DATE 04/01/2013

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000030890

APPLICANT WILLIAM J. CASON PHONE 352.283.3542

ADDRESS 20223 NE 6TH STREET GAINESVILLE FL 32609

OWNER HELEN TUCKER & JTWRS PHONE 386.454.5713

ADDRESS 196 SW MARIN GLEN FT. WHITE FL 32038

CONTRACTOR WILLIAM J. CASON PHONE 352.283.3542

LOCATION OF PROPERTY 47-S TO C-138,TL TO RUM ISLAND RD,TR @ CURVE AND GO STRAIGHT TO AQUA TO MARINE..1ST PLACE ON R.

TYPE DEVELOPMENT DETACHED WORKSHOP ESTIMATED COST OF CONSTRUCTION 60000.00

HEATED FLOOR AREA _____ TOTAL AREA 996.00 HEIGHT 26.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 12'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 36-7S-16-04351-104 SUBDIVISION _____

LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 8.50

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC060151	William J Cason

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING		BLK	TC	N

COMMENTS: NOC ON FILE.

Check # or Cash 1356

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by Foundation _____ date/app. by Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by Slab _____ date/app. by Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by Insulation _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by Peri. beam (Lintel) _____ date/app. by Pool _____ date/app. by

Permanent power _____ date/app. by C.O. Final _____ date/app. by Culvert _____ date/app. by

Pump pole _____ date/app. by Utility Pole _____ date/app. by M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Reconnection _____ date/app. by RV _____ date/app. by Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 300.00 CERTIFICATION FEE $ 4.98 SURCHARGE FEE $ 4.98

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** 384.96

INSPECTORS OFFICE _____ CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

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

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

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

Permit # 30890

ARROW EXTERMINATORS
Beyond The Call.

5602 N.W. 13th STREET
GAINESVILLE, FLORIDA 32653-2198

www.arrowexterminators.com

P.O. BOX 5875
GAINESVILLE, FLORIDA 32627-5875

PHONE (352) 373-3642
FAX (352) 373-9037

CERTIFICATE OF PROTECTIVE TREATMENT

Builder: CASON

Date: 4·22·13 Time: AM 500 PM

Site Location: 196 SW MARINE GLEN

Area Treated: MAIN SLAB / PORCH

Product Used: PREMISE PRE Chemical Used: IMIDACLOPRID

% Concentration: .05% # Gallons Used: 102

Applicator: J. RILEY

ARW-SAS-176-3013 (03/09)

CERTIFICATE OF 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 36-7S-16-04351-104 **Building permit No.** 000030890

Use Classification DETACHED WORKSHOP **Fire:** 0.00

Permit Holder WILLIAM J. CASON **Waste:**

Owner of Building HELEN TUCKER & JTWRS **Total:** 0.00

Location: 196 SW MARIN GLEN, FT. WHITE, FL 32038

Date: 07/16/2013

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Permit #36890

ARROW EXTERMINATORS
Beyond The Call.

CERTIFICATE OF COMPLIANCE OF TERMITE PROTECTION

(as required by Florida Building Code (FBC) 1816.1.7)

ARROW EXTERMINATORS, INC
(352) 373-3642

Cason Builders 196 SW Marine Glen, Ft White Detached Garage
Address of Treatment or Lot/Block of Treatment

Soil Barrier
Method of Termite Prevention Treatment-soil barrier, wood treatment, bait system, other (describe)

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

Authorized Signature

July 12, 2013
Date

P.O. Box 5875 • Gainsville, FL 32627-5875 • 5602 NW 13th Street - Gainesville, FL 32653
Office: 352 373 3642 • Fax: 352 373 9037

Columbia County Building Permit Application

1356

For Office Use Only Application # 1303-43 Date Received 3/19 By JN Permit # 30896

Zoning Official BLK Date 26 MARCH 13 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner J.C. Date 3-25-13

Comments

~~NOC~~ ~~EH~~ ~~Deed or PA~~ ~~Site Plan~~ ~~State Road Info~~ ~~Well letter~~ ~~911 Sheet~~ Parent Parcel #

Dev Permit # In Floodway Letter of Auth. from Contractor F W Comp. letter

IMPACT FEES: EMS Fire Corr ~~Sub VF Form~~

Road/Code School = TOTAL (Suspended) Ellisville Water ~~App Fee Paid~~

Septic Permit No. N/A Fax 352-485-2362

Name Authorized Person Signing Permit William J Cason Phone 352-283-3542

Address 20223 NE 6th Street Gainesville, FL, 32609

Owners Name Helen Tucker Phone 386-454-5713

911 Address 196 SW marine GlN, Fort White, FL, 32038

Contractors Name William J Cason Phone 352-283-3542

Address 20223 NE 6th Street, Gainesville, FL, 32609

Fee Simple Owner Name & Address Helen Tucker 196 SW marineGlen, Fort White

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disosway P.E. PO Box 868, Lake City, FL, 32056

Mortgage Lenders Name & Address N/A

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progress Energy

Property ID Number 36-7S-16-04351-104 Estimated Cost of Construction $60,000.00

Subdivision Name N/A Lot 4 Block N/A Unit N/A Phase N/A

Driving Directions 47 STO → 138 TL TO RUM Island Terrace TR AT CURVE GO STRAIGHT ON Aqua Glen then TURN ON, marine Glen N/A ON N House ON RIGHT

Number of Existing Dwellings on Property 1

Construction of Detached workShop/storage Shed Total Acreage 8.5 Lot Size

Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive) Total Building Height 26'

Actual Distance of Structure from Property Lines - Front 104' Side 80' Side 86' Rear 227'

Number of Stories 2 Heated Floor Area N/A Total Floor Area 996 Roof Pitch 12/12

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. **CODE:** Florida Building Code 2010 and the 2008 National Electrical Code.

JN spoke w/Bill 3.26.13.

Columbia County Building Permit Application

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

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

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

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

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

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Owners Must Sign All Applications Before Permit Issuance.)

Kelan Tuck 3-14-13

Owners Signature ****OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

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

Contractor's Signature (Permitee)

Contractor's License Number CBC-060151
Columbia County
Competency Card Number 3389

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 19th **day of** March **20**13.

Personally known ✓ **or Produced Identification** _____

State of Florida Notary Signature (For the Contractor)

LAURIE HODSON
MY COMMISSION # EE 214728
EXPIRES: July 14, 2016
Bonded Thru Notary Public Underwriters

NOTICE OF COMMENCEMENT

Clerk's Office Stamp

Inst 201312004107 Date 3/19/2013 Time 10:15 AM
DC P.DeWitt Cason,Columbia County Page 1 of 1 B:1251 P:1110

Tax Parcel Identification Number:

36-7S-16-04351-104

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.**

1. Description of property *(legal description)*: 8.5 ACRES LOT 4
   a) Street *(job)* Address: 196 SW Marine Glen, FORT White, Fl, 32038
2. General description of improvements: Detached WORKSHOP/Storage Shed
3. Owner Information
   a) Name and address: Helen TUCKER & Mary Lewis 196 SW Marine Glen, Fort White, Fl, 32038
   b) Name and address of fee simple titleholder (if other than owner) _____
   c) Interest in property Owner
4. Contractor Information
   a) Name and address: Cason Builders Inc, 20223 NE 6th Street, Gainesville, Fl, 32609
   b) Telephone No.: 352-283-3542 Fax No. (Opt.) 352 485-2362
5. Surety Information
   a) ~~Name and address~~: N/A
   b) Amount of Bond: N/A
   c) Telephone No.: N/A Fax No. (Opt.) N/A
6. Lender
   a) Name and address: N/A
   b) Phone No. N/A
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: N/A
   b) Telephone No.: N/A Fax No. (Opt.) N/A
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: N/A
   b) Telephone No.: N/A Fax No. (Opt.) N/A
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. Helen Tucker 3-14-13
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Helen Tucker
Printed Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 14 day of March, 20 13, by: Helen Roderick Blackett as OFFICE (type of authority, e.g. officer, trustee, attorney fact) for Helen Tucker (name of party on behalf of whom instrument was executed).

Personally Known ____ OR Produced Identification ✓ Type FLDL

Notary Signature _____ Notary Stamp or Seal:

RODERICK D. BLACKETT
NOTARY PUBLIC
STATE OF FLORIDA
Comm# EE840495
Expires 10/3/2016

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.

Helen Tucker 3-14-13
Signature of Natural Person Signing (in line #10 above.)

