BOILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 583
0'ONDFRIO DR., SUITE ZOO, MALISON, HI 53719) AND WICA (WOOD TRUSS COUNCELO FAMERICA, 5300 ENTERPRISE LH.
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

/10(0)

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 6 281 Isaac Construction Cox \* A7) 110 mph wind, 17.35 ft mean hgt, located within 6.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. IHIS UWG PREPAREU FROM COMPUIER INPUT (LUADS & DIMENSIONS) SUBMITTED BY TRUSS MFR. ASCE 7-02, CLC edge, CAT II, CLOSED bldg, not I, EXP B, wind TC

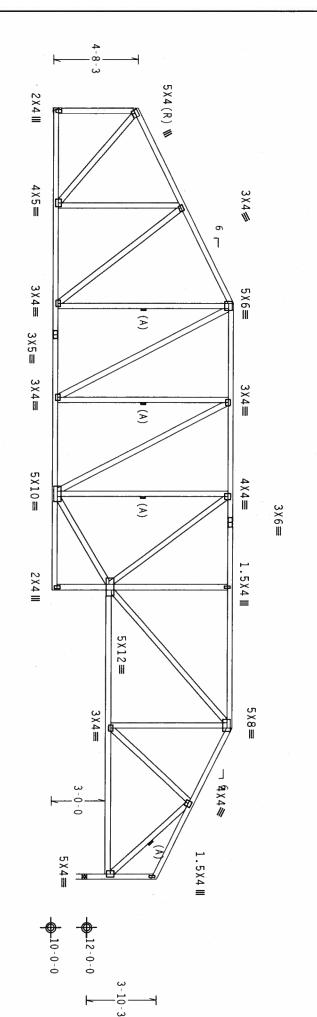
End verticals not exposed to wind pressure

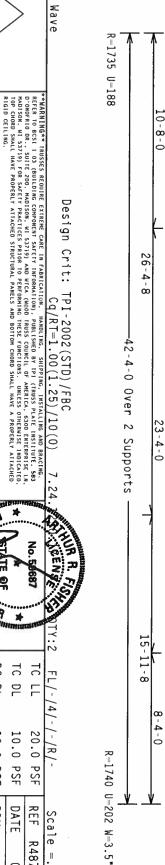
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

(A) Continuous lateral bracing equally spaced on member

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

LEG DOWN DESIGNED FOR VERTICAL LOADS ONLY





PLT TYP.

\*\*IMPODITANT\*\*\*PURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

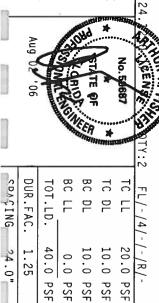
AND TAILURE TO BUILD THE PRODUCTS. INC. SMALL NOT BE RESPONSIBLE FOR ANY DETILION FROM THIS DESIGN: ANY TAILURE TO BUILD THE TRUSS IN COMPONENCE WITH THE:

OF THE TRUSS IN COMPONENCE WITH APPLICABLE PROVISIONS OF HIS SCALING. HANDLING. SHIPPING. INSTALLING & BRACING OF TRUSSES, DESIGN COMPONENS WITH APPLICABLE PROVISIONS OF HIS SCALING APPLICABLE OF THE PROPERTY OF THE PROVISION FOR HIS DESIGN SPEC. BY ATAPA) AND THE COMMICTION PLACES ARE ANDEO OF ZO/18/166A (M. H./S/A) ASTH ASSO BRACIE 40/50 (M. K./H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. BHIRESSO DIMERNISE LOCATED ON THIS DESIGN. POSITION PER BRAHINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMMER AS OF FPII-ZOOZ SEC.3. ASSLA ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGLIEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 Icate of / on # 567



PSF

SEQN-

120316

HC-ENG

JB/AF

DRW HCUSR487 06214028

08/02/06

R487--

40848

=.1875"/Ft.

JRFF

1SZF187 Z01

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

End verticals not exposed to wind pressure

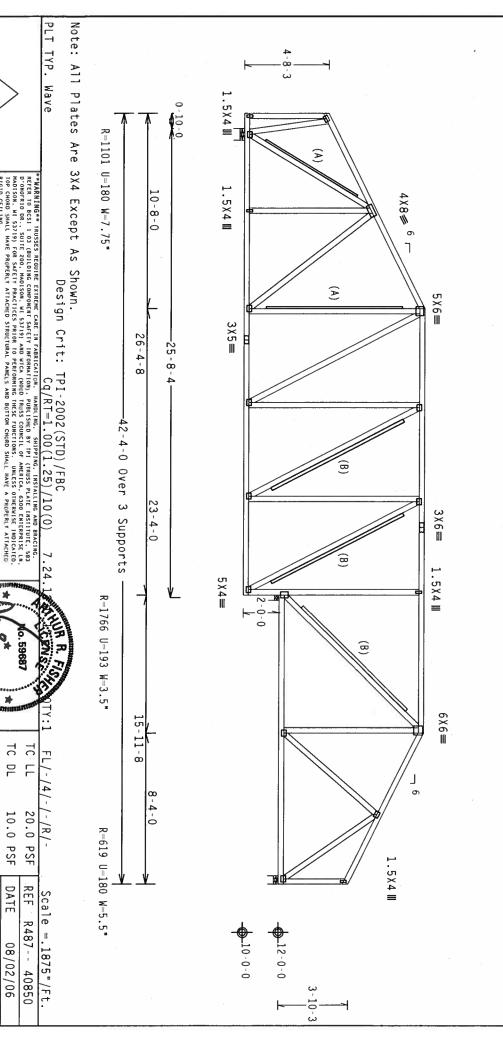
(B) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

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

110 mph wind, 17.35 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Attach with (A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24  $^{\circ}$  OC, BC @ 24  $^{\circ}$  OC.



Alpine Engineered Products, Inc.

ALPINE

RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERD PRODUCTS, INC., SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALURRE TO BUILD THE TRUSS IN CONFERNACE WITH PPI;

OR FABRICATING, HANDLING, SHIPPING, INSTALLING BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AREA) AND TPI.

APPLY PLATES ARE HADE OF 20/18/16GA (M.H/S/K) ASTM A653 GRADE 04/60 (M.K/H.S) GALV, STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UMESS ORDERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX A3 OF TPI1-2002 SEC.3.

A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND THE CHITATALTHY AND THE CHITATALT FOR MED WAS ARRESTED AND EST OF THE TRUSS COMPONENT AND THE CHITATALTHY FAR THE TRUSS COMPONENT FOR MAY BRITISHING IS HE RESPONSIBILITY OF THE

Haines City, FL 33844 icate of / on # 567

DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

IS THE RESPONSIBILITY OF THE

Aug

02

90,

SDACING

24.0"

JRFF- 1SZFAR7 Z01

DUR.FAC. TOT.LD. BC LL BC DL TC DL

10.0 PSF 0.0 PSF

DRW HCUSR487 06214030

40.0 1.25

PSF

SEQN-

11632

HC-ENG

JB/AF

0.59687

TC LL

20.0 10.0 PSF

PSF

REF

R487--

DATE

08/02/06 40850

Top Bot chord 2x4 chord 2x4 Webs 2x4 4 SP #2 Dense 4 SP #2 Dense 4 SP #3

End verticals not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24  $^{\circ}$  OC, BC @ 24  $^{\circ}$  OC.

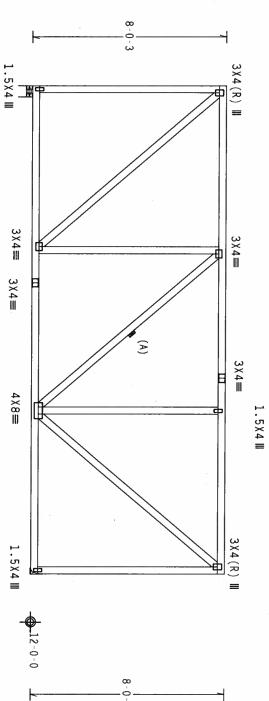
Provide for complete drainage of roof.

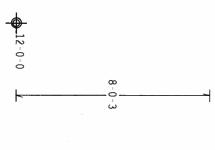
110 mph wind, 20.02 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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

Truss must be installed as shown with top chord up.







Design Crit: TPI-2002(STD)/FBC Cq/RT=1.

TYP.

Wave

 $\begin{array}{c} Cq/RT=1.00\left(1.25\right)/10\left(0\right) \\ 7. \end{array}$  \*\*\*HARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BCS1 1 03 (BUILDING COMPONENT SAFETY INFORMATION). HANDLING IN (FIRESS THAT INSTALLING EXECUTED BY THE INSTITUTE. SO D'ONOFFIN DR. SUITE 200. HADISON. HI \$3719) AND HICA (MOND TRUSS COUNCIL OF ARBEILGA. 6300 EMERAPRISE UNICLIONS. UNICSS OTREMAISE INDICATORS HADISON, HI \$3719) FOR SAFETY PRACTICES PRIOR TO PREFORMING HESS FUNCTIONS. UNICSS OTREMAISE INDICATORS HADISON, HI \$3719) FOR SAFETY PRACTICES PRIOR TO PREFORMING HESS FUNCTIONS. UNICSS OTREMAISE INDICATORS HADISON, HI \$3719) FOR SAFETY PRACTICES PRIOR TO PRAGE COUNCIL OF ARBOTRAL HAVE A REOPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOMO SMALL HAVE A REOPERLY ATTACHED. RIGIO CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGLISHERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BULLO THE TRUSS IN CONFORMANCE AITH PIE).

OF FARBICATHOR, HANDLING, SHAPPING, HEYDLING, SHAPPING, HEYALLING & BRACIEW OF FRUSSES, DESIGN CONFORMS, WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ARERA) AND TPI.

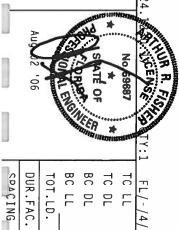
CONNECTOR PLATES ARE HADE OF 20/18/1666 (H.H./N.) ASIM AGS3 GRADE 40/50 (H.K./M.) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNICESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 1604. Z. PLATES TO EACH FACE OF TRUSS AND, UNICESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 1604. Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF FPI1-2002 SEC. 3.

A SEAL ON THIS BUILDING DESIGNER PER ANSI/ DRAWING INDICATES DE SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT IN THE TRUST OF THE

Alpine Engineered Products, Inc 1950 Marley Drive

ALPINE

Haines City, FL 33844 Ticate of on # 567



						<u> ``</u>
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SEQN- 11684	HC-ENG JB/AF	DRW HCUSR487 06214031	DATE 08/02/06	REF R487 40851	Scale =.25"/Ft.

24.0"

JRFF- 1SZF187 Z01

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

End verticals not exposed to wind pressure

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

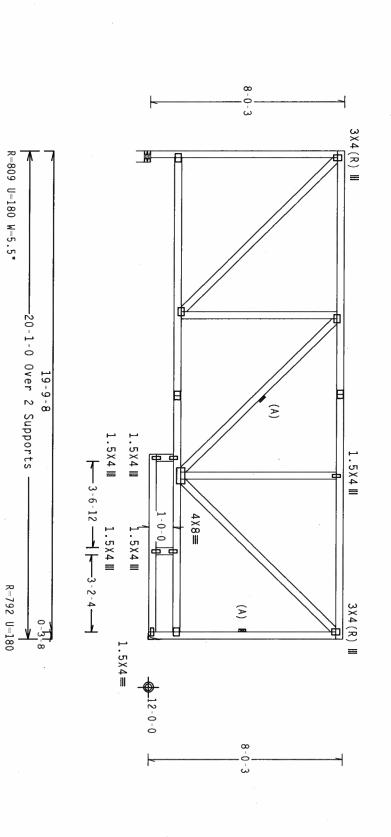
SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C. AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 20.02 ft mean hgt located within 4.50 ft from roo DL=5.0 psf, wind BC DL=5.0 psf. ft mean hgt, ASCE 7-02, CLOSED bldg, not ft from roof edge, CAT II, EXP B, wind TC

(A) Continuous lateral bracing equally spaced on member

Provide for complete drainage of roof.

Truss must be installed as shown with top chord up.



Note: All Plates Are 3X4 Except As Shown.

TYP.

Wave

Design Crit: TPI-2002 (STD) /FBC

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BESI 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583 D'ONDFEILO BR. SUITE ZOO, HADISON, MI 53719) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIM, MADISON, MI 53719 AND NICA (MODD TRUSS COUNCILONS, UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGIO CEILING. Cq/RT=1.00(1.25)/10(0)

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FALLURE TO BUILD THE FROMETS, IN COMPORMANCE MITH PIP:

OF SHARL AND THE SHARL AND THE PIP:

OF SHARL COMPORES WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFREA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/12/1606, (M H/S/Y), ASTM AGSS GAADE 40/60 (M K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL REGISTRETING RESPONSIBILITY SOLELY FOR THE TRUSS COMPOORENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

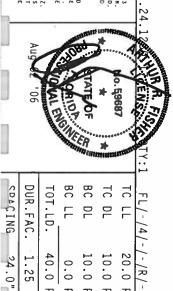
THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPOSESSION SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL

33844 on # 567



DUR.FAC. 1.25	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SF SEQN- 11690	SF HC-ENG JB/AF	SF DRW HCUSR487 06214032	SF DATE 08/02/06	SF REF R487 40852	Scale = 25"/Ft.

24.0"

JRFF

1SZF187 Z01

Bot p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

End verticals not exposed to wind pressure

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

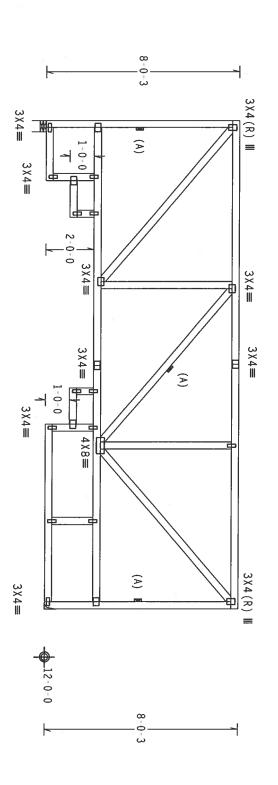
SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C. AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 20.02 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

(A) Continuous lateral bracing equally spaced on member

Provide for complete drainage of roof

Truss must be installed as shown with top chord þ



3[82-2-0 R-797 U-180 W-5.5" 1-6-0 6 - 1 - 020-1-0 Over 2 Supports 0111-12-6-0 R-797 U-180 0-318

Note: All Plates Are 1.5X4 Except As Shown.

TYP.

Wave

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

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
RETER TO SECSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPY (TRUSS PLATE INSTITUTE, 583
D'OHOFRIO BR. SUITE ZOO, HADISON, HI 53719) AND VICA (MODOI BRUSS COUNCIL OF AMERICA, 5000 ENTERPRISE LH,
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERNISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANIELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILINE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILINE TO BUILD THE TRUSS IN COMPONENCE WITH THE!

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Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL

33844 3n # 567



_						12
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	דכ רר	FL/-/4/-/-/R/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	-/-/R/-
27	SEQN- 11693	HC-ENG JB/AF	DRW HCUSR487 06214033	DATE 08/02/06	REF R487 40853	Scale =.25"/Ft.

24.0"

JRFF.

1SZF187 Z01

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense :T2 2x4 SP #2: #2 Dense #3 :W1, W23 2x4 SP #2 Dense:

Left end vertical not exposed to wind pressure.

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

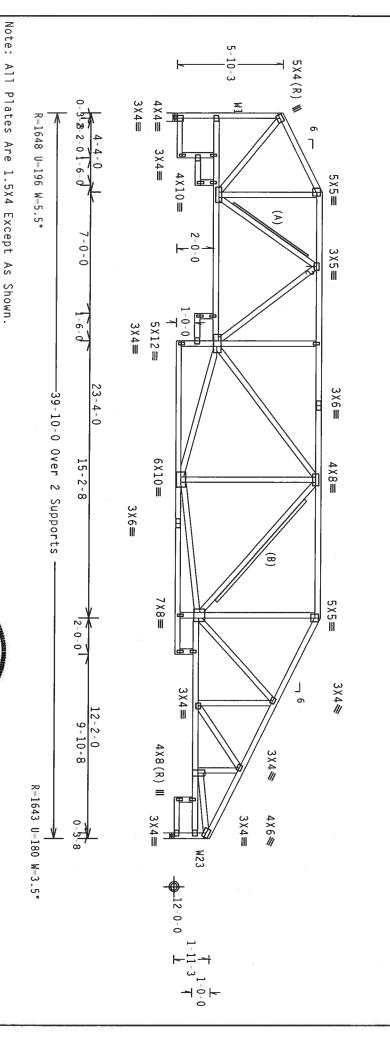
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ 

SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C.AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 16.97 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

Calculated horizontal deflection 0.23" due to dead load. is 0.14" due to live ìoad and

(B) 2x4 SP #3 or better "T" brace. 80% length of web Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ member 6°0C.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Caste of / bn # 567

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSS IN CONFORMACE WITH PET:

OF SIGN CONFORMS WITH APPLICABLE PROVISIONS OF RIDS (MATIONAL DESIGN SPEC, BY AFRAPA) AND THE CONFORMS WITH APPLICABLE PROVISIONS OF RIDS (MATIONAL DESIGN SPEC, BY AFRAPA) AND THE CONFORMS WITH APPLICABLE PROVISIONS OF RIDS (MATIONAL DESIGN SPEC). BY AFRAPA AND THIS OFFICE ARE AND OF ZO103-1040 (M.H.Y.S.Y.) ASIM AGSS GRANCE 40/50 (M.Y.H.S.) GALV. STEEL. APPLY PLAITES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 150A Z. ANY INSPECTION OF PLAITES POLLOWED BY (1) SHALL BE PER ANKEX AS OF FPI1-ZOOZ SEC.3. ASEAL ON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/FPI 1 SEC. 2.

SPACING

24.0" 1.25

JREE -

1SZF487 Z01

DUR.FAC. TOT.LD.

40.0

SEQN-

120330

BC LL BC DL TC DL TC LL

0.0

HC-ENG

JB/AF

10.0

PSF PSF PSF

DRW HCUSR487 06214034

10.0 PSF

DATE

08/02/06

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO SECII 1-03 (BUILDING COMPONENT SAFETY HYGORRATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR. SUITE ZOO, MALISON, AT SAJIS) AND WICK, WOND TRUSS COUNCIL OF AMERICA, SOOD ENTERPRISE LH, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGED CEILING.

. 59687

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

20.0

PSF

REF

Scale =.1875"/Ft. R487-- 40854

Design Crit:

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

PLT TYP.

Wave

Top Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W18 2x4 SP #2 Dense:

Left end vertical not exposed to wind pressure.

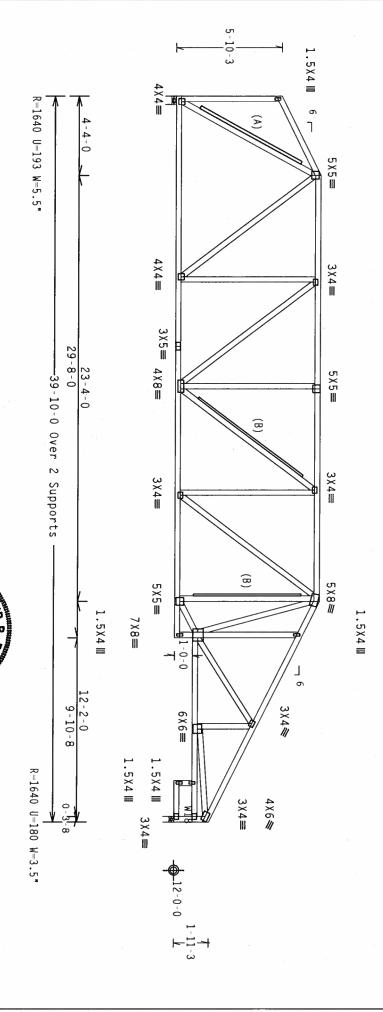
(A) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

SEE DWGS TCFILLER1103 AND BCFILLER1103 FOR FILLER DETAILS. LATERALLY BRACE BOTTOM CHORD ABOVE FILLER AT 24" O.C. AND TOP CHORD UNDER FILLER AT 24" OC INCLUDING A LATERAL BRACE AT CHORD ENDS.

110 mph wind, 16.97 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(B)  $1\times4$  SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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



PLT TYP. Wave

Alpine Engineered Products, Inc.

ALPINE

RIGIO CEILING.

\*\*IMPORTANT\*\*DURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFERNANCE WITH THE THE FOR FABRICATING, HANDLING, SHPPING, INSTALLING B BRACKING OF TRUSSES.

DESIGN CONFERNS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRA) AND THI. APPLICABLE OR PALES ARE MOSE TO 20/18/166A (M.H/SY), ASIM ASSES GRADE 40/50 (M.K.H.S) GAND. APPLY CONFERCTOR FALES ARE MOSE TO 20/18/16A (M.H/SY), ASIM ASSES GRADE 40/50 (M.K.H.S) GAND. APPLY FALES TO EACH FACE OF TRUSS AND, UNICES OTHERNISE LOCATED ON THIS DESIGN POSITION PER DRAMINGS 160A.

