

PERMIT
000027726

APPLICANT	RENEE BRINKLEY		PHONE	386.758.9743	
ADDRESS	8674	NW LAKE JEFFERY ROAD	LAKE CITY		FL 32025
OWNER	L.BRYAN BRINKLEY, JR. & RENEE BRINKLEY		PHONE	386.758.9743	
ADDRESS	8674	NW LAKE JEFFERY ROAD	LAKE CITY		FL 32055
CONTRACTOR	OWNER BUILDERS		PHONE	386.758.9743	
LOCATION OF PROPERTY	LAKE JEFFERY ROAD TO FIRST PROPERTY ON L JUST PAST I-75.				

TYPE DEVELOPMENT		<u>SFD/UTILITY</u>		ESTIMATED COST OF CONSTRUCTION			<u>228800.00</u>	
HEATED FLOOR AREA		<u>2592.00</u>		TOTAL AREA		<u>4576.00</u>	HEIGHT	STORIES <u>1</u>
FOUNDATION	<u>CONC</u>	WALLS	<u>FRAMED</u>	ROOF PITCH	<u>4'12</u>	FLOOR	<u>CONC</u>	
LAND USE & ZONING		<u>A-3</u>			MAX. HEIGHT		<u>35</u>	
Minimum Set Back Requirments:		STREET-FRONT		<u>30.00</u>	REAR	<u>25.00</u>	SIDE	<u>25.00</u>
NO. EX.D.U.	<u>1</u>	FLOOD ZONE	<u>X</u>	DEVELOPMENT PERMIT NO.				

PARCEL ID	06-3S-16-02013-000		SUBDIVISION		
LOT	BLOCK	PHASE	UNIT	TOTAL ACRES	2.50

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING	09-0141	BLK	WR	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. EXISTING M/H TO BE REMOVED WITHIN 45

DAYS OF C.O. BEING ISSUED.

Check # or Cash 98

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$	1145.00	CERTIFICATION FEE \$	22.88	SURCHARGE FEE \$	22.88
MISC. FEES \$	0.00	ZONING CERT. FEE \$	50.00	FIRE FEE \$	0.00
				WASTE FEE \$	
FLOOD DEVELOPMENT FEE \$		FLOOD ZONE FEE \$	25.00	CULVERT FEE \$	
				TOTAL FEE	1265.76
INSPECTOR'S OFFICE			CLERK'S OFFICE		

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT 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 INSPECTION.

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

Columbia County Building Permit Application

For Office Use Only Application # 0903-41 Date Received 3/24/09 By G Permit # 27726
 Zoning Official BZK Date 03.04.09 Flood Zone X Land Use A-3 Zoning A-3
 FEMA Map # N/A Elevation N/A MFE 1st River N/A Plans Examiner (WRC) Date 3/30/09
 Comments Existing MH to be removed within 45 days of CO being issued
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel #
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
 School _____ = TOTAL N/A

Septic Permit No. 090141 Fax 386-758-4290
 Name Authorized Person Signing Permit Renee Brinkley Phone 386-758-9743
 Address 8674 NW Lake Jeffery Lake City FL 32055
 Owners Name Bryan and Renee Brinkley Phone 386-758-9743
 911 Address 8674 NW Lake Jeffery Rd. Lake City FL 32055
 Contractors Name Bryan and Renee Brinkley Phone 386-758-9743
 Address 8674 NW Lake Jeffery Rd Lake City FL 32055
 Fee Simple Owner Name & Address Bryan and Renee Brinkley 8674 NW Jeffery Rd Lake City, FL 32055
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address William H. Freeman 128 SW Nassau St. Lake City 320
 Mortgage Lenders Name & Address N/A
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy
 Property ID Number 06-35-16-02013-000 Estimated Cost of Construction 90,1K
 Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions NW on Lake Jeffery Rd, 1st property on left just past I-75

Number of Existing Dwellings on Property 1
 Construction of single story residence SFD Total Acreage 2.5 Lot Size _____
 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 8
 Actual Distance of Structure from Property Lines - Front 126' 80" Side 67' 00" Side 53' 71" Rear 184' 0"
 Number of Stories 1 Heated Floor Area 2,592 Total Floor Area 4,576 Roof Pitch 3/12
4/12
6/12

Application is hereby made to obtain a permit to do work and installations 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.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

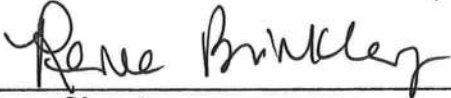
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects 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 COMMENCEMENT 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.



Contractor's Signature (Permitee)

Contractor's License Number _____

Columbia County

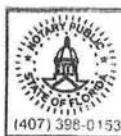
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 12th day of March 2009.
Personally known ☒ or Produced Identification drivers license



State of Florida Notary Signature (For the Contractor)

SEAL:



DEBBIE A MOTES

MY COMMISSION # DD663991

EXPIRES May 14, 2010

FloridaNotaryService.com



COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

NOTARIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions: even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved for yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that if I am not physically doing the work or physically supervising free labor from friends or relatives, that I must hire licensed contractors, i.e. electrician, plumber, mechanical (heating & air conditioning), etc. I further understand that the violation of not physically doing the work, and the use of unlicensed contractors at the construction site, will cause the project to be shut down by the inspection staff of the Columbia County Building Department. Additionally, state statutes allow for additional penalties. I also understand that if this violation does occur, that in order for the job to proceed, I will have a licensed contractor come in and obtain a new permit as taking the job over. I understand that if I hire subcontractors under a contract price, that they must be licensed to work in Columbia County, i.e. masonry, drywall, carpentry. Contractors licensed by the Columbia County Contractor Licensing Section or the State of Florida are required to have worker's compensation and liability coverage.

☒ Single Family Dwelling

☐ Other _____

TYPE OF CONSTRUCTION

☐ Two-Family Residence

☐ Farm Outbuilding

☐ Addition, Alteration, Modification or other Improvement

I, Renee Brinkley, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building

Permit Number 0903-41

Renee Brinkley
Owner Builder Signature

3/25/09
Date

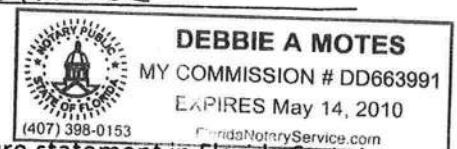
FLORIDA NOTARY

The above signer is personally known to me or produced identification drivers license

Notary Signature Debbie A Notes Date 3/25/09

FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7). Date _____ Building Official/Representative _____



WARRANTY DEED

THIS INDENTURE, Made this 9th day of March 2005,
between WILLIAM BRADY BRINKLEY, COLEN ALLEN BRINKLEY, LONNIE
BRYAN BRINKLEY, SR., MARVIN WESLEY BRINKLEY; Grantor, to LONNIE
BRYAN BRINKLEY, JR. and RENEE A. BRINKLEY, whose address is 8674
NW Lake Jeffery Road, Lake City, Florida 32055, Grantee.

W I T N E S S E T H:

That said Grantor, for and in consideration of the sum of TEN AND
NO/100 (\$10.00) DOLLARS, and other good and valuable
considerations to said Grantor in hand paid by said Grantee, the
receipt whereof is hereby acknowledged, has granted, bargained
and sold to the said Grantee, and Grantee(s) heirs, successors
and assigns forever, the following described land, situate, lying
and being in Columbia County, Florida, to-wit:

All that part of the Northeast 1\4 (one quarter) of the Northwest
1\4 (one quarter) and all that part of the Northwest 1\4 (one
quarter) of the Northeast 1\4 (one quarter) of Section 6 (six),
Township 3 South of the Tallahassee Baseline, Range 16 (sixteen)
East of the Tallahassee Meridian, lying Southerly of Lake Jeffery
Road and Westerly of Interstate No. 75 (seventy-five), triangular
in shape and Subject To: an easement 50.00' (fifty feet) in
width taken evenly along the Eastern side thereof for the purpose
of ingress and egress, drainage and utilities for others. Being
those same certain lands as described in OR Book 0918 Page 1734
of the public records of Columbia County Florida.

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

IN WITNESS WHEREOF, Grantor has hereunto set his hand and
seal the day and year first above written.

Signed, sealed and delivered
In the presence of:

L. Bryan Brinkley

Print Name: L. Bryan Brinkley

Robert A. Vaughan

Print Name: ROBERT A. VAUGHAN

William Brady Brinkley
WILLIAM BRADY BRINKLEY

Colen Allen Brinkley
COLEN ALLEN BRINKLEY

Lonnie Bryan Brinkley Sr.
LONNIE BRYAN BRINKLEY, SR.

Marvin W. Brinkley Sr.
MARVIN WESLEY BRINKLEY

Inst:2005013425 Date:06/07/2005 Time:11:23
Doc Stamp-Deed : 0.70

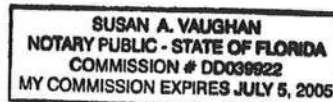
mk DC, P. DeWitt Cason, Columbia County B:1048 P:782

The foregoing instrument was acknowledged before me this
9th day of March, 2005, by WILLIAM BRADY BRINKLEY, COLEN
ALLEN BRINKLEY, LONNIE BRYAN BRINKLEY, SR., MARVIN WESLEY
BRINKLEY. Who are personally known to me.

Notary
Seal

Susan A. Vaughan
Notary Public

My commission Expires:



Inst:2005013425 Date:06/07/2005 Time:11:23

Doc Stamp-Deed : 0.70

DC,P.DeWitt Cason,Columbia County B:1048 P:783

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number 06-35-16-02013-000

Inst:200912004190 Date:3/16/2009 Time:10:44 AM
BC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1169 P:556

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this **NOTICE OF COMMENCEMENT**.

BEG NW COR OF SW1/4 OF NE1/4, RUN E 208.71 FT, S 208.71 FT, W 208.71 FT, N 208.71 FT TO POB & NE1/4 OF NW1/4 & NW1/4 OF NE1/4 AS LIES S OF CR-250 & W OF I-75.

1. Description of property (legal de 8674 NW Lake Jeffery Rd Lake City FL 32055
a) Street (job) Address: 8674 NW Lake Jeffery Rd Lake City FL 32055
2. General description of improvements: New build

3. Owner Information

a) Name and address: Lonnie Bryan and Renee Brinkley
b) Name and address of fee simple titleholder (if other than owner) owner
c) Interest in property Owner

4. Contractor Information

a) Name and address: Lonnie Bryan and Renee Brinkley
b) Telephone No.: 386-758-9743 Fax No. (Opt.) _____

5. Surety Information

a) Name and address: N/A
b) Amount of Bond: _____
c) Telephone No.: _____ Fax No. (Opt.) _____

6. Lender

a) Name and address: N/A
b) Phone No. _____

7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:

a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.) _____

8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:

a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.) _____

9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified):

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR 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 YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Renee Brinkley
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
Renee Brinkley
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 16th day of March, 2009, by:
Renee Brinkley as owner (type of authority, e.g. officer, trustee, attorney
fact) for Renee Brinkley (name of party on behalf of whom instrument was executed).

