

DA 04/2007

Columbia County Building Permit**PERMIT****This Permit Expires One Year From the Date of Issue****000025370**

APPLICANT LAVONNE COX PHONE 386.755.7200
 ADDRESS 456 SE ERMINE STREET, STE. 101 LAKE CITY FL 32025
 OWNER KIM & TODD WAGNER PHONE 38.758.1304
 ADDRESS 151 SW CHURCHILL WAY LAKE CITY FL 32025
 CONTRACTOR JAMES R. COX PHONE 386.755.7200
 LOCATION OF PROPERTY 41-S TO WATERMELON PARK, TR ON ENGLISH RD, TO CHURCHILL CT.
TL AND THE LOT IS ON THE 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 Requirements: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
 NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO. _____

PARCEL ID 16-5S-17-09267-015 SUBDIVISION ENGLISH ACRES
 LOT 15 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 1.00

000001288 RR0066502 *[Signature]*
 Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor
18"X32"MITERED 06-01133N BLK JTH
 Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. SECTION 2.3.1 LEGAL NON-CONFORMING

LOT OF RECORD. PREVENTATIVE TERMITE REPORT.

Check # or Cash 10345**FOR BUILDING & ZONING DEPARTMENT ONLY**

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Framing _____ Rough-in plumbing above slab and below wood floor _____
 date/app. by _____ date/app. by _____
 Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
 date/app. by _____ date/app. by _____ date/app. by _____
 Permanent power _____ C.O. Final _____ Culvert _____
 date/app. by _____ date/app. by _____ date/app. by _____
 M/H tie downs, blocking, electricity and plumbing _____ Pool _____
 date/app. by _____ date/app. by _____
 Reconnection _____ Pump pole _____ Utility Pole _____
 date/app. by _____ date/app. by _____ date/app. by _____
 M/H Pole _____ Travel Trailer _____ Re-roof _____
 date/app. by _____ date/app. by _____ 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 \$ 25.00 FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 **TOTAL FEE** 402.72
 INSPECTORS OFFICE *[Signature]* CLERKS OFFICE *[Signature]*

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 INCONVENIENCE. 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.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0612-77 Date Received 12/27/06 By GT Permit # 1281/25370
 Application Approved by - Zoning Official RJK Date 04.01.07 Plans Examiner OK JTH Date 1-2-07
 Flood Zone X SW 1/4 Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 2.3.1 Legal non-conforming Lot of Record

Applicants Name CYS Construction Inc. - LAFONNE Phone 386-755-7200
 Address 456 SE Ermine Ave. Suite 101 Lake City, FL 32025
 Owners Name Kim Wagner Phone 386-758-1304
 911 Address 151 SW Churchill Way Lake City, FL 32025
 Contractors Name James R. Cox Phone 386-755-7200
 Address 456 SE Ermine Ave. Lake City, FL 32025
 Fee Simple Owner Name & Address Kim Wagner
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Trick Heister 755-9021
 Mortgage Lenders Name & Address USDA/SHIP 386-362-3055 + 386-362-4115
 Circle the correct power company - FL Power & Light Clay Elec. Suwannee Valley Elec. Progressive Energy
 Property ID Number 16 5S 17E 09267-015 Estimated Cost of Construction 88,000.00
 Subdivision Name English Acres Lot 15 Block Unit Phase
 Driving Directions Lake 41 South pass Watermelon Park Look
off English Road turn right Go to SW Churchill Court
turn left. House on left
 Type of Construction New Residential Number of Existing Dwellings on Property 0
 Total Acreage 1 Lot Size 144x300 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 75' Side 60' Side 36' Rear 215'
 Total Building Height 12' Number of Stories 1 Heated Floor Area 1152 Roof Pitch 4/12
10345 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 COMMENCEMENT 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 Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 27th day of December 2006.
 Personally known ✓ or Produced Identification

James R. Cox
 Contractor Signature
 Contractors License Number RAC 66502
 Competency Card Number
 NOTARY STAMP/SEAL
 BELINDA LAFFOON
 NOTARY PUBLIC - STATE OF FLORIDA
 COMMISSION # DD301751
 EXPIRES 3/26/2008
Belinda Lafoon
 Notary Signature

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 12-27-06

Lot 15 English Acres

(Address of Treatment or Lot/Block of Treatment)

Lake City, FL

City

Florida Pest Control & Chemical Co.

www.flapest.com

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

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

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

(Information to be provided to local building code offices prior to concrete foundation installation.)

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001288

DATE 01/05/2007 PARCEL ID # 16-5S-17-09267-015

APPLICANT LAVONNE COX PHONE 386.755.7200

ADDRESS 456 SE ERMINE STREET,STE. 101 LAKE CITY FL 32025

OWNER KIM WAGNER PHONE 38.758.1304

ADDRESS 151 SW CHURCHILL WAY LAKE CITY FL 32025

CONTRACTOR JAMES R. COX PHONE 386.755.7200

LOCATION OF PROPERTY 41-S TO WATERMELON PARK, TR ON ENGLISH RD, TO CHURCHILL CT,TL & THE
LOT IS ON THE L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ENGLISH ACRES 15

SIGNATURE

Lavonne Cox

INSTALLATION REQUIREMENTS

☒ X

Culvert size will be 18 inches in diameter with a total length 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

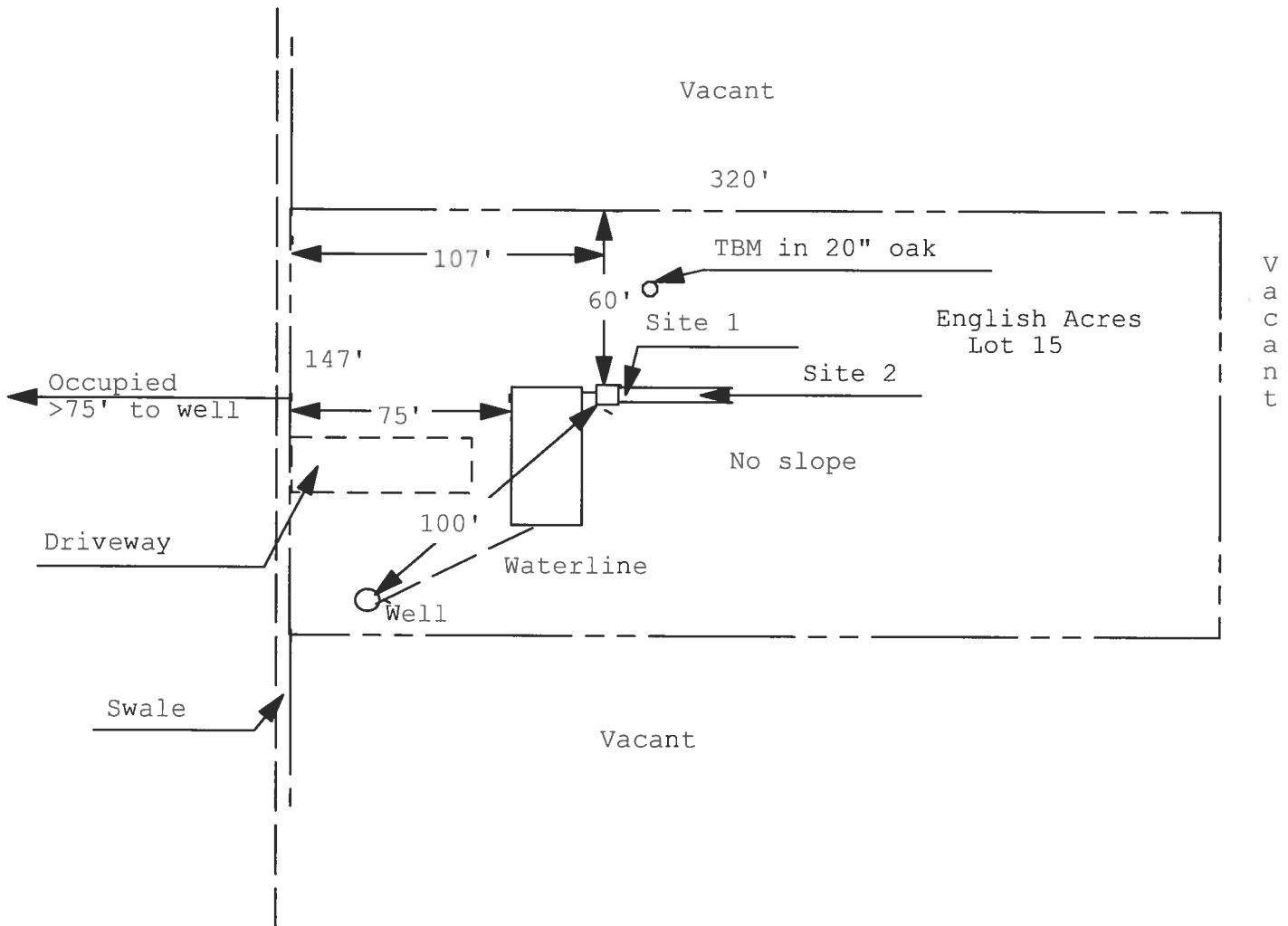
Amount Paid 25.00



Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 06-01133N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

WAGNER/CR 06-3709



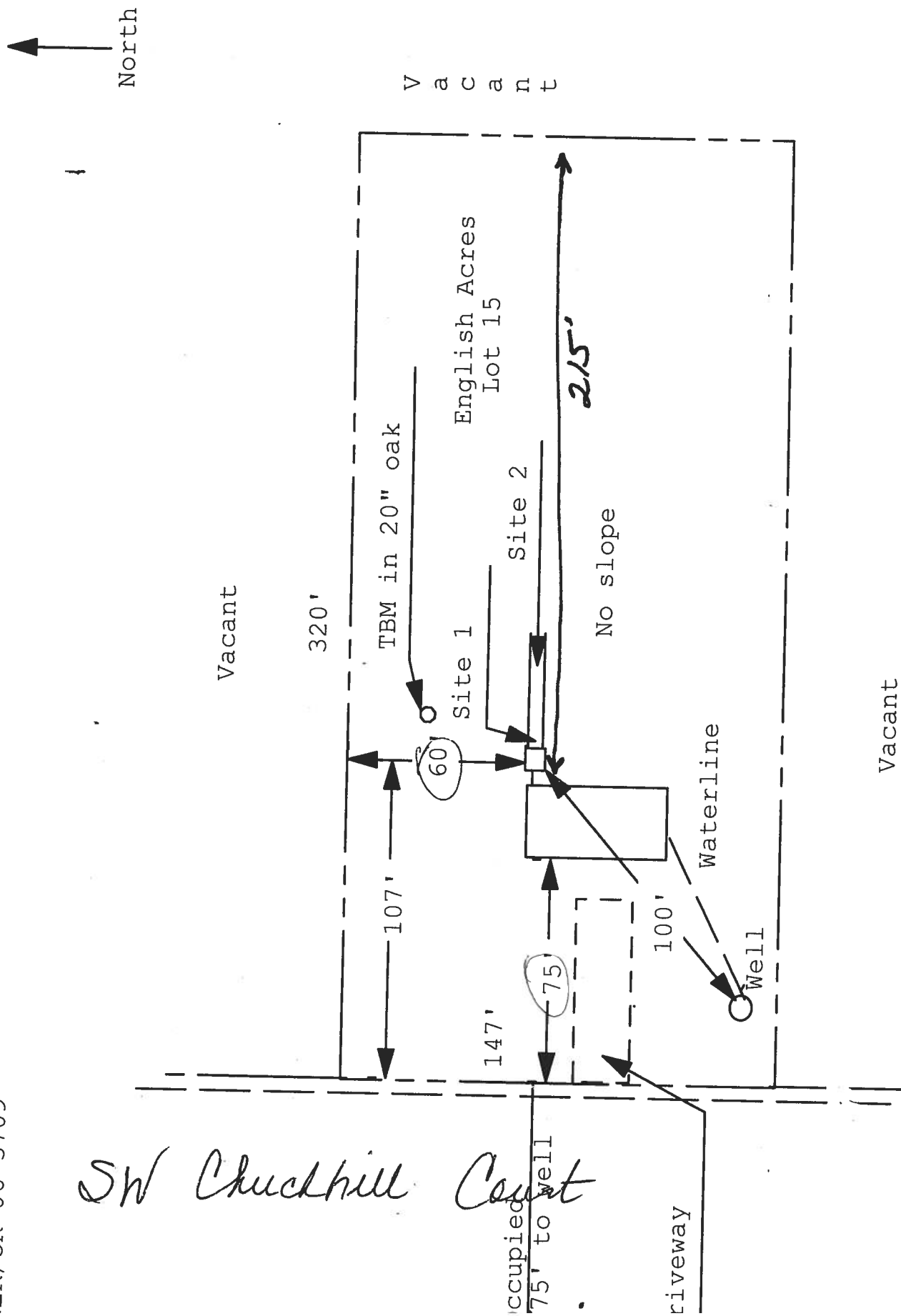
12/06/06 resite per C&S

1 inch = 60 feet

Site Plan Submitted By Paul Lopez Date 12/7/06
Plan Approved X Not Approved Date

By Salhi Maddy ESII 14-07 CPHU

Notes: Columbia CHD



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: 12/27/2006 DATE ISSUED: 12/27/2006

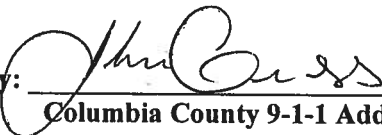
ENHANCED 9-1-1 ADDRESS:

151 SW CHURCHILL WAY
LAKE CITY FL 32025
PROPERTY APPRAISER PARCEL NUMBER:
16-5S-16-09267-015

Remarks:

LOT 15 ENGLISH ACRES S/D.

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.

Approved Address

559

DEC 27 2006

911Addressing/GIS Dept

This Instrument Prepared by & return to:
Name: KIM WATSON, an employee of
TITLE OFFICES, LLC
Address: 1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025
File No. 06Y-11013KW

Inst:2006030147 Date:12/27/2006 Time:10:26

Doc Stamp-Deed : 164.50

7-DC, P. DeWitt Cason, Columbia County B:1105 P:2130

Parcel I.D. #: 09267-015

SPACE ABOVE THIS LINE FOR PROCESSING DATA

THIS WARRANTY DEED Made the 20th day of December, A.D. 2006, by VALRIE LEWIS,
, hereinafter called the grantor, to TODD L. WAGNER and KIM A.
WAGNER, HIS WIFE, whose post office address is 2993 SE CR 18, LAKE CITY, FL 32025
hereinafter called the grantees:

(Wherever used herein the terms "grantor" and "grantees" 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 grantees all that certain land situate in Columbia County, State of Florida, viz:

Lot 15, ENGLISH ACRES, according to the map or plat thereof as recorded in Plat Book 4, Page 24,
of the Public Records of Columbia County, Florida.

THE ABOVE DESCRIBED PROPERTY IS NOT THE HOMESTEAD OF THE GRANTOR.

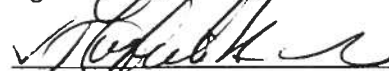
Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

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

And the grantor hereby covenants with said grantees that she is lawfully seized of said land in fee simple; that she 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

Hargrett Baigoric

Printed Name



Witness Signature

Anette Barquiel

Printed Name

 L.S.

VALRIE LEWIS

Address:

2270 SUNSHINE BLVD., MERRIMAC, FLORIDA
33023

STATE OF FLORIDA
COUNTY OF Orange

The foregoing instrument was acknowledged before me this 20th day of December, 2006, by VALRIE

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

Parcel I.D. #: 09267-015

Inst:2006030150 Date:12/27/2006 Time:10:26
DC, P. DeWitt Cason, Columbia County B:1105 P:2140

SPACE ABOVE THIS LINE FOR PROCESSING DATA

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

Lot 15, ENGLISH ACRES, according to the map or plat thereof as recorded in Plat Book 4, Page 24, of the Public Records of Columbia County, Florida.

2. General description of improvement: **construction of single family dwelling**

3. Owner information:

- a. Name and address:
KIM A. WAGNER AND TODD L. WAGNER
2993 SE CR 18, LAKE CITY, FLORIDA 32025
- b. Interest in property: **Fee Simple**
- c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)

C & S CONSTRUCTION
456 SE ERMINE AVE., LAKE CITY, FLORIDA 32025
Telephone Number: **(386) 755-7200**

5. Surety (if any):

- a. Name and Address:
Telephone Number: _____
- b. Amount of Bond \$ _____

6. Lender: (Name and Address)

USDA RURAL DEVELOPMENT
10094 US Hwy 129, Live Oak, Florida 32060
Telephone Number: _____

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)
N/A

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)

USDA RURAL DEVELOPMENT
10094 US Hwy 129, Live Oak, Florida 32060
Telephone Number: _____

Gaylord Pump & Irrigation, Inc.

P.O. Box 548

Brimford, N.J. 02008

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

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: 2K212 - THE JUDITH Address: City, State: LAKE CITY, FL Owner: C&S CONSTRUCTION Climate Zone: North	Builder: C&S CONSTRUCTION Permitting Office: Columbia Permit Number: 25370 Jurisdiction Number: 221006
---	---

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 type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%; text-align: center;">Description</td> <td style="width: 40%; text-align: center;">Area</td> </tr> <tr> <td colspan="3">(or Single or Double DEFAULT) 7a. (Dble Default) 58.4 ft² ☐</td> </tr> <tr> <td>b. SHGC:</td> <td></td> <td></td> </tr> <tr> <td colspan="3">(or Clear or Tint DEFAULT) 7b. (Clear) 58.4 ft² ☐</td> </tr> </table> 8. Floor types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 30%; text-align: center;">R=0.0, 144.0(p) ft</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> </table> 9. Wall types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 30%; text-align: center;">R=11.0, 1027.4 ft²</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>d. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>e. N/A</td> <td></td> <td>☐</td> </tr> </table> 10. Ceiling types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 30%; text-align: center;">R=30.0, 1152.0 ft²</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> </table> 11. Ducts <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Con. AH: Interior</td> <td style="width: 30%; text-align: center;">Sup. R=6.0, 120.0 ft</td> <td style="width: 40%;">☐</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> </table>	a. U-factor:	Description	Area	(or Single or Double DEFAULT) 7a. (Dble Default) 58.4 ft ² ☐			b. SHGC:			(or Clear or Tint DEFAULT) 7b. (Clear) 58.4 ft ² ☐			a. Slab-On-Grade Edge Insulation	R=0.0, 144.0(p) ft	☐	b. N/A		☐	c. N/A		☐	a. Frame, Wood, Exterior	R=11.0, 1027.4 ft ²	☐	b. N/A		☐	c. N/A		☐	d. N/A		☐	e. N/A		☐	a. Under Attic	R=30.0, 1152.0 ft ²	☐	b. N/A		☐	c. N/A		☐	a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft	☐	b. N/A		☐	12. Cooling systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Central Unit</td> <td style="width: 30%;"></td> <td style="width: 40%; text-align: right;">Cap: 22.4 kBtu/hr</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">SEER: 9.70</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> </table> 13. Heating systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Electric Heat Pump</td> <td style="width: 30%;"></td> <td style="width: 40%; text-align: right;">Cap: 22.9 kBtu/hr</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">HSPF: 6.60</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. N/A</td> <td></td> <td>☐</td> </tr> </table> 14. Hot water systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Electric Resistance</td> <td style="width: 30%;"></td> <td style="width: 40%; text-align: right;">Cap: 50.0 gallons</td> </tr> <tr> <td></td> <td></td> <td style="text-align: right;">EF: 0.93</td> </tr> <tr> <td>b. N/A</td> <td></td> <td>☐</td> </tr> <tr> <td>c. Conservation credits</td> <td></td> <td>☐</td> </tr> <tr> <td colspan="3">(HR-Heat recovery, Solar</td> </tr> <tr> <td colspan="3">DHP-Dedicated heat pump)</td> </tr> </table> 15. HVAC credits CF, ☐ (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	a. Central Unit		Cap: 22.4 kBtu/hr			SEER: 9.70	b. N/A		☐	c. N/A		☐	a. Electric Heat Pump		Cap: 22.9 kBtu/hr			HSPF: 6.60	b. N/A		☐	c. N/A		☐	a. Electric Resistance		Cap: 50.0 gallons			EF: 0.93	b. N/A		☐	c. Conservation credits		☐	(HR-Heat recovery, Solar			DHP-Dedicated heat pump)		
a. U-factor:	Description	Area																																																																																												
(or Single or Double DEFAULT) 7a. (Dble Default) 58.4 ft ² ☐																																																																																														
b. SHGC:																																																																																														
(or Clear or Tint DEFAULT) 7b. (Clear) 58.4 ft ² ☐																																																																																														
a. Slab-On-Grade Edge Insulation	R=0.0, 144.0(p) ft	☐																																																																																												
b. N/A		☐																																																																																												
c. N/A		☐																																																																																												
a. Frame, Wood, Exterior	R=11.0, 1027.4 ft ²	☐																																																																																												
b. N/A		☐																																																																																												
c. N/A		☐																																																																																												
d. N/A		☐																																																																																												
e. N/A		☐																																																																																												
a. Under Attic	R=30.0, 1152.0 ft ²	☐																																																																																												
b. N/A		☐																																																																																												
c. N/A		☐																																																																																												
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft	☐																																																																																												
b. N/A		☐																																																																																												
a. Central Unit		Cap: 22.4 kBtu/hr																																																																																												
		SEER: 9.70																																																																																												
b. N/A		☐																																																																																												
c. N/A		☐																																																																																												
a. Electric Heat Pump		Cap: 22.9 kBtu/hr																																																																																												
		HSPF: 6.60																																																																																												
b. N/A		☐																																																																																												
c. N/A		☐																																																																																												
a. Electric Resistance		Cap: 50.0 gallons																																																																																												
		EF: 0.93																																																																																												
b. N/A		☐																																																																																												
c. Conservation credits		☐																																																																																												
(HR-Heat recovery, Solar																																																																																														
DHP-Dedicated heat pump)																																																																																														

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: DM 12/20/05

DATE: 22 Dec 2005

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.	

Residential Whole Building Performance Method A - Details

PERMIT #:

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	X System Multiplier	X Credit Multiplier	= Heating Points	
						(DM x DSM x AHU)				
9898.7		0.6274	6210.4	10349.8	1.000	(1.060 x 1.169 x 0.93)	0.517	1.000	6162.4	
				10349.8	1.00	1.152	0.517	1.000	6162.4	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X WPM X WOF = Points				
.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	R-Value		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	1281.6	As-Built Total:		144.0		2707.2			
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
		1152.0	-0.59					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 (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	=	Cooling Points
14573.0	0.4266		6216.8	(sys 1: Central Unit 22400 btuh ,SEER/EFF(9.7) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS) 12162 1.00 (1.08 x 1.147 x 0.91) 0.352 0.950 4587.1 12162.5 1.00 1.128 0.352 0.950 4587.1						

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , LAKE CITY, FL,

PERMIT #:

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

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 EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)

Residential System Sizing Calculation

Summary

C&S CONSTRUCTION

Project Title:
2K212 - THE JUDITH

Code Only
Professional Version
Climate: North

LAKE CITY, FL

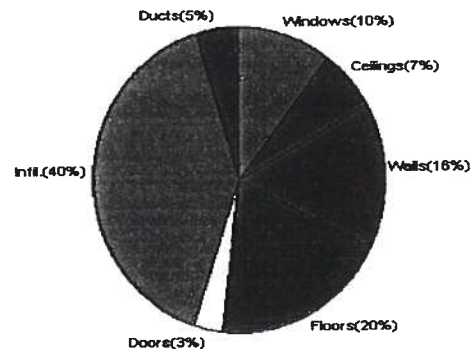
22-Dec-06

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)

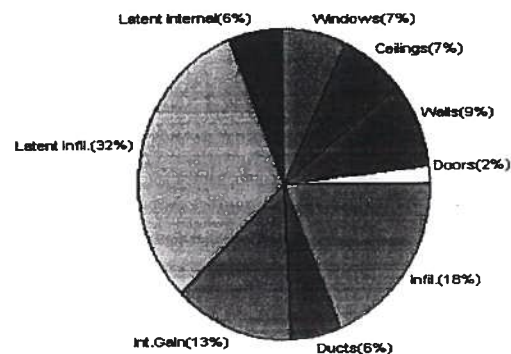
Load component	Load
Window total 85 sqft	2394 Btuh
Wall total 1027 sqft	3596 Btuh
Door total 40 sqft	733 Btuh
Ceiling total 1152 sqft	1498 Btuh
Floor total 144 ft	4550 Btuh
Infiltration 212 cfm	9076 Btuh
Subtotal	21847 Btuh
Duct loss	1092 Btuh
TOTAL HEAT LOSS	22939 Btuh



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: *[Signature]*

DATE: *22 Dec 2006*

System Sizing Calculations - Winter

Residential Load - Component Details

C&S CONSTRUCTION

Project Title:
2K212 - THE JUDITH

Code Only
Professional Version
Climate: North

LAKE CITY, FL

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

22-Dec-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 - Manual.J 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

Project Title:
2K212 - THE JUDITH

Code Only
Professional Version
Climate: North

LAKE CITY, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

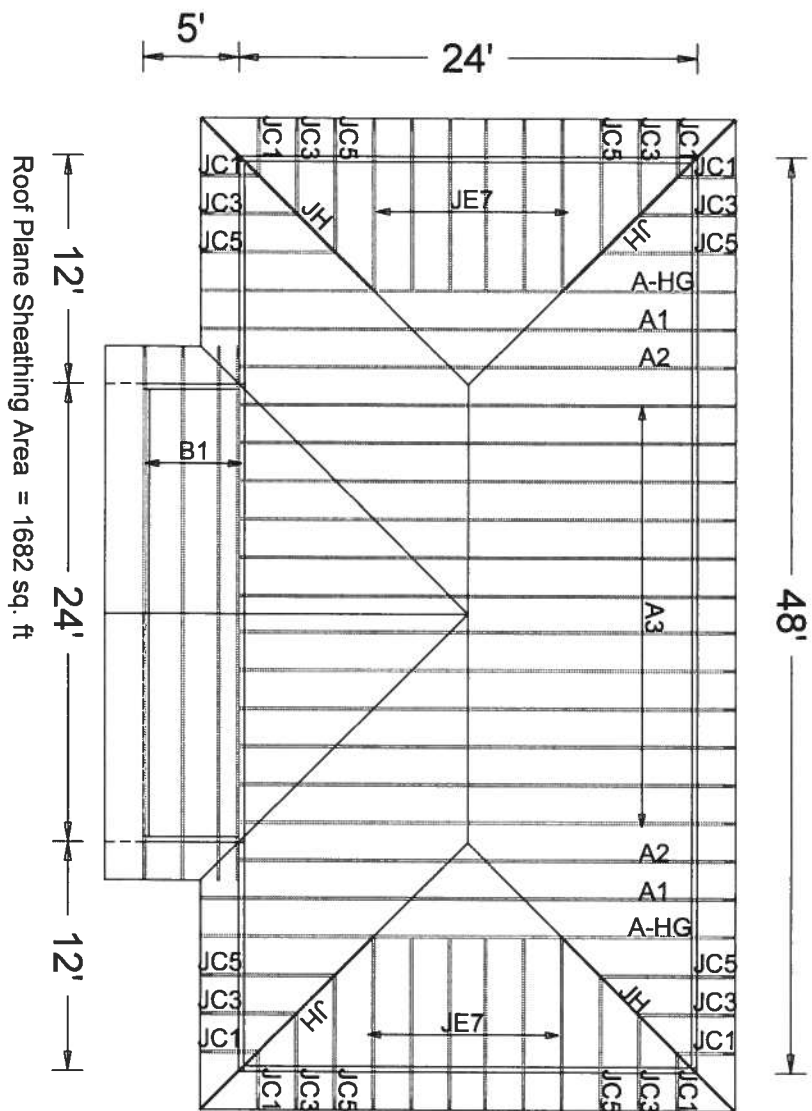
22-Dec-06

Window	Type	Overhang	Window Area(sqft)			HTM		Load		
	Panes/SHGC/U/InSh/ExSh Omt		Len	Hgt	Gross	Shaded	Unshaded		Shaded	Unshaded
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 1	Type	R-Value			Area		HTM		Load	
	Frame - Exterior	11.0			1027.4		1.9		1993 Btuh	
	Wall Total			1027.4				1993 Btuh		
Doors 1	Type	R-Value			Area		HTM		Load	
	Insulated - Exter				40.0		10.1		406 Btuh	
	Door Total			40.0				406 Btuh		
Ceilings 1	Type/Color	R-Value			Area		HTM		Load	
	Under Attic/Dark	30.0			1152.0		1.4		1636 Btuh	
	Ceiling Total			1152.0				1636 Btuh		
Floors 1	Type	R-Value			Size		HTM		Load	
	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)
(Omt - compass orientation)



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: Wise Job
Customer: C&S CONSTRUCTION
Designer: Chris McCall

JOB NO:
2670

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

Page 1 of 1 Document ID:1SPB215-Z0203165956

Truss Fabricator: W.B. Howland

Job Identification: 2670-/Wise Job /C&S CONSTRUCTION -- LAKE CITY, FL

Truss Count: 10

Model Code: Florida Building Code 2001

Truss Criteria: ANSI/TPI-1995(STD)

Engineering Software: Alpine Software, Version 6.33.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

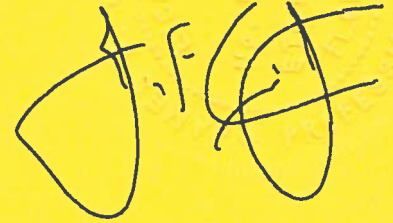
Floor - N/A

Wind - 110 MPH ASCE 7-98 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

No Standard Details



Seal Date: 08/03/2005

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

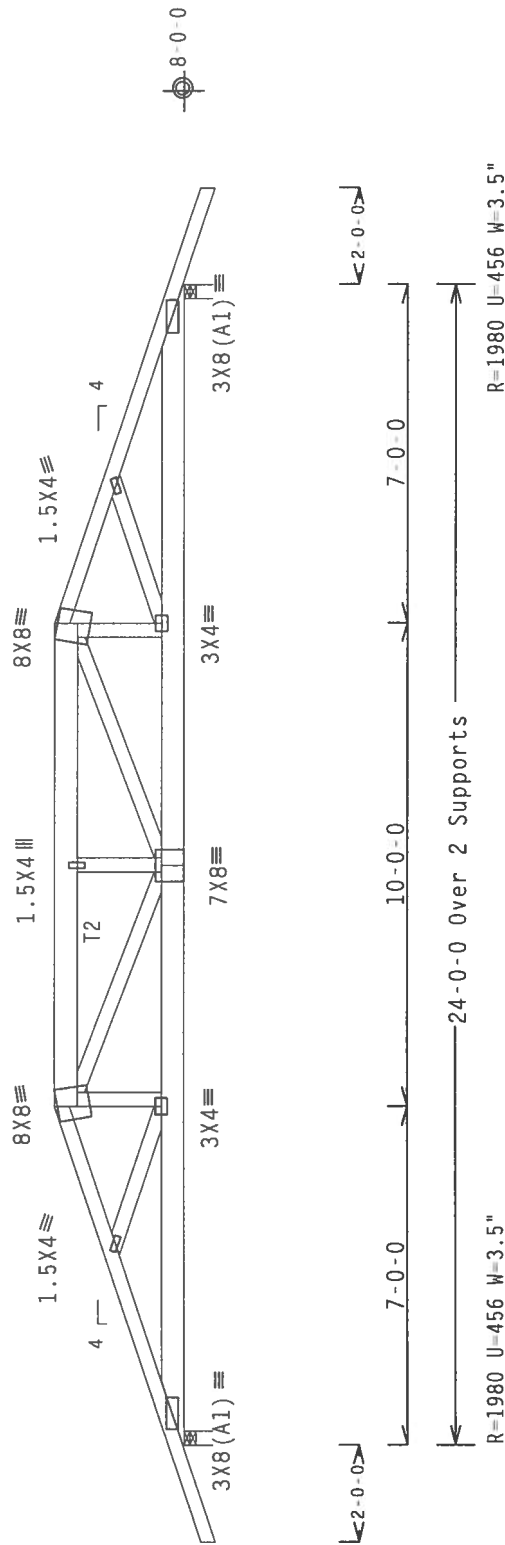
#	Ref	Description	Drawing#	Date
1	83596--A-HG		05215125	08/03/05
2	83597--A1		05215123	08/03/05
3	83598--A2		05215122	08/03/05
4	83599--A3		05215126	08/03/05
5	83600--B1		05215124	08/03/05
6	83601--JC1		05215128	08/03/05
7	83602--JC3		05215129	08/03/05
8	83603--JC5		05215120	08/03/05
9	83604--JE7		05215127	08/03/05
10	83605--JH		05215121	08/03/05



110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

The overall height of this truss excluding overhang is 27.15.



Design Crit: TPI(STD)/FLBC

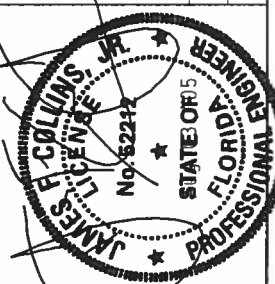
19.633

QTY: ~~2~~ FL/-/5/-/-/R/-

Scale = .25"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-3 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 983 D-CONOVER DR., SUITE 200, MADISON, WI 53719, AND WCA WOOD TRUSS FUNCTIONS OF AMERICA, 6300 ENTERPRISE LN., 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 SYSTEMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPECIFICATIONS FOR STEEL ARCH TRUSSES. CONNECTOR PLATES ARE MADE OF 20/18/16GA .0115 S275 ASTM A663 GRADE 40/60 W/ K/H/S GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND OTHERS OUTSIDE ALLOW ON THIS DESIGN. POSITION PER DIMENSIONS 160A-2. A SEAL ON THIS INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF TP11-2002 SEC.3. A SEAL ON THIS PROGRAMMING 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/TP1 1 SEC. 2.