"\*\*WARRING\*\* HOUSES REQUIRE EXTREME CARE" HE FABRICATION, PANDING SHEPFIRE, HESTALING AND BRACING.
REFER TO REST 10 3 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED B TF ICE WISS FARE INSTITUTE: 583
D'ONDEFIO DR. SUITE 200, MADISON, AL 53719), AND MICA (MODD TRUSS COUNCIL DE AMERICA, SODO ENTERPES IN HADISON, HE SAFETY PRACTICES PRIOR TO PERFERHANCE HEST VINCTIONS. UNICES OTREMASE INDICATED
HADISON, AL 53719) FOR SEETY PRACTICES PRIOR TO PEPERFANTION HEST STRUCTIONS. MALL HALES OTREMASE INDICATED
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HALES APPOPERLY ATTACHED

Design Crit:

TPI-2002(STD)/FBC Cq/RT=1.00(1.25)

25) /10(0)

Se Sus Se

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

10.0 PSF 20.0

DATE

08/02/06

PSF

REF

R487--

Scale =.

1875"/Ft. 40855

10.0 PSF

DRW HCUSR487 06214035

. 59687

BC LL BC DL TC DL TC LL

0.0 PSF

HC-ENG

JB/AF 11639

PSF

SEQN-

SPACING DUR.FAC. TOT.LD.

24.0"

JREE.

1SZF487 Z01

1.25 40.0

Haines City, FL 33844 Ticate of # on # 567

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

OF TPI1.2002 SEC.3. A SEAL ON THIS ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

ANY INSPECTION OF PLATES FOLLOWED BY DRAWING INDICATES ACCEPTANCE OF PROF

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

Left end vertical not exposed to wind pressure

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

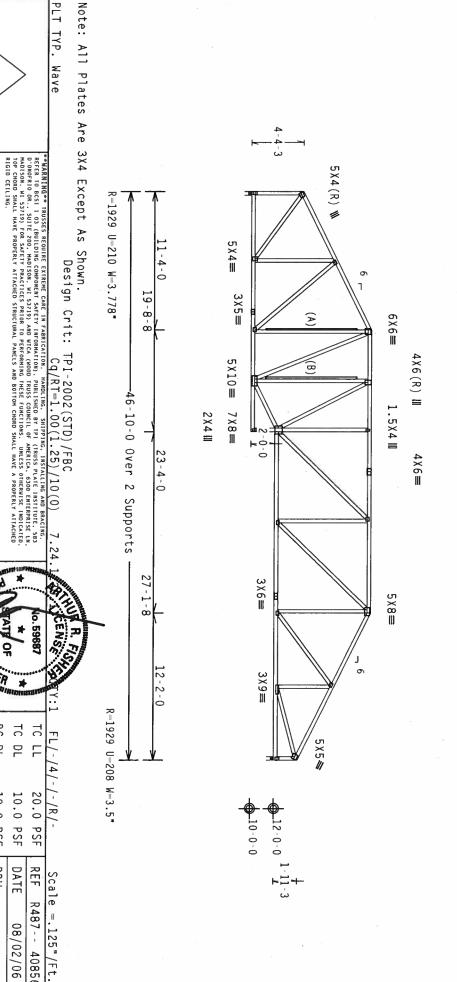
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 16.97 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, and installation of trusses. See "WARNING" note below. shipping



Alpine Engineered Products, Inc 1950 Marley Drive

ALPINE

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

ANY BUILDING

02 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

Bny

SPACING DUR.FAC.

24.0"

JRFF-

1SZF 187

201

1.25

BC LL BC DL TC DL

0.0 PSF 10.0 PSF

TOT.LD.

40.0

PSF

SEQN-HC-ENG . 59687

T

20.0

PSF

R487-- 40856

10.0 PSF

DATE REF

08/02/06

DRW HCUSR487 06214036

JB/AF 11640

Haines City, FL 33844 Teate of / 'n # 567

6

Top Bot p chord 2x6 SP #2 t chord 2x6 SP #2 Webs 2x4 SP #3

End verticals not exposed to wind pressure

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

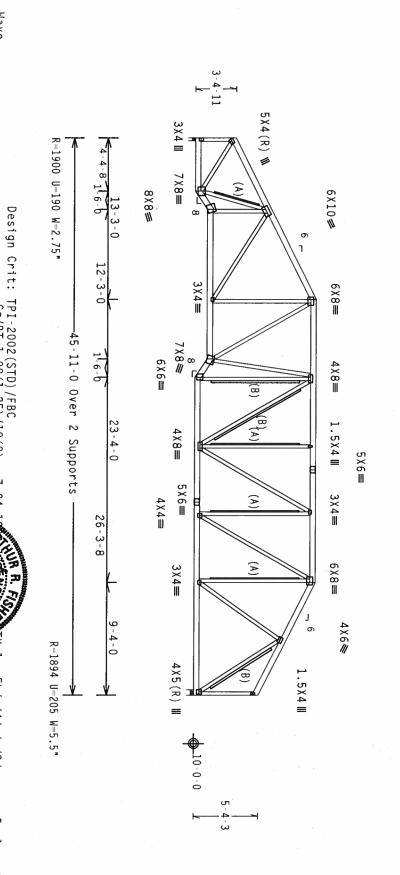
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ 

110 mph wind, 16.70 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, and installation of trusses. See "WARNING" note below. shipping



PLT TYP.

Wave

\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BCSI 1 03 (BULDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583 0 "ONOFRIO DR. SUITE ZOO, MADISON, HI 53719) AND WICK, MODOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UN, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED

GENS

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

Scale

=.125"/Ft.

20.0

PSF

R487-- 40857

DATE REF

08/02/06

Alpine Engineered Products, Inc. 1950 Marley Drive

SDACING

24.0"

JRFF

1SZF/87 Z01

DUR.FAC.

1.25 40.0

TOT.LD.

SEQN-

120390

BC LL BC DL

0.0 PSF PSF

HC-ENG

JB/AF

TC DL TC LL

10.0 PSF 10.0 PSF

DRW HCUSR487 06214037

ALPINE

RIGID CEILING.

Haines City, FL 33844 Treate of / on # 567

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

End verticals not exposed to wind pressure.

(B) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

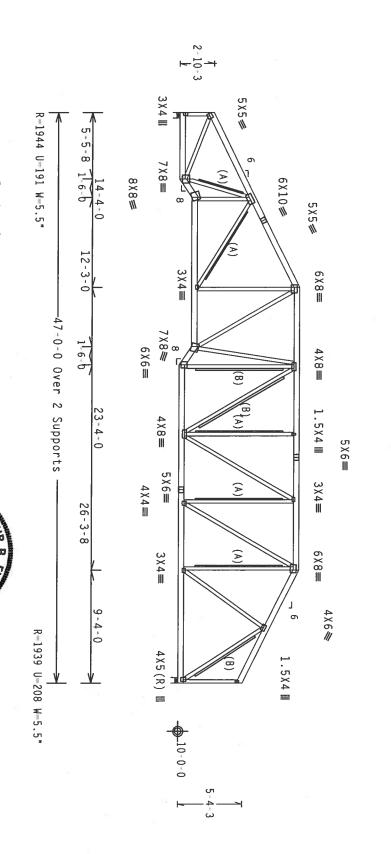
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 16.43 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Design Crit: TPI-2002(STD)/FBC  $\frac{Cq/RT=1.00(1.25)/10(0)}{1.25}$ 

TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.
REFER TO 8CS1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAIE INSTITUTE, 583
D CHOREN DIN., SUITE 200. MADISON, HI 53719) AND NICA (MODO TRUSS CONUCLIO FABRICA, 6300 ENTERPRISE IN
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

\*\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DELIAID NET RESIDN: ANY FALLURE TO BUILD THE TRUSS IN CONFORMACE HITH PEI:

OESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 7005 (ANTIONAL DESIGN SPEC, 94 FAREA) AND TPI.

CONNECTION FALES ARE ANDE OF 20/18/166A (4) H/5/2) ASTH AGSS GRADE 40/50 (4) FAREA) AND TPI.

PLATES TO EACH FACE OF TRUSS AND. DIMESS OTHERMISE LOCATED ON THIS DESIGN. POSITION PER DRAHIMGS 160A-2.

ANY IMSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNY X 30 OF TPI1-2002 SEC 3.

ASEA, ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE TRUSS COMPONENT BUILDING DESIGN. PER ANNSI/PPI 1 SEC. 3.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 Treate of I on # 567



=					******	Mar.
SNISvas	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	דכ רר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRCC 1SZF197 Z01		SEQN- 120383	HC-ENG JB/AF	DRW HCUSR487 06214038	DATE 08/02/06	REF R487 40858

Scale

=.125"/Ft.

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

End verticals not exposed to wind pressure

(B) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d 8ox or Gun (0.135"x3.5",min.)nails @ 6" OC.

brace In lieu of structural panels or rigid ceiling use purlins to brace TC @  $24\,^{\circ}$  OC, BC @  $24\,^{\circ}$  OC.

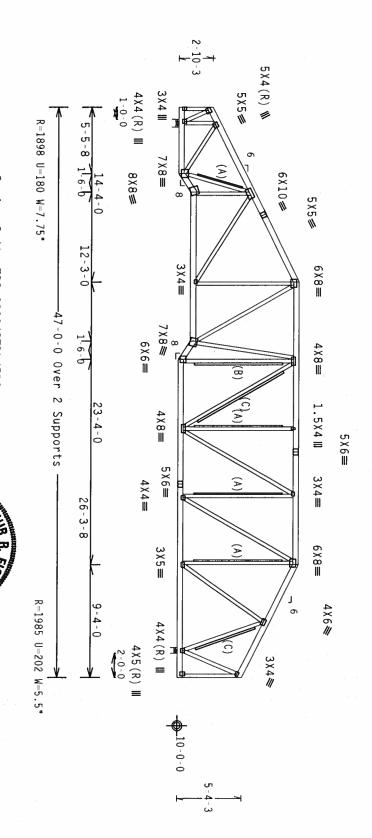
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 16.43 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Attach with (A)  $1\times4$  SP #3 or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

(C) 2x6 SP #3 or better "I" brace. 80% length of web member Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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



PLT TYP.

Wave

Design Crit: TPI-2002(STD)/FBC  $\frac{Cq/RT=1.00(1.25)/10(0)}{7.}$ \*\*\*HARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING. SHIPPING, INSTALLING AND BRACING. REFER 10 BCS1 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY 1PI (TRUSS PLAIE INSTITUTE, 593 0 "POWDETED BR. SUITE 200, MADISON, H 1 53719) AND HTCA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LH. HADISON, H 1 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. INDICATED. RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVILION FROM THIS DESIGN.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVILION FROM THIS DESIGN.

RESPONSES IN COMPORNACE WITH PD;

OF FABRICATION, HAD HOLD, SHEPPING, INSTALLING, SHEPPING, INSTALLING BRACING OF TRUSSES.

CESSION COMPORNS, WITH APPLICABLE PROVISIONS OF NDS (MATIDNAL DESIGN SPEC, BY AFRIPA) AND TPI.

APPLY
PLATES TO EACH FACE OF TRUSSS AND, UNILESS OTHERWISE (COLID ON THIS DESIGN, POSITION PER DBANHENS 1500.-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A) OF TPI1 2002 SEC.3. A SEAL ON THIS
BRACHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE

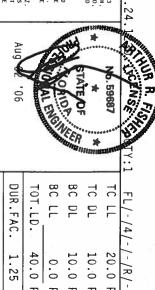
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/FPI I SEC. Z.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 ficate of on # 567



FL/-/4/ TC DL TC DL BC DL	/-/4/-/-/R/- L 20.0 PSF DL 10.0 PSF DL 10.0 PSF	Scale = .125"/Ft.  REF R487 40859  DATE 08/02/06  DRW HCUSR487 06214039
TC DL	10.0 PSF	
BC DL	10.0 PSF	DRW HCUSR487 06214039
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 120398
DIIB EAC	1 25	

SOACING

24.0"

JREE- 1SZF187 ZOI

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

End verticals not exposed to wind pressure

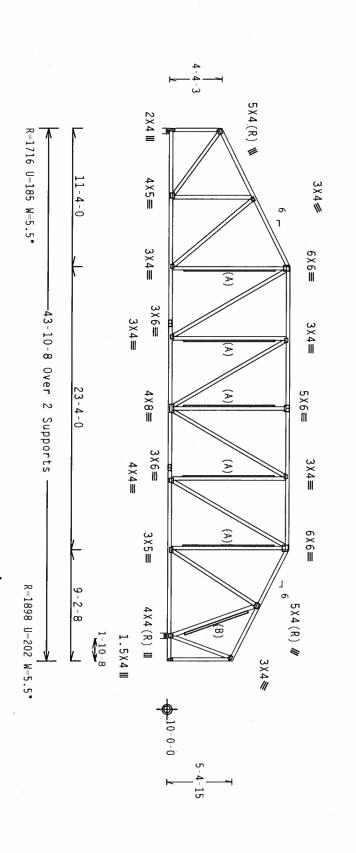
(B) 2x6 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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

110 mph wind, 17.18 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) lx4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24  $^{\circ}$  OC, BC @ 24  $^{\circ}$  OC.



Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BULLD THE TRUSS IN CONFORMANCE WITH HP:

OESIGN CONFORMACE WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AREA), AND TPI.

CONNECTOR PALES ARE HODE OF 20/12/16/66. (M. H/S/M.) STIM ASS GRADE 40/60 (M. K/M.S) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF 1911-2002 SEC. 3. A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF ROPESSIONAL REGISHERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

DESIGN SHOWN. THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

\*\*#ÅRNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING.
RETER TO BESI I OS (BUILDING COMPONENT SAFETY IN GORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583
D'ONDFRIO BR. SUITE 200, MADISON, HI 53719) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 5300 ENTERPRISE LH.
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

BC DL

TC DL TC LL

10.0 PSF 10.0 PSF 0.0 PSF PSF

> DATE REF

08/02/06

40860

20.0

PSF

Scale =.125"/Ft. R487--

BC LL

TOT.LD.

40.0

SEQN-

120410

HC-ENG

JB/AF

DRW HCUSR487 06214040

SPACING DUR.FAC.

24.0" 1.25

JRFF- 1SZF187 Z01

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

.25)/10(0)

Figure City, FL 33844 figure of 4 on #567

DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TP! 1

AND USE OF THIS COMPONENT FOR SEC. 2.

TYP.

Wave

Top Bot p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3 :W26 2x4 SP

SPECIAL LOADS #2 Dense:

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24  $^{\circ}$  OC, BC @ 24  $^{\circ}$  OC. ---- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- From 62 PLF at 0.00 to 62 PLF at 43.88
- From 20 PLF at 0.00 to 20 PLF at 43.88
- 129 LB Conc. Load at 43.00

See DWGS All030EE0405 & GBLLETIN0405 for more requirements. Fasten rated sheathing to one face of this frame

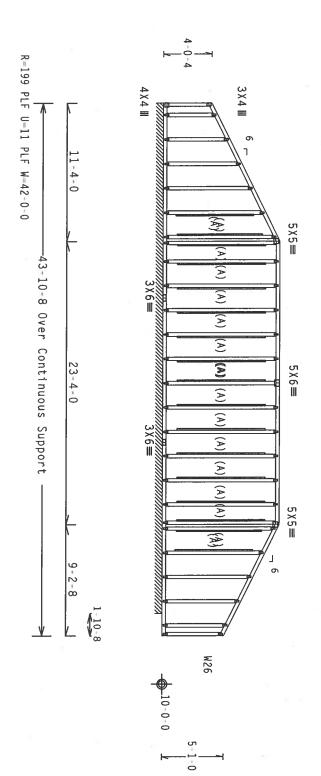
110 mph wind, 16.85 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

Calculated horizontal deflection is 0.35  $\!\!\!^{"}$  due to live load 0.55  $\!\!\!^{"}$  due to dead load.

(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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



Note: All Plates Are 1.5X4 Except As Shown. Design Crit:

PLT TYP.

Wave

\*\*MARNING\*\* TRUSSER REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BOSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THY (TRUSS PLATE INSTITUTE, 583 D'OMOFRIO DR. SUITÉ ZOO, MADISON, HI 53719) AND MICA, (MODO TRUSS COUNCIL OF AMERICA, SOOD ENTERPRISE LH, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. Cq/RT=1.00(1.25)/10(0)

TPI-2002 (STD) /FBC

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, LHC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FALLURE TO BUILD THE RUSSES IN CONFORMANCE AITH FPI:

BUSICH CONFORMS WITH APPLICABLE PROVISIONS OF 105 (MATIGNAL DESIGN SPEC, BY AFREA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/186A (M.H./SYL) ASTH AGSS GANDE 40/50 (M. K/H.5) CAULY. SIEEL APPLY LATES TO EACH FACE OF TRUSSES.

PLATES TO EACH FACE OF TRUSS AND. UNLESS DIMERNISE LOCATED ON THIS DESIGN, POSITION PER BRANKING SIEGA-Z.

ANY IMPRECIATION OF PLATES FOLLOWED BY (1) SMALL BE PER ANKEX A 30 F TPI: 2002 SEC.3.

ASEAL ON THIS DESIGN OF PACE SECONOMIC PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE ANY INSPECTION OF PLATES FOLLONED BY (1) SMALL BE PER ANNEX AS DRAWING INDICATES, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSION SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ANY BUILDING IS THE RESPONSIBILITY OF

Alpine Engineered Products, Inc. 1950 Martey Drive

ALPINE

Haines City, FL 33844 ficate of on # 567



	1 25	DIIR FAC
SEQN- 120429	40.0 PSF	TOT.LD.
HC-ENG JB/AF	0.0 PSF	BC LL
DRW HCUSR487 06214041	10.0 PSF	BC DL
DATE 08/02/06	10.0 PSF	TC DL
REF R487 40861	20.0 PSF	TC LL
Scale = .125"/Ft.	/-/R/-	FL/-/4/-/-/R/-

24.0"

JRFF.

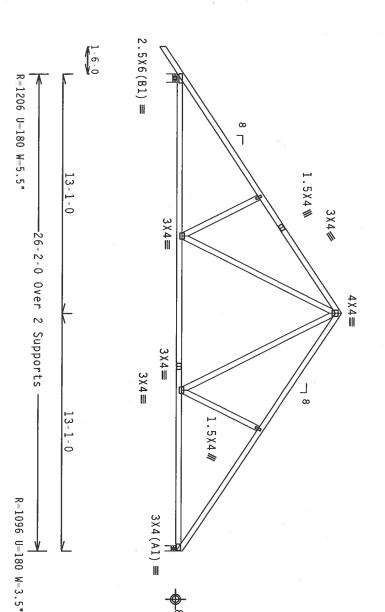
1SZF 497 Z01

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

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

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

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



\*\*\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING. MEMPRING. MESTALLING AND BRACHIG. REFER TO BEST 100 GRUIDING COMPORENT SAFETY INFORMATION). PUBLISHED BY THE (TRUSS PLAKE INSTITUTE, 583) OF ORDERING TO., SUITE 200, MADISON, MI 53719) AND MECA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERRISE IN. MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. CHAESS OTHERWISE INDICATED. TOY CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT OF THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGHT OF THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGHT OF THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGHT OF THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGHT OF THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL PARELS AND BOTTOM CHORD SHALL PARELS AND BOTTOM CHORD SHALL PARELS AND B

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

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

APPLIE ENGINEERED PRODUCTS, LINC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLINE TO BUILD HE TRUSS IN CONFORMANCE WITH TPI:

OR FABRICATING. HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORTANCE WITH APPLICABLE PROVISIONS OF BUS (MATIONAL DESIGN SPEC, BY ATAPA), AND TPI.

APPLY COMMETTER PLATES ARE HADE OF 20/18/15GA, W, H/S/W, ASTH A653 GRAVA, DESIGN FOSTION FER. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 166A Z.

ANY HISSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-Z002 SEC. 3)

A SEAL ON THIS DESIGN SHOWN.