Personally Known _____ OR Produced Identification ☒ Type drivers license

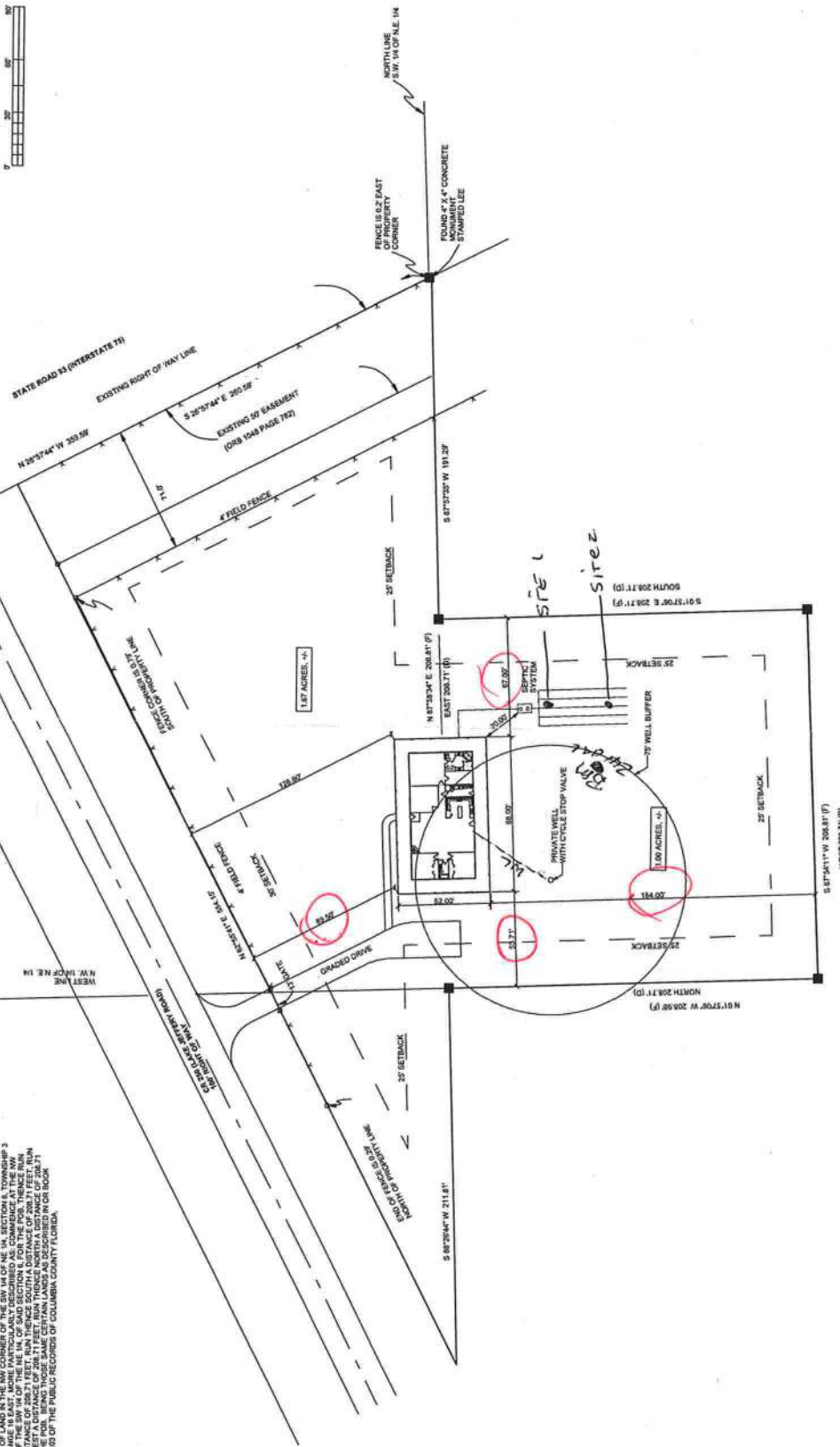
Notary Signature Debbie A. Motes Notary Stamp or Seal:



11. 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.

Renee Brinkley
Signature of Natural Person Signing (in line #10 above.)

BOUNDARY SURVEY
IN SECTION 6, TOWNSHIP 3 SOUTH, RANGE 16 EAST
COLUMBIA COUNTY, FLORIDA

[illegible]

SITE PLAN
SCALE: 1" = 30'-0"
60', 00"



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT # 914409
DATE PAID 3/10/09
FEE PAID \$ 310.00
RECEIPT # 1103815

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Temporary/Experimental
☐ Repair ☐ Abandonment ☐ Other(Specify) _____

APPLICANT: LANNIE BRYAN BEINKLEY JR

TELEPHONE: 755-6372

AGENT: Robert Ford NFST INC

MAILING ADDRESS: 580 NW GURDON Rd Lake City FLA

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SCALE SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE.

PROPERTY INFORMATION [IF LOT IS NOT IN A RECORDED SUBDIVISION, ATTACH LEGAL DESCRIPTION OR DEED]

LOT: 1 BLOCK: 1 SUBDIVISION: meets & bounds DATE OF SUBDIVISION: N/A

PROPERTY ID #: 06-35-16-02013-000 [Section/Township/Range/Parcel No.] ZONING: AG

PROPERTY SIZE: 2000 ACRES [Sqft/43560] PROPERTY WATER SUPPLY: ☒ PRIVATE ☐ PUBLIC

PROPERTY STREET ADDRESS: 8674 NW LAK Jeffery Rd

DIRECTIONS TO PROPERTY: Hwy 90 west to Lake Jeffery TR

GO ACROSS INTERSTATE 15 Property on left

BUILDING INFORMATION

☒ RESIDENTIAL

☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	<u>House</u>	<u>3</u>	<u>2592</u>	<u>3</u>	<u>400 GPD</u>
2					
3					
4					

☐ Garbage Grinders/Disposals
☐ Ultra-low Volume Flush Toilets

☐ Spas/Hot Tubs
☐ Other (Specify) _____

☐ Floor/Equipment Drains

APPLICANT'S SIGNATURE: Robert W Ford Jr

DATE: 3/10/09



STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

09-0141

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.

See ATTACHED
ENGINEER DRAWING

Notes: LOUISE BRYAN BRINKLEY JR.

03-35-16-02013-000

Site Plan submitted by:

Robert W. J. [Signature]

Signature

Agust [Signature]

Title

Plan Approved



Not Approved

Date 3-23-09

By Mark A. Jank

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE DISPOSAL SYSTEM
CONSTRUCTION PERMIT
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT # 914407
DATE PAID 3/10/09
FEE PAID \$ 30.00
RECEIPT # 1103815

CONSTRUCTION PERMIT FOR:

[X] New System [] Existing System [] Holding Tank [] Temporary/Experimental
[] Repair [] Abandonment [] Other(Specify) _____

APPLICANT: Lonnie Bryan Brinkley Jr. AGENT: Robert Ford HEST Inc

PROPERTY STREET ADDRESS: 8674 HW Lake Jeffrey Rd

LOT: BLOCK: SUBDIVISION: Maps of Bounds

PROPERTY ID #: 06-35-16-02013-000 [SECTION/TOWNSHIP/RANGE/PARCEL NUMBER]
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF CHAPTER 10D-6, FAC. REPAIR PERMITS AND HOLDING TANK PERMITS EXPIRE 90 DAYS FROM THE DATE OF ISSUE. ALL OTHER PERMITS EXPIRE ONE YEAR FROM THE DATE OF ISSUE. DEPARTMENT OF HEALTH APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID.

SYSTEM DESIGN AND SPECIFICATIONS

T [1050] [GALLONS / GPD] SEPTIC TANK AEROBIC UNIT CAPACITY MULTI-CHAMBERED / IN SERIES: []
A [] [GALLONS / GPD] CAPACITY MULTI-CHAMBERED / IN SERIES: []
N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS]
K [] GALLONS PER DOSE DOSING TANK CAPACITY DOSE RATE [] PER 24 HRS NO. OF PUMPS: []

D [445] SQUARE FEET PRIMARY DRAINFIELD SYSTEM
R [] SQUARE FEET SYSTEM
A TYPE SYSTEM: [X] STANDARD [] FILLED [] MOUND []
I CONFIGURATION: [X] TRENCH [] BED []

F LOCATION OF BENCHMARK: NATE Pink Ribbon 24" oak tree
I ELEVATION OF PROPOSED SYSTEM SITE [24] [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [46] [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT

D FILL REQUIRED: [2] INCHES EXCAVATION REQUIRED: [2] INCHES

O "Do Not" run system into slope. B-field should be no deeper than
T 22" bng @ any point
H
E
R

SPECIFICATIONS BY: Robert Ford HEST Inc TITLE: Master SM 0890475

APPROVED BY: Maryl A. Jander TITLE: Env. Manager Columbia CHI

DATE ISSUED: 3-23-09 EXPIRATION DATE: 9-23-10

Columbia County Property Appraiser

DB Last Updated: 3/5/2009

2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 06-3S-16-02013-000 HX

Search Result: 1 of 1

Owner & Property Info

Owner's Name	BRINKLEY LONNIE BRYAN JR &		
Site Address	LAKE JEFFERY		
Mailing Address	RENEE A BRINKLEY 8674 NW LAKE JEFFERY RD LAKE CITY, FL 32055		
Use Desc. (code)	MOBILE HOM (000200)		
Neighborhood	6316.00	Tax District	3
UD Codes	MKTA01	Market Area	01
Total Land Area	2.000 ACRES		
Description	BEG NW COR OF SW1/4 OF NE1/4, RUN E 208.71 FT, S 208.71 FT, W 208.71 FT, N 208.71 FT TO POB & NE1/4 OF NW1/4 & NW1/4 OF NE1/4 AS LIES S OF CR-250 & W OF I-75. PROB# 01-10-CP ORB 918-1731 THRU 1741, WD 1048-782, WD 1048-781.		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (2)	\$29,907.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$24,618.00
XFOB Value	cnt: (2)	\$1,500.00
Total Appraised Value		\$56,025.00

Just Value	\$56,025.00
Class Value	\$0.00
Assessed Value	\$56,025.00
Exempt Value	(code: HX) \$31,025.00
Total Taxable Value	\$25,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/9/2005	1048/782	WD	V	U	06	\$100.00
2/26/2005	1048/781	WD	V	U	06	\$100.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1991	WD or PLY (08)	1296	1680	\$24,618.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0040	BARN,POLE	2005	\$1,200.00	400.000	20 x 20 x 0	(.00)
0296	SHED METAL	2005	\$300.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
----------	------	-------	-------------	----------	-----------

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: Brinkley Residence
 Street: 8674 NW Lake Jeffery Road
 City, State, Zip: Lake City, FL, 32055-
 Owner: Bryan and Renee Brinkley
 Design Location: FL, Gainesville

Builder Name: Bryan and Renee Brinkley
 Permit Office:
 Permit Number:
 Jurisdiction:

1. New construction or existing New (From Plans)
 2. Single family or multiple family Single-family
 3. Number of units, if multiple family 1
 4. Number of Bedrooms 3
 5. Is this a worst case? Yes
 6. Conditioned floor area (ft²) 2592

7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.80	145.00 ft ²
SHGC:	SHGC=0.60	
b. U-Factor:	Dbl, U=0.55	105.00 ft ²
SHGC:	SHGC=0.60	
c. U-Factor:	N/A	ft ²
SHGC:		
d. U-Factor:	N/A	ft ²
SHGC:		
e. U-Factor:	N/A	ft ²
SHGC:		

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2592.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

9. Wall Types	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1728.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
d. N/A	R=	ft ²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2592.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

11. Ducts
 a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 518.4 ft²

12. Cooling systems
 a. Central Unit
 Cap: 48 kBtu/hr
 SEER: 13

13. Heating systems
 a. Electric Heat Pump
 Cap: 48 kBtu/hr
 HSPF: 7.7

14. Hot water systems
 a. Electric
 Cap: 40 gallons
 EF: 0.92

- b. Conservation features
 None

15. Credits

Pstat

Glass/Floor Area: 0.096

Total As-Built Modified Loads: 39.18

Total Baseline Loads: 48.57

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: Delia Motes
 DATE: 3-26-09

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 N110.A.3.

