DATE <u>08/28/2009</u>	Columbia County Bu This Permit Must Be Prominently Posted of	uilding Permit on Premises During Construc	PERMIT 000028040
APPLICANT JON BRO			i-8699
ADDRESS 2747	SW MAIN BLVD	LAKE CITY	FL 32025
10 10 10 10 10 10 10 10 10 10 10 10 10 1	CE & LILLIAN ALLEN	PHONE 386	6 438-5105
ADDRESS 1131	SW SKYLINE LOOP	FT. WHITE	FL 32038
CONTRACTOR WIL	LIAM WOOD	PHONE 755	5-8699
LOCATION OF PROPER	TY 47S, TL ON HERLONG RD, TR O	ON SKYLINE LOOP, AFTER	CURVE, 3RD
	ON LEFT OR 9TH LOT ON LEFT	FROM HERLONG	
TYPE DEVELOPMENT	SFD,UTILITY EST	TIMATED COST OF CONSTR	RUCTION 126700.00
HEATED FLOOR AREA		A 2534.00 H	EIGHT STORIES 1
FOUNDATION CONC	WALLS FRAMED R	OOF PITCH 6/12	FLOOR SLAB
LAND USE & ZONING	A-3	MAX. HEI	GHT 16
Minimum Set Back Requir	ments: STREET-FRONT 30.00	REAR 25.00	SIDE 25.00
New Yorks and the Company of the Com			
NO. EX.D.U.	FLOOD ZONE X	DEVELOPMENT PERMIT N	0.
PARCEL ID 10-6S-16-	03815-133 SUBDIVISION	CARDINAL FARMS	
LOT 10 BLOCK	PHASE UNIT _	TOTAL AC	CRES10.00
000001755	CBC058182	( Ja B -	
Culvert Permit No.	Culvert Waiver Contractor's License Num	aber Applie	cant/Owner/Contractor
CULVERT	09-434 BK		Y
Driveway Connection	Septic Tank Number LU & Zonin	g checked by Approved	for Issuance New Resident
		T0 (T) F.E	
COMMENTS: ONE FOO	OT ABOVE THE ROAD, NOC ON FILE		
COMMENTS: ONE FOO	OT ABOVE THE ROAD, NOC ON FILE	Che	ck # or Cash
COMMENTS: ONE FOO			ck # or Cash
	FOR BUILDING & ZONIN	G DEPARTMENT ON	ck # or Cash 1035  Y (footer/Slab)
Temporary Power 08/31/	FOR BUILDING & ZONIN	G DEPARTMENT ON	ck # or Cash
	FOR BUILDING & ZONIN  2009 RJ Foundation  date/app. by	G DEPARTMENT ONI	ck # or Cash 10.3.5  Y (footer/Slab) onolithic
Temporary Power 08/31/ Under slab rough-in plumb	FOR BUILDING & ZONIN  2009 RJ Foundation date/app. by  ing Slab date/app. by	G DEPARTMENT ONI	ck # or Cash 1035  Y (footer/Slab)  onolithic date/app. by
Temporary Power 08/31/ Under slab rough-in plumb Framing	FOR BUILDING & ZONIN  (2009 RJ Foundation date/app. by  ing Slab date/app. by  Insulation	date/app. by	ck # or Cash 1035  Y (footer/Slab) onolithic date/app. by Sheathing/Nailing
Temporary Power 08/31/ Under slab rough-in plumb Framing date/ap	FOR BUILDING & ZONIN  2009 RJ Foundation date/app. by  ing Slab date/app. by  Insulation p. by  date	date/app. by  date/app. by	ck # or Cash  (footer/Slab)  onolithic  date/app. by  Sheathing/Nailing  date/app. by
Temporary Power 08/31/ Under slab rough-in plumb Framing	FOR BUILDING & ZONIN  2009 RJ Foundation date/app. by ing Slab date/app. by Insulation p. by date slab and below wood floor	date/app. by  date/app. by  Electrica	ck # or Cash
Temporary Power 08/31/ Under slab rough-in plumb Framing date/app Rough-in plumbing above s Heat & Air Duct	FOR BUILDING & ZONIN  (2009 RJ Foundation  date/app. by  ing Slab  date/app. by  Insulation  p. by date  slab and below wood floor  date  Peri. beam (Linte)	date/app. by  date/app. by  Electrical ate/app. by	ck # or Cash  (footer/Slab)  onolithic  date/app. by  Sheathing/Nailing  date/app. by
Temporary Power 08/31/ Under slab rough-in plumb  Framing date/app  Rough-in plumbing above some state and the sta	FOR BUILDING & ZONIN  (2009 RJ Foundation date/app. by  ing Slab  date/app. by  Insulation p. by date slab and below wood floor  Peri. beam (Lintel ate/app. by	date/app. by  date/app. by  Electrical ate/app. by  date/app. by	ck # or Cash  (footer/Slab)  onolithic  date/app. by  Sheathing/Nailing  date/app. by  al rough-in  date/app. by  Pool  date/app. by
Temporary Power 08/31/ Under slab rough-in plumb  Framing date/app  Rough-in plumbing above s  Heat & Air Duct	FOR BUILDING & ZONIN  (2009 RJ Foundation date/app. by ing Slab date/app. by Insulation p. by date slab and below wood floor  Peri. beam (Linter ate/app. by C.O. Final	date/app. by  date/app. by  Electrical ate/app. by  date/app. by  Culv	ck # or Cash  (footer/Slab)  onolithic  date/app. by  Sheathing/Nailing  date/app. by  all rough-in  date/app. by  Pool  date/app. by
Temporary Power 08/31/ Under slab rough-in plumb  Framing date/app  Rough-in plumbing above s  Heat & Air Duct date  Permanent power date  Rump pole	FOR BUILDING & ZONIN  (2009 RJ Foundation  date/app. by  ing Slab  date/app. by  Insulation  p. by date  Peri. beam (Lintel ate/app. by  te/app. by  Utility Pole M/H tie do	date/app. by  date/app. by  Electrical ate/app. by  date/app. by	ck # or Cash
Temporary Power 08/31/ Under slab rough-in plumb  Framing date/app  Rough-in plumbing above s  Heat & Air Duct date/app  Permanent power date/app. by	FOR BUILDING & ZONIN  (2009 RJ Foundation  date/app. by  ing Slab  date/app. by  Insulation p. by date  slab and below wood floor  Peri. beam (Lintel ate/app. by  te/app. by  Utility Pole M/H tie do  date/app. by	date/app. by  date/app. by  Electrical ate/app. by  date/app. by  Culve ate/app. by	ck # or Cash  (footer/Slab)  onolithic  date/app. by  Sheathing/Nailing  date/app. by  Pool  date/app. by  rert  date/app. by  plumbing  date/app. by
Temporary Power 08/31/ Under slab rough-in plumb  Framing date/app  Rough-in plumbing above selection date/app  Heat & Air Duct date/app  Pump pole date/app. by  Reconnection	FOR BUILDING & ZONIN  (2009 RJ Foundation  date/app. by  ing Slab  date/app. by  Insulation  p. by date  Peri. beam (Lintel ate/app. by  te/app. by  Utility Pole M/H tie do	date/app. by  date/app. by  Electrical ate/app. by  date/app. by  Culve ate/app. by	ck # or Cash
Temporary Power 08/31/ Under slab rough-in plumb  Framing date/app  Rough-in plumbing above s  Heat & Air Duct date/app  Permanent power date/app. by  Reconnection d	FOR BUILDING & ZONIN  (2009 RJ Foundation  date/app. by  ing Slab  date/app. by  Insulation  p. by date  Peri. beam (Lintel  ate/app. by  C.O. Final  te/app. by  Utility Pole M/H tie do  date/app. by  RV	date/app. by  date/app. by  Electrical date/app. by  date/app. by  Culvate/app. by  www. blocking, electricity and date/app. by	ck # or Cash  Y  (footer/Slab)  onolithic  date/app. by  Sheathing/Nailing  date/app. by  Pool  date/app. by  rert  date/app. by  plumbing  date/app. by  Re-roof  date/app. by
Temporary Power 08/31/ Under slab rough-in plumb  Framing date/app  Rough-in plumbing above s  Heat & Air Duct date/app  Permanent power date/app. by  Reconnection d  BUILDING PERMIT FEE S	FOR BUILDING & ZONIN    2009 RJ   Foundation     date/app. by     ing   Slab     date/app. by     Insulation     p. by   date   ate/app. by     C.O. Final     te/app. by   did   date/app. by     Le/app. by   RV     ate/app. by     RV     ate/app. by     C.O. FINAL     C.O. FI	date/app. by  date/app. by  Electrical date/app. by  date/app. by  Culvate/app. by  ate/app. by  ate/app. by  ate/app. by  ate/app. by  ate/app. by  ate/app. by  Sector date/app. by  ate/app. by  ate/app. by  ate/app. by  Sector date/app. by  Culvate/app. by  Sector date/app. by  Sector date/app. by	ck # or Cash  Y  (footer/Slab)  onolithic  date/app. by  Sheathing/Nailing  date/app. by  All rough-in  date/app. by  Pool  date/app. by  vert  date/app. by  plumbing  date/app. by  Re-roof  date/app. by  RCHARGE FEE \$ 12.67
Temporary Power 08/31/ Under slab rough-in plumb  Framing date/app  Rough-in plumbing above s  Heat & Air Duct date/app  Permanent power date/app. by  Reconnection d	FOR BUILDING & ZONIN    2009 RJ   Foundation     date/app. by     ing	date/app. by  date/app. by  Electrical date/app. by  date/app. by  Culvate/app. by  ate/app. by  ate/app. by  ate/app. by  Sy ate/app. by  ate/app. by  FIRE FEE \$ 0.00	ck # or Cash  Y  (footer/Slab)  onolithic  date/app. by  Sheathing/Nailing  date/app. by  Pool  date/app. by  Pert  date/app. by  Pert  date/app. by  Re-roof  date/app. by  Re-roof  date/app. by  RCHARGE FEE \$ 12.67  WASTE FEE \$

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.

INSPECTORS OFFICE

"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."

CLERKS OFFICE

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

#### Columbia County Building Permit Application

	Columbia Count	y Building Permit	t Application
	te/8.01.09 Floor	d Zone	Permit # 1755 290 Land Use A-3 Zoning A-3  Plans Examiner WN Date \$ 140
NOO EH Deed or PA (5)			
			om Contractor □ F W Comp. letter  Road/Code
School	= TOTAL	Suspended	Road/code
Septic Permit No			Fax 386-752-5111
Name Authorized Person Signing	Permit Jon	Brown	Phone 3810-755-81699
Address 2747 SW m			
			Phone 386-438-5105
911 Address 1131 Sw S	kyline Lo	100 Ft. 1	unite, Fl 32038
			Phone 386 755-8699
			ly, FL 32025
Fee Simple Owner Name & Addre			
Bonding Co. Name & Address	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Architect/Engineer Name & Addr Mortgage Lenders Name & Addre		osway 7	0.0 BOX 808 Lake City Fi
Circle the correct power company	y – FL Power & Ligh	nt - Clay Elec.	– Suwannee Valley Elec. – Progress Energ
Property ID Number 10 65-	16-03815-	133 Estimate	ed Cost of Construction <u>B145, 326.0</u>
			Lot <u>33</u> Block Unit Phase
Driving Directions 475. TI	- on Herl	ong Cd	TR on Skyline Loop
after curve to le	eft, 3rd	10+ 00	right. 9th lot on left
74	11	Number	of Existing Dwellings on Property
Construction of New hor	ne lveside	otial	Total Acreage Lot Size
			Drive Total Building Height 16"11/2"
			or Area 25345 PRoof Pitch 612
Application is hereby made to obta	ain a permit to do w	ork and installati	ons as indicated. I certify that no work or

installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

#### Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law. those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

**Owners Signature** 

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Contractor's Signature (Permitee)

Contractor's License Number CBC 058182 **Columbia County Competency Card Number** 

Affirmed under penalty of perjury to by the <u>Contractor</u> and subscribed before me this <u>13th</u> day of <u>Av6</u> 2009. Personally known

or Produced Identification

GALE TEDDER MY COMMISSION # DD 805686 EXPIRES: July 14, 2012
Bonded Thru Notary Public Underwriters

State of Florida Notary Signature (For the Contractor)

## COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

#### Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED:

6/25/2009

DATE ISSUED:

6/29/2009

**ENHANCED 9-1-1 ADDRESS:** 

1131

SW SKYLINE

LOOP

FORT WHITE

FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

10-6\$-16-03815-133

Remarks:

LOT 33 CARDINAL FARMS UNREC

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

1469

### A&B Well Drilling, Inc.

6673 NW Lake Jeffery Road Lake City, FL 32055 Telephone: (386) 758-3409 Cell: (386) 623-3151 Fax: (386) 758-3410

July 14, 2009

To: Columbia County Building Department

Description of Well to be installed for Customer

Located @ Address: 1315 w Sky line 1000 Ftwnik, Ft 37038

1 HP 15 GPM submersible pump, 1 ½" drop pipe, 86 gallon captive tank, and backflow prevention. With SRWMD permit.

Sincerely, Bruce N. Park

President

Inst. Number: 200712019940 Book: 1129 Page: 2473 Date: 8/31/2007 Time: 3:43:54 PM

Prepared by: Judi M. Lowrey Provident Title & Mortgage, Inc. 444 SW Alachua Avenue Lake City, Florida 32025

File Number: 07-171

Inst:200712019940 Date:8/31/2007 Time:3:43 PM amp-Deed:626.50

#### **General Warranty Deed**

Made this August 17, 2007 A.D. By Dericka D. Solomon, a married woman, 205 Maple Shade Dr., Tyrone, GA 30290, hereinafter called the grantor, to Garanee O. Allen and Lillian B. Ricks-Allen, husband and wife, whose post office address is: 11743 Holly Creek Drive, Riverview, FL 33569, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Attached Schedule "A"

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: 10-6S-16-03815-133

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2006.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence: (Seal) Dericka D. Solomon Address: 205 Maple Shade Dr., Tyrone, GA 30290 (Seal) State of Florida County of Columbia The foregoing instrument was acknowledged before me this 15 day of August, 2007, by Dericka D. Solomon, a married woman, who is/are personally known to me or who has produced Georgia Driver Lectors identification.

DEED Individual Warranty Deed with Non-Homestead-Legal on Schedule A Closers' Choice

Inst. Number: 200712019940 Book: 1129 Page: 2474 Date: 8/31/2007 Time: 3:43:54 PM

Prepared by: Judi M. Lowrey Provident Title & Mortgage, Inc. 444 SW Alachua Avenue Lake City, Florida 32025

File Number: 07-171

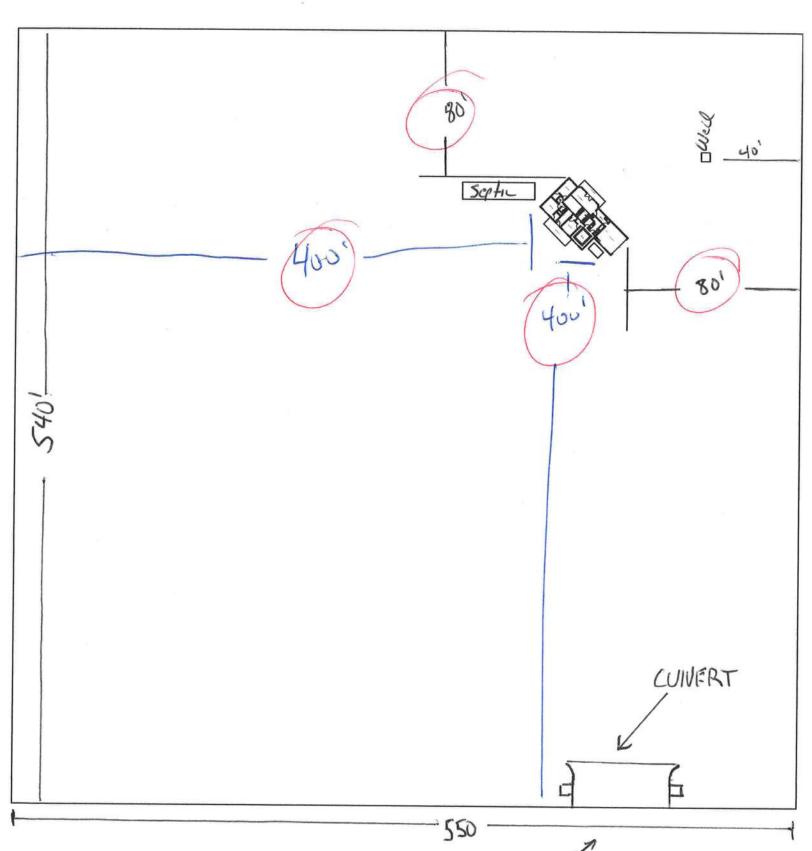
Schedule "A"

#### **EXHIBIT A**

Lot 33 of an unrecorded subdivision known as CARDINAL FARMS, a parcel of land in Section 10 and 11, Township 6 South, Range 16 East, Columbia County, Florida, being more particularly described as follows:

Commence at the Southeast corner of Section 11, Township 6 South, Range 16 East, Columbia County, Florida and run thence South 88 degrees 19'59" West along the South line of said Section 11, a distance of 5311.34 feet to the Southwest corner of Section 11; thence North 01 degrees 22'42" West along the West line of Section 11, being also the East line of Section 10 a distance of 1330.05 feet to the Southeast corner of the North 1/2 of the Southeast 1/4 of Section 10 and the Point of Beginning; thence South 87 degrees 55'20" West along the South line of the North ½ of the Southeast 1/4 of Section 10 a distance of 401.30 feet; thence North 01 degrees 21'04" West a distance of 670.20 feet; thence continue North 88 degrees 38'56" East a distance of 400.95 feet to a point on the West line of Section 11; thence continue North 88 degrees 38'56" East a distance of 661.89 feet; thence South 87 degrees 55'20" West a distance of 253.25 feet to the Point of Beginning.

# SITE PLAN



1131 SW SKYLINE LOOP

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

# Florida Department of Community Affairs Residential Performance Method A

Project Name: RIDES-ALLEN RESIDENCE Street: City, State, Zip: , FL , Owner: LILLIAN AND TERRANCE RIDES-ALLEN Design Location: FL, Gainesville	Builder Name: WIND TECH CONTRACTING Permit Office: COLUMBIA COUNTY Permit Number: Jurisdiction: 22/00 ()
1. New construction or existing 2. Single family or multiple family 3. Number of units, if multiple family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Windows	9. Wall Types a. Frame - Wood, Exterior b. Frame - Wood, Exterior c. N/A c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types a. Under Attic (Vented) b. N/A R= ft² c. N/A R= ft² c. N/A R= ft² 11. Ducts a. Sup: Attic Ret: Attic AH: Garage Sup. R= 6, 280 ft² 12. Cooling systems a. Central Unit Cap: 42 kBtu/hr SEER: 14 13. Heating systems a. Electric Heat Pump Cap: 42 kBtu/hr HSPF: 9.4 14. Hot water systems a. Natural Gas Cap: 40 gallons EF: 0.6 b. Conservation features None
Glass/Floor Area: 0.109 Total As-Built Modifie	15. Credits None  d Loads: 38.59 e Loads: 46.97
I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.  PREPARED BY: Aury Resmonds alc DATE: July 14, 2009  I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.  OWNER/AGENT: DATE:	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:

 Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with N1110.A.3.

r						PROJ	ECT						-		_
	_					PROJ	ECI								
Title: Building Owner: # of Un Builder Permit Jurisdic Family New/Ex Comme	its: Name: Office: ction: Type: kisting:	FLAsBuilt LILLIAN AN 1	ily	E RI C T TING V R	Bedrooms: Bathrooms: Conditioned Cotal Storie Vorst Case Rotate Angl Cross Venti Vhole Hous	l Area: s: e: le: lation:	4 0 176: 1 No 0 No No	2		Adress Lot # SubDiv PlatBod Street: County: City, St	ision: ok:	COLU , FL ,	Addres MBIA	s	
						CLIMA	ATE								
$\checkmark$		sign Location		MY Site	IEC0 Zone		esign .5 %	Temp 2.5 %		gn Temp Summer	Heatii Degree I		esign oisture	Daily T Ran	
	FL,	Gainesville	FL_GAIN	ESVILLE_REG	GI 2	o 1	32	92	75	70	1305.	5	51	Med	ium
						FLOO	RS								
V	#	Floor Type		Perin	neter	R	R-Valu	e	Area			Tile	Wood	d Carp	et
	1	Slab-On-Grad	e Edge Insulat	io 161.	.5 ft		5	1	761.76 ft			0	0	1	O.
						ROO	F								
$\checkmark$	#	Туре	Mat	erials	Roof Area	Gable Area		Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch	i		
-	1	Gable or Shed	d Compositi	on shingles	1857 ft²	294 ft²	2	Medium	0.9	N	0	18.4 de	eg		
						ATTI	С								
$\checkmark$	#	Туре		Ventilation	\	/ent Ratio	o (1 in	) A	теа	RBS	IRCC				
	1	Full attic		Vented		300		176	62 ft²	N	N				
						CEILIN	IG					- 100			
$\sqrt{}$	#	Ceiling Type			R-\	/alue		Area	16	Framing	Frac	Т	russ Ty	pe	
	1	Under Attic (	Vented)		3	0		1762 ft <sup>2</sup>		0.			Wood		
						WALL	s								
$\sqrt{}$	#	Ornt A	Adjacent To	Wall Type				Cavity R-Value	e Area	Shea R-V	thing alue	Framing	,	Solar Absor.	
	1	N	Exterior	Frame - Woo	d			13	1292 1		0.6	0.25		0.8	
	2		Exterior	Frame - Woo	d			5	1419.7	5 ft	0	0.25		0.8	
	3	8 <b>.</b>	Exterior	Frame - Woo	d			13	96 ft²		0	0.25		0.8	

1					D	oors						
$\sqrt{}$	#	Ornt	Door Type				Storm	ns	U-	-Value	Area	
	1	N	Wood				None	Э		0.39	21.11 ft²	
	2	***	Wood				None	€		0.39	21.11 ft²	
		Window orier	ntation below is as	entered. Ad	WIN	NDOWS	i fied by rota	ate angle	shown in "	'Project" sectio	n ahove	
./										rhang	ii dbovo.	
V	# (	Ornt Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area		Separation	Int Shade	Screenin
	1	N Wood	Double (Clear)	No	0.55	0.7	N	42 ft <sup>2</sup>	8 ft 0 in	1 ft 0 in	HERS 2006	None
	2	N Wood	Double (Clear)	No	0.57	0.56	N	90 ft <sup>2</sup>	1 ft 6 in	1 ft 0 in	HERS 2006	None
	3	N Wood	Double (Clear)	No	0.57	0.56	N	60 ft <sup>2</sup>	8 ft 0 in	1 ft 0 in	HERS 2006	None
				II	NFILTRATI	ON & V	ENTING					
$\checkmark$	Method	i	SLA	CFM 50	ACH 50	ELA	EqLA	s		Ventilation Exhaust CFM		Fan Watts
_	Default		0.00036	1664	7.08	91.3	171.8	(	) cfm	0 cfm	0	0
					GA	RAGE						
$\vee$	#	Floor Are	ea Ce	iling Area	Exposed	Wall Peri	meter	Avg. W	/all Height	Exposed	Wall Insulation	
	1	384 ft²	;	384 ft²		64 ft		8	3 ft	Mile	11	
					COOLIN	G SYS	ГЕМ					
$\vee$	#	System Type		Subtype			Efficiency		Capacity	Air Flow	SHR	Ductless
	1	Central Unit		None			SEER: 14	4:	2 kBtu/hr	1260 cfm		FALSE
					HEATIN	G SYS1	ЕМ					
$\sqrt{}$	#	System Type		Subtype			Efficiency		Capacity	Ductless		
	1	Electric Heat I	Pump	None		ŀ	HSPF: 9.4	4.	2 kBtu/hr	FALSE		
					HOT WAT	ER SYS	STEM					
$\checkmark$	#	System Typ	е		EF	Сар		Use	SetPnt		Conservation	
	1	Natural Gas			0.6	40 ga	al 7	0 gal	120 deg	l	None	
				SOL	AR HOT V	VATER	SYSTEM	//				
$\sqrt{}$	FSEC Cert #		Name		System Mod	101#	Call	ector Mo			Storage	·FF
	None		. Tallio		System Mo	JCI #	Colle	ector Mo	uel#		/olume F	EF
	140116	Hone								ft²		

							DUCTS						
$\checkmark$	#		upply R-Value	Area	Re Location	eturn Area	Leaka	ige Type	Air Handler	CFM 2	Percent 5 Leakage		RLF
	1	Attic	6 2	80 ft²	Attic	45 ft²	Defaul	Leakage	Garage				
						TEM	PERATU	RES					
Program	able Therr	mostat: N			C	eiling Fan	s:						
Cooling Heating Venting	[X] Jan [X] Jan [X] Jan	X Fe X Fe X Fe	b [X] N	Mar [X] Mar [X] Mar [X]	Apr Apr Apr	[X] May [X] May [X] May	[X] Jun [X] Jun [X] Jun	[X] Jul [X] Jul [X] Jul	[X] Aug [X] Aug [X] Aug	X Sep X Sep X Sep	[X] Oct [X] Oct [X] Oct	X Nov X Nov X Nov	[X] Dec [X] Dec [X] Dec
Thermosta	t Schedule	e: HERS 2	2006 Refer	ence				Hou	ırs				0000000
Schedule 7	уре		1	2	3	4	5	6	7	8	9 10	11	12
Cooling (W	(D)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78 78 78	78 78	78 78
Cooling (W	EH)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78 78 78	78 78	78 78
Heating (W	(D)	AM PM	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68 68	68 68	68 68
Heating (W	(EH)	AM PM	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	58 68 58 68	68 68	68 68

# **Code Compliance Cheklist**

# Residential Whole Building Performance Method A - Details

DRESS: , FL,				
ADDRESS:	PERMIT #:			
, FL,	LIMIT #.			

# INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK		
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	CHECK		
Floors N1106.AB.1.2.2  Ceilings N1106.AB.1.2.3		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.			
		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.			
		Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.			
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.			
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.			

# OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB.  Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

#### ESTIMATED ENERGY PERFORMANCE INDEX\* = 82

The lower the EnergyPerformance Index, the more efficient the home.

1.	New construction or exis	sting	New (	(From Plans)	9. Wall Types	Insulation A	rea
2.	Single family or multiple	family	Single	e-family	a. Frame - Wood, Exterior		.80 ft <sup>2</sup>
3.	Number of units, if multi	ple family	1		<ul><li>b. Frame - Wood, Exterior</li><li>c. N/A</li></ul>	R=13.0 1388. R=	.00 ft² ft²
4.	Number of Bedrooms		4		d. N/A	R=	ft²
5.	Is this a worst case?		No		10. Ceiling Types	Insulation A	rea
	Conditioned floor area (f	ft²) Description	1762	Area	a. Under Attic (Vented) b. N/A	R=30.0 1762. R=	ft²
	a. U-Factor: SHGC:	Dbl, default Clear, default		150.00 ft²	c. N/A 11. Ducts	R=	ft²
	b. U-Factor: SHGC:	Dbl, default Clear, default		42.00 ft <sup>2</sup>	<ul> <li>a. Sup: Attic Ret: Attic AH</li> <li>12. Cooling systems</li> </ul>	: Garage Sup. R= 6, 280 ft <sup>2</sup>	
	c. U-Factor: SHGC:	N/A		ft²	a. Central Unit	Cap: 42 kE	Btu/hr ER: 14
	d. U-Factor: SHGC:	N/A		ft²	13. Heating systems		
	e. U-Factor: SHGC:	N/A		ft²	a. Electric Heat Pump	Cap: 42 kE HSP	8tu/hr F: 9.4
8.	Floor Types a. Slab-On-Grade Edge	Insulation	Insulation R=5.0	Area 1761.80 ft²	<ol> <li>Hot water systems</li> <li>Natural Gas</li> </ol>	Cap: 40 ga	allons F: 0.6
	b. N/A c. N/A		R= R=	ft² ft²	b. Conservation features None		F. U.0
					15. Credits		None

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

adout on motanea oddo dompnant roataret		
Builder Signature:	Date:	GR.
Address of New Home:	City/FL Zip:	
		OD WE TROOP

\*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for 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 energygauge.com 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.

\*\*Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

STATE OF FLORIDA DEPARTMENT OF HEALTH CHSITE SEWAGE TREATMENT AND DISPOSAL

APPLICATION FOR CONSTRUCTION PERMIT

, 300	100-2101	m 17
	04-04	~ - PEt
PERM	T 10. A09	32971
DATE	128,200: 310v	0()
PER 1	PAID: SIL	7/09

APPLICATION FOR:  [X] New System [] Existing System [] Holding Tank [] Memberovative  [] Repair [] Abandonment [] Temporary []
APPLICANT: Terrence Afficm
ACENT: ROCKY FORD, A 6 B CONSTRUCTION TELEPHONE: 386-497-2311
MATLING ADDRESS: P.O. BOX 39 HT. WHITE, PL, 32038
TO BE COMPLETED BY APPLICANT OR APPLICANT'S ADTRORIZED AGENT. SYSTEMS MOST BE CONSTRUCTED BY A PERSON LICENSED FURSUANT TO 469.105(3) (a) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED OM/ID/YY) IT REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.
PROPERTY INFORMATION
LOT: 33 SLOCK: DA SUB: Cardinal Farms Unr PRATED: UNFC
PROPERTY ID 8: 10-68-16-03815-133 ZONING: RES. I/M OR EQUIVALENT: [ Y /W
PROPERTY STEE: 10 ACRES WATER SUPPLY:   PRIVATE PUBLIC ( ) <- 2000GPD ( )>2000GPD
IS SUMER AVAILABLE AS PER 381.0065, PS? [ Y N] DISTANCE TO SEWER: PT
PROPERTY ADDRESS: Skyline Loop, Fort White, FL, 32038
DERECTIONS TO PROPERTY: 47 South, TL on Berlong Road, TR on Skyline Loop,
After curve to left, 3rd lot on right
BUILDING NAMOSSATION ( ) RESTORMINAL ( ) COMMERCIAL
Unit Type of No. of Building Commercial/Institutional System Design No Establishment Bedrooms Exem Sqft Table 1, Chapter 64E-6, FAC
SF Residential 4 1762
2
3
[N] Floor/Equipment Prains (N) Other Poperity)
STGROUNDE: DATE: 6/22/2009
DH 4015, 10/97 (Previous Editions May Be Vsed) Fage 1 of 4





# STATE OF FLORIDA DEPARTMENT OF HEALTH APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number\_ -PART II - SITEPLAN ----Scale: 1 inch = 50 feet. 106' CPD 460 661 PÓ agi 410 Bra 645 Notes: Site Plan submitted by: MASTER CONTRACTOR Plan Approved

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

OH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used). (Stock Number: 5744-002-4015-6)

Page 2 of 4

County Health Department

4064

THIS INSTRUMENT WAS PREPARED BY: FIRST FEDERAL BANK OF FLORIDA 4705 WEST U.S. HIGHWAY 90 P.O. BOX 2029 LAKE CITY, FLORIDA 32056

ERMIT	NO.			

Inst:20	0912013548 Date:8/13/2009 Time:3:14 PM
15	DC.P. DeWitt Cason, Columbia County Page 1 of 1 B 1178 P:2775

TAX FOLIO NO.		

#### NOTICE OF COMMENCEMENT

STATE	OF FLORIDA Y OF _CU/	umbia
		areby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, is provided in this Notice of Commencement.
1.		property: 607 33 of An unrecorded subdivision known As CArolina As parcel of land in Secrems 10 and 11, Township & south, & EAST, Columbia Grany, Florida
2.	General descr	iption of improvement: Construction of Dwelling
3.	Owner Informs a. Name and 592 A	
	c. Name and	property: <u>Fee Simple</u> address of fee simple title holder (if other than Owner): <u>NONE</u>
4.	a. Contractor (	name and address): Wind Tech ConTracting Corp. Sw Main Blud, lake City FLJ 32025
		phone number _386 - 752 - 51//
5.	Surety: a. Name and a	oddress;
	b. Phone Num	ber
	c. Amount of b	ond:
6.	Lender:	FIRST FEDERAL BANK OF FLORIDA 4705 WEST U.S. HIGHWAY 90 P. O. BOX 2029 LAKE CITY, FLORIDA 32056 (386) 755-0600
7.	Persons within (1) (a) 7., Florid	the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 da Statutes: NONE
8.		imself, Owner designates <u>PAULA HACKER of FIRST FEDERAL BANK OF FLORIDA. 4705 West U.S. Hisbway 90 / P. O. Box</u> 7. Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9.	Expiration date	of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).
	RESULT IN YOR RECORDED A	OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713, 13, FLORIDA STATUTES AND CAN DUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY, A NOTICE OF COMMENCEMENT MUST BE IND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTERIBLE OBTAIN FINANCING, CONSULT ENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR DECORDING YOUR NOTICE OF COMMENCEMENT.  Signalure of Owner or Owner's Authorized Officer/Director Partner/Manager
		Signatory's Title/Office
	going instrument person) as	was acknowledged before me this Anday of August 2009, by CI/IIan B. RICLES - Allen (type of authority, e.g. officer, trustee, attorney in fact) for:  (name of party on behalf of whom-instrument was executed.
	į	NOTARY PURLIC STATE OF ELOPIDA

Eric Struble Commission # DD685132 Expires: JUNE 13, 2011 BONDED THRU ATLANTIC BONDING CO, INC.

Signature of Notary Public – State of Florida Print, Type, or Stamp Commission Name of Notary Public Commission Number:

Produced) Personally Known

Verification Pursuant to Section 92,525, Florida Statutes

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Signature of Natural Person Signing Above



# COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

#### ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE 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 SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) SHALL BE USED.

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

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

GENERAL REQUIREMENTS:

	APPLICANT - PL	EASE CHECK ALL APPI	LICABLE BOXES BEFORE SUBMITTAL	772 P. W. W. L. S. L.	Applicable	
	a not from a fill an analysis of the all the passes and	the state of the s	and the state of t	Yes	No	N/A
1	Two (2) complete sets of	olans containing the followi	ng:	V		
2	All drawings must be clea	r, concise, drawn to scale, d	letails that are not used shall be marked void	/		
3	Condition space (Sq.		Total (Sq. Ft.) under roof	IIIIIIII	ишш	Ш

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

#### Site Plan information including:

4	Dimensions of lot or parcel of land	~	
5	Dimensions of all building set backs	/	
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	Y	
7	Provide a full legal description of property.		

Items to Include-Each Box shall be

### Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS:  APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL  8 Plans or specifications must show compliance with FBCR Chapter 3  9 Basic wind speed (3-second gust), miles per hour  10 (Wind exposure – if more than one wind exposure		to Incluing Box shall ircled as olicable	
8	Plans or specifications must show compliance with FBCR Chapter 3	ШШ	ШП	ШШ
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	/		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)			
11	Wind importance factor and nature of occupancy	1		
12	The applicable internal pressure coefficient, Components and Cladding			
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.			

## **Elevations Drawing including:**

14	All side views of the structure		
15	Roof pitch	/	
16	Overhang dimensions and detail with attic ventilation	/	
17	Location, size and height above roof of chimneys	7	
18	Location and size of skylights with Florida Product Approval		
18	Number of stories		
20A	Building height from the established grade to the roofs highest peak		

## Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	V		
21	Raised floor surfaces located more than 30 inches above the floor or grade	1		1
22	All exterior and interior shear walls indicated			
23	Shear wall opening shown (Windows, Doors and Garage doors)	1		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)			
25	Safety glazing of glass where needed		1	
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)		/	
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)			V
28	Identify accessibility of bathroom (see FBCR SECTION 322)			

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plan (see Florida product approval form)

#### Items to Include-GENERAL REQUIREMENTS: APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTA Each Box shall be Circled as Applicable **FBCR 403: Foundation Plans** NO N/A Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing. 30 All posts and/or column footing including size and reinforcing 31 Any special support required by soil analysis such as piling. Pound Per Square Foot 32 Assumed load-bearing valve of soil 33 Location of horizontal and vertical steel, for foundation or walls (include # size and type) FBCR 506: CONCRETE SLAB ON GRADE 34 Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed) 35 | Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports FBCR 320: PROTECTION AGAINST TERMITES Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. 36 Protection shall be provided by registered termiticides FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls) Show all materials making up walls, wall height, and Block size, mortar type 38 Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect Floor Framing System: First and/or second story Floor truss package shall including layout and details, signed and sealed by Florida Registered 39 Professional Engineer Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers 41 Girder type, size and spacing to load bearing walls, stem wall and/or priers

42 Attachment of joist to girder

43 Wind load requirements where applicable
44 Show required under-floor crawl space

Show required covering of ventilation opening

Show required amount of ventilation opening for under-floor spaces

Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &

Show the required access opening to access to under-floor spaces

48	intermediate of the areas structural panel sheathing	
49	Show Draftstopping, Fire caulking and Fire blocking	
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309	
51	Provide live and dead load rating of floor framing systems (psf).	

#### FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Includ Each Box shall Circled as Applicable		
		YES	NO	N/A	
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	1			
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown				
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	1			
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems				
	Show sizes, type, span lengths and required number of support jack studs, king studs for shear				
56	wall opening and girder or header per FBCR Table 502.5 (1)			L	
57	Indicate where pressure treated wood will be placed	1			
58 59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas  A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	1			

### **FBCR:**ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	V		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer			
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters			
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	1	/	
64	Provide dead load rating of trusses	1		

## FBCR 802:Conventional Roof Framing Layout

-			
65	Rafter and ridge beams sizes, span, species and spacing		
	Connectors to wall assemblies' include assemblies' resistance to uplift rating	1/1	
67	Valley framing and support details		
68	Provide dead load rating of rafter system		1

# FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	1	/	
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	1		

#### FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	J

## FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Each E	to Includ Box shall reled as plicable	T. W. L. W.
	YEŞ	NO	N/A
73 Show the insulation R value for the following areas of the structure			
74 Attic space	//		
75 Exterior wall cavity			/
76 Crawl space			0
78 Exhaust fans locations in bathrooms 79 Show clothes dryer route and total run of exhaust duct	1		
	1		
Plumbing Fixture layout shown			
80 All fixtures waste water lines shall be shown on the foundation plan		1	
81 Show the location of water heater		1	
Private Potable Water			
82 Pump motor horse power	, , , , , , , , , , , , , , , , , , ,		
82 Pump motor horse power 83 Reservoir pressure tank gallon capacity 84 Rating of cycle stop valve if used	1/		

## Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	1	
86	Ceiling fans		
87	Smoke detectors & Carbon dioxide detectors		
88	Service panel, sub-panel, location(s) and total ampere ratings		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.		

90	Appliances and HVAC equipment and disconnects	
91	Arc Fault Circuits (AFCI) in bedrooms	

<u>Disclosure Statement for Owner Builders</u> If you as the applicant will be acting as an owner builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.

#### **Notice Of Commencement**

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

	Items to Include-
GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Each Box shall be
A CONTRACT OF THE PROPERTY OF	Circled as Applicable

#### THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	1		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested			
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	/		
95	City of Lake City A permit showing an approved waste water sewer tap		1	
96	Toilet facilities shall be provided for all construction sites			
97	<b>Town of Fort White</b> (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.		,	/
98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			1
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			
100	A development permit will also be required. Development permit cost is \$50.00		-	
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00).  All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.	/		
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	/		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

#### Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

#### Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

#### Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance (a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

#### If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

#### New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became nu and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

#### Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

#### The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applican will be notified by phone as to the date and time a building permit will b prepared and issued by the Columbia County Building & Zoning Department

# PRODUCT APPROVAL SPECIFICATION SHEET

INODOGIA	
Location: Jkyline Loop	Project Name: Allen

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at <a href="https://www.floridabuilding.org">www.floridabuilding.org</a>

about statewide product approva	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Masonite	Side hingeldoiberglass dour Unit	PL4668.1 /FL460
2. Sliding	Was Strict	0	
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
Single hung	YKK	vingl window	\$1.8880.1
Horizontal Slider	44	VII 341 VII 341	· ·
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			FL GRGR
1. Siding			FL 4899
2. Soffits			F14905
3. EIFS		Vinyl	F19905
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
Asphalt Shingles	EIK 16AF	30 year Shingles	FL586-RZ FL1814-121
2. Underlayments		30th feet	FU1814-121
3. Roofing Fasteners			
Non-structural Metal Rf			
Built-Up Roofing			
Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
Roofing Insulation	<del> </del>		
10. Waterproofing			
<ol><li>Wood shingles /shakes</li></ol>			

Category/Subcategory (cont.) Manufa	cturer   Product Description	Approval Number(s)
13. Liquid Applied Roof Sys		
14. Cements-Adhesives – Coatings		FU960-R1
15. Roof Tile Adhesive		
16. Spray Applied		
Polyurethane Roof		
17. Other		
E. SHUTTERS		
1. Accordion		
2. Bahama		
3. Storm Panels		
4. Colonial		
5. Roll-up		
6. Equipment		
7. Others		
F. SKYLIGHTS		
1. Skylight		
2. Other		
G. STRUCTURAL		
1. Wood connector/anchor		FL474721
2. Truss plates		
Truss plates     Busineered lumber		FL1008-121
Railing     Coolers-freezers		
6. Concrete Admixtures		
7. Material		
Insulation Forms     Plastics		
10. Deck-Roof		
11. Wall		
12. Sheds		
13. Other		
H. NEW EXTERIOR		
ENVELOPE PRODUCTS		
1.		
time of inspection of these products jobsite; 1) copy of the product appro and certified to comply with, 3) copy	emonstrate product approval at plan r s, the following information must be a oval, 2) the performance characteristi y of the applicable manufacturers inst	valiable to the inspector on the ics which the product was tested callation requirements.
I understand these products may ha	ave to be removed if approval cannot	be demonstrated during inspecti
11 1001 A	N.//-	
Contractor or Contractor's Authorized Agent S		Date Date

## Columbia County Building Department Culvert Permit

# Culvert Permit No. 000001755

DATE 08	/28/2009	PARCEL ID #	10-6S-16-03815-133				
APPLICANT	JON BROWN		PHONE	755-8699	-		
ADDRESS	2747 SW MAIN BLVD		LAKE CITY	FL	32025		
OWNER T	ERRANCE & LILLIAN ALLE	N	PHONE	386 438-5105			
ADDRESS _1	131 SW SKYLINE LOOP		FT. WHITE	FL	32038		
CONTRACTO	CTOR WILLIAM WOOD PHONE 755-8699						
LOCATION OF PROPERTY 47S, TL ON HERLONG RD, TR ON SKYLINE LOOP, AFTER CURVE, 3RD LOT							
ON LEFT OR 9TH LOT ON LEFT FROM HERLONG							
SUBDIVISION/LOT/BLOCK/PHASE/UNIT CARDINAL FARMS 10							
SIGNATURE (	Jan WB	·	_				
	INSTALLATION RE	QUIREMENTS	S				
X							
	<ul> <li>INSTALLATION NOTE: Turnouts will be required as follows:</li> <li>a) a majority of the current and existing driveway turnouts are paved, or;</li> <li>b) the driveway to be served will be paved or formed with concrete.</li> <li>Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.</li> </ul>						
	Culvert installation shall conform to the approved site plan standards.						
	Department of Transportation Permit installation approved standards.						
	Other	<u>C</u>					
	:						
	-						

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



## ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1TST8228Z0125163207

Truss Fabricator: Anderson Truss Company

Job Identification: 9-138--WindTech Allen -- , \*\*

Truss Count: 36

Model Code: Florida Building Code 2007 and 2009 Supplement

Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 8.07.

Structural Engineer of Record: The identity of the structural EOR did not exist as of

Address: the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-05 - Closed

Notes:

 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: HCUSR8228

Details: BRCLBSUB-A1101505-GBLLETIN-A1201505-A1301505-

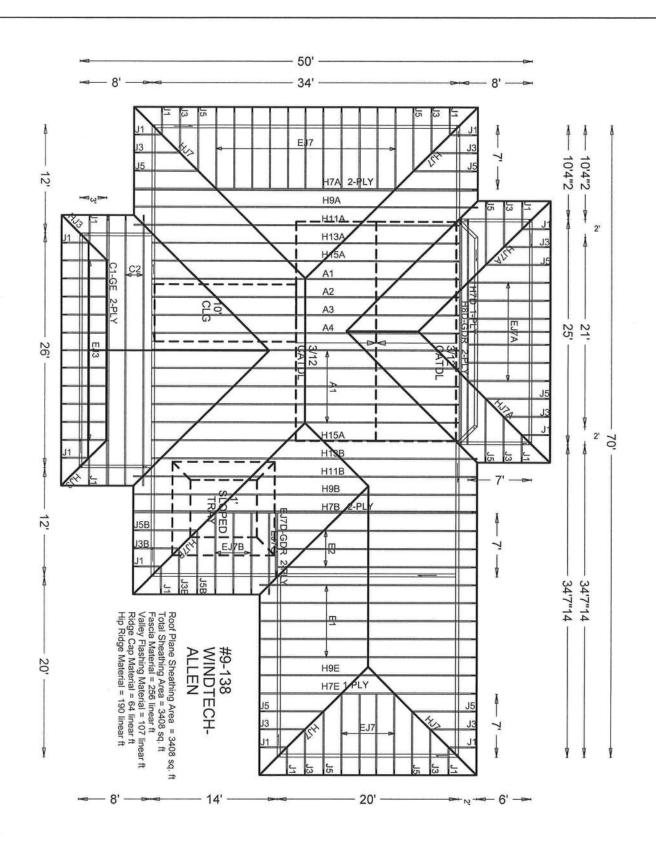
#	Ref Description	Drawing#	Date
1	75747 H7A	09176001	06/25/09
2	75748 H9A	09176002	06/25/09
3	75749 H11A	09176003	06/25/09
4	75750H13A	09176004	06/25/09
5	75751H15A	09176005	06/25/09
6	75752A1	09176006	06/25/09
7	75753 A2	09176007	06/25/09
8	75754 A3	09176008	06/25/09
9	75755 A4	09176009	06/25/09
10	75756 H7B	09176018	06/25/09
11	75757 H9B	09176019	06/25/09
12	75758H11B	09176020	06/25/09
13	75759 H13B	09176021	06/25/09
14	75760 C1 - GE	09176024	06/25/09
15	75761 C2	09176025	06/25/09
16	75762H8D-GDR	09176026	06/25/09
17	75763H7D	09176027	06/25/09
18	75764H7E	09176028	06/25/09
19	75765 H9E	09176029	06/25/09
20	75766 E1	09176030	06/25/09
21	75767 E2	09176010	06/25/09
22	75768J1	09176014	06/25/09
23	75769 HJ3	09176023	06/25/09
24	75770HJ7	09176031	06/25/09
25	75771 HJ7A	09176032	06/25/09
26	75772 HJ7B	09176017	06/25/09
27	75773J3	09176033	06/25/09
28	75774J5	09176034	06/25/09
29	75775 EJ7	09176001	06/25/09
30	75776EJ7A	09176035	06/25/09
31	75777 EJ7D - GDR	09176011	06/25/09
32	75778J3B	09176015	06/25/09
33	75779J5B	09176016	06/25/09
34	75780 EJ7B	09176013	06/25/09
35	75781EJ7C	09176012	06/25/09
36	75782 EJ3	09176022	06/25/09



41

Seal Date: 06/25/2009

-Truss Design Engineer-Doug Fleming Florida License Number: 66648 1950 Marley Drive Haines City, FL 33844



JOB NO: 9-138 PAGE NO: 1 OF 1 JOB DESCRIPTION:: WindTech /: Allen

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

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

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C.