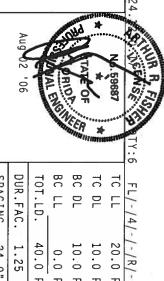
THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive

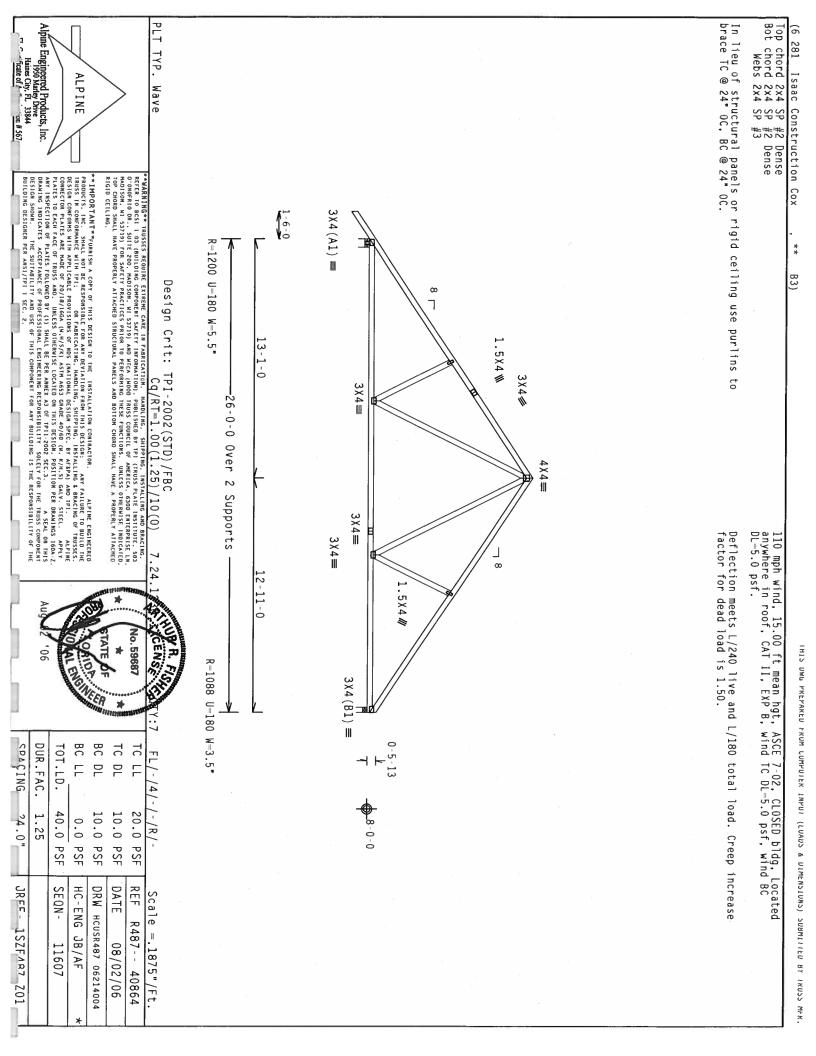
ALPINE

Haines City, FL 33844 'Scate of A on # 567



-	_	_	_			_
SNISVOS	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREE 1SZFAR7 ZO1		SEQN- 11606	HC-ENG JB/AF *	DRW HCUSR487 06214003	DATE 08/02/06	REF R487 40863

Scale =.1875"/Ft.



Bot chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense chord 2x6 SP #1 Dense Webs 2x4 SP #3 :W17 2x4 SP #2 Dense: #1 Dense:

SPECIAL LOADS

- (LUMBER DUR.FAC.=1.25 / PLATE From 108 PLF at 0.00 to 10 From 117 PLF at ATE DUR.FAC.=1.25) 108 PLF at 22.33 117 PLF at 22.33

In lieu of brace TC @ brace structural 24 ° 0C, BC panels or rigid ceiling use purlins to @ 24° OC.

See DWGS All030EE0405 & GBLLETIN0405 for more requirements.

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

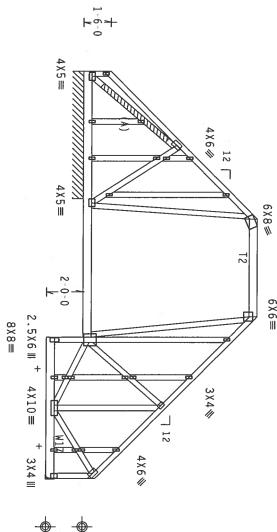
> 110 mph wind, 17.14 ft mean hgt located within 4.50 ft from roo DL-5.0 psf, wind 8C DL-5.0 psf. ft from roof edge, CAT II, EXP B, wind TC

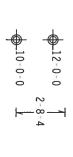
Right end vertical not exposed to wind pressure

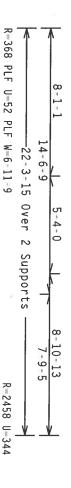
(A) SP #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6"

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

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







Note: All Plates Are 1.5X4 Except As Shown.

TYP.

Wave

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) .25)/10(0)

\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 0'O'ONDERIO BR. SUITE 200, ANDISON, MI 53719) AND MICA (MODO TRUSS COUNCIL OF AREACA, 6300 ENTERPRISE LM, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS O'HERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; DAY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION, AND LING, SHIPPING, INSTALLING A BRACING OF REUSSES, DESIGN CONFORMACE WITH PIPI.

OF ARBEICATHO, AND AND THE APPLICABLE PROVISIONS OF DUS (ANTIONAL DESIGN SPEC, BY AFRA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/12/16/06, (N H/S/S/) ASTH AGS GAADE 40/60 (N H/S/S) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPIL-2002 SEC. 3.

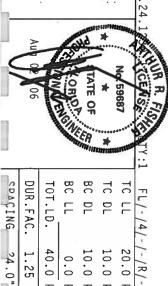
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPIL-2002 SEC. 3.

A SEAL ON THIS DRAWHING INSPECTANCE OF PROFESSIONAL REGISHER OF RESPONSIBILITY SOLELY FOR THE FRUSS COMPONENT OF THE DESIGN SHALL BY THE PLATE OF THE TRUSS COMPONENT OF THE SULFACE ACCEPTANCE OF THE TRUSS COMPONENT OF THE SULFACE ACCEPTANCE OF THE TRUSS COMPONENT OF THE SULFACE ACCEPTANCE OF THE SULFACE ACCEPTANCE OF THE SULFACE ACCEPTANCE OF THE TRUSS COMPONENT OF THE SULFACE ACCEPTANCE OF THE SULFACE ACCEPTANCE OF THE SULFACE ACCEPTANCE OF THE TRUSS COMPONENT OF THE SULFACE ACCEPTANCE OF THE SULFACE OF THE SULFACE ACCEPTANCE OF THE SULFACE ACCEPTANCE OF THE SULFACE ACCEPTANCE OF THE SULFACE ACCEPTANCE OF THE SULFACE ACCEPTAN DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 ficate of / on # 567



1.25 24.0"

JRFF-

1SZF187 Z01

Bot Top chord 2x6 SP #1 Dense
Bot chord 2x6 SP #1 Dense :B2 2x4 SP
Webs 2x4 SP #3
:Rt Slider 2x4 SP #3: BLOCK LENGTH = #2 Dense: 1.500

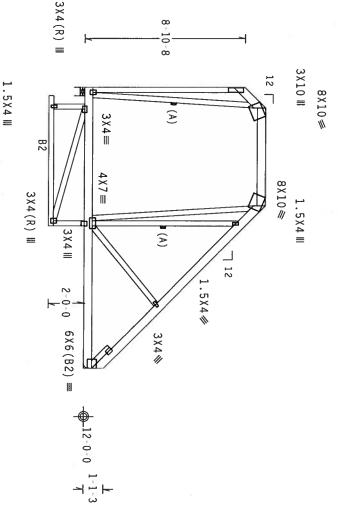
Left end vertical not exposed to wind pressure.

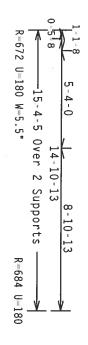
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

(A) Continuous lateral bracing equally spaced on member

110 mph wind, 17.55 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

Calculated horizontal deflection is 0.17" due to 0.32" due to dead load. live load and





Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 25) /10(0)

PLT TYP.

Wave

RIGIO CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIANTON FROM THIS DESIGN: MY FILLURE TO BUILD THE RRUSS IN CONFORMACE WITH THE THE FOR FABRICATION, HANDLING, SHEPPING, INSTALLING BEACKING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (M.H/S/)) AAV. STEEL. APPLY LATES TO EACH FACE OF TRUSS AND. WILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAINESS IGAA.Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1 2002 SEC.3.

A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. INDICATES ACCEPTANCE OF SEC.3.

A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT OF THE TRUSS THE THE SEAL OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844
Cate of A n # 567



BC LL BC DL TC DL SOACING DUR.FAC. TOT.LD. 24.0" 1.25 40.0 10.0 PSF 10.0 PSF 0.0 PSF PSF DATE SEQN-HC-ENG JRFF- 1SZF197 Z01 DRW HCUSR487 06214043 JB/AF 08/02/06 120472

20.0

PSF

REF

R487--

40866

Scale

=.1875"/Ft.

281 Isaac Construction Cox \* (3)

IHIS UWG PKEPAKEU FKUM CUMPUIEK INPUI (LUADS & DIMENSIUNS) SUBMIIIED BY IKUSS MFK

Top p chord 2x6 SP #2 t chord 2x6 SP #2 Webs 2x4 SP #3

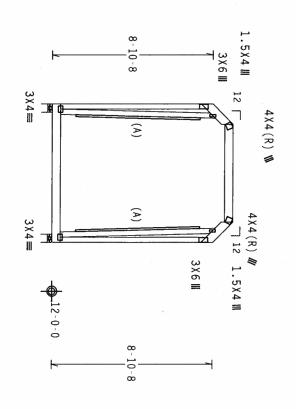
End verticals not exposed to wind pressure.

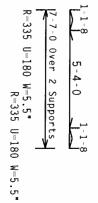
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

110 mph wind, 21.44 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, REFER TO BCSI 1 03 (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TBUSS PIALE INSTITUTE, S83 0 ONDERTIO BR. SUITE 200. MADISON, HI 53719) AND MICA (HOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UN, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORBING THESE FUNCTIONS. UNLESS OTHERWIST INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILINE TO BUILD THE INSTALLING A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFRAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF ZO/18] AGAC, MY H/S/Y, ASTM MASS GRANDE 40/50 W, K/H/S) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND. JUNESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A. Z.

ANY IMSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 3 OF FPI1-ZODZ SEC. 3.

ASSAUL ON THIS
DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/PPI 1 SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 cate of A n # 567



<b>%</b> [Y:1	FL/-/4/-/-/R/-	·/-/R/-	Scale = .1875"/Ft.
inited to	TC LL	20.0 PSF	REF R487 40867
**************************************	TC DL	10.0 PSF	DATE 08/02/06
ER	BC DL	10.0 PSF	DRW HCUSR487 06214044
	BC LL	0.0 PSF	HC-ENG JB/AF
	TOT.LD.	40.0 PSF	SEQN- 120455
	DUR.FAC.	1.25	
	SDACING	24.0"	JREE 182F187 701

1SZFAR7 Z01

(6-281--Isaac Construction Cox \* 02)

IHIS UNG PKEPAKEU FKUM CUMPUTEK INPUT (LUADS & DIMENSIONS) SUBMITTED BY TKUSS MFK.

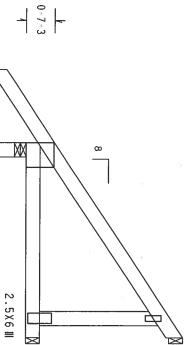
Top Bot Webs 2x4 :Lt Wedge 2x4 p chord 2x4 SP ; t chord 2x4 SP ; Webs 2x4 SP ; t Wedge 2x4 SP ; #2 Dense #2 Dense #3:

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

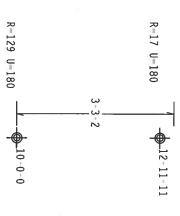
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0

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

Provide Provide 22 16d common nails(0.162\*x3.5\*),
16d common nails(0.162\*x3.5\*), toe toe nailed at Top chord. nailed at Bot chord.



 $7 \times 6'(B'4) =$ 



1.5X4 III

1-6-0-R=293 U=180 W=3.5" <-4-0-0 Over 3 Supports ->

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

PLT TYP.

Wave

\*\*\*WARNING\*\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING.
RETER TO BESI 1-03 (BOILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583
0 "ONDERIO DR. SUITE ZOO. MADISON, 41 53719) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 5300 ENTERRISE LH,
MADISON, 41 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED.
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

\*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY PETIATION FROM THIS DESIGN: ANY FAILURE TO BULLD THE TRUSS IN COMPORMANCE WITH PET:

OF ARBEICATION, HANDLING, SHEPPING, AND THE INSTALLING & BRACING OF REUSSES, DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF MDS (WATIONAL DESIGN SPEC, BY AFERA) AND TPI.

CONNECTOR PLATES ARE HADE OF 20/18/1604, (M.H.YSY), ASTA MASS GAADE 40/50 (M.K.M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWHING SIGNAL AND THIS DESIGN SPEC, BY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPII-2002 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPII-2002 SEC. 3.

BRANING INDICATES ACCEPTAINEE OF FORDESSIONAL REGISHERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc 1950 Marley Drive

ALPINE

Haines City, FL 33844



HILL CONT.
10 LC LC
20.0 PSF
PSF
REF
R 48
R487 40869
6980

Scale =.5"/Ft.

24.0"

JRFF.

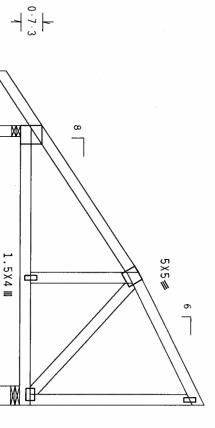
1SZF487 Z01

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP #
:Lt Wedge 2x4 SP # #2 Dense #2 Dense #3:

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

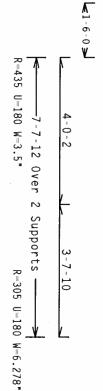
Right end vertical not exposed to wind pressure.

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





1.5X4 III



7X6(B4) ≡

3 \ 4 ≡

PLT TYP.

Wave

Design Crit: TPI-2002(STD)/FBC  $\frac{Cq/RT=1.00(1.25)/10(0)}{7.5}$ Refer to 8cs: 1 03 (Building Component Safety Information), published by the (ruses safety) (ruses safet

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETINION FROM THIS DESIGN. ANY FALLURE TO BULLO THE TRUSS IN COMPORANCE WITH HPI:

OF ARBELLATING, HANDLING, SHIPPING, JINFALLING, BEBACING OF RRUSSES, DESIGN COMPORMANCE WITH PPILCABLE PROVISIONS OF AND SEATONAL DESIGN SEC. B. AFERA) AND TPI.

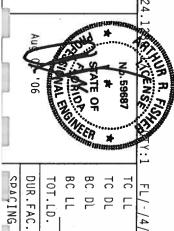
CONNECTOR PALEES ARE MADE OF 20/18/1606, (M. M.Y.SY.) ASTH ASS GRADE 40/60 (M. K.M.S.) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-Z. ANY INSPECTION OF FLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPIL-2002 SEC. 3.

ANY INSPECTION OF FLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPIL-2002 SEC. 3.

BRANIAGE INDICATES ACCEPTANCE OF PROFESSIONAL REGISTRETING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULFACE ACCEPTANCE OF PROFESSIONAL REGISTRETING RESPONSIBILITY OF THE DESIGN SHOWN. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

ALPINE



	*800	De Principal	*	ni mir	Y 1
TOT.LD.	BC LL	BC. DL	TC DL	TC LL	FL/-/4/-/-/R/
40.0	0.0	10.0	10.0	20.0	·/-/R/-
PSF	PSF	PSF	PSF	PSF	
SEQN-	HC-ENG	DRW HCU	DATE	REF R	Scale
11648	JB/AF	SR487 06214047	08/02/06	187 40870	Scale =.375"/Ft.
	40.0 PSF SEQN-	BC LL 0.0 PSF HC-ENG J TOT.LD. 40.0 PSF SEQN-	BC DL 10.0 PSF DRW HCUSR BC LL 0.0 PSF HC-ENG J TOT.LD. 40.0 PSF SEQN-	DL 10.0 PSF DL 10.0 PSF LL 0.0 PSF .LD. 40.0 PSF	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

24.0"

JREF-

1SZF187 Z01

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP #
:Lt Wedge 2x4 SP # #2 Dense #2 Dense #3:

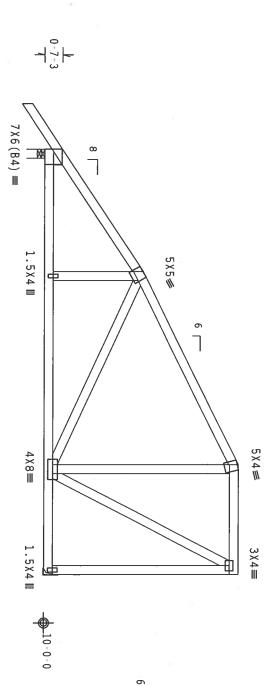
In lieu of structural panels or rigid ceiling use purlins to brace TC @  $24\mbox{\tt ^*}$  OC, BC @  $24\mbox{\tt ^*}$  OC.

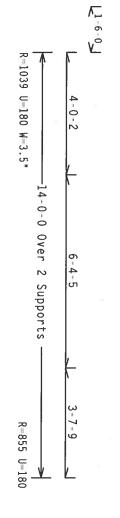
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

Trusses to be spaced at 36.0" OC maximum.

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





Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1 /10(0)

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, REFER TO BESI 1-03 (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO BR. SUITE ZOD. HADISON, MI 53719) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM. MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FALLURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY GENERAL THIS DESIGN: ANY FALLURE TO BUILD THE FROUGTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY GENERAL HIGH. BRACING OF FRUSTES, DESIGN COMPORNANCE WITH HPI:

OF ABBRICANTIA, HANDLE FOR THE PROPERTY OF THE THUSS COMPONENT OF THE SOLITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE PROPERTY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 Ficate of A on # 567



			***************************************	ineest	\$160m	-
DUR.FAC.	TOT.LD.	שנ דר	BC DL	TC DL	וכ רר	-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	(4) / (7)
	SEQN- 11699	HC-ENG JB/AF	DRW HCUSR487 06214048	DATE 08/02/06	REF R487 40871	Scale SICS /FC.

36.0"

JREE 1SZF 107 Z01

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

110 mph wind, 20.02 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

End verticals not exposed to wind pressure.

Trusses to be spaced at 36.0" OC maximum.

Girder supports 20-1-0 span to BC TC/BC split opposite face. one face and 10-8-0 span to

Truss must be installed as shown with top chord up.

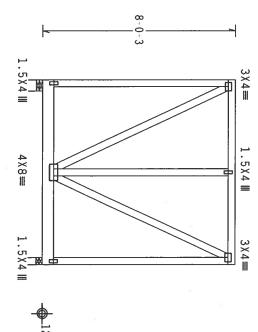
## COMPLETE TRUSSES REQUIRED

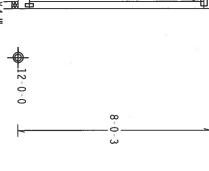
Nailing Schedule: (
Top Chord: 1 Row @
Bot Chord: 1 Row @
Webs : 1 Row @ Nailing Schedule: (12d\_Common\_(0.148\*x3.25\*,\_min.)\_nails)
Top Chord: 1 Row @12.00\* o.c.
Bot Chord: 1 Row @ 9.25\* o.c.
Webs : 1 Row @ 4\* o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

The TC of this truss shall be braced with attached spans at 24  $^{\circ}$  OC in lieu of structural sheathing.





R=2378 U-386 W-5.5" ←7-7-0 Over 2 Supports →

R-2378 U-386 W-3.5"

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

PLT TYP.

Wave

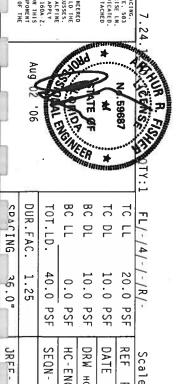
RIGIO CEILING

\*\*IMPORTANT\*\*DURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALURE TO BUILD THE TRUSS IN CONFORMACE WITH THE THE FABRICATION, HANDLING, SHPPTING, INSTALLING A BRACKING OF TRUSSES, DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF ADS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 160A Z. DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) INDICATES 

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

ALPINE





HC-ENG

JB/AF 120445

1SZF187 Z01

DRW HCUSR487 06214050

Scale =.25"/Ft.

R487-- 40873

08/02/06

HIS UNG PREPAREU FRUM CUMPUTER INPUT (LUADS & DIMENSIONS) SUBMITTED BY TRUSS

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. In lieu of structural panels or rigid ceiling use brace TC @ 24" 0C, BC @ 24" 0C. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ Alpine Engineered Products, Inc. (6-281 - Isaac Construction Cox Haines City, FL 33844 icate of / on # 567 ALPINE Wave \*\*IMPORTANT\*\*\*URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLURE TO BUILD THE PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION ROOM THIS DESIGN: ANY FALLURE TO BUILD THE RUSSES IN CONFORMANCE AITH PIE: OF FABRICATING. MAND LING. SHIPPING. INSTALLING BRACING OF FRUSSES. DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFERA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/160A. (M-M-M/S). ASTH AGSS GRADE 40/60 (W. K/H-S) GAU.Y. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DRAMINGS 160A-Z. ANY INSPECTION OF PACHES FOLLOWED BY (1) SHALL BE FER ANNEX A DOF TPI)-2002 SEC 3. A SEAL ON THIS DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS SOMPONEH \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFEIO DR. SUITE ZOD, MADISON, HI 53719) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LIM, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED DESIGN SHOWN. THE SUITAR BUILDING DESIGNER PER ANSI/ RIGID CEILING. **←**1-11-4→ \* 2X4(A1) = HJA) Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) R=573 U-180 W-9.167\* purlins 4.82 A SEAL ON THIS ONES THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE 11-8-0 Over 3 Supports 1.5X4 III 3×4≢ Hipjack supports 8-3-0 setback jacks. webs. Longer jacks supported to BC. 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, DL-5.0 psf. CENSE TATE OF 5. 59687 INIS UNG PREPAREU FROM COMPUIER INPUI (LUAUS & DIMENSIONS) SUBMILIEU BY IRUSS MFR 3×4≡ R=722 U=180 ASCE 7-02, CLOSED bldg, Located wind TC DL=5.0 psf, wind BC BC DL BC LL DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-R-163 U-180 Jacks up 1.25 40.0 20.0 to 7' have no 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF SEQN-HC-ENG DATE REF DRW HCUSR487 06214051 Scale =.375"/Ft. R487-- 40875 JB/AF 11678 08/02/06

SPACING

24.0"

JRFF- 1SZF487 Z01

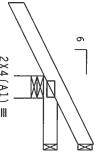
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

In lieu of structural panels or rigid ceiling use purlins to brace TC @  $24\ ^{\circ}$  OC, BC @  $24\ ^{\circ}$  OC.