PROJECT

Title: Brinkley Residence	Bedrooms: 3	Address Type: Street Address
Building Type: FLAsBuilt	Bathrooms: 0	Lot #
Owner: Bryan and Renee Brinkley	Conditioned Area: 2592	SubDivision:
# of Units: 1	Total Stories: 1	PlatBook:
Builder Name: Bryan and Renee Brinkley	Worst Case: Yes	Street: 8674 NW Lake Jeffery
Permit Office:	Rotate Angle: 315	County: Columbia
Jurisdiction:	Cross Ventilation:	City, State, Zip: Lake City ,
Family Type: Single-family	Whole House Fan:	FL , 32055-
New/Existing: New (From Plans)		
Comment:		

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
✓	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
✓	1	Slab-On-Grade Edge Insulatio	216 ft	0	2592 ft²	0.3	0.3	0.4

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
✓	1	Gable or shed	Metal	2899 ft²	648 ft²	Medium	0.96	No	0	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
✓	1	Full attic	Vented	300	2592 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
✓	1	Under Attic (Vented)	30	2592 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
✓	1	N	Exterior	Frame - Wood	13	576 ft²		0.23	0.75
✓	2	S	Exterior	Frame - Wood	13	576 ft²		0.23	0.75
✓	3	E	Exterior	Frame - Wood	13	288 ft²		0.23	0.75
✓	4	W	Exterior	Frame - Wood	13	288 ft²		0.23	0.75

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	N	Insulated	None	0.46	20 ft²
_____	2	S	Insulated	None	0.46	20 ft²
_____	3	S	Insulated	None	0.46	17.78 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
_____	1	N	Metal	Double (Tinted)	Yes	0.55	0.6	N	105 ft²	8 ft 0 in	6 ft 0 in	HERS 2006	None
_____	2	S	Metal	Double (Tinted)	Yes	0.8	0.6	N	75 ft²	8 ft 0 in	1 ft 6 in	HERS 2006	None
_____	3	S	Metal	Double (Tinted)	Yes	0.8	0.6	N	4 ft²	8 ft 0 in	6 ft 0 in	HERS 2006	None
_____	4	E	Metal	Double (Tinted)	Yes	0.8	0.6	N	30 ft²	8 ft 0 in	1 ft 6 in	HERS 2006	None
_____	5	E	Metal	Double (Tinted)	Yes	0.8	0.6	N	2 ft²	8 ft 0 in	1 ft 6 in	HERS 2006	None
_____	6	E	Metal	Double (Tinted)	Yes	0.8	0.6	N	4 ft²	8 ft 0 in	1 ft 6 in	HERS 2006	None
_____	7	W	Metal	Double (Tinted)	Yes	0.8	0.6	N	30 ft²	8 ft 0 in	1 ft 6 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	--- Forced Ventilation ---		Run Time	Fan
							Supply CFM	Exhaust CFM	Fraction	Watts
_____	Default	0.00036	2448	7.08	134.4	252.7	0 cfm	0 cfm	0	0

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
_____	1	Central Unit	None	SEER: 13	48 kBtu/hr	1440 cfm	0.75	False

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
_____	1	Electric Heat Pump	None	HSPF: 7.7	48 kBtu/hr	False

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
	Cert #						
_____	None	None			ft²		

DUCTS

✓	#	--- Supply ---		--- Return ---		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
		Location	R-Value	Area	Location	Area					
	1	Attic	6	518.4 ft	Interior	129.6 ft	Default Leakage	Interior			

TEMPERATURES

Programable Thermostat: Y						Ceiling Fans:							
Cooling	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Heating	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Venting	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec	
Thermostat Schedule: HERS 2006 Reference													
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 8674 NW Lake Jeffery Road
Lake City, FL, 32055-

PERMIT #:

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.	
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	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* = 81

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

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Frame - Wood, Exterior	R=13.0	1728.00 ft ²
3. Number of units, if multiple family	1		b. N/A	R=	ft ²
4. Number of Bedrooms	3		c. N/A	R=	ft ²
5. Is this a worst case?	Yes		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	2592		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=30.0	2592.00 ft ²
a. U-Factor:	Dbl, U=0.80	145.00 ft ²	b. N/A	R=	ft ²
SHGC:	SHGC=0.60		c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.55	105.00 ft ²	11. Ducts		
SHGC:	SHGC=0.60		a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6,	518.4 ft ²	
c. U-Factor:	N/A	ft ²	12. Cooling systems		
SHGC:			a. Central Unit	Cap: 48 kBtu/hr	
d. U-Factor:	N/A	ft ²		SEER: 13	
SHGC:			13. Heating systems		
e. U-Factor:	N/A	ft ²	a. Electric Heat Pump	Cap: 48 kBtu/hr	
SHGC:				HSPF: 7.7	
8. Floor Types	Insulation	Area	14. Hot water systems		
a. Slab-On-Grade Edge Insulation	R=0.0	2592.00 ft ²	a. Electric	Cap: 40 gallons	
b. N/A	R=	ft ²		EF: 0.92	
c. N/A	R=	ft ²	b. Conservation features		
			None		
			15. Credits		Pstat

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.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



*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.



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS**

**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 – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

**Items to Include-
Each Box shall be
Circled as
Applicable**

			Yes	No	N/A
1	Two (2) complete sets of plans containing the following:		X		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		X		
3	Condition space (Sq. Ft.) 2592	Porches 1984	TTTTTT	TTTTTT	TTTT
	Total (Sq. Ft.) under roof 4576				

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

Est. Cost
180,000.00

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		IIIII	IIIII	IIIII
		YES	NO	N/A
8	Plans or specifications must show compliance with FBCR Chapter 3			
9	Basic wind speed (3-second gust), miles per hour	X		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	X		
11	Wind importance factor and nature of occupancy	X		
12	The applicable internal pressure coefficient, Components and Cladding	X		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	X		

Elevations Drawing including:

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

Floor Plan including:

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

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)

GENERAL REQUIREMENTS:
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Circled as
Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	X		
30	All posts and/or column footing including size and reinforcing	X		
31	Any special support required by soil analysis such as piling.			
32	Assumed load-bearing value of soil <u>2000</u> Pound Per Square Foot	X		
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)	X		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	X		

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides	X		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type			X
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			X

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

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			X
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and or piers			X
41	Girder type, size and spacing to load bearing walls, stem wall and or piers			X
42	Attachment of joist to girder			X
43	Wind load requirements where applicable			X
44	Show required under-floor crawl space			X
45	Show required amount of ventilation opening for under-floor spaces			X
46	Show required covering of ventilation opening			X
47	Show the required access opening to access to under-floor spaces			X
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			

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

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		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	X		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	X		
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	X		
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	X		
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)	X		
57	Indicate where pressure treated wood will be placed	X		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	X		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail			X

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

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	X		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	X		

FBCR ROOF ASSEMBLIES FRC Chapter 9

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

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		
		YES	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			☒

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	☒		
78	Exhaust fans locations in bathrooms	☒		
79	Show clothes dryer route and total run of exhaust duct	☒		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	☒		
81	Show the location of water heater	☒		

Private Potable Water

82	Pump motor horse power			☒
83	Reservoir pressure tank gallon capacity			☒
84	Rating of cycle stop valve if used			☒

Electrical layout shown including

85	Switches, outlets receptacles, lighting and all required GFCI outlets identified	☒		
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	X		
91	Arc Fault Circuits (AFCI) in bedrooms	X		

Disclosure Statement for Owner Builders 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.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be 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	X		
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	X		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	X		
95	City of Lake City A permit showing an approved waste water sewer tap			X
96	Toilet facilities shall be provided for all construction sites	X		
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.			X
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			X
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			X
100	A development permit will also be required. Development permit cost is \$50.00			X
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.			X
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			X

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 or 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 of 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 null 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 of 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 applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 8674 NW Lake Jeffery

Project Name: Brinkley Residence

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 www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Therma-Try	Steel door	5262
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other French	PGT	French	2531
B. WINDOWS			
1. Single hung	PGT Ind.	AL Single Hung	239.5
2. Horizontal Slider			
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			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	Millenium Metal	26ga steel roofing panels	4866.1
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
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 COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
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.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Renee Brinkley
 Contractor or Contractor's Authorized Agent Signature
8674 NW Lake Jeffery Rd. Lake City, FL
 Location

Renee Brinkley 3/16/09
 Print Name Date
 Permit # (FOR STAFF USE ONLY)

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 8674 NW Lake Jeffery

Project Name: Brinkley Residence

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6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
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4. Storefronts			
5. Curtain walls			
6. Wall louver			
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8. Membrane			
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10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	Millenium Metal	26ga. steel roofing panels	4866.1
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6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
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10. Waterproofing			
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Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
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H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Renee Brinkley
Contractor or Contractor's Authorized Agent Signature
8674 NW Lake Jeffery Rd. Lake City, FL
Location

Renee Brinkley 3/16/09
Print Name Date

Permit # (FOR STAFF USE ONLY)



Engineers • Planners

128 SW Nassau St
Lake City, FL 32025
Phone 386-758-4209
Fax 386-758-4290

March 30, 2009

Mr. Joe Haltimwanger
Columbia County Building and Zoning Dept
135 NE Hernando Avenue
PO Box 1529
Lake City, FL 32056-1529

RE: Permit Application No. 0903-41

Dear Mr. Haltiwanger,

In response to your letter regarding the above application, please find a revised sheet regarding the soil bearing capacity.

Two (2) sets of the Florida Energy Efficiency Codes which have been updated with the newest version of Energy Gauge.

The porches will not be 30 inches above the finished grade and therefore do not require guards.

We appreciate your consideration and attention.

Best personal regards.

Sincerely,

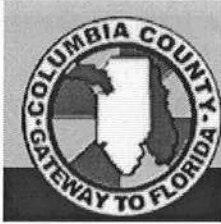
William H. Freeman
P.E. 56001

FAX TO

758-4290

3-26-09

3:00PM



From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: **0903-41**
Applicant: Renne Brinkley Owner/Builder: Property Identification number: 06-3s-16-02013-000

On the date of March 26, 2009 application 0903-41 and plans were reviewed for compliance of the 2007 Florida building code residential. The documents and plans submitted are for construction of a Group R-3 (single family dwelling) structure.

Please review the following listed information so this building permit application may proceed toward issuance.

Under the submitted plans structural design criteria (sheet A-1 of 10) soil bearing value: Freeman Design Group requires the soil bearing pressure after compaction to be 2,000 psf.

Table 1804.2 of the 2007 Florida Building Code establishes the presumptive and assumed load-bearing soils values. Within this table classifications of materials are defined. Soils such a clay, sandy clay, silty clay, clayey silt, silt and sandy silt have a assigned allowable foundation pressure of 1,500 PSF.

Footnote C of table 1804.2 allows when the building official determines that in-place soils with an allowable bearing capacity of less than 1,500 psf are likely to be present at the site, the allowable bearing capacity shall be determined by a soils investigation. Please have a soils investigation preformed. The scope of the soil investigation including the number and types of borings or soundings, the

equipment used to drill and sample, the in-situ testing equipment and the laboratory testing program shall be determined by a registered design professional.

The designer of this foundation may chose to redesign this foundation to assume a soil bearing capacity of 1,500 PSF.

The submitted Florida Energy Efficiency Code for Building Construction (form 600-A-2004R) is no longer an acceptable evaluation method, due to the adoption of the Florida Building Code Residential 2007 which became effective March 1, 2009. Please consult with EnergyGauge® to obtain the correct Florida Energy Efficiency Code for Building Construction form to be utilized.

Section R312 of the Florida Building Code Residential R312.1 *Guards required:* Porches, balconies or raised floor surfaces located more than 30 inches above the floor or grade below shall have guards not less than 36 inches in height. Open sides of stairs with a total rise of more than 30 inches above the floor or grade below shall have guards not less than 34 inches in height measured vertically from the nosing of the treads.

Porches and decks which are enclosed with insect screening shall be provided with guards where the walking surface is located more than 30 inches above the floor or grade below. Please indicate porches which will have a floor surfaces located more than 30 inches above finished grade.

If you should have any question please contact the above address, or call phone number (386) 758-1163.

Please include application number 0903-41 when making reference to this application.

This is a plan review for compliance with the Florida Building Code Residential 2007 only and doesn't make any consideration toward the land use and zoning requirements.

Thank You:



Joe Haltiwanger
Columbia County Building
Department

COLUMBIA COUNTY
OFFICIAL
SEAL

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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.

Parcel Number 06-3S-16-02013-000

Building permit No. 000027726

Use Classification SFD/UTILITY

Fire: 0.00

Permit Holder OWNER BUILDERS

Waste: 0.00

Owner of Building L. BRYAN BRINKLEY, JR. & RENEE BRINKLEY et al:

0.00

Location: 8674 NW LAKE JEFFERY RD., LAKE CITY, FL

Date: 11/03/2009



[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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:ITPP8228Z0305144853

Truss Fabricator: Anderson Truss Company
Job Identification: 9-056--Fill in later FREEMAN DESIGN GROUP -- , **
Truss Count: 18
Model Code: Florida Building Code
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:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Details: BRCLBSUB-A1101505-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	92093--A		09064082	03/05/09
2	92094--A1		09064083	03/05/09
3	92095--A2		09064084	03/05/09
4	92096--A3		09064085	03/05/09
5	92097--A4		09064086	03/05/09
6	92098--AGE		09064087	03/05/09
7	92099--J3		09064088	03/05/09
8	92100--HJ8		09064089	03/05/09
9	92101--J5		09064090	03/05/09
10	92102--J7		09064091	03/05/09
11	92103--EJ5		09064092	03/05/09
12	92104--HJ5		09064093	03/05/09
13	92105--M2		09064094	03/05/09
14	92106--M4		09064080	03/05/09
15	92107--H5M		09064095	03/05/09
16	92108--M7		09064096	03/05/09
17	92109--M1		09064081	03/05/09
18	92110--M6		09064097	03/05/09