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
 Document ID:1UU92327Z0104152421

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
03/04/2013

Truss Fabricator:	**Duley Truss**
Job Identification:	**L0177-84 LUMBER TUCKER WORKSHOP (L0177-84 LUMBER TUCKER WORKSHOP)**
Truss Count:	**2**
Model Code:	**Florida Building Code 2010**
Truss Criteria:	**FBC2010Res/TPI-2007(STD)**
Engineering Software:	**Alpine Software,Version 10.03.**
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 - 37.0 PSF @ 1.25 Duration**
	Floor - N/A
	Wind - 140 MPH ASCE 7-10 -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: HCUSR2327**

William H. Krick
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

Details: 14015EC1-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	94322--T1		13063007	03/04/13
2	94323--T2		13063008	03/04/13

COLUMBIA COUNTY BUILDING DEPARTMENT
Received for FILE COPY
Code Compliance
PLANS EXAMINER

Gable Stud Reinforcement Detail

ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or: 120 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
Or: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00
Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length

2x4 Gable Vertical Spacing	Species	Brace Grade	No Braces	(1) 1x4 'L' Brace *		(1) 2x4 'L' Brace *		(2) 2x4 'L' Brace **		(1) 2x6 'L' Brace *		(2) 2x6 'L' Brace **	
				Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B	Group A	Group B
24" o.c.	SPF HF	#1 / #2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
		#3	4' 1"	6' 7"	7' 1"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
		Stud	4' 1"	7' 2"	7' 5"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
		Standard	4' 1"	6' 11"	7' 5"	8' 6"	8' 10"	10' 1"	10' 6"	13' 4"	13' 10"	14' 0"	14' 0"
	SP DFL	#1	4' 4"	7' 4"	7' 7"	8' 8"	9' 0"	10' 3"	10' 8"	13' 7"	14' 0"	14' 0"	14' 0"
		#2	4' 3"	7' 3"	7' 7"	8' 7"	8' 11"	10' 3"	10' 8"	13' 6"	14' 0"	14' 0"	14' 0"
		#3	4' 1"	5' 11"	6' 4"	7' 11"	8' 5"	10' 1"	10' 6"	12' 5"	13' 3"	14' 0"	14' 0"
		Stud	4' 1"	5' 11"	6' 4"	7' 11"	8' 5"	10' 1"	10' 6"	12' 5"	13' 3"	14' 0"	14' 0"
		Standard	3' 11"	5' 2"	5' 5"	6' 10"	7' 4"	9' 3"	9' 11"	10' 9"	11' 6"	14' 0"	14' 0"
16" o.c.	SPF HF	#1 / #2	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	12' 2"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 8"	8' 1"	8' 8"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 8"	8' 2"	8' 6"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 8"	8' 2"	8' 6"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 0"	8' 5"	8' 8"	9' 11"	10' 3"	11' 9"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 11"	8' 4"	8' 8"	9' 10"	10' 3"	11' 8"	12' 2"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 8"	7' 3"	7' 9"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 8"	7' 3"	7' 9"	9' 8"	10' 1"	11' 7"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 8"	6' 3"	6' 8"	8' 5"	8' 11"	11' 4"	12' 1"	13' 2"	14' 0"	14' 0"	14' 0"
12" o.c.	SPF HF	#1 / #2	5' 5"	9' 2"	9' 6"	10' 10"	11' 3"	11' 8"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 1"	9' 0"	9' 4"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 6"	9' 3"	9' 7"	10' 11"	11' 4"	12' 11"	13' 6"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 5"	9' 2"	9' 6"	10' 10"	11' 3"	12' 11"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 1"	8' 4"	8' 11"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 1"	8' 4"	8' 11"	10' 8"	11' 1"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 1"	7' 3"	7' 9"	9' 8"	10' 4"	12' 9"	13' 3"	14' 0"	14' 0"	14' 0"	14' 0"

Bracing Group Species and Grades:

Group A:

Spruce-Pine-Fir	
#1 / #2	Standard
#3	Stud

Hem-Fir	
#2	Stud
#3	Standard

Douglas Fir-Larch
#3
Stud
Standard

Southern Pine***
#3
Stud
Standard

Group B:

Hem-Fir
#1 & Btr
#1

Douglas Fir-Larch
#1
#2

Southern Pine***
#1
#2

1x4 Braces shall be SRB (Stress-Rated Board).

***For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 55 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.

So. Pine lumber design values based on the ALSC January, 2012 rulin

Attach 'L' braces with 10d (0.128"x3.0" min) nails.

* For (1) 'L' brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones.

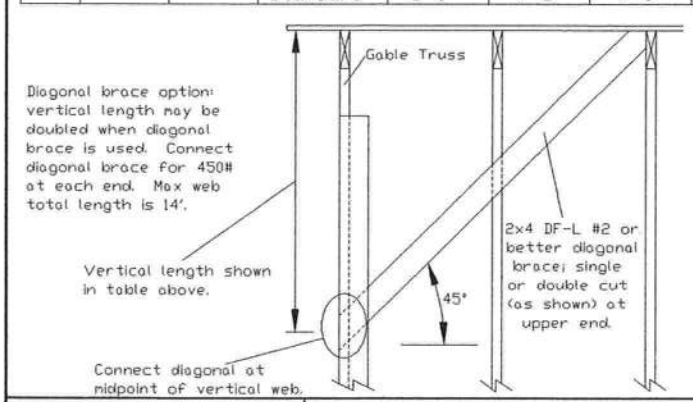
** For (2) 'L' braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

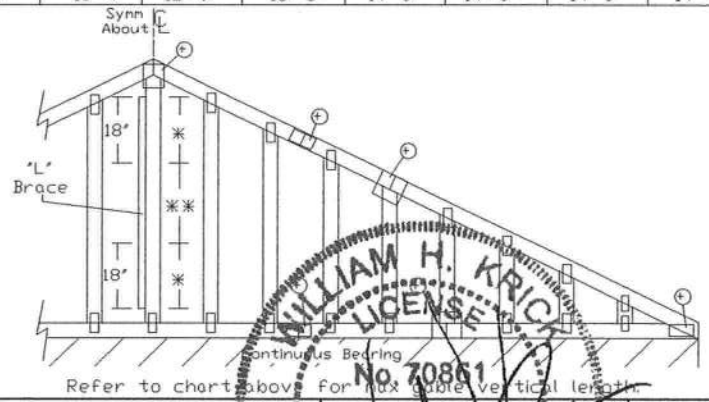
'L' bracing must be a minimum of 80% of web member length.

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
Greather than 11' 6"	3X4

+ Refer to common truss design for peak, splice, and heel plates.

Refer to the Building Designer for conditions not addressed by this detail.





Refer to chart above for max gable vertical length.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER 03/04/2013

Mar 04 '13

ITW Building Components Group Inc.

Earth City, MO 63045

WARNING READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and WTCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see this job's general notes page and these web sites:
ITWBCG: www.itwbcg.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.org; ICC: www.iccsafe.org

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-10-GAB14015
DATE 2/14/12
DRWG A14015ENC100212

(L0177-84 LUMBER TUCKER WORKSHOP - T2)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Lt Wedge 2x4 SP_#3__12A::Rt Wedge 2x4 SP_#3__12A:

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

See DWGS A14015ENC100212 & GBLLETIN0212 for more requirements.

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

+ MEMBER TO BE LATERALLY BRACED FOR OUT OF PLANE WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

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.

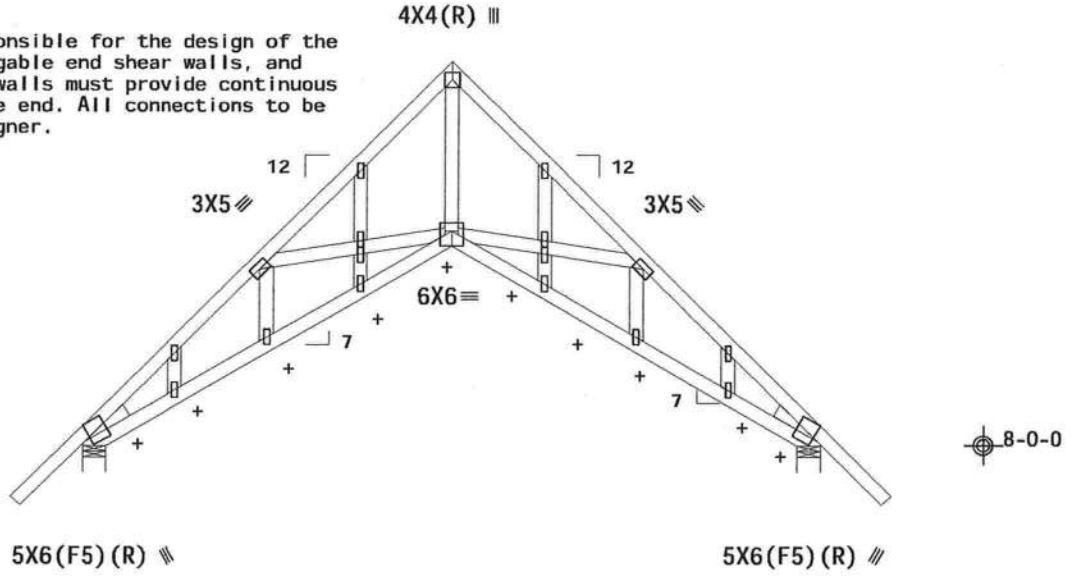
140 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Gable end supports 8" max rake overhang.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=20%(0%)/10(0) 10.03.11.0209 20 QTY:2 FL/-/2/-/-/R/- Scale =.25"/Ft.