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

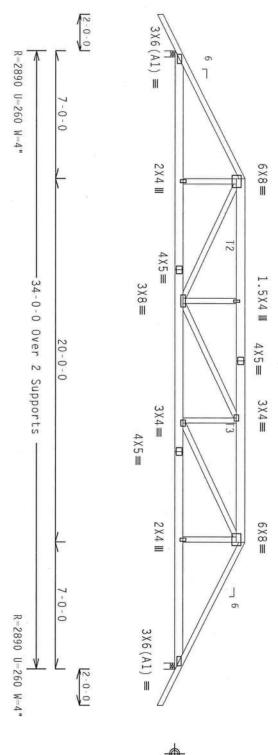
COMPLETE TRUSSES REQUIRED

Nailing Schedule: Top Chord: 1 Row @ Bot Chord: 1 Row @ Webs: 1 Row @ e: (0.131"x3"\_Gun\_nails)
v @12.00" o.c.
v @12.00" o.c.
v @12.00" o.c.

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

Roof overhang supports 2.00 psf soffit load

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



₹-10-3

Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=10%(0%)/0(0) 8.07

200 BLAS FLE

CENS

TC LL

20.0 PSF

DATE REF

06/25/09

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

Scale = .1875"/Ft. R8228- 75747

TYP.

Wave

MORIH LEE STREET, SULTE 312, ALEXA CHTERPRISE LANE, MADISON, WI 533 OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. REFER TO BCSI (BUILDI OUBER EXTREME CARE IN FARRICATION, INABBLING, SHIPPING, INSTALLING AND BRACING, NG COMPOSENT SACETY INDODANTION). POUR LISTED BY POUR (TRUSS COUNCIL OF ARETICAL, 218 A12, ALEXANDRIA, VA. 22314) AND WICK, (ADOD TRUSS COUNCIL OF ARETICAL, 218 A12, ALEXANDRIA, VA. 22314) AND WICK, (ADOD TRUSS COUNCIL OF FUNCTIONS, UNLESS CHOOL SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOL SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH THIS DESIGN CONTROLS. SHEPPING, HISTALLING A BRACHING OF TRUSSES, DESIGN CONTROLS ATTH APPLICABLE PROPUSIONS OF DROS (MATIDIAL DESIGN SPEC, BY AREA), AND THIS TO CONNECTION OF TALTES ARE HADE OF 20/18/166A (H.H/SS/N) ASIM A653 GRADE 40/60 (H. K/M.SS) GALV. STELL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION DER DINAFIRMS 166A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF THIS 200EX PER 10. THE TRUSS COMPONENT DESIGN SHOWN. THE SULFABLETY AND USE OF THIS CONFORMATION DESIGN SHOWN. THE SULFABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CC 78

DESIGN SHOWN. THE BUILDING DESIGNER PER

ORIO PIER No. 66648 09 BC LL DUR.FAC. BC DL TC DL SPACING TOT.LD. 40.0 10.0 PSF 10.0 PSF 24.0" 1.25 0.0 PSF PSF

JREF -

11218228201

SEQN-

HC-ENG

TCE / DF 32246

DRW HCUSR8228 09176001

FROM

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ 0$ Roof overhang supports 2.00 psf soffit load. #2 Dense #2 Dense #3

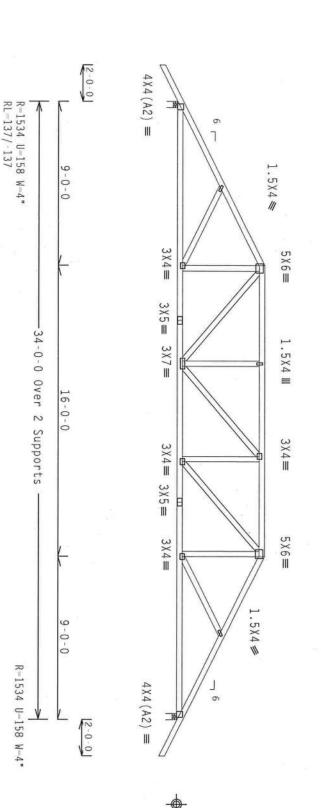
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/ )=0.18

Wind reactions based on MWFRS pressures

Bottom chord checked for 10.00 psf non-concurrent live load

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

(e)



-10-3

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CRUSS PLATE HASTIGHTE, 21B MORTH LEE STREET, SUITE 31Z, ALEXANDRIA, VA, 22314) AND WICA (ROOD TRUSS COUNCIL OF AMERICA, BOUGE FREET, SUITE 31Z, ALEXANDRIA, VA, 22314) AND WICA (ROOD TRUSS COUNCIL OF AMERICA, OWIERS STREET, MADISON, WI 5379) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARILS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CENTING

Design Crit: FBC2007Res/TPI-2002(STD)

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

00

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

Scale = .1875"/Ft.

PLT TYP.

Wave

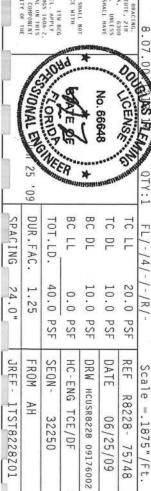
\*\*IMPORTANT\*\*SUBBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG. INC. SHALL NOT RE RESPONSIBLE FOR ANY DEFIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMAGE WITH THE TO: OR FARMICATING, MADDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

INSTALL COMPONES WITH APPLICABLE PROVISIONS OF RDS (RATIONAL DESIGN SPEC, BY AFAPA) AND IPI. COMPLICABLE PROVISIONS OF RDS (RATIONAL DESIGN SPEC, BY AFAPA) AND IPI. COMPLICABLE PROVISIONS OF RDS (RATIONAL DESIGN SPEC, BY AFAPA) AND IPI.

BUILDING DESIGNER PER ANSI, DRAWING INDICATES N. POSITION PER DRAWINGS 160A-Z
DZ SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT IS THE RESPONSIBILITY OF

ITW Building Components Group Inc. Haines City, FL 33844

ALPINE



TCE / DF 32250

06/25/09

11218228201

Bot b chord 2x4 SP #2 I t chord 2x4 SP #2 I Webs 2x4 SP #3 Dense

Roof overhang supports 2.00 psf soffit load

Calculated horizontal deflection is 0.15" due to live load 0.15" due to dead load.

and

lieu of structural panels use purlins to brace all flat TC  $^{\circ}$  OC.

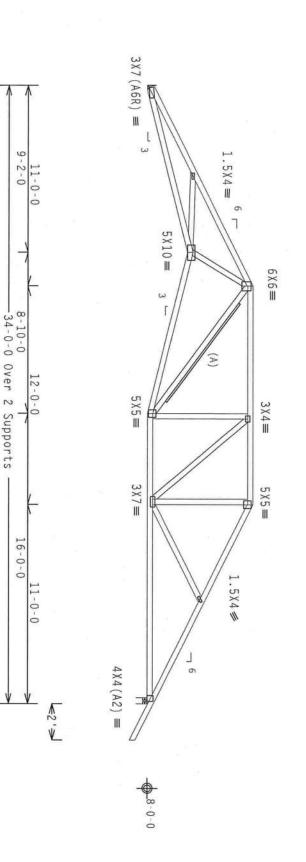
Deflection meets L/240 live and L/180 total load

110 mph wind, 15.00 ft mean hgt, ASCE 7-05. CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/ $^{\prime}$ )=0.18

Wind reactions based on MWFRS pressures

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

Bottom chord checked for 10.00 psf non-concurrent live load



10-3

MORTH LEE STREET, SUITE 312, ALEX ENTERPRISE LAME, MADISON, UI 53 OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. \*\*WARNING\*\* TRUSSES RE UHRE EXTREME CARE HE KARRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING.

13. ALEXANDRIA, VA. 22314) AND WICK (MODO TRUES COUNCIL OF ARREPICA. 2006.

14. S2229) FOR SAFETY PROBERT ANTACHED STRUCTURAL PARELS AND BUTTON CHORD SHALL HAVE

THORO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BUTTON CHORD SHALL HAVE. Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=10%(0%)/0(0) 8.07 COURT PA

TYP.

Wave

R=1403 U=128 RL=142/-131

R-1542 U-155 W-4"

0TY:1

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

DATE

06/25/09

REF

Scale = .1875"/Ft. R8228- 75749

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN IN THE INSTALLATION CONTRACTOR: ITW BCG. THE SHALL NOT INFORMATION FROM THIS DESIGN; ANY MALLURE TO BRILD THE TRUSS IN COMPORMANCE WITH INFO. INSTALLATION & BRACKING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRA) AND TRIT. ITW BCG CONNECTION PLATE, AND MOST TO 70/18/15GA (W.H.SSP), ASTH AGES JEAGHE 40/16G (M. K.F.LSS) GRADE 50/18/15GA (W.H.SSP), ASTH AGES JEAGHE 40/16G (M. K.F.LSS) GRADE 50/18/15GA (W.H.SSP). ASTH AGES JEAGHE 40/16G (M. K.F.LSS) GRADE 50/18/15GA (W.H.SSP). ASTH AGES TO EACH FACE OF TRUSS AND, UNKLESS OTHERWISE LOCATED ON THIS DESIGN, PORTITION FOR DESIGNATION OF THE ANY MATERIAL PROVIDED THE STORY OF THE STORY

DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RE BUILDING DESIGNER PER ANSI DESIGN SPIC, BY AERAYA AND TRI. ITH DCG
AND AND AND TRIL. APPLY
ON THIS DESIGN, POSITION PER DINAVINGS 160A-Z.
A 3 OF TRIL. 2002 SEC. 3. A SEAL ON THIS
ESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT
FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844

SONAL ENGINE CENS 90 BC LL BC DL TC DL DUR.FAC. SPACING TC LL TOT.LD. 1.25 40.0 20.0 PSF 24.0" 10.0 PSF 10.0 PSF 0.0 PSF

PSF

SEQN-

HC-ENG

TCE / DF 32255

DRW HCUSR8228 09176003

FROM

JREF -

1TST8228Z01

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

Calculated horizontal deflection is 0.15" due to live load 0.16" due to dead load. and

In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{"}$  OC.

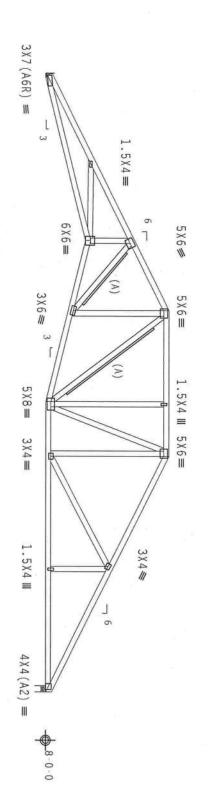
Bottom chord checked for 10.00 psf non-concurrent live load

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

Wind reactions based on MWFRS pressures.

(A)  $1x4\ \#3SRB\ SPF-S$  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





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

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

Scale =.1875"/Ft. R8228- 75750

DATE REF

06/25/09

TYP.

Wave

\*\*WARNING.\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HARDLING, SHIPPING, INSTALLING AND REACING, REFER TO BOS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE LEWAS PLATE INSTITUTE, ZIB HORTH LEE STREET, SUITE INS. ALEXANDRIA, VA, ZZIJAJ AND HIGA (MOOD TRUSS COUNCILS AND AMERICA, 6300 ENTREPRIS LINE, SUITE AND SOME, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERALSC LINGEACTED TO CORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*\*UNNISH, A COMP OF THIS DESIGN TO THE JUSTALIATION CONTRACTOR. ITW NCG. INC. SMALL NOT

BE RESPONSING FOR ANY OUTHATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH

THE ON FARMICATING. MANULING. SHIPPING. INSTALLING & BRACING OF TRUSSES.

DESIGN CONTROLS AND THE APPLICABLE PROPESSIONS OF HOS (MATIONAL DESIGN ESPE, BY AFRAN) AND PI.

CONNECTOR PLAIS ARE MODE OF 20/18/16/AA (M./MSSP). ASTH AGS GRADE 40/50 (M. K/M.SS) GAUV. SHELL. APPLY DRAWING INDICATES ACCEPTANCE CMATIONAL DESIGN SPEE, BY AFADA) AND TPL. ITH REG ) ASTH AGSS GADAY GUESGH, POSITION PER DRAHINGS 160A-Z. SE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A-Z. PER AMBER AS OF THIS DESIGN, POSITION PER DRAHINGS HOPOGET JABLERING RESPONSIBILITY SCREETY FOR THE TROSS COMPONET

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CQ \* "~~78

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



JREF -

11218228201

SEQN-

HC-ENG

TCE / DF 32261

DRW HCUSR8228 09176004

FROM

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

Calculated horizontal deflection is 0.16" due to live load and 0.17" due to dead load.

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

In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}}$  OC.

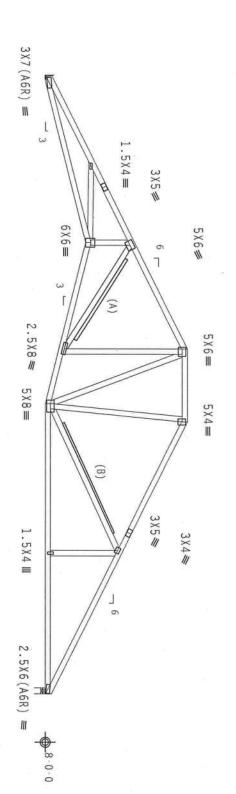
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

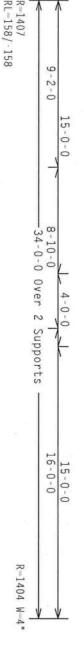
Wind reactions based on MWFRS pressures.

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

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

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





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

Scale =.1875"/Ft. R8228-

TYP.

Wave

R=1407

\*\*#ARNING\*\* TRUSSES REQUIRE ESTREME CARE IN FARRICATION, HANDLING, SHIPPING, HISTAILING AND BRACHIG. RETER TO BCSI. (BUILDING COMPONENT SAFETY MOMENTON), PUBLISHED BY FIT (FRESS PLATE HISTIDITE, 219 NORTH LEE STREET, SUITE 312, ALEXANDERA, WA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIEFERSIS LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. MILESS OTHEREMSE HOLDCARD TO MEDISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. MILESS OTHEREMSE HOLDCARD TO MEDISON SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

\*\* IMPORTANT\*\*\* "BURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT

RE RESONSTREE FOR ANY ORIGINATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMACE LITTLE

THE OR FARRICATING, MARDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONTROLS AND HOUSE OF 20/10/1664A (M. 1/957A) ASTH ACS GRADE 40/40 (M. K/M.2S) GALY, STEEL, APPLY

CONNECTOR PAIRS ARE MOUSE \$20/10/1664A (M. 1/957A) ASTH ACS GRADE 40/40 (M. K/M.2S) GALY, STEEL, APPLY DRAWING INDICATES HASTALLING & BRACING OF TRUSSES.
INSTALLING & BRACING DESIGN SPEC. BY AFRPA) AND TPI.
IN MYSS/K) ASTM A653 GRADE 40/60 (W. K/M.SS) GALV. THIS DESIGN, POSITION PER DRAWINGS 160A-2 OF TPI1-2002 SEC.3. A SIAL ON THIS

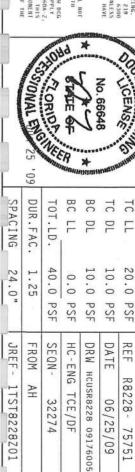
TW Building Components Group

ALPINE

FL CO 40 78

BUILDING DESIGNER PER ANSI/TPI I SEC





TCE / DF 32274

06/25/09 75751

11218228201

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

Calculated horizontal deflection is 0.16" due to live load 0.16" due to dead load. and

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

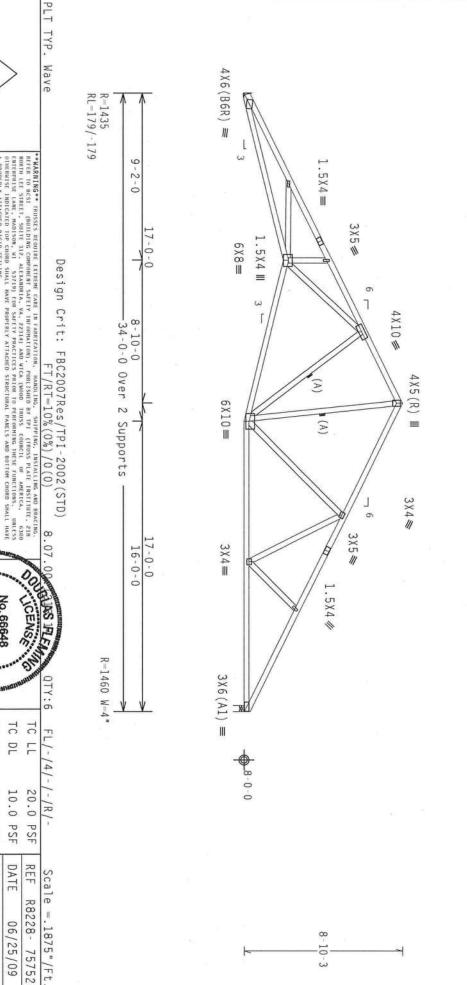
Deflection meets L/240 live and L/180 total load

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member

Bottom chord checked for 10.00 psf non-concurrent live load



TW Building Components Group Inc.

DRAWING INDICATES ACCEPTANCE

SUITABILITY AND USE OF THIS COMPONENT FOR

OF PROFESSIONAL ENGINEERING RESPONSIBILITY

THIS DESIGN, POSITION PER DRAWINGS 160A-Z OF TPIT-2002 SEC.3. A SEAL ON THIS AWA BRITCHING IS THE BESDONSTRIFTLA OF THE

SSONAL ENGINEE

BC LL BC DL TC DL

0.0 PSF PSF

10.0 PSF 10.0 PSF

DRW HCUSR8228 09176006

TCE/DF 32283

DATE REF

06/25/09

09

DUR.FAC.

TOT.LD.

40.0

SPACING

24.0" 1.25

JREF -

11218228201

FROM SEQN-HC-ENG No. 6664

TC LL

20.0 PSF

R8228- 75752

SOLELY FOR THE TRUSS COMPONENT

ALPINE

REFER TO BCSI (BUILDING COMPONEN
MORTH LEE STREET, SUITE 312, ALEXA
EMTERRISE LANE, MADISON, MI 557
OTHERWISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CETLING.

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FALLIBE TO BUILD THE RUSS IN COMPORMANCE WITH TPI; OR TABELCATING, INSTITUTION, FORCE, INSTITUTION, INSTITUTION, BEACTING OF TRUSSES, DESIGN CONFIDENCE FOR TABELCATING, SHIPPLY INSTITUTION, INSTITUTION, INSTITUTION OF TRUSSES, DESIGN CONFIDENCE FOR THE APPLICABLE PROVISIONS OF THIS ARTHROUGH SHIPS, AND AND TPI. THE GO CONMICTION FLATES, AND TABLES OF THE APPLY ASTR AGES, DEADER 40/50 (M. X.J.) ASTR AGES, DEADER 40/50 (M. X.J

Haines City, FL 33844 FL Ct 78

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

Calculated horizontal deflection is 0.16" due to live load 0.17" due to dead load. and

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

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

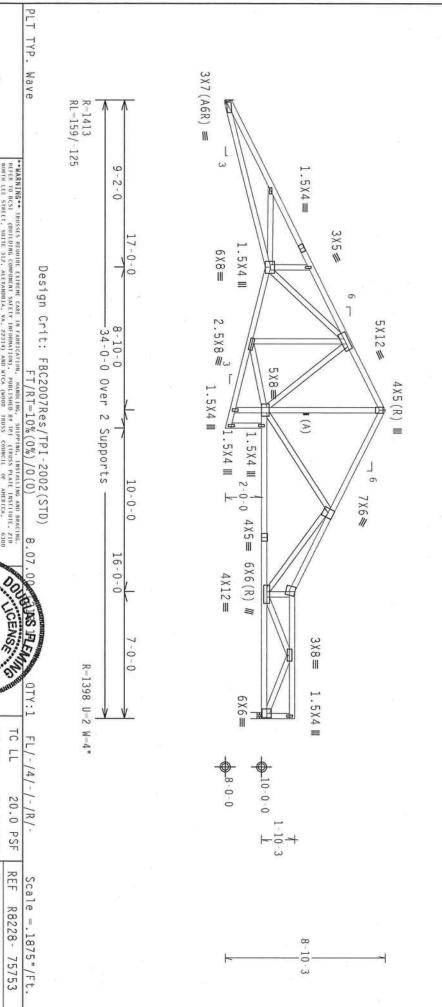
Laterally brace Bottom Chord above filler at 24" oc. including a lateral brace at chord ends.

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

Wind reactions based on MWFRS pressures

(A) Continuous lateral bracing equally spaced on member

Bottom chord checked for 10.00 psf non-concurrent live load



TW Building Components Group Inc.

PLATES TO EACH FACE OF TR ANY INSPECTION OF PLATES

DRAWING INDICATES ACCEPTANCE

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

ALPINE

\*\* IMPORTANT\*\* unusts, a copy of this design to the installation contractor. The deg. the csnall not the responsible for any of this design to the installation contractor. The deg. shall not the time of the contract of the

LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z
R ANNEX AS OF TPIT-2002 SEC.3. A SEAL ON THIS
ERING RESPONSIBILITY SQLELY FOR THE TRUSS COMPONENT

IS THE RESPONSIBILITY OF THE

.09

DUR.FAC.

1.25

FROM SEQN-

TOT.LD.

40.0

SPACING

24.0"

JREF -

1TST8228Z01

BC LL BC DL TC DL

0.0 PSF PSF

HC-ENG

TCE / DF

32306

10.0 PSF 10.0 PSF

DRW HCUSR8228 09176007

\*\*WARNING\*\* RUSSES REQUIRE EXTREME CARE IN FARRICATION, HARDLING, SHIPPING, INSTALLING AND BRACING. RELER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TEY (FUNSS PLATE INSTITUTE, ZIDE MORTH LEE STREET, SUITE 312, ALEXANDRALA, VA, ZEJIA) AND WITCA (MODOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THEST FUNCTIONS. HINLESS OTHERWISE INDICATED TO CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE

No. 66648

TC LL

20.0 PSF

REF

R8228-

75753

DATE

06/25/09

Haines City, FL 33844 FL CC 78

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

Calculated horizontal deflection is 0.15" due to live load and 0.16" due to dead load.

(A) Continuous lateral bracing equally spaced on member

In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\,^{\circ}}$  OC.

Bottom chord checked for 10.00 psf non-concurrent live load

Laterally brace Bottom Chord above filler at 24" oc. including a lateral brace at chord ends.

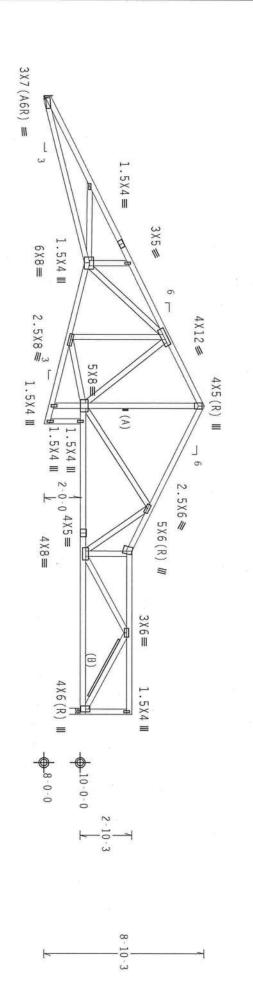
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/ $^{\prime}$ )=0.18

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure

(B) 1x4~#3SRB~SPF-S 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





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

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

Scale = .1875"/Ft R8228- 75754

PLT TYP.

Wave

REFER TO BCS! (BUILDING COMPONEN
MODETH LEE STREET, SUITE 312, ALEXA
ENTERPRISE LAME, MADISÓN, WI 537
OTHERBISE INDICATED FOR CHORD SHAL
A PROPERLY ATTACHED RIGID CELLING. 0300 00£9 8.07

\*\*\*IMPORTANT\*\*\*UNRISH, A.COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THY DEG. HE. SHALL NOT BE RESCONSIBLE TOO ARE DEFINED. HIS DESIGN, AND FALLUE TO BUILD THE RUSS IN COMPORANCE WITH THE OF THE PROPERTY OF THE PRO DRAWING INDICATES ACCEPTANCE CABLE PROVISIONS OF MOS (MALIDAM, DESIGN SPEC, BY ALRA) AND TPL.
THE RG
OF 701/18/16AC, HLYSSKY) ASTE ASSA CHARGE 40/60 (P. KJE, SS) AND YELSEL APPLY
SA AND, MALESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A-Z,
OLLOHED BY (1) SHALL BE FER AMEX A3 DF FRIT2002 SEC.3.

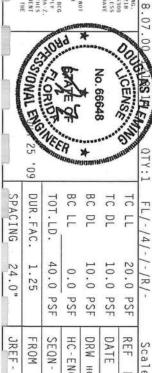
MCL OF PROFIESSIONAL LIGHTREETHIG RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS.

DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/IPI I SEC. 2. IS THE RESPONSIBILITY OF

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CC 78



HC-ENG

TCE/DF 32327

1TST8228Z01

DRW HCUSR8228 09176008

06/25/09

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

Calculated horizontal deflection is 0.14" due to live load 0.15" due to dead load. and

- (A) Continuous lateral bracing equally spaced on member
- In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Bottom chord checked for 10.00 psf non-concurrent live load

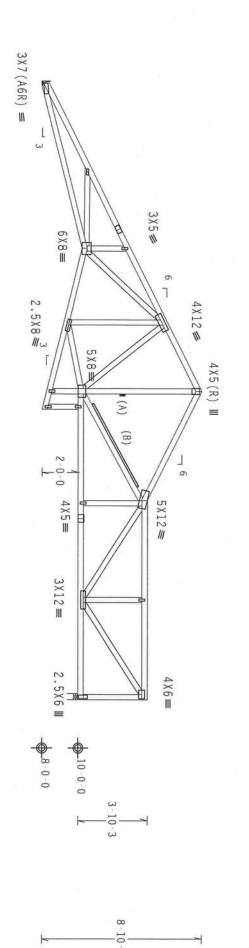
Laterally brace Bottom Chord above filler at 24" oc, including a lateral brace at chord ends.

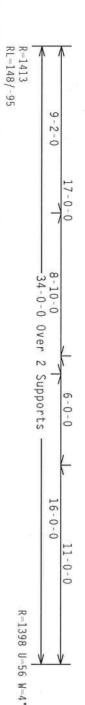
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/)=0.18

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure

- (B) 1x4 #3SRB SPF-S 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





Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP.

Wave REFER TO BOSI (BUILDING COMPONEN
MODELL LEE STREET, SUITE 312, ALEXA
ENTERPRISE LANE, MADISON, MJ 537
OTHERRISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING. Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=10%(0%)/0(0)

\*\*IMPORTANT\*\*GURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THE, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, AS FAILURE TO BUILD THE RUSS IN COMPORMANCE WITH TP: OR FARELACHING, SHEPPLING, INSTALLING & BRACING OF TRUSSES.

BESIGN COMPORES WITH APPLICABLE PROVISIONS OF NOS (MATHONAL DESIGN SPEC, BY AFAPA) AND TPI. THE ROCK CONNECTOR PLATES ARE MADE OF ZOJINJÍGGA (M. MJ/SZK) ANTH ASSO GRANE #0750 (M. MJ/MSS) GANC BERGE APPLICABLE APPLICABLE ARE MADE OF ZOJINJÍGGA (M. MJ/SZK) ANTH ASSO GRANE #0750 (M. MJ/MSS) GANC BOSLION PRES BUNGHISTS LOGA-Z.

PLATES TO LACH TAKE OF TRUSS AND. UNICESS OTHERSISL LOCATED ON THIS DESIGN, POSITION PRE BUNGHISTS LOGA-Z.

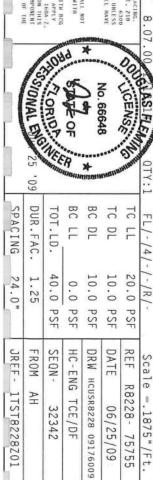
ANY HOSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS CONNECTION FOR THE TRUSS CONDENSITY.

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CC 78

DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI I SEC MATIONAL DESIGN SPEC, BY ARBAD, AMD TPL. ITH MGG ASIM A653 GRADE 40/50 (M. X.M.SS) GAAL, SEELL APPLY LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ERANEX AND FPIL-2002 SEC.3. A SEAL ON THIS ERANEX AND STRILLITY SOLELY FOR THE TRUSS COMPONENT IS THE RESPONSIBILITY OF THE .09



TCE/DF 32342

11218228201

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

Scale = .1875"/Ft. R8228- 75755

06/25/09

PLT TYP. Bot TW Building Components Group Inc. t chord 2x4 SP t chord 2x6 SP Webs 2x4 SP Haines City, FL 33844 FL CC 78 From 380 1323 123 (LUMBER ALPINE 20 Gauge HS,18 Gauge HS, Wave Conc. Conc. Conc. Conc. Conc. Conc. Conc. €2'\$  $3X5(A1) \equiv$ #2 Dense :T3 2x6 SP #2: #2 :B4 2x6 SP #1 Dense: #3 Load Load Load Load Load Load Load R=2531 U=225 20.3 a a a a a \*\*\*\*IMPORTANT\*\*\*QUBRISH A COPY OF 1HIS DESIGN TO THE RESTORMENT OF THE PROPERTY OF THE PROPERT \*\*MARNING\*\* IRUSSES REGULRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BOST (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB NORTH LEE STREET, SUITE 312, ALEXANDRIN, VA, ZEJJA) AND NICA (QUODD TRUSS COUNCIL OF AMERICA, GAGO THE RETRIPRISE LANE, MOUISON, VI 53719) FOR SAFETY PRACTICES PRIOR TO PERIORHIG THESE TRUCTIONS, UNLESS OTHERNIES INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE .00 20.94 22.94 26.98 20.13 20.94 22.94 0 1.5X4 W=4 24.94 24.94 Design Crit: =1.25) 10.00 13.00 27.00 36.00 0.00 20.33 22.33 22.33 29.67 34.00 36.00 20-4-0 4 X 8 ≡ 3-0-0 4 X 5 = ANY FAILURE NO. 18 ANY FAPA) AND IPL. (MATIONAL DESIGN SPEC, BY AFAPA) AND IPL. (MATIONAL DESIGN SPEC, BY AFAPA) AND IPL. 3 \ 4 ≡ FBC2007Res/TPI-2002(STD) INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT IN FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH o 34-0-0 Over FT/RT=10%(0%)/0(0) €X8 THIS DESIGN, POSITION PER DRAWINGS 160A-Z
OF TPII-2002 SEC.3. A SEAL ON THIS
ONSIBILITY SOLELY FOR THE TRUSS COMPONENT 2 Supports €X8<u></u> 4 X 1 0 ≡ 2-0-0 SS0919 = L. APPLY Nailing Schedule: (0.131"x3"\_Gun\_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. Deflection meets L/240 live and L/180 total load In lieu of structural panels use purlins to brace all flat TC  $24\mbox{"}$  0C. Roof overhang supports 2.00 psf soffit load 110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/)=0.18 σ COMPLETE 1.5X4 Ⅲ 8.07.0 reactions based on MWFRS pressures. NOUBLAS ITES -4-0 CENS No. 66648 €X6= 3 X 4 ≡ TRUSSES REQUIRED H0710≡ 2.5X6 2-0-0 2-4-0 .09 =9X9 R=3594 U=313 W=4" 4X6(A1) =3×9₩ 9 BC DL TC DL DUR.FAC. BC LL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-€2'\$ 20.0 40.0 10.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 09176018 Scale = .1875"/Ft R8228-TCE/DF 32432 06/25/09 75756

BUILDING DESIGNER PER ANS

24.0"

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

Roof overhang supports 2.00 psf soffit load

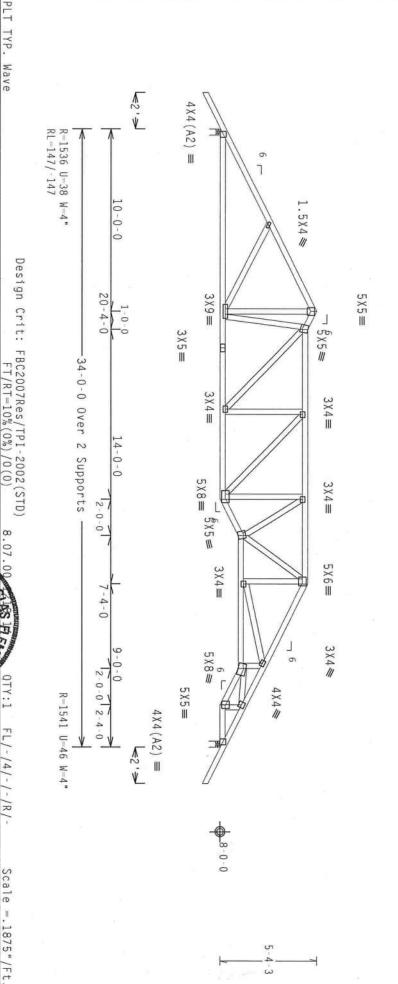
In lieu of structural panels use purlins to brace all flat TC 24" 0C.

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

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load

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



\*\*IMPORTANT\*\*FURBISH A COPY OF THIS DESIGN TO THE NORTH LEE STREET, SUITE 312, ALEX-ENTERPRISE LANE, MADISON, HI 533 OTHERWISE INDICATED TOP CHORD SHAI A PROPERLY ATTACHED RIGID CETLING REFER TO BOST ( OUTRE EXTREME CARE IN FABRICATION, HANDLING, NG COMPONENT SAFETY INFORMATION), PUBLISHED BY INSTALLATION CONTRACTOR. LING. SHIPPING, INSTALLING AND BRACHE,
HERD BY TPI (TRUSS PLATE HESTITHE 218
00D TRUSS COURCIL OF AMERICA; 6300
TO PERFORMING INSEST FUNCTIONS. UNLESS
TURAL PARELS AND BOTTOM CHORD SHALL HAVE CHORD SHALL HAVE

HE RESPONSIBLE FOR ANY DEVALUTION FROM HITS
TOTAL OR FARRE FACTING, HANDLING, SHEPPING, HE
DESLOW COMPLETOR FALLES ARE MADE OF 20/18/160A UNITALIST OF EACH FACE OF TRUSS AND, UNITESS OF DRAHING INDICATES ACCEPTANCE OF MDS (MATIONAL DESIGN SPEC. BY AFRPA) AND TPI. .H/SS/K) ASTM A653 GRADE 40/60 (N. K/H.SS) GALY. ANY BUILDING IS THE RESPONSIBILITY OF THE SIGN SPEC, BY AFAPA) AND TPI.

ITH BCG
NADE 40/60 (N. K/H.SS) GALY, STEEL. APPLY
THIS DESIGN, POSITION PER DRAWINGS 160A-Z O BUILD THE TRUSS IN COMPORMANCE WITH TRUSSES. 52 SEC. 3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT

TW Building Components Group Inc. Haines City, FL 33844

ALPINE



PSF PSF

> DATE REF

06/25/09

R8228- 75757

DRW HCUSR8228 09176019

TCE / DF 32444

JREF -

11218228201

FROM SEQN-HC-ENG

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

Roof overhang supports 2.00 psf soffit load

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

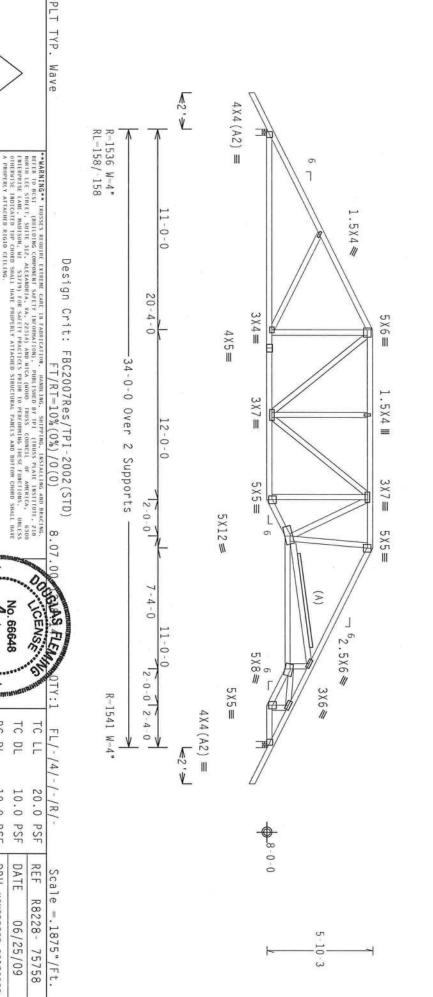
Bottom chord checked for 10.00 psf non-concurrent live load

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

Wind reactions based on MWFRS pressures

In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ .$ 

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



TW Building Components Group Inc. Haines City, FL 33844 FL CC 3 Jan 78

ALPINE

\*\*\*IMPORTANI\*\*\*\*UNUNUS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. INC. SHALL HOT BE RESONSTREET FOR ANY DETENTION FROM HIS DESIGNS, ANY FAILURE TO BUILD HE TRUSS IN COMPORMANCE ATTH. PPT: OR FARELCATING, HANDLING, SHIPPING, LISTALLING, A BRACLING OF TRUSSES, AND THE RESONSTREET, AND

SOLELY FOR THE TRUSS COMPONER

OF THE RESPONSIBILITY OF THE

09

DUR.FAC.

FROM SEQN-

TOT.LD.

40.0 1.25

SPACING

24.0"

JREF -

1TST8228Z01

BC DL TC DL

10.0 PSF 10.0 PSF

DRW HCUSR8228 09176020

DATE

06/25/09

0.0 PSF PSF

HC-ENG

TCE / DF

Top chord 2x4 SP Bot chord 2x6 SP Webs 2x4 SP TC From 62 PLF at -2.00 to 62 PLF at 3.00
TC - From 62 PLF at 3.00 to 62 PLF at 23.00
TC - From 62 PLF at 23.00 to 62 PLF at 23.00
TC - From 62 PLF at 23.00 to 62 PLF at 28.00
BC - From 4 PLF at -2.00 to 4 PLF at 26.00
BC - From 20 PLF at 26.00 to 4 PLF at 26.00
BC - From 4 PLF at 26.00 to 4 PLF at 26.00
BC - From 4 PLF at 26.00 to 4 PLF at 28.00
PLT 82 LB Conc. Load at (3.03.9.81), (22.97.9.81)
PLT 49 LB Conc. Load at (5.06.10.51), (7.06.11.51), (9.06.12.51)
(11.06.13.27), (13.00.14.24), (14.94.13.27), (16.94.12.51), (18.94.11.51) Note: THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER. See DWGS A130 requirements. AND FOR GABLE END IS DESIGNED TO SUPPORT 8" MAX RAKE OVERHANG SPECIAL LOADS (11.06,8.04), (20.94,8.04) TW Building Components Group Inc. MEMBER TO BE LATERALLY BRACED FOR OUT OF PLANE WIND LOADS TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS. BUILDING DESIGNER SHALL EVALUATE LOCATIONS. THE TRUSS ENGINEER IS LOAD MAGNITUDES AND LOCATIONS. DWGS A13015050109 & GBLLETIN0109 TYP. Haines City, FL 33844 FL CC 1/2 78 All Plates Are 1.5X4 Except ALPINE Wave B Conc. Load at B Conc. Load at (13.00,8.04). Dense \*\*TMPORTANT\*\* TURNESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. HEC. SHALL NOT BE RESCONSINCE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE TO BE FARMICAN ING. INNBILLING. SHIPPING. INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORES WITH APPLICANT PROVISIONS OF NOS (ANIIONAL DESIGN SPEC, BY AFAPA) AND PT. CONNECTOR PLATES ARE NOSE OF ZOTAPISON OF NOS (ANIIONAL DESIGN SPEC, BY AFAPA) AND PT. CONNECTOR PLATES ARE NOSE OF ZOTAPISON. REFER TO BCSI (BUILDING COMPONE)
MORTH LEE STREET, SUITE 312, ALEXA
ENTERPRISE LANE, MADISON, 41 533
OTHERWISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING. DRAWING INDICATES \*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BULLDING COMPONENT SAFETY INFORMATION), POBLISHED BRY FOI (BUSS PLATE HESTITUIE, 218 NORTH LEE STREET, SHIFE 172, ALEXANDRIA, VA. 22314) AND STEA (BOOD TRUSS COUNCIL O AMERICA, 6300 NORTH LEE STREET, SHIFE 172, ALEXANDRIA, VA. 22314) AND STEA (BOOD TRUSS COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SHIFE 172, ALEXANDRIA, VA. 22314) AND STEA (BOOD TRUSS COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SHIFE 172, ALEXANDRIA, VA. 22314) AND STEA (BOOD TRUSS COUNCIL OF AMERICA, 6300 NORTH STEAD STATEMENT OF AMERICA, 6300 NORTH STEAD STATEMENT OF AMERICA, 6300 NORTH STEAD STATEMENT OF AMERICA (BOOD STATEMENT OF AMERICA, 6300 NORTH STATEMENT OF AMER (3.03,8.04), (3.06,8.04), (4.06,8.04), (14.94,8.04). 15 2×6 for AND APPROVE LOAD MAGNITUDES
NOT RESPONSIBLE SP As Shown. more (22.97,8.04) (7.06,8.04), (9.06,8.04) , (16.94,8.04), (18.94,8.04) Design Crit: UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160a-2
BY (1) SHALL BE PER ANNEX AS OF TPT1-2002 SEC.3. A SEAL ON THIS 2-0-0 FBC2007Res/TPI-2002(STD) 3X4(A1)RT=10%(0%)/0(0) =2021 U=433 W=3.5" €X8= 3 X 4 ≡ CHORD SHALL 3 X 4 ≡ Top Chord: I Bot Chord: I In lieu of structural panels use purlins to brace all flat TC @  $0\text{C}_{\cdot}$ 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind psf. Iw-1.00 GCpi(+/-)-0.55 Webs Roof overhang supports 2.00 psf soffit load Use equal spacing between rows and stagger nails in each row to avoid splitting. 3 X 4 ≡ Deflection meets L/240 live and L/180 total load Nailing Schedule: COMPLETE 8.07 reactions based on MWFRS pressures 26-0-0 0 GOUGHAS! FLE SIONAL ENGINEE Over CENSE 3 X 7 = 8X8= 4X4= : (0.131"x3"\_Gun\_nails)
@12.00" o.c.
@12.00" o.c.
@ 4" o.c. 4×4= TRUSSES Supports 3 X 4 = 60 3 X 4 ≡ -4-3 REQUIRED BC DL TC LL 10 DUR.FAC. TOT.LD. FL/-/4/-PL 7-05, PART.\_ENC. bldg, Located TC DL=5.0 psf, wind BC DL=5.0 3 X 4 = )-7-13 €X8= 10.0 10.0 20.0 40. 0.0 0 R-2019 U-433 W-3.5 3X4(A1) = PSF PSF PSF PSF SEQN DATE REF FROM HC-ENG DRW HCUSR8228 09176024 Scale =.1875"/Ft. R8228-TCE / DF 32505 06/25/09 8-0-0 on on 75760

SPACING

24.0"

JREF -

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

In lieu of structural panels use purlins to brace all flat  $24\text{"}\ 0\text{C}.$ 

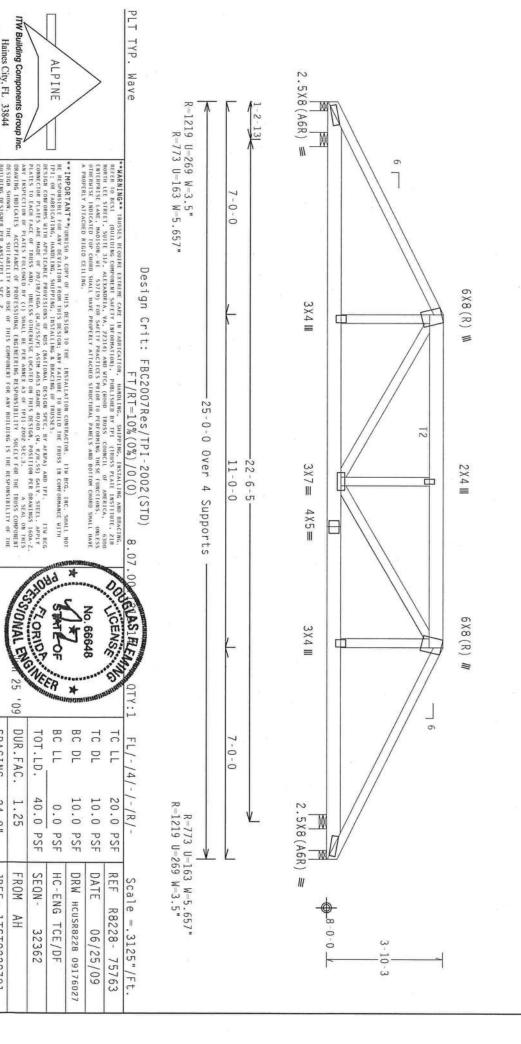
Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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



Haines City, FL 33844 FL CC 78

BUILDING DESIGNER PER ANSI

09

SPACING

24.0"

JREF -

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

Roof overhang supports 2.00 psf soffit load

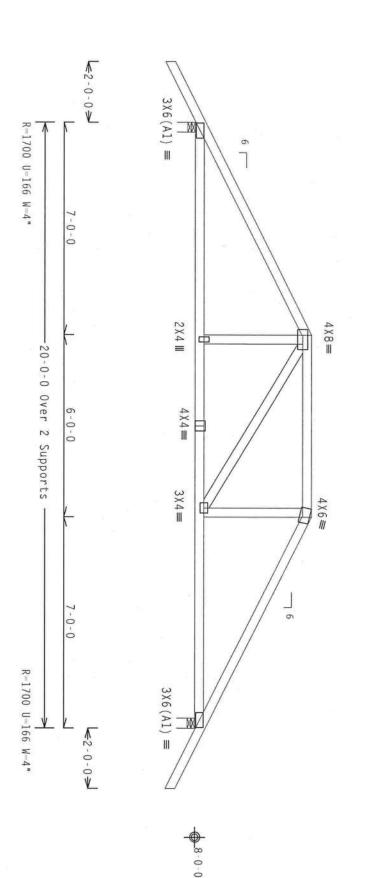
In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\prime\prime}}}$  OC.