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

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

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



R--6 U-180

R--15 U-180

8-8-10 800



1-6-0-V 1-4-12 Over 3 Supports R-236 U-180 W-5.5

PLT TYP.

Wave

Design Crit: TPI-2002(STD)/FBC  $\frac{Cq/RT=1.00(1.25)/10(0)}{7.}$ \*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SUPPING. INSTALLING AND BRACING. REFER TO BCS.1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 593 0'-000FRIO BR., SUITE 200. MADISON, H. 153719), AND HCA. (MOOD FRUSS COUNCIT OF MERICA. 6300 ENTERPRISE LIN. MADISON, H. 153719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHOOD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN.

ANY FAULURE TO BUILD THE FORD FOR FABRICATION.

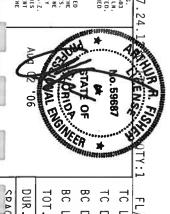
BESIGN CONFORMS HITH APPLICABLE PROVISIONS OF NDS (MAITOMAL DESIGN SPEC, BY ATSPA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (M. H/S/K) ASTM A655 GRADE 40/50 (M. K/H.S) GALV. SIEEE. APPLY PLATES TO EACH FACE OF TRUSSS AND. MURESS OF MINISTER COLDED ON THIS DESIGN. POSITION PER DRAWINGS 160A. Z.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL GROUNDEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILLITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/FPI 1 SEC. Z.

Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844

ALPINE



		_	В		_	_
DAG	UR.	07.	BC LL	BC DL	TC DL	TC LL
SPACING	DUR.FAC.	TOT.LD.	 	ř	ř	<u>-</u>
24.0"	1.25	40.	0	10.	10.	20.
0	ဟိ	0	0	0	0	0
		40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZFAR7 Z01		SEQN-	HC-ENG JB/AF	DRW HCUSR487 06214052	DATE	REF R487 40876
		T	NG.	нсі		20
SI			J.	JSR		48
FA		11613	3/A	187	08/02/06	7
27		13	щ	06	02	4
7				21	$\sim$	2
$\sim$ 1				4	ı≍ı	9

Scale 1

.5"/Ft.

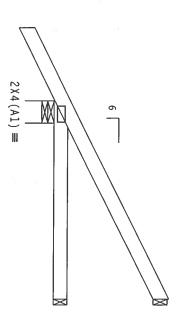
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

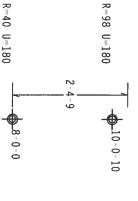
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

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

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





1-6-0-R-297 U-180 W-5.5" <-4-0-12 Over 3 Supports →

PLT TYP.

Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.

\*\*\*HARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 0'-000FRIO BR., SUITE 200, MADISON, HI 53719), NO HICA (MODO TRUSS COUNCIL OF MAREA, 6200 EMERBAISE INDICATED, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, WHIESS OTHERWISE INDICATED, TOP 10080 SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOT

\*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FAILURE TO BUILD THE ROOMS IN COMPONENCE WITH PET.

OFSIGN COMPONENCE WITH APPLICABLE PROVISIONS OF MUS (MATIONAL DESIGN SPEC, BY AFSEA) AND TPI.

CONNECTION PALES ARE MADE OF 20/18/160A (M.H.Y.S.Y.) ASTR AGS GRADE 40/50 (M. K/M.S) CALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. DHEESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DAMBHINGS 150A 2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI1-2002 SEC.3.

ASEALON THIS DESIGN SHOWN.

THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE TRUSS COMPONENT BUILDING DESIGNEEPER ANSI/PPI 1 SEC. 2.

Alpine Engineered Products, Inc.
Haines City, FL 33844
"Cute of t 'n# 567

ALPINE



	_					Ιμ-
DUR.FAC. 1.25	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SEQN- 11612	HC-ENG JB/AF *	DRW HCUSR487 06214006	DATE 08/02/06	REF R487 40877	Scale =.5"/Ft.

24.0"

JREE- 1SZFAR7 ZO1

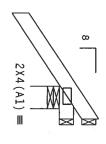
Top Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense

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

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

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

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



R=-27 U=180

R---131 U-180

8-5-9 8-0-0

0=9-12

**1**-6-0-✓ 0-8-0 Over 3 Supports R=317 U-180 W-5.5"

Design Crit: TPI-2002(STD)/FBC

TYP.

Wave

CQ/RT=1.00(1.25)/10(0) 7. Frankhing\*\* Trusses require extreme care in fabrication, mandling. Shipping, installing and bracing, tefer to best 1.03 (building component safety information), published by the (truss plate institute, so 0.000frid dr. suite 200, modeso, at 1.53719) and butch (4000 truss council of arrea, 6300 enterprise La. Madison, at 1.53719) and butch (4000 truss council of arrea, 6300 enterprise La. Madison, at 1.53719) for safety practices prior to perform these functions, unless otherwise indicated to properly attached structural panels and bottom chord shall have a properly attached right celling.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DELIVATION FROM THIS DESIGN: ANY FAILING TO BUILD THE TRUSS IN COMPONANCE WITH 1PI:

BUSIGN COMPONES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFBA,) AND TPI.

CONNECTION PLATES ARE MADE OF 20/18/16GA, (M.H.S.Y.) ASTH AGS GAME 40/50 (W.K.H.S.) GAU, STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 16GA, 2. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 16GA, 2. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 16GA, 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKER AS OF PD17-2002 SEC.3. AS SEA, ON THIS DESIGN SHOWN.

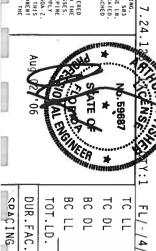
DRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLITY AND DESIGNEE PER ANKER ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANKER DESIGN SHOWN.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

haines City, FL 33844 heate of on # 567



	_					4
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	-/4/-/-/R/-
	SEQN- 11618	HC-ENG JB/AF	DRW HCUSR487 06214053	DATE 08/02/06	REF R487 40879	Scale =.5"/Ft.

24.0"

JRFF- 1SZF487 Z01

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

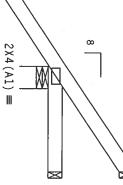
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

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

 $\infty$ 2X4(A1) = W R-29 U-180 R-10 U-180 8-0-0



1-6-0-≥

-0 Over 3 Supports

R-247 U-180 W-5.5'

PLT TYP. Alpine Engineered Products, Inc. Haines City, FL 33844 ALPINE Wave

Design Crit: TPI-2002(STD)/FBC  $\frac{Cq/RT=1.00(1.25)/10(0)}{7.}$ \*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACTING, REFER TO 8CS.1 1-03 (BUILDING COMPONENT SAFETY HEFORALTON), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, S83 0.000 TRUSS CONTROL OF AMERICA, 6300 ENTERRETES E. H., MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHOODS SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

\*\*\*IMPORTANT\*\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FALLURE TO BUILLD THE TRUSS IN COMPONANCE WITH PEL:

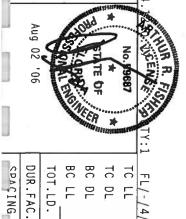
OF SIGN TO SHAD THE PEL: OR FABRICATION, MAND LING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMPONENS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFSA) AND TPI.

CONNECTOR PALES ARE ALGO OF 20/18/186A (H.H/S/S) ASTA MASS GRADE 40/50 (H. K/H.S) GALV, STEEL, APPLY TALTES TO EACH FACE OF TRUSS AND. DIMESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A Z.

ANY IMPRECIATION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A 30 TIPIZ-2002 SEC.3.

ASEALON THIS DESIGN SHOWN.

THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PP I SEC. 2.



DUR.FAC. 1.25	TOT.LD. 40.0 PSF	BC LL 0.0 PSF	BC DL 10.0 PSF	TC DL 10.0 PSF	TC LL 20.0 PSF	FL/-/4/-/-/R/-
	SEQN- 11617	HC-ENG JB/AF	DRW HCUSR487 06214008	DATE 08/02/06	REF R487 40880	Scale =.5"/Ft.

24.0"

JRFF - 1SZF187 Z01

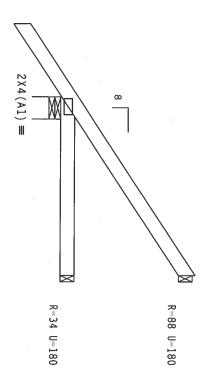
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

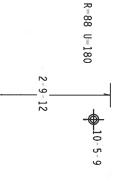
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

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

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





8-0-0

-1-6-0->--3-8-0 Over 3 Supports >-R=290 U=180 W=5.5\*

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALURE TO BUILD THE TRUSS IN CONFORMACE WITH PD!

OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AREA) AND TPI.

CONNECTION PLATES ARE MADE OF 20/18/15GA (M, H/S/K) ASTA MESS GADE 40/50 (M, K/H.S) GALV, STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICSS OTHERWISE COCALE ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A) DE TPI1-2002 SEC. 3. ASEA. ON THIS DESIGN SHOWN.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE DESIGN SHOWN.

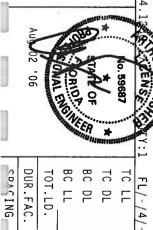
DESIGN SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/P) I SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 cate of A n # 567



			_		-	4-
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SEQN- 11616	HC-ENG JB/AF	DRW HCUSR487 06214009	DATE 08/02/06	REF R487 40881	Scale =.5"/Ft.

24.0"

JRFF 1SZF187 Z01

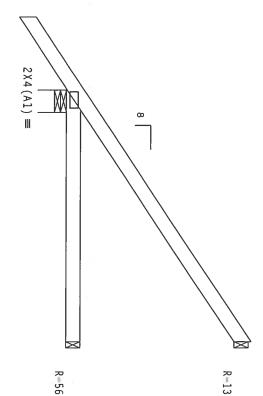
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense In lieu of structural panels or rigid ceiling use purlins to

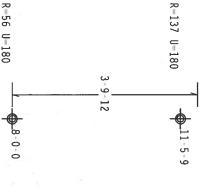
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

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

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





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

TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING.
RETER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISED BY TPI (RRUSS PLATE INSTITUTE. 583
D. OMOFRIO DE., SUITE ZOO., MADISON, NI 15275) AND HICA (MODOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN.
MADISON, NI 5375) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED.
TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

\*\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FACLURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FACLURE TO BUILD THE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. CHARGE AT HAT PET:

OESIGN COMPORNACE WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY ACEAD) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/19/6A, (M.H/S/M.) ASTH MASS GRADE 40/50 (M.K/H.S) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A. Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX A) OF TPIT-2002 SEC. 3.

ASSAULM STORMAN OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX A) OF TPIT-2002 SEC. 3.

ASSAULM STORMAN OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX A) OF TPIT-2002 SEC. 3.

ASSAULM STORMAN OF PLATES THAN ALL THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/PPI I SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

Haines City, FL 33844 Teate of / on # 567



SDACING

24.0"

JRFF- 1SZF487 Z01

	10	BC	ВС	0.10	70	H H
DUR.FAC.	TOT.LD.	F 	DL	TC DL	F	FL/-/4/-/-/R/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	1-/R/
	PSF	PSF	PSF	PSF	PSF	1
	SEQN-	HC-ENG	DRW нс	DATE	REF R	Scale
	11615	HC-ENG JB/AF	DRW HCUSR487 06214010	08/02/06	R487 40882	Scale =.5"/Ft.
			21401	/06	880	:

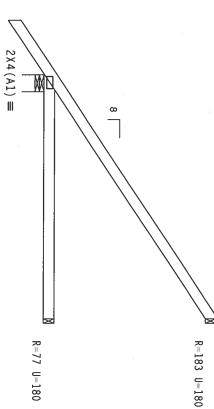
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

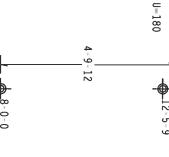
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

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





R=404 U=180 W=5.5"

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

PLT

TYP.

Wave

\*\*MARNING\*\* TRUSSES REGUIDE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING.

REFER TO BOSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), POBLISHED BY IPT (TRUSS PLATE INSTITUTE, 583
D'ONOTRIO DR., SUITE ZOOL MADISON, HI 53719) AND BITCA (MODO TRUSS COUNCIL OF AMERICA, 6300 EMPERRISE IN,
MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED,
TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DELICION FROM HIS DESIGN: ANY FALLURE TO BULLO THE FROUDETS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DELICING, HANDLING, SHPPING, INSTALLURG BRACTING OF RUSSES.

DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFRAY) AND TPI.

CONNECTOR PLATES ARE MADE OF 707/18/166A (M.H/S/K) ASTH A6S3 GRADE 40/50 (M.K/H.S) GALV, STEEL, APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERISE (DCATED ON THIS DESIGN, POSITION PER DRAWING, SIGOLA, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL MERGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

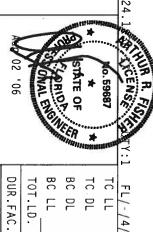
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 Cate of A n # 567



TOT.LD: 40.0 PSF   SEQN-	BC LL 0.0 PSF HC-ENG	BC DL 10.0 PSF DRW Hous	TC DL 10.0 PSF DATE	TC LL 20.0 PSF REF R4	FL/-/4/-/-/R/- Scale =
SEON- 11614	HC-ENG JB/AF	DRW HCUSR487 06214011	DATE 08/02/06	REF R487 40883	Scale =.375"/Ft.

SDACING

JREF-

1SZF187 Z01

24.0"

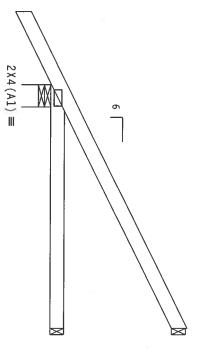
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

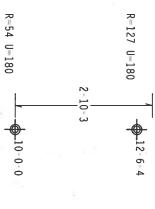
In lieu of structural panels or rigid ceiling use purlins to brace TC @  $24\mbox{"}$  OC, BC @  $24\mbox{"}$  OC.

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

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

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





**1**-6-0-✓ R=331 U=180 W=5.5" -5-0-0 Over 3 Supports

PLT TYP.

Wave

Design Crit: TPI-2002(STD)/FBC  $\frac{Cq/RT=1.00(1.25)/10(0)}{7.}$ \*\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BGS.1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'ONDÉRIO DR., SUITE 200. MADISON, HI \$52719, AND MICA (MODO TRUSS COUNCIT OF MERICA, 6300 ENTERPRISE LIM. MADISON, HI \$53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. MILESS OTHERWISE INDICATED. TOP GOODS SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED

\*\*\*IMPORTANT\*\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILED THE ROUGH FOR THIS DESIGN.

FROM THE PRODUCTS IN CONTRACT THE PROPERTY OF TH

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

ALPINE



SDACING	DUR.FAC.	TOT.LD.		BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZF487 Z01		SEQN- 11622	HC-ENG JB/AF	DRW HCUSR487 06214013	DATE 08/02/06	REF R487 40886

Scale =.5"/Ft.

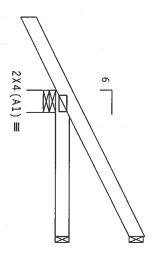
Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense

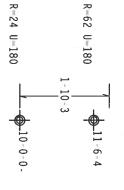
In lieu of structural panels or rigid ceiling use purlins to brace TC @  $24\mbox{\ensuremath{^{\circ}}}$  OC, BC @  $24\mbox{\ensuremath{^{\circ}}}$  OC.

Provide ( 2 ) 16d common nails  $(0.162^n \times 3.5^n)$ , toe nailed Provide ( 2 ) 16d common nails  $(0.162^n \times 3.5^n)$ , toe nailed at Top chord. at Bot chord.

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

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





**1**-6-0-**1** R=262 U=180 W=5.5\* 3-0-0 Over 3 Supports

TYP.

Wave

Design Crit: TPI-2002(STD)/FBC 7.

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MADILING. SUPPRISE, INSTALLING AND BRACING.

REFER TO BEST 1-03 (BUILDING COMPORMITY SAFETY INFORMATION), PUBLISHED BY 1PT (TRUSS PARTE INITITIES, SUBD'INDOFATO BR., SUITE 200, MAISON, MI 5379) AND MICA (MODO TRUSS COMMIT OF MERICA, 600 ENTERWRISE IN.

MADISON, MI 5379) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNICES OTHERWISE INDICATED.

TOP CHOOL SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOL SMALL MAYE A PROPERTY ATTACHED RIGID CEILING.

\*\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPONANCE WITH 1PD:

OESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI.

APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/16/6A (W.H./SY). ASTM AGSS GRANDE 40/50 (W. K.M.H.S) OALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 150A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A 30 F TPI; 2002 SEC.3.

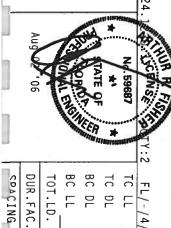
ACALD THIS SUITANT ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITANTIALITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

Haines City, FL 33844 ficate of / on # 567



$\sim$		/-/4/-/-/R/-	Scale =.5"/Ft.
	וכ רר	20.0 PSF	REF R487 40887
	TC DL	10.0 PSF	DATE
	BC DL	10.0 PSF	DRW HCUSR487 06214014
	BC LL	0.0 PSF	HC-ENG JB/AF
	TOT.LD.	40.0 PSF	-NO3S
	DUR.FAC.	1.25	

24.0"

JRFF- 1SZF187 Z01

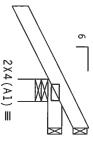
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

In lieu of structural panels or rigid ceiling use purlins to brace TC @  $24\ ^{\circ}$  OC, BC @  $24\ ^{\circ}$  OC.

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

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

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



R--56 U-180

₩ 10-0-0 10-6-4

0=10=3

 $2X4(A1) \equiv$ 

R--15 U-180

**★1.6-0-y** 

1-0-0 Over 3 Supports

R-254 U-180 W-5.5\*

TYP. Wave

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)7.
\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SUPPING. INSTALLING AND BRACING. REFER TO BCS1.1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY 17 (TRUSS PLATE INSTITUTE, S83 D'ONOFRIO BR. SUTIE 200. MADISON. WI 53719) AND MICA (MODO TRUSS COUNCE) OF APERICA. 6300 ENTERPRISE LN. MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP DOODD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN: ANY FAILURE TO BUILD THE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN. ANY FAILURE TO BUILD THE ROOM TO THE PROPERTY OF THE PROPERT

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

ALPINE



3

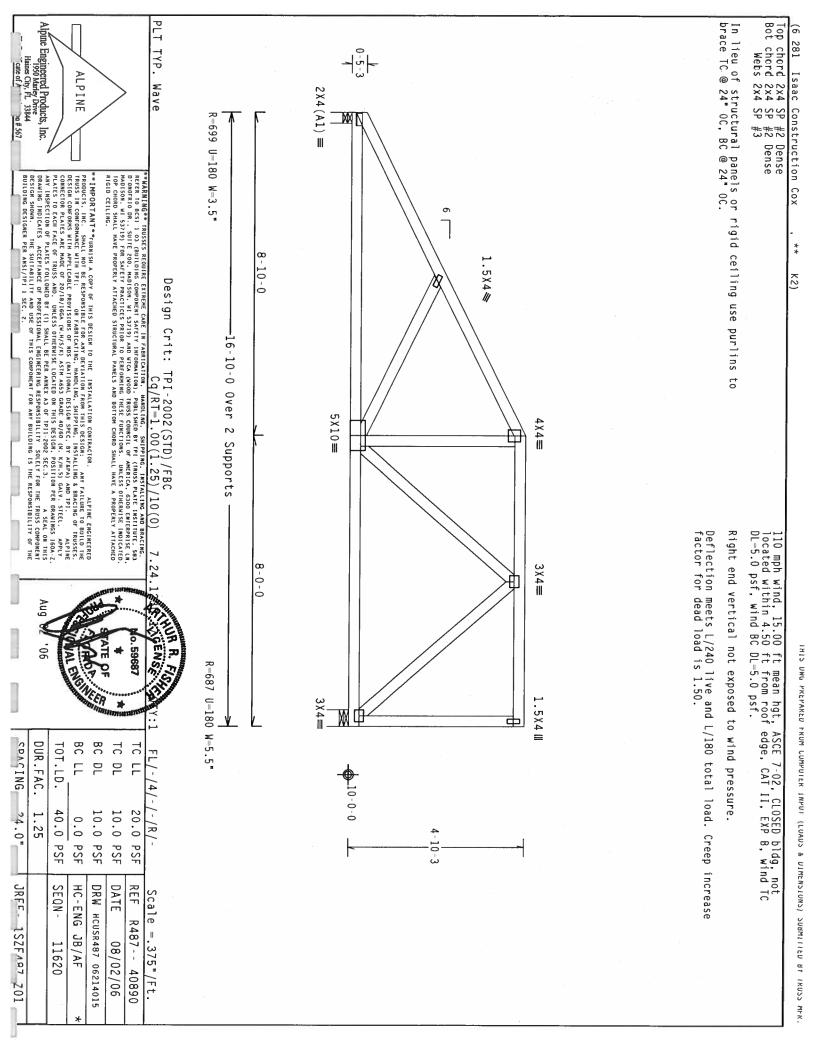
		BUIL	ER	*	artitle.	
	_		101575			12
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SEQN- 11624	HC-ENG JB/AF	DRW HCUSR487 06214055	DATE 08/02/06	REF R487 40888	Scale =.5"/Ft.