WILLIAM H. KRICK LICENSE No 70851 STATE OF FLORIDA PROFESSIONAL ENGINEER 03/04/2013

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

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

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TC LL	20.0 PSF	REF	R2327- 94323
TC DL	7.0 PSF	DATE	03/04/13
BC DL	10.0 PSF	DRW	HCUSR2327 13063008
BC LL	0.0 PSF		HC-ENG DR/AP
TOT.LD.	37.0 PSF	SEQN-	602049
DUR.FAC.	1.25	FROM	JRG
SPACING	24.0"	JREF-	1UU92327Z01

(L0177-84 LUMBER TUCKER WORKSHOP - T1)

Top chord 2x4 SP_#1_12A
Bot chord 2x4 SP_#1_12A
Webs 2x4 SP_#3__12A
:Lt Wedge 2x4 SP_#3__12A::Rt Wedge 2x4 SP_#3__12A:

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

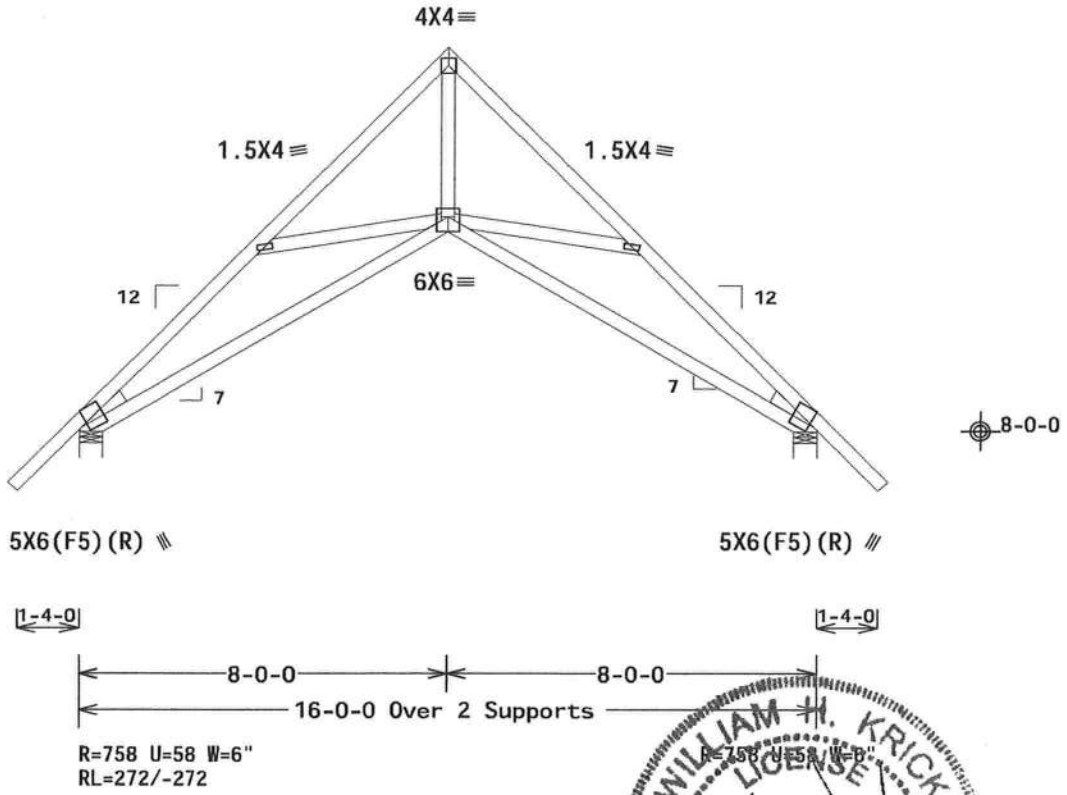
Bottom chord checked for 10.00 psf non-concurrent live load.

140 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=4.2 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave

FT/RT=20%(0%)/10(0)

10.03.11.0209.20

QTY 15

FL/-/2/-/-/R/-

Scale =.25"/Ft.

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

03/04/2013

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

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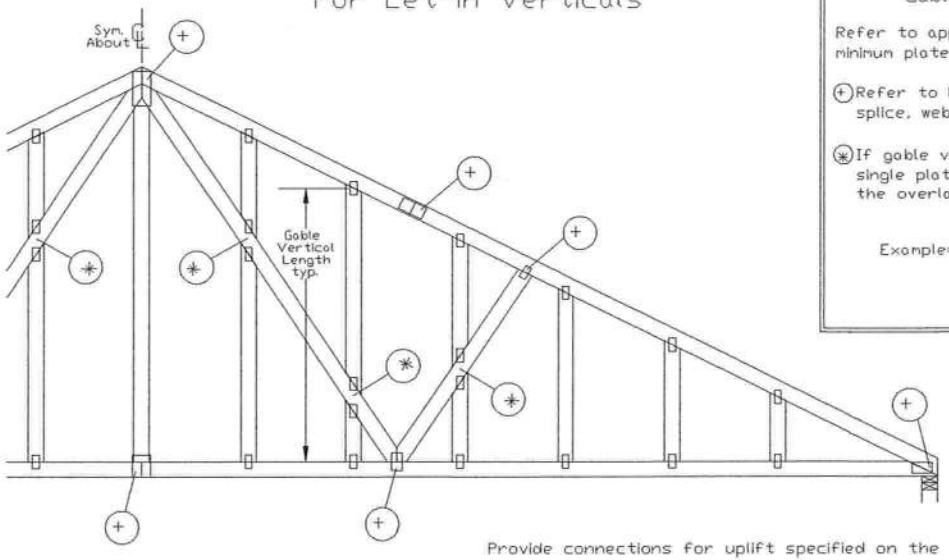
TC LL	20.0 PSF	REF	R2327- 94322
TC DL	7.0 PSF	DATE	03/04/13
BC DL	10.0 PSF	DRW	HCUSR2327 13063007
BC LL	0.0 PSF	HC-ENG	DR/AP
TOT.LD.	37.0 PSF	SEQN-	602041
DUR.FAC.	1.25	FROM	JRG
SPACING	24.0"	JREF-	1UU92327Z01

Gable Detail
For Let-in Verticals



Gable Truss Plate Sizes

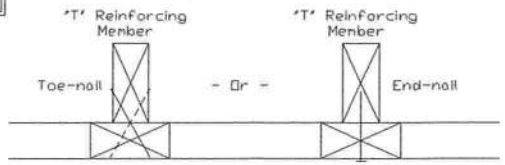
Refer to appropriate ITW gable detail for minimum plate sizes for vertical studs.

⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

✳ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.

Example: 2X4 / 2X4 — 2X8

'T' Reinforcement Attachment Detail

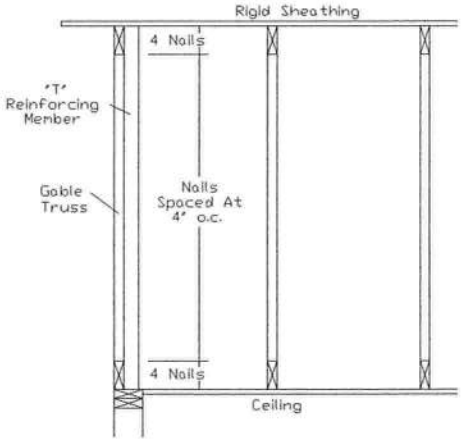


Provide connections for uplift specified on the engineered truss design.

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 the top and bottom chords.

Toenailed Nails:
10d Common (0.148"x3",min) Toenails at 4" o.c. plus
(4) toenails in the top and bottom chords.



This detail to be used with the appropriate ITW gable detail for ASCE wind load.

ASCE 7-98 Gable Detail Drawings
A13015980109, A12015980109, A11015980109, A10015980109,
A13030980109, A12030980109, A11030980109, A10030980109

ASCE 7-02 Gable Detail Drawings
A13015020109, A12015020109, A11015020109, A10015020109, A14015020109,
A13030020109, A12030020109, A11030020109, A10030020109, A14030020109

ASCE 7-05 Gable Detail Drawings
A13015050109, A12015050109, A11015050109, A10015050109, A14015050109,
A13030050109, A12030050109, A11030050109, A10030050109, A14030050109

ASCE 7-10 Gable Detail Drawings
A11515ENC100212, A12015ENC100212, A14015ENC100212, A16015ENC100212,
A18015ENC100212, A20015ENC100212, A20015PED100212, A18030PED100212,
A11530ENC100212, A12030ENC100212, A14030ENC100212, A16030ENC100212,
A18030ENC100212, A20030ENC100212, A20030PED100212, A20030PED100212

See appropriate ITW gable detail for maximum unreinforced vertical length.

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.

'T' reinforcing member material must match size, specie, and grade of the 'L' reinforcing member.

Web Length Increase w/ "T" Brace

'T' Reinf. Mbr. Size	'T' Increase
2x4	30 %
2x6	20 %

Example:
ASCE 7-10 Wind Speed = 120 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) = 30% = 1.30
(1) 2x4 'L' Brace Length = 8' 7"
Maximum 'T' Reinforced Gable Vertical Length
1.30 x 8' 7" = 11' 2"

WILLIAM H. KRICK LICENSE No. 70864 STATE OF FLORIDA PROFESSIONAL ENGINEER
03/04/2013

Mar 04 '13

ITW Building Components Group Inc.