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

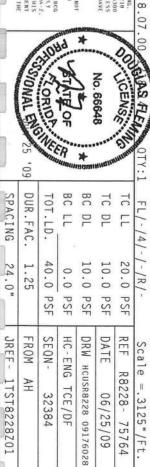
Wind reactions based on MWFRS pressures.

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

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



3 - 10 - 3



REFER TO BCS1 (BUILDING COMPONEN
MORTH LEE STREET, SUITE 312, ALEXA
ENTERPRISE LAKE, MADISON, VI 539
OTHERNISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING. \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDEING, SHIPPING, HISTAILING AND BRACING, REFER TO BCSI (BUILDING COMPONENT SAFEIT REFORMATION), PUBLISHED BY FIT (RBMS PLATE HISTITUTE, 218 NOUTH LEE STREET, SUITE 312 ALEXANDRIA, VA, 22314) AND NICA (MOND TRUSS COUNCIL OF ANGRICA, 6300 ENTERPRISE LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING DESCRIPTIONS. DRIESS

Design Crit: FBC2007Res/TPI-2002(STD)

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

TYP.

Wave

\*\*IMPORTANT\*\*TORIBBLISH A COPP OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG. HEC. SHALL NOT RESPONSING TORIBBLISH AS COPPORTED BY THE THE DESIGN THE AMP FALLINE TO BUILD THE HOUSE IN COMPONANCE WITH THE RESPONSING THE AMPLICABLE PROPERTY. HES ALL HE & BRACKER OF TRUSSES.

DESIGN COMPONES WITH AMPLICABLE PROPESSORS OF HIS (MAXICONAL DESIGN EXPECT BY AFRAYA) AND TPL.

DESIGN COMPONES WITH AMPLICABLE PROPESSORS OF HIS (MAXICONAL DESIGN EXPECT BY AFRAYA) AND TPL.

AMPLICABLE ON THE AMPLICABLE PROPESSORS OF HIS (MAXICONAL DESIGN EXPECT BY AFRAYA) AND TPL. SIGM NEEC, BY AFANA AND IFI. III BEG RADE 40/A0 (4. K.M. SS) GALV. STEEL, APRY THIS DESIGH, POSITION PER DRAHINGS 160A-2. OF TPIL-20DZ SEC.3. A SEAL ON THIS OMSIBILLITY SOLELY FOR THE TRUSS COMPONERS

BUILDING DESIGNER PER PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX IS THE RESPONSIBILITY OF THE

**ITW Building Components Group** Haines City, FL 33844 FL CO\* 110 ~78

ALPINE

Bot Roof overhang supports 2.00 p chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

psf soffit load

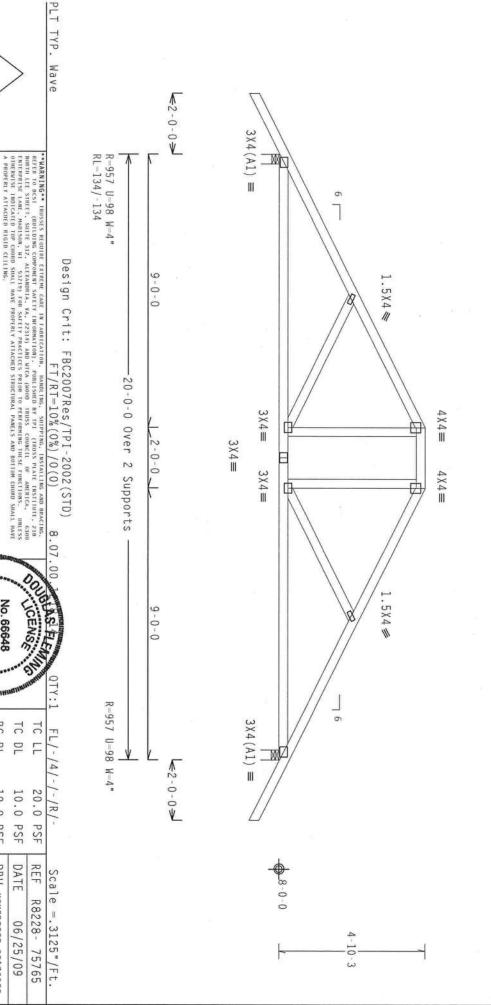
In lieu of structural panels use purlins to brace all flat TC 24" 0C.

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

Wind reactions based on MWFRS pressures

Bottom chord checked for 10.00 psf non-concurrent live load

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



TW Building Components Group Inc.

ALPINE

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT THE CONTRACTOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BRILD THE TRUSS IN CONFORMANCE WITH THE CONTRACTOR C

SIGH SPEC, BY AFANA) AND FPI. ITH RIGG RADE 40/50 (H. K/H. SS) GALY. STEEL. APPLY THIS DESIGN, POSITION PER BRANTHOS 160A-Z. OF FPI1-2002 SEC.J. A SEAL ON THIS DRIBLITY SOLLLY FOR THE FRUSS COMPOUNT ANY BUILDING IS THE RESPONSIBILLITY OF THE

SIONAL BASHIE

60

DUR.FAC. TOT.LD.

1.25 40.0

SPACING

24.0"

JREF -FROM

11218228201

No. 6664

BC DL BC LL

> 10.0 PSF 10.0 PSF 20.0 PSF

0.0

HC-ENG TCE/DF DRW HCUSR8228 09176029

PSF PSF

SEQN-

32390

TC DL TC LL

REF

R8228- 75765

DATE

06/25/09

RUSSES REQUIRE EXTREME CARE IN FABRICATION.
(BUILDING COMPONENT SAFETY INFORMATION).

SULTE 312. ALEXANDRIA

ODIBE EXTREME CARE IN FARRICATION. MANULING. SHIPPING, INSTALLING AND BRACING.
NG COMPONIN SAMELY BROBERT AND YEAR, HOUSE COMPOUND FROM THE HISTITLE, 218
312. ALEXANDRIA, VA. 22314) AND WICK, (MODO TRUES COMPOUND FRANCISCH, 200, 114, 453110) FOR SAFELY PRACTICES PRIOR TO REFERENCES AND BOTTOM COMD SHALL HAVE
CHOID SHALL HAVE PROPERTY ATTACHED STRUCTURAL PAREES AND BOTTOM COMED SHALL HAVE

Haines City, FL 33844

DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESP DESIGNATION. THE SULTABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

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

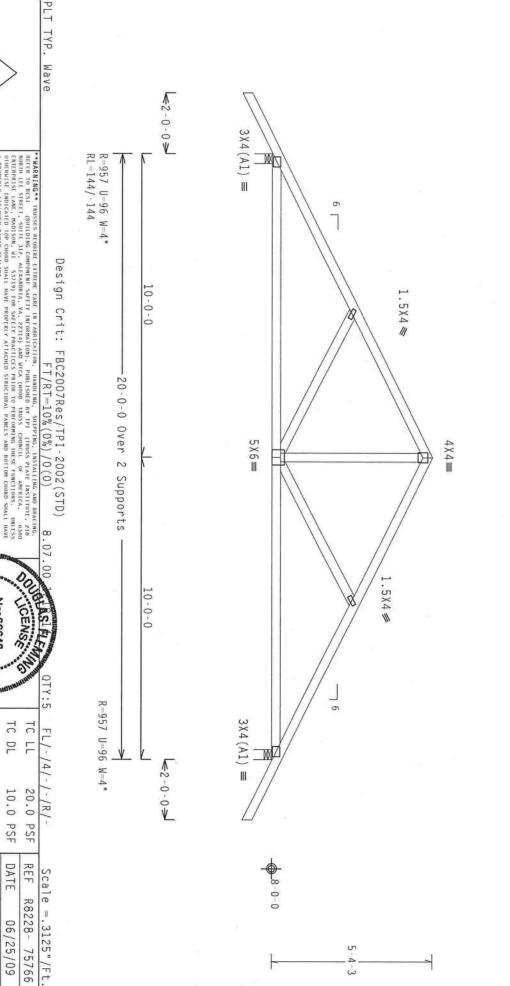
Roof overhang supports 2.00 psf soffit load

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

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

Wind reactions based on MWFRS pressures.

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



ITW Building Components Group Inc. Haines City, FL 33844 FL CO 78

BUILDING DESIGNER PER

DRAWING INDICATES ACCEPTANCE OF PRO

ALPINE

\*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW DCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFENTION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1: OR FARRICATING, UNDILING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPONES WITH APPLICANTE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAFA) AND TP1.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.M/SS/M) ASTM A653 GRADE 40/60 (M. K/M.SS) GAVE. SIEEL, APPLY

STOM SPEC, BY ATRON) AND TOT. ITH BEGS
RADER 40/50 (M. K/H.SS) GALY, STEEL, APPLY
VIHIS DESIGN, POSITION PER DRAWINGS 160A-2.
OF PPI-2002 SEC.3.
A SEAL OR THIS
OBSTRICTIY SOUGHT FOR THE TRUSS COMPONENT
ANY BUILDING IS THE RESPONSIBILITY OF THE

90

DUR.FAC.

TOT.LD.

40.0 1.25 24.0"

SPACING

JREF -FROM SEQN-

11218228701

BC DL

10.0 PSF 10.0 PSF

TC DL

DATE

06/25/09

BC LL

0.0 PSF PSF

> HC-ENG TCE/DF DRW HCUSR8228 09176030

32394

A PROPERLY ATTACHED RIGID CEILING.

24.0"

JREF -

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

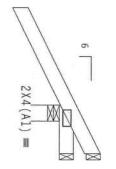
Roof overhang supports 2.00 psf soffit load

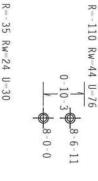
Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART.\_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.55

Wind reactions based on MWFRS pressures.

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







1-0-0 Over 3 Supports R-361 U-86 W-4" RL-34/-28

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

PLT TYP.

Wave

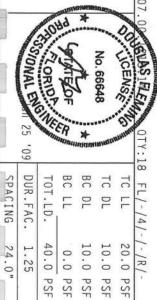
REFER TO BCS! (BUILDING COMPONEN
MORTH LEE STREET, SUITE 312, ALEXA
EMIEDRALS HAND, HI 537
OTHERRALSE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CELLING. 8.07

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARREACTING, HANDLING, SHEPPIG, HISTALLING A BRACELING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MIDS (MATIONAL RESIGN SPEC, BY AFREA) AND TPI. ITW SCC CONNECTOR PLAIRS ARE MADE OF 207183 FROM (HAJESSY) ASTH ASSO GRADE 40760 (H. K.M.SS) GALV. STREL, APPLY DLAIFS TO EACH FACE OF TRUSS AND, BRIESS OFFINANCE BOAR ALL OCATED ON THIS DESIGN, POSITION PUR DRAHLEGS BOAR AND ANY LURSPECTION OF FLATES FOLLOWED BY (1) SHALL BE FER AMENY AS OF FPI1-2002 SEC.3. A SEAL OR THIS DESIGN POSITION OF FLATES FOLLOWED BY (1) SHALL BE FER AMENY AS OF FPI1-2002 SEC.3. A SEAL OR THIS DESIGN POSITION OF FLATES FOLLOWED BY (1) SHALL BE FER AMENY AS OF FPI1-2002 SEC.3. A SEAL OR THIS DESIGN POSITION OF FLATES FOLLOWED BY (1) SHALL BE FER AMENY AS OF FPI1-2002 SEC.3. BUILDING DESIGNER PER ANSI ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS DRAWING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESP IS THE RESPONSIBILITY OF THE

TW Building Components Group Inc. Haines City, FL 33844 FL CC 78

ALPINE



PSF PSF

32215

HC-ENG TCE/DF

DRW HCUSR8228 09176014

DATE REF

06/25/09

Scale =.5"/Ft.

R8228- 75768

JREF -

11218228201

FROM SEQN-

(9-138--WindTech Allen --HJ3)

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

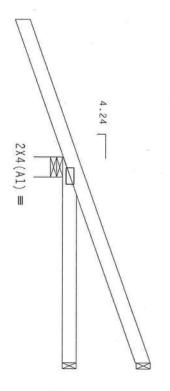
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

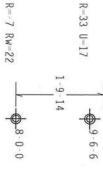
Hipjack supports 3-0-0 setback jacks with no webs.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART.\_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures







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

8.07

QTY:2

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

20.0 PSF

REF

R8228- 75769

Scale =.5"/Ft.

CENS

No. 66648

TC DL 10 LL

DATE

06/25/09

10.0 PSF 10.0 PSF PLT TYP.

Wave

REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY FP (THE MORTH LET STREET, SUITE 312, ALKANDRA, WA, 22314) AND MEDA, GUODO TRUSS COUNTRINES LANG, HADISON, HI SAFETY PRACTICES PRIOR TO PERFORMING OTHERWISE INDUCTION TO CORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AN A PROPERLY ATTACHED REGION CILLING. 

TP1: OR FARRICATING, HANDLING, SHIPPING, HISTALLING & MACIGNO FRUSERS,
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MES GNATIONAL DESIGN SPEC. DY AFRYA) AND TP1.

CONNECTOR PLAIR'S ARE MADE OF 20/10/166A (W.H/SS/P) ASTM AGS3 GRADE 40/00 (M. K/M.SS) GALV. STEEL. METALATION TANT \*TURNESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. THAT HOT HE RESCONSING FOR ANY DEVIATION FROM THIS DESIGN, ANY FALURE TO RULLE THE RUSS IN COMPORANCE WITH THIS OF PARTICATING, MARBLING, SHIPPING, INSTALLING & BRACING OF THESSEY. BUILDING DESIGNER PER ANSI BRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING BY AFAPA) AND TPI. ITW BCG
(N. K.H.SS) GALV. STEEL. APPLY
N. POSITION PER DRAWINGS 160A-Z.
OZ SEC. 3. A SEAL OF THIS
SOLELY FOR THE TRUSS COMPONENT

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CC 78

IS THE RESPONSIBILITY OF THE .09 DUR.FAC. BC LL BC DL SPACING TOT.LD.

40.0

SEQN-

32465

0.0 PSF PSF

> HC-ENG TCE/DF DRW HCUSR8228 09176023

24.0" 1.25

JREF -FROM

1TST8228Z01

(9-138--WindTech Allen --

INTO UND PREPARED FROM COMPUTER INFUT (CUADO & DIMENSIONO) SUBMITTED BY THUSS MIR.

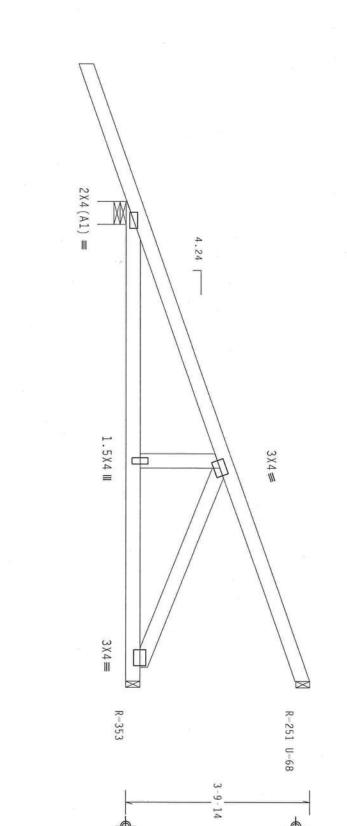
Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

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

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

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

Wind reactions based on MWFRS pressures.





-2-9-15

R = 540

A PROPERLY ATTACHED RIGID CEILING. \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. REFER TO BESS. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED NORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 27314) AND HEA (MOOD ENTERPRISE LANE, MADISON, M. 53719) FOR SAFETY PRACTICES PRIDE TO PUBLISHED BY THE (TRUSS PARE INSTALLING AND BRACING.
PUBLISHED BY THE (TRUSS PARE INSTITUTE, ZIB
MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300
ES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS /RT=10%(0%)/0(0)

Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave

\*\*\*IMPORTANT\*\*\*UBBISH A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW DCG, HCC. SHACL HOT BE RESPONSIBLE TOO ANY DETAILOR FOR HIS DESIGN, ANY FALURE TO BUILD THE TRUSS IN COMPORAGE HIS PP.: OR FABRICALING, MARILING, SHEPPING, INSTALLING, BRACHEGO FRUSSES.

BESIGN COMPORTS WITH APPLICABLE PROVISIONS OR HIS CONTROLAD BESIGN SPEC, BY AREAD, AND PP.

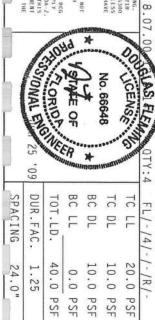
CHARTS TO EACH FACE OF TRUSS AND. BREES OTHERHISE LOCATED ON THIS DESIGN, POSITION PPR DHARING; MORACH HOT LATES TO EACH FACE OF TRUSS AND. BREES OTHERHISE LOCATED ON THIS DESIGN, POSITION PPR DHARING; MORACH HOT LATES TO EACH FACE OF TRUSS AND. BREES OTHERHISE LOCATED ON THIS DESIGN, POSITION PPR DHARING; MORACH AND THIS DESIGN AND PROBLEM FOR THE PROBLEM DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RE ITH SCE, BY AFRAN, AND IPI. ITH SCE ANDE 40/50 (M. KIM, SS) GAM, STEEL, APPLY ITHS DESIGH, POSITION PER DRAWING SGOA—20 ON IPI1-2002 SEC.3. A SEAL ON THIS WISIBLLITY SOLEL/ FOR THE TRUSS COMPORENT

ITW Building Components Group Inc. FL CC 78

DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC.

RESPONSIBILITY OF THE

ALPINE



PSF PSF

HC-ENG TCE/DF

DRW HCUSR8228 09176031

DATE REF

06/25/09

Scale = .5"/Ft.

R8228- 75770

SEQN-

32230

FROM

JREF-

1TST8228Z01

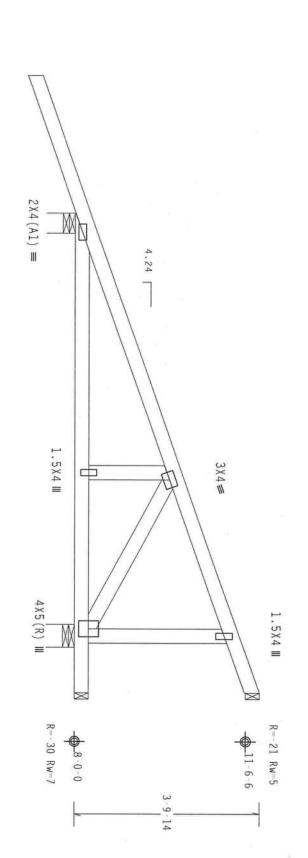
Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | #2 Dense #2 Dense #3

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.





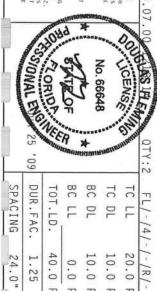
A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IPI; OR FARBICACHING, HADDLING, SHIPPIG, HISTALLING A BRACING OF TRUSSES, DESIGN CONTROLAND, THE PROPULSIONS OF THOS. (RATIONAL DESIGN SPICE, SY AREA), AND TPI. ITH BCG COMMECTOR PLATES ARE HADE OF 20/18/166A (M.H/SS/N), ASTH A653 GRADE 40/60 (M. K/H/SS) GALV. SHELL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (F) SHALL BE PER ANNEX AS OF THIS 200E SEC. 3. A SCAL ON THIS DRAWINGS HADE ANY INSPECTION OF PLATES FOLLOWED BY (F) SHALL BE PER ANNEX AS OF THIS 200E YEAR OF THE TRUSS COMPONENT OF THE DESIGN SHOWN. THE SHITARILLTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group

ALPINE

Haines City, FL 33844 FLCC 12378



- Constitution	OS/ONAL END 25 '09	TORIOT IN	STATE OF PRINT	\$ 100 mmm	NO SOSSA	ICENS OF
SPACING	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
JREF -	FROM	SEQN-	HC-EN	DRW H	DATE	REF
1TST8228Z01	АН	32351	HC-ENG TCE/DF	DRW HCUSR8228 0917603	06/25/09	R8228- 75771

176032

Scale =.5"/Ft.

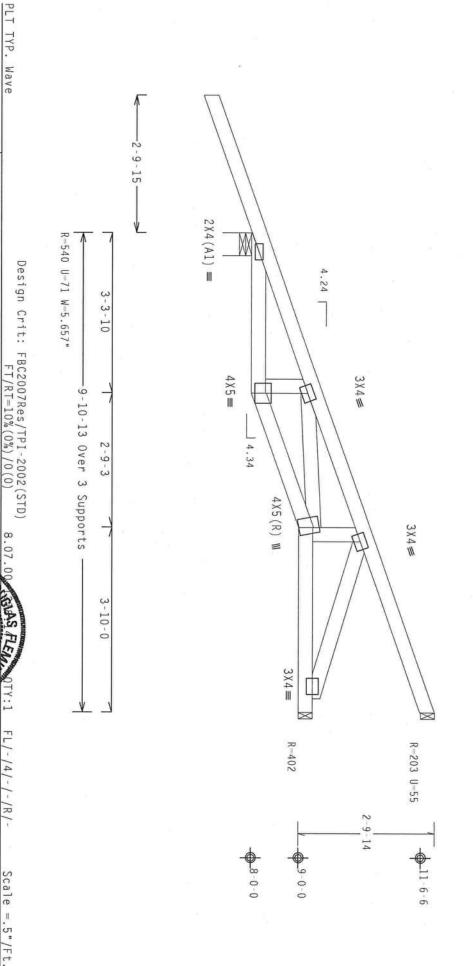
Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

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

Wind reactions based on MWFRS pressures.

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

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



REFER TO BOSI (BUILDING COMPONENT MODETH LIE STREET, SUITE 372, ALEXANE ENTERPRISE LANE, MADISON, MI 53719 OTHERWISE HUDICATED FOR CHORD SHALL A PROPERLY ATTACHED RIGID CEILLING.

CENSE

No. 66648

TC DL TC LL

REF

R8228- 75772

DATE

06/25/09

10.0 PSF 10.0 PSF 20.0 PSF

\*\*IMPORTANT\*\*\*URBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE HITH TPI; OR FARELATING, ANNULLIAG, SHEPLING, INSTALLING & BRACHE OF TRUSSES.

DESIGN CONTORNS HITH APPLICABLE PROPYSIONS OF BUS (AATIONAL DESIGN SPEC, BY ATRAY) AND TPI. ITH BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (M.H/SS/M). ASTM A653 GRADE 40/60 (M. K/M.SS) GALV. STEL. APPLY BLANCES TO EACH FACE OF TRUSS AND. UNLESS OTHERHIS LOCATED ON THIS DESIGN, POSITION PER DRAWHIGS 16GA-Z. DRAWING INDICATES ACCEPTANCE TIMBAL DESIGN SPEC, BY ATRYA) AND THI. ITH REG THY AGS JEANE AGGO (N. M. 185) GALV. STELL, ARRY NAMEY AS OF THE JORG SEC. TO SPER DRAWINGS 160A-Z. AMBY AS OF THE JORG SEC. TO SEC. BRANCH OF THE LING RESPONSIBILITY SOLELY FOR THE IRUSS COMPONENT

TW Building Components Group Haines City, FL 33844 FL CC 78

BUILDING DESIGNER PER ANSI/TPI I SEC.

