DATE 06/20/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025942

APPLICANT LAVONNE COX PHONE 386.755.7200

ADDRESS 456 SE ERMINE AVENUE LAKE CITY FL 32025

OWNER CHARIS JONES PHONE 386.758.2983

ADDRESS 2557 SE FAMILY ROAD LULU FL 32061

CONTRACTOR JAMES R. COX PHONE 386.755.200

LOCATION OF PROPERTY 41-S TO WATERMELON PARK,TL TO PRICE CREEK,TR TO 1/4 MILE TO FAMILY RD,TL GO 4 MILES TO CONSTR. SIGN ON L.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 57600.00

HEATED FLOOR AREA 1152.00 TOTAL AREA 1272.00 HEIGHT 12.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 4'12 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. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 17-5S-18-10587-004 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES

000001402		RR0066502	Lavonne Cox	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
18"X32'MITERED	07-0474-N	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. 1. FOOT ABOVE ROAD. SPECIAL FAMILT LOT PERMIT. TERMITE REPORT REC'D. PROPOSED 2007 I.D. #.

Check # or Cash 10761

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 | 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

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

M/H tie downs, blocking, electricity and plumbing date/app. by | Pool date/app. by

Reconnection date/app. by | Pump pole date/app. by | Utility Pole date/app. by

M/H Pole date/app. by | Travel Trailer date/app. by | Re-roof date/app. by

BUILDING PERMIT FEE $ 290.00 CERTIFICATION FEE $ 6.36 SURCHARGE FEE $ 6.36

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 $ 25.00 **TOTAL FEE** 402.72

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

This Instrument Prepared by & return to:
Name: *Brenda Styons, an employee of TITLE OFFICES, LLC*
Address: *343 NW COLE TERRACE, SUITE 105 LAKE CITY, FLORIDA 32055*
File No. 07Y-05019BBS

Parcel I.D. #: *10587-002*

SPACE ABOVE THIS LINE FOR PROCESSING DATA

Inst:200712012419 Date:6/6/2007 Time:9:43 AM
Doc Stamp-Deed:0.70
DC,P.DeWitt Cason ,Columbia County B:1120 P:229

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED *Made the 5th day of June, A.D. 2007, by*

WILLIAM L. JONES AND CONNIE H. JONES, HIS WIFE , hereinafter called the grantor, to

CHARIS L. JONES, single *whose post office address is*

2515 SE FAMILY RD, LULU, FL 32061, hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: *That the grantor, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee all that certain land situate in* ***Columbia County, State of Florida****, viz:*

COMMENCE AT THE NORTHEAST CORNER OF THE SOUTHEAST ¼ OF THE NORTHWEST ¼ OF SECTION 17, TOWNSHIP 5 SOUTH, RANGE 18 EAST, COLUMBIA COUNTY, FLORIDA AND RUN SOUTH 00°17'34" EAST ALONG THE EAST LINE OF SAID SOUTHEAST ¼ OF THE NORTHWEST ¼ OF SECTION 17 A DISTANCE OF 336.71 FEET TO A POINT ON A CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 8634.37 FEET AND A CENTRAL ANGLE OF 04°09'31"; THENCE WESTERLY ALONG THE ARC OF SAID CURVE, BEING ALSO THE NORTHERLY RIGHT-OF-WAY LINE OF COUNTY ROAD 240, A DISTANCE OF 439.64 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE WESTERLY, ALONG SAID NORTHERLY RIGHT-OF-WAY LINE OF COUNTY ROAD 240, A DISTANCE OF 187.08 FEET; THENCE NORTH 00°23'16" WEST A DISTANCE OF 100.09 FEET; THENCE NORTH 76°44'21" EAST A DISTANCE OF 166.72 FEET; THENCE NORTH 89°36'44" EAST A DISTANCE OF 24.39 FEET; THENCE SOUTH 00°23'16" EAST A DISTANCE OF 129.61 FEET TO THE POINT OF BEGINNING.

The above described property is not the homestead property of the grantor.

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

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

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

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

Signed, sealed and delivered in the presence of:

Witness Signature
MARTHA BRYAN
Printed Name

Witness Signature
Brenda Styons
Printed Name

William L Jones L.S.
WILLIAM L. JONES
Address:

Connie H. Jones L.S.
CONNIE H. JONES
Address:
2515 S.E. Family Rd.
LuLu Fla 32061

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this ***5th*** *day of* ***June, 2007****, by WILLIAM L. JONES AND CONNIE H. JONES, HIS WIFE, who is known to me or who has produced* _____ *as identification.*

_____
Notary Public
My commission expires _____

Martha Bryan
Commission # DD232534
Expires August 10, 2007
Bonded Troy Fain - Insurance, Inc. 800-385-7019

Columbia County Building Permit Application

For Office Use Only Application # 0706-25 Date Received 6/8 By JW Permit # 25942

Application Approved by - Zoning Official BLK Date 21.06.07 Plans Examiner OKJTH Date 6-13-07

Flood Zone X per Survey Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Special Family Lot Permit

☑ NOC ☑ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit LaVonne Cox Fax 386-755-7203

Address 456 SE Ermine Ave. Lake City, Fl. 32025 Phone 386-755-7200

Owners Name Charis Jones Phone 386-758-2983

911 Address 2557 SE Family Road. Lulu, Fl. 32061

Contractors Name James R. Cox Phone 386-755-7200

Address 456 SE Ermine Ave. Lake City, Fl. 32025

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Nick Geisler 386-755-9021

Mortgage Lenders Name & Address USDA/RHS + SHIP

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

Property ID Number 17-8S-18-10587-002A Estimated Cost of Construction 88,000.00

Subdivision Name _____ Lot ____ Block ____ Unit ____ Phase ____

Driving Directions Take 41 South to Watermelon Park. Turn left. Go to Price Creek to Right. Go about ¼ mile turn left on Family Rd. Go about 4 miles See sign on left. (Go to Bridge gone to far)

Type of Construction New Residental Number of Existing Dwellings on Property ____

Total Acreage ____ Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 30' Side 25' Side 114' Rear 46'

Total Building Height 12' Number of Stories One Heated Floor Area 1152 Roof Pitch 4/12

TOTAL 1272

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.

OWNERS AFFIDAVIT: 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.

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

James R. Cox
Owner Builder or Authorized Person by Notarized Letter

James R. Cox
Contractor Signature
Contractors License Number RR 0066502
Competency Card Number 5476

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 5th day of June 2007.

Personally known ✓ or Produced Identification ____

NOTARY STAMP/SEAL

Belinda Laffoon
Notary Signature

BELINDA LAFFOON NOTARY PUBLIC - STATE OF FLORIDA COMMISSION # DD501751 EXPIRES 3/28/2008 BONDED THRU 1-888-NOTARY1

(Revised Sept. 2006)

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001402

DATE 06/20/2007 PARCEL ID # 17-5S-18-10587-004

APPLICANT LAVONNE COX PHONE 386.755.7200

ADDRESS 456 SE ERMINE AVENUE LAKE CITY FL 32025

OWNER CHARIS JONES PHONE 386.758.2983

ADDRESS 2557 SE FAMILY ROAD LULU FL 32061

CONTRACTOR JAMES R. COX PHONE 386.755.7200

LOCATION OF PROPERTY 41-S TO WATERMELON PARK,TL TO PRICE CREEK,TR TO 1 1/4 MILE TO FAMILY ROAD,TL PROCEES APPROX. 4 MILES TO CONSTR SIGN ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT

SIGNATURE Lavonne Cox

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

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

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00

COLUMBIA COUNTY FLORIDA

AFFIDAVIT OF SUBDIVIDED REAL PROPERTY FOR USE OF IMMEDIATE FAMILY MEMBERS FOR PRIMARY RESIDENCE

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME the undersigned Notary Public personally appeared.

William Jones, the Owner of the parent tract which has been subdivided for immediate family primary residence use, hereinafter the Owner, and Charis Jones, the family member of the Owner, who is the owner of the family parcel which is intended for immediate family primary residence use, hereafter the Family Member, and is related to the Owner as daughter, and both individuals being first duly sworn according to law, depose and say:

1. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit.

2. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference to the Columbia county Property Appraiser Tax Parcel No. 17-85-18-10587-002

3. The Owner has divided his parent parcel for use of immediate family members for their primary residence and the parcel divided and the remaining parent parcel are at least ½ acre in size. Immediate family is defined as grandparent, parent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.

4. The Family Member is a member of the Owner's immediate family, as set forth above, and holds fee simple title to certain real property divided from the Owner's parcel situated in Columbia County and more particularly described by reference to the Columbia County Property Appraiser Tax Parcel No. 17-85-18-10587-004

5. No person or entity other than the Owner and Family Member claims or is presently entitled to the right of possession or is in possession of the property, and there are no tenancies, leases or other occupancies that affect the Property.

6. This Affidavit is made for the specific purpose of inducing Columbia County to recognize a family division for a family member on the parcel divided in accordance with Section 14.9 of the Columbia County Land Development Regulations.

7. This Affidavit is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the third degree.

We Hereby Certify that the information contained in this Affidavit are true and correct.

Owner

Family Member

William L Jones
Typed or Printed Name

Charis L. Jones
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 20 day of June, 2007, by William L Jones (Owner) who is personally known to me or has produced _____ as identification.

Notary Public

DAISY MAE JONES
MY COMMISSION # DD 23[illegible]
EXPIRES: October 27, 2[illegible]
1-800-3-NOTARY FL Notary Discount Assoc. Co.

Subscribed and sworn to (or affirmed) before me this 20th day of June, 2007, by CHARIS L. JONES (Family Member) who is personally known to me or has produced _____ as identification.

Notary Public

DAISY MAE JONES
MY COMMISSION # DD 235737
EXPIRES: October 27, 2007
1-800-3-NOTARY FL Notary Discount Assoc. Co.

25942

C&S Construction

To: Randy
Company: Col. Co. Building Department
Fax number: 758 - 2160
Business phone: 758 - 1008
From: LaVonne
Fax number: 755 - 7208
Business phone: 755 - 7200
Date & Time: 6/27/07 2:45 PM
Pages sent: three
Re: Charis Jones Foster

Note:

Randy,

Here is a letter from Cal Tech. We are in the process of getting this finished waiting to get piston done tomorrow. When we get results back we will set up for new foster crop.

Thanks

456 Ermine Avenue
Suite 101
Lake City, FL 32025

June 27, 2005

C & S Construction Company
456 Ermine Avenue, Suite 101
Lake City, Florida 32025

Attention: Mrs. Lavonne Cox

Subject: Site Observation
Residence at 2557 SE Family Road
Lulu, Florida
CTI Project No. 07-00325

Dear Mrs. Cox:

Cal-Tech Testing, Inc. (CTI) engineer visited the subject site to evaluate the presence of clayey soils encountered during the footing excavations for the support of the proposed residential structure. At time of arrival, most footings had been excavated and the majority of reinforcing steel had been placed in the excavations. Our site observation indicated the presence of reddish tan to light gray, clayey soils within the footings bearing elevations. Mainly, the clayey soils were noted in the western portion of the building footprint (approximately 15 feet on either sides of the western ends of the northern and southern footing lines, and the western footing line).

The clayey soils have a moderate to high potential for volume change (shrink/swell). This change in volume is a result of fluctuation in the soils water content. Typically, clayey soils shrink with the decrease in water content and swell with increase in the water content. This change in volume of the supporting soils beneath the foundation may result in structural deformation.

To alleviate adverse effects of volume changes of the supporting soils, we recommend all shallow foundation, footings, slabs-on-grade be supported on a minimum of 3 feet of non-expansive soils. This will require the over excavation of the existing soils from within the building "footprint" in these areas. The overexcavation should be backfilled with well-compacted non-plastic suitable fill. Well compacted fill should be placed in thin loose lifts not exceeding 12 inches in thickness and compacted to a minimum of 95 percent of the modified Proctor maximum dry density (ASTM D 1557).