SDACING

24.0"

JRFF

1SZF187 Z01



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

Calculated horizontal deflection is 0.13" 0.21" due to dead load. due to live load and

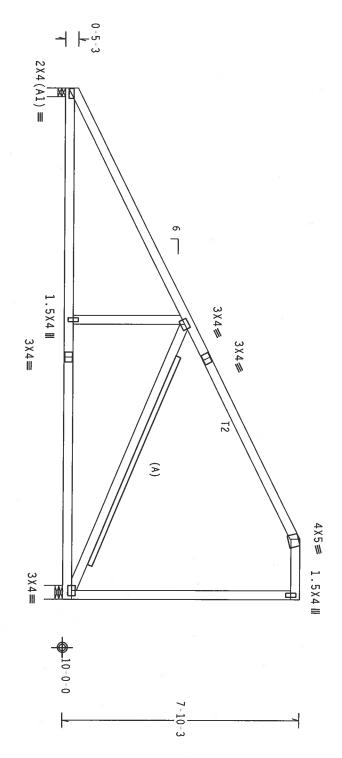
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

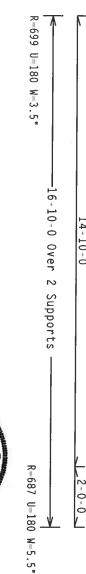
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

(A) 2x4 SP #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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





14 - 10 - 0

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200. HANDISON, HI 53719) AND MICKA (MODO TRUDS COUNCIL OF AMERICA, 6300 ENTERPRISE LIMMADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE (HOLDATED, TODO CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 25) /10(0)

PLT TYP. Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FALLINE TO BUILD THE ROBUSTS, IRC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLING TO BUILD THE TRUSS IN COMPONENCE WITH THE!

OF FABRICATING, HANDLING, SHEPPING, 1874 AEPA, AND TP!

CONNECTOR PALTES ARE ALGO OF 20/18/16/26, (M.H./5/4), ASTH MASS GRADE 40/50 (M.K.M.S) OALY. STEEL, APPLY PALTES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A. Z

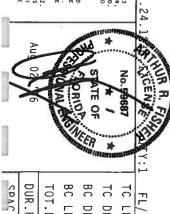
ANY 18FECTION OF PALTES FOLLOWED MY (1) SHALL BE PER ANNEX A OF FPILSORS SEC. A ASSEA. ON THIS DESIGN. THE SECOND OF PALTES OF THE SECOND OF THE SECOND OF PALTES OF THE SECOND OF THE SECOND OF PALTES OF THE SECOND OF PALTES OF THE SECOND OF PALTES OF THE SECOND OF THE DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. 1950 Marley Drive

ALPINE

RIGID CEILING.

Haines City, FL 33844 cate of A n # 567



							::
SDACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	-/-/R/-
JRFF- 1SZF187 ZO1		SEQN- 11627	HC-ENG JB/AF *	DRW HCUSR487 06214018	DATE 08/02/06	REF R487 40893	Scale =.3125"/Ft.

PLT TYP. Wave Note: All Plates Are 1.5X4 Except As Shown. Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Top Bot In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. See DWGS All015EE0405 & GBLLETIN0405 for more requirements. Alpine Engineered Products, Inc. 1950 Marley Drive chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 Haines City, FL 33844 Teate of / on # 567 Isaac Construction ALPINE \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PIE:

OF ARBECTALING, MANDLING, SHEPPING, INSTALLING & BRACING OF REUSSES, DESIGN COMPORMANCE WITH PIE:

OF ARBECTALING, WAS AND ASSTRAINED AND THIS DESIGN FOR A KIPAN, AND THIS DESIGN COMPORES, WITH APPLICABLE PROVISIONS OF NOS (WATIONAL DESIGN SPEC, BY AREAN) AND THIS COMPORED THE AREA AND THIS DESIGN FOR THIS DESIGN POSITION PER DRAWINGS IGNA-Z. ANY INSPECTION OF PLATES AND BY (1) SHALL BE PER ANNEX AS OF THIS POSITION OF PARTES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF THIS POSITION OF PARTES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF THIS POSITION OF THE THUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHALL BE PER ANNEX AS OF THIS POSITION OF THE THUS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BESI I D3. (BUILDING COMPONENT SARFIY INFORMATION). PUBLISHED BY IPI (TRUSS PLATE INSTITUTE, 593 D 'OMOFRIO DR., SUITE ZOO, MADISON, NI 53719) AND WITCA (MODD TRUSS COUNCIL OF AMERICA, SDO CHIEFRESE LH, MADISON, NI 53719) FOR SAFELY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2: 2X4(A1) =36 U=180 W=3.5" R=100 PLF U=20 PLF W=12-0-13 AP1 GE) Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 6-0-6 -23-3-10 16-0-5 3X4 6 Over 4 11-0-6 5 X 4 == Supports R=73 PLF U=18 PLF W=10-0-0 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. NUR R. FIG 4 X 4 == 0.59687 TATE OF IHIS DWG PREPARED FROM COMPUTER INPUT (LUADS & DIMENSIONS) SUBMITTED BY TRUSS MFR. 6 6-4-0 R=0 U=180 W=3.5" SDACING BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-3×4≡ 40.0 10.0 PSF 20.0 24.0" 10.0 PSF 1.25 0.0 PSF PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR487 06214058 JRFF-Scale =. R487-- 40895 1SZF187 Z01 JB/AF 11629 08/02/06 25"/Ft.

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

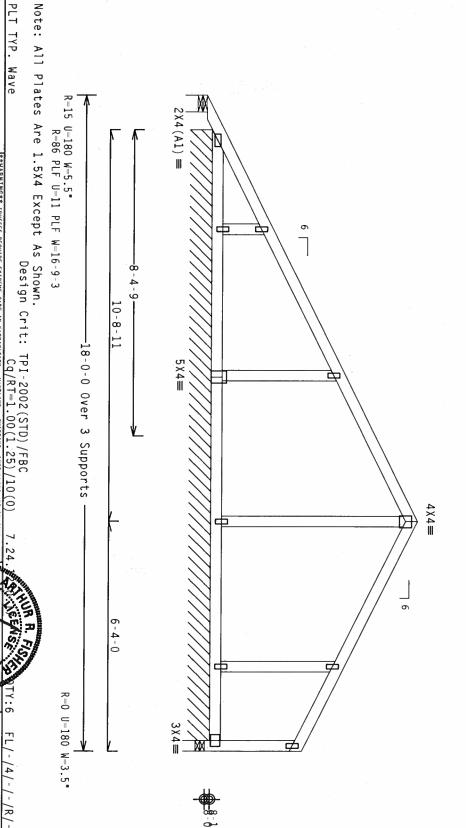
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24  $^{\circ}$  OC, BC @ 24  $^{\circ}$  OC.

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

Right end vertical not exposed to wind pressure

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



Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 \*\*HARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING.
REFER TO BESI I 03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583
0'OHOFRIO BR. SUITE 200. MADISON. HI 53719) AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE UN.
HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DHEES O'HERMISE INDICATED.
TOP PORDD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED
RIGID CEILING.

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: MAY FAILURE TO BUILD THE TRUSS IN COMPORNANCE HITH PIP!

OR FARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMPORNS HITH APPLICABLE PROVISIONS OF HIDS (MAIDANA DESIGN SPEC, BY AFRAD, AND TP).

AND INSTALLING SHE ARE AND OF 20/18/16/64, MY H/S/YA ASTH ASSES DEADE 40/50 (M. K/H S) GALLY. STEEL.

APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A.Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER HIGH RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE DESIGN SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. DESIGN SHOWN. THE S BUILDING DESIGNER PER

SNIJVOS	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1SZF487 Z01		SEQN- 11645	HC-ENG JB/AF	DRW HCUSR487 06214059	DATE 08/02/06	REF R487 40896

Scale

375"/Ft.

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. PLT TYP. Wave Note: All Plates Are 1.5X4 Except As Shown. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Alpine Engineered Products, Inc (6-281 - Isaac Construction Cox chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 Haines City, FL 33844 incate of ion # 56 ALPINE R=16 2X4(A1) =U=180 W=5.5" R-86 PLF U-8 PLF W-21-5-6 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERD PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALURE TO BUILD THE REQUEST.

BROOMERS IN COMPORNANCE WITH FIT:

OF FABRICATING, MANDLING, SHIPPING, INSTALLING & BBACING OF REUSSES,

DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFERA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/160A (M. M.Y.SY). ASTH MASS GRADE 40/50 (M. K.M. S) GALV. STEEL. APPLY

DATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 150A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC. 3. A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL REGISHERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE ANY INSPECTION OF PLATES FOLLOWED
DRAWING INDICATES ACCEPTANCE OF
DESIGN SHOWN. THE SUITABLUTY
BUILDING DESIGNER PER ANSI/TPI I \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. RETER TO BEST 1-05 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FP1 (TRUSS PLATE INSTITUTE, 593 D'OMOFRIO BR. SUITÉ ZOO. MAISON, HI 53719) AND WICE NEON BY THE CANDESCE LM, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED. TOP CHORD SHALL MAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL MAVE A PROPERLY ATTACHED RIGID CEILING. \* AP3) Design Crit: TPI-2002(STD)/FBC 10-8-11 10-8-11 Cq/RT=1.00(1. -23-4-0 Over 3 Supports 4 X 4 ≡ .25)/10(0) 3×4≡ 110 mph wind, 15.00 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. .0-8-11 lo. 59687 INIS UNG PREPAREU FROM COMPUIER INPUI (LUAUS & DIMENSIONS) SUBMIIIEU BY IROSS MFR ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC BC LL BC DL TC DL DUR.FAC.  $T_{C}$ TOT.LD. FL/-/4/-/-/R/-2X4(A1) = R-16 U-180 W-3.5' 40.0 1.25 20.0 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF REF SEQN-DATE DRW HCUSR487 06214060 HC-ENG Scale R487--=.3125"/Ft. JB/AF 11646 08/02/06 40897

SPACING

24.0"

JRFF 1SZF487\_Z01

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

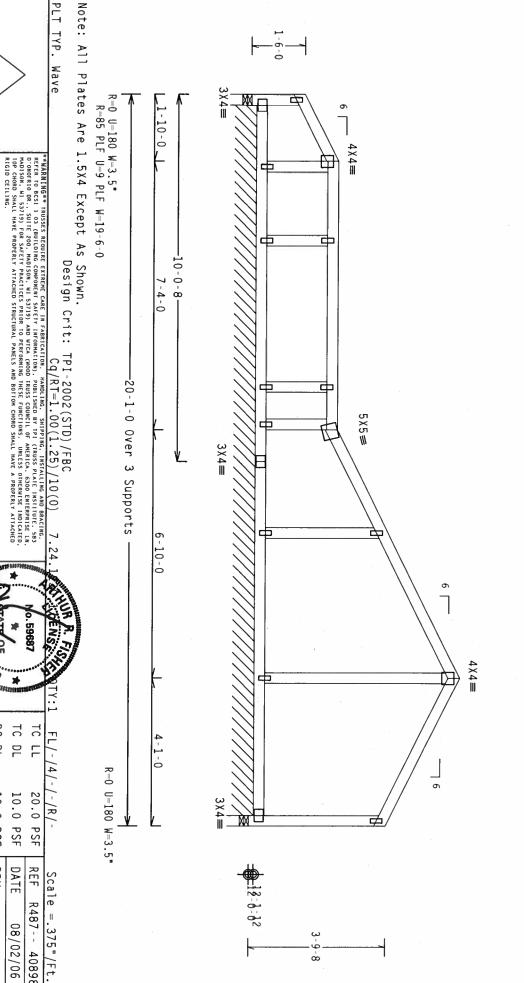
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for details. PORTION OF TRUSS UNDER PIGGYBACK IS BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 15.66 ft mean hgt, ASCE 7-02, CLOSED bld located within 4.50 ft from roof edge, CAT II, EXP B, DL=5.0 psf, wind BC DL=5.0 psf. B, wind TC

Right end vertical not exposed to wind pressure

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



Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 Scate of / bn # 567

DESIGNER PER

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND LIFE FOR MAY DEVIATION ROW HIS DESIGN. ANY ALLURE TO BUILD THE ROBOUCTS, INC. SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION ROW HIS DESIGN. ANY FALLURE TO BUILD THE IRUSS IN CONFORMANCE HITH PPI:

OESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NIDS (MATIONAL DESIGN SPEC, BY AREAN) AND IPI. APPLICABLE PROVISIONS OF NIDS (MATIONAL DESIGN SPEC, BY AREAN) AND IPI. APPLY CONFORMS AND CORPORED AND LOSS GRADE AND ADDITION OF ROBALINGS BOAD AND ADDITION OF PROVISION OF THIS DESIGN. POSITION PER BRAHINGS BOAD.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNY XA DO IPII-ZOOZ SEC 3. A SEA, ON THIS DESIGN. POR THE TRUSS COMPONENT

BC LL BC DL

TOT.LD.

PSF

SEQN-

HC-ENG

JB/AF 11652

TC DL

10.0 PSF 20.0

DATE REF

08/02/06 40898

R487--

10.0 PSF 0.0 PSF

DRW HCUSR487 06214061

SPACING DUR FAC

24.0"

JRFF - 1SZF487 Z01

1.25 40.0

32 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT IG IS THE RESPONSIBILITY OF THE

Top p chord 2x4 SP # t chord 2x4 SP # Webs 2x4 SP # #2 Dense #2 Dense #3

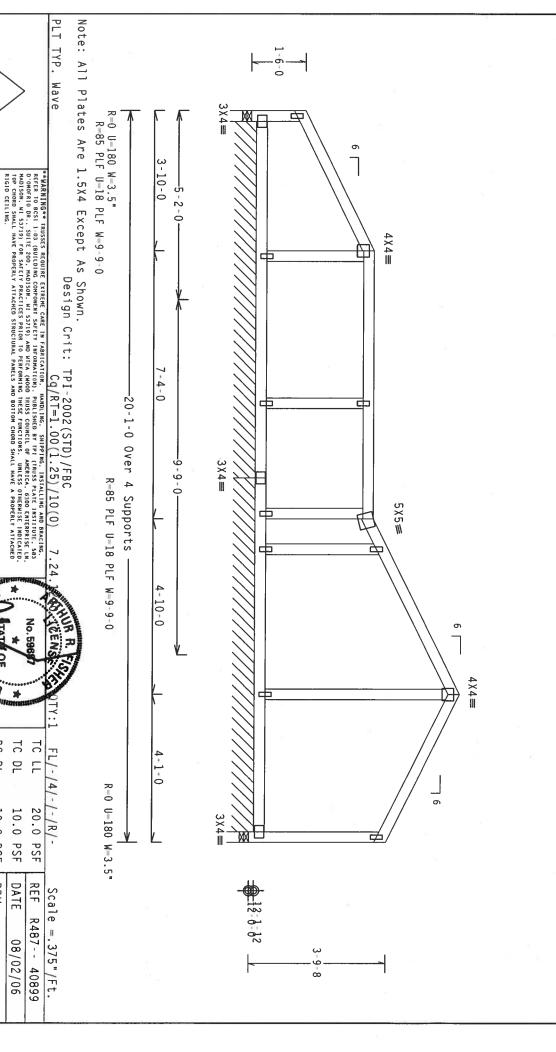
110 mph wind, 15.66 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Right end vertical not exposed to wind pressure.

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for details. PORTION OF TRUSS UNDER PIGGYBACK IS BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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



Alpine Engineered Products, Inc.

DRAWING INDICATES

HOWN. THE SUITABILITY AND USE OF THIS DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI:

OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFEPA) AND TPI.

ALPINE CONNECTOR PLATES ARE HADE OF 20/18/16/36 (M.H./S/K) ASTH AGS) GANDE 40/50 (M.K./M.S) GALV, SIEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.Z

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF TPI1-2002 SEC.3. A SEALON THIS

N. POSITION PER DRAWINGS 160A-Z
02 SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
NG IS THE RESPONSIBILITY OF THE

90

SPACING DUR.FAC.

24.0"

JRFF- 1SZF487 Z01

BC LL BC DL TC DL

TOT.LD.

40.0

PSF

SEQN-HC-ENG

1.25

No. 59

TC LL

20.0

PSF

R487-- 40899

10.0 PSF

DATE REF

08/02/06

10.0 PSF 0.0 PSF

DRW HCUSR487 06214062

JB/AF 11655

Haines City, FL 33844
Cicate of 2 on # 567

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

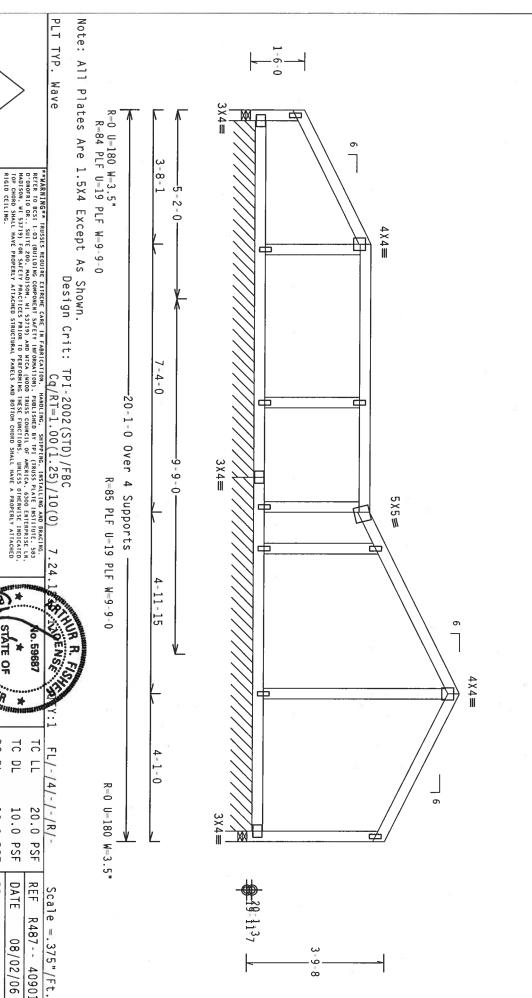
In lieu of structural panels or rigid ceiling use purlins brace TC @ 24" OC, BC @ 24" OC. to

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24° OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 23.62 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure

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



Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

DESIGN SHOWN. THE : BUILDING DESIGNER PER DRAWING INDICATES AC

PLATES TO EACH FACE OF TRUSS AND. UI

ALPINE

\*\*IMPORTANT\*\*\*UNNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE OBSILO THE RUSS IN COMPONENTE HITH PI: ON FARRICATING, HANDLING, SHIPPHIG, INSTALLING BERACING OF TRUSSES. DESIGN COMPONENT HITH APPLICABLE PROVISIONS OF MDS (MAITONAL DESIGN SPEC, BY AFRA) AND IPI. APPLICABLE ON THE APPLICABLE PROVISIONS OF MDS (MAITONAL DESIGN ROPE, BY AFRA) AND IPI. APPLY CONNECTION PALIFIES ARE MADD OF 20/18/166A (M-1/4/5) ASIM AGS GRADE 00/50 (M-1/4/5) DESIGN, POSITION PER REMAINGS 160A-7.

STATE OF

AOINO.

BC LL

0.0

PSF PSF

HC-ENG

JB/AF

TOT.LD.

40.0 1.25

PSF

SEQN-

120370

BC DL TC DL

10.0

DRW HCUSR487 06214079

10.0 PSF

DATE REF

08/02/06

lo. 59687

C

20.0

PSF

R487-- 40901

D BY (1) SHALL BE PER ANNEX A3 OF TPII-2002 SEC.3
PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY!

OF TPI1-2002 SEC.3. A SEAL ON THIS DHSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

90'

SPACING

24.0"

JRFF-

1SZF487 Z01

DUR.FAC.

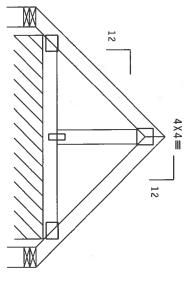
Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24  $^{\circ}$  OC, BC @ 24  $^{\circ}$  OC.

Refer to DWG PIGBACKA0405 or PIGBACKB0405 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

IIU mpn wing, 23.33 it mean ngt, Abet /-uz, chubtu biug, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

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





R=-3 U=180 W=4.95" R=87 PLF U=43 PLF W=4-2-2 -5-4-0 0ver ω Supports R--3 U-180 W-4.95\*

3X4(B1) =

1.5X4 III

3X4(B1) =

-2-1-1-2-1-1

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

TYP.

Wave

RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

\*\*PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN:

ROUSE IN COMPONANCE WITH FET:

OBSIGN COMPONENS WITH APPLICABLE PROVISIONS OF MIDS (MAIDING, SHIPPING, INSTALLING & BRACING OF TRUSSES).

DESIGN COMPONENS WITH APPLICABLE PROVISIONS OF MIDS (MAIDING, SHIPPING, INSTALLING & APPLICABLE OF ZO/J8) JGGA (W.H.S/S), AND AND THE CONNECTION PAIRS ARE APPLICABLE OF ZO/J8) JGGA (W.H.S/S), ASTH MASS JGRADE 40/J60 (M.K.M.S), AGALV. STEEL.