ALPINE

IS THE RESPONSIBILITY OF .09 BC LL BC DL DUR.FAC. TOT.LD. SPACING

24.0"

JREF -

1TST8228Z01

40.0 1.25

SEQN-

32423

FROM

0.0

PSF PSF

> HC-ENG TCE/DF DRW HCUSR8228 09176017

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

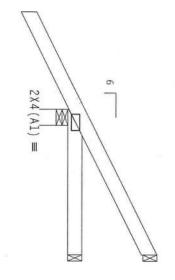
Roof overhang supports 2.00 psf soffit load

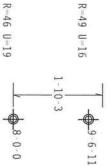
Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART.\_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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







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

PLT TYP. Wave

\*\*MARNING\*\* TRUSSES REQUIRE LYTREME CARE IN FARRICATION, MARDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BOST (DUILDING COMPONENT SAFETY INFORMATION), PRUEITSING BAY FFT (FRUSS PLATE INSTITUTE, 228 HORTH LEE STREET, SUITE 317, ALEXANDRA, VA, Z2314) AND NICA (400D TRUSS COUNCIL OF AMERICA, 630O ENTERPLISE LANE, MAISON, MI \$5379) FOR SAFETY PRACTICES PRIOR TO PERFORMENG HIESE FUNCTIONS. UNLESS OTHERWISE HOLDERS TAKENDED STREET PRACTICES PRIOR TO PERFORMENG HIESE FUNCTIONS. UNLESS OTHERWISE HOLDERS TAKENDED STREET PRACTICES PRIOR TO PERFORMENG HIESE FUNCTIONS. UNLESS OTHERWISE HOLDERS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

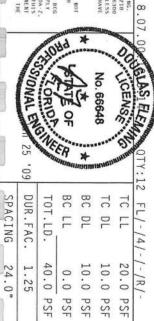
\*\*IMPORTANT\*\* TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH TPI: OR FARRICATING, MADILING, SHIPPING, INSTALLING A BRACTING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAFA) AND TPI. ITH BCG
CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/K) ASTM A653 GRADE 40/60 (M.K/M.SS) GAV. STEEL, APPLY
CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/K) ASTM A653 GRADE 40/60 (M.K/M.SS) GAV. STEEL, APPLY BUILDING DESIGNER PER ANSI/TPI 1 SEC DRAWING INDICATES ACCEPTANCE IN BEG. BY ATAMA) AND THE.

ADE 40/50 (M. KPH.SS) GALV. STEEL, APPLY
HIS DESIGN, POSITION PER DRAWINGS 160A-Z.
OF FPI1-2002 SCC.J. A SEAL ON THE
STEELLITY SOLLELY FOR THE TRUSS COMPORENT IS THE RESPONSIBILITY OF THE

TW Building Components Group Inc. FL CC 78

ALPINE



PSF

32221

HC-ENG TCE/DF DRW HCUSR8228 09176033

JREF -

1TST8228Z01

FROM SEQN- REF

R8228- 75773

Scale =.5"/Ft.

DATE

06/25/09

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

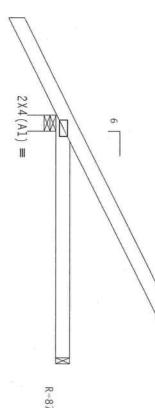
Roof overhang supports 2.00 psf soffit load

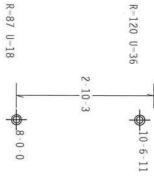
Bottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART.\_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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





-2-0-0-R=377 U=61 W=4" RL=80/-39 -5-0-0 Over 3 Supports

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

PLT TYP. Wave

\*\*\*MARNING\*\* PRUSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.

REFER TO BCS.

REFER TO BCS.

CHILDRING COMPOURN SAFETY INFORMATION), PUBLISHED BY THE (PRUSE PLATE INSTITUTE, 218

DORTH LE STREIT, SUITE 312, ALEXANDRIA, VA. 22214) AND WITCA (HODO TRUSS COUNCIL DE AMERICA, 6300

CHILDRISE INDICATED OF CHOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARILES AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED RIGID CELLING.

\*\*IMPOGIANT\*\*\*UNMYSM, A COMY OF THIS DESIGN TO THE IMSTALATION CONTRACTOR. THE REG. THAL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE ROUSS IN COMPORNANCE WITH THIS OR TABREGATING, AMBLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONTROLS ARE AGOD IN ZOTATIONAL OF THOS (MAISHONAL DESIGN ESPEC, BY AFAPA) AND TPI.

DESIGN CONTROLS ARE AGOD IN ZOTATIONAL OF THOS (MAISHONAL DESIGN ESPEC, BY AFAPA) AND TPI.

APPLY THE REC. THE PROPERTY OF THE RES. THE R DESCENDED FOR SHITH APPLICABLE PROPESSIONS OF MOS (MAIJONAL DESCENDANCE, ME MAINA) AND TPL.

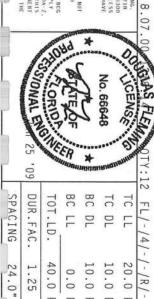
ITH MEDICAL CONTROL ON THE APPLICABLE PROPESSION OF MAINT ASSOCIATION PLATES ARE MADE OF ZOLINIJAN (MILESS ONDERS), ASTA MASSECTION OF PLATES FOR AND, UNLESS ONDERSIS COARTE ON THIS DESCEND, POSITION PER DRAWINGS 160A-Z.
ANY INSPECTION OF PLATES FORLOWED BY (1) SHALL BE PER MARKES AS OF TRILIZODE SEC.3. MELTICAL ON THIS COMPANIES.

ANALYSE OF AND THE PROPESSIONAL EMPERENTIAL RESONNESSILITY SOLELY FOR THE PROSS COMPONIENT

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/IPI I SEC. 2. IS THE RESPONSIBILITY OF

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ALPINE



	25 .09	INE	ER	**************************************	never!	WHI!
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	וכרר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1TST8228Z01	FROM AH	SEQN- 32225	HC-ENG TCE/DF	DRW HCUSR8228 09176034	DATE 06/25/09	REF R8228- /5//4

Scale = .5"/Ft.

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

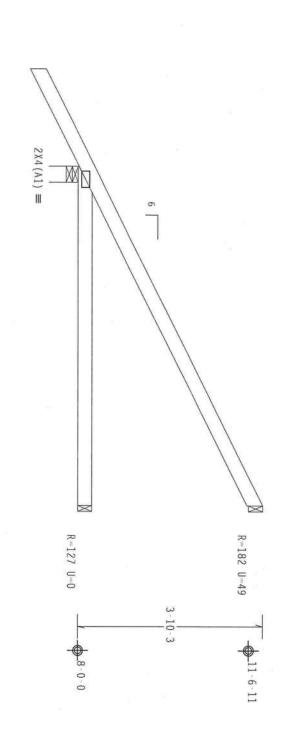
Roof overhang supports 2.00 psf soffit load

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

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

Wind reactions based on MWFRS pressures.

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





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

PLT TYP. Wave

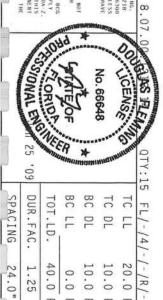
\*\*WARNING\*\* TRUSSES REDUTRE EXTREME CARE IN FARRICATION, MARDLING, SHIPPING, INSTALLING AND REACHD. REFER TO BCST. (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (FRISS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 137. ALEXANDRA, VA, Z2134) AND WICA (4000 TRUSS COUNCIL OF AMERICA, 6300 EXTERPENS LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOUGHAND FOR ANTON SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUES IN CONFORMANCE WITH FPI; OR FARELOCITION, ANDLING, SHEPPIG, INSTALLING & BRACHING OF TRUESES, AND AND FPI. ITH BGC CONFORMS HITH APPLICABLE PROVISIONS OF BUS (MATICHAL DESIGN SEEC, BY AFEA) AND FPI. ITH BGC CONFORMS HITH APPLICABLE PROVISIONS OF BUS (MATICHAL DESIGN SEEC, BY AFEA) AND FPI. ITH BGC CONFORMS HITH APPLICABLE PROVISIONS OF BUS (MATICHAL DESIGN SEEC). BY AFEA, AND HITS DESIGN FOR THE TRUES AND, UNLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION PER BRANINGS FOR THE TRUES AND AND THE BEAUTINGS FOR THE TRUES AND AND THE BEAUTINGS FOR THE TRUES COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CC 78



	LENG 25 .09	ON NEL	OF R	******	 	SAM
SPACING	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
JREF- 1TST8228Z01	FROM AH	SEQN- 9045	HC-ENG JB/DF	DRW HCUSR8228 09176001	DATE 06/25/09	REF R8228- 75775

Scale =.5"/Ft.

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

Roof overhang supports 2.00 psf soffit load

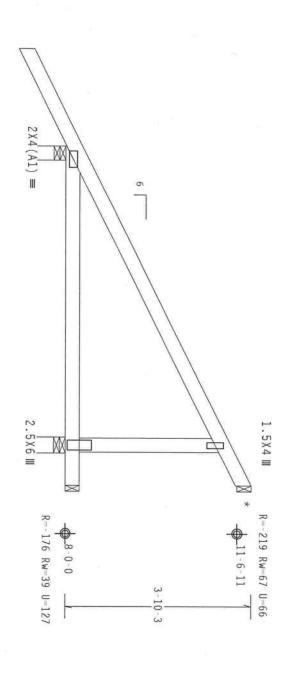
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Negative reaction(s) of -218# MAX. (S load case requires uplift connection. (See below) from a non-wind

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART.\_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.





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

TYP.

Wave

A PROPERLY ATTACHED RIGID CEILING. NORTH LEE STREET. \*WARNING\*\* TRUS JILDING COMPONENT SAFETY INFORMATION). PUBLI SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (V . SHIPPING, INSTALLING AND BRACING.
BY IPI (IRUSS PLATE INSTITUTE, 218
IRUSS COUNCIL OF AMERICA, 6300 UNLESS

\*\*IMPORTANT\*\* "numbish a copy of finis besign to the installation confeation. The med. Inc. shall not the responsibility for any deviation from this design, and failing to multo the fruss in comformate little first on fabricating, handling, shipping, installing a meacing of trusses. TP1: OR FABRICATING, HANDLING, SHIPPING, INSI-DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/ DRAWING INDICATES Y AFAPA) AND TPI. ITH BCG

W, K,H,SS) GALV. STEEL. APPLY
POSITION PER DRAHIMGS 160A-Z.
POSITION PER DRAHIMGS 160A-Z.
SEC.3. A SEAL ON THIS
SULELY FOR THE TRUSS COMPONENT

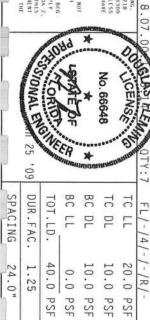
TW Building Components Group

ALPINE

Haines City, FL 33844 FL CC 78

DESIGN SHOWN. THE SUTIABILITY AND BUILDING DESIGNER PER ARSLYPPI I SEC

RESPONSIBILITY OF



PSF PSF

> HC-ENG TCE/DF DRW HCUSR8228 09176035

32346

DATE REF

06/25/09

Scale =.5"/Ft.

R8228- 75776

JREF -FROM SEQN-

1TST8228Z01

Top chord 2x4 SP #
Bot chord 2x6 SP #
Webs 2x4 SP # TC - From 62 PLF at 0.00 BC - From 20 PLF at 0.00 BC - 815 LB Conc. Load at SPECIAL LOADS (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
rom 62 PLF at 0.00 to 62 PLF at 7.00
rom 20 PLF at 0.00 to 20 PLF at 7.00 #2 Dense #2 #3 1.06,

Wind reactions based on MWFRS pressures.

62 PLF at 20 PLF at 3.06, 5.0

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

COMPLETE TRUSSES REQUIRED

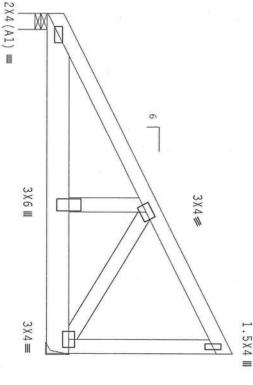
Top Chord: Bot Chord: Nailing Schedule: d: 1 Row : 1 Row (0.131"x3"\_Gun\_nails)
@12.00" o.c.
@ 4.50" o.c.
@ 4. 0.c.

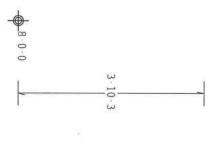
Webs

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

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

Right end vertical not exposed to wind pressure.





R=1699 W=4" 7-0-0 Over 2 Supports R=1323

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

PLT TYP.

Wave

REFER TO BCSI (BUILDING COMPONEN MORTH LEE STREET, SUITE 312, ALEXA EMISENTES LANE, MADISON, WI 537 OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGHT CEILING. IODIRE EXPERE CARE IN FAREICATION, INABULHO, SHEPPING, HESTALLING AND BRACING, ING COMPONENTS ASSETT IN BROWN ACTOR, CONTROL OF AMERICA, 200 BILL, ACCOUNTED A TO PERCHNIC OF AMERICA, 200 BILL, ACCOUNTED AND ACCOUNTED AMERICA, 200 BILL, ACCOUNTED AND ACCOUNTED AMERICA, 200 BILL, ACCOUNTED STALL HOLD ACCOUNTED AND ACCOUNTED AMERICA, ACC

\*\*IMPORTANT\*\*\* UBBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG. THE. SHALL HOT BE RESONASTRIC FOR ANY DEVIATION FROM THIS DESIGN; ANY MALUNE TO BUILD THE TRUSS IN COMPORMANCE WITH PP: OR FARRICATING, MADDING, SHIPPHME, INSTALLING A BRACING OF TRUSSES.
BESIGN COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN MOSPIC, BY AFRA), AND IPI.
COMMICTION PLATES ARE MODE TO ZO/TRAJORA (M.1M/SAY), ASTH MOSS GRADE MOSPIC, BY AFRA), AND IPI.
COMMICTION PLATES ARE MODE TO ZO/TRAJORA (M.1M/SAY). ASTH MOSS GRADE MOSPICATION. AFXPA) AND TPI. ITW BCG L, K/H.SS) GALV. STEEL, APPLY POSITION PER DRAHINGS 160A-Z. SEAL ON THIS

RESPONSIBILITY OF THE

TW Building Components Group Inc. Haines City, FL 33844 FL CC 78

BUILDING DESIGNER PER

ALPINE



40.0

SEQN-

32402

FROM

0.0 PSF PSF

> HC-ENG TCE/DF DRW HCUSR8228 09176011

10.0 PSF 10.0 PSF 20.0 PSF

> DATE REF

06/25/09 75777

Scale = .5"/Ft. R8228-

24.0" 1.25

JREF -

1TST8228Z01

(9-138--WindTech Allen --J3B)

IHIS DWG PREPARED FROM COMPUTER INPUT (LUADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Roof overhang supports 2.00 psf soffit load.

Shim all supports to solid bearing. Bottom chord checked for 10.00 psf non-concurrent live load.

Wind reactions based on MWFRS pressures.

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

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

2X4(A1) =1.5X4 Ⅲ 4 X 4 ==

R=43 U=6

1 - 10 - 3

R=28 U=3 0-0--4-0

-2-0-0->

R=317 U=37 W=4" RL=59/-35 3-0-0 20ver 03 Support8-0

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

TYP.

Wave

REFER TO BOSI (BUILDING COMPONENT MODERN LEE STREET, SUITE 312, ALEXAN ENTERORISE LANG, MANUSON, NI 5377 OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CELLING. \*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. SUITE 312, ALEXANDRIA, VA. 2231 ADISON, NI 53719) FOR SAFETY CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARES AND BOTTOM CHORD SHALL HAVE BEEN LAW. SHAPT HAS LAW THAT HAVE BEEN LAW. SHAPT HAS LAW THE HASTITURE. BEEN LAW THAT HAVE SHAPT HAS LAW THAT HAVE SHAPT HAVE SHAPT

\*\*IMPORTANT\*\*\*UBBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. THE, SHALL NOT BE RESPONSIBLE FOR ANY DEPYLATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE TEST OR FABRICARTHIS. ANNIHALIA. SHIPTIME. INSTALL THE A BRACING OF TRUSSES.

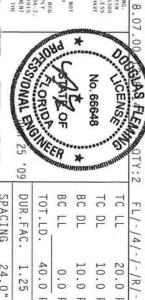
UESIGN COMPORTS WITH APPLICABLE PROVISIONS OF MOS (MARIDHAL DESIGN SPEC, BY AFRA) AND TPI.

CONNECTOR TALKES, ARE MADE OF ZE/TRIJERA (M. 19/SE/J. ASTH MOSS MADE MOSPEC, BY AFRA) AND TPI. BUILDING DESIGNER PER ANSI/IPI 1 SEC PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING ANY BUILDING IS THE RESPONSIBILITY OF BY AFAPA) AND TPI. ITH BCG
O(M., K/H.SS) GALV - STEEL, APPLY
GGA, POSITION PER DRAHINGS 160A-Z,
FOOD SEC.3. A SEAL ON THIS
SOLELY FOR THE IRUSS COMPONENT

ITW Building Components Group

ALPINE

Haines City, FL 33844 FL CC 78



	09			#IIthin	(II)
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	. 1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF
JRE	FROM	SF SEQN-		-	SF DATE
JREF - 1TST8228Z01	M AH	N- 32406	HC-ENG TCE/DF	DRW HCUSR8228 091760	E 06/25/09
8201		3,		91760	60/

20.0 PSF

REF

R8228- 75778

Scale =.5"/Ft.

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

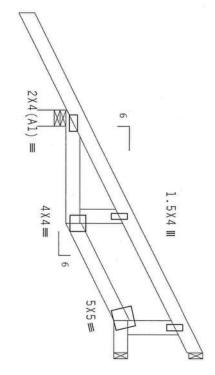
Roof overhang supports 2.00 psf soffit load.

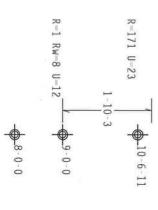
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MWFRS pressures.

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





2-10-3

1.5X4 III

R=379 U=32 W=4" RL=86/-44 -5-0-0 Over 3 Supports 2-4-0 2-0-0 0-8-0 -2-0-0-×

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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CHRUSS PLATE HASTITUTE, 218 MORTH LEE STREET, SUITE 317, ALEXANDRA, VA, 22314) AND MICA (400D TRUSS COUNCIL OF AMERICA, 620O EMPREPS) ELAME, MADISON, MI \$5719) FOR SAFETY PRACTICES PRIOR TO PERFORMENT HEST FUNCTIONS. UNLESS OTHERMISS INDICALED TOP CHRON SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

PLATES TO EACH FACE OF TRUSS AND. DULESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARREX AS OF TP11-2002 SEC.3. A SEAL ON THIS \*\*\*IMPORTANT\*\* questist a copy of this design to the installation contractor. Its deg. he. shall not the responsible for any deviation from this design, any failure to multip the TRUSS in componence with IPI: on Kabilcating, anabling, shipping, install no a bacing of thusses.

Design compones with applicable phopisions of ans (dational design asec, by afapa) and IPI. Considering that its are hadde to Equipsions of ans (dational design asec, by afapa) and IPI. Applicable phopisions of ans (dational design asec, by afapa) and IPI.

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT WG IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc. Haines City, FL 33844 FL CC 78

ALPINE

8.07

The same of the sa	ONAL ENE 25 '09	CORNOR	ME OF PRINT	*	O O O O O O O O O O O O O O O O O O O	CENS
SPACING	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
JREF- 1TST8228Z01	FROM AH	SEQN- 32411	HC-ENG TCE/DF	DRW HCUSR8228 09176016	DATE 06/25/09	REF R8228- 75779

Scale =.5"/Ft

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

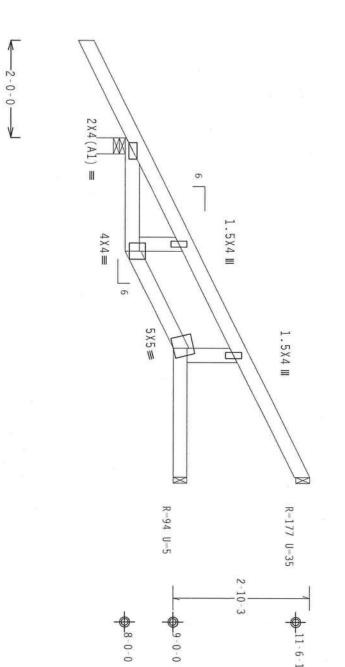
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures

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





2-0-0

2-8-0

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

oLT TYP. Wave

\*\*WARNING\*\* TRUSSES REGU REFER TO BCSI (BUILDING MORTH LEE STREET, SUITE 31 ENTERPRISE LANE, HADISON, A PROPERLY ATTACHED RIGID CEILING SESTA BEQUIEE EXTREME CARE DE FARRICATION. HANDLING. SHIPPING, INSTALLINE AND UNACHG.
QUILODING COMPONENT SAFETY INCOMPATION). PUBLISHED BY TPL (CHUSS PLATE INSTITUTE, 28
, SUITE 312, ALIXANDRIA, VA. 22314) AND NICA (WOOD TRUSS COUNCIL OF AMERICA. 6300
MADISON, NI 5579) FOR SAFETY PRACTICES PRIOR TO PERCONNING THESE FUNCTIONS. UNLESS
THAT SAFETY OF THE SAFETY OF THE SAFETY OF THE SAFETY AND BOTTOM CHOOD SHALL HAVE

\*\*IMPORTANT\*\* newsist a copy of this DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, HE. SHALL NOT ME RESPONSIBLE FOR ANY TEXTAIN FROM HIS DESIGN. ANY FALURE TO BRILLO THE FRUSS IN CONFORMACE WITH PILOR CAMBRICATING, HANDLING, SHIPPING, HESTAILING A BRACING OF TRUSSES.

DESIGN COMPONES WITH A PRELICABLE PROPERSIONS OF MOST AND AND REEC, BY AFAPA) AND FIL.

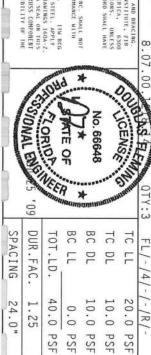
CONNECTOR ELATES ARE NOTE OF TO/AD/JOSA (M.H/SS/S), ASTH ACCOUNTED TO SEAD ANY, STEEL, APPLY CONNECTOR ELATES ARE NOTE OF TO/AD/JOSA (M.H/SS/S). THIS DESIGN, POSITION PER DRAWINGS 160A-Z
OF TPIL-2002 SEC.3.
ONSJBILLIY SOLELY FOR THE TRUSS COMPONENT
ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc. Haines City, FL 33844 FL CC 78

BUILDING DESIGNER PER ANSI/IPI 1 SEC.

DRAHING INDICATES

ALPINE



DATE REF

06/25/09

Scale =.5"/Ft.

R8228- 75780

HC-ENG TCE/DF

32416

DRW HCUSR8228 09176013

FROM SEQN-

JREF -

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

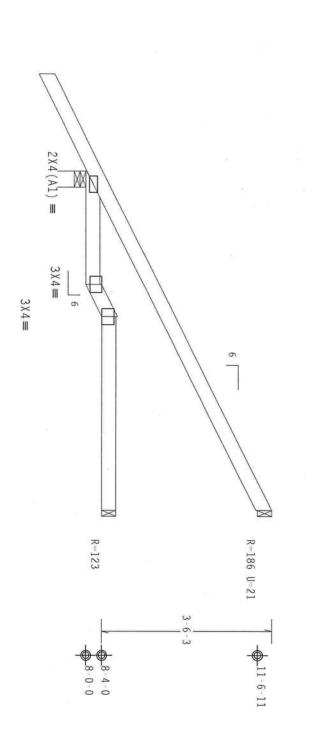
loof overhang supports 2.00 psf soffit load

3ottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MWFRS pressures

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



-2-0-0-y R=451 W=4" RL=71/-45 2-4-0

7-0-0 Over 3 Supports

4-0-0

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

LT TYP.