We appreciate this opportunity of working with you on this project and look forward to serving as your geotechnical and construction materials testing consultant on the remainder of this and future projects. Should you have any questions and or comments concerning this report, please contact our office at 386-755-3633.

Sincerely,
CAL-TECH TESTING, INC.

Linda Creamer, CEO, DBE

Linda M. Creamer
President/CEO

Nabil O. Hmeidi, P.E. 6/27/07
Senior Geotechnical Engineer
Licensed, Florida No. 57842

C & S

ELECTRICAL CONTRACTOR INC.

LETTER OF TRANSMITTAL

No. 1

DATE: June 27, 2007

REGARDING: State License Registration

TO: Columbia County Bldg. Dept.
Attn: Licensing
135 NE Hernando Ave.
Lake City, FL 32055
Fax:(386) 758-2160

From: Jeff Varcadipane

We are sending you [X] Attached [ ] Under Separate Cover

via Fax 1 plus cover

[ ] Shop Drawings [ ] Prints [ ] Invoice
[X] Copy of Letter [ ] Change order [ ] Specs
[ ] Samples [ ] Other

Copies	Date	Description
1	6/27/2007	Copy of State EC license # EC13002751

These are transmitted as checked below:

[ ] For Approval
[X] For your use
[ ] As requested
[ ] Resubmit
[ ] Submit
[ ] Return
[ ] For Review and Comment

[ ] Approved as Submitted
[ ] Approved as Noted
[ ] Returned for Corrections
[ ] Copies for Approval
[ ] Copies for Distribution
[ ] Corrected Prints

Remarks:

Licensing,
Please see attached copy of our State license for registering in your County to obtain electrical permitting.

Thank you,
Jeff Varcadipane
(904) 226-0512

CC: FILE

5030-200 Richard Ln. Jacksonville, Florida 32216
Ph; (904) 771-1203 Fax: (904) 771-1252

#25942

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625 • Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville FL 32254
2230 Greensboro Hwy. • Quincy, FL 32351

Lake City • (386) 755-3633
Fax * (386) 752-5456
Jacksonville • (904) 381-8901
Fax • (904) 381-8902
Quincy • (850) 442-3495
Fax • (850) 442-4008

JOB NO.: 07-325
DATE TESTED: 6/28/07

REPORT OF IN-PLACE DENSITY TEST

ASTM METHOD: ✓ (D-2922) Nuclear ___ (D-2937) Drive Cylinder ___ Sandcone

PROJECT: Jones Residence
CLIENT: C & S Construction

GENERAL CONTRACTOR: SAC
EARTHWORK CONTRACTOR: SAC

SOIL USE (SEE NOTE): 2
SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: C. Day

MODIFIED (ASTM D-1557): ✓
STANDARD (ASTM D-698): ___

TEST NO.	TEST LOCATION	TEST: ___DEPTH ___ELEV. ___LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT	DRY DENS. LBS.CU.FT	MOIST. PERCENT	% MAX. DENS.
1	S.W. Corner	12"	1	107.7	103.8	3.7	101
2	N.W. Corner	12"	1	109.3	104.0	5.1	101

REMARKS: ___

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
*	Richardson's Site Prep	103.1	10.8

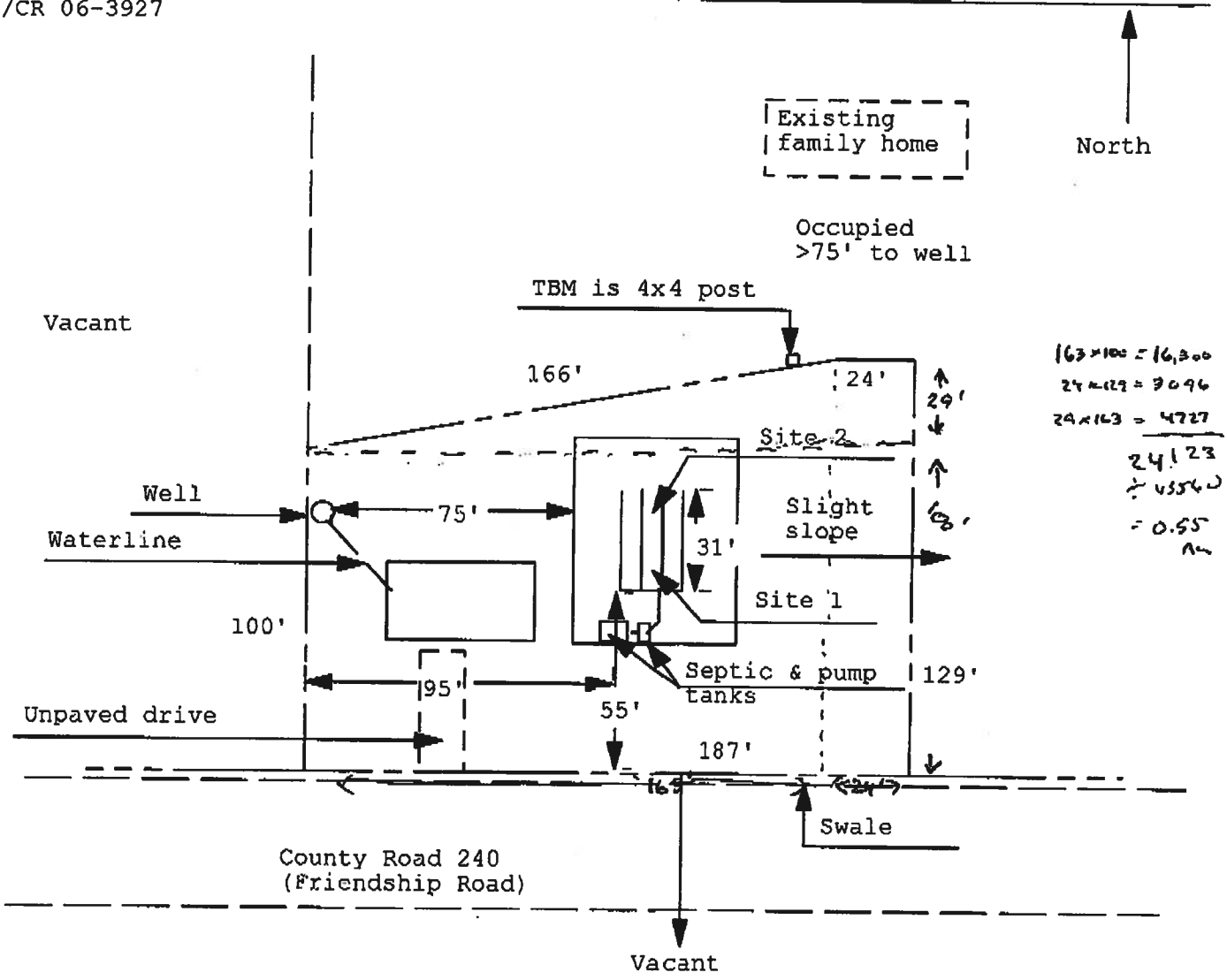
NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

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

Permit Application Number: 07-0414-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

JONES/CR 06-3927



163 × 100 = 16,300
24 × 129 = 3096
24 × 163 = 4727
24 | 23
÷ 4554
= 0.55 Ac

1 inch = 50 feet

Site Plan Submitted By Paul Boyd **Date** 6/6/07

Plan Approved ✓ **Not Approved** ____ **Date** 6/7/07

By Mona Colbert **CPHU**

Notes: ____

Form FmHA-FL 424-6
(Rev. 11-30-95)

NOTICE OF COMMENCEMENT

Inst:200712012422 Date:6/6/2007 Time:9:43 AM
DC,P.DeWitt Cason ,Columbia County B:1120 P:242

To Whom It May Concern:

The undersigned hereby informs you that improvements will be made to Certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is stated in this NOTICE OF COMMENCEMENT.

Description of Property:

see exhibit a attached

General description of improvements:

CONSTRUCTION OF SINGLE FAMILY DWELLING

Owner and address:

CHARIS L. JONES, 2515 SE FAMILY RD, LULU, FL 32061

Owner's interest in site of the improvements:

Fee Simple Title Holder (if other than owner): Name and Address

Contractor and Address: C & S CONSTRUCTION, 456 SE ERMINE AVE, LAKE CITY, FL 32025
(386) 755-7200

Surety (if any) _____

Address _____ **Amount of Bond** _____

Name and address of person within the State of Florida designated by owner upon whom notices or other documents may be served:

In addition to owner, owner designates the following person to receive a copy of Lienholder's Notice as provided in Section 713.06(2)(b)Florida Statutes.

Name and Address: Rural Housing Service
10094 U. S. Hwy 129
Live Oak, FL 32060

This space for Recorder's Use Only: Charis L. Jones
Owner / Borrower

State of Florida
County of COLUMBIA

I, HEREBY CERTIFY, that on this date, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgements, personally appeared Charis L. Jones and _____, his wife, to me known to be the person(s) described in and executed the foregoing instrument and she acknowledged before me that he ___ executed the same.

Witness my hand a official seal in the County and State Aforesaid this 5th day of June, A.D. 2007

Martha Bryan
Notary Public

Martha Bryan
Commission # DD232534
Expires August 10, 2007
Bonded Troy Fain - Insurance, Inc. 800-385-7019

07Y-05019BBS

Exhibit A

COMMENCE AT THE NORTHEAST CORNER OF THE SOUTHEAST ¼ OF THE NORTHWEST ¼ OF SECTION 17, TOWNSHIP 5 SOUTH, RANGE 18 EAST, COLUMBIA COUNTY, FLORIDA AND RUN SOUTH 00°17'34" EAST ALONG THE EAST LINE OF SAID SOUTHEAST ¼ OF THE NORTHWEST ¼ OF SECTION 17 A DISTANCE OF 336.71 FEET TO A POINT ON A CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 8634.37 FEET AND A CENTRAL ANGLE OF 04°09'31"; THENCE WESTERLY ALONG THE ARC OF SAID CURVE, BEING ALSO THE NORTHERLY RIGHT-OF-WAY LINE OF COUNTY ROAD 240, A DISTANCE OF 439.64 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE WESTERLY, ALONG SAID NORTHERLY RIGHT-OF-WAY LINE OF COUNTY ROAD 240, A DISTANCE OF 187.08 FEET; THENCE NORTH 00°23'16" WEST A DISTANCE OF 100.09 FEET; THENCE NORTH 76°44'21" EAST A DISTANCE OF 166.72 FEET; THENCE NORTH 89°36'44" EAST A DISTANCE OF 24.39 FEET; THENCE SOUTH 00°23'16" EAST A DISTANCE OF 129.61 FEET TO THE POINT OF BEGINNING.

Columbia County, Florida
Planning & Zoning Department

Review of Building Permit for compliance with County's Comprehensive Plan and Land Development Regulations

To: Lavonne Cox **Fax:** 386.755.7203

From : Brian L. Kepner, County Planner **Fax:** 386.758.2160

Number of pages : 3

Date : 20 June 2007

RE: Building Permit Application 0706-25, Charis Jones

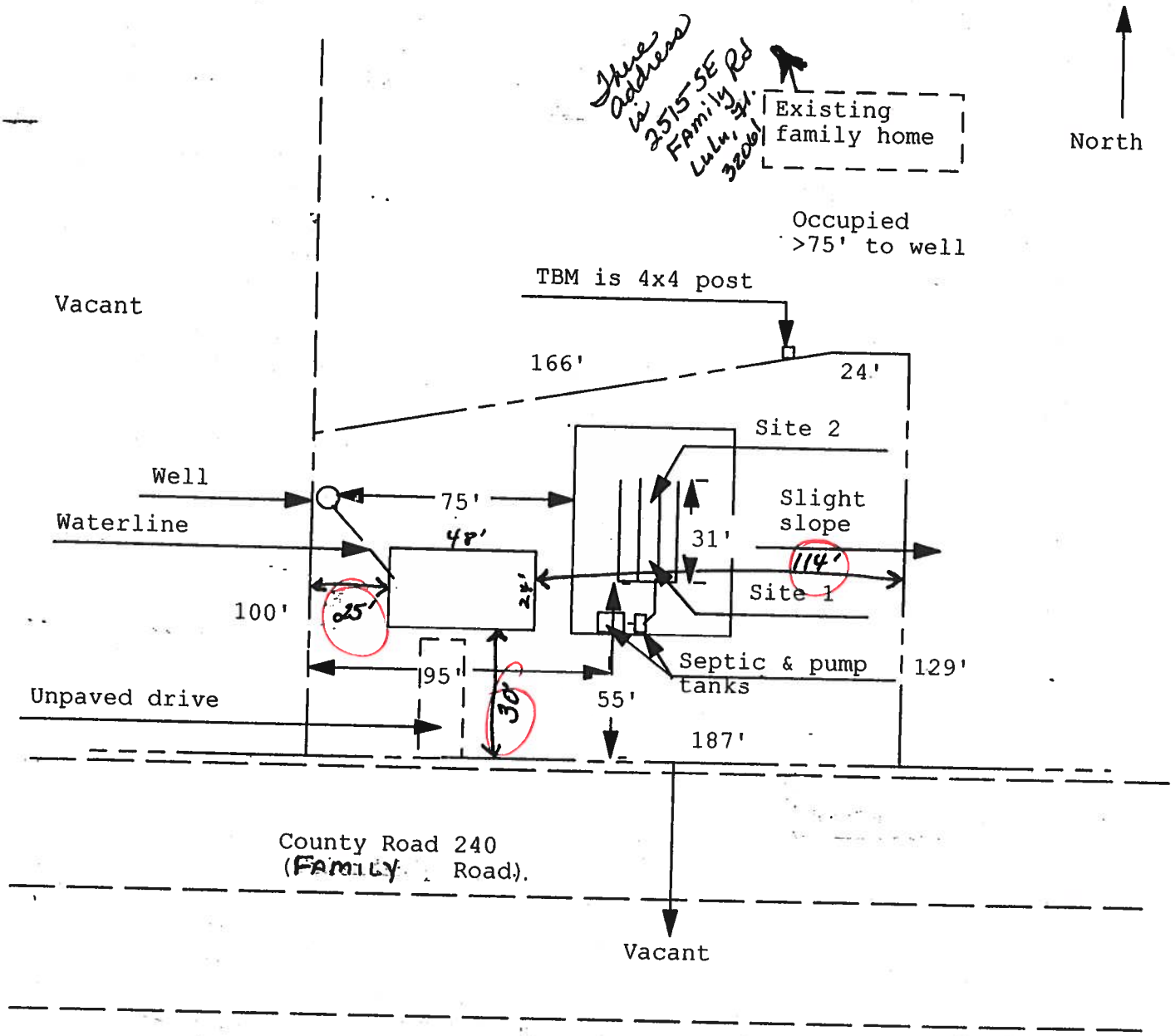
Dear Lavonne:

The above referenced application appears to be a Special Family Lot Permit. The Special Family Lot Affidavit is required, I have attached a copy to this facsimile.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.758.1007.

Sincerely,

Brian L. Kepner
Land Development Regulation Administrator,
County Planner


True address is 2515 SE Family Rd. Lulu, 32001
Existing family home
North
Occupied >75' to well
TBM is 4x4 post
Vacant
166'
24'
Site 2
Well
75'
Slight slope
Waterline
48'
31'
114'
Site 1
100'
25'
24'
95'
30'
55'
Septic & pump tanks
129'
Unpaved drive
187'
County Road 240
(Family Road).
Vacant

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 6/6/2007 **DATE ISSUED:** 6/8/2007

ENHANCED 9-1-1 ADDRESS:

2557 SE FAMILY RD

LULU FL 32061

PROPERTY APPRAISER PARCEL NUMBER:

17-8S-18-10587-002

Remarks:

PARENT PARCEL

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

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

795

Approved Address

JUN 08 2007

911 Addressing/GIS Dept

Gaylord Pump & Irrigation Inc.
P.O. Box 748
Branford, FL 32008
386-935-0932 Fax 386-935-0778

4" Steel Casing (schedule 40)
1-Hp Submersible pump 18 gpm
1-1/4" Galvanize pipe
PC-244 Challenger Diaphragm Tank (81 gallon tank with 21.9 gallons of draw down)

This equipment meets or exceeds state code of March 2002

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	2K212 - THE JUDITH	Builder:	C&S CONSTRUCTION
Address:		Permitting Office:	
City, State:	LAKE CITY, FL	Permit Number:	
Owner:	C&S CONSTRUCTION	Jurisdiction Number:	
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 22.4 kBtu/hr
3. Number of units, if multi-family	1		SEER: 9.70
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	1152 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT) 7a.	(Dble Default) 58.4 ft²	a. Electric Heat Pump	Cap: 22.9 kBtu/hr
b. SHGC:			HSPF: 6.60
(or Clear or Tint DEFAULT) 7b.	(Clear) 58.4 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 144.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=11.0, 1027.4 ft²		EF: 0.93
b. N/A		b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 1152.0 ft²	15. HVAC credits	CF,
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	

Glass/Floor Area: 0.07 Total as-built points: 18569 Total base points: 20332 **PASS**

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

PREPARED BY: _____ 10-2-2007

DATE: _____

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: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , **LAKE CITY, FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

FORM 600A-2004

EnergyGauge® 4.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL, PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	50.0	0.93	3	1.00	2606.67	1.00	7820.0	
				As-Built Total:						**7820.0**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
6217	**6210**	**7905**	**20332**	**4587**	**6162**	**7820**	**18569**

PASS

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**9898.7**	**Winter As-Built Points:**					**10349.8**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 22900 btuh ,EFF(6.6) Ducts:Unc(S),Con(R),Int(AH),R6.0					
9898.7	0.6274	6210.4	10349.8 **10349.8**	1.000 **1.00**	(1.060 x 1.169 x 0.93) **1.152**	0.517 **0.517**	1.000 **1.000**	6162.4 **6162.4**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **LAKE CITY, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Point	
.18	1152.0	12.74	2641.8	Double, Clear	E	2.0	4.8	30.4	18.79	1.09	621.8	
				Double, Clear	E	5.0	5.0	15.2	18.79	1.29	367.3	
				Double, Clear	W	2.0	4.8	22.0	20.73	1.06	484.6	
				Double, Clear	W	2.0	2.8	6.0	20.73	1.13	140.0	
				Double, Clear	S	2.0	4.8	11.0	13.30	1.43	209.6	
				As-Built Total:				**84.6**			**1823.3**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			11.0	1027.4	3.70		3801.4	
Exterior	1027.4	3.70	3801.4									
Base Total:	**1027.4**		**3801.4**	**As-Built Total:**				**1027.4**			**3801.4**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				40.0	8.40		336.0	
Exterior	40.0	12.30	492.0									
Base Total:	**40.0**		**492.0**	**As-Built Total:**				**40.0**			**336.0**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	1152.0	2.05	2361.6	Under Attic			30.0	1152.0	2.05 X	1.00	2361.6	
Base Total:	**1152.0**		**2361.6**	**As-Built Total:**				**1152.0**			**2361.6**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	144.0(p)	8.9	1281.6	Slab-On-Grade Edge Insulation			0.0	144.0(p	18.80		2707.2	
Raised	0.0	0.00	0.0									
Base Total:			**1281.6**	**As-Built Total:**				**144.0**			**2707.2**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	1152.0	-0.59	-679.7					1152.0	-0.59		-679.7	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL, PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 14573.0			**Summer As-Built Points:**					**12162.5**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 22400 btuh ,SEER/EFF(9.7) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
14573.0	0.4266	6216.8	12162 **12162.5**	1.00 **1.00**	(1.08 x 1.147 x 0.91) **1.128**	0.352 **0.352**	0.950 **0.950**	4587.1 **4587.1**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL, PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	1152.0	20.04	4155.5	Double, Clear	E	2.0	4.8	30.4	42.06	0.79	1005.6
				Double, Clear	E	5.0	5.0	15.2	42.06	0.52	331.1
				Double, Clear	W	2.0	4.8	22.0	38.52	0.79	668.8
				Double, Clear	W	2.0	2.8	6.0	38.52	0.62	142.8
				Double, Clear	S	2.0	4.8	11.0	35.87	0.71	281.6
				As-Built Total:				**84.6**			**2429.8**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			11.0	1027.4	1.70		1746.6
Exterior	1027.4	1.70	1746.6								
Base Total:	**1027.4**		**1746.6**	**As-Built Total:**				**1027.4**			**1746.6**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	Exterior Insulated				40.0	4.10		164.0
Exterior	40.0	6.10	244.0								
Base Total:	**40.0**		**244.0**	**As-Built Total:**				**40.0**			**164.0**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1152.0	1.73	1993.0	Under Attic			30.0	1152.0	1.73 X 1.00		1993.0
Base Total:	**1152.0**		**1993.0**	**As-Built Total:**				**1152.0**			**1993.0**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	144.0(p)	-37.0	-5328.0	Slab-On-Grade Edge Insulation			0.0	144.0(p	-41.20		-5932.8
Raised	0.0	0.00	0.0								
Base Total:			**-5328.0**	**As-Built Total:**				**144.0**			**-5932.8**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	1152.0	10.21	11761.9					1152.0	10.21		11761.9

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.6

The higher the score, the more efficient the home.

C&S CONSTRUCTION, , LAKE CITY, FL,

1.	New construction or existing		New	
2.	Single family or multi-family		Single family	
3.	Number of units, if multi-family		1	
4.	Number of Bedrooms		3	
5.	Is this a worst case?		Yes	
6.	Conditioned floor area (ft²)		1152 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a.	U-factor: (or Single or Double DEFAULT)	7a.	Description Area (Dble Default) 58.4 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b.	(Clear) 58.4 ft²	
8.	Floor types			
a.	Slab-On-Grade Edge Insulation		R=0.0, 144.0(p) ft	
b.	N/A			
c.	N/A			
9.	Wall types			
a.	Frame, Wood, Exterior		R=11.0, 1027.4 ft²	
b.	N/A			
c.	N/A			
d.	N/A			
e.	N/A			
10.	Ceiling types			
a.	Under Attic		R=30.0, 1152.0 ft²	
b.	N/A			
c.	N/A			
11.	Ducts			
a.	Sup: Unc. Ret: Con. AH: Interior		Sup. R=6.0, 120.0 ft	
b.	N/A			
12.	Cooling systems			
a.	Central Unit			Cap: 22.4 kBtu/hr SEER: 9.70
b.	N/A			
c.	N/A			
13.	Heating systems			
a.	Electric Heat Pump			Cap: 22.9 kBtu/hr HSPF: 6.60
b.	N/A			
c.	N/A			
14.	Hot water systems			
a.	Electric Resistance			Cap: 50.0 gallons EF: 0.93
b.	N/A			
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)			
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)			CF,

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

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Residential System Sizing Calculation

Summary

C&S CONSTRUCTION

LAKE CITY, FL

Project Title:
2K212 - THE JUDITH

Code Only
Professional Version
Climate: North

03-Nov-06

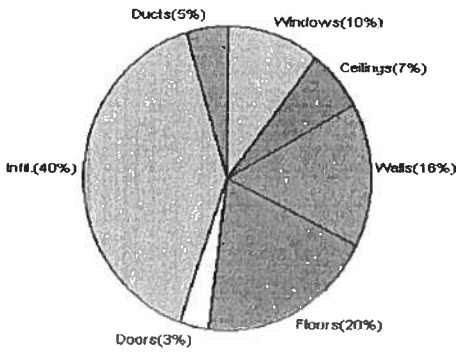
Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)

Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**22939**	**Btuh**	**Total cooling load calculation**	**22383**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	99.8	22900	Sensible (SHR = 0.75)	120.6	16800
Heat Pump + Auxiliary(5.0kW)	174.2	39965	Latent	66.3	5600
			Total (Electric Heat Pump)	100.1	22400

WINTER CALCULATIONS

Winter Heating Load (for 1152 sqft)

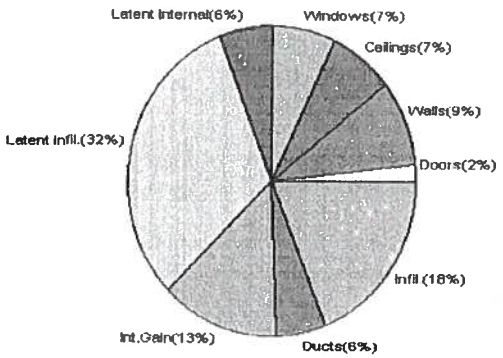
Load component			Load	
Window total	85	sqft	2394	Btuh
Wall total	1027	sqft	3596	Btuh
Door total	40	sqft	733	Btuh
Ceiling total	1152	sqft	1498	Btuh
Floor total	144	ft	4550	Btuh
Infiltration	212	cfm	9076	Btuh
Subtotal			**21847**	**Btuh**
Duct loss			1092	Btuh
TOTAL HEAT LOSS			**22939**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1152 sqft)

Load component			Load	
Window total	85	sqft	1595	Btuh
Wall total	1027	sqft	1993	Btuh
Door total	40	sqft	406	Btuh
Ceiling total	1152	sqft	1636	Btuh
Floor total			0	Btuh
Infiltration	204	cfm	4037	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			**12666**	**Btuh**
Duct gain			1267	Btuh
Total sensible gain			**13933**	**Btuh**
Latent gain(infiltration)			7070	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**8450**	**Btuh**
TOTAL HEAT GAIN			**22383**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: _____ 4/27/2005
DATE: _____ 06 Jun 2K7

System Sizing Calculations - Winter

Residential Load - Component Details

C&S CONSTRUCTION

LAKE CITY, FL

Project Title:
2K212 - THE JUDITH

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

03-Nov-06

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	30.4	28.3	860 Btuh
2	2, Clear, Metal, DEF	N	15.2	28.3	430 Btuh
3	2, Clear, Metal, DEF	S	22.0	28.3	623 Btuh
4	2, Clear, Metal, DEF	S	6.0	28.3	170 Btuh
5	2, Clear, Metal, DEF	E	11.0	28.3	311 Btuh
	Window Total		85		2394 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	11.0	1027	3.5	3596 Btuh
	Wall Total		1027		3596 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		40	18.3	733 Btuh
	Door Total		40		733Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1152	1.3	1498 Btuh
	Ceiling Total		1152		1498Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	144.0 ft(p)	31.6	4550 Btuh
	Floor Total		144		4550 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	9216(sqft)	62	2641 Btuh
	Mechanical			150	6435 Btuh
	Infiltration Total			212	9076 Btuh

Totals for Heating	**Subtotal**	**21847 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1092 Btuh**
	Total Btuh Loss	**22939 Btuh**

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

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

System Sizing Calculations - Summer

Residential Load - Component Details

C&S CONSTRUCTION

LAKE CITY, FL

Project Title:
2K212 - THE JUDITH

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 03-Nov-06

Window	Type Panes/SHGC/U/InSh/ExSh	Ornt	Overhang Len	 Hgt	Window Area(sqft) Gross	 Shaded	 Unshaded	HTM Shaded	 Unshaded	Load	
1	2, Clear, DEF, B, N	N	2	4.83	30.4	0.0	30.4	15	15	456	Btuh
2	2, Clear, DEF, B, N	N	5	5	15.2	0.0	15.2	15	15	228	Btuh
3	2, Clear, DEF, B, N	S	2	4.83	22.0	22.0	0.0	15	24	330	Btuh
4	2, Clear, DEF, B, N	S	2	2.83	6.0	6.0	0.0	15	24	90	Btuh
5	2, Clear, DEF, B, N	E	2	4.83	11.0	0.5	10.5	15	46	491	Btuh
	Window Total				85					1595	Btuh

Walls	Type	R-Value	Area	HTM	Load	
1	Frame - Exterior	11.0	1027.4	1.9	1993	Btuh
	Wall Total		1027.4		1993	Btuh

Doors	Type	Area	HTM	Load	
1	Insulated - Exter	40.0	10.1	406	Btuh
	Door Total	40.0		406	Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load	
1	Under Attic/Dark	30.0	1152.0	1.4	1636	Btuh
	Ceiling Total		1152.0		1636	Btuh

Floors	Type	R-Value	Size	HTM	Load	
1	Slab-On-Grade Edge Insulation	0.0	144.0 ft(p)	0.0	0	Btuh
	Floor Total		144.0		0	Btuh

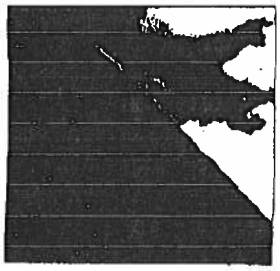
Infiltration	Type	ACH	Volume	CFM=	Load	
	Natural	0.35	9216	53.9	1067	Btuh
	Mechanical			150	2970	Btuh
	Infiltration Total			204	4037	Btuh

Internal gain	Occupants		Btuh/occupant		Appliance	Load	
	6	X	300	+	1200	3000	Btuh

Totals for Cooling			
	Subtotal	**12666**	**Btuh**
	Duct gain(using duct multiplier of 0.10)	**1267**	**Btuh**
	Total sensible gain	**13933**	**Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**7070**	**Btuh**
	Latent occupant gain (6 people @ 230 Btuh per person)	**1380**	**Btuh**
	Latent other gain	**0**	**Btuh**
	TOTAL GAIN	**22383**	**Btuh**

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

ELK



PRESTIQUE®
HIGH DEFINITION®

RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size	13¼"x 39⅜"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.6 sq.ft.
Squares/Pallet	11

50-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.

Raised Profile

Product size	13¼"x 38¾"
Exposure	6¾"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.

Prestique I *High Definition*

Product size	13¼"x 39¾"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.6 sq.ft.
Squares/Pallet	14

40-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.

Prestique *High Definition*

Product size	13¼"x 38¾"
Exposure	6¾"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/*FLX*™

Size: 12"x 12"
Exposure: 6⅜"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Elk Starter Strip

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors: Antique Slate, Weatheredwood, Shakewood, Sablewood, Hickory, Barkwood**, Forest Green, Wedgewood**, Birchwood**, Sandalwood. Gallery Collection: Balsam Forest™, Weathered Sage™, Sienna Sunset™.

All Prestique, Raised Profile and Seal-A-Ridge roofing products contain Elk WindGuard® sealant. WindGuard activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not available in Sablewood.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

*See actual limited warranty for conditions and limitations.
**Check for product availability.

SPECIFICATIONS

SCOPE: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula *FLX*.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

MATERIALS: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For low slopes (4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing

warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be

Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 8" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

[illegible] material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula *FLX* with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All [illegible] followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

Southeast & Atlantic Office:
800.945.5551

Corporate Headquarters:
800.354.7732

Plant Location:
800.945.5545

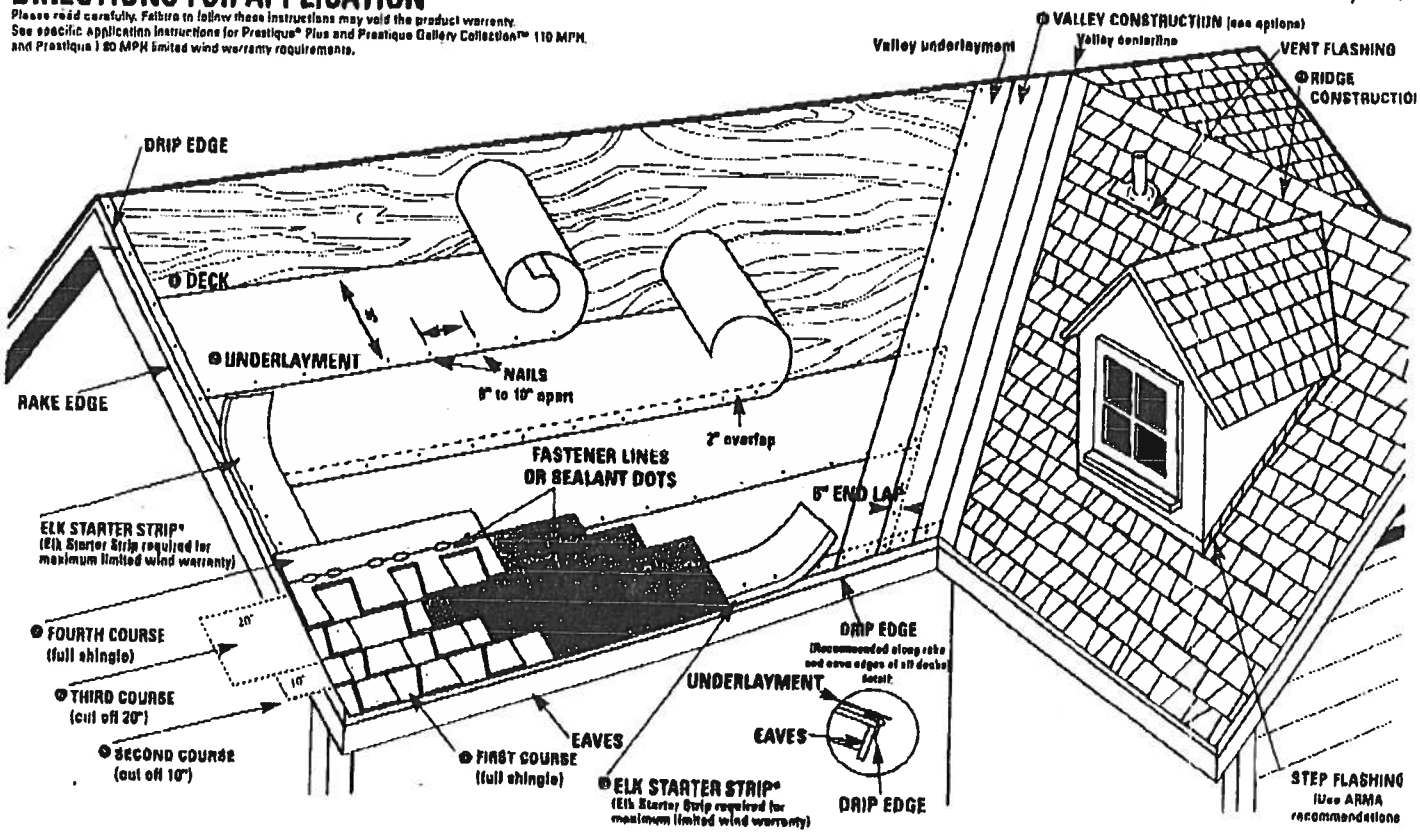
ELK
www.elkcorp.com

SSOOT 01 02

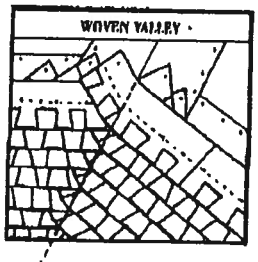
DIRECTIONS FOR APPLICATION

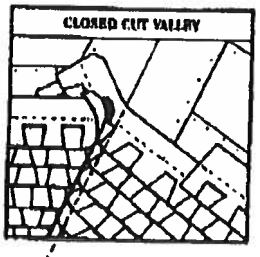
TUSCALOOSA, AL

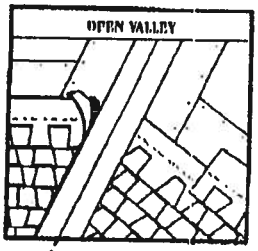
Please read carefully. Failure to follow these instructions may void the product warranty.
See specific application instructions for Prestique® Plus and Prestique Gallery Collection™ 110 MPH and Prestique I 80 MPH limited wind warranty requirements.



VALLEY CONSTRUCTION OPTION (California Open and California Closed are also acceptable) NOTE: For complete ARMA valley installation details, see ARMA Residential Asphalt Roofing Manua







DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

❶ DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" shipboard.

❷ UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 19". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and

❸ FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof.

❹ VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 36" wide vertical underlayment prior to applying 18" metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

❺ RIDGE CONSTRUCTION

For ridge construction use Class "A" Seal-A-Ridge® with formula *FLX*™ (See ridge package for installation instructions.)

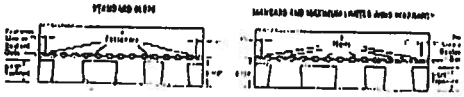
FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Always nail or staple through the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots.

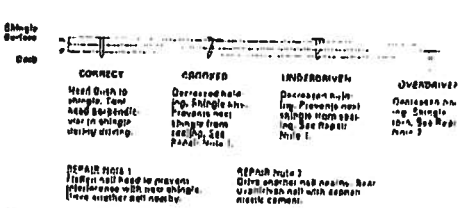
NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for roof-overs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.



HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a U.L.® Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new

flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Field Service Department for application specifications over other decks and other slopes.

❶ STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR A STRIP SHINGLE INVERTED WITH THE HEADLAP APPLIED AT THE EAVE EDGE. With at least 4" trimmed from the end of the first shingle, start at the rake edge overhanging the eave 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side.

❷ FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof.

❸ SECOND COURSE

Start at the rake with the shingle having 10" trimmed off and continue across roof with full shingles.

❹ THIRD COURSE

Start at the rake with the shingle having 20" trimmed off and continue across roof with full shingles.

[illegible] and completely sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less.

MANSARD APPLICATIONS

Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

[illegible] construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

ELK

www.elkcorp.com

FLORIDA DEPARTMENT OF Community Affairs

Community Affairs

- COMMUNITY PLANNING
- HOUSING & COMMUNITY DEVELOPMENT
- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY

Product Approval

USER: Public User

Search Criteria

Code Version	2004	FL#	ALL
Application Type	ALL	Product Manufacturer	MI Windo
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL

Search Results - Applications

Go to Page GO

FL#	Type	Manufacturer	Validat
FL5100	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	
FL5104	New	MI Windows and Doors **Category:** Windows **Subcategory:** Double Hung	
FL5108	New	MI Windows and Doors **Category:** Windows **Subcategory:** Single Hung	
FL5418	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	
FL5438	New	MI Windows and Doors **Category:** Windows **Subcategory:** Single Hung	
FL5447	New	MI Windows and Doors **Category:** Windows **Subcategory:** Double Hung	
FL5451	New	MI Windows and Doors **Category:** Windows **Subcategory:** Horizontal Slider	
FL5483-R1 History	Revision	MI Windows and Doors **Category:** Exterior Doors **Subcategory:** Sliding Exterior Door Assemblies	
FL5513	New	MI Windows and Doors **Category:** Windows	Steven

		Subcategory: Mullions	(717) 7
FL6023	New	MI Windows and Doors **Category:** Windows **Subcategory:** Casement	
FL6024	New	MI Windows and Doors **Category:** Windows **Subcategory:** Horizontal Slider	
FL6028	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	
FL6029 ✓	New	MI Windows and Doors **Category:** Windows **Subcategory:** Single Hung	
FL6489	New	MI Windows and Doors **Category:** Windows **Subcategory:** Mullions	Steven (717) 7
FL6499 ✓	New	MI Windows and Doors **Category:** Windows **Subcategory:** Single Hung	
FL6501	New	MI Windows and Doors **Category:** Windows **Subcategory:** Double Hung	
FL6502	New	MI Windows and Doors **Category:** Windows **Subcategory:** Horizontal Slider	
FL6503	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	
FL6679	New	MI Windows and Doors **Category:** Windows **Subcategory:** Fixed	

Go to Page GO

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

Product Approval

USER: Public User

Search Criteria

Code Version	2004	FL#	ALL
Application Type	ALL	Product Manufacturer	Masonit
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL

Search Results - Applications

FL#	Type	Manufacturer	Validated By
FL4242-R1 History	Revision	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL4334-R1 History	Revision	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL4668-R1 History	Revision	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL4904	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL4940	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL5114	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies	
FL5465	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door	

		Assemblies
FL5507	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL5508	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL6015	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL6506-R1 History	Revision	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL6509	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL7050	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies
FL7091	New	Masonite International **Category:** Exterior Doors **Subcategory:** Swinging Exterior Door Assemblies

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

C. Jones

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001
ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INCLUDE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 SECTION 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND TWO-FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: U.S. HIGHWAY 41 FROM COLUMBIA COUNTY'S NORTHERN BOUNDARY TO THE INTERSECTION OF MYRTIS ROAD, FOLLOW MYRTIS EAST TO THE INTERSECTION OF C.R. 245, FOLLOW C.R. 245 SOUTH TO THE SOUTHERN BOUNDARY OF COLUMBIA COUNTY.

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

GENERAL REQUIREMENTS; Two (2) complete set of plans containing the following:

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale("Optional"details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans
☑	☐	Designer's name and signature on document(FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building setbacks c) Location of all other buildings on lot , well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property
☑	☐	**Wind-load Engineering Summary, calculations and any details required** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per secition 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure - if more than one wind expore is used , the wind exposure and applicable wind dircetion shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m^2), to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional
		Elevations including:
☑	☐	a) All Sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

☐ d) Location, size and height above roof of chimneys
☐ e) Location and size of skylights
d) Building height
e) Number of stories

Floor Plan including:

☐ a) Rooms labeled and dimensioned
☐ b) Shear walls
☐ c) Windows and Doors(including garage doors) showing size, mfg, approval listing and attachmenspecs.(FBC1707)and safety glazing where needed (egress windows in bedrooms to be shown)
☐ d) Fireplaces (gas appliance(vented or non-vented) or wood burning with hearth
☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
☐ f) Must show and identify accessability requirements (accessible bathroom)

Foundation Plan including:

☐ a) Location of all load bearing walls with required footings indicated as standard or monolithic and their dimensions and reinforcing
☐ b) All posts and/or column footing including size and reinforcing
☐ c) Any special support required by soil analysis such as piling
☐ d) Location of any vertical steel

Roof System

☐ a) Truss package including:
1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐ b) Conventional Framing Layout including
1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge Beam sized and valley framing and support details
4. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

☐ a) Masonry wall
1. All materials making up wall
2. Block size and motar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinenforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continous tie from roof to foundation
6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Show type of termite treatment (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (6 mil. polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinforcement or

welded wire fabric reinfrocement and supports

11. Indicate where pressuretreated wood will be placed
12. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☑ ☐ b) Wood Frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required connectors with uplift rating and required number and size of fasteners for continous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fasting requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if required)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6 mil polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinenforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal Frame wall and roof (Designed, signed and sealed by Fl. Reg. Prof. Engineer or Architect)

Floor Framing System

☐ ☐ a) Floor truss package including layout and details signed and sealed by Fl. Reg. P.E.

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

☑ ☐ d) Service panel and sub-panel size and location(s)

☑ ☐ e) Meter location with type of service entrance (overhead or underground)

☑ ☐ f) Appliances and HVAC equipment

HVAC information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathrooms

☐ **Energy Calculations** (dimensions shall match plans)

☐ **Gas System** Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

Notice of Commencement

Private Potable Water

a) Size of pump motor

b) Size of pressure tank

c) Cycle Stop Valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

1. **Building Permit Application:** A current Building Premit Application form is to be completed and submitted for all residential construction project.

2. **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.

3. **Enviromental Health Permit or Sewer Tap Approval:** A copy of the Enviromental Health permit, existing septic approval or sewer tap approval is required. (386) 758-1058

4. **City Approval:** If the project is located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit.

5. **Flood Information:** All,projects within the Floodway of the Suwanne or Santa Fe Rivers shall requie permitting through the Suwannee River Water Management District, before submitting 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 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) has not been established shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.** A development permit will also be required ($10.00).

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made ($5.00). If applicant feels that a culvert is not needed then they may apply for a culvert waiver ($25.00). The waiver is either approved or denied by the Columbia County Public Works Department.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE- TIME WILL NOT ALLOW THIS - PLEASE DO NOT ASK

COLUMBIA COUNTY BUILDING DEPARTMENT
CHECKLIST FOR PERMITTING

Revised (9-22-06)

✓ **Notarized completed Building Permit Application**
Notes:

✓ **If an Owner Builder, Notarized Disclosure Statement**
Notes:

✓ **Recorded Deed or a Notarized Affidavit (form from the Building Dept.)**
Notes:

at their office now

Approved and Signed Site Plan from Environmental Health on the septic
Notes:

✓ **Site plan with actual distances of the structure to each property line**
Notes:

✓ **911 Address form, Contact 386.752.8787 for an appointment**
Notes:

✓ **Residential or Commercial Checklist completed**
Notes:

✓ **Driving directions including all road names**
Notes:

✓ **Well information (on plans or letter from the well driller)**
Notes:

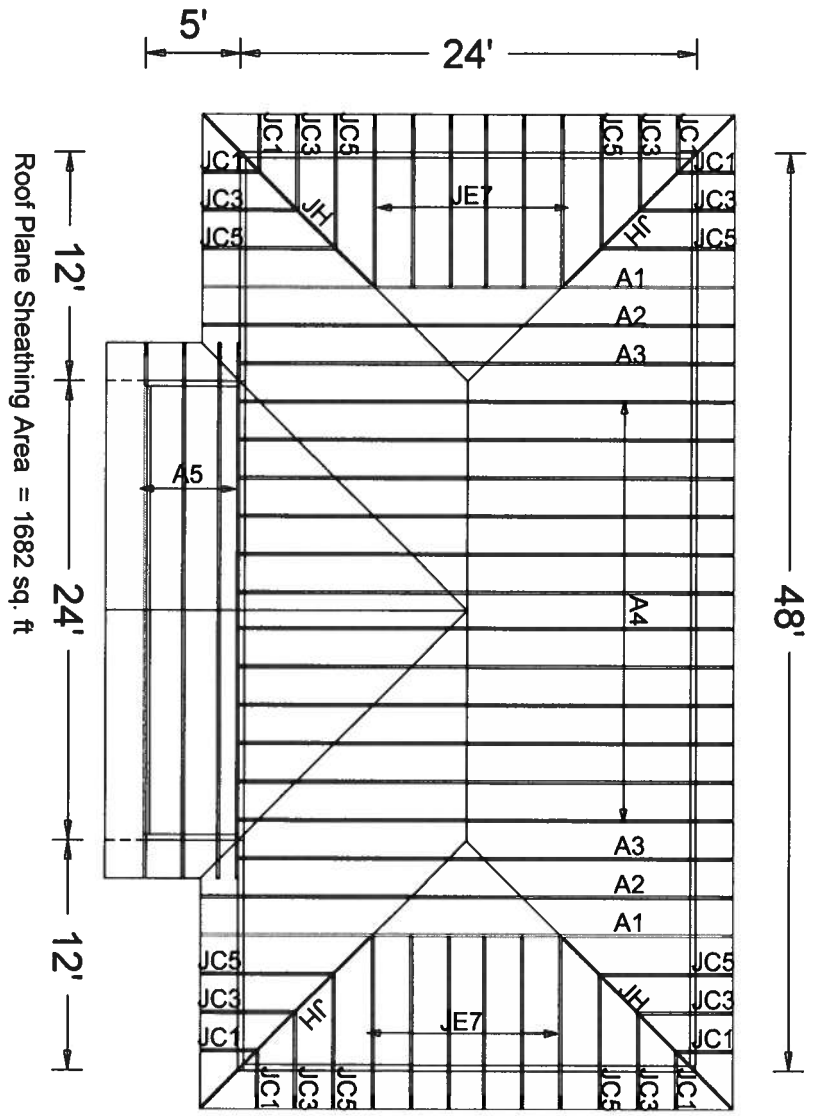
✓ **Before the 1st inspection Recorded Notice of Commencement signed by owner**
Notes:

✓ **2 sets of plans (blueprints)**
Notes:

✓ **2 sets of sealed truss engineering**
Notes:

✓ **2 sets of energy code & manual J**
Notes:

✓ **2 sets of engineering packets including specs on windows, doors, roof and etc. and/or Product Approval Code.**
Notes:



W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH:	4/12
CLG PITCH:	N/A
OVERHANG:	2'
LOADING:	40 PSF/SHINGLE
WIND LOAD:	110 MPH
EXT WALLS:	2x4 FRAMING
DATE:	3-29-05

Job Name: ~~WAGNER~~ C. Jones
Customer: C&S CONSTRUCTION
Designer: Lynn Bell

JOB NO: 4155

PAGE NO: 1 OF 1

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T3I215-Z0227124335

Truss Fabricator:	W.B. Howland C. Jones
Job Identification:	4155-/~~WAGNER~~ /C&S CONSTRUCTION -- LAKE CITY, FL
Truss Count:	10
Model Code:	Florida Building Code 2004
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.25.
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 12/27/2006

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

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. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Details: -

#	Ref	Description	Drawing#	Date
1	76690	A5	06361010	12/27/06
2	76691	A4	06361012	12/27/06
3	76692	A3	06361008	12/27/06
4	76693	A2	06361009	12/27/06
5	76694	A1	06361011	12/27/06
6	76695	JH	06361007	12/27/06
7	76696	JE7	06361013	12/27/06
8	76697	JC5	06361006	12/27/06
9	76698	JC3	06361015	12/27/06
10	76699	JC1	06361014	12/27/06

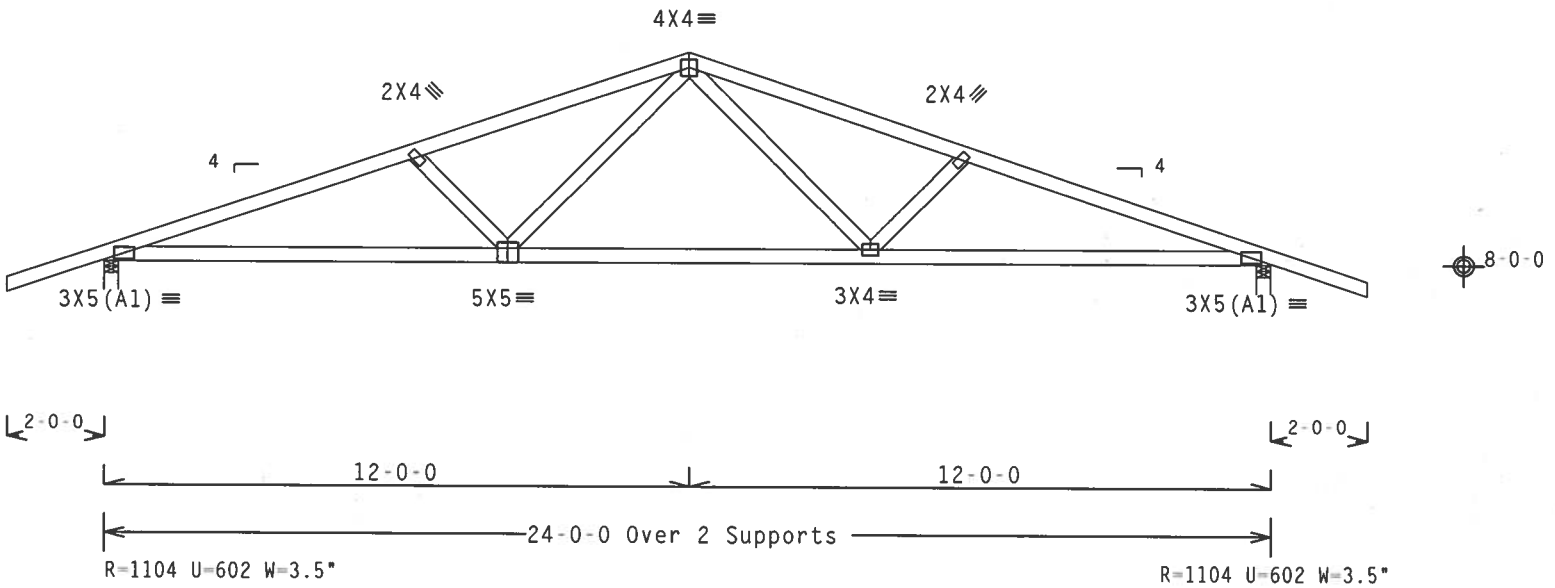
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

The overall height of this truss excluding overhang is 4-3-15.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502

PLT TYP. Wave

QTY:4 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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 WTCA (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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE 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-Z. ANY INSPECTION OF PLATES FOLLOWED BY (!) 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.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 27 06

TC LL	20.0 PSF	REF R215-- 76690
TC DL	10.0 PSF	DATE 12/27/06
BC DL	10.0 PSF	DRW HCUSR215 06361010
BC LL	0.0 PSF	HC-ENG JK/WHK *
TOT.LD.	40.0 PSF	SEQN- 153419
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T3I215_Z02

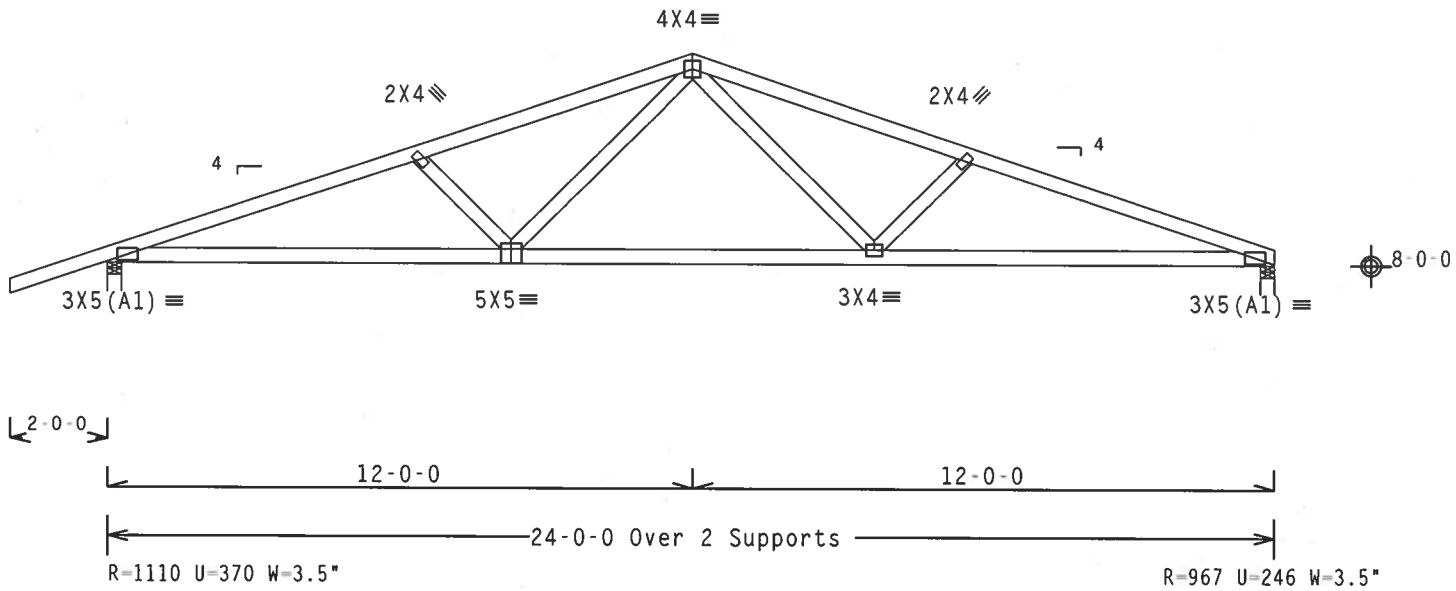
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

The overall height of this truss excluding overhang is 4-3-15.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0502 QTY:12 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 27 06

TC LL	20.0 PSF	REF	R215-- 76691
TC DL	10.0 PSF	DATE	12/27/06
BC DL	10.0 PSF	DRW	HCUSR215 06361012
BC LL	0.0 PSF	HC-ENG	JK/WHK *
TOT.LD.	40.0 PSF	SEQN-	153415
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T3I215_Z02

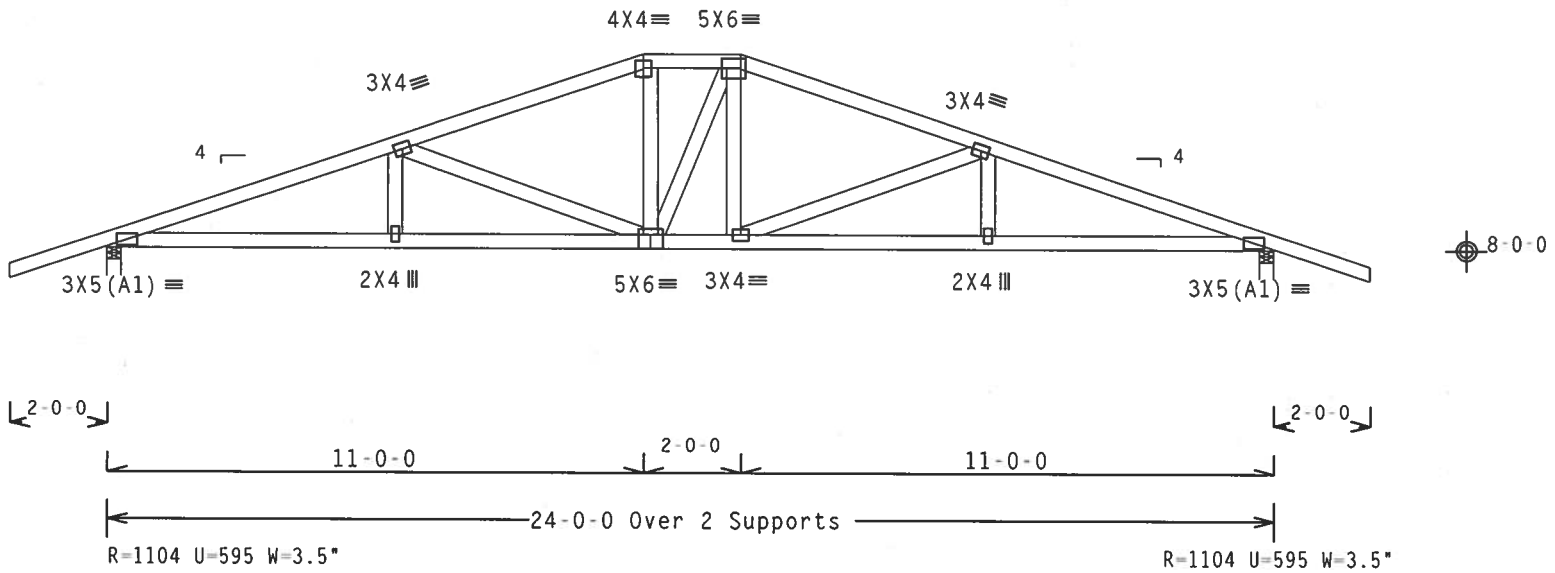
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

The overall height of this truss excluding overhang is 3-11-15.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:2 FL/-/5/-/-/R/- Scale =.25"/Ft.

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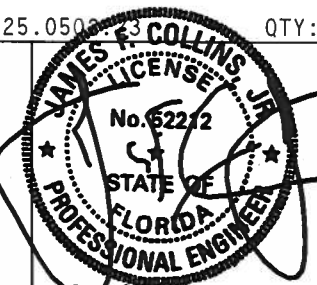


TC LL	20.0 PSF	REF R215-- 76692
TC DL	10.0 PSF	DATE 12/27/06
BC DL	10.0 PSF	DRW HCUSR215 06361008
BC LL	0.0 PSF	HC-ENG JK/WHK *
TOT.LD.	40.0 PSF	SEQN- 153411
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T3I215_Z02

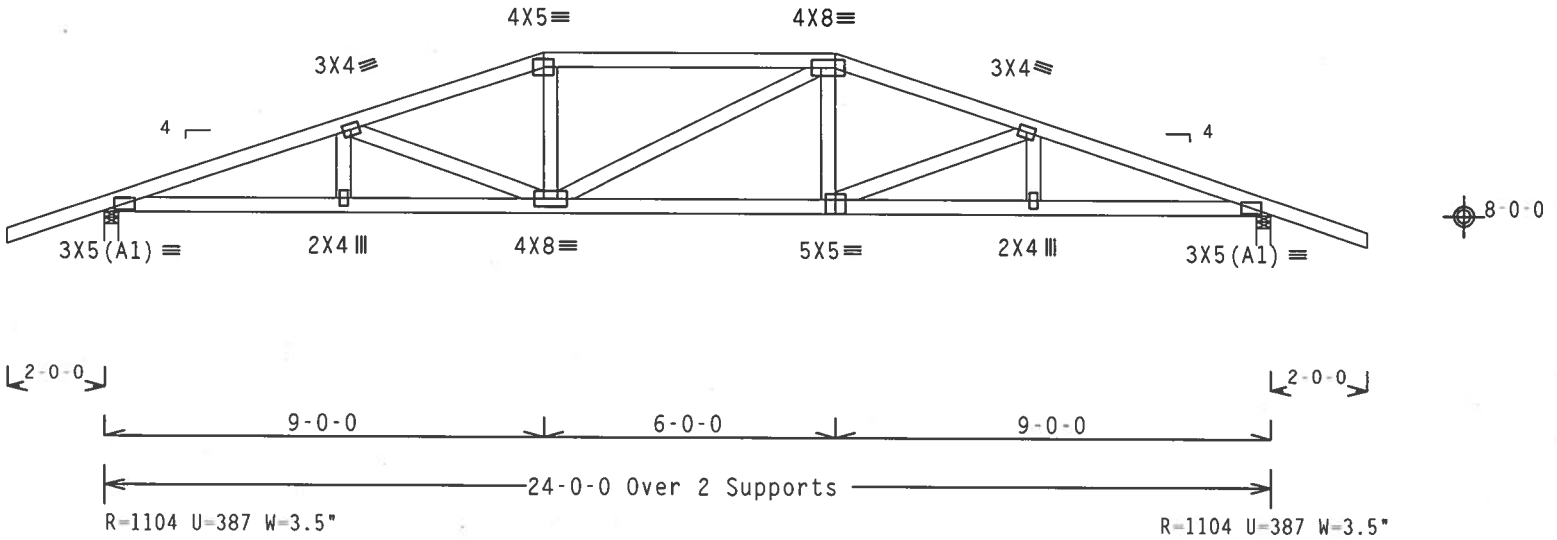
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

The overall height of this truss excluding overhang is 3-3-15.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:2 FL/-/5/-/-/R/- Scale =.25"/Ft.

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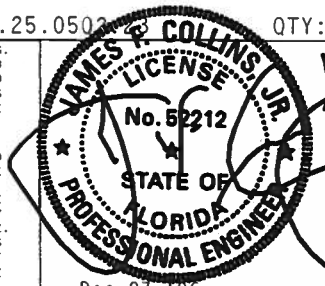


Dec 27 '06

TC LL	20.0 PSF	REF R215-- 76693
TC DL	10.0 PSF	DATE 12/27/06
BC DL	10.0 PSF	DRW HCUSR215 06361009
BC LL	0.0 PSF	HC-ENG JK/WHK *
TOT.LD.	40.0 PSF	SEQN- 153404
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T3I215_Z02

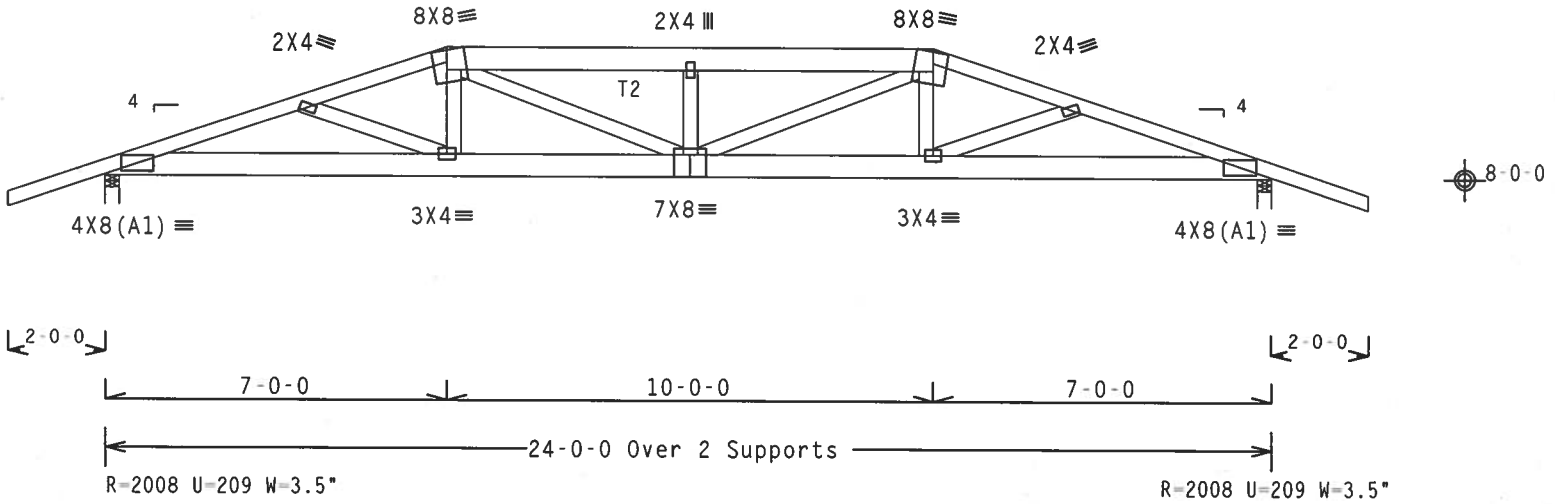
Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 2-7-15.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0502 QTY:2 FL/-/5/-/-/R/- Scale =.25"/Ft.

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec 27 06

TC LL	20.0 PSF	REF R215-- 76694
TC DL	10.0 PSF	DATE 12/27/06
BC DL	10.0 PSF	DRW HCUSR215 06361011
BC LL	0.0 PSF	HC-ENG JK/WHK
TOT.LD.	40.0 PSF	SEQN- 153407
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T3I215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

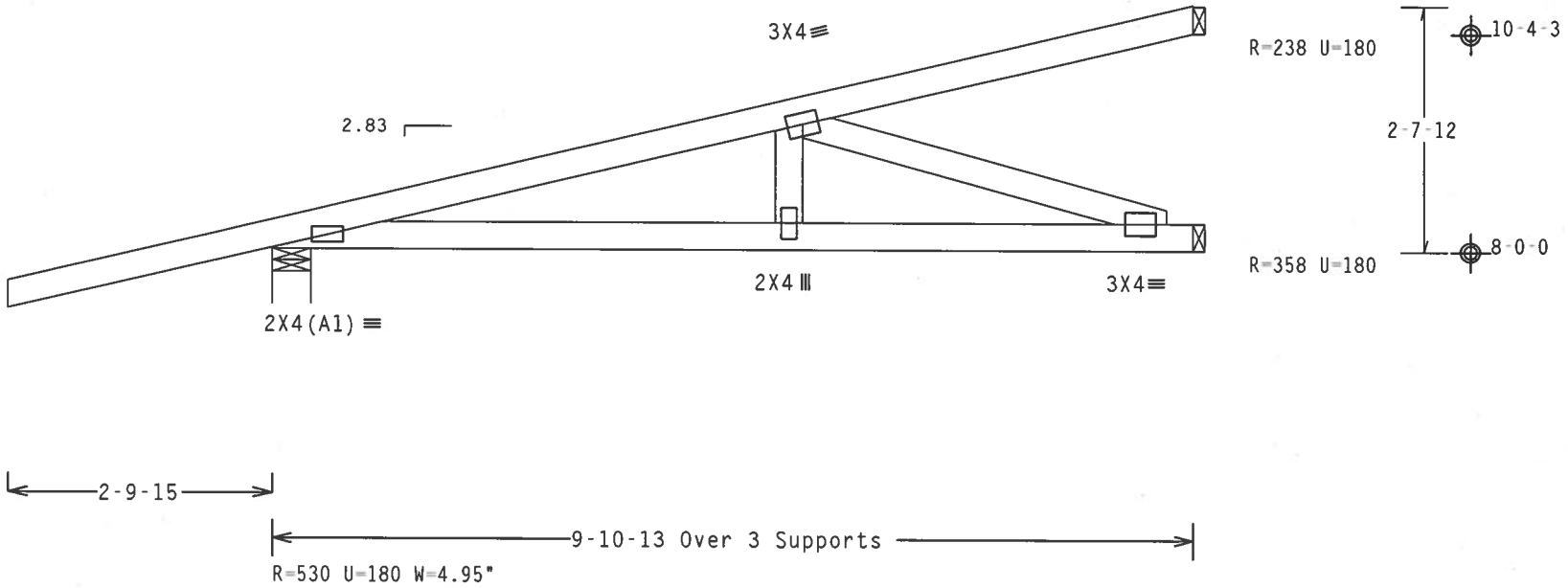
Hipjack supports 7-0-0 setback jacks with no webs.

Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

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

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

The overall height of this truss excluding overhang is 2-7-12.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.25.0502.22

PLT TYP. Wave

QTY:4 FL/-/5/-/-/R/-

Scale =.5"/Ft.

ALPINE
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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 27,2006

TC LL	20.0 PSF	REF	R215-- 76695
TC DL	10.0 PSF	DATE	12/27/06
BC DL	10.0 PSF	DRW	HCUSR215 06361007
BC LL	0.0 PSF		HC-ENG JK/WHK
TOT.LD.	40.0 PSF	SEQN-	153434
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T3I215_Z02

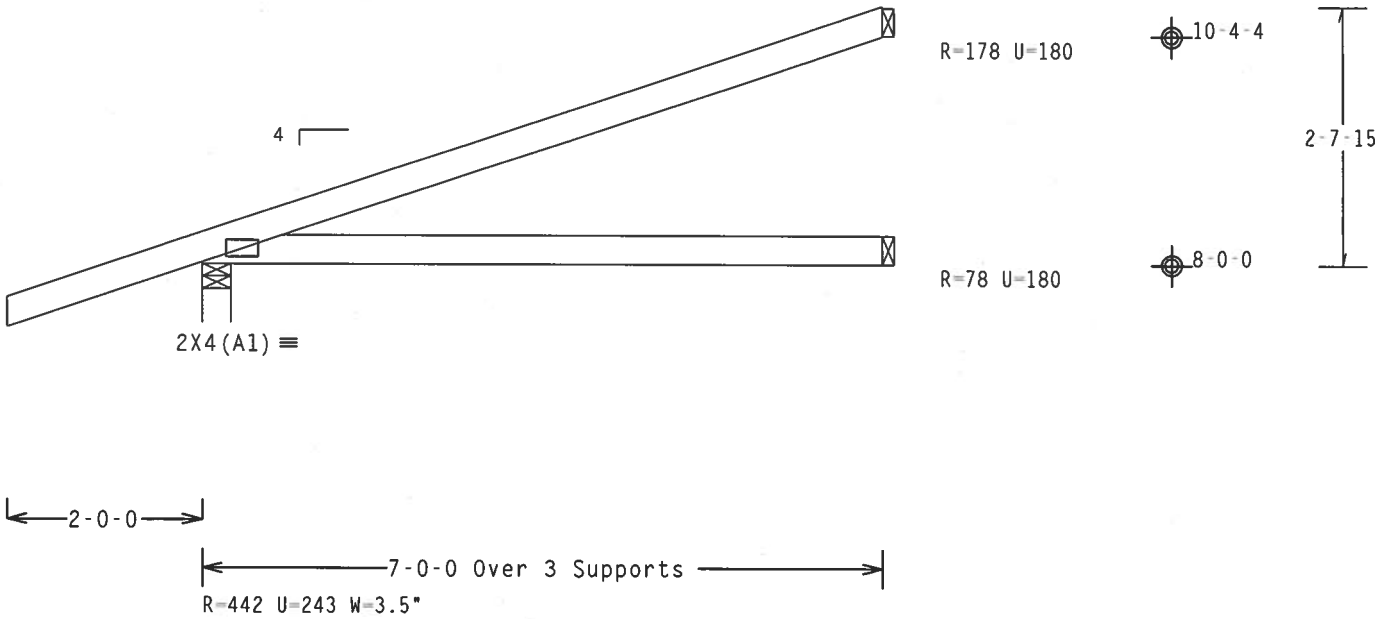
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

The overall height of this truss excluding overhang is 2-7-15.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.25.0502.23 [illegible]:12 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
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1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

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 WTCA (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. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE 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-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) 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.

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Dec

TC LL	20.0 PSF	REF R215-- 76696
TC DL	10.0 PSF	DATE 12/27/06
BC DL	10.0 PSF	DRW HCUSR215 06361013
BC LL	0.0 PSF	HC-ENG JK/WHK
TOT.LD.	40.0 PSF	SEQN- 153431
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T3I215_Z02

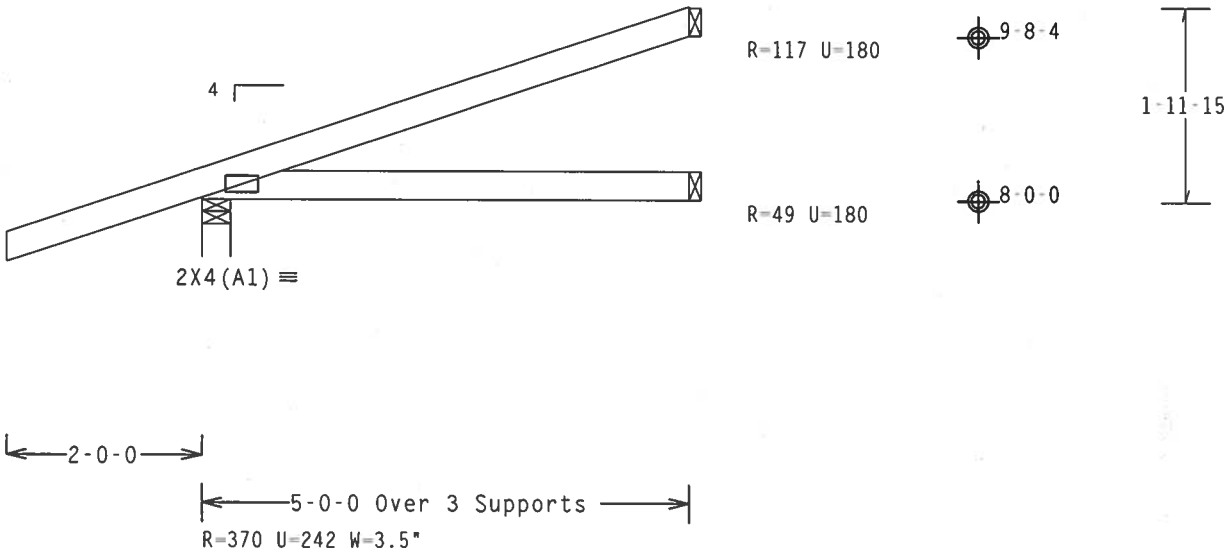
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

The overall height of this truss excluding overhang is 1-11-15.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0502.22 QTY:8 FL/-/5/-/-/R/- Scale =.5"/Ft.

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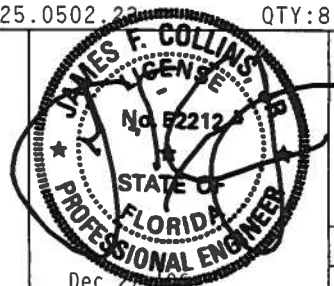


Dec 27,2006

TC LL	20.0 PSF	REF R215-- 76697
TC DL	10.0 PSF	DATE 12/27/06
BC DL	10.0 PSF	DRW HCUSR215 06361006
BC LL	0.0 PSF	HC-ENG JK/WHK
TOT.LD.	40.0 PSF	SEQN- 153428
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T3I215_Z02

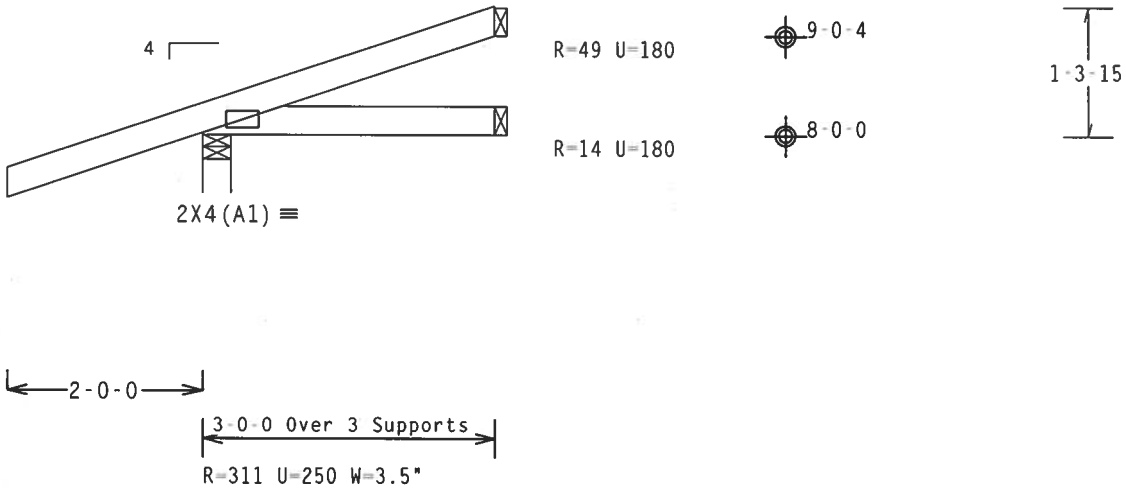
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Components and cladding wind pressures considered for uplift callouts.

The overall height of this truss excluding overhang is 1-3-15.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0502 QTY:

FL/-/5/-/-/R/-

Scale =.5"/Ft.

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"

REF	R215-- 76698
DATE	12/27/06
DRW	HCUSR215 06361015
HC-ENG	JK/WHK
SEQN-	153425
FROM	CDM
JREF-	1T3I215_Z02

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Dec 27 06

Top chord 2x4 SP #2 N
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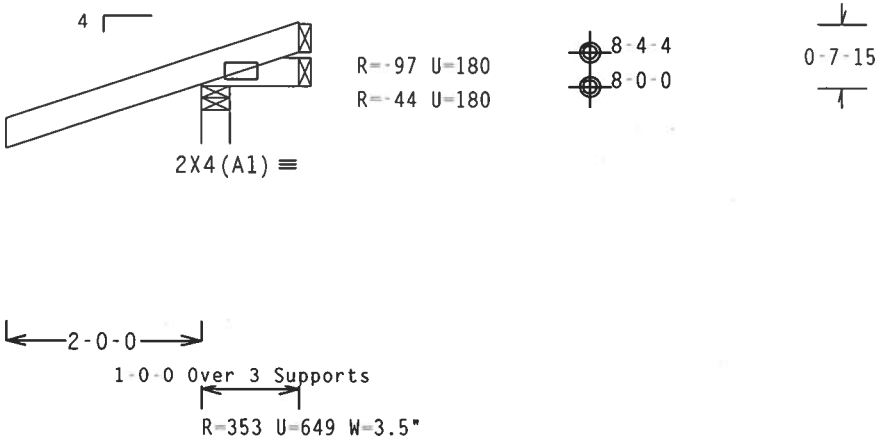
The overall height of this truss excluding overhang is 0-7-15.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0502.23 QTY:8 FL/-/5/-/-/R/- Scale =.5"/Ft.

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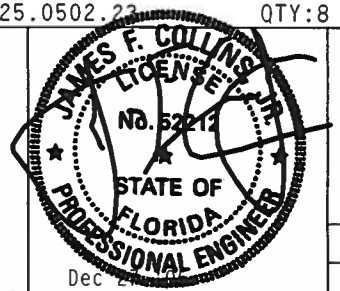

Dec 27,2006

TC LL	20.0 PSF	REF	R215-- 76699
TC DL	10.0 PSF	DATE	12/27/06
BC DL	10.0 PSF	DRW	HCUSR215 06361014
BC LL	0.0 PSF	HC-ENG	JK/WHK
TOT.LD.	40.0 PSF	SEQN-	153422
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T3I215_Z02

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 17-5S-18-10587-004 **Building permit No.** 000025942

Use Classification SFD/UTILITY **Fire:** 5.58

Permit Holder JAMES R. COX **Waste:** 16.75

Owner of Building CHARIS JONES **Total:** 22.33

Location: 2557 SE FAMILY ROAD, LULU, FL

Date: 09/05/2007

John Kerce

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

ice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

6-8-07

57 SE Family Road. [redacted] Lulu, Fl. 32061

Address of Treatment or Lot/Block of Treatment) City

Florida Pest Control & Chemical Co.

www.flapest.com

luct to be used: Bora-Care Termiticide (Wood Treatment)

mical to be used: 23% Disodium Octaborate Tetrahydrate

ication will be performed onto structural wood at dried-in stage of construction.
-Care Termiticide application shall be applied according to EPA registered label
tions as stated in the Florida Building Code Section 1861.1.8

rmation to be provided to local building code offices prior to concrete
dation installation.)

6/04 ©

Notice of Treatment 12622

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Baya Ave
City Lake City Phone 752-1703

Site Location: Subdivision C & S Const
Lot # _____ Block# _____ Permit # 25992
Address 2557 S.E. Family Rd.

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	1152	144	4.5 gals

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 _____.

7-24-07	8:25	F299
Date	Time	Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©