Earth City, MO 63045

WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

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

REF	LET-IN VERT
DATE	2/16/12
DRWG	GBLLETIN0212

Bearing Information

JOB #: L0177
Date: 03/06/2013

DULEY TRUSS
P.O. Box 340
Dunnellon, FL 34430
(352) 465-0964

Delivery Date:

JOB LOCATION:
TUCKER WORKSHOP

Builder: 84 LUMBER
Salesman: SAMPLE SALESMAN

Qty: (15) Span: 16' Desc.: T1

Brg.#1Info:	Type=BCBRG	Size=	0.50	Reaction=	757.65	Uplift=	58.00
Brg.#2Info:	Type=	Size=	0.50	Reaction=	757.65	Uplift=	58.00

Qty: (2) Span: 16' Desc.: T2

Brg.#1Info:	Type=BCBRG	Size=	0.50	Reaction=	804.86	Uplift=	58.00
Brg.#2Info:	Type=	Size=	0.50	Reaction=	804.86	Uplift=	58.00

Qty: (10) Span: 16-0 Desc.: 11-7/8 LPI20

Brg.# Info:	Type=	Size=		Reaction=		Uplift=	

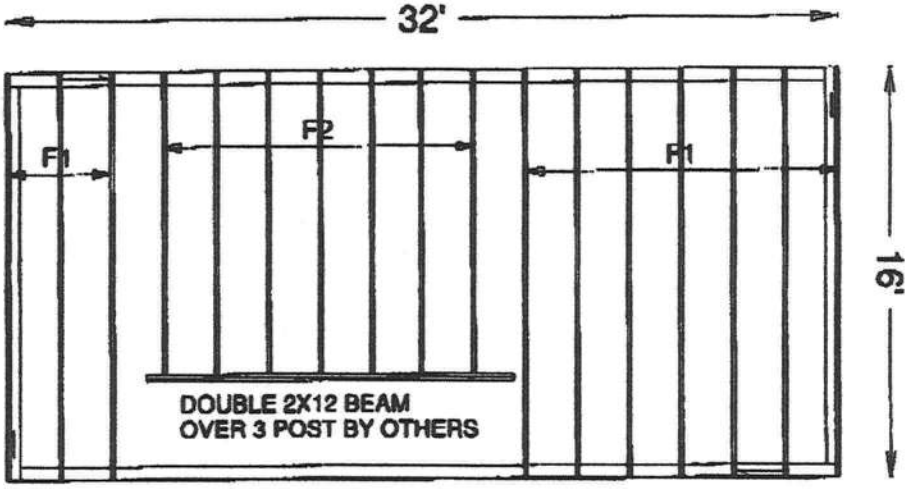
Qty: (7) Span: 12-0 Desc.: 11-7/8 LPI20

Brg.# Info:	Type=	Size=		Reaction=		Uplift=	

Qty: (7) Span: Desc.: THA413

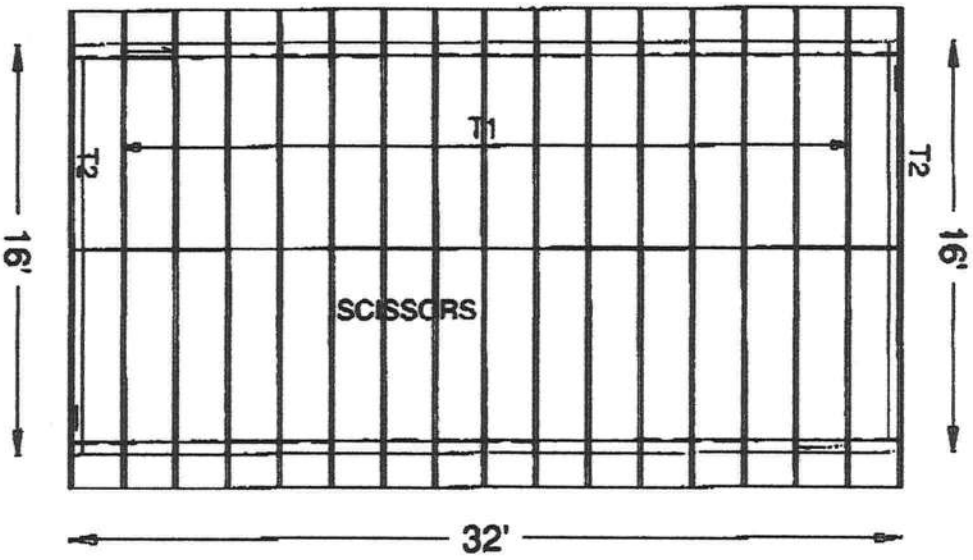
Brg.# Info:	Type=	Size=		Reaction=		Uplift=	

DULEY TRUSS INC.
84 LUMBER
TUCKER WORKSHOP
12/12 SLOPE 1-4 O/H
2/22/13 JRG
L0177



WAVE TRUSS PLATE
ALPINE ENGINEERED PRODUCTS
APPROVAL # FL1999.3

TRUSS SCHEDULE
F1 16' SPAN LPI20PLUS 11-7/8" DEEP
F2 12" SPAN LPI20PLUS 11-7/8" DEEP
ALL FLOOR SYSTEM 24" O.C.



ALL PORCHES AND BALCONIES
TO BE CONV FRAME BY OTHERS

DESIGNED BY:	JOB DESCRIPTION:	JOB LOCATION:
RICKY GRUBBS	84 LUMBER TUCKER WORKSHOP	

JOB NO: L0177

PAGE NO: 1 OF 1

FLORIDA BUILDING CODE, ENERGY CONSERVATION

FORM 402-2010

Residential Building Thermal Envelope Approach

ALL CLIMATE ZONES

Scope: Compliance with Section 402 of the *Florida Building Code, Energy Conservation*, shall be demonstrated by the use of Form 402 for single-and multiple-family residences of three stories or less in height, additions to existing residential buildings, renovations to existing residential buildings, new heating, cooling, and water heating systems in existing buildings, as applicable. To comply, a building must meet or exceed all of the energy efficiency requirements on Table 402A and all applicable mandatory requirements summarized in Table 402B of this form. If a building does not comply with this method or Alternate Form 402 , it may still comply under Section 405 of the *Florida Building Code, Energy Conservation*.

PROJECT NAME: AND ADDRESS:	Tucker Columbia County	**BUILDER:** Cason	
		PERMITTING OFFICE:	
OWNER:		**PERMIT NO.:**	**JURISDICTION NO.:**

General Instructions:

1. New construction which incorporates any of the following features cannot comply using this method: glass areas in excess of 20 percent of conditioned floor area, electric resistance heat and air handlers located in attics. **Additions ≤ 600 sq.ft., renovations and equipment changeouts may comply by this method with exceptions given.**
2. Fill in all the applicable spaces of the "To Be Installed" column on Table 402A with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
3. Complete page 1 based on the "To Be Installed" column information.
4. Read the requirements of Table 402B and check each box to indicate your intent to comply with all applicable items.
5. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

TABLE 402A

BUILDING COMPONENT	PERFORMANCE CRITERIA[1]	INSTALLED VALUES:	
Windows (see Note 2): Skylights	U-Factor < 0.65 SHGC = 0.30 % of CFA <= 20% U-Factor < 0.75	U-Factor = SHGC = % of CFA =	
Doors: Exterior door U-Factor	U-Factor < 0.65	U-Factor =	
Floors: Slab-on-grade Over unconditioned spaces (see Note 3)	No requirement R-13	R-Value =	
Walls – Ext. and Adj. (see Note 3): Frame Mass (see Note 3) Interior of wall: Exterior of wall:	R-13 R-7.8 R-6	R-Value = R-Value = R-Value =	
Ceilings (see Notes 3 & 4) Reflectance	R=30 0.25	R-Value = Reflectance =	Test report Attached? Yes/No
Air distribution system (see Note 4) Ductwork & air handling unit: Unconditioned space Conditioned space Duct R-value Air leakage Qn	 Not allowed R-value ≥ 6 Qn ≤0.03	 Location: R-Value = Qn =	Test report Attached? Yes/No
Air conditioning systems (see Note 5)	SEER = 13.0	SEER =	
Heating system Heat pump (see Note 5) Cooling: Heating: Gas furnace Oil furnace Electric resistance: Not allowed (see Note 5)	 SEER = 13.0 HSPF = 7.7 AFUE 78% AFUE 78%	 SEER = HSPF = AFUE = AFUE =	
Water heating system (storage type) Electric (see Note 6): Gas fired (see Note 7): Other (describe):	 40 gal: EF = 0.92 50 gal: EF = 0.90 40 gal: EF = 0.59 50 gal: EF = 0.58	 Gallons = EF = Gallons = EF =	

(1) Each component present in the As Proposed home must meet or exceed each of the applicable performance criteria in order to comply with this code using this method; otherwise Section 405 compliance must be used.

(2) Windows and doors qualifying as glazed fenestration areas must comply with both the maximum U-Factor

and the maximum SHGC (solar Heat Gain Coefficient) criteria and have a maximum total window area equal to or less than 20% of the conditioned floor area (CFA); otherwise Section 405 must be used for compliance. Exception: Additions of 600 square feet (56 m^2) or less may have a maximum glass to CFA of 30 percent.

(3) R-values are for insulation material only as applied in accordance with manufacturers' installation instructions. For mass walls, the "interior of wall" requirement must be met except if at least 50% of the R-6 insulation required for the "exterior of wall" is installed exterior of, or integral to, the wall.

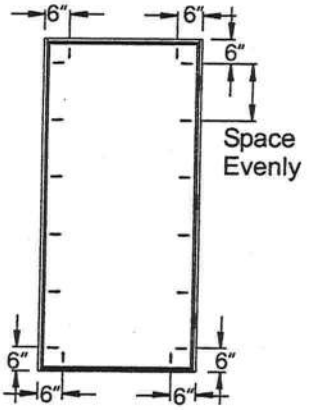
(4) Ducts & AHU installed substantially leak free per Section 403.2.2.1. Test by Class 1 BERS rater required. Exception: Ducts installed onto an existing air distribution system as part of an addition or renovation; duct must be R-6 installed per Sec. 503.2.7.2.

(5) For all conventional units with capacities greater than 30,000 Btu/hr. For other types of equipment, see Tables 503.2.3(1-8).
Exception: The prohibition on electric resistance heat does not apply to additions, renovations and new heating systems installed in existing buildings.