Wave

\*\*WARNING\*\* IRUSSES MEDUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (MUSS PLAIE INSTALLING AND BRACING, REFER TO BEST (MUSS PLAIE INSTITUTE, 218 MODIFI LEE STREET, SUITE 325, ALEXANDRA, VA, 22314) AND MICA (MODD TRUSS COUNCIL O AMERICA, 6300 ERRIBERISE LAME, MAISSON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNITESS OPHERISE INDICATED TOR CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAME PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAME

\*\*IMPORTANT\*\*GURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ARY FAILURE TO BUILD THE TRUSS IN COMFORMAGE WITH TPI: OR FABRICATING, MADILING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

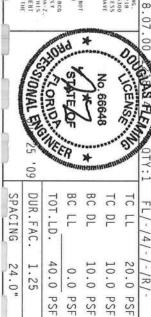
ESTICH CONFIGENCY WITH APPLICABLE PROVISIONS OF HOS CHAITONAL DESIGN SPEC, BY AFAFA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/M) ASTM A653 GRADE 40/40 (M. K.M.SS) GAVE. STEEL, APPLE
CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/M) ASTM A653 GRADE 40/40 (M.K.M.SS) GAVE. STEEL, APPLE MATIONAL DESIGN SPEC. BY AFAPA) AND TP1. ITM BCG
ASTH A653 GRADE 401/60 (M. K/H.SS) GALV. STEEL, APPLY
LOCACED ON THIS DESIGN, POSITION PER DRAHINGS 560A-Z
ER ANNEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS

ITW Building Components Group Inc. Haines City, FL 33844 FL CG 778

DRAWING INDICATES

ALPINE



PSF

SEQN-

32419

HC-ENG TCE/DF

DRW HCUSR8228 09176012

FROM JREF -

1TST8228Z01

DATE REF

06/25/09 75781

Scale =.5"/Ft. R8228-

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

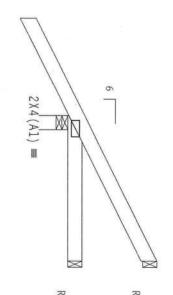
loof overhang supports 2.00 psf soffit load.

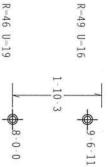
3ottom chord checked for 10.00 psf non-concurrent live load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART.\_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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







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

8.07.

QTY:11 FL/-/4/-/-/R/-

Scale =.5"/Ft.

R8228- 75782

LT TYP. Wave

REFER TO BOSI (BUILDING COMPONEN MODETH LEE STREET, SUITE 312, ALEXA EXAMPLE LEE STREET, SUITE 312, ALEXA ENTERPRISE LANGISON, WI 537 OTHERRISE INDICATED TOP CHORD SHALL A PROPERLY ALTACHED RIGID CETLING.

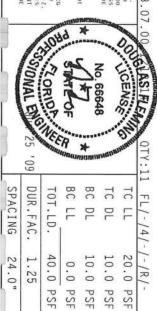
\*\*IMPORTANT\*\* TRUBESH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE DGG. HE. SHALL NOT HE RESCONSING FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH THI: OR FAMBLICATING, MANDLING. SHIPPING, HESTALLING & BRACING OF HOUSES. DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS CHAILONAL DESIGN SPEC. BY AFAPA) AND TPI. CONNECTOR PLATES ARE MORE OF TO/1871/GAG (M. H/S/S/M.) ASTH AGS) GRADE 40/60 (M. F/M.SS) GALV. STEEL, APPLY A

BUILDING DESIGNER PER ANSI/TPL 1 SEC DRAWING INDICATES SIGN SPEC. BY ARRAY AND TPI. ITM BCG RADE 40/60 (W. E/H.SS) GALV. STEEL, APPLY THIS DESIGN, POSITION PER DRAWHINGS 150A-Z OF TPII 2002 SEC.3. A SEAL ON THIS

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL Cr 778



,	.09
SPACING	DUR.FAC.
24.0"	1.25
JREF-	FROM
1TST8228Z01	АН

PSF PSF

SEQN-

32462

HC-ENG TCE/DF

DRW HCUSR8228 09176022

DATE REF

06/25/09

# CLB WEB BRACE SUBSTITUTION

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

# NOTES:

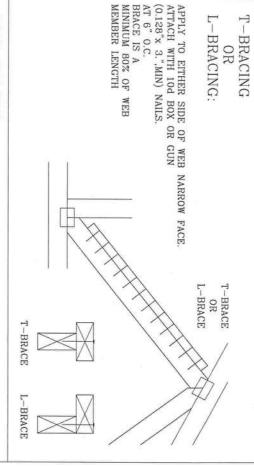
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

WEB	MEI	MEMBER SIZE	SPECIFIED CLB BRACING	RACI	NG C	LB	T	OR	ALTERNATIVE BRACING L-BRACE SCAB BR		BRACING SCAB BRACI
2X3	OR	2X4	1	RO	W			20	X4		1-2
2X3	OR	2X4	N	ROWS	WS			N	2X6		2-2X4
	2X6		1	RO	×			N	X4		1-2
	2X6		N	ROWS	WS			N	2X6		2-2X4(*)
	2X8		1	RO	W			N	X6	- 1	1-0
	2X8		N	ROWS	WS			N	2X6		2-2X6(*)

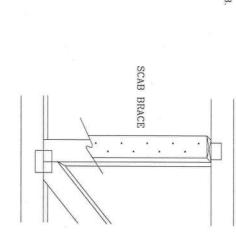
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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



# SCAB BRACING:

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



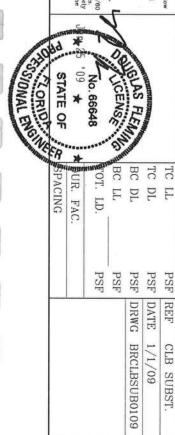


Earth City, MO 63045

\*\*WARNIGC\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme care in devicating, handling, shipping, installing and bracing. Refer to and follow
BYSI (Building Component Selety Information, by TPI and WTCA) for selety practices prior to performing
these functions. Installers shall provide temporary broning per BYSI. Unless noted otherwise, log clord
shall have properly attached structural panels and bottom chord shall have a properly attached rigid
ceiling, Locations shown for permanent lateral restraint of webs shall have bracing installed per BYSI
sections B3 & B7. See this job's general notes page for more information.

\*\*HUDGENAPT\*\* PURNISH COPY OF THIS BESIGN TO INSTALLATION CONTRACTOR.

ITS Building Components Group inc. (TYBEO) shall not be responsible for any deviation from this design, any feature to build the trusts in conformance with FPI, or fabricaling, handling, shipping, installing & non-yellow the state of the state of



**GABLE** VERTICAL LENGTH MAX SPACING SPECIES GRADE 16" 12" O.C. O.C. O.C. 24 ASCE GABLE VERTICAL SPF SPF SPF DFL DFL DFL SP SP SP HH H ~ -05: STANDARD STANDARD STANDARD STANDARD STANDARD STANDARD #1 STUD STUD STUD #3 #3 #3 #3 #3 #3 BRACE #2 #2 #2 110 4, 5, NO MPH 10 100046 0 0 0 0 0 0 GROUP A (1) 1X4 "L" BRACE \* (1) 2X4 "L" BRACE \* (2) 2X4 "L" BRACE \*\* 0 0 0 20 -2 WIND GROUP B SPEED, GABLE GROUP A STUD 1 0 8 GROUP B 9 10 10 MEAN HEIGHT, REINFORCEMENT DETAIL GROUP A 0 0 0 0 0 10,10 10 ω<sub></sub> 0 10 0 0 0 0 0 10 GROUP B 10 10,10 9 9, 10, 9 10 4 8 8 10 ENCLOSED, GROUP A (1) 2X6 "L" BRACE \* 10 2 2 2 GROUP B 14 14' 0" 14' 0" 10. 12 3,0,0,0,0,1 N 0 တ္ထ GROUP A (2) 2X6 "L" BRACE \*\* II 00000 00 0 0 .00, GROUP B 14' 0" 14' 0' 14' 0" EXPOSURE 0 0 00 GABLE END SUPPORTS LOAD FROM 4' 0" LIVE LOAD DEFLECTION CRITERIA IS L/240. PROVIDE UPLIFT CONNECTIONS FOR SPRUCE-PINE-FIR
#1 / #2 STANDARD
#3 STUD PLYWOOD OVERHANG. DOUGLAS FIR-LARCH BRACING GROUP SPECIES AND GRADES: GABLE TRUSS DETAIL NOTES: SOUTHERN PINE STANDARD STUD 0 HEM-FIR #1 & BTR #1 GROUP GROUP Kzt W A. H #3 STANDARD STUD #2 1.00



DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE

GABLE TRUSS

TOTAL LENGTH IS 14"

IN TABLE ABOVE. VERTICAL LENGTH SHOWN

BETTER DIAGONAL BRACE; SINGLE OR DOUBLE CUT (AS SHOWN) AT

18"

**(** 

**D** 

0

F 8

#2N OR BETTER

UPPER END.

2X4 STUD. #3 OR

CONNECT DIAGONAL AT

""WARNING" READ AND FOLLOW ALL NOTES ON THIS SHEFT!
Trusses require extreme one in fabricaling, shadpling, shippling, installing and bracing. Refer to and follow
RESI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing,
these functions installers shall provide temporary bracing per PESI. Unless noted atherwise, top chord
shall have properly attached structural panels and bettom chord shall have a properly attached rigid
celling. Locations shown for permanent lateral retractant of webs shall have bracing installed per BCSI
sections B3 & B7. See this job's general notes page for more information.

any follure to build the truss in con any follure to build the truss in connect trusses. ITWBCG connects bracing of trusses. ITWBCG connector plates are made of 20 (K/W/H,S) galv. steel. Apply plates to each face of truss, po A seal on this drawing or cover page indicates acceptance as BT. See this job's general power of the CONTRACTOR.

FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ICC: www.iccsafe.org any building

Earth City, MO 63045

DOUGLAS FIR-LARCH SOUTHERN PINE STANDARD

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" CONTINUOUS BEARING (5 PSF TC DEAD LOAD). 80 PLF OVER

ATTACH EACH "L" BRACE WITH 10d NAILS (0.128"x3" min)

\* 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.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

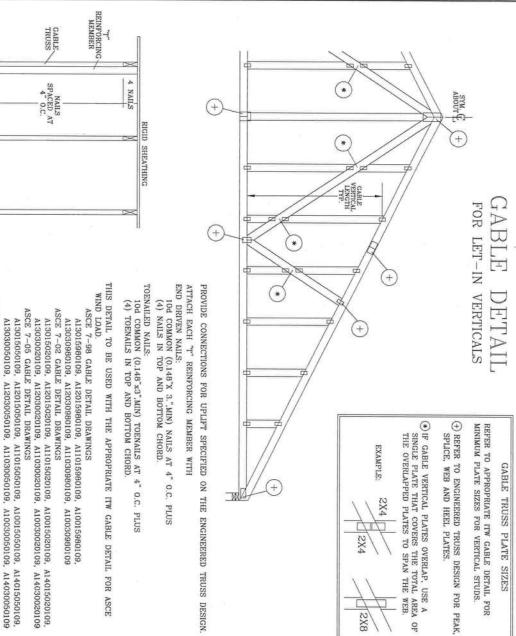
3X4	L	SREATER THAN 11' 6"	REAT
2.5X4	BUT	LESS THAN 11' 6"	REAT
1X4 OR 2X3	-	THAN 4' 0"	ESS '
NO SPLICE	-	VERTICAL LENGTH	VE
E SIZES	PLAT	GABLE VERTICAL PLATE SIZES	GAB

REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH CONTINUOUS BEARING \* MAX. TOT. E 60 PEAK, SPLICE, PSF REF AND HEEL PLATES. A11015050109 1/1/09 ASCE7-05-GAB11015 203

MAX.

SPACING

24.0



"T" REINFORCEMENT ATTACHMENT DETAIL

REINFORCING

"T" REINFORCING MEMBER

TOENAIL OR ENDNAIL

TO CONVERT FROM "L" TO "T" REINFORCING MULTIPLY "T" INCREASE BY LENGTH (BASED APPROPRIATE ITW GABLE DETAIL) MEMBERS,

WEB LENGTH INCREASE W/ MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD. "T" BRACE

30 FT	90 MPH	15	90 MPH	30	100	15	100	30	110	15	110	30	120	15	120	30	130	15	130	30	140	15	140	AND
FT	ſРH	FT	MPH	FT	MPH	FT	MPH	FT	MPH	FT	MPH	FT	MPH	FT	MPH	FT	MPH	FT	MPH	FT	MPH	FT	MPH	SPEED
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	"T" REINF. MBR. SIZE
30 9	20 %	20 3	20 5	40 9	10 %	30 5	20 9	50 %	10 %	40 :	10 %	40 :	10 %	50 5	10 5	50 %	10 9	50	10 9	50	10 3	50	10	"T"
%	24	39	29	39	9.4	74	34	24	2/4	24	94	%	9.4	39	%	74	29	24	74	%	24	24	%	ASE

## EXAMPLE:

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10 (1) 2X4 "L" BRACE LENGTH = 6' 7" GABLE VERTICAL = 24" O.C. SP #3 MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00 "I" REINFORCING MEMBER SIZE = 2X4 ASCE WIND SPEED = 100 MPH

SEE APPROPRIATE ITW GABLE DETAIL FOR MAXIMUM

UNREINFORCED GABLE VERTICAL LENGTH.

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

4 NAILS

CEILING

ANY DATE REF DRWG GBLLETIN0109 1/1/09 LET-IN VERT

nu No. 66648

\*\*\*HADGETANT\*\* PURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

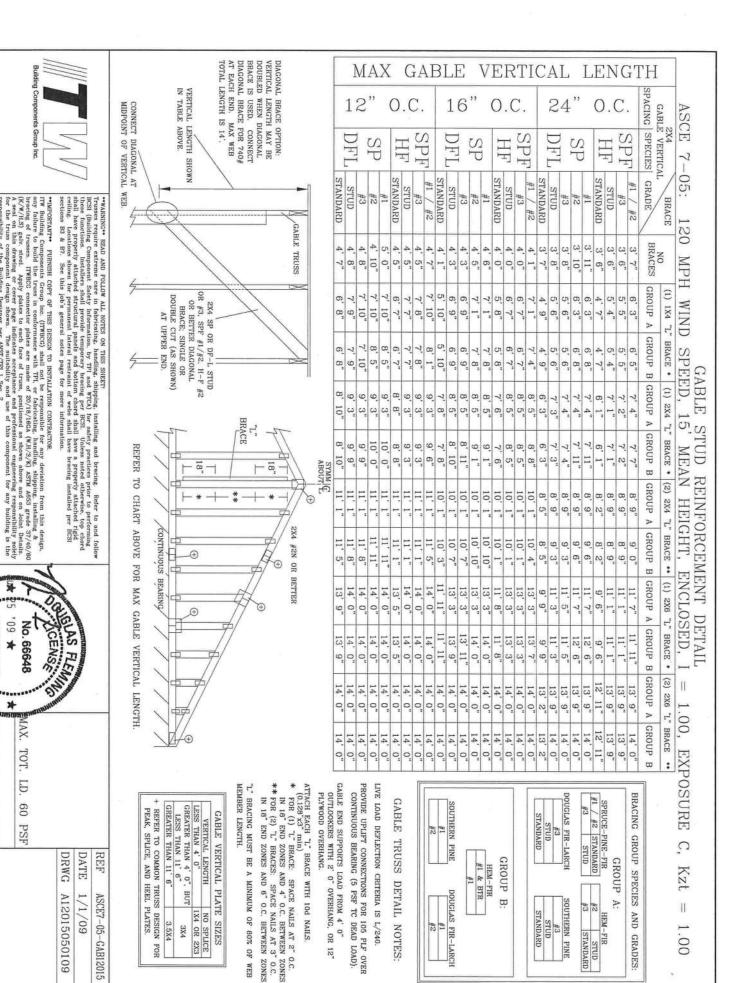
\*\*\*\*THEORY OF THE PROPERTY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

\*\*\*THEORY OF THE PROPERTY OF THE PROPERTY OF TABLE AND ADDRESS OF THE ADD

Earth City, MO 63045

MAX TOT. LD. 60 PSF MAX SPACING DUR. FAC. 24.0"

SONAL ENGINEE



Earth City, MO 63045

ICC: www.iccsafe.org

STONAL ENGINE

No. 66648

\*

AX.

TOT.

LD

60

PSF

MAX.

SPACING

24.0

any failure to build the truss i

AT EACH END. MAX WEB TOTAL LENGTH IS 14". BRACE IS USED. CONNECT DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE **GABLE** LENGTH MAX VERTICAL IN TABLE ABOVE. VERTICAL LENGTH SHOWN SPACING | SPECIES | GRADE 12" 16" O.C. 24 .C. O.C. ASCE CONNECT DIAGONAL AT MIDPOINT OF VERTICAL GABLE VERTICAL SPF SPF SPF DFL DFL DFL SP SP S T S H ~? -05: STANDARD STANDARD STANDARD STANDARD STANDARD STANDARD #1 STUD STUD STUD STUD #3 #3 #3 #2 #3 BRACE #2 130 GABLE TRUSS w, ಬ MPH 4 6 2X4 SP #2N, DF-L #2, SPF #1/#2, OR BETTER DIAGONAL BRACE: SINGLE OR DOUBLE GROUP A (1) 1X4 "L" BRACE \* (1) 2X4 "L" BRACE \* (2) 2X4 "L" BRACE \*\* CUT (AS SHOWN) AT WIND UPPER END. GROUP B GROUP A SPEED, 6' 0" 4 5 5 6 3 3 11 - w w w w GABLE 7 5 6 , 15 STUD GROUP B GROUP A α <u>σ</u> MEAN HEIGHT, REFER TO - N O O 18, REINFORCEMENT DETAIL CHART ABOVE FOR MAX GABLE VERTICAL LENGTH CONTINUOUS BEARING 2X4 #2N OR BETTER GROUP B **(** ENCLOSED, GROUP A (1) 2X6 "L" BRACE \* 10' 3" 8' 10" 10. 10. 10 12 2 2 12' 9' 0 0 GROUP A (2) 2X6 "L" BRACE \*\* II 14 4 25 25 1 25 25 .00, 13' 7" 12' 0" EXPOSURE ATTACH EACH "L" BRACE WITH 10d NAILS.
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. LIVE LOAD DEFLECTION CRITERIA IS L/240. SPRUCE-PINE-FIR
#1 / #2 STANDARD
#3 STUD PLYWOOD OVERHANG. DOUGLAS FIR-LARCH BRACING + 0 0 [ GABLE TRUSS DETAIL NOTES: SOUTHERN PINE #1 #2 STANDARD GROUP SPECIES Ç, GROUP GROUP #1 & BTR #1 Kzt HEM-FIR ₩. A #3 11 STANDARD AND GRADES: HEM-FIR STUD #2 1.00



""\*\*WARNIO.\*\* READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme core in febricating, handling, shipping, installing and bracing. Refer to and follow
RESI (Building Component Sofrey information, by FPI and WTCA) for safety procedure prior to performing
these functions installers shall provide temporary bracing per EGSI, Unless noted otherwise, top chord
shall have properly attached structural panels and bottom chord shall have a properly attached rigid
ceiling, Locations above for permanent lateral restraint of webs shall have bracing installed per BCSI
sections ES & E7. See this job's general notes page for more information.

WEB

"MADDEFARM" PURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTION.

IT Building Components Group Inc. (ITTRECQ) shall not be responsible for any deviation from this design in the property of the components of the conformance with ITI, or (bbricating, handling, shipping, installing, & bracing of trusses. ITTREC commenter plates are made of 20/16/160A (WH/S/R) ASTM ASSS grade 37/40/60 (K/W/HS) gatv steel. Apply plates to each face of truss, positioned as shown above and on doint bealts of the steel, apply plates to each face of truss, positioned as shown above and on doint bealts of the steel, apply plates to each face of truss, positioned as shown above and on doint bealts of the second of the second of the component for any building is the for the truss component design above. The subshiftly and use of this component for any building is the

No. 66648

MAX.

TOT.

LD

60

AX

SPACING

24.0

Earth City, MO 63045

DOUGLAS FIR-LARCH SOUTHERN PINE STANDARD

GABLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PROVIDE UPLIFT CONNECTIONS FOR 135 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB

REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	REATER THAN 11' 6"	REATER THAN 4' 0", BUT	ESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
SS DESIGN FOR PLATES.	3.5X4	T 3X4	2X3	NO SPLICE	ATE SIZES

REF

ASCE7-05-GAB13015

A13015050109 1/1/09

### **Load Short Form Entire House**

Date: Jul 13, 2009

Job: LILLIAN AND TERRANC...

By:

### LARRY RESMONDO AIR CONDITIONING AND **HEATING**

715 NW 1ST AVENUE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoair@aol.com

### **Project Information**

For:

CHUCK WOOD, WIND TECH

		Desigr	Information 💮 💮	
	Htg	Clg		Infiltration
Outside db (°F)	33	92	Method	Simplified
nside db (°F)	70	75	Construction quality	Average
Design TD (°F)	37	17	Fireplaces	0
Daily range	-	M		-
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	33	52		

### **HEATING EQUIPMENT**

### **COOLING EQUIPMENT**

Make Trade	Ruud RUUD UPNL SE	RIES		Make Trade	Ruud RUUD UPNL SERI	FS	
Model	UPNL-042J*Z	**************************************		Cond	UPNL-042J*Z		
ARI ref no.				Coil	UHLL-HM4821+RC	SL-H*482	1A*
				ARI ref no.	829939		
Efficiency		9.4 HSPF		Efficiency	12.2 EER,	14 SEER	
Heating inp	out			Sensible co	ooling	30450	Btuh
Heating out	tput	41000	Btuh @ 47°F	Latent cool		13050	Btuh
Temperatu	re rise	26	°F	Total coolin	ng	43500	Btuh
Actual air fl	ow	1450	cfm	Actual air fl		1450	cfm
Air flow fac	tor	0.048	cfm/Btuh	Air flow fac	tor	0.066	cfm/Btuh
Static press	sure	0.10	in H2O	Static press		0.10	in H2O
Space then					ble heat ratio	0.89	

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
MASTER BEDROOM	238	4484	2645	214	175
MASTER BATH	116	1484	668	71	44
W.I.CLOSET	39	396	185	19	12
UTILITY	85	1841	3362	88	222
BEDROOM 4	121	2343	1649	112	109
KITCHEN/HALL	100	1029	2880	49	190
DINING	121	2004	1098	96	72
LIVING ROOM	437	6785	3634	324	240
FOYER	78	1331	705	64	47
BATH 2	44	453	211	22	14
HALL/CLOSET	21	216	101	10	7
BEDROOM 2	137	3218	2057	154	136
W.I.C. #2	42	780	364	37	24
BEDROOM 3	150	3307	2099	158	139
W.I.C. #3	35	656	306	31	20

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Entire House Other equip loads Equip. @ 0.97 RSM Latent cooling	1762	30325 0	21962 0 21303 2652	1450	1450
TOTALS	1762	30325	23955	1450	1450

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

# Building Analysis Entire House

### LARRY RESMONDO AIR CONDITIONING AND

By:

Job: LILLIAN AND TERRANC... Date: Jul 13, 2009

HEATING
715 NW 1ST AVENUE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoair@aol.com

### Project Information

For:

CHUCK WOOD, WIND TECH

		Design Co	onditions		
Location: Gainesville, FL, US Elevation: 151 ft Latitude: 30°N  Outdoor: Dry bulb (°F) Daily range (°F) Wet bulb (°F)	Heating 33 -	Cooling 92 19 (M)	Indoor: Indoor temperature (°F) Design TD (°F) Relative humidity (%) Moisture difference (gr/lb) Infiltration: Method Construction quality	Heating 70 37 50 32.8 Simplified Average	Cooling 75 17 50 52.0
Wind speed (mph)	15.0	7.5	Fireplaces	0	

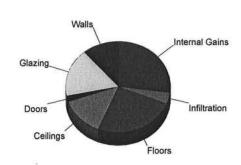
### Heating

Component	Btuh/ft²	Btuh	% of load
Walls Glazing Doors Ceilings Floors Infiltration Ducts Piping Humidification Ventilation Adjustments Total	1.5 21.3 14.4 1.2 9.1 2.8	3886 4096 606 2086 16038 3614 0 0 0 0	12.8 13.5 2.0 6.9 52.9 11.9 0 0



### Cooling

Component	Btuh/ft²	Btuh	% of load
Walls Glazing Doors Ceilings Floors Infiltration Ducts Ventilation Internal gains Blower Adjustments Total	1.0 19.5 11.4 1.7 3.1 0.7	2469 3740 477 2969 5483 874 0 5950 0 0 21962	11.2 17.0 2.2 13.5 25.0 4.0 0 27.1 0



Overall U-value = 0.168 Btuh/ft2-°F

ERROR: negative wall area in UTILITY - check windows.