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

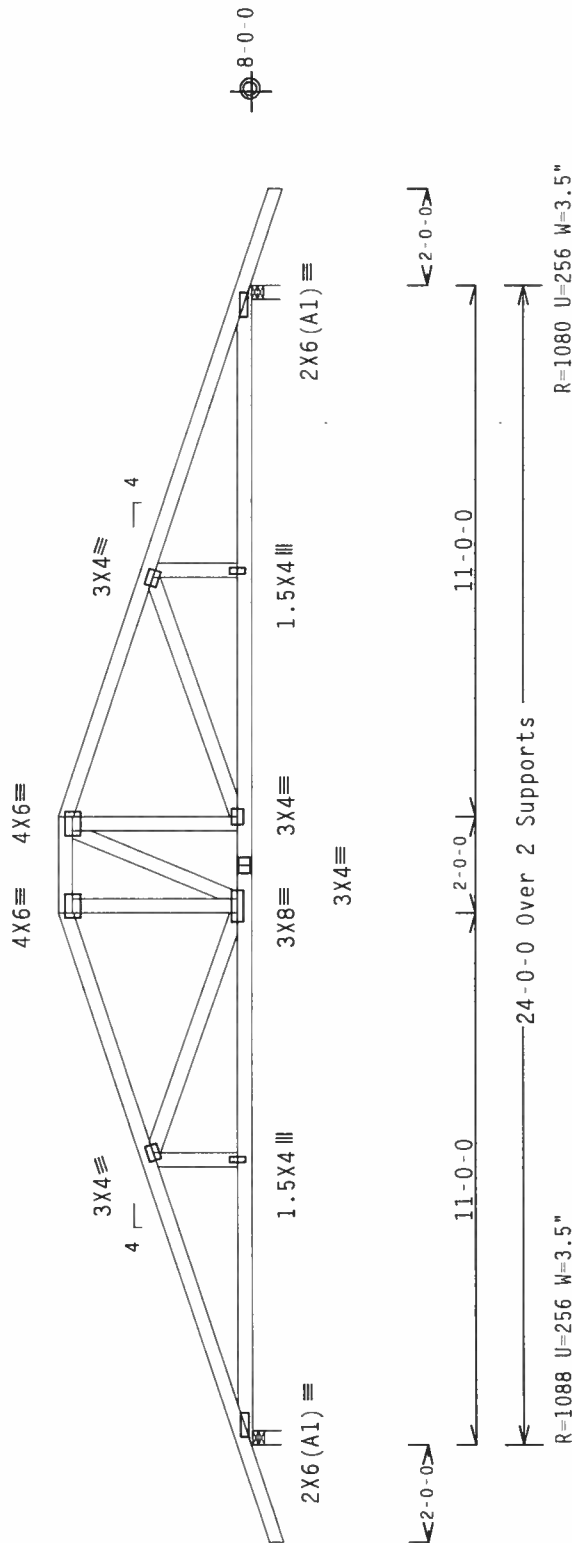
FL Certificate of Authorization # 567

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

110 mph wind, 9.83 ft mean hgt, ASE 7-98, 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 3-11-15.



PLT TYP.: Wave TPI

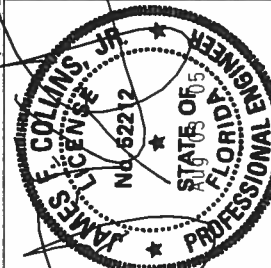
Design Crit: TPI-1995 (STD)

19.633

QTY: 2 FL/-15/-1-1R/-

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R215 --	83598
TC DL	10.0 PSF	DATE	08/03/05	
BC DL	10.0 PSF	DRW	HCUSR215	05215122
BC LL	0.0 PSF	HC-ENG	DAB/AP	*
TOT.LD.	40.0 PSF	SEQN -	33146	
OUR.FAC.	1.25	FROM	AD	
SPACING	24.0"	JREF -	1SPB215	Z02



*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE FOLLOWING INFORMATION IS FOR THE USER'S INFORMATION ONLY. FOR MORE INFORMATION, CONTACT THE TRUSS MANUFACTURER OR THE TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, LINDEN, MISSISSIPPI 39202. *TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

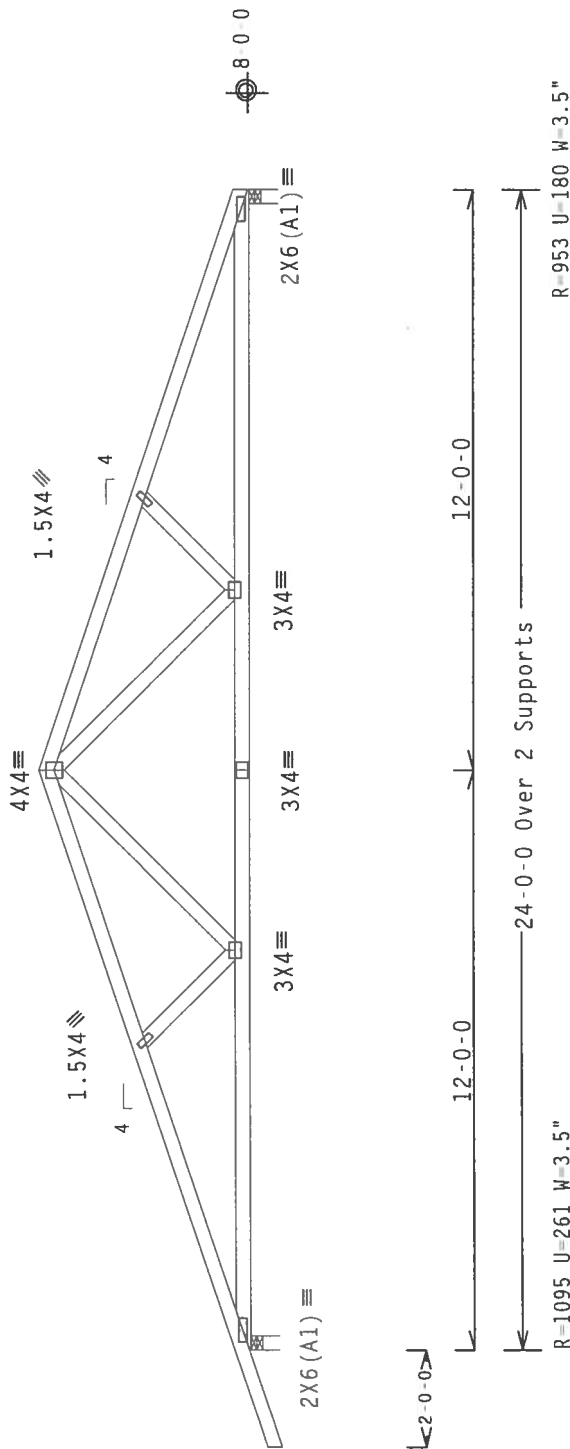
PRODUCTS, INC. "I CANNOT GIVE A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THIS TRUSS IS IN CONFORMANCE WITH TPI. I AM NOT RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. FOR STEEL AND STEEL ALLOY TRUSSES, PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. MY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-1 2002 SEC-3. A SEAL ON THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT, I AM PROVIDING THIS SEAL OF MY PROFESSIONAL RESPONSIBILITY. I AM NOT PROVIDING A SEAL FOR THE BUILDING DESIGNER PER ANNEX 1 TPI 1 SEC-2."

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

110 mph wind, 9.99 ft mean hgt, ASCE 7-98, 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.

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



PLT TYP. Wave TPI

Design Crit: TPI(STD)/FLBC

19.633

QTY:12 FL/-/5/-/-/R/-

Scale = .25"/Ft.

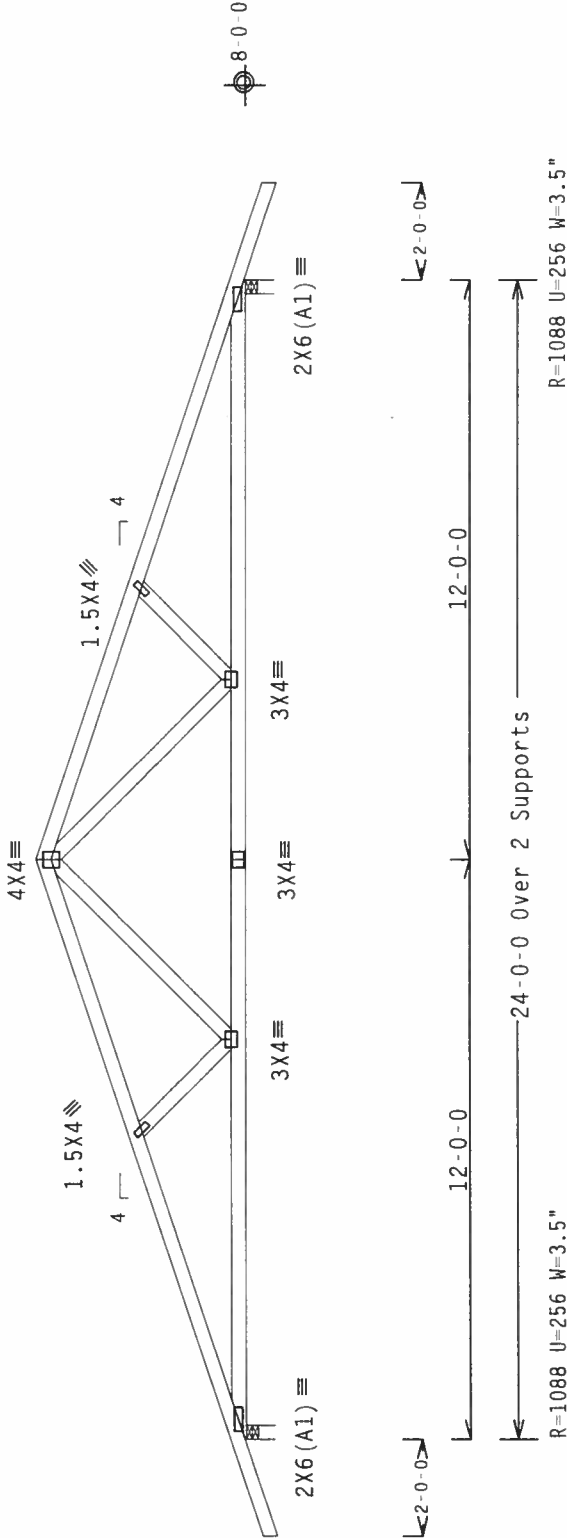
[illegible]

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

110 mph wind, 9.99 ft mean hgt, ASCE 7-98, 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 4'-3-15".



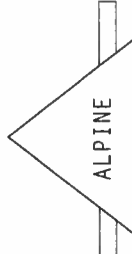
PLT TYP. Wave TPI

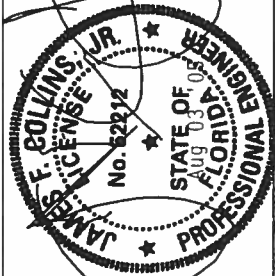
Design Crit: TPI(STD)

19.633

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

Scale = .25"/Ft.

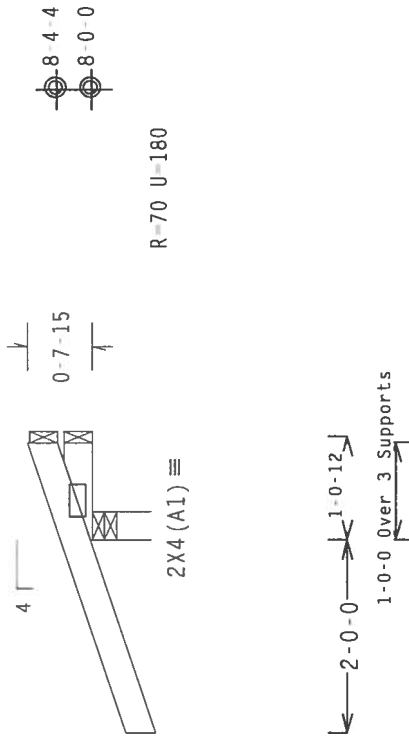
 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, 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.		TC LL	20.0 PSF	REF	R215--	83600
	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'S OR FABRICATOR'S INSTRUCTIONS, OR ANY FAILURE TO FOLLOW THE DESIGNER'S SPECIFICATIONS, SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC DL	10.0 PSF	DATE	08/03/05	
	ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		BC DL	10.0 PSF	DRW	HCUSR215	05215124
			BC LL	0.0 PSF	HC-ENG	DAB/AP	*
			TOT.LD.	40.0 PSF	SEQN-	32737	
			DUR.FAC.	1.25	FROM	AD	
			SPACING	24.0"	JREF-	1SPB215_Z02	



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

110 mph wind, 8.16 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

The overall height of this truss excluding overhang is 0-7-15.



R=70 U-180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FLBC

19.633

QTY: 8 FL / - / 5 / - / - / R / -

Scale = .5" / Ft.

 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, PHOENIX, AZ 85015) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR THE LATEST RECOMMENDATIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT** TURNISH 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 AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (N, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.						TC LL	20.0 PSF	REF	R215 -- 83601
		TC DL	10.0 PSF	DATE	08/03/05					
		BC DL	10.0 PSF	DRW	HCUSR215 05215128					
		BC LL	0.0 PSF	HC-ENG	DAB/AP					
		TOT.LD.	40.0 PSF	SEQN	32753					
		DUR.FAC.	1.25	FROM	AD					
		SPACING	24.0"	JREF	1SPB215_Z02					

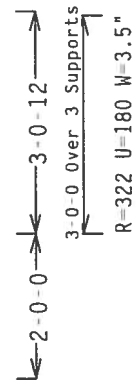
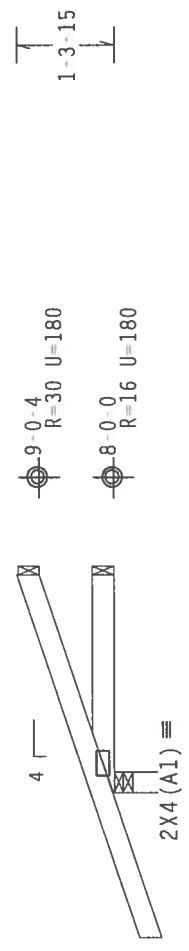
1 2070 /RISE 000 /LUGS CONNECTION LAME VALL, PL 000 /

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

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

110 mph wind, 8.49 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

The overall height of this truss excluding overhang is 13-15.



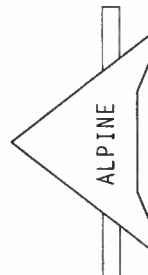
PLT TYP. Wave TPI

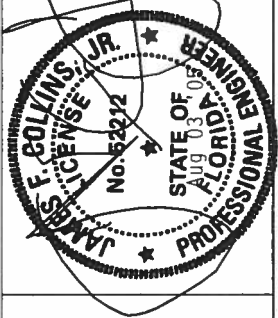
Design Crit: TPI(STD)/FLBC

19.633

QTY:8 FL/-/5/-/-/R/-

Scale = .375" /Ft.

 Alpine Engineered Products, Inc. 1930 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 BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'NEWELL DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, 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.		TC LL	20.0 PSF	REF	R215 --	83602
	IMPORTANT *URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. *ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. *THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. *DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TPI. *ALPINE DESIGNER PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (M, K/H/S) GALV. STEEL. *APPLY CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-2. *ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI 2002 SEC.3. *A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. *THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC DL	10.0 PSF	DATE	08/03/05	
			BC DL	10.0 PSF	DRW	HCUSR215	05215129
			BC LL	0.0 PSF	HC-ENG	DAB/AP	
			TOT.LD.	40.0 PSF	SEQN	32750	
			DUR.FAC.	1.25	FROM	AD	
		SPACING	24.0"	JREF	1SPB215_Z02		

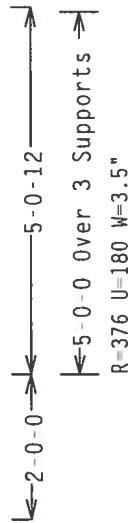
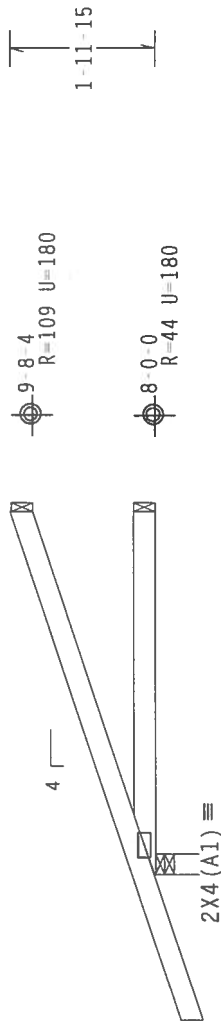


Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

110 mph wind, 8.83 ft mean hgt, ASCE 7-98, 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.

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



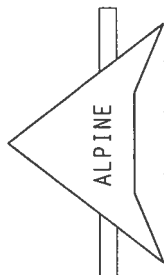
PLT TYP. Wave TPI

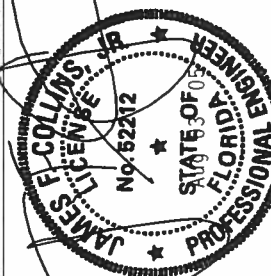
Design Crit: TPI(STD)/FLBC

19.633

QTY: 8 FL / - / 5 / - / R / -

Scale = .375" / Ft.