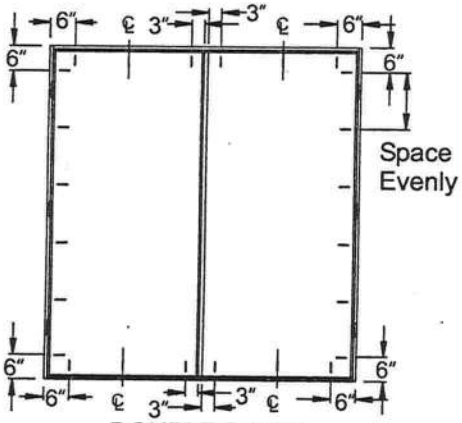
(6) For other electric storage volumes, minimum EF = 0.97-(0.00132 × volume).

(7) For other natural gas storage volumes, minimum EF = 0.67-(0.0019 × volume).

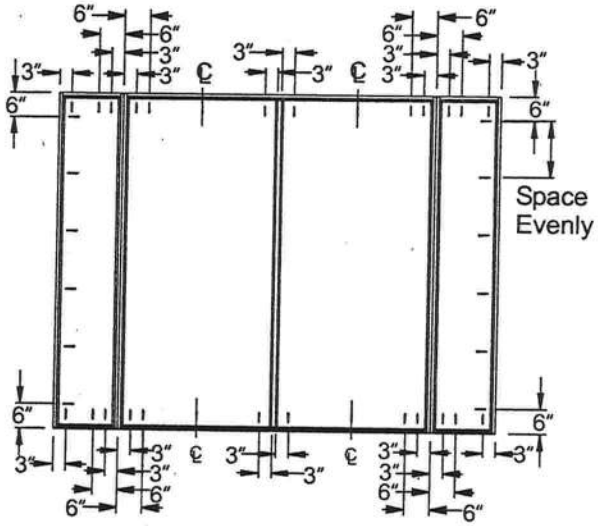
TABLE 402B MANDATORY REQUIREMENTS			
COMPONENTS	**SECTION**	**REQUIREMENTS**	**CHECK**
Air leakage	402.4	To be caulked, gasketed, weatherstripped or otherwise sealed. Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces: gasketed doors & outdoor combustion air.	
Ceilings/knee walls	405.2.1	R-19 space permitting.	
Programmable thermostat	403.1.1	Where forced-air furnace is primary system, programmable thermostat is required.	
Air distribution system	403.2	Ducts in attics or on roofs insulated to R-8; other ducts R-6. Ducts tested to Q_n = 0.03 by a Class 1 BERS rater.	
Water heaters	403.4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2 . Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	
Swimming pool & spas	403.9	Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency = 78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	
Cooling/heating equipment	403.6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat >10kW must be divided into two or more stages	
Lighting equipment	404.1	At least 50% of permanently installed lighting fixtures shall be high-efficacy lamps.	



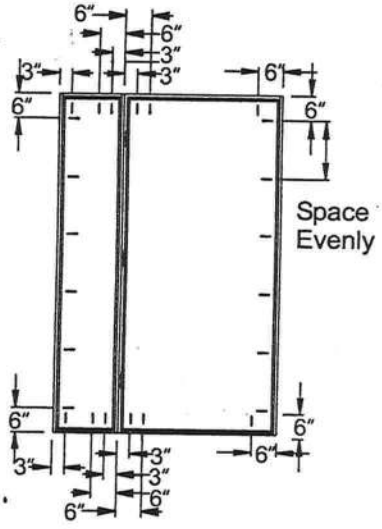
SINGLE DOOR



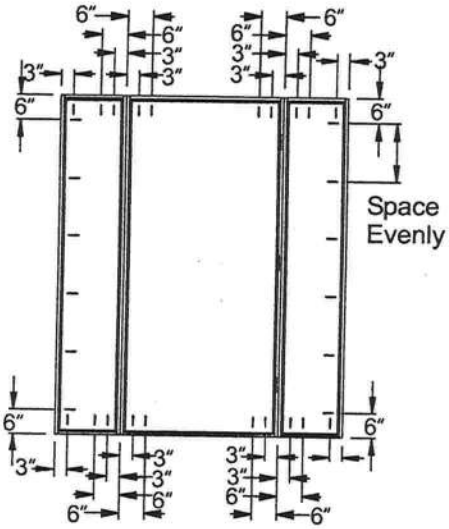
DOUBLE DOOR



DOUBLE DOOR W/SIDELITES



SINGLE DOOR W/SIDELITE



SINGLE DOOR W/SIDELITES

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. You shall also provide manufacturer's installation requirements.

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Therma-Tru	Steel Door	FL 1170-R1
B. SLIDING	n/a		
C. SECTIONAL	General American Door	16'x7' Raised Panel Steel Door	FL 4090
D. ROLL UP	n/a		
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	MI windows & doors	Single hung windows	FL 5447
B. HORIZONTAL SLIDER	n/a		
C. CASEMENT			
D. DOUBLE HUNG			
E. FIXED			
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	James Hardie	Fiber cement siding	FL889.R1
B. SOFFITS	Gardian Bldg Prod.	Aluminum Soffit	FL 4968
C. EIFS	n/a		
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Tamko	Laminated Asphalt Shingles	FL1956.3
B. UNDERLAYMENTS	Tamko	30# Felt	FL1744.R1
C. ROOFING FASTENERS	n/a		
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT-UP ROOFING ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF SYSTEMS			
L. ROOFING SLATE			

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
M. CEMENTS-ADHESIVES COATINGS	n/a		
N. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS	n/a		
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS	n/a		
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	See engineer's specifications on plan		
B. TRUSS PLATES	See truss package		
C. ENGINEERED LUMBER	See engineer's specifications on plan		
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS	n/a		
A.			
B.			

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 manufacturer's installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE DATE

WINDOWS

ATTACHMENTS

TYPE	MANUFACTURER	SERIES	SIZE	JAMB TYPE / SPACING	HEADER TYPE / SPACING	SILLS TYPE / SPACING	MULLIONS
SH	Capital	165	2030 to 4070	#8 X 1 1/2 3" from end-no more than 24" oc- 5 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 3 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 3 screws	
PW	Capital	165	6020	#8 X 1 1/2 3" from end-no more than 24" oc- 2 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	
SH Twin	Capital	165	3060 twin	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	#8 X 1 1/2 3" from end-no more than 24" oc per 3060 - 3 screws	#8 X 1 1/2 3" from end-no more than 24" oc per 3060 - 3 screws	Structured mull 4-#10 X 1 1/2 4 - #8 X 1 1/2
PW	Capital	165	6020	#8 X 1 1/2 3" from end-no more than 24" oc- 2 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	
PW	Capital	165	4060	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 3 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 3 screws	
SH Twin	Capital	165	3050 twin	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	#8 X 1 1/2 3" from end-no more than 24" oc- 4 screws	Inventory Mull
HS	Capital	168	2020 to 9050	#8 X 1 1/4 3" from end no more than 24" oc	#8 X 1 1/4 3" from end no more than 24" oc	#8 X 1 1/4 3" from end no more than 24" oc	

ALL WINDOWS ARE TO HAVE NAIL FIN IMBEDDED WITH SILICONE CAULK.

WINDOWS

ATTACHEMENTS

TYPE	MANUFACTURER	SERIES	SIZE	JAMB TYPE/SPACING	HEADER TYPE/SPACING	SILLS TYPE/SPACING	MULLIONS
Single Hung Aluminum	Capitol Windows	650	1'x 6'91/2", 2'x3', 2'x4', 3'x3', 3'x5', 3'x6',3'x7',4'x1', 4'x2', 4'x4', 4'x6', 5'x1'4",6'x4',6'x5' , 6'x6', 7'6"x6'	#8 by 1 1/2" exterior screw, every 18", 3" from each corner	#8 by 1 1/2" exterior screw, every 18", 3" from each corner	#8 by 1 1/2" exterior screw, every 18", 3" from each corner	3" from every end & 18" on center use #8 x 1 1/2 sheet metal screw

DOORS

ATTACHEMENTS OF FRAME

TYPE	MANUFACTURER	SERIES	SIZE	JAMB	HEADER	SILLS
Inswing Doors, Outswing Doors, Doors with sidelights,Double Doors, & Patio Doors	Thermatru	Profile	3'0" x 6'8", 5'0" x 6'8"	6 per vertical framing member	2 per horizontal raming member	2 per horizontal raming member

AREA AND FLOW ANALYSIS OF SOFFIT PANEL RECEIVED FROM ASHLEY ALUMINUM

Lomanco

Arcanda, Inc.
ost Office Box 819
101 West Main Street
achsonville, Arkansas 72076
(1) 882-6311
-800-643-6606
ax Number
(501) 882-1958

NET FREE AREA

$3[(6)(9)+(5)(10)](0.0044\ in.^2)(2) = 2.75\ in.^2$ free area / square foot

CFM DELIVERY

PRESSURE DROP	SOFFIT PANEL CFM FLOW	LOMANCO C 818 CFM FLOW
1.0 in. H_2O	46.6	708.2
0.8 in. H_2O	41.1	633.2
0.6 in. H_2O	35.1	544.2
0.4 in. H_2O	*	442.8
0.2 in. H_2O	*	310.5

* - Too Low To Test In Tunnel

CONCLUSION

6.55 Square Feet of Soffit Panel would be required for each linear foot of Ridge Vent.

AUGUST 1993

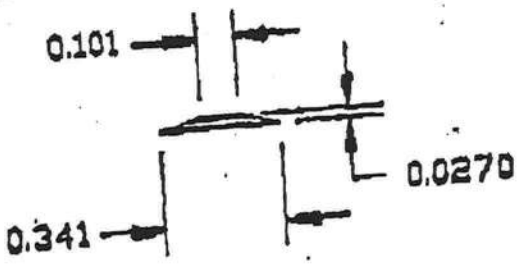
NET FREE AREA OF 2nd SOFFIT PANEL RECEIVED FROM ASHLEY ALUMINUM

Lomanco

Lomanco Inc.
Post Office Box 519
2101 West Main Street
Jacksonville, Arkansas 72076
(501) 982-8511

NET FREE AREA OF LANCED PORTIONS

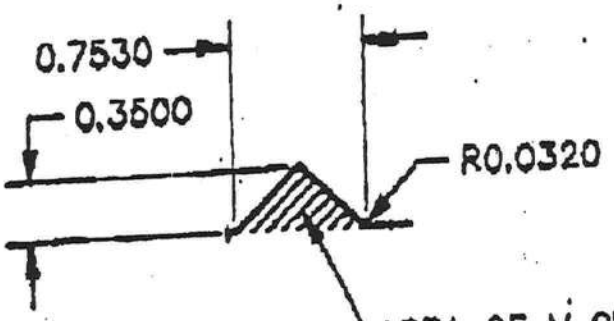
$3((6)(9)+(5)(10))(0.0066\ in.^2)(2) = 4.1184\ in.^2$ free area per square foot



AREA OF LANCE IS
0.0066 INCHES N. F. A.

NET FREE AREA OF V GROOVES

$4(0.1318\ in.^2) = 0.5272\ in.^2$ per panel.



AREA OF V GROOVE IS
.1318 INCHES N. F. A.

NET FREE AREA OF LANCES AND GROOVES

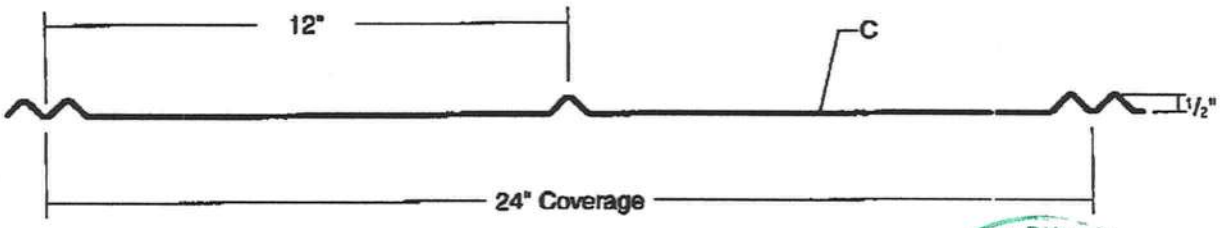
$4.1184\ in.^2 + 0.5272\ in.^2 = 4.6456\ in.^2$ per square foot of panel.

SEPTEMBER 1993

PRODUCT APPROVAL #FL1115

5V-CRIMP PANEL OVERVIEW

PANEL PROFILE



SLOPE

The minimum recommended slope for any 5V-Crimp roofing panel is 3:12.

SUBSTRATE

The recommended substrate is ¾" plywood with a 30 pound felt moisture barrier. To avoid panel distortion, use a properly aligned and uniform substructure. **Please note that 5V-Crimp panels are not recommended for use over open framing.**

COVERAGE

5V-Crimp is available in 24" width with a ½" rib heigth.

LENGTH

Lengths under 5'-0" are avaliable with some cutting restrictions. Maximum recommended panel length is 45'-0". Longer panels require additional consideration in packaging, shipping, and erection. Please consult your Metal Sales branch for recommendations (see PGI-2 and 3 for locations).

AVAILABILITY

26 Gauge

APPLICATION

Architectural and Residential panel.

PERFORMANCE TEST

UL 580, UL 790, UL 263, UL 2218, Miami-Dade County

FASTENING SYSTEM

Direct fastened (exposed).

FASTENERS

The fastener selection guide should be consulted for choosing proper fasteners for specific applications. Quantity and type of fastener must meet necessary loading and code requirements (see PGI-12-14).

MATERIALS

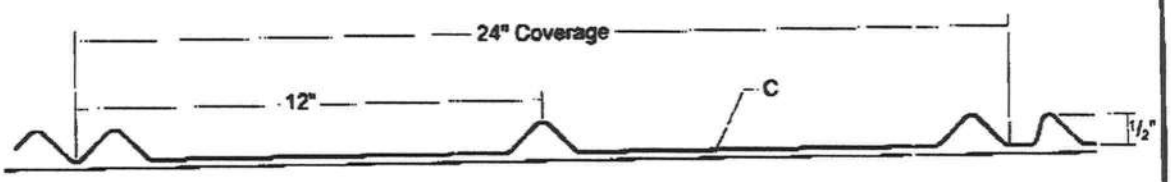
Steel grade 50, per ASTM A-792

FINISH

- "Acrylic Coated Galvalume® (ACG) / ASTM A-792 - AZ55
- Prepainted Galvalume / ASTM A-792 - AZ50
- "Fluorocarbon (PVDF)

5V-CRIMP

CONDENSED TECHNICAL REFERENCE



ARCHITECTURAL RESIDENTIAL PANEL

DIRECT FASTEN

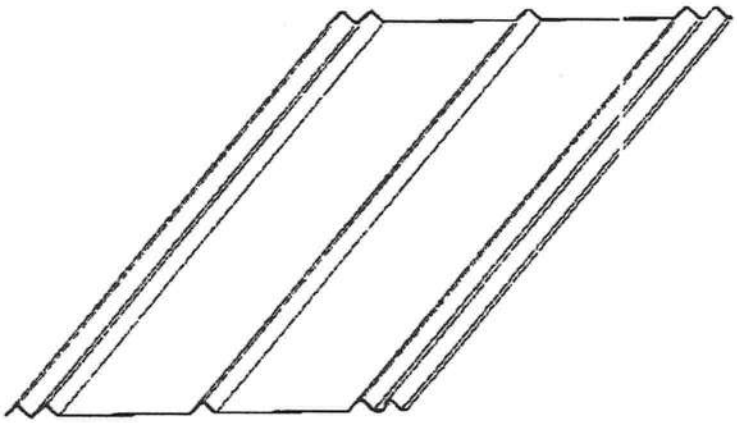
24" COVERAGE

MINIMUM SLOPE 3:12

SOLID WOOD SUBSTRATE

PANEL OVERVIEW

- Finishes: MS Colorfast45® and Acrylic Coated Galvalume®
- Gauges: 26ga standard, 24ga optional
- 24" panel coverage, 1/2" rib height
- Exposed fastened panel, traditional "V" rib
- Applies over plywood substrate with 30 pound felt underlayment
- 3:12 slope minimum



TESTING

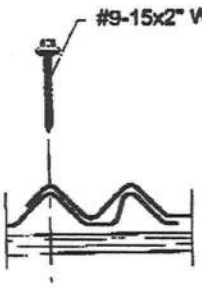
- UL 2218, Class 4 Impact Rating
- UL 790, Class A Fire Resistance Rating
- Florida Building Code Approved 9107.1, 8131.1, 10916.2
- Miami-Dade County Approved 08-0229.13
- UL 580, Class 90 Wind Uplift Construction #579 over 1/2" Plywood
- UL 580, Class 90 Wind Uplift Construction #453 over 5/8" Plywood
- Texas Windstorm Evaluation R-160

metal sales manufacturing corporation

5V-CRIMP

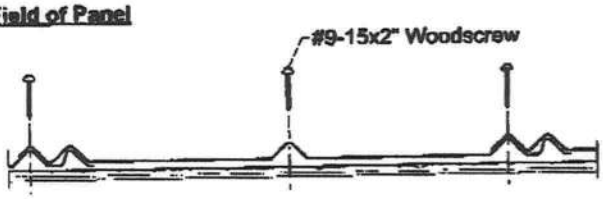
CONDENSED TECHNICAL REFERENCE

ATTACHMENT DETAIL

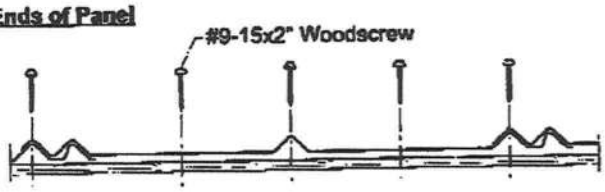


FASTENING PATTERNS

Field of Panel



Ends of Panel



*Contact Metal Sales Technical Services for Miami-Dade County attachment requirements.

GENERAL INFORMATION

▶ Slope
The minimum recommended slope for 5V-Crimp roofing panel is 3:12.

▶ Substructure
The recommended substrate is ⅝" plywood with a 30 pound felt moisture barrier. To avoid panel distortion use a properly aligned and uniform substructure.
NOTE: 5V-Crimp roof panels are not recommended for use over open structural framing.

▶ Coverage
5V-Crimp panels are available in a ½" rib height with a coverage width of 24".

▶ Length
Minimum factory cut length is 5'-0". Maximum recommended panel length is 45'-0". Longer panels require additional consideration in packaging, shipping, and erection. Please consult Metal Sales for recommendations.

▶ Fasteners
The fastener selection guide should be consulted for choosing the proper fastener for specific applications. Quantity and type of fastener must meet necessary loading and code requirements.
NOTE: All panels are subject to surface distortion due to improperly applied fasteners. Overdriven fasteners will cause stress and induce oil canning across the face of the panel at or near the point of attachment.

▶ Availability
Finishes: Acrylic Coated Galvalume® and MS Color-fast45®
Gauges: 26ga and 24ga

SECTION PROPERTIES

Ga.	Width (in.)	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression	
				Ixx in⁴/ft	Sxx in³/ft	Ixx in⁴/ft	Sxx in³/ft
26	24"	60	0.77	0.0025	0.0069	0.0015	0.0064
24	24"	50	1.02	0.0030	0.0089	0.0020	0.0073

ALLOWABLE UNIFORM LOADS PSF (3 or More Equal Spans)

Ga.	Outward Uplift Load					
	0'-6"	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"
26	101	89	60	34	22	15
24	101	89	60	34	22	15

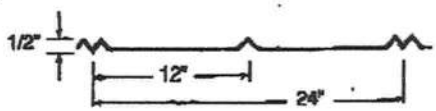
1. Theoretical section properties have been calculated per AISI 2001, "Specifications for the Design of Cold-formed Steel Structural Members." Ixx and Sxx are effective section properties for deflection and bending.
2. Allowable load is calculated in accordance with AISI 2001 specifications considering bending, shear, combined bending and shear and deflection. Allowable load considers both 3 or more equal span conditions. Allowable load does not address web crippling or fasteners/support connection. Panel weight is not considered.
3. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.
4. Allowable loads do not include a 1/3 stress increase in uplift.

metal sales manufacturing corporation

Kent, WA (800) 431-3470
Temple, TX (800) 543-4415
Longmont, CO (800) 289-7663
Antioch, TN (800) 251-8506
Woodland, CA (800) 759-6019
Rogers, MN (800) 328-9316
Spokane, WA (800) 572-6565

Jefferson, OH (800) 321-5833
Rock Island, IL (800) 747-1206
Sellersburg, IN (800) 998-7777
Jacksonville, FL (800) 394-4419
Orwigsburg, PA (800) 544-2577
Independence, MO (800) 747-0012
Fontana, CA (800) 782-7953

Anchorage, AK (866) 640-7663
Bay City, MI (866) 777-7640
Detroit Lakes, MN (888) 594-1394
Mocksville, NC (800) 228-6119



- Exposed fastened panel, traditional "V" rib
- 24" panel coverage
- 1/2" rib height
- Gauges: 29 ga and 26 ga
- Minimum roof slope: 3:12
- Applies over solid substrate with a 30# felt underlayment
- Up to a 45-year paint warranty
- Up to a 10-year edge corrosion warranty available
- Finishes: MS Colorfast45® Acrylic Coated Galvalume®, and Galvanized

Testing:
- *Texas Windstorm Evaluation RC-160*
- *UL 790, Class A Fire Resistance Rating*
- *UL 2218, Class 4 Impact Resistance*
- *Miami-Dade County Approved (NOA.09-0105.09)*
- *UL 580, Class 90 Wind Uplift, Construction 4453, 579*
- *2007 FBC Approved*
  - *1/2" Plywood 813L1*
  - *5/8" Plywood 10916.2 T2076.1 9107.1*

General Information

Slope: The minimum recommended slope for 5V-Crimp roofing panel is 3:12.

Substructure: The recommended substrate is 5/8" plywood with a 30# felt moisture barrier. To avoid panel distortion, use a properly aligned and uniform substructure. *Note: 5V-Crimp roof panels are not recommended for use over open framing.*

Coverage: 5V-Crimp panels are available in a 1" rib height with a coverage width of 24".

Length: Minimum factory cut length is 5'-0". Maximum recommended panel length is 45'-0". Longer panels require additional considerations in packaging, shipping, and erection. Please consult Metal Sales for recommendations.

Fasteners: The fastener selection guide should be consulted for choosing the proper fastener for specific applications. Quantity and type of fastener must meet necessary loading and code requirements.

Note: all panels are subject to surface distortion due to improperly applied fasteners. Overdriven fasteners will cause stress and induce oil canning across the face of the panel at or near the point of attachment.

Availability: 29ga and 26ga in Acrylic Coated Galvalume® and MS Colorfast45®

For all specific warranty, application, installation, and technical information regarding these products, contact your Inpres rep.

www.metalsales.us.com

Fastening Pattern

Screw Fastener Recommendation

Columbia County Property Appraiser

CAMA updated: 2/1/2013

2012 Tax Year

Tax Collector | Tax Estimato | Property Card | Parcel List Generator | Interactive GIS Map | Print

Parcel: 36-7S-16-04351-104

<< Next Lower Parcel | Next Higher Parcel >>

Search Result: 1 of 2 Next >>

Owner & Property Info

Owner's Name	LEWIS MARY S & HELEN R		
Mailing Address	TUCKER-KINNEY & TIMOTHY KINNEY (JTWRS) 196 SW MARINE GLEN FT WHITE, FL 32038		
Site Address	196 SW MARINE GLN		
Use Desc. (code)	SINGLE FAM (000100)		
Tax District	3 (County)	**Neighborhood**	36716
Land Area	8.500 ACRES	**Market Area**	02
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		

COMM NW COR OF NW1/4, RUN S 1831.04 FT FOR POB, RUN E 1310.15 FT, S 366.08 FT, W 1310.05 FT, N 366.08 FT TO POB EX 2.50 AC QC 1077-006. (AKA PART LOT 4) ORB 794-792, WD 1035-2354, WD 1035-2357, QC 1223-1819, QC 1226-500,

Property & Assessment Values

2012 Certified Values		
Mkt Land Value	cnt: (0)	$30,397.00
Ag Land Value	cnt: (1)	$0.00
Building Value	cnt: (1)	$90,113.00
XFOB Value	cnt: (2)	$2,400.00
Total Appraised Value		$122,910.00
Just Value		$122,910.00
Class Value		$0.00
Assessed Value		$122,910.00
Exempt Value	(code: HX H3 SX)	$75,000.00
Total Taxable Value		Cnty: $47,910 Other: $72,910 | Schl: $97,910

2013 Working Values

NOTE:

2013 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Show Working Values

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
11/7/2011	1226/500	QC	I	U	11	$100.00
9/16/2011	1223/1819	QC	I	U	11	$100.00
12/28/2004	1035/2357	WD	V	Q		$66,100.00
8/10/1994	794/792	WD	V	Q		$22,200.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2008	(32)	1312	1696	$89,184.00
	Note: All S.F. calculations are based on exterior building dimensions.					

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0180	FPLC 1STRY	2010	$2,000.00	0000001.000	0 x 0 x 0	(000.00)
0294	SHED WOOD/	2010	$400.00	0000001.000	0 x 0 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	8.5 AC	1.00/1.00/0.85/1.00	$3,576.12	$30,397.00

Columbia County Property Appraiser CAMA updated: 2/1/2013

1 of 2 Next >>

DISCLAIMER

PREPARED BY FOR RETURN TO:
GREGORY J. GORE, ESQUIRE
P.O. BOX 780384
SEBASTIAN, FL 32958-0384
Property Appraiser's Parcel Identification (Folio) Number(s):

Inst:201112019011 Date:12/12/2011 Time:12:04 PM
Doc Stamp-Deed:0.00
DC,P.DeWitt Cason,Columbia County Page 1 of 3 B:1226 P:500

QUIT-CLAIM DEED

THIS QUIT-CLAIM DEED executed this 7 day of November, 2011 by MARY S. LEWIS, an unremarried widow HELEN R. TUCKER-KINNEY, parties of the first part, to, MARY S. LEWIS, an unremarried widow and HELEN R. TUCKER-KINNEY and TIMOTHY W. KINNEY, her husband, joint tenants with rights of survivorship, parties of the second part, whose post office address is 927 NE 7th Ave., Gainesville, FL 32601.

Whereby the party of the first part, for and in consideration of the sum of $10.00 in hand paid by the party of the second part, together with other good and valuable consideration, the receipt of which is hereby acknowledged, do hereby remise, release and quit-claim unto the party of the second part all right, title, interest, claim and demand therein which the party of the first part have in the following described real estate in the County of Columbia, in the State of Florida, to wit:

See attached legal

Subject to all valid restrictions, reservations, easements, zoning and other matters of record.

This deed was prepared without a review of survey or examination of the title to the above described property and no opinions or representations are being made either expressly or impliedly by Gregory J. Gore, Esquire, or Gregory J. Gore, P.A., and the parties agree to hold same harmless therefrom.

TO HAVE AND TO HOLD, the same together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all the estate, right, title, interest, lien, equity and claim whatsoever of the said parties of the first part, either in law or equity, to the only proper use, benefit and behoof of the said parties of the second part forever.

IN WITNESS WHEREOF, the said parties of the first part has hereunto set their hands and seals this 7 day of November, 2011.

Carol L. Payne
WITNESS SIGNATURE

Carol L. Payne
WITNESS PRINTED

WITNESS SIGNATURE

Heather Franck
WITNESS PRINTED

Mary S Lewis
MARY S. LEWIS
196 SW Marine Glen
Ft. White, FL 32038

Helen R. Tucker - Kinney
HELEN R. TUCKER-KINNEY
927 ne 7TH Ave.
Gainesville, FL 32601

STATE OF FLORIDA
COUNTY OF Alachua

I HEREBY CERTIFY that on this day personally appeared before me, and officer duly authorized to administer oaths and take

acknowledgments, MARY S. LEWIS and HEKEN R. TUCKER-KINNEY, to me personally known or having produced identification to be the individuals described in and who executed the foregoing deed and they acknowledged before me that they executed the same freely and voluntarily for the purposes therein expressed.

WITNESS my hand and official seal, in the State and County aforementioned, this 7 day of November, 2011.

Notary Signature
My Commission expires:

HEATHER FRANCK
Notary Public - State of Florida
My Comm. Expires Apr 13, 2014
Commission # DD 981718
Bonded Through National Notary Assn.

PTC0000181

Exhibit "A"

A PART OF THE NORTHWEST 1/4 OF SECTION 36, TOWNSHIP 7 SOUTH, RANGE 16 EAST, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHWEST CORNER OF SAID NORTHWEST 1/4 AND RUN SOUTH 01 DEG. 06 MIN. 32 SEC. EAST, ALONG THE WEST LINE THEREOF, 1831.04 FEET FOR A POINT OF BEGINNING; THENCE NORTH 88 DEG. 54 MIN. 35 SEC. EAST, 1310.15 FEET; THENCE SOUTH 01 DEG. 05 MIN. 56 SEC. EAST, 366.08 FEET; THENCE SOUTH 88 DEG. 54 MIN. 35 SEC. WEST, 1310.05 FEET TO A POINT ON THE WEST LINE OF SAID NORTHWEST 1/4; THENCE NORTH 01 DG. 06 MIN. 32 SEC. WEST, 366.08 FEET TO THE POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

TOGETHER WITH AN EASEMENT FOR INGRESS, EGRESS AND PUBLIC UTILITIES; TOGETHER WITH RIGHT OF INGRESS AND EGRESS OVER AND ACROSS A 60 FOOT STRIP OF LAND LYING ADJACENT TO AND EAST OF THE FOLLOWING DESCRIBED LINE; COMMENCE AT THE NORTHWEST CORNER OF SECTION 36, TOWNSHIP 7 SOUTH, RANGE 16 EAST AND RUN SOUTH 01 DEG. 06 MIN. 32 SEC. EAST, ALONG THE WEST LINE THEREOF, 1268.76 FEET FOR A POINT OF BEGINNING; THENCE CONTINUE SOUTH 01 DEG. 06 MIN. 32 SEC. EAST, 592.27 FEET TO THE POINT OF TERMINATION OF SAID EASEMENT AT THE NORTHWEST CORNER OF THE HEREIN CONVEYED LOT 4.

LESS AND EXCEPT EXISTING ROAD RIGHT OF WAY IN THE NORTHWEST CORNER OF SAID 60 FOOT EASEMENT

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1303-43 CONTRACTOR CASEN BUILDERS PHONE 352.283.3592

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL 1351	Print Name Tom Eisenhart License #: EC13001125	Signature Phone #: 352-215-9550
MECHANICAL/ A/C	Print Name License #: N/A	Signature Phone #:
PLUMBING/ GAS	Print Name " License #:	Signature Phone #:
ROOFING	Print Name " License #:	Signature Phone #:
SHEET METAL	Print Name License #: N/A	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name License#: N/A	Signature Phone #:
SOLAR	Print Name License #: N/A	Signature Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	—	—	
CONCRETE FINISHER 383	CRC060151	WM. BILL CASON	
FRAMING 383	"	"	
INSULATION 383	"	"	
STUCCO	—	—	
DRYWALL	—	—	
PLASTER 383	CRC060151	"	"
CABINET INSTALLER	—	—	—
PAINTING 383	"	"	
ACOUSTICAL CEILING	—	—	—
GLASS	—	—	—
CERAMIC TILE	C —	—	—
FLOOR COVERING	—	—	—
ALUM/VINYL SIDING	—		
GARAGE DOOR 383	CRC060151	"	"
METAL BLDG ERECTOR	—	—	—

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2010 EFFECTIVE 15 MARCH 2012 AND THE NATIONAL ELECTRICAL 2008 EFFECTIVE 1 OCTOBER 2009

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2010 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 15 MARCH 2012. NATIONAL ELECTRICAL CODE 2008 EFFECTIVE 1 OCTOBER 2009. 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 FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES

	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:			✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void					
3	Condition space (Sq. Ft.) 768		Total (Sq. Ft.) under roof 996	IIIIIIII	IIIIIIII	IIIII

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

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details are required.

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

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade	✓		
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.			✓
25	Safety glazing of glass where needed			✓
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)			✓
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	✓		✓
28	Identify accessibility of bathroom (see FBCR SECTION 320)			✓

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.	✓		
30	All posts and/or column footing including size and reinforcing			✓
31	Any special support required by soil analysis such as piling.			✓
32	Assumed load-bearing valve of soil_____ Pound Per Square Foot			
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) **For** structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	✓		

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	✓		
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	✓		

FBCR 318: 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**	✓		

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			✓
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			✓

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

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

49	Show Draftstopping, Fire caulking and Fire blocking	✓		✓
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6		✓	
51	Provide live and dead load rating of floor framing systems (psf).		✓	

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to 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	✓		
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per IRC Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.6.1 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	✓		
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

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

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 chapter11 Residential buildings compliance methods. **Two of the required forms are to be submitted**, *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

	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 shown in bathrooms **Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required**	✓		
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	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	✓		
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by **Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A**	✓		
87	Show the location of smoke detectors & Carbon monoxide detectors	✓		
88	Show 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. **For structures** with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	✓		

90	Appliances and HVAC equipment and disconnects			
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed **Combination arc-fault circuit interrupter,** Protection device.	✓		

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 On-Line Building Permit Application www.ccpermit.com is to be completed, by following the Checklist all supporting documents must be submitted. There is a **$15.00** application fee.	✓		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also requested. www.columbiacountyfla.com	✓		
94	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058			✓
95	**City of Lake City** A permit showing an approved waste water sewer tap 386-752-2031	✓		✓
96	**Toilet facilities shall be provided for all construction sites**	✓		
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.			✓
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			
99	**CERTIFIED FINISHED FLOOR ELEVATIONS** will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.			
100	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00**			
101	**Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.			
102	**911 Address:** An application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125 Ext. 3			

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code 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 applicati 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 a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

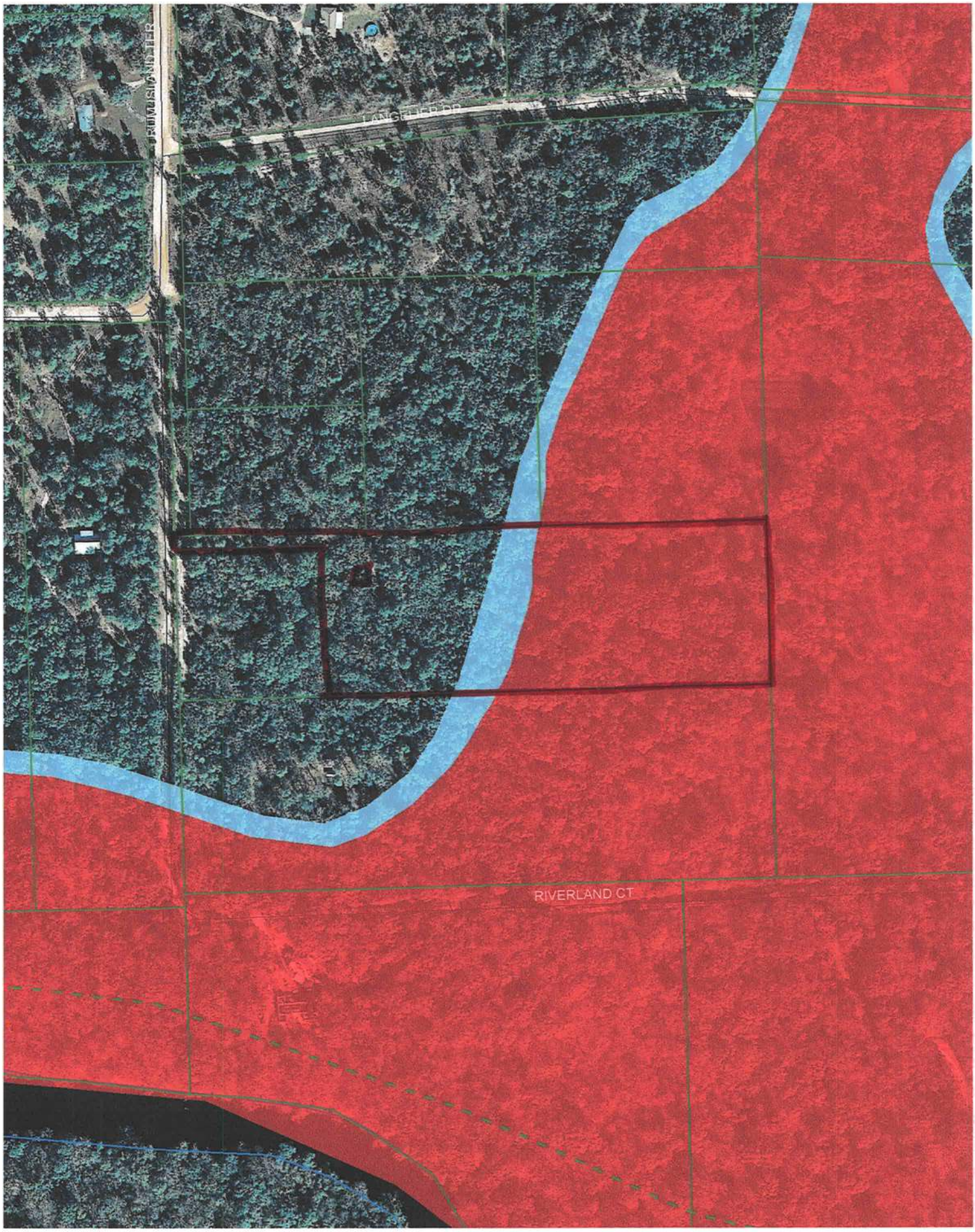
If work has commenced.
Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

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

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

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

When the application is approved for permitting the applicant will be notified by phone as to the status by the Columbia County Building & Zoning Department.



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