### **Project Summary** Entire House

LARRY RESMONDO AIR CONDITIONING AND

HEATING
715 NW 1ST AVENUE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoair@aol.com

Job: LILLIAN AND TERRANC...

Date: Jul 13, 2009

### **Project Information**

For:

CHUCK WOOD, WIND TECH

Notes:

### **Design Information**

Gainesville, FL, US Weather:

### Winter Design Conditions

### **Summer Design Conditions**

Outside db	33	°F	Outside db	92	°F
Inside db	70	°F	Inside db	75	°F
Design TD	37	°F	Design TD	17	°F
			Daily range	M	
			Relative humidity	50	%
			Moisture difference	52	gr/lb

### **Heating Summary**

### Sensible Cooling Equipment Load Sizing

Structure	30325 Btuh	Structure	21962 Btuh
Ducts	0 Btuh	Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh	Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh	Blower	0 Btuh
Piping	0 Btuh		
Piping Equipment load	30325 Btuh	Use manufacturer's data	n
		Rate/swing multiplier	0.97
Infiltrat	ion	Equipment sensible load	21303 Btuh

### intiltration

Method Construction quality		Simplified Average	Latent Cooling Equip	ment Load	Sizing
Fireplaces		0	Structure Ducts		Btuh Btuh
	Heating	Cooling	Central vent (0 cfm)	0	Btuh
Area (ft²) Volume (ft³)	1762 14096	1762 14096	Equipment latent load	2652	Btuh

Equipment total load

Req. total capacity at 0.70 SHR

Simplified

	Heating	Cooling	
Area (ft²)	1762	1762	
Volume (ft³)	14096	14096	
Air changes/hour	0.38	0.20	
Equiv. AVF (cfm)	89	47	

**Heating Equipment Summary** 

### Cooling Equipment Summary

23955 Btuh

Make Trade Model ARI ref no.	Ruud RUUD UPNL SERI UPNL-042J*Z 829939	ES		Make Trade Cond Coil	UPNL-042 UHLL-HM	NL SERIES J*Z 4821+RCSL-H	*4821/	<b>4</b> *
Efficiency Heating inp Heating ou Temperatu Actual air fl Air flow fac Static press Space there	tput re rise ow tor sure	41000 26 1450 0.048	CONTRACTOR PROPERTY OF THE PARTY OF THE PART	ARI ref no. Efficiency Sensible co Latent cooli Total coolir Actual air fl Air flow fac Static press Load sensil	poling ing ig ow tor	1 4	30450 3050 3500 1450 0.066	Btuh Btuh Btuh cfm cfm/Btuh in H2O

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Method

### **Duct System Summary Entire House**

LARRY RESMONDO AIR CONDITIONING AND **HEATING** 

715 NW 1ST AVENUE, HIGH SPRINGS, FL 32643 Phone: 386-454-4433 Fax: 386-454-8843 Email: resmondoair@aol.com

Job: LILLIAN AND TERRANC...

Date: Jul 13, 2009

By:

### **Project Information**

For:

CHUCK WOOD, WIND TECH

	He	eating		C	ooling
External static pressure	0.10	in H2O		0.10	in H2O
Pressure losses	0.25	in H2O			in H2O
Available static pressure	-0.2	in H2O		-0.2	in H2O
Supply / return available pressure	-0.11 / -0.04	in H2O		-0.11 / -0.04	in H2O
Lowest friction rate	0.100	in/100ft			in/100ft
Actual air flow	1450	cfm		1450	
Total effective length (TEL)			315		STATE OF THE STATE

### **Supply Branch Detail Table**

Name		esign Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	H x W (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
MASTER BEDROOM	h	4484	214	175	0.100	8.0	0×0	VIFx	225.0	0	st1
MASTER BATH	h	1484	71	44	0.100	4.0	0×0	VIFx	225.0	0	st1A
W.I.CLOSET	h	396	19	12	0.100	4.0	0×0	VIFx	225.0	l o	st1
UTILITY	С	3362	88	222	0.100	8.0	0×0	VIFx	225.0	0	st1
BEDROOM 4	h	2343	112	109	0.100	5.0	0×0	VIFx	225.0	0	st1
KITCHEN/HALL	С	2880	49	190	0.100	7.0	0×0	VIFx	225.0	0	st1
DINING	h	2004	96	72	0.100	5.0	0×0	VIFx	225.0	0	st1
LIVING ROOM	h	6785	324	240	0.100	9.0	0×0	VIFx	225.0	0	st1
FOYER	h	1331	64	47	0.100	4.0	0×0	VIFx	225.0	0	st1
BATH 2	h	453	22	14	0.100	4.0	0×0	VIFx	225.0	0	st1
HALL/CLOSET	h	216	10	7	0.100	4.0	0x0	VIFx	225.0	0	st1
BEDROOM 2	h	3218	154	136	0.100	6.0	0x0	VIFx	225.0	1 0	st1
W.I.C. #2	h	780	37	24	0.100	4.0	0x0	VIFx	225.0	0	st1
BEDROOM 3	h	3307	158	139	0.100	6.0	0x0	VIFx	225.0	0	st1
W.I.C. #3	h	656	31	20	0.100	4.0	0x0	VIFx	225.0	l ō	st1

### **Supply Trunk Detail Table**

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
st1	Peak AVF	1450	1450	0.100	821	18.0	0 x 0	RectFbg	st1
st1A	Peak AVF	71	44	0.100	130	10.0	0 x 0	RectFbg	

Bold/italic values have been manually overridden

### Return Branch Detail Table

Grill ze (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	)).	Stud/Joist Opening (in)	Duct Matl	Trunk
0x0 0x0 0x0 0x0	214 112 324 154	175 109 240 136	90.0 90.0 90.0 90.0	0.100 0.100 0.100 0.100	571 734	8.0 6.0 9.0 6.0	0x 0x 0x 0x	0 0 0 0		VIFx VIFx VIFx VIFx	
	0x0 0x0 0x0 0x0	0x0 214 0x0 112 0x0 324 0x0 154	ze (in)         (cfm)         (cfm)           0x0         214         175           0x0         112         109           0x0         324         240           0x0         154         136	ze (in)         (cfm)         (cfm)         (ft)           0x 0         214         175         90.0           0x 0         112         109         90.0           0x 0         324         240         90.0           0x 0         154         136         90.0	ze (in)         (cfm)         (cfm)         (ft)         FR           0x0         214         175         90.0         0.100           0x0         112         109         90.0         0.100           0x0         324         240         90.0         0.100           0x0         154         136         90.0         0.100	ze (in)         (cfm)         (cfm)         (ft)         FR         (fpm)           0x0         214         175         90.0         0.100         614           0x0         112         109         90.0         0.100         571           0x0         324         240         90.0         0.100         734           0x0         154         136         90.0         0.100         784	ze (in)         (cfm)         (cfm)         (ft)         FR         (fpm)         (in)           0x0         214         175         90.0         0.100         614         8.0           0x0         112         109         90.0         0.100         571         6.0           0x0         324         240         90.0         0.100         734         9.0           0x0         154         136         90.0         0.100         784         6.0	ze (in)         (cfm)         (cfm)         (ft)         FR         (fpm)         (in)         (in)           0x 0         214         175         90.0         0.100         614         8.0         0x           0x 0         112         109         90.0         0.100         571         6.0         0x           0x 0         324         240         90.0         0.100         734         9.0         0x           0x 0         154         136         90.0         0.100         784         6.0         0x	ze (in)         (cfm)         (cfm)         (ft)         FR         (fpm)         (in)         (in)           0x 0         214         175         90.0         0.100         614         8.0         0x 0           0x 0         112         109         90.0         0.100         571         6.0         0x 0           0x 0         324         240         90.0         0.100         734         9.0         0x 0           0x 0         154         136         90.0         0.100         784         6.0         0x 0	ze (in)         (cfm)         (cfm)         (ft)         FR         (fpm)         (in)         Opening (in)           0x 0         214         175         90.0         0.100         614         8.0         0x 0         0           0x 0         112         109         90.0         0.100         571         6.0         0x 0         0           0x 0         324         240         90.0         0.100         734         9.0         0x 0           0x 0         154         136         90.0         0.100         784         6.0         0x 0	ze (in)         (cfm)         (cfm)         (ft)         FR         (fpm)         (in)         Opening (in)         Matl           0x 0         214         175         90.0         0.100         614         8.0         0x 0         0         VIFx           0x 0         112         109         90.0         0.100         571         6.0         0x 0         VIFx           0x 0         324         240         90.0         0.100         734         9.0         0x 0         VIFx           0x 0         154         136         90.0         0.100         784         6.0         0x 0         VIFx



# COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST REQUIRMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

### ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE 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 SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) SHALL BE USED.

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

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

	GENERAL APPLICANT – PLEASE CHECK ALL A	REQUIREMENTS: PPLICABLE BOXES BEFORE SUBMITTAL	Circled as Applicable		
		South Control	Yes	No	N/A
1	Two (2) complete sets of plans containing the foll	lowing:	V		
2	All drawings must be clear, concise, drawn to sca	le, details that are not used shall be marked void	/		
3	Condition space (Sq.	Total (Sq. Ft.) under roof	IIIIIIII	ишш	ШП

25345F

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

(762

4	Dimensions of lot or parcel of land	~	
5	Dimensions of all building set backs	/	
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	×	
7	Provide a full legal description of property.		

Items to Include-

### Wind-load Engineering Summary, calculations and any details required

1. 人名英格	GENERAL REQUIREMENTS: APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Each C	to Incluing Box shall ircled as blicable	l be
0	Plans or specifications must show compliance with FBCR Chapter 3	IIIIII	IIIII	ШШ
8	Plans or specifications must show compliants with a post-one	YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	1		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	1		
11	Wind importance factor and nature of occupancy	1		
12	The applicable internal pressure coefficient, Components and Cladding	1		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	1		

### **Elevations Drawing including:**

All the transfer of the shortest		
	<del></del>	
Roof pitch		
Overhang dimensions and detail with attic ventilation		
Location, size and height above roof of chimneys		
Location and size of skylights with Florida Product Approval		
Number of stories	1	
Building height from the established grade to the roofs highest peak		
	All side views of the structure  Roof pitch  Overhang dimensions and detail with attic ventilation  Location, size and height above roof of chimneys  Location and size of skylights with Florida Product Approval  Number of stories  Building height from the established grade to the roofs highest peak	Roof pitch Overhang dimensions and detail with attic ventilation Location, size and height above roof of chimneys Location and size of skylights with Florida Product Approval Number of stories

### Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	V	
21	Raised floor surfaces located more than 30 inches above the floor or grade	/	0
22	All exterior and interior shear walls indicated	0	
23	Shear wall opening shown (Windows, Doors and Garage doors)	1	
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	1	
25	Safety glazing of glass where needed		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)		
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)		V
28	Identify accessibility of bathroom (see FBCR SECTION 322)		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the pla (see Florida product approval form)

### Items to Include-GENERAL REQUIREMENTS: APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTA Each Box shall be Circled as Applicable FBCR 403: Foundation Plans N/A NO Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing. All posts and/or column footing including size and reinforcing Any special support required by soil analysis such as piling. 31 Pound Per Square Foot 32 | Assumed load-bearing valve of soil 33 Location of horizontal and vertical steel, for foundation or walls (include # size and type) FBCR 506: CONCRETE SLAB ON GRADE Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed) 35 Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports FBCR 320: PROTECTION AGAINST TERMITES Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. 36 Protection shall be provided by registered termiticides FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls) Show all materials making up walls, wall height, and Block size, mortar type 38 Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect Floor Framing System: First and/or second story Floor truss package shall including layout and details, signed and sealed by Florida Registered

Show conventional floor joist type, size, span, spacing and attachment to load bearing walls,

Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &

41 Girder type, size and spacing to load bearing walls, stem wall and/or priers

Show required amount of ventilation opening for under-floor spaces

Show the required access opening to access to under-floor spaces

Professional Engineer

stem walls and/or priers

42 Attachment of joist to girder

Wind load requirements where applicable
 Show required under-floor crawl space

Show required covering of ventilation opening

39

46

48 intermediate of the areas structural panel sheathing	1
49 Show Draftstopping Fire caulking and Fire blocking	1
50 Show fireproofing requirements for garages attached to living spaces, per FBCR section 309	1
51 Provide live and dead load rating of floor framing systems (psf).	
SI TIOTAGE III	

### FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		ll be
100		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	1		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown			
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	1		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems			
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	1,		
57	Indicate where pressure treated wood will be placed	0		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	1		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail			

### **FBCR:**ROOF SYSTEMS:

		/	
60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	V/	
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	1	
	Provide dead load rating of trusses		

### FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing		
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating	1//	
67	Valley framing and support details		
68	Provide dead load rating of rafter system		

### FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	1	/	
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas			

### FBCR ROOF ASSEMBLIES FRC Chapter 9

			i
	Include all materials which will make up the roof assembles covering		
71	Include all materials which will make up the root assembles covering	T	
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	1	
1/2	Subilit Florida Froduct ripprovision		

### FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area

	GENERAL REQUIREMENTS:  APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable		be
111		YEŞ	NO	N/A
72	Show the insulation R value for the following areas of the structure			
73		11		
74				_/
75 76				U
<u>H</u>	VAC information			
77	Submit two copies of a Manual J sizing equipment or equivalent computation study	1		
78	Exhaust fans locations in bathrooms	1		
79	Show clothes dryer route and total run of exhaust duct			
	umbing Fixture layout shown			/
80				
81	Show the location of water heater			
	ivate Potable Water	,		
82		1,		
83	Reservoir pressure tank gallon capacity	-		
84	Rating of cycle stop valve if used	L		
Ele	ectrical layout shown including			
85		1		
86	Ceiling fans	-		
87	Smoke detectors & Carbon dioxide detectors	-/		
88	Service panel, sub-panel, location(s) and total ampere ratings	1		
	On the electrical plans identify the electrical service overcurrent protection device for the main			
	electrical service. This device shall be installed on the exterior of structures to serve as a			
	disconnecting means for the utility company electrical service. Conductors used from the exterior			
89	disconnecting means to a panel or sub panel shall have four-wire conductors, of which one			
	conductor shall be used as an equipment ground. Indicate if the utility company service entrance			
	cable will be of the overhead or underground type.			

90	Appliances and HVAC equipment and disconnects	
	Arc Fault Circuits (AFCI) in bedrooms	

<u>Disclosure Statement for Owner Builders</u> If you as the applicant will be acting as an owner builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.

### **Notice Of Commencement**

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Samuel and Samuel and	214 . A. W. W. J. W.	वर सम्बद्धाः स्थान	Items to Include-
	GENERAL REQUIREM			Each Box shall be
APPLICANT - PLEA	ASE CHECK ALL APPLICABL	E BOXES BEFORE SUBI	MITTAL	Circled as
A TO A CAN THE STATE OF THE	- 第4 - 建二、次二基图 第19	是现在1000年,1000年,1000年	· · · · · · · · · · · · · · · · · · ·	Applicable

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS NO N/A YES Building Permit Application A current Building Permit Application form is to be 92 completed and submitted for all residential projects Parcel Number The parcel number (Tax ID number) from the Property Appraiser 93 (386) 758-1084 is required. A copy of property deed is also requested Environmental Health Permit or Sewer Tap Approval A copy of a approved 94 Columbia County Environmental Health (386) 758-1058 95 City of Lake City A permit showing an approved waste water sewer tap Toilet facilities shall be provided for all construction sites 96 97 Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit. Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before 98 submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations 99 CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established A development permit will also be required. Development permit cost is \$50.00 100 **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. 911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

### Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days aft the date of filing, unless such application has been pursued in good faith or a permit has been issued; exce that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

### Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 workin days of application therefor unless unusual circumstances require a longer time for processing the applica or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws o ordinances.

### Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuanc a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

### If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

### New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date if issuance of the new permit.

### Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

### The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the application will be notified by phone as to the date and time a building permit will prepared and issued by the Columbia County Building & Zoning Department

## PRODUCT APPROVAL SPECIFICATION SHEET

	1110000111		A1.
	10 1: 1000	Project Name:_	Allen
Location:	Vyline LOOP	Code OR 72 pleas	e provide the information and the
A wired by E	Jorida Statute 553,842 and Florida	Administrative Code 30-12, pleas	illigation the construction project for

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at <a href="https://www.floridabuilding.org">www.floridabuilding.org</a>

supplier should you not know the about statewide product approve	Manufacturer	Product Description	Approval Number(s
Category/Subcategory	Manufacture		1-116
A. EXTERIOR DOORS	10000000	Side hingelooi berglass dout unit	PL4668.1/FL46
1. Swinging	Masoni te	3700 1411 301927 102 32	
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS	VIVIC	viral window	FL88870.1
Single hung	YKK	TOT OF COLOR	V
Horizontal Slider			
3. Casement			
Double Hung			
5. Fixed			
6. Awning		_	
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			FL 889-8
1. Siding			FLY899
2. Soffits			F14905
3. EIFS		Vinyl	11100
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			00
Asphalt Shingles	EIK 16AF	30 year Shingles	FL586-22 FL1814-121
2. Underlayments	T '	30th felt	EC1814-151
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes	3		
12. Roofing Slate	-		

	Janufacturer	Product De	scription	Approval Number
Category/Subcategory (cont.)	nanulaota			
13. Liquid Applied Roof Sys				FU960-P
14. Cements-Adhesives – Coatings				10110
15. Roof Tile Adhesive		-		
16. Spray Applied Polyurethane Roof				
17. Other				
E. SHUTTERS				
1. Accordion				
2. Bahama				
3. Storm Panels				
4. Colonial				
5. Roll-up				
6. Equipment				
7. Others				
The state of the s				
F. SKYLIGHTS				
1. Skylight				
2. Other				
G. STRUCTURAL				
1. Wood connector/anchor				FL474721
				2136-10
2. Truss plates				FL1008-12
3. Engineered lumber				
4. Railing				
5. Coolers-freezers				
6. Concrete Admixtures				
7. Material		-		
8. Insulation Forms				
9. Plastics				
10. Deck-Roof				
11. Wall				
12. Sheds				
13. Other				
H. NEW EXTERIOR				
ENVELOPE PRODUCTS				
1.	<del> </del>	_		
The products listed below ditime of inspection of these piobsite; 1) copy of the product and certified to comply with, I understand these products	products, the fo act approval, 2) 3) copy of the	ollowing infor ) the perform applicable r	mation must be available to ance characteristics which nanufacturers installation re	the product was test equirements.
Contractor or Contractor's Authorize	ed Agent Signature		Print Name	Date

- 1

### **New Construction Subterranean Termite Service Record**

This form is completed by the licensed Pest Control Company.

Form NPCA-99-B may still be used

Reorder Product #2581 From • CROWNMAX • 1-800-252-4011

28000

OMB Approval No. 2502-0525 (exp. 02/29/2012)

form HUD-NPMA-99-B

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 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, therefore, no assurance of confidentiality is provided.

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

All contracts for services are between the Pest Control Company and builder, unless stated otherwise.

	The second second	
ection 1: General Information (Pest Control Company Information)		
Company Name		
Company Address	City State .	Zip Zip
Company Business License No.	Company Phone No.	20742333411
FHA/VA Case No. (if any)		
ection 2: Builder Information	A TARE	on the object while with
Company Name Windtech Contracting	Phone No.	755-8694
ection 3: Property Information	To exit,	at a summaria
Location of Structure(s) Treated (Street Address or Legal Description, City,	State and Zip)	AL PINA
Terrance and Lillian Allen 1131 SW Skyl	me loop F+Wh.teFL	32038
ection 4: Service Information	The state of the s	To each year.
Date(s) of Service(s) 9-11-2009	200	
Type of Construction (More than one box may be checked)	b Basement Crawl C	Other
A. Soil Applied Liquid Termiticide Brand Name of Termiticide:  Approx. Dilution (%):  B. Wood Applied Liquid Termiticide Brand Name of Termiticide:	No	_
Approx. Dilution (%): Approx. Total Gallons Mix Applied	d:	- Le 201
C. Bait System Installed		
Name of System EPA Registration	No Number of	Stations Installed
D. Physical Barrier System Installed		
Name of System Attach installation	information (required)	
Service Agreement Available? Yes No	5 6 7 7	
Note: Some state laws require service agreements to be issued. This form	does not preempt state law.	
Attachments (List)		
Comments		
	Contification No. (If you had be Obtained by	#S404690
Name of Applicator(s) the applicator has used a product in accordance with the product label and state in		
Name of Applicator(s)		
Name of Applicator(s) the applicator has used a product in accordance with the product label and state in a gulations.		used comply with state and fede



# 280,40

Lake City (386) 755-3611 Gainesville (352) 494-5751 Fax (386) 755-3885 Toll Free 1-800-616-4707

Certificate of Compliance for Termite Protection
(as required by Florida Building Code (FBC) 1816.1.7)

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

Allen Residence - 1131 SW Skyline Loop, Ft. White FL 32038

Address of Treatment or Lot/Block of T	reatment
Soil Barrier	
(Method of Termite Prevention Treatment - Soil Barrier, Wood	Treatment, Bait System, Other
Horizontal, Vertical, Void and	1 Exterior Treatment
Description of Treatment	2 Date Holl Treatment

The above named structure has received a complete treatment for the prevention of subterranean termites. Treatment was done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services.

Authorized Signature

2/26/10







# OCCUPARCY

# **COLUMBIA COUNTY, FLORIDA**

epartment of Building and Zoning

Parcel Number 10-6S-16-03815-133 This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code. Building permit No. 000028040

Fire: 97.76

Waste: 134.00

Total: 231.76

1131 SW SKYLINE LOOP, FT. WHITE, FL

Owner of Building TERRANCE & LILLIAN ALLEN

Permit Holder WILLIAM WOOD

Use Classification SFD,UTILITY

Date: 02/26/2010

Location:

Harry Dick

**Building Inspector** 

POST IN A CONSPICUOUS PLACE (Business Places Only)