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION FER BRAVINGS 160A Z.

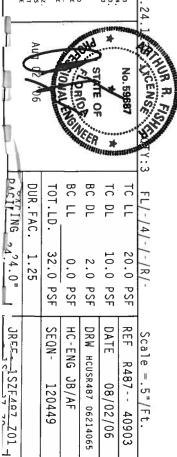
APPLICATION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERE AS OF FPII-ZOOZ SEC.3.

ASSAL ON THIS
DESIGN SHOME.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER AMSIJIPI 1 SEC. 2.

Alpine Engineered Products, Inc.
19°7 Marley Drive
Hai & City, FL 33844
At of A 567

ALPINE



Bot chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2: PLT TYP. Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

AND PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROW THIS DESIGN: ANY FALLURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROW. SHEPPING, INSTALLING & BRACING OF RUSSES, DESIGN CONFORMANCE WITH PPIL CABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AREAD, AND PPI. APPING CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AREAD, AND PPI. APPING CONFORMS AND DESIGN OF 20/18/166A, (AH.1/5/24), ASTH AGSS GANDE 40/60 (M. K/H.5) CAULY STEEL. APPLY DELTES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS BOAD. AND THIS DESIGN OF PRICE SECONDARY OF PRICE SECONDARY STEEL. AND THIS DESIGN. AND THIS DESIGN. AS A SEAL ON THE DESIGN. AS BUILDING DESIGNER PER ANSI RIGID CEILING. K1-6-0 2X4(A1) =R=571 U=180 W=3.5\* Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25) BY (1) SHALL BE PER ANKEX A3 OF TP11-2002 SEC. 3. A SEAL ON THIS PROFESSIONAL ERIOMEERING RESPONSIBILITY SOLETY FOR THE TRUSS COMPONENT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE -11-5-8 Over 2 Supports 1.5X4 III 3×4 € /10(0)Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. R-463 U-180 W-5.5" 3X4(R) ₩ 3 X 4 ≡ 2.5X6= CENS 10-0-0 \* 0-15 SDACING BC LL BC DL TC LL TC DL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 1.25 24.0" 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF PSF REF SEQN-DATE JRFF- 1SZF187 Z01 HC-ENG DRW HCUSR487 06214067 Scale =.3125"/Ft. R487-- 40905 JB/AF 08/02/06 11650

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lop chord 2x4 SP #2 Dense Bot chord 2x8 SP SS Webs 2x4 SP #3 :W3 2x4 SP #2 Dense: :Rt Bearing Leg 2x6 SP #2: PLT TYP. (A) Continuous lateral bracing equally spaced on member ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN: ANY FACTURE TO BUILD THE IROSS IN CONFORMANCE MITH MPI.

OESIGN CONFORMACE MITH MPI.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ASFA) AND TPI.

CONNECTOR PLATES ARE HADE OF 20/18/160A (M H.5/M) ASTA MASS DEADOR 40/50 (M K.M.S. STELL)

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED DN THIS DESIGN, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (T) SHALL BE PER ANNEX AS OF PPI1-2002 SEC.3.

A SEAL ON THIS DRAWING INFORMED BY (T) SHALL BE PER ANNEX AS OF PPI1-2002 SEC.3.

A SEAL ON THIS DRAWING INFORMED BY (T) SHALL BE PER ANNEX AS OF PPI1-2002 SEC.3.

A SEAL ON THIS DRAWING INFORMATION OF THE THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BESI 1-05 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHEGG BY FPI (TRUSS PLATE INSTITUTE, 593
D'OMOFRIO BR. SUITE ZOO. MALISON, 41 S3719) AND WICA (MODO TRUSS COUNCIL OF AKERICA, 3000 ENTERPAISE LH.
MADISON, 41 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED.
TOP CHROND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED
RIGID CEILING. K1-6-0 4X5(A1) =R-1605 U-202 W-3.5" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 6 11-5-8 Over 2 Supports 4X12 III 8X8 BB BB TC In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. Right end vertical not exposed to wind pressure. SPECIAL LOADS  $\Xi$ R-2571 U-252 W-5.5\* 5X10(R) W (LUMBER From 6 From 2 6X6(R) ₩ 3 2.5X6≡ 2458 LB Conc. Load at 684 LB Conc. Load at 10-0-0 t =1.50 to t =1.50 to t 0.00 to oad at 7.06 oad at 9.06 12-0-0 4-0-15 PLATE DUR.FAC.=1.25) 62 PLF at 11.46 4 PLF at 0.00 20 PLF at 11.00 BC DL TC DL TC LL TOT.LD. FL/-/4/-/-/R/-40.0 20.0 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF REF DATE HC-ENG DRW HCUSR487 06214068 Scal le =.3125"/Ft R487--JB/AF

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

UCSIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

SPACING DUR.FAC.

24.0"

JRFF-

1SZF487 Z01

120505

08/02/06

40906

1.25

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Alpine Engineered Products, Inc. Haines City, FL 33844 Ficate of ! 'on # 567 ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPONANCE WITH IP THE FOR THIS PRODUCT OF TRUSSES, DESIGN COMPONES WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY ATERA) AND TP1. DESIGN COMPONES WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY ATERA) AND TP1. DESIGN FOR THIS ARE AND OF POPERS OF PROPERS OF THE PROVISION FOR THIS DESIGN POSITION PER DRAWHINGS 160A Z. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNERS AS OF PD1 Z-002 SEC J. AS SEA, ON THIS DESIGN SHOULD BE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOULD BE SECONE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOULD BE SECONE PER ANSI/FPI I SEC. Z. \*\*\*MARNING\*\* TRUSSES BEQUIBE EXTERNE CARE IN FABRICATION, MANDLING, SHEPHIG, INSTALLING AND BRACHING.
REFER TO BEST 10-03 (BULLONG COMPORED SAFETY HOROMATION), PUBLISHED BY TPI (TRUSS PARE INSTITUTE; 593
D'ONDEFIC DR., SUITE 200, MADISON, MI 53719) AND HEA MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN,
MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESS CHURCITONS. UNICESS CHERNASE INDICATED.
TOP CHOSD SHALL MAKE PROPERTY ATTACHED STRUCTURAL PARELS MD BOTTOM CHORD SHALL MAYE A PROPERTY ATTACHED RIGIO CEILING. **1**-6-0-**√**  $2X4(A1) \equiv$ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) M R-408 U-180 W=3.5" 6 -7-0-0 Over 2 Supports Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC Dt=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. R=269 U=180 1.5X4 Ⅲ JCE/ISE 3 - 10 - 3SPACING BC DL DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/-40.0 1.25 24.0" 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF SEQN-DATE REF JREE- 1SZF187 ZO1 HC-ENG DRW HCUSR487 06214019 Scale =.5"/Ft. R487-- 40907 JB/AF 120326 08/02/06

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Rt Bearing Leg 2x4 SP #3: Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. PLT TYP. Alpine Engineered Products, Inc. Haines City, FL 33844 Ficate of / on # 567 ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS. IRC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPONANCE WITH IFF!

OESIGN COMPONANCE WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFRAPA) AND TP!

CONNECTION PARTES ARE MADE OF 20/18/16/GA (M-M/S/F) ASTIM AGES GRADE 40/50 (M. K/H.S) GAU. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 160A-Z.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNER X 30 F PPI-2002 SEC.3. ASSIA, ON THIS DESIGN SOCKETANCE OF POPEESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BEST 1:03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 0:000FRIO BR. SUITE 200. MADISON, HI 53719) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM. MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **1**-6-0-✓ 2X4(A1) =Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) R-402 U-180 W-3.5" MX φ 7-0-0 Over 2 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. R-269 U-180 1.5X4 III 3X4(R) N CENSE 2X4= + 12-0-0 CORIOT TATE OF 90, 10-0-0 ω 1 - 10 - 3BC DL DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/-20.0 40.0 1.25 24.0" 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF SEQN-DATE REF JRFF- 1SZF187 Z01 HC-ENG JB/AF DRW HCUSR487 06214069 Scale =.5"/Ft. R487-- 40908 11696 08/02/06

SDACING

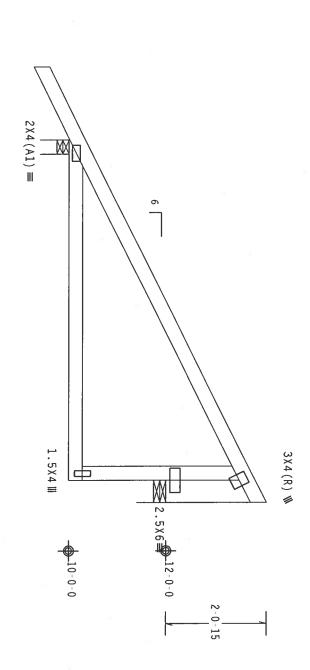
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2:

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)
7.

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BCS! 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONOTRIO BG., SUITE 200. MOJISON, MI 53719) AND HICA (MOD) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONOTRIO BG., SUITE 200. MOJISON, MI 53719) AND HICA (MOD) TRUSS CONCILL OF MRETICA. 5300 ENTERPRISE IN MOJISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. MULESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONTROBANCE WITH FPI:

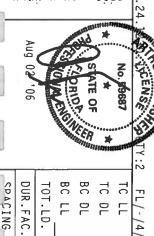
OR FARBLACHIG, MANDLING, SMIPPING, INSTALLING & BRACING OF RUSSES, DESIGN CONTROBAS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL) DESIGN SPEC, BY AFAPA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/139/166A (M. H/S/K), ASTH AGS GRADE 40/560 (M. K/H.S) GAUV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHES FOLLOWED BY (1) SMALL BE PER AMERY AS OF TPI 1-2002 SEC. 3.

AS AS ALON THIS SECION OF PLATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844

ALPINE



				*******	SEMP44.	7:7
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/-
	SEQN- 11653	HC-ENG JB/AF	DRW HCUSR487 06214070	DATE 08/02/06	REF R487 40909	Scale =.5"/Ft.

24.0"

JRFF- 1SZF187 Z01

Top chord 2x4 SP # Bot chord 2x6 SP # Webs 2x4 SP # 8C SPECIAL LOADS PLT TYP. Alpine Engineered Products, Inc. Haines City, FL 33844 --(LUMBER DUR.FAC.=1.25) PLATE DUR.FAC.=1.25) From 62 PLF at =0.00 to 62 PLF at 10.00 From 20 PLF at 0.00 to 20 PLF at 9.88 294 LB Conc. Load at 5.77 ALPINE Wave #2 Dense #1 Dense #3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE RESONS IN COMPONANCE WITH THE!

OESTICA COMPONES WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AFRADA) DTP:

OESTICA COMPONES WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY AFRADA) AND TP:

CONNECTOR PALIES ARE MADE OF 20/18/18/CAG, (M.H./S.Y.) ASTM MASS GAADE 40/50 (W. K.Y.H.S.) OALV. STEEL. APPLY

PALTES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRAHMOS 160A-Z.

ANY HISPECTION OF PALTES FOLLOWED BY (1) SHALL BE PER ANKEX A 30 F TPI1-2002 SEC.3.

ASSAL ON THIS DESIGN SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSICAL SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'OMOFRIO BN. SUITE 200, MADISON, MI 53719) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LH, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. 2X4(A1) =-566 U=180 W=3.5" Design Crit: -10-0-0 Over 2 Supports 9 TPI-2002(STD)/FBC Cg/RT=1.00(1.25)/10(0) 2X4 III 3X4# In lieu of structural panels or rigid ceiling use brace TC @ 24" 0C, BC @ 24" 0C. Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 5.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 3×4≡ 1.5X4 III **λ**... R-659 U=180 10-0-0 TATE OF **6.59687** BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/ 20.0 1.25 40.0 24.0" 10.0 PSF 0.0 10.0 PSF purlins PSF PSF PSF JRFE-DATE REF SEQN-HC-ENG DRW HCUSR487 06214071 Scale =.375"/Ft. R487--1SZF/87 Z01 JB/AF 11664 08/02/06 40910

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

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

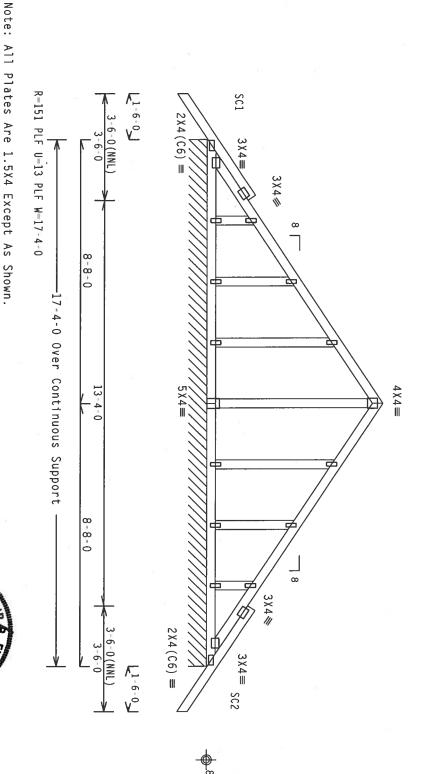
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements

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



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.

\*\*WARNING\*\* TRUSSES REQUIRE EXTRINE CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.

REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY PROTECTION. HANDLING. SHIPPING, INSTALLING AND BRACING.

COMPRESS OF SAFETY PRACTICES PRIOR TO REPROMENTED HIS COUNCIL OF AMERICA. 6300 ENTERPRISE LIN.

HADLSON, MI 53719) FOR SAFETY PRACTICES PRIOR TO REFORMING THESE FUNCTIONS. UNICESS OTHERWISE MODION CHORD SHALL HAVE A PRODERLY ATTACHED

TOP. CHORD. SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

PLT TYP.

\*\*IMPORTANT\*\*\*CHRNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERD PRODUCTS, INC. SHALL MOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IN PI.

DESIGN COMPORMACE WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI.

ALPINE CONNECTION PLATES ARE MOS OF 20718/166A (\*H.Y.K) ASTH ASS GRANDE 40760 (\*H.Y.H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE (COACIED ON HIS DESIGN, POSITION PER BRANHOS 160A. Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AJ OF THIS DESIGN, POSITION PER BRANHOS AND LOSS GRAND HIS DESIGN SHOWN.

THE SUITABLILLY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Alpine Engineered Products, Inc.

ALPINE

RIGID CEILING.

Haines City, FL 33844

No.59888 TC LL
No.59888 TC DL
BC DL
BC LL
TOT.LD.
DUR.FAC.
SPACING

				/United	igitere.	\. :1
DIIR FAC	TOT.LD.	BC LL	BC DL	TC DL	דכ רר	FL/-/4/-/-/R/
1 25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	/-/R/
	PSF	PSF	PSF	PSF	PSF	7.53
100000000000000000000000000000000000000	-ND3S	AV/86 BNA-OH	DRW Hous	DATE	REF R4	Scale =
	120509 REV	JB/AF	DRW HCUSR487 06214072	08/02/06	R487 40911	Scale =.3125"/Ft.
	REV		1072	6	11	[ <del>.</del>

24.0"

JRFF- 1SZF487 Z01

Top chord Bot chord Webs In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. (A) Continuous lateral bracing equally spaced on member. PLT TYP. Alpine Engineered Products, Inc. 1950 Marley Drive Hames City, FL 33844 d 2x4 SP #2 Dense d 2x4 SP #2 Dense s 2x4 SP #3 ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ARY FALLING TERESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ARY FALLING TO BUILD THE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

BESIGN COMPORMANCE WITH FEI:

BESIGN COMPORMANCE WITH APPLICABLE FOR PAYSISONS OF HIS SCHAFING, SHAPPING, SHIPPING, INSTALLING & BRACING OF FRUSSES, DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF HIS SCHAFINGAL DESIGN SPEC, BY AFERA) AND TPI.

CONNECTION PLATES ARE MADE OF ZO/19/166A (4) H/5/2/A) ASTH MASS GRADE 40/50 (4, K/H.S) GAUV. SIEEL.

APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FER DRAMINGS 160A Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKER AS OF FPIT-2002 SEC.3.

ASSLA ON THIS DESIGNED ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. Z. 1-6-0 2X4(A1) =R=790 U=180 W=3.5" Design Crit: 1.5X4 / TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 16-5-8 Over 2 Supports 3X4≢ 3×4≡ 3 X 4 ≡ 3X4# Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. R-666 U=180 W=5.5"  $\widehat{\mathbb{R}}$ 1.5X4 III 3 X 4 ≡ 0.59687 BC DL TC DL TC LL SDACING DUR.FAC. TOT.LD. α FL/-/4/-/-/R/-6-15 1.25 40.0 24.0 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF PSF REF DATE JREE 1SZF 197 Z01 SEON-HC-ENG DRW HCUSR487 06214020 Scale =.25"/Ft. R487---JB/AF 11621 08/02/06 40912

Top chord Bot chord Webs In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Alpine Engineered Products, Inc. PLT TYP. (A) Continuous lateral bracing equally spaced on member. ALPINE 2x4 SP 2x4 SP 2x4 SP Wave #2 Dense #2 Dense #3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY JAINE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY JAINERE TO BUILD THE FRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIALING REPORT HIS DESIGN: MAY JAINER TO BUILD THE TRUSS IN CONFORMANCE WITH TPI;

OF SHEAT THE PROPERTY OF THE PROPERTY OF THIS DESIGN FOR SHEED AND TRIE. ALPHAE COMPECTED PAIRST ARE MADE OF ZO/JAJJAGA (M-H/S/Z) ASTH MASS GRANDE 40/50 (M-K/H-S) AGAV. STEEL APPLY DELIVES ARE MADE OF ZO/JAJJAGA (M-H/S/Z) ASTH MASS GRANDE 105 AGA. POSITION PER DAMBHOS 150A-Z.

ANY INSPECTION OF PLATES TO LACH FACE OF TRUSS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DAMBHOS 150A-Z.

ANY INSPECTION OF PLATES TO LOCATE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE PROPESSIONAL PROPESSIONAL PROPESSIONAL PROPESSIO \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'OMOFRIO BR. SUITE 200. MADISON, HI 53719) AND MICA (MODO TRUSS COUNCIL OF MERICA, 6300 ENTERPRISE LM, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT CEILING. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 1-6-0 3X4(A1) =R-865 U-180 W-3.5" Design Crit: 6 18-3-12 Over 2 Supports 1.5X4// TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 3×4 **/** 5 X 4 ≡ 3X4# R=743 U=180 W=7.778" Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.  $\Xi$ 3 X 4 ≡ 2 X 4 Ⅲ . 5968 9 BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/ 20.0 40.0 10.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF SEQN-DATE REF DRW HCUSR487 06214021 HC-ENG Scale = .1875"/Ft. R487--JB/AF 11635 08/02/06 40913

Haines City, FL 33844
FT Cortificate of Arthurision # 567

SDACING

24.0"

JRFE- 1SZF197 Z01

Bot chord 2x4 SP Hebs 2x4 SP H :Rt Alpine Engineered Products, Inc. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) Continuous lateral bracing equally spaced on member op chord 2x4 SP #2 Dense of chord 2x4 SP #2 Dense Webs 2x4 SP #3 %t Bearing Leg 2x6 SP #2: Haines City, FL ALPINE Wave 33844 ion # 567 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROUSES.

ROUSES IN CONFORMANCE WITH FEI: OR FABRICATION, HANDLING, SHIPPING, INSTALLING BRACING OF TRUSSES, DESIGN CONFORMANCE WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AREA) AND TPI. APPING CONNECTOR PLATES ARE HAND OF 20/189/366A (M.H.574), ASTH MASS GRANDE 40/50 (M.K.H.5) CAULY STEEL. APPING TO EACH FACE OF TRUSS AND, JUMESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PDIT-2002 SEC. 3. A SCAL ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE RIGID CEILING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. \*WARNING\*\* TRUSSES REQU 1 6 0  $3X4(A1) \equiv$ R-1034 U-180 W-3.5" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1.5X4// -22-9-8 Over 2 Supports 3×4/ 3 X 4 ≡ 3 X 4 **=** 3X4# In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf. 4 X 4 ≡ 4 X 8 ≡ R-934 U=180 W-5.5" 2.5X6≡ 2 X 4 III 5×6≡ CENSE No. 59687 90 10-0-0 SDACING BC DL DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/-40.0 1.25 24.0" 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF REF SEQN-DATE JR.FF- 1SZF187 Z01 HC-ENG DRW HCUSR487 06214073 Scale = .1875"/Ft. R487--JB/AF 11644 08/02/06 40914

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Alpine Engineered Products, Inc. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. Haines City, FL 33844
FT Considerate of Authorizing # 567 ALPINE #2 Dense #2 Dense #3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ANY FALLING TERESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLINGE TO BUILD THE PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLINGE TO BUILD THE RUSSES IN COMPONANCE WITH HPI:

OF PABRICATING, MANUAL THE PRODUCTIONS OF NOS (MATIONAL DESIGN SPEC, BY ATREA) AND TPI.

APPLY DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATREA) AND TPI.

CONNECTOR PLATES ARE ANDE OF 20/18/18GA (M-M/SYS) ASTH AGSS GANDE 40/50 (M. K/M.S) GAUL. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRANTHOS 150A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A 30 T FPI 2002 SEC.3.