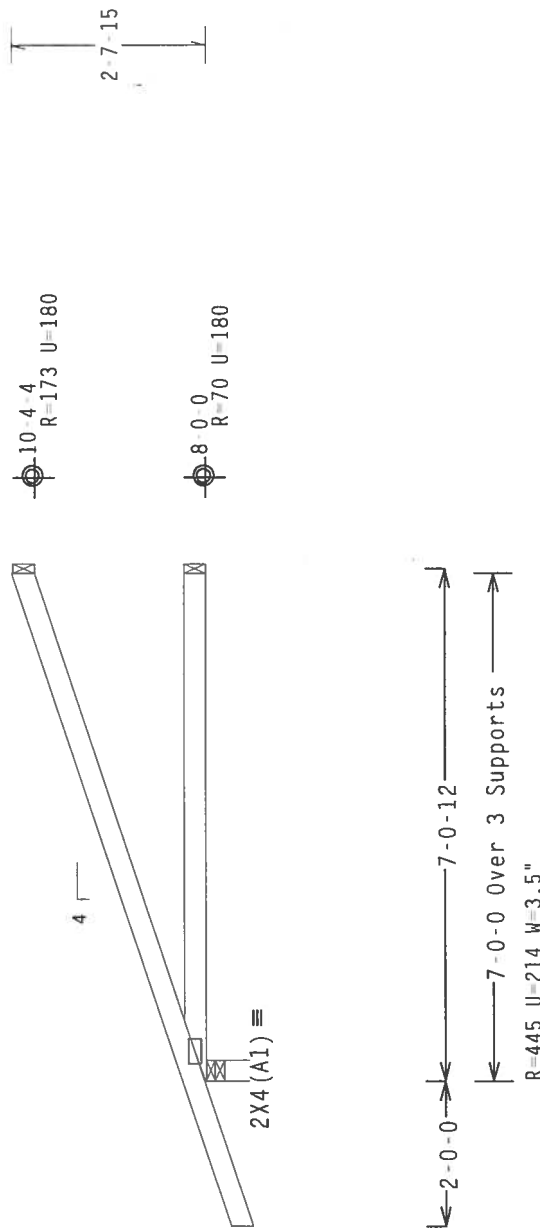
 Alpine Engineering Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 DUNDUFF DR., SUITE 200, FORT WORTH, TEXAS 76103, FOR THE FOLLOWING INFORMATION: 1. THE TRUSS DESIGNER HAS NOT INSPECTED THE TRUSS FOR CONSTRUCTION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS BEING CONSTRUCTED IN ACCORDANCE WITH THE DESIGN. 2. THE TRUSS MANUFACTURER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.			TC LL	20.0 PSF	REF	R215 --	83603
	IMPORTANT TURNISH 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 AEP) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W, H, S, K) ASTM A653 GRADE 40/60 (W, K, H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.			TC DL	10.0 PSF	DATE	08/03/05	
				BC DL	10.0 PSF	DRW	HCUSR215	05215120
				BC LL	0.0 PSF	HC-ENG	DAB/WHK	
				TOT.LD.	40.0 PSF	SEQN	32747	
				DUR.FAC.	1.25	FROM	AD	
				SPACING	24.0"	JREF - 1SPB215_Z02		



110 mph wind, 9.16 ft mean hgt, ASCE 7 98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, 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 2-7-15.



PLT TYP. Wave TPI

Design Crit: TPI (STD) / FLBC

19.633

QTY:12 FL/-/5/-/1-/R/-

Scale = .375" / Ft.

WARNING	TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILT-UP COMPOSITE TRUSS SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 ORION DRIVE, SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., 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.	TC LL 20.0 PSF	REF R215 -- 83604
		TC DL 10.0 PSF	DATE 08/03/05
		BC DL 10.0 PSF	DRW HCUSR215 05215127
		BC LL 0.0 PSF	HC-ENG DAB/AP
		TOT.LD. 40.0 PSF	SEQN - 32744
		DUR.FAC. 1.25	FROM AD
		SPACING 24.0"	JREF- 1SPB215_Z02

****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 IT, OR PROVIDE FABRICATING ANGLE IRON STEEL, INSTALLING BRACING OF TRUSSES, DESIGN CONFORMANCE WITH CODE, PROVIDE FABRICATING ANGLE IRON STEEL, INSTALLING BRACING OF TRUSSES, CORRECT TO FLAT FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z, MAY BE INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEAL A3 OF TP11-2002 SEC 3. A SEAL ON THIS ANNAMING 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 AMSI/TP1 1 SEC. 2.



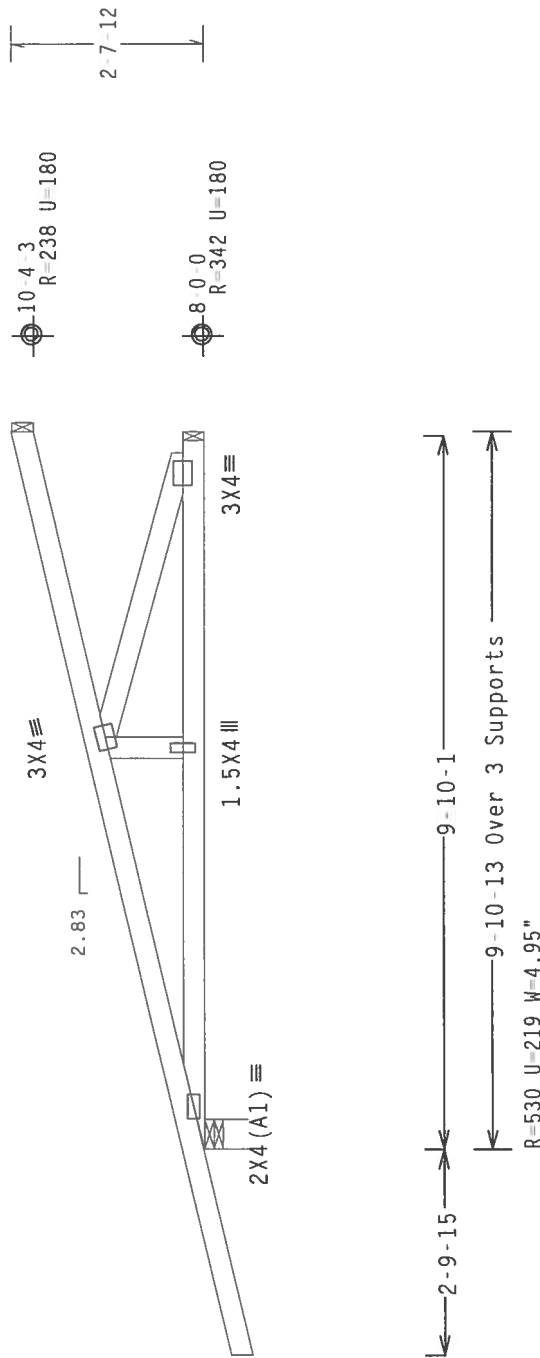
ALPINE

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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 (STD)/FLBC

19.633

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

Scale = .375"/Ft.

ALPINE

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

Imp

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, MI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, MI 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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALL BUILDING CODES AND THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI (TRUSS PLATE INSTITUTE). CONECTOR PLATES ARE MADE OF 20/18/16GA (W./I./S./K) A518M ASIM GRADE 40/60 (M, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1 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.

REF	R215--	83605	
DATE	08/03/05		
DRW	HCUSR215	05215121	
HC-ENG	DAB/AP		
SEQN-	32741		
FROM	AD		
DUR.	FAC.	1.25	
SPACING	24.0"		
TG LL	20.0 PSF		
TC DL	10.0 PSF		
BC DL	10.0 PSF		
BC LL	0.0 PSF		
TOT.LD.	40.0 PSF		

CENTERLINE COMPANY
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 16-5S-17-09267-015

Building permit No. 000025370

Use Classification SFD/UTILITY

Fire: 39.06

Permit Holder JAMES R. COX

Waste: 117.25

Owner of Building KIM & TODD WAGNER

Total: 156.31

Location: 151 SW CHURCHILL WAY

Date: 03/15/2007

Fanny Dicko

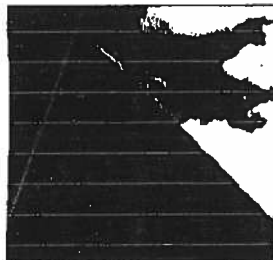
Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)





ELK



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size	13½"x 39 ½"	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*.
Exposure	5½"	
Pieces/Bundle	16	
Bundles/Square	4/98.6 sq.ft.	
Squares/Pallet	11	

Raised Profile

Product size	13½"x 38"	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*.
Exposure	5½"	
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Prestique I *High Definition*

Product size	13½"x 39½"	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*.
Exposure	5½"	
Pieces/Bundle	16	
Bundles/Square	4/98.6 sq.ft.	
Squares/Pallet	14	

HIP AND RIDGE SHINGLES

Seal-A-Ridge™ w/FLX™

Size: 12"x 12"

Exposure: 8½"

Pieces/Bundle: 45

Coverage: 4 Bundles = 100 linear feet

Prestique *High Definition*

Product size	13½"x 38"	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*.
Exposure	5½"	
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

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, Weatheradwood, Shakeswood, Seblswood, 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 Seblswood.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 897) 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 specified

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 followed.

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.

materials 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

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

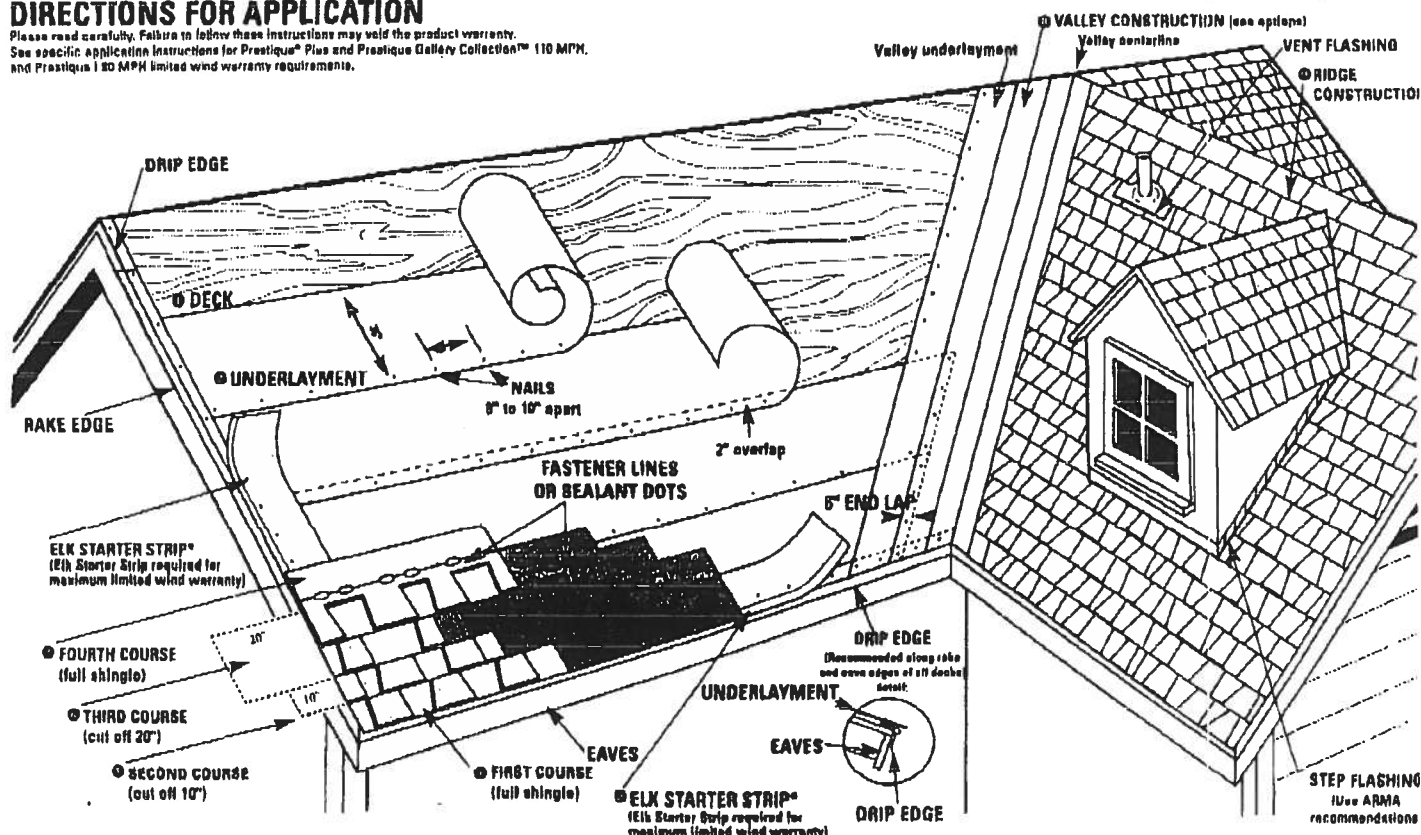
PLANT LOCATION:
800.945.5545

ELK 
www.elkcorp.com
SS0007 01 02

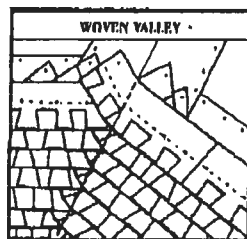
TUSCALOOSA, AL

DIRECTIONS FOR APPLICATION

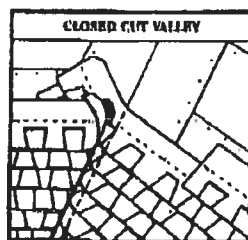
Please read carefully. Failure to follow these instructions may void the product warranty. See specific application instructions for Prestique® Plus and Prestique Gallery Collection™ 110 MPH, and Prestique 120 MPH limited wind warranty requirements.



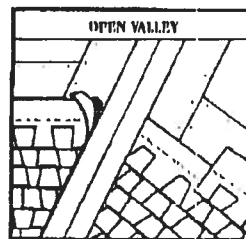
● **VALLEY CONSTRUCTION OPTION** (California Open and California Closed are also acceptable) NOTE: For complete ARMA valley installation details, see ARMA Residential Asphalt Roofing Manual



VALLEY CENTER LINE



VALLEY CENTER LINE



VALLEY CENTER LINE

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 eaves should be properly ventilated. Note: It is not necessary to remove tape on back of shingles.

● 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" chipboard.

● 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 18". 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 end

● 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.

● 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 nail). No nails are to be within 6" of valley center.

● 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.

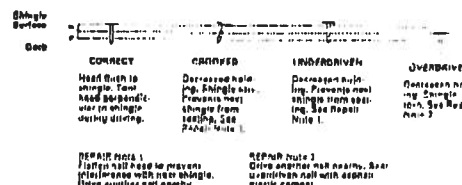
Always nail or staple through the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/8" 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, 18-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 Rajad 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

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.

⑥ 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.

⑦ 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.

⑧ SECOND COURSE

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

⑨ THIRD COURSE

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

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 8 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.

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.

© 2002 Elk Corporation of Dallas.

All trademarks, ®, are registered trademarks of Elk Corporation of Dallas, an LLCRI company. Raised Profile, Ridgecrest, Gallery Collection and ELK are trademarks pending registration of Elk Corporation of Dallas. UL is a registered trademark of Underwriters Laboratories, Inc.

ELK 

www.elkcorp.com

FLORIDA DEPARTMENT OF Community Affairs



[BCIS Home](#) |
 [Log In](#) |
 [Hot Topics](#) |
 [Submit Surcharge](#) |
 [Stats & Facts](#) |
 [Publications](#) |
 [FBC Staff](#) |
 [B...](#)



Product Approval

USER: Public User

[Product Approval Menu](#) >
 [Product or Application Search](#) >
 [Application List](#)

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 601

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
© 2000-2005 The State of Florida. All rights reserved. Copyright and Discl.
Product Approval Accepts:



FLORIDA DEPARTMENT OF Community Affairs



[BCIS Home](#) |
 [Log In](#) |
 [Hot Topics](#) |
 [Submit Surcharge](#) |
 [Stats & Facts](#) |
 [Publications](#) |
 [FBC Staff](#) |
 [B...](#)



Product Approval

USER: Public User

[Product Approval Menu](#) >
 [Product or Application Search](#) >
 [Application List](#)

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

© 2000-2005 The State of Florida. All rights reserved. Copyright and Discl.

Product Approval Accepts:



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
☒	☐	<u>Site Plan including:</u> 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
☒	☐	<u>Wind-load Engineering Summary, calculations and any details required</u> a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m^2), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☒	☐	<u>Elevations including:</u> a) All Sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation
☒	☐	
☒	☐	
☒	☐	

N/A

☐
☐

- 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 accessibility requirements (accessible bathroom)

N/A

☐

N/A

☐

☒

☐

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)

N/A

☐

Wall Sections including:

N/A

☐

- a) Masonry wall
 - 1. All materials making up wall
 - 2. Block size and mortar type with size and spacing of reinforcement
 - 3. Lintel, tie-beam sizes and reinforcement
 - 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 continuous 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 (termicide 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 reinforcement and supports

11. Indicate where pressure-treated 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 continuous 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, fastening requirements and product evaluation with wind resistance rating)
- 8. Fire resistant construction (if required)
- 9. Fireproofing requirements
- 10. Show type of termite treatment (termiteicide 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 reinforcement or welded wire fabric reinforcement and supports
- 12. Indicate where pressure treated wood will be placed
- 13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

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 Permit 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 Suwannee or Santa Fe Rivers shall require 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).

FLOOD ZONE "X"

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