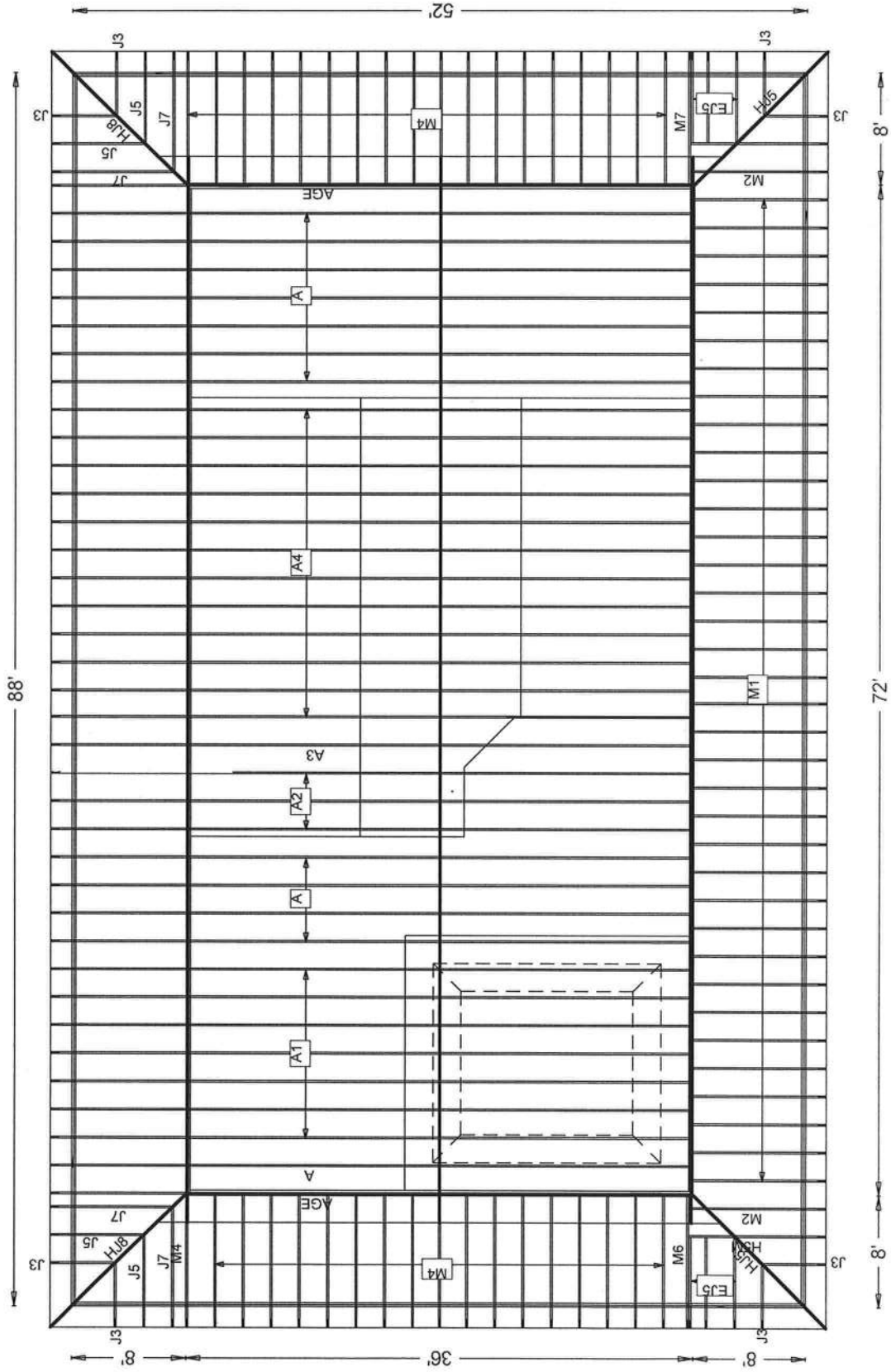
Seal Date: 03/05/2009

-Truss Design Engineer-
Doug Fleming

Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844



#9-056
FREEMAN DESIGN GROUP-
BRINKLEY



JOB DESCRIPTION: Fill in later
/ : FREEMAN DESIGN GROUP

JOB NO:
9-056

PAGE NO:
1 OF 1

BC DL	10.0	PSF	HC-ENG JB/DF	DKW HCUSR8228 09064060
BC LL	0.0	PSF	SEQN- 55214	
TOT.LD.	40.0	PSF		
DUR.FAC.	1.25			
SPACING	24.0"			1DE5- 1TD08828703

DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

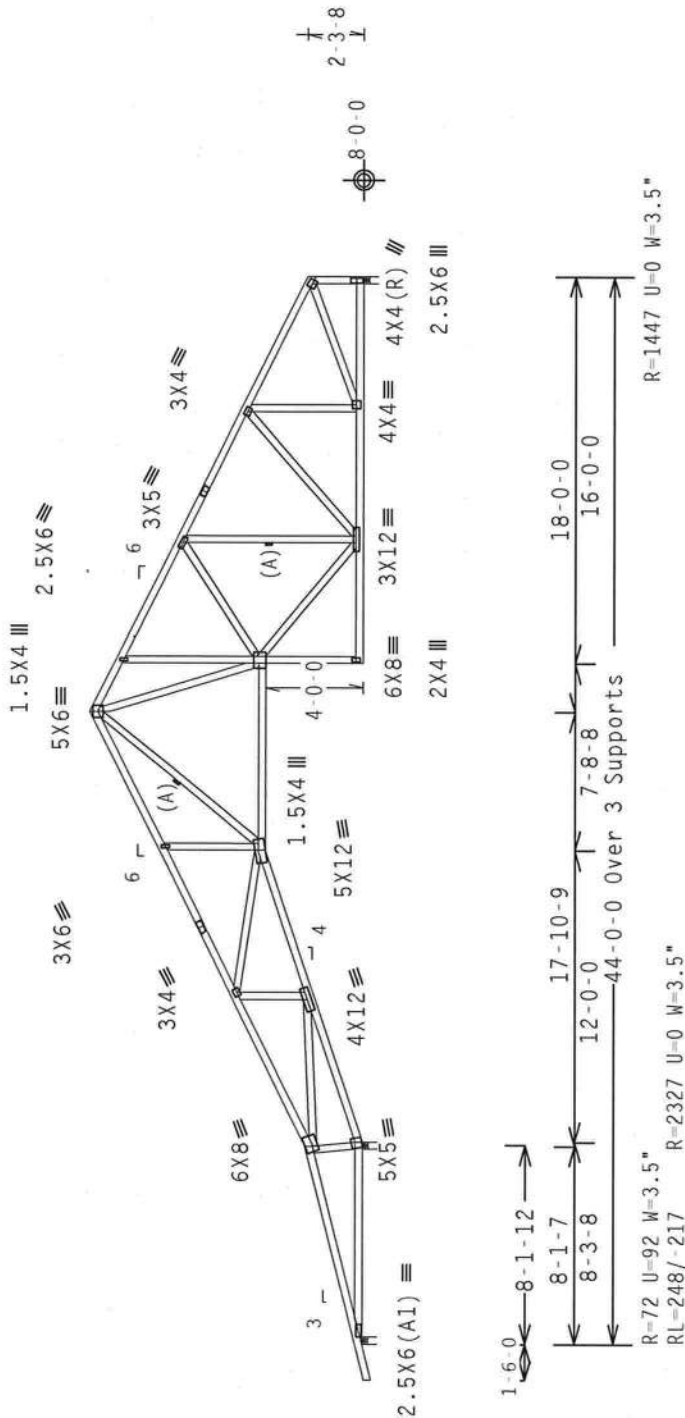
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

Wind reactions based on MNFRS pressures.

Right end vertical not exposed to wind pressure.

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=20%(0%)/0(0)

00.74

QTY:3 FL/-/4/-/-/R/-/-

Scale = .125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, INSTALLING AND BRACING. SEE INSTRUCTIONS FOR PROPER BRACING. TRUSSING PLATE INSTITUTE, 238 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304. TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMS.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY AEPKO AND TP1, ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA. OR 18/18/16GA. ASTM A653 GRADE 40/50 (C, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1911-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TP1 1 SEC. 2.



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

TC DL 10.0 PSF

BC DL 10.0 PSF

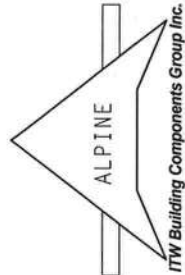
BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR. FAC. 1.25

SPACING 24.0"

PLT TYP. Wave

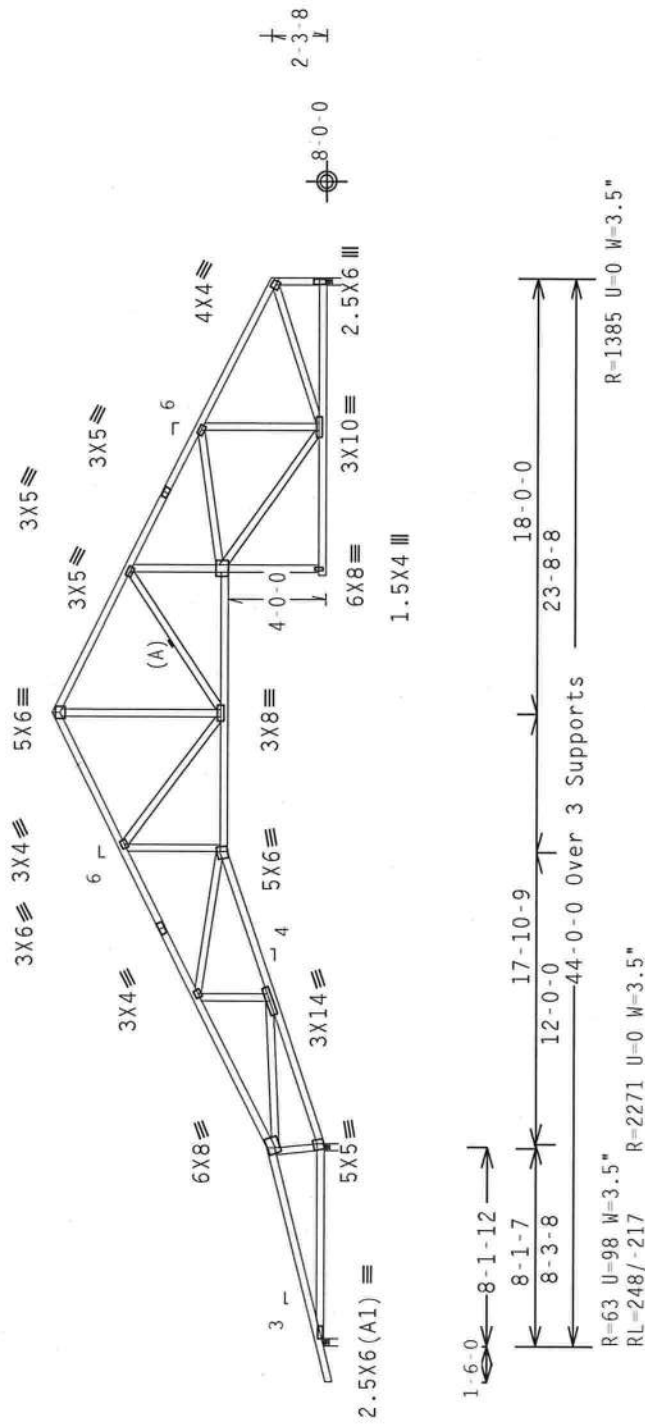


ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

Haines City, FL 33844
 FI COA #0278

JREF- 1TPP8228Z03

DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18
Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
(A) Continuous lateral bracing equally spaced on members
Deflection meets L/240 live and L/180 total load.

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=20\%(0\%)/0(0)$

PLT TYP. Wave

Scale = .125"/Ft.

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

10.18.17

8 (0) 0

 $FT/RT=20\%$

Design 611

P. Wave

1d

WARNING TRUSSES BEHIND EXTERIOR GABLE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PAPER INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

ALPINE

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

FL COA #0 278

REF- 1TPP8228Z03

DUR.FAC.	1.25
SPACING	24.0"

PROFESSIONAL ENGINEER

A SEAL ON THIS
THE TRUSS COMPONENT
RESPONSIBILITY OF THE

ANNEX A3 OF TPI1-2002
ON THE
SHARING RESPONSIBILITY
FOR ANY BUILDING

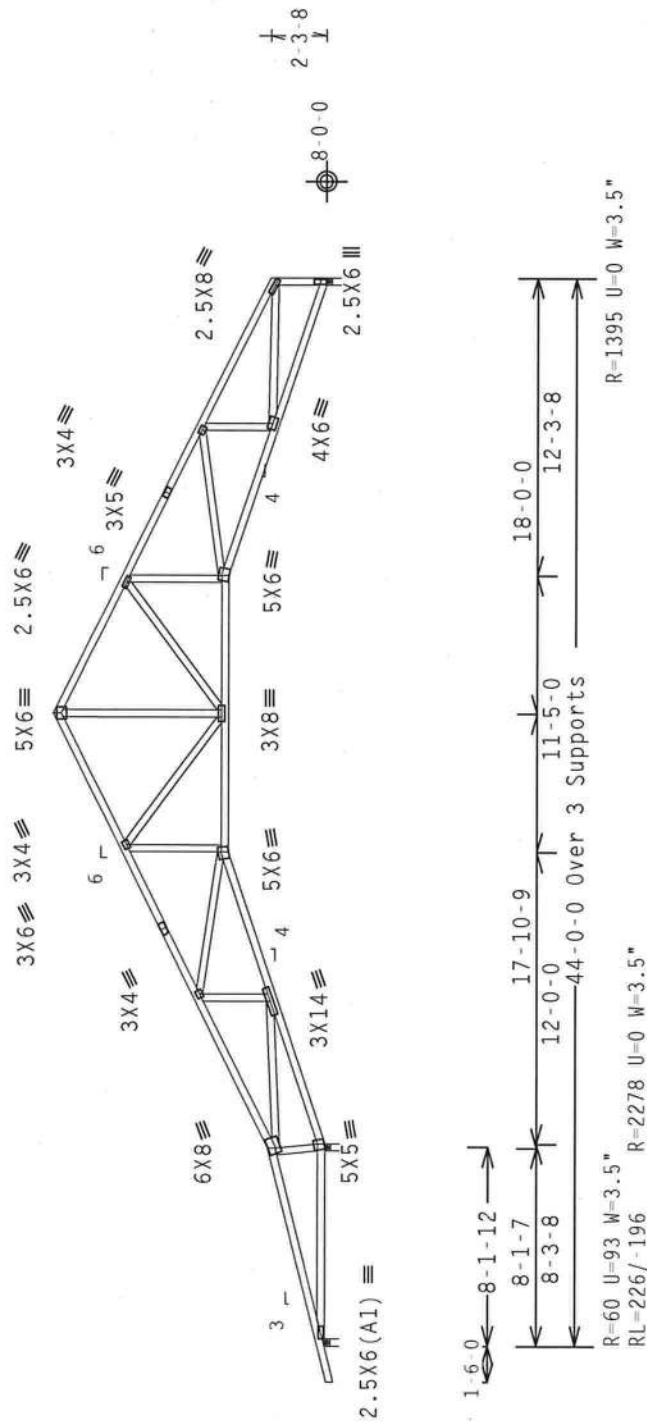
ALLOWED BY (1) SHALL
OF PROFESSIONAL E
ILITY AND USE OF THI
YPI 1 SEC. 2.

ANY INSPECTION OF THE DRAWING INDICATES THE DESIGN SHOWN. THE BUILDING DESIGNER

ing Components Gro
nes City, FL 33844
FL COA #0 278

17

DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18
Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Bottom chord checked for 10.00 psf non-concurrent live
Shim all supports to solid bearing.

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

Scale = .125"/Ft.

QTY:12 FL/-/4/-/-/R/-/-

.00

8.

FT/RT=20%(0%)/0(0)

Design Clinic

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND AISC AND AISC COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHORDING.

REF	R8228 - 920977
DATE	03/05/09

TC LL	20.0 PSF
TC DL	10.0 PSF

DOUGLAS LEARNING
LICENSE
No. 66648

BRACING,
UTE, 210
6300
UNLESS
HALL HAVE

N. HANDLING, SHIPPING, INSTALLING
PUBLISHED BY TPI (TRUSS PLATE IN-
STITUTE) IN COOPERATION WITH THE
AMERICAN WOOD TRUSS COUNCIL OF
AMERICA PRIOR TO PERFORMING THESE FUNCTIONS
ON THE STRUCTURAL PANELS AND BOTTOM CHORDS

E EXTREME CARE IN FABRICATING AND INSTALLING COMPONENT SAFETY INFORMATION. ALEXANDRIA, VA, 22304 (53719) FOR SAFETY INFORMATION. ORDER SHALL HAVE PROPER LABELING.

****WARNING**** TRUSSE
REFER TO BCST (B001)
NORTH LEE STREET, SU
ENTERPRISE LANE, MAD
OTHERWISE INDICATED
A PROPERLY ATTACHED

<

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH ANY VARIATION, SHIPPING, INSTALLING, OR BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITN BCG DESIGNER PLATES ARE MADE OF A572/510GA (43/55KSI) A53 GR50 (46/60 IN. K/H=55) GALV. STEEL. APPLICABLE TRUSS MEMBER STRENGTHS ARE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 100A-2.

ANY INSPECTION OF PLATES, JOINTS, OR TRUSSES SHALL BE CONDUCTED BY THE TRUSS COMPONENT MANUFACTURER. THE TRUSS COMPONENT MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DRAWING, SPECIFICATIONS, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

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

DRW HCUSR8228 090640
HC-ENG JB/DF
SEQN- 55264
PREF- 1TDD8228703

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

SHALL NOT
WITH
ITW BCG
APPLY
SS 160A-Z.
ON THIS
COMPONENT
TY OF THE

INSTALLATION CONTRACTOR, JTM BCO, 1
FAILURE TO BUILD THE TRUSS IN COMPLIANCE
SPACING OF TRUSSES.
NATIONAL DESIGN SPEC. BY AISC) AND TPI
A653 GRADE 40/50 (N, K/M,SS) GALV.
UNITED ON THIS DESIGN, POSITION PER DRAWING
MINOR A3 OF TPI1-2002 SEC.3.
ING RESPONSIBILITY SOLELY FOR THE TRUSS
MENT FOR ANY BUILDING IS THE RESPONSIBILITY

COPY OF THIS DESIGN TO
ATION FROM THIS DESIGN
NG, SHIPPING, INSTALL
ABLE PROVISIONS OF NO
F ZO-18/16GA (W.H./SS)
S AND, UNLESS OTHER
OLLOWED BY (1) SHALL B
CE OF PROFESSIONAL EN
ILITY AND USE OF THIS
PI 1 SEC. 2.

**** IMPORTANT **** FURNISHING CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TPI; OR FABRICATING THE TPI TO THE DESIGNER'S DESIGN. THE TPI DESIGN CONFORMS WITH THE REQUIREMENTS OF THE CONNECTOR PLATES ARE TO BE INSTALLED ON THE PLATES TO EACH FACE OF THE TPI. ANY INSPECTION OF THE TPI SHALL BE DRAWING INDICATES A DESIGN SHOWN. THE BUILDING DESIGNER PER

ALPINE
ITW Building Components
Haines City, FL

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

Gable end supports 8" max rake overhang.

See DWGS A11015050109 & GBLLET110109 for more requirements.

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

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

+ MEMBER TO BE Laterally Braced for Out of Plane Wind Loads. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

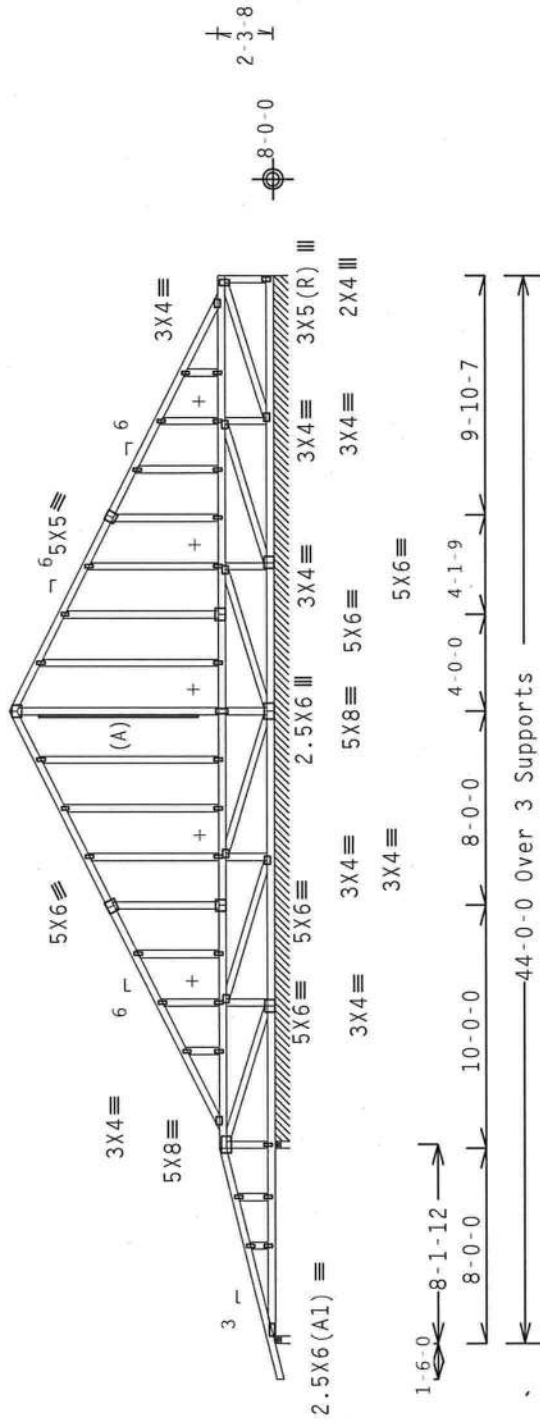
TC - From 61 PLF at -1.50 to 61 PLF at 8.12
TC - From 62 PLF at 8.12 to 62 PLF at 26.00
TC - From 62 PLF at 26.00 to 62 PLF at 44.00
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 44.00
TC - 462 LB Conc. Load at 8.03
TC - 309 LB Conc. Load at 10.06, 12.06, 14.06, 16.06, 18.06
20.06, 22.06, 24.06, 26.00, 27.94, 29.94, 31.94, 33.94, 35.94
37.94, 39.94, 41.94
TC - 1221 LB Conc. Load at 43.65

Right end vertical not exposed to wind pressure.

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

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

5X6



R=402 U-62 W=3.5"

R=239 PLF U-25 PLF W=35-8-8

R=1703 U-273 W=3.5"

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

FT/RT=20%(0%)/0(0)

8.07.08

Scale = .125"/Ft.

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

REF R8228- 92098

DATE 03/05/09

DRW HCUSR8228 09064087

HC-ENG JB/DF

SEQN- 55358

DUR.FAC. 1.25

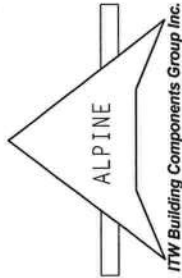
SPACING 24.0"

JREF- 1TPP8228Z03



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING THE TRUSS SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE TRUSS SHALL BE CONSIDERED A PRE-ENGINEERED TRUSS. THE TRUSS SHALL BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS OF THE MANUFACTURER. THE TRUSS SHALL BE MADE OF 20/18/16GA (W-H/SS/S) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

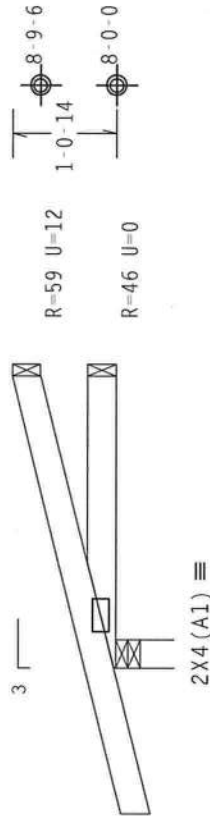


Bottom chord checked for 10.00 psf non-concurrent live load.

UL=5.0 pSt. IW=1.00 GCp1 (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



3'-0" Over 3 Supports

R=255 U=61 W=3.5"
RL=29

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20% (0%) / 0(0)

PLT TYP. Wave

Scale = .5"/Ft.

* **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PTI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID GIRDERS.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THESE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

ITN BCG HAS SPECIFICALLY DESIGNED THIS TRUSS DESIGNER SPEC BY AFAPD AND TPI. ALL STEEL CONNECTOR PLATES ARE MADE OF 70/10/16GALV AL/S285. FASTENERS ARE AS SPECIFIED.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 169A-2 THROUGH 169E-2.

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

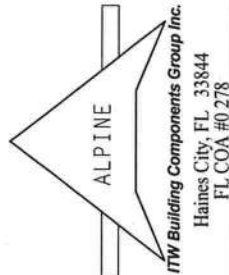
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TPI1 SEC. 2.



TC LL	20.0 PSF	REF R8228- 92099
TC DL	10.0 PSF	DATE 03/05/09
BC DL	10.0 PSF	DRW HCUSR8228 09064088
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 55119
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TPP8228Z03

05,09

JREF- 1TPP8228Z03

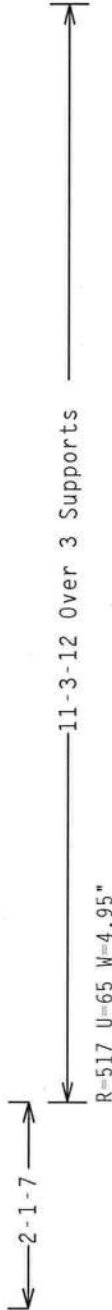
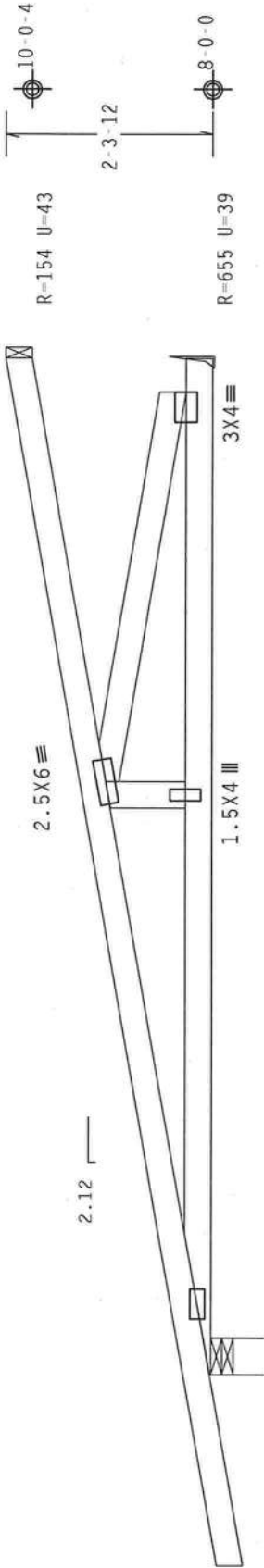


Hipjack supports 8-0-0 setback jacks. Jacks up to 7' have no webs. Longer jacks supported to BC.

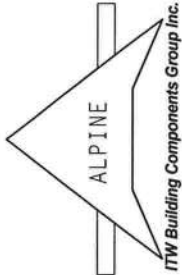
UL=5.0 PST. 1W=1.00 GUP1(+/-)=0.18

Wind reactions based on MMFRS pressures.

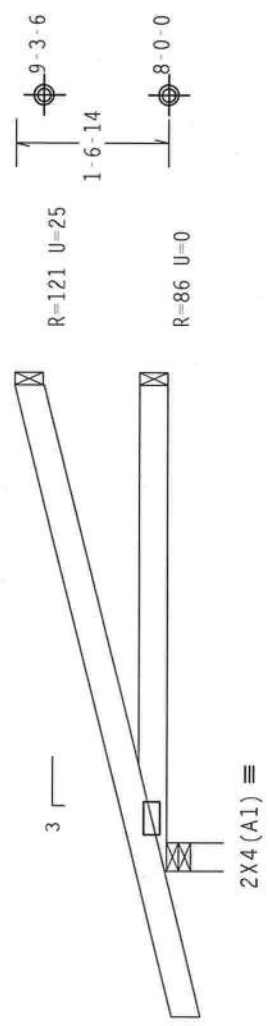
Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%) / 0(0)

PLT TYP. Wave	 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WIGA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL CONNECTIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID GULLING. **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	QTY: 2	FL / - / 4 / - / - / R / -	Scale = .5" / Ft.	TC LL	20.0	PSF	REF	R8228- 92100
						TC DL	10.0	PSF	DATE	03/05/09
						BC DL	10.0	PSF	DRW	HCUSR8228 09064089
						BC LL	0.0	PSF	HC-ENG	JB/DF
						TOT.LD.	40.0	PSF	SEQN-	55205 REV
						DUR.FAC.	1.25			
						SPACING	24.0"		JREF-	1TPP8228Z03

Roof overhang supports 2.00 psf soffit load.
 Bottom chord checked for 10.00 psf non-concurrent live load.
 UL=5.0 PST, WIND BC UL=5.0 PST. LW=1.00 GCP1 (+/-)=0.18
 Wind reactions based on MMFRS pressures.
 Deflection meets L/240 live and L/180 total load.



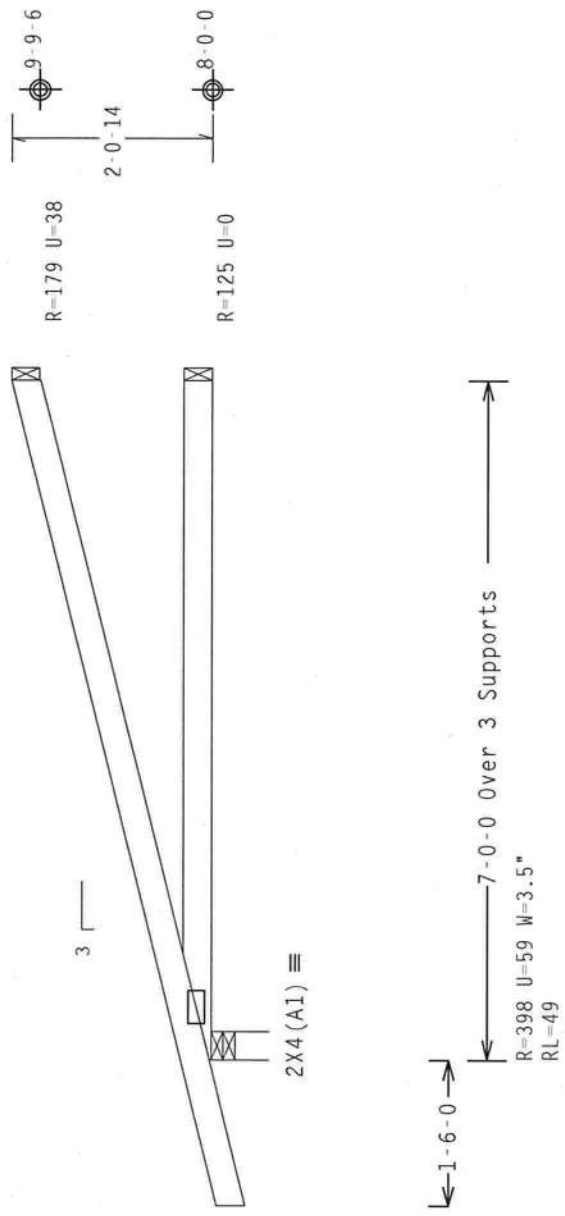
← 1-6-0 →
 ← 5-0-0 Over 3 Supports →
 R=323 U=59 W=3.5"
 RL=39

Design Crit: FBC2007Res/TPI-2002 (STD)
 FT/RT=20% (0%) / 0 (0)

PLT TYP. Wave		ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278		design crit: FBC200/Res/1P1-2002(SID) FT/RT=20%(0%)/0(0)		8.07.00	QTY: 4	FL / - / 4 / - / R / -	Scale = .5" / Ft.
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 W. 11TH AVE., SUITE 100, DENVER, CO 80202) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MICHIGAN AVE., CHICAGO, IL 60610) FOR SAFETY AND HANDLING INSTRUCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PAS) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N/A/SS/K) ASTM A653 GRADE 40/60 (N. K/A/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.				TC LL	20.0 PSF	REF	R8228- 92101		
				TC DL	10.0 PSF	DATE	03/05/09		
				BC DL	10.0 PSF	DRW	HCUSR8228 09064090		
				BC LL	0.0 PSF	HC-ENG	JB/DF		
				TOT.LD.	40.0 PSF	SEON-	55125		
				DUR.FAC.	1.25				
				SPACING	24.0"	JREF-	1TPP8228Z03		

Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.

UL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCp1(+/-)=0.18
Wind reactions based on MMFRS pressures.
Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

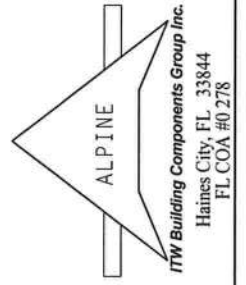
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR DESTRUCTION OF THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING HANDLING, SHIPPING, INSTALLING, BRACING OR BRIDGING. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. 17M BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (H/H/SS/K) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



QTY: 4	FL: -/4/-/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R8228- 92102
TC DL	10.0 PSF	DATE 03/05/09
BC DL	10.0 PSF	DRW HCUSR8228 09064091
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 55129
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TPP8228Z03



DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

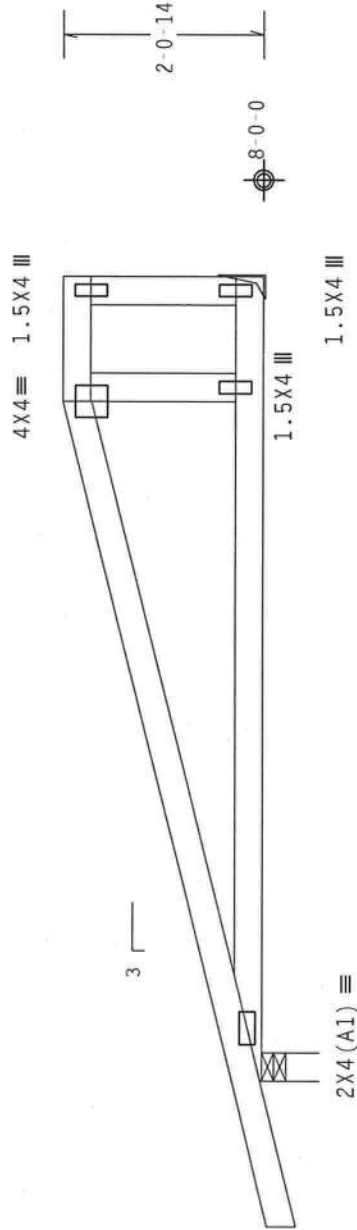
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



1-6-0

7-0-0

-8-3-8 Over 2 Supports

R=448 U=62 W=3.5"
RI=49

R-318 U-36 H-Simpson LUS24
w/ (2) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d, 0.148"x1.5" nails in Girder
Girder is (1)2X0 min. (H)

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

Scale = .5"/Ft.

00

PLT TYP. Wave

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE THUSSES ARE BEING SUPPLIED WITHOUT SAFETY INFORMATION. PUBLISHED BY TPI (THUSS PLATE INSTITUTE), 2500 N. LEE STREET, SUITE 401, WILMINGTON, NC 28406. IF YOU HAVE ANY QUESTIONS REGARDING THESE THUSSES, CONTACT US AT 704-961-8888 OR ERIKLENE@TPI.COM. ADDRESS: 501 S.W. 5737 RD., FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, VISIT OUR WEBSITE AT WWW.TPIINC.COM. ALL THUSSES MUST BE PROPERLY ATTACHED TO THE STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ANOTHER PROPERTY INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ANOTHER PROPERTY INDICATED RIGID CEILING.

*****IMPORTANT****TURNISH 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 IN COMPLIANCE WITH THE TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRACTOR PLATES WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITW BCG SHALL BE RESPONSIBLE FOR PROVIDING ALL INFORMATION REQUIRED TO CONSTRUCT THE TRUSS PER THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL JURISDICTION.

IF AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP11-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0	PSF	REF	R8228-	92105
TC DL	10.0	PSF	DATE	03/05/09	
BC DL	10.0	PSF	DRW	HCU8R8228	09064094
BC LL	0.0	PSF	HC-ENG	JB/DF	
TOT.LD.	40.0	PSF	SEQN-	55158	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1TPP8228Z03	

Roof overhang supports 2.00 psf soffit load.

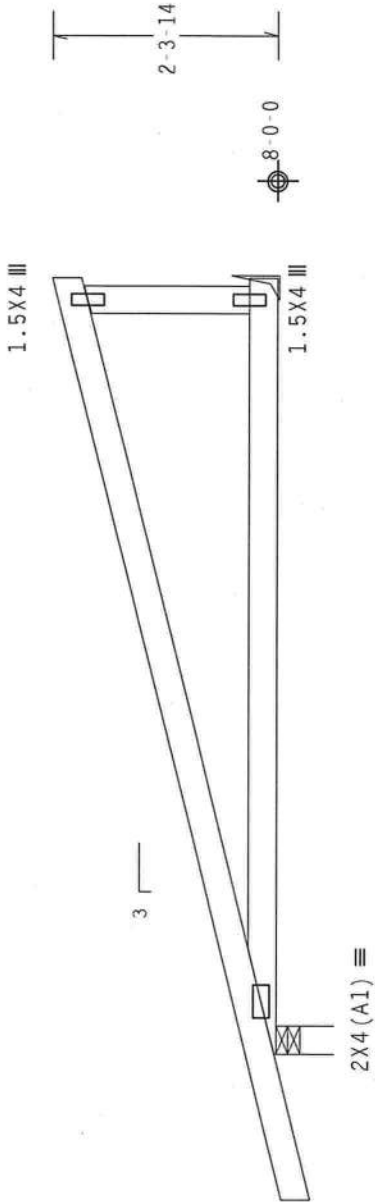
Bottom chord checked for 10.00 psf non-concurrent live load.

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

UL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00 G C p_i (+/-)=0.18$

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.



← 1'-6'-0 →
8'-0'-0 Over 2 Supports
R=433 U=60 W=3.5"
RL=55

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

QTY: 36	FL: -/4/-/-/R/-	Scale = .5" / Ft.
TC LL	20.0 PSF	REF R8228- 92106
TC DL	10.0 PSF	DATE 03/05/09
BC DL	10.0 PSF	DRW HCUSR8228 09064080
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 55116
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TPP8228Z03

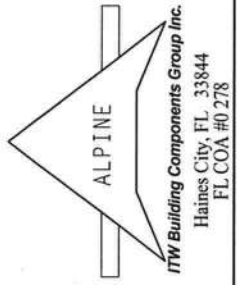


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 W. 11TH ST., ALBUQUERQUE, NM 87102) AND WCA (WOOD COUNCIL OF AMERICA, 6300 ENTERPRISE BLVD., MADISON, WI 53705) FOR ADDITIONAL INFORMATION. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI1. ITH BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (44/55/K) ASTM A653 GRADE 40/60 (44, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

PLT TYP. Wave



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

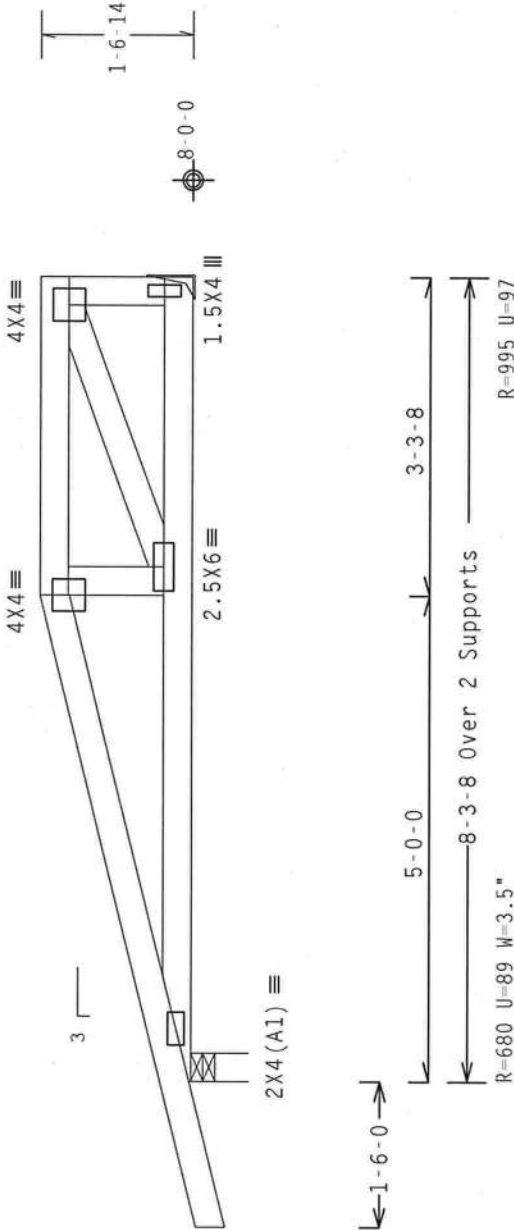
Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

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

IC - From 61 PLF at -1.50 to 61 PLF at 5.00
TC - From 61 PLF at 5.00 to 61 PLF at 8.29
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 8.29
TC - 324 LB Conc. Load at 5.03
TC - 121 LB Conc. Load at 7.06, 8.19
BC - 171 LB Conc. Load at 5.03
BC - 86 LB Conc. Load at 7.06, 8.19



Design Crit: FBC2007Res/TPI-2002(STD)

FT/RT=20%(0%) / 0(0)

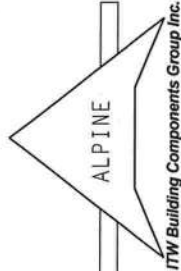
8.07.00

QTY: 2

Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 NORTH CENTRAL AVENUE, SUITE 119, DENVER, CO 80221) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. 11H BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-H/SS/K) ASTM A653 GRADE 40/60 (M, K/PA-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 92107
TC DL	10.0 PSF	DATE	03/05/09
BC DL	10.0 PSF	DRW	HCUSR8228 09064095
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	55149
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TPP8228Z03

WEDS 2X4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 Gcpi(+/-)=0.18

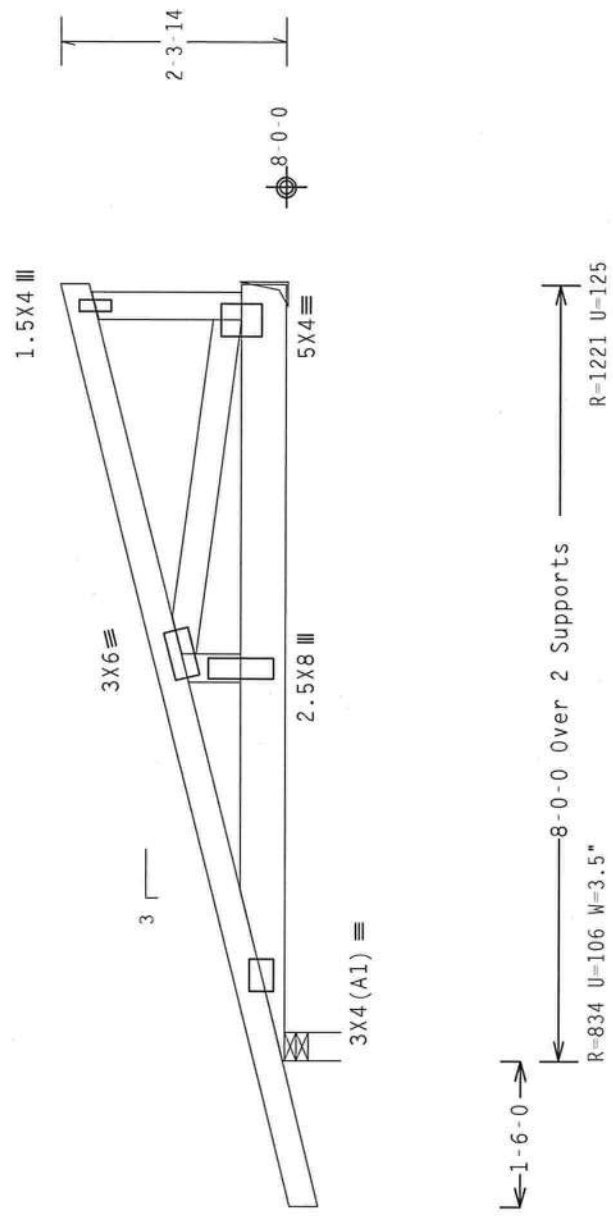
Wind reactions based on MWFRS pressures.

Roof overhanging supports 2.00 psf soffit load.

1C - From 61 PLF at -1.50 to 61 PLF at 8.00
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 8.00
BC - 995 LB Conc. Load at 5.06
BC - 318 LB Conc. Load at 7.06

Right end vertical not exposed to wind pressure.

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



Design Crit: FBC2007Res/TPI-2002(STD)

FT/RT=20%(0%)/0(0)

8.07.00

QTY:1

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

Scale = .5"/Ft.

REF R8228- 92108

DATE 03/05/09

DRW HCUSR8228 09064096

HC-ENG JB/DF

SEQN- 55195

DUR.FAC. 1.25

SPACING 24.0"

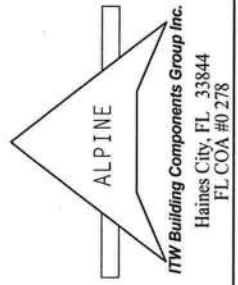
JREF- 1TPP8228Z03

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS AND METHODS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO FOLLOW THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (H/H/SS/K) ASTM A653 GRADE 40/60 (M, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



PLT TYP. Wave



WEDS 2X4 SP #3

Roof overhang supports 2.00 psf soffit load.

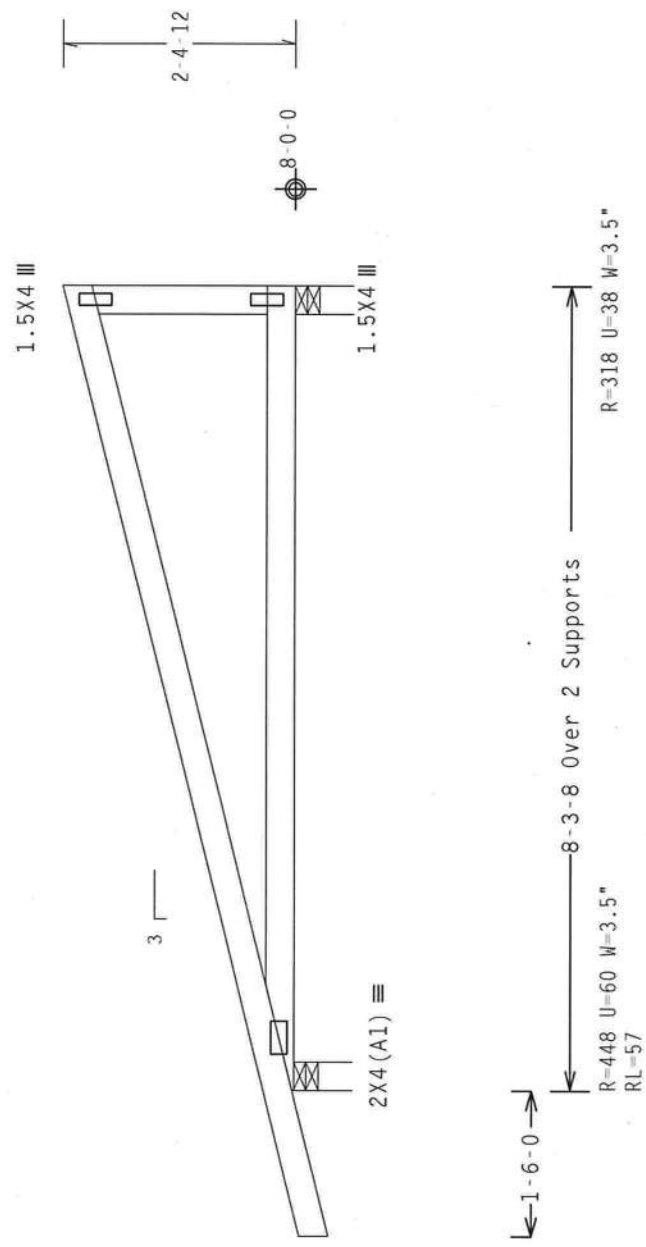
Bottom chord checked for 10.00 psf non-concurrent live load.

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

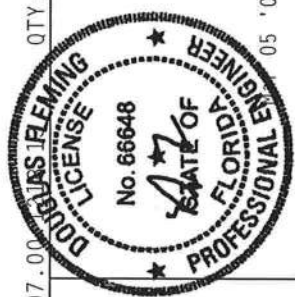
DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

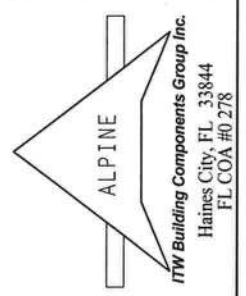


PLT TYP. Wave	Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)		8.07.00	QTY:36	FL/-/4/-/-/R/-	Scale = .5"/Ft.	
				TC LL	20.0 PSF	REF	R8228- 92109
				TC DL	10.0 PSF	DATE	03/05/09
				BC DL	10.0 PSF	DRW	HCUSR8228 09064081
				BC LL	0.0 PSF	HC-ENG	JB/DF *
				TOT.LD.	40.0 PSF	SEQN-	55198
				DUR.FAC.	1.25		
				SPACING	24.0"	JREF-	1TPP8228Z03



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGNING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. UNLESS OTHERWISE INDICATED, ALL TRUSS COMPONENTS SHALL BE MADE OF 2018/216GA (R/H/SS/PS) ASTM A551 GRADE 40/50 (A K/M/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

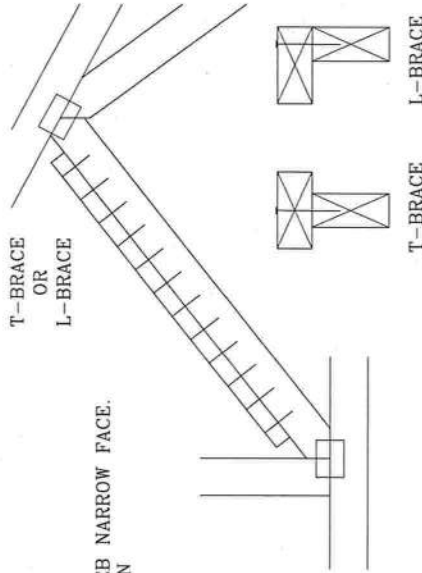
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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

T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3." MIN) NAILS. AT 6" O.C.

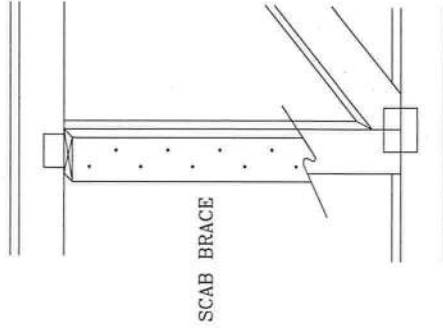
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

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

BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



Building Components Group Inc.

Earth City, MO 63045

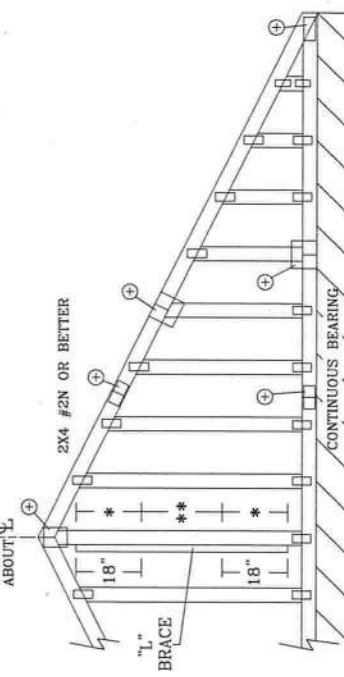
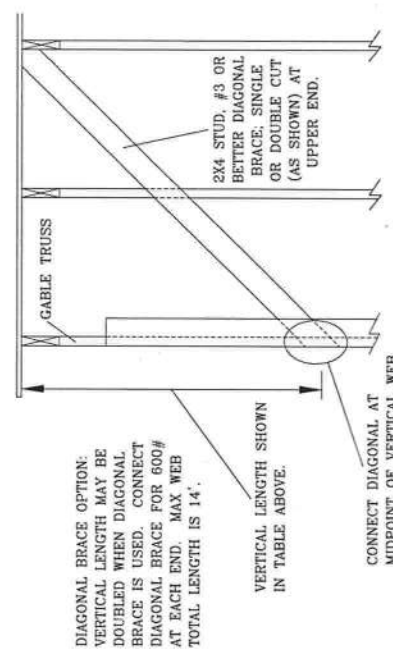
****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural panels and bottom chord shall have a properly attached rigid diaphragm. See this job's general notes page for more information.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI, or fabricating, handling, shipping, installing & bracing of trusses. ITWBCG connector plates are made of 2018/16GA (V1/3/5/K) ASTM A653 grade 37/40/60 (Avalon) 80% min. yield steel. Apply plates to each face of truss, positioned as shown above and on Joint Details. A valid 80% min. yield steel stamp shall be present on all plates. The suitability and use of this component for any building is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. ITW-BCG: www.itwbeg.com; TPI: www.tpinet.com; WCA: www.abcdindustry.com; ICC: www.iccsafe.org

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	BRCLBSUB0109
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



2X4 GABLE VERTICAL SPACING		BRACE		NO BRACES		(1) 1X4 "L" BRACE		(2) 2X4 "L" BRACE		(1) 2X6 "L" BRACE		(2) 2X6 "L" BRACE		(1) 2X8 "L" BRACE		(2) 2X8 "L" BRACE		(1) 2X6 "L" BRACE		(2) 2X6 "L" BRACE		(1) 2X8 "L" BRACE		(2) 2X8 "L" BRACE	
GABLE VERTICAL SPACING	SPECIES	GRADE	#1 / #2	BRACE	NO BRACES	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
MAX GABLE VERTICAL LENGTH	SPF			3' 10"	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
	HF			3' 9"	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"	12' 4"
	SP			3' 9"	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	9' 1"	9' 1"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"	10' 7"
	DFL			4' 3"	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
24" O.C.	SP			4' 2"	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
	HF			4' 0"	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
	SP			3' 10"	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	9' 4"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"
	DFL			4' 5"	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
16" O.C.	SP			4' 4"	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF			4' 4"	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP			4' 10"	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL			4' 9"	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SP			4' 6"	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF			4' 5"	4' 5"	6' 5"	6' 5"	8' 6"	8' 6"	10' 10"	11' 1"	13' 3"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP			4' 11"	4' 11"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL			4' 9"	4' 9"	8' 5"	8' 5"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

BRACING GROUP SPECIES AND GRADES:

GROUP A:		HEM-FIR	
SPRUCE-PINE-FIR	#1 / #2	STUD	STANDARD
DOUGLAS FIR-LARCH	#3	STUD	STANDARD
SOUTHERN PINE		#3	STUD
DOUGLAS FIR-LARCH		#1	STUD
SOUTHERN PINE		#2	STUD
GROUP B:		HEM-FIR	
DOUGLAS FIR-LARCH		#1 & BTR	#1
SOUTHERN PINE		#1	#2
DOUGLAS FIR-LARCH		#1	#2
SOUTHERN PINE		#1	#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.
 PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).
 GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.
 ATTACH EACH "L" BRACE WITH 10d NAILS.
 * FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
 ** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
 "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2.5X4
GREATER THAN 11' 6"	3X4
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	

Building Components Group Inc.
Earth City, MO 63045

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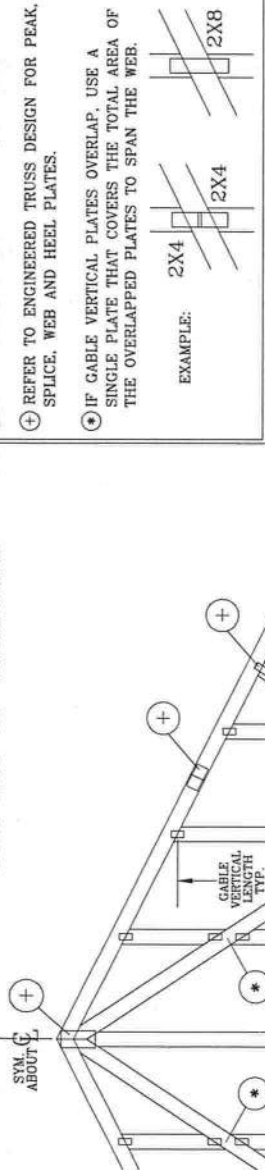
Earth City, MO 63045



REF	ASCE7-05-CABI1015
DATE	1/1/09
DRWG	A11015050109

MAX. TOT. LD. 60 PSF	MAX. SPACING 24.0"
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FOR LET-IN VERTICALS

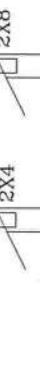


REFER TO APPROPRIATE ITW CABLE DETAIL FOR MINIMUM PLATE SIZES FOR VERTICAL STUDS.

- ⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.
- ⊙ IF CABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE THAT COVERS THE TOTAL AREA OF THE OVERLAPPED PLATES TO SPAN THE WEB.



EXAMPLE:



2X4

2X4

2X8

2X8

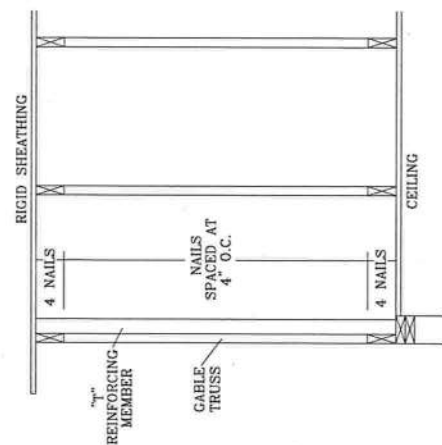
PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.
ATTACH EACH "T" REINFORCING MEMBER WITH
END DRIVEN NAILS:
10d COMMON (0.148"x 3" MIN) NAILS AT 4" O.C. PLUS
(4) NAILS IN TOP AND BOTTOM CHORD.

TOENAIL NAILS:
10d COMMON (0.148"x 3" MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ITW CABLE DETAIL FOR ASCE WIND LOAD.

- ASCE 7-98 GABLE DETAIL DRAWINGS
A13015980109, A12015980109, A1015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109
- ASCE 7-02 GABLE DETAIL DRAWINGS
A13015020109, A12015020109, A11015020109, A10015020109,
A13030020109, A12030020109, A11030020109, A10030020109
- ASCE 7-05 GABLE DETAIL DRAWINGS
A13015050109, A12015050109, A11015050109, A10015050109,
A13030050109, A12030050109, A11030050109, A10030050109

SEE APPROPRIATE ITW CABLE DETAIL FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.



RIGID SHEATHING

4 NAILS

REINFORCING MEMBER

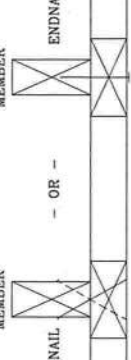
NAILS SPACED AT 4" O.C.

CABLE TRUSS

4 NAILS

CEILING

"T" REINFORCING MEMBER



TOENAIL

- OR -

ENDNAIL

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

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINFORCING MEMBER SIZE	"T" INCREASE
140 MPH	2x4	10 %
15 FT	2x6	50 %
140 MPH	2x4	10 %
30 FT	2x6	50 %
130 MPH	2x4	10 %
15 FT	2x6	50 %
130 MPH	2x4	10 %
30 FT	2x6	50 %
120 MPH	2x4	10 %
15 FT	2x6	50 %
120 MPH	2x4	10 %
30 FT	2x6	40 %
110 MPH	2x4	10 %
15 FT	2x6	40 %
110 MPH	2x4	10 %
30 FT	2x6	50 %
100 MPH	2x4	20 %
15 FT	2x6	30 %
100 MPH	2x4	10 %
30 FT	2x6	40 %
90 MPH	2x4	20 %
15 FT	2x6	20 %
90 MPH	2x4	20 %
30 FT	2x6	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

1.10 x 6' 7" = 7' 3"

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information) by TPI and WCA for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural panels and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B5 & B7. See this job's general notes page for more information.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. any failure to build the truss in conformance with TPI or fabricating, handling, shipping, installing & bracing of trusses. ITWBCG connector plates are made of 20/18/16GA (W/H/S/K) ASTM A653 grade 37/40/50 (K/W/H/S) galv. steel. Apply plates to each face of truss, positioned as shown above and on Joint Details. No seal on this drawing or cover page indicates acceptance and professional engineering responsibility solely to the Building Designer per ANSI/TPI 1, Sec. 2. ITW-BGC: www.itwbcg.com; TPI: www.tpinet.com; WCA: www.abindustry.com; ICC: www.iccsafe.org



Earth City, MO 63045

REF	LET-IN VERT
DATE	1/1/09
DRWG	GBLETN0109

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



Notice of Treatment

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: 536 SE BAYVIEW

City: LAKE CITY

Phone: 752 1703

Site Location: Subdivision _____

Lot # _____

Block# _____

Permit # # 27726

Address _____

Product used

Active Ingredient

% Concentration

- | | | |
|---|----------------------------------|-------|
| ☒ Premise | Imidacloprid | 0.1% |
| ☐ Termidor | Fipronil | 0.12% |
| ☐ Bora-Care | Disodium Octaborate Tetrahydrate | 23.0% |

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

DWELLING

2952

216

200

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

6-25-09

Date

2:00

Time

DAVID FULLER

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 SE Bay Dr

City Lake City

Phone 752-1703

Site Location: Subdivision _____

Lot # _____

Block# _____

Permit # 27726

Address 8674 NW Lake Jeffery Rd Lake City

Product used

Active Ingredient

% Concentration

☐ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Porch

1984

270

180

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

7/2/09

Date

8:30

Time

Noel Southern

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