ASEAL ON HITS DESIGN OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A 30 T FPI 2002 SEC.3.

ASEAL ON HITS DESIGN OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A 30 T FPI 2002 SEC.3.

ASEAL ON HITS DESIGN OF PLATES FOR THE TRUSS COMPONENT PROPERTY OF THE TRUSS COMPONENT PROPERTY O \*\*MANNING\*\* PRISSES REDUIRE EXTREME CARE IN FABRICATION, PHABULING. SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-03 (BULIDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (RUSS PLATE INSTITUTE. 583 0-000FRIO BR. SUITE 200. ANDISON, WI 53719) AND WICA (4000) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LW. HAGISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLECY FOR THE RUSS COMPONENT OBSIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 1-6-0 2X4(A1) =R-762 U-180 W-3.5" Design Crit: 1.5X4/ 15-9-8 Over 2 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 3X4€ 3 X 4 ≡ 3X4# Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ R-639 U-180 W-5.5" 1.5X4 III 3×4≡ 5. 59687 10-0-0 α BC DL BC LL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/--15 40.0 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR487 06214022 Scale = .25"/Ft. R487-- 40915 JB/AF 11643 08/02/06

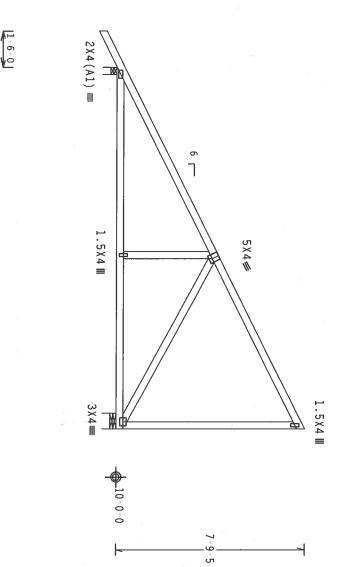
SPACING

24.0"

JRFF- 1SZF197 Z01

Bot chord 2x4 SP #
Webs 2x4 SP # In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. #2 Dense #2 Dense #3 Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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





\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST I-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 0 "ONDERIO BR. SUTIE 200, MADISON, MI 53719) AND MICA (MOOD RUSS COUNCIL OF ANGRICA, 6300 ENTERPRISE IM, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE ROSS IN CONFORMACE WITH PET:

BUSIGN CONFORMS WITH APPLICABLE PROVISIONS OF THOS (MATIONAL DESIGN SPEC, BY ATERA) AND TPI.

APPLICABLE FROM STATE AND LOCABLE PROVISIONS OF THIS COSTONAL DESIGN SPEC, BY ATERA) AND TPI.

CONNECTION PLACES ARE MADE OF ZO/193/166A (M-H/S/Y). ASTM AGSS GRANDE A0/50 (M. K/H.S) CALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY JUSTECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1 2002 SEC. 3.

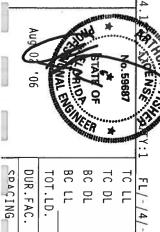
ANY JUSTECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1 2002 SEC. 3.

AS EACH OF THIS STATEMENT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE TRUSS COMPONENT DESIGN SHOWN.

HE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Alpine Engineered Products, Inc. Haines City, FL 33844 Tcate of A n # 567

ALPINE



(2) Y 1	FL/-/4/-/-/R/	/-/R/-	Scale = .25"/Ft.
,	TC LL	20.0 PSF	REF R487 40916
^  ≯	TC DL	10.0 PSF	DATE 08/02/06
EER	BC DL	10.0 PSF	DRW HCUSR487 06214023
No.	BC LL	0.0 PSF	HC-ENG JB/AF *
•	TOT.LD.	40.0 PSF	SEQN- 11642
	DUR FAC.	1.25	

24.0"

JRFF- 1SZF187 Z01

Bot chord 2x8 SP 9 Webs 2x4 SP 9 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 5.00 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Alpine Engineered Products, Inc. PLT TYP. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. (A) Continuous lateral bracing equally spaced on member. Haines City, FL 33844 ficate of on # 567 ALPINE Wave #3 \*\*\* Dense \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN.

RESIGN ENGINEERED THE PERMANEE WITH PET.

DESIGN CONFORMACE WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, NEARPA) AND THE TRUSSES.

CONNECTOR PLATES ARE MADE OF 2012B16AGA (NA 15/51) ASIA MASS GRADE 40/50 (N. K/H. S) AND LEVEL

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION FER DRAWINGS GOA-2.

ANY IMPORTANT ON OF PLATES FOLICHOUR BY (1) SHALL BE PER ANNY A 30 FT PIT 2002 SEC. 3.

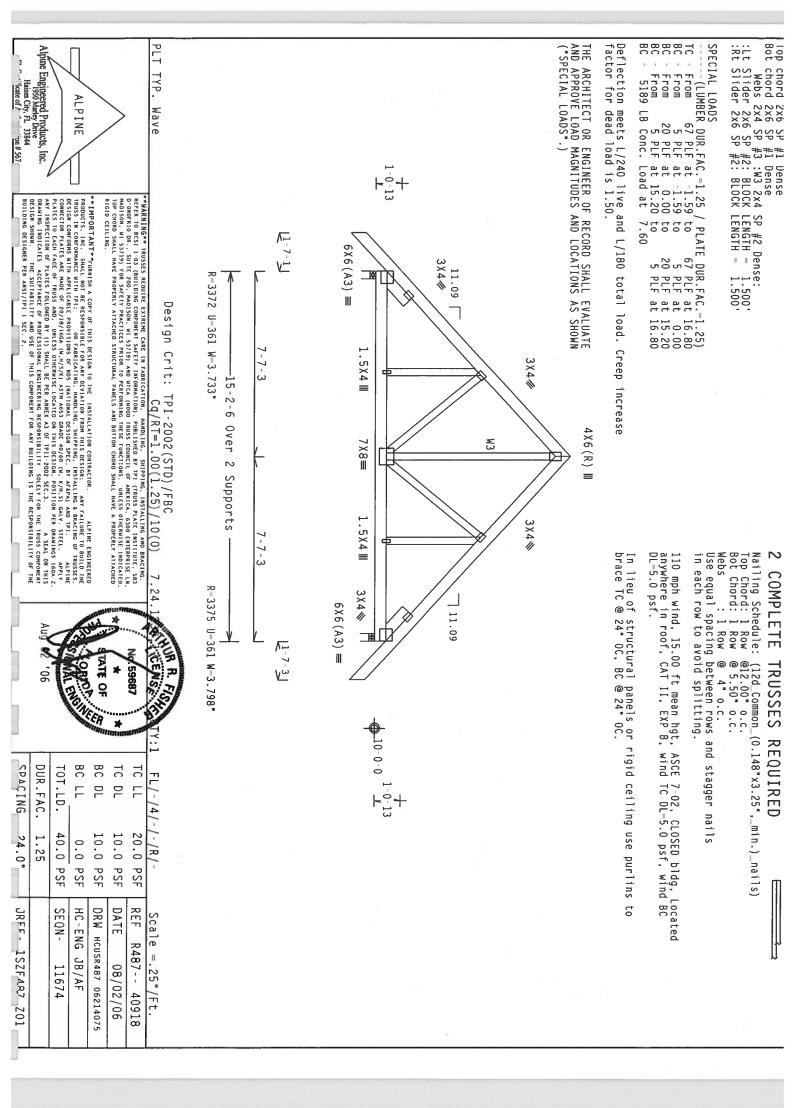
ANY IMPORTANT THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BOSIGN SHOWN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 583 0 "OMOFRIO BN. SUITE 200, MADISON, HI 53719) AND MICA (MODO TRUSS COUNCIL OF MERICA, 6300 ENTERPRISE IN, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CEILING.  $4X4(A1) \equiv$ HOMM. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER PER ANSI/IPI I SEC. 2. R-1038 U-180 W-3.5" Design Crit: l3-5-0 Over 2 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 5 X 4 (R) 🛝 3 X 1 0 III /10(0) $\odot$ Right end vertical not exposed to wind pressure. SPECIAL LOADS Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. From 62 PLF at 0.00 to From 20 PLF at 0.00 to 207 LB Conc. Load at 5.90 1137 LB Conc. Load at 10.06 855 LB Conc. Load at 12.27 R-2268 U-250 W-6.278\* (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
rom 62 PLF at 0.00 to 62 PLF at 13.42
rom 20 PLF at 0.00 to 20 PLF at 13.42 2.5X8≡ 1.5X4 **■** . 5968 BC DL DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-40.0 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR487 06214074 Scale =.3125"/Ft. R487--JB/AF 120376 08/02/06 40917

SDACING

24.0"

JREE- 1SZF 197 Z01



Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. 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. Alpine Engineered Products, Inc. PLT TYP. Haines City, FL 33844 Tigate of on # 567 ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPONENCE WITH FD!:

OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMPONENS WITH APPLICABLE PROVISIONS OF 805 (MATIONAL DESIGN SPEC, BY ATBA) AND TP!.

CONNECTION PAIRS ARE MADE OF 20/18/18/CA, CH.H.5/2/A STM MASS GAADE 40/50 (K.K.H.S) GALV, STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 180A. Z. ANY INSPECTION OF PAIRS FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI] 2002 SEC.3.

ANY INSPECTION OF PAIRS SOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI] 2002 SEC.3.

AS SEALON OF THE SUITABLLITY AND DISE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING LITTY OF THE BUILDING DESIGNER PER ANSI/FFI I SEC. 2. \*\*\*\*MARNING\*\* TRUSSES REDURE EXTREME CARE IN FABRICATION, HANDLING. SHIPPING, INSTALLING AND BRACING.
REFER TO BESS! TOO, BUILDING COMPONENT SAFETY HADDOMATION), PUBLISHED BY FIG (FRUSS PLATE HISTIDUTE, 583.
DO MORRIO DR., SUITE 200, HADISON, WI 53719) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIERRAISE LM,
MADISON, MI 53719) FOR SAFETY PRACTICES FOR BY TO PREFORMING THESE TRUCTIONS. UNLESS OTHERMISE HIDICATED,
DO CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING. 11-7-7 11.09 1.5X4 III 1.5X4 Ⅲ R-287 U-180 W-3.788" ▲7-6-2 Over 3 Supports → Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1.5X4/ 3×4≡ R=198 U=180 R-205 U-180 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ Hipjack supports 5-3-12 setback jacks with no webs. ω ò 'n 10-0-0 o. 59687 SPACING BC LL BC DL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-1.25 40.0 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF SEQN-DATE REF JRFF- 1SZF487 Z01 HC-ENG DRW HCUSR487 06214076 Scale = .25"/Ft. R487-- 40919 JB/AF 11658 08/02/06

Bot chord 2x4 SP #
Webs 2x4 SP # In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
ficate of 100 # 567 PLT TYP. Provide (2) 16d common nails  $(0.162 \times 3.5)$ , Provide (2) 16d common nails  $(0.162 \times 3.5)$ , ALPINE R-207 U-180 Wave #2 Dense #2 Dense #3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DELIANTON ROW THIS DESIGN: ANY FALLURE TO BUILD THE ROSS IN CONFORMANCE WITH PEI:

RUSS IN CONFORMANCE WITH PEI:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ARBA) AND PFI.

CONNECTOR PLATES ARE ANDE OF 20/19/166A (W.H./S.Y.) ASTH AGSS GRADE 40/60 (W. K/H.S.) AAU. STEEL.

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DOMNINGS 160A, 2.

ANY INSPECTION OF PLATES DELICHORD BY (1) SMALL BE PER ANKEX A) OF FPI 2002 SEC.3.

ASEAL ON HIS DESIGNES WOMEN.

THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI 1 SEC. 2. \*\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDING. SHIPPIG. INSTALLING AND BRACHEG.
REFER TO BEST 1-03 (BUILDING COMPOREME SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PARTE INSTITUTE, SB3
D'ONDEFIG DR., SUITE 200, MAILSON, MI 53719) AND NEA, (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN.
HADISON, MI 53719) FOR SAFELTY PRACTICES PRIOR TO PERFORMING INESS FUNCTIONS. UNLESS O'MERVISE INDICATED,
TOP CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL MAYE A PROPERLY ATTACHED RIGID CEILING. 1.5X4 **■** 1.5X4 III **←**7-6-5 Over 3 Supports → 11.09 1.5X4// Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) toe nailed at Top chord. at Bot chord. 3×4≡ R-218 U-180 R-197 U-180  $\infty$ 0-10 Hipjack supports 5-3:14 setback jacks with no webs. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. ACE NSE ATE OF SDACING BC DL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-1.25 40.0 20.0 PSF 24.0" 10.0 PSF 10.0 PSF 0.0 PSF PSF DATE REF SEQN-JRFF- 1SZF187 Z01 HC-ENG DRW HCUSR487 06214077 Scale = .25"/Ft. R487-- 40920

JB/AF 11661

08/02/06

# CLB WEB BRACE SUBSTITUTION

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

#### NOTES:

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

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

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

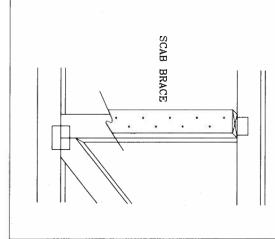
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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

> T-BRACING L-BRACING: BRACE IS A MINIMUM 80% OF WEB ATTACH WITH 16d NAILS AT 6" O.C. APPLY TO EITHER SIDE OF WEB NARROW FACE MEMBER LENGTH L-BRACE T-BRACE T-BRACE L-BRACE

#### SCAB BRACING:

80% OF WEB MEMBER LENGTH NAILS AT 6" O.C. BRACE IS A MINIMUM ATTACH WITH 10d OR .128"x3" GUN NO MORE THAN (1) SCAB PER FACE APPLY SCAB(S) TO WIDE FACE OF WEB



	DESIGNER, PER ANSI/TPI I SEC. 2.
3	SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING
<	PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE
	BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF
X X	ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL
Aug No Trions	40/60 (W.K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS DTHERWISE LOCATED
500	BY AF&PAS AND TPI. ALPINE CONNECTOR PLATES ARE HADE OF 20/18/1664 (W.H/S/K) ASTM A653 GRADE
CI	BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC
	BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING &
B & Y	PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO
- CHATE	MANIMPORTANTAM FURNISH COPY OF THIS DESIGN TO INSTALL ATTON CONTRACTOR ALDINE ENGINEERED
	STRUCTURAL PANELS AND BUTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.
	THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED
No voyos	OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING
	PLATE INSTITUTE, 583 D'ONDFRIO DR., SUITE 200, MADISON, WI. 53719) AND WTCA (WOOD TRUSS COUNCIL
11/4:	BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS
13 /0-1	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
100	

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

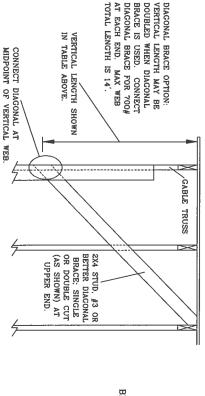
ALPINE

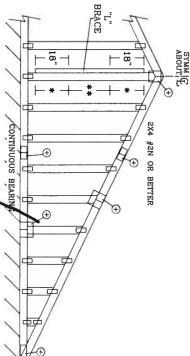
9101 유 BC DL TC LL TC DL SPACING DUR. FAC TOT. LD. PSF PSF PSFPSF PSF DATE DRWG REF -ENG MLH/KAR BRCLBSUB1103 11/26/03 CLB SUBST

THIS DRAWING REPLACES DRAWING 579,640

# ASCE 7-02: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

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			1	<u>رر</u>	)	TIT	I I	כלים	ת ב ב			1	ひ. て	)	TIT	디 디	CTT	C D D			1	<u>び</u> .	) J	TIT	디 디	בין	CITION	SPACING   SPECIES	2X4	
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE	
7	4' 7"	4' 9"	4' 9"	4' 11"	5,1"	4, 6,	4. 6.	4, 6,	4' 7"	4. 2.	4' 4"	4' 4"	4. 6.	4. 7.		4' 1"	4' 1"	4, 2,	3' 8"	3 9		3' 11"	4' 0"	3' 7"	3' 7"		3' 8"	BRACES	N O	
M	6' 9"	7' 9"	7' 11"	8,	8, 0,	6' 7"	7' 8"		8' 0"	5' 10"	6, 9,	6' 10"	٠.	7' 3"	5 <sup>'</sup> 8 <sup>''</sup>		6' 8"	7' 3"		•		6' 4"	6' 4"	4' 8"	5, 2,		6' 4"	GROUP A	(1) 1X4 "L"	
*	6' 9"	7' 9"	7' 11"	8' 7"		6' 7"	7' 8"	7' 8"	8, 5,	5' 10"	6' 9"	6' 10"	7' 9"		5' 8"	8' 0"	6, 8,	7' 5"	4′9"	5.	5' 7"	6' 10"	6' 10"	4' 8"	5' 5"	5' 5"	6,	GROUP B	BRACE *	
	8' 10"	9' 5"	9' 5"	9' 5"	9' 5"	8' 8"	9' 5"	9' 5"	9' 5"	7' 8"		8' 7"	8' 7"	8' 7"	7' 6"	8' 7"	8' 7"	8' 7"	6' 3"	7' 3"	7' 4"	7' 6"	7' 6"	6' 1"	7' 1"	7' 2"	7' 6"	GROUP A	(1) 2X4 "L"	
ABOUT C	8' 10"	9'11"	9' 11"	10' 2"	10' 2"	8, 8,	9' 5"	9' 5"	9, 8,	7' 8"	8' 11"	9' 0"	9' 3"			8' 7"	8' 7"	8' 10"	6' 3"	7' 3"	7' 4"	8' 1"	8′ 1″	6' 1"	7' 1"	7' 2"	7' 8"	GROUP B	BRACE *	
)— <del>1</del> ———————————————————————————————————	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"		10' 3"		10' 3"	10' 3"		10' 1"	10' 3"	10′ 3″	10' 3"	8' 5"	8' 11"	8' 11"	8' 11"	8' 11"	8' 3"	8′ 11″	8' 11"	8' 11"	GROUP A	(2) 2X4 "L"	
	11' 7"	11' 10"	11' 10"	12' 1"	12' 1"	11' 3"	11' 3"	11' 3"	11' 7"	10′4″	10' 9"	10′9"	11' 0"	11' 0"	10′ 1″	10' 3"	10′ 3″	-	8' 5"			9' 7"	9' 7"	- 1	8' 11"	8' 11"	9' 2"	GROUP B	BRACE **	
	13' 10"				14' 0"			14' 0"	14' 0"	11' 11"	13' 5"	13' 5"	13′ 5″	13' 5"	11' 8"	13′ 5″	13' 5"	13' 5"	9' 9"	11' 4"	11' 5"	11' 9"	11' 9"	9' 6"	11' 1"	11' 2"	11' 9"	GROUP A	(1) 2X6 "L"	
					14' 0"					. 1	- 1	- 1		14' 0"	1	٦.	~	13′ 10″	- 1	11' 4"			٦,	9 6"	11' 1"		12' 1"	GROUP B	BRACE *	
	14' 0"	٠	- 1	- 1	14' 0"		- 1	14' 0"			14' 0"		- 1	14' 0"		14' 0"		- 1	- 1		- 1		14' 0"	12' 11"	14' 0"		14' 0"	GROUP A	(2) 2X6 "L"	
		- 1	- 1		14' 0"		- 1	14' 0"	- 1	14' 0"	14' 0"	- 1	14' 0"	14' 0"						14' 0"	- 1		- 1		14' 0"	14' 0"	14' 0"	GROUP E	BRACE *	





BRACING GROUP SPECIES DOUGLAS FIR-LARCH #1 / #2 STANDARD #3 STUD SOUTHERN STANDARD STUD PINE GROUP GROUP HEM-FIR #1 & BTR #1 DOUGLAS FIR-LARCH ä A SOUTHERN PINE #3 2 STANDARD AND GRADES: HEM-FIR #2 STANDARD STUD

## GABLE TRUSS DETAIL NOTES:

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD). LIVE LOAD DEFLECTION CRITERIA IS L/240.

PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

\* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

\* IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

\*\* FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES. MEMBER LENGTH. "L" BRACING MUST BE A MINIMUM OF 80% OF WEB

PEAK, SPLICE, AND HEEL PLATES.	+ REFER TO COMMON TRUSS DESIGN FOR	GREATER THAN 11' 6"	GREATER THAN 4' O", BUT LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GADLE VERTICAL PLATE SIGES
PLATES.	DESIGN FOR	2.5 <b>X4</b>	2X4	1X4 OR 2X3	NO SPLICE	C 01750

\*\*\*IMPDRTANT\*\* FURNISH CDPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHEPPING, INSTALLING BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AF\$PA) AND TPI, APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AF\$PA) AND TPI, APPLICABLE SATE MADE DE 70/18/16/SA (V.H/S/K) ASTH A653 GRADE ON THIS DESIGN, STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERVISES CHORADO BY (1) SHALL BE DER ANNEX AS OF TPI 1–2002 SCE. 3. A SEAL ON THIS DESIGN, DESIGN, SHOUN, THE BE PER ANNEX AS OF TPI 1–2002 SCE. 3. A SEAL ON THIS DRAVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOUN. THE \*\*\*AWARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, \*\*\*HANDLING, SHIPPING, INSTALLING AND IBRACING, REFER TO BOS1 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP! CTRUSS PLAIE INSTITUTE, 583 D'INDIR DID. SUITE 200, MADISON, VI. 537199 AND VICA "VOIDO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 53739 FIR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS DIFERVISE INDICATED, TOP CHIRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. N. THE TONAL ENGINEERIN STATE OF CORIOR p.,69687 \*

REFER TO CHART ABOVE FOR

ALTRE RVES

LENGTH

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

PER ANSI/TPI

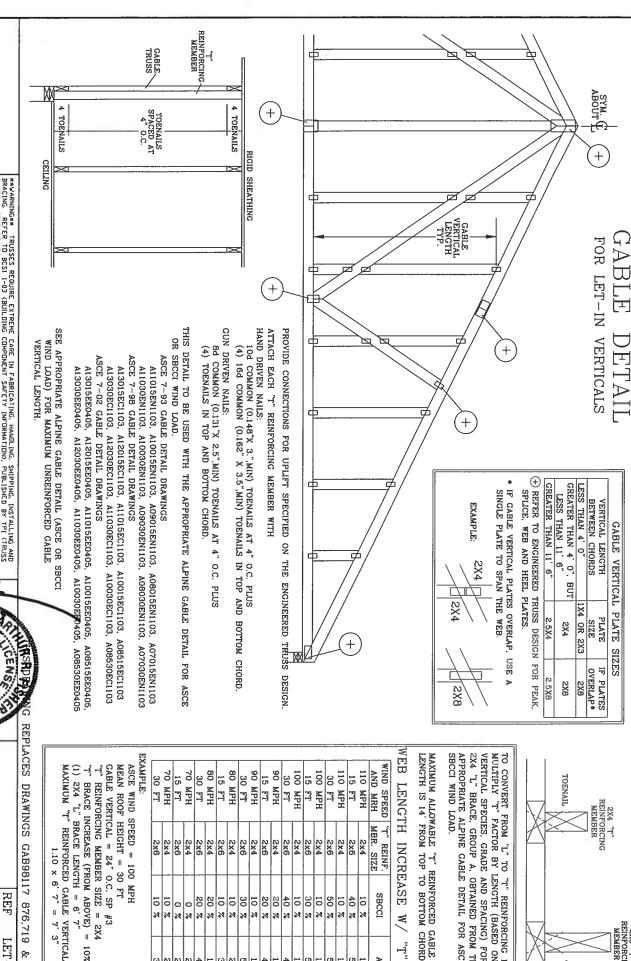
ALPINE

MAX. TOT. LD. 60 PSF DATE REF DRWG A11030EE0405 04/14/05 ASCE7-02-GAB11030

MAX.

SPACING

24.0"



EXAMPLE: WIND SPEED 80 MPH 30 FT 90 MPH 100 MPH 30 FT 110 MPH 30 FT 110 MPH AND MRH 70 MPH 70 MPH 80 MPH 90 MPH 100 MPH 15 FT 15 FT 30 FT 15 FT "T" REINF. MBR. SIZE 2x4 2x6 2×4 2x6 2x4 2x6 2x4 2x6 2x4 2x6 SBCCI 8 50 5 8 ō 20 % 50 % 10 % 40 % 10 % ASCE 10 %

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS  $14^{\circ}$  FROM TOP TO BOTTOM CHORD.

BRACE

SBCCI WIND LOAD.

VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE

TOENAIL

TOENAIL

2X4 "T" REINFORCING MEMBER

2X6 "T" REINFORCING MEMBER

APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR

NG REPLACES DRAWINGS GAB98117 876,719 & HC26294035 \* DATE DRWG 04/14/05 GBLLETIN0405 LET-IN VERT

GABLE VERTICAL = 24" O.C. SP #3
"T" REINFORCING MEMBER SIZE = 2X4 MEAN ROOF HEIGHT = 30 FT

ASCE WIND SPEED = 100 MPH

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

 $1.10 \times 6' 7'' = 7' 3''$ 

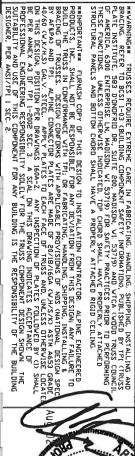
2X4 "L" BRACE LENGTH = 6' 7"

T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

CENSE

No. 59687

MAX SPACING DUR. FAC. MAX TOT. LD. ANY 60 PSF 24.0" DLJ/KAR



CORIOR

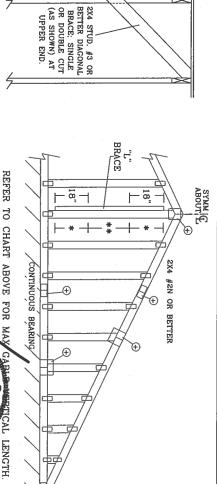
STATE OF

ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

### ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

		M	A	X	-	(	j/	<u> </u>	3.	[]	E		V	E	R	Γ	'I	С	A	L		L	E	N	1(	J.	ГΗ	
	1	2	,,	-	0	. (	ζ.	,		1	6	"		Ο	. (	7,	_		2	4	,,		Ο	) . (	C		SPACING	GARL
	DHL	1	<u>۷</u> .	)	TIT	口 口 口	SLL	ひば		<u> </u>	) ]	<u>ر</u> ال	<u>)</u>	TIT	되 디	CLL			L.F.	j 1	(). T	)	TTT	I I	CLL	いせい	SPECIES	2X4
CUMPANTO	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
4 4 4	1 0	1 '	5, 3,	5,	4, 9,"	4' 9"	4. 9.	4' 11"	4.	4, 6,	4, 6,	4' 9"	Ι.	4' 4"	4' 4"	4' 4"	4. 5.	3' 10"	4. 0"	4, 0,	4. 2.	4, 3,	3' 9"	3, 9,	3. 9.	3' 10"	BRACES	S
1	λ (Q	1	8, 5,	8' 5"	7' 3"	8, 5,	8, 5,	8 5	و ق 1	7' 6"	7' 7"	7' 8"	7' 8"		7' 4"		7' 8"	l ~	6' 1"	6' 2"	6, 8,	G,	]	6, 0,	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"
	8' 7"	1	9' 1"	9' 1"	7' 3"	8, 5,	1 -	8′ 8″	ත <sub>.</sub>	7' 6"	7' 7"	8 <sup>'</sup> 3 <sup>"</sup>	8 3	6' 4"			7' 10"	5 <u>1</u>	6' 1"	6, S,	7' 2"	7' 2"	5' 2"	6' 0"	6' 0"	6' 10"	GROUP B	BRACE *
1	10' 0"	10' 0"	10' 0"	10' 0"	9' 7"	10' 0"	10' 0"	10' 0"	ල ල	9' 1"	9' 1"	9' 1"	9' 1"	8. 4.	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "L"
9 10	10' 6"	10′ 6″	10' 9"	10' 9"	9' 7"	10' 0"	10' 0"	10' 3"	8' 6"	9' 6"	9' 6"	9' 9"	9' 9"	8' 4"	9' 1"	9′1″	9' 4"	6' 11"	8' 0"	8′1"	8' 6"	8' 6"	6' 9"	7' 11"	7'.11"	8' 1"	GROUP B	" BRACE *
11	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	9' 4"	9' 5"	9' 5"	9' 5"	9′5″	9' 1"	9' 5"	9' 5"	9' 5"	GROUP A	(2) 2X4 "L"
160	1	12' 6"	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12' 3"	11' 1"	11' 4"	11' 4"	11' 8"	11' 8"	10' 10"	10' 10"	10' 10"	11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	BRACE **
4	14.0	14′0″	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"		12' 5"		12' 5"	10' 7"	12' 3"	12' 4"	12′ 5″	GROUP A	(1) 2X6 "L"
140	14.0	14' 0"	1	14' 0"	1 7	14' 0"	1 1	٠,	13' 3"	ا ا	14, 0,	14' 0"	ľ	12' 11"	14' 0"	1		10' 10"	12' 6"	12' 8"		13′ 5″		12' 3"	١ ١	12' 9"	GROUP B	BRACE *
14 0	-	14' 0"		14' 0"			14' 0"		14' 0"		14' 0"		14' 0"			14' 0"	- 1	14' 0"		14' 0"	-1	14' 0"	- 1	14′0″	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"
14 0	1	14' 0"			14' 0"				14' 0"	14' 0"			14' 0"		14' 0"		- 1		14' 0"	14' 0"		14' 0"		- 1	14' 0"	14' 0"	GROUP B	BRACE **
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VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB

CONNECT

TOTAL LENGTH IS 14'.

IN TABLE ABOVE. VERTICAL LENGTH SHOWN

MIDPOINT OF VERTICAL WEB.

DIAGONAL BRACE OPTION:

GABLE TRUSS

## GABLE TRUSS DETAIL NOTES:

GABLE END SUPPORTS LOAD FROM 4' 0" PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER LIVE LOAD DEFLECTION CRITERIA IS L/240. PLYWOOD OVERHANG. CONTINUOUS BEARING (5 PSF TC DEAD LOAD). OUTLOOKERS WITH 2' 0" OVERHANG, OR 12"

- ATTACH EACH "L" BRACE WITH 10d NAILS.

  FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

  IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

  \*\* FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. MEMBER LENGTH. 'L" BRACING MUST BE A MINIMUM OF 80% OF WEB IN 18" END ZONES AND 6" O.C. BETWEEN ZONES
- VERTICAL LENGTH
  LESS THAN 4' 0" BUT GREATER THAN 11' 6' REFER TO COMMON TRUSS DESIGN FOR GABLE VERTICAL PLATE SIZES THAN 11 NO SPLICE 1X4 OR 2X3 2.5X4 2**X4**

PEAK, SPLICE, AND

HEEL PLATES.

TOT. LD. 60 PSF DATE DRWG REF A11015EE0405 04/15/05 ASCE7-02-GAB11015

MAMPRITANTAM FURNISH CIPY OF THIS DESIGN TO INSTALLATION FOR THIS DESIGN, AND FINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSS IN CONFORMANCE WITH THIS DEFINE, HANDLING, SHEPPING, INSTALLING REACHEN OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFBA) AND THIS ALPINC CONNECTOR PLATES ARE MADE OF 20/18/1664 (V,HJXX) ASTH AGS GRADE 40/60 (V,KJX) AGS, STELL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION FOR DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY () SHALL BE PER ANNEX AS OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRESING INDICATES ACCEPTANCE OF PROFESSIONAL GRIGNERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING MEMAGRINIGEM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFRHATIDN), PUBLISHED BY TPI CIRUSS PLATE INSTITUTE, 593 DYNOBRID DR. SUITE 200, MADISDN, VI 537199 AND VICA (VODID TRUSS COLUVCIL OF AMERICA, 6300 ENTERPRISE LM, MADISDN, VI 537199 FIR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED. TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED RIGID CEILING.

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

ALPINE

WA R. Flo CORION. No. 59687 TATE OF EN PER MINISTRA \*

MAX.

SPACING

MAX.

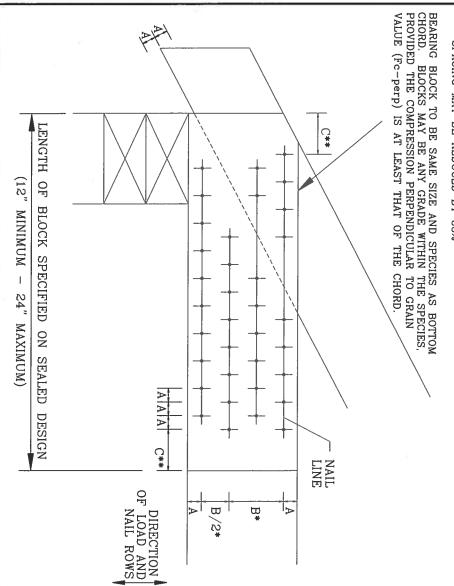
24.0"

#### BEARING BLOCK NAIL SPACING DETAIL

MINIMUM SPACING NAILING FOR TWO FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- C B ≥ EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS) END DISTANCE (15 NAIL DIAMETERS)

뒥 NAIL HOLES ARE PREBORED, SOME SPACING
• SPACING MAY BE REDUCED BY 50%
• SPACING MAY BE REDUCED BY 33% MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:



MAXIMUM NUMBER QF NAIL LINES PARALLEL TO GRAIN

## MINIMUM NAIL SPACING DISTANCES

		DISTANCES	
NAIL TYPE	Α	В*	C**
8d BOX (0.113"X2.5")	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X3")	7/8"	1 5/8"	2"
12d BOX (0.128"X3.25")	7/8"	1 5/8"	2,
16d BOX (0.135"X3.5")	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X4")	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X2.5")	7/8"	1 5/8"	2,
10d COMMON (0.148"X3")	1"	1 7/8"	2 1/4"
12d COMMON (0.148"X3.25")	1"	1 7/8"	2 1/4"
16d COMMON (0.162"X3.5")	ь,	2,	2 1/2"
0.120"X2.5" GUN	3/4"	1 1/2"	1 7/8"
0.131"X2.5" GUN	7/8"	1 5/8"	2"
0.120"X3.0" GUN	3/4"	1 1/2"	1 7/8"
0.131"x3.0" GUN	7/8"	1 5/8"	స్త్రి

DATE DRWG —ENG	UR R. FIGUS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699	G B139	AND CNBRGBLK0699 BEARING BLOCK
EFA 3	No.59687	DATE	11/26/03
VEER TO THE TOTAL PROPERTY OF THE PROPERTY OF	NATE OF STREET	DRWG	CNBRGB
	The state of the s	-ENG	SJP/KAF



\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXPREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI 1-03 BOILDING COMPONENT SAFETY INFORMATION», PUBLISHED BY TPI CIRUSS PLATE INSTITUTE, 583 EVANDERID DR., SUITE 200, MADISON, VI. 53759, AND VICA V-CODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 53759, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERVISE INDICATED, TIP CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANAELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

MEMBERTANTAM FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. A PINE ENGINEERED PRODUCTS, NG., SHALL AND BE RESPONSIBLE FOR ANY BUYLATION FROM THIS DESIGN, MY FAILURE TO BUILD THE TRUSS IN CONFIDENCE VITH, TRY, OR FARRICATING, THANDLING, SHIPPING, INSTALLING BESIGN ANY FAILURE TO BENCH OF TRY, SHALL BESIGN SPEC, BY AFRAY, AND TRY. A PINE CONNECTION PLATES APPLICABLE BROWSISIONS OF MUSIC WHERE A STATE OF THE PARTY OF THE TRYSS CHEPTING SHALL THE PARTY OF THE PARTY OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANALY OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANALY OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANALY OF THE BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANALY OF THE BUILDING DESIGNER.

# PIGGYBACK DETAII

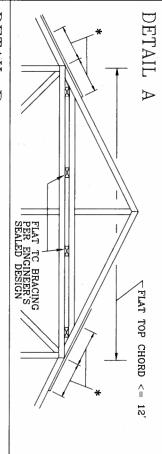
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATLY BRACED BY SHEATHING OR ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS. 80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

PURLINS.

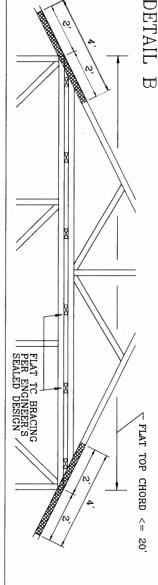
PROVIDE DIAGONAL BRACING OR OTHER SUITABLE

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF

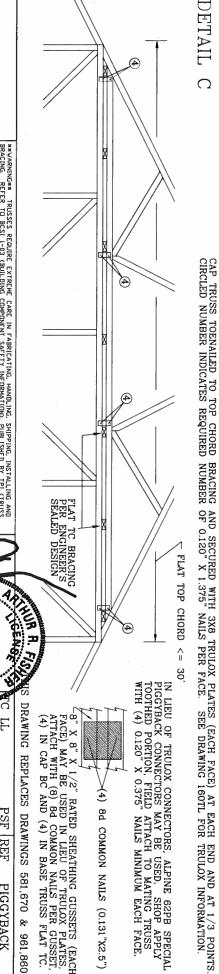


PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

\* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"X3") SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C. NAILS AND



IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE.

E8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

IS DRAWING REPLACES DRAWINGS 581,670 & 961,860

POMPANO BEACH, FLORIDA			ALPINE		\ 	>
PROFESSIONAL ENGINEERING SUITABILITY AND USE OF 1	2.5	BRACING OF TRUSSES. DES	ß,	**IMPORTANT** FURNISH	THESE FUNCTIONS. UNLESS	OF AMERICA, 6300 ENTERPR

\*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI 1-103 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CITRUSS COUNCIL OF ARESTO, AND TOTA "COUNCIL OF ARESTO, SOID ENTERPRISE LN, HADISON, VI. 53719) AND VICA "COUNCIL OF ARESTO, GOOD ENTERPRISE LN, HADISON, VI. 53719, FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHER VISE INDICATED, TOP CHARD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

No.

CODY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED
DIT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO
FORMANCE VITH TPI, OR FARRICATING, HANDLING, SHPPING, INSTALLING IS
FORECONNECTOR PLATES ARE HADE OF 20/18/16GA (V,HJX/X), ASTA HASS GRADE
TREEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED
N PER BRAYINGS 160A-Z. ANY INSPECTION OF PLATES FOILURED BY (1) SHAL
I 1-2002 SEC. 3. A SEAL ON THIS DRAYING INDICATES ACCEPTANCE OF
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THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING SEC

DESIGNER, PER ANSIZTPI !

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SPACING 24.0"	DUR. FAC. 1.15	VAL ENG. TOT. LD. MAX 60 PSF	BC LL	A THE COL	DL	C LL
2		PSF	PSF	PSF	PSF	PSF REF
			-ENG	DRWG	DATE	REF
			-ENG DLJ/KAR	DRWG PIGBACKA0405	04/14/05	PIGGYBACK

TOP CHORD 2X4 2X4 2X4 ### %%& 98 8 88 8 BETTER BETTER BETTER

## PIGGYBACK

SPACE PIGGYBACK VERTICALS AT 4' OC MAX. REFER TO SEALED DESIGN FOR DASHED PLATES.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. TRUSS TOP CHORD WITH 1.5X3 PLATE. ATTACH VERTICAL WEBS To

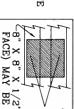
ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS. REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

130 MPH WIND, 30' MEAN HGT, ASCE 7-02, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

130 MPH WIND, 30' MEAN HGT, ASCE 7-98, BLDG, LOCATED ANYWHERE IN ROOF, CAT II, WIND TC DL=5 PSF



(4) 6d BOX (0.099"X 2.", MIN) NAILS.

30

34

38

52

SPANS

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70

C8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET.

(4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

F U a В Þ 4X6 ..5X3 5X4 4X6 2X4 OR 3X6 TRULOX AT 4' ROTATED VERTICALLY 1.5X4 2.5X4 5X5 5X6 2.5X4 1.5X4 5X6 1.5X4 3X5 0C,

FRONT FACE (E,\*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX. EITHER PLATE LOCATION IS ACCEPTABLE 12 MAX [ 2 \*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE. 20' FLAT TOP В 45 TYP. В OPTIONAL SPLICE CHORD MAX SPAN A 炐 4 MAX SIZE OF 2X12 #2 OR BETTER C-TYP D-SPLICE 坤

> OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 FOR TRULOX INFORMATION. ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS

	10' TO 14'	7'9" TO 10'	0' TO 7'9"	WEB LENGTH	
* DICCYBACK SDECIAL DIATE	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC.	7'9" TO 10' MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5", MIN) NAILS AT 4" OC.	0' TO 7'9"   NO BRACING	REQUIRED BRACING	WEB BRACING CHART

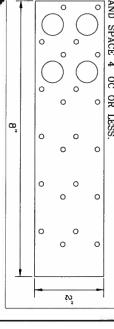
#### \* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS I AND SPACE 4' OC OR LESS. TRUSS FACE

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WING REPLACES DRAWINGS 634,016 634,017 & 847,045

No.59687 CENSE SPACING 1.15 DUR. 1.33 DUR. .25 MAX LOADING 47 50 PSF DUR. PSF PSF AT 24.0" AT FAC ΑT FAC. FAC DRWG PIGBACKB0405 04/14/05 PIGGYBACK



\*\*\*WARNIGM\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI 1-30 SOBILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI CIRUSS PLAIE INSTITUTE, 593 D'NOUFRID DE. SUITE 200 MADISON, VI. 537199 AND VICA «VOID TRUSS COLUNCIL DE AMERICA, 6300 ENTERPRISE LN, MADISON, VI. 537199 FIQ SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS DIHERVISE INDICATED, TOP CHERD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

MAIMPRRIANTAM FURNISH CORP OF THIS DESIGN TO INSTALLATION CONTRACTOR ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN CONFIDENCE VITH FIJ OR FARRICATING, HANDLING, SHIPPING, INSTALLING BRACING OF TRUSSES. DESIGN CONFORMS VITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFREA) AND THI, ALPINE CONNECTOR PLATES ARE HADE OF 207/87/66A (V.H.XXX) ASTH ASS GRADE 40/60 (V.K.H.S.) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION FOR DRAVINGS 160A-2. ANY INSPECTION OF PLATES OF THE SUBJECT OF THE TRUSS COMPONENT DESIGN SHOWN THE SUFFICIENCE OF THIS COMPONENT DESIGN SHOWN THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING