DATE 06/20/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025941

APPLICANT LAVONNE COX PHONE 386.755.7200

ADDRESS 456 SE ERMINE AVENUE LAKE CITY FL 32025

OWNER ANGELA HUDAK PHONE 386.867.3233

ADDRESS 585 SE ANDREWS DRIVE LAKE CITY FL 32025

CONTRACTOR JAMES R. COX PHONE 386.755.7200

LOCATION OF PROPERTY 90-E TO SR 100,TR TO C-245A,TR TO ANDREWS DRIVE,TR AND IT'S @ THE CORNER OF TEVIS & ANDREWS DRIVE.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 68650.00

HEATED FLOOR AREA 1373.00 TOTAL AREA 1404.00 HEIGHT 12.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO.

PARCEL ID 14-4S-17-08346-043 SUBDIVISION PRICE CREEK UNREC.

LOT 4 BLOCK PHASE UNIT TOTAL ACRES 0.97

000001398 RR0066502 LaVonne Cox

Culvert Permit No. | Culvert Waiver | Contractor's License Number | Applicant/Owner/Contractor

18"X32'MITERED 07-0473-N BLK JTH N

Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident

COMMENTS: SECTION 2.3.1 LEGAL NON-CONFORMING LOT OF RECORD. 1 FOOT ABOVE ROAD. TERMITE REPORT REC'D.

Check # or Cash 10761

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power ____ date/app. by

Foundation ____ date/app. by

Monolithic (footer/Slab) ____ date/app. by

Under slab rough-in plumbing ____ date/app. by

Slab ____ date/app. by

Sheathing/Nailing ____ date/app. by

Framing ____ date/app. by

Rough-in plumbing above slab and below wood floor ____ date/app. by

Electrical rough-in ____ date/app. by

Heat & Air Duct ____ date/app. by

Peri. beam (Lintel) ____ date/app. by

Permanent power ____ date/app. by

C.O. Final ____ date/app. by

Culvert ____ date/app. by

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

Pool ____ date/app. by

Reconnection ____ date/app. by

Pump pole ____ date/app. by

Utility Pole ____ date/app. by

M/H Pole ____ date/app. by

Travel Trailer ____ date/app. by

Re-roof ____ date/app. by

BUILDING PERMIT FEE $ 345.00 CERTIFICATION FEE $ 7.02 SURCHARGE FEE $ 7.02

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 459.04

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

10761

For Office Use Only Application # 0706-24 Date Received 6/8 By JW Permit # 13981 25941

Application Approved by - Zoning Official BLK Date 20.06.07 Plans Examiner OK - JTH Date 6-13-07

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

Comments Section 2.3.1 Legal Non-Conform Lot of Record

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

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

Address 456 SE Ermine Ave. Lake City, FL. 32025 Phone 386-255-7200

Owners Name Angela Hudak Phone 386-867-3233

911 Address 585 SE Andrews Drive 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 N/A

Bonding Co. Name & Address N/A

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

Mortgage Lenders Name & Address USDA/RHS + SHIP 386-362-3055

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

Property ID Number 14-4S-17-08346-043 Estimated Cost of Construction 92,000.00

Subdivision Name Price Creek unrecorded SID Lot 4 Block ____ Unit ____ Phase ____

Driving Directions Take Hwy 90 East to 100 turn R. go to 245A make a Right. Go to Andrews Drive make a right Lot at Corner of SE Ermine Ave.

Type of Construction new residential Number of Existing Dwellings on Property None

Total Acreage .97 Lot Size ____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 30' Side 58' Side 50' Rear 215'

Total Building Height 12' Number of Stories 1 Heated Floor Area 1373 TOTAL 1404 Roof Pitch 5/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

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

James R. Cox
Contractor Signature
Contractors License Number RR0066502
Competency Card Number 5476
NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 4th day of June 2007.

Personally known ✓ or Produced Identification ____

Belinda Laffoon
Notary Signature

BELINDA LAFFOON
NOTARY PUBLIC - STATE OF FLORIDA
COMMISSION # DD380731
EXPIRES 3/26/2008
BONDED THRU 1-888-NOTARY1

(Revised Sept. 2006)

JW ADVISED LAVONNE 6-20-07

FORM 104 WARRANTY DEED (Statutory Form)

executive line

This Indenture,

(The terms "grantor" and "grantee" herein shall be construed to include all genders and singular or plural as the context indicates)

88 12750

88 DEC 30 PM 4:24

Made this 30th day of December, 1988

THOMAS S. TRAMEL, III.

of the County of Columbia, State of Florida, grantor, and

WALTER S. NESSMITH a/k/a STANLEY NESSMITH and his wife, PEGGY NESSMITH

whose post-office address is 412 Defender Avenue, Lake City, FL 32055
of the County of Columbia, State of Florida, grantee,

Witnesseth: That said grantor, for and in consideration of the sum of TEN AND NO/100---- Dollars, and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs, successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

TOWNSHIP 4 SOUTH - RANGE 17 EAST

Section 14: Commence at a point on the South right-of-way line of Andrew Road where the East right-of-way line of Bradley Court intersects said South right-of-way line of Andrew Road (all roads herein mentioned existing as described in Deed recorded in Official Records Book 270, page 276), and run N 89°44'29" E along the South right-of-way line of said Andrew Road 467.49 feet to the Point of Beginning; thence continue N 89° 44'29" E along the South right-of-way line of Andrew Road a distance of 155.83 feet to the intersection of the West right-of-way line of Tevis Road; thence S 0°51'07" E along the West right-of-way line of Tevis Road 279.54 feet; thence S 89°44'29" W 148.40 feet; thence N 2 22'52" W 279.54 feet to the South right-of-way line of Andrew Road and the Point of Beginning.

OR 0672 PG 0177

OFFICIAL RECORDS

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

In Witness Whereof, Grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

Delia J. Lewis

Robin Smalley

Thomas S. Tramel III (Seal)
THOMAS S. TRAMEL, III.

(Seal)

DOCUMENTARY STAMP 33.00 (Seal)
INTANGIBLE TAX -0- (Seal)
P. DeWITT CASON, CLERK OF COURTS, COLUMBIA COUNTY
BY M.S. George

STATE OF FLORIDA
COUNTY OF COLUMBIA

I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgments, personally appeared

THOMAS S. TRAMEL, III.

to me known to be the person(s) described in and who executed the foregoing instrument and acknowledged before me the execution of same.

WITNESS my hand and official seal in the County and State last aforesaid this 30th day of December, 1988

Delia J. Lewis
Notary Public
My commission expires: _____

SUNSHINE LEGAL SUPPLY CO. INC. - ORLANDO FLORIDA

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001398

DATE 06/20/2007 PARCEL ID # 14-4S-17-08346-043

APPLICANT LAVONNE COX PHONE 755.7200

ADDRESS 456 SE ERMINE STREET LAKE CITY FL 32025

OWNER ANGELA HUDAK PHONE 386.867.3233

ADDRESS 585 SE ANDREWS DRIVE LAKE CITY FL 32025

CONTRACTOR JAMES R. COX PHONE 386.755.7200

LOCATION OF PROPERTY 90-E TO SR 100,TR TO C-245-A TO ANDREWS DRIVE,TR IT'S @ THE CORNER OF TEVIS & ANDREWS.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PRICE CREEK UNREC. 4

SIGNATURE LaVonne Cox

INSTALLATION REQUIREMENTS

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

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

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

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

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

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

Amount Paid 25.00

COLUMBIA COUNTY INSPECTION SHEET

DATE 07/05/2007 TAKEN BY JW **INSPECTION DATE:** 7.9.07

BUILDING PERMIT # 000025941 **CULVERT / WAIVER PERMIT #** 000001398 **WAIVER** ____

PARCEL ID # 14-4S-17-08346-043 ZONING A-3

TYPE OF DEVELOPMENT SFD/UTILITY

SETBACKS: FRONT 30.00 REAR 25.00 SIDE 25.00 HEIGHT 12.00

FLOOD ZONE XPS SEPTIC 07-0473-N NO. EXISTING D.U. 0

SUBDIVISION PRICE CREEK UNREC. Lot 4 Block ___ Unit ___ Phase ___

OWNER ANGELA HUDAK PHONE 386.867.3233

ADDRESS 585 SE ANDREWS DRIVE LAKE CITY FL 32025

CONTRACTOR JAMES R. COX PHONE 386.755.7200

LOCATION 90-E TO SR 100,TR TO C-245A,TR TO ANDREWS DRIVE,TR AND IT'S @ THE CORNER OF TEVIS & ANDREWS DRIVE.

COMMENTS: SECTION 2.3.1 LEGAL NON-CONFORMING LOT OF RECORD. 1 FOOT ABOVE ROAD.

TERMITE REPORT REC'D. NOC ON FILE

INSPECTION(S) REQUESTED:

____Temp Power ____ ✓ Foundation ____ ✓ Set backs ____

____ Mono Slab ____ ____Under Slab Rough-in ____ ____Slab ____

____ Sheathing/Nailing ____ ____Framing ____ ____Other ____

____ Above slab Rough-in ____ ____Electrical Rough-in ____

____Heat & A/C ____ ____ Beam (Lintel)____ ____Perm Power____

____ CO Final____ ____ Culvert ____ ____ Reconnection____

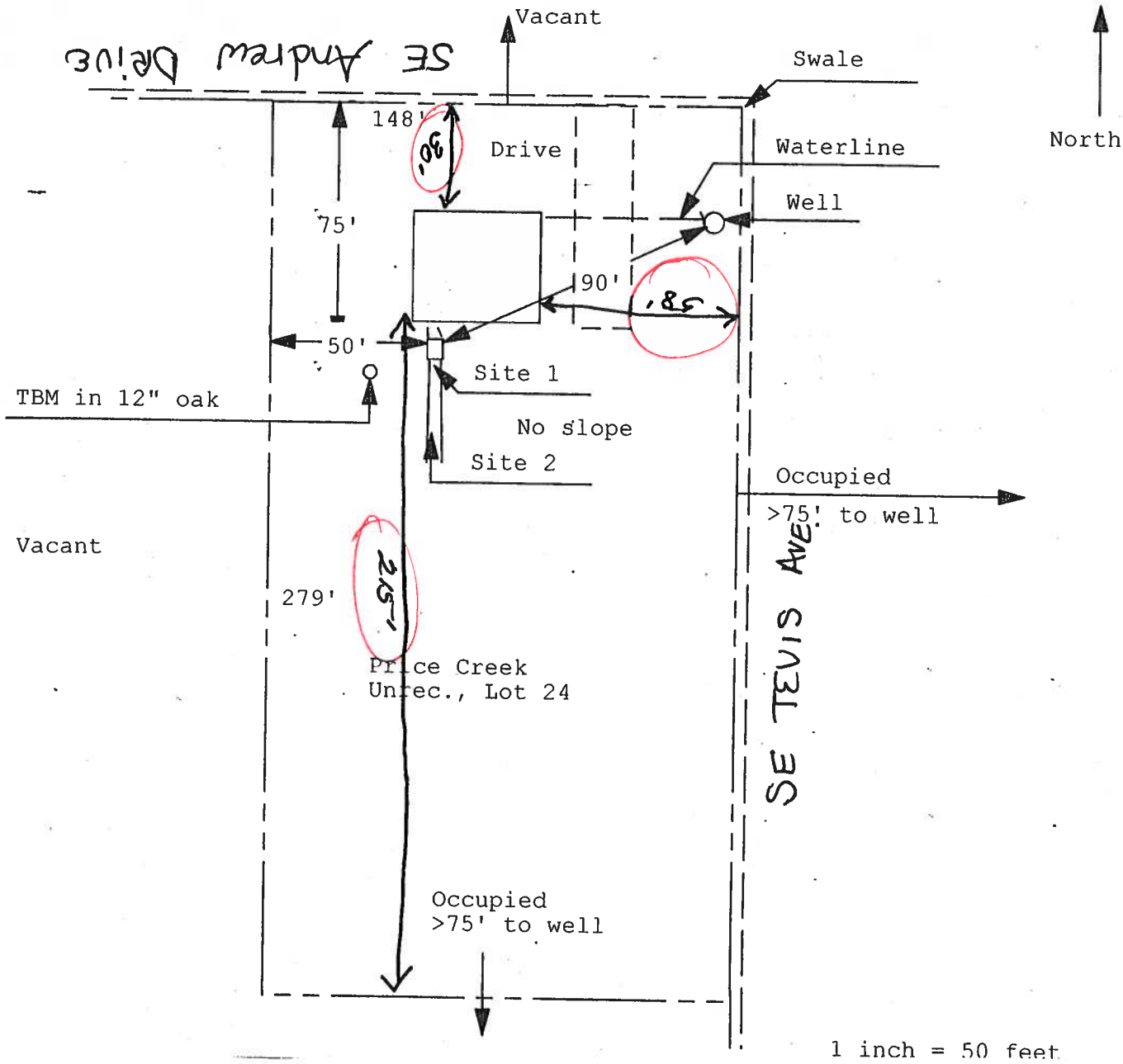
____ Pool____ ____ MH Perm Power____ ____ Utility Pole____

____ RV Power____ ____ Re-Roof____ ____ MH Pole ____

INSPECTORS:

APPROVED ____ NOT APPROVED ____ BY ____ POWER CO. FPL

INSPECTORS COMMENTS: ____


SE Andrew Drive
Vacant
Swale
North
148'
.06
Drive
Waterline
Well
75'
90'
.85
50'
Site 1
TBM in 12" oak
No slope
Site 2
Occupied
>75' to well
Vacant
279'
.25
Price Creek
Unrec., Lot 24
SE TEVIS AVE.
Occupied
>75' to well
1 inch = 50 feet

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

File Number: 07-119

Inst:200712012221 Date:6/4/2007 Time:3:24 PM
Doc Stamp-Deed:252.00
DC,P.DeWitt Cason ,Columbia County B:1120 P:2352

General Warranty Deed

Made this May 24, 2007 A.D. By **Walter Stan Nessmith, aka Stanley Nessmith and Peggy Nessmith, husband and wife**, 114 Crossgate Dr., Elmore, AL 36025-1014, hereinafter called the grantor, to **Angela M. Hudak, an unmarried woman**, whose post office address is: 716 SE St. Johns Street, Lake City, FL 32025, hereinafter called the grantee:

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

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

Lot 24, Price Creek unrecorded subdivision, more described as follows:
Section 14, Township 4 South, Range 17 East:
Commence at a point on the South right of way line of Andrew Road where the East right-of-way line of Bradley Court intersects said South right-of-way line of Andrew Road (all roads herein mentioned existing as described in Deed recorded in Official Records Book 270, Page 276), and run North 89 degrees 44'29" East along the South right-of-way line of said Andrew Road 467.49 feet to the Point of Beginning; thence continue North 89 degrees 44'29" East along the South right-of-way line of Andrew Road a distance of 155.83 feet to the intersection of the West right-of-way line of Tevis Road; thence South 0 degrees 51'07" East along the West right-of-way line of Tevis Road 279.54 feet; thence South 89 degrees 44'29" West 148.40 feet; thence North 2 degrees 22'52" West 279.54 feet to the South right-of-way line of Andrew Road and the Point of Beginning, all lying in Columbia County, Florida.

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

Parcel ID Number: **14-4S-17-08346-043**

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

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

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

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

Signed, sealed and delivered in our presence:

Witness Printed Name Marion Harrison, Jr. USN

Witness Printed Name Gayle Long

Walter Stan Nessmith, aka Stanley Nessmith (Seal)
Address: 114 Crossgate Dr., Elmore, AL 36025-1014

Peggy Nessmith (Seal)
Address: 114 Crossgate Dr., Elmore, AL 36025-1014

State of ~~Florida~~ Alabama
County of Montgomery

The foregoing instrument was acknowledged before me this 24th day of May, 2007, by Walter Stan Nessmith, aka Stanley Nessmith and Peggy Nessmith, husband and wife, who is/are personally known to me or who has produced Alabama ID as identification.

Notary Public
Print Name: ELVA JEWEL HARRIS
My Commission Expires: 12 MAY 2011

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

NOTICE OF COMMENCEMENT

To Whom It May Concern:

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

Description of Property: "See Exhibit A"

General description of Improvements: new construction

Owner and address: Angela Marie Hudak
760 SE St Johns Street, Lake City FL 32025

Owner's interest in site of the Improvements:

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

Contractor and Address: C & S Construction

Surety (if any) N/A
Address 456 SE Ermine Ave Ste 101 Lake City FL 32025 **Amount of Bond** N/A

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

N/A

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

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

Inst:200712012223 Date:6/4/2007 Time:3:24 PM
DC,P.DeWitt Cason ,Columbia County B:1120 P:2360

This space for Recorder's Use Only: _____

_____
Owner – Borrower

State of Florida
County of Columbia

I, HEREBY CERTIFY, that on this date, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgements, personally appeared Angela Marie Hudak **and** a single woman, **his wife, to me known to be the person(s) described in and executed the foregoing instrument and** _____ **acknowledged before me that** s **he** ___ **executed the same.**

Witness my hand a official seal in the County and State Aforesaid this 24 **day of** May, **A.D. 20**07

_____
Notary Public

Notary Public State of Florida
Judi M Lowrey
My Commission DD477506
Expires 10/02/2008

Lot 24, Price Creek unrecorded subdivision, more described as follows:
Section 14, Township 4 South, Range 17 East:
Commence at a point on the South right of way line of Andrew Road where the East right-of-way line of Bradley Court intersects said South right-of-way line of Andrew Road (all roads herein mentioned existing as described in Deed recorded in Official Records Book 270, Page 276), and run North 89 degrees 44'29" East along the South right-of-way line of said Andrew Road 467.49 feet to the Point of Beginning; thence continue North 89 degrees 44'29" East along the South right-of-way line of Andrew Road a distance of 155.83 feet to the intersection of the West right-of-way line of Tevis Road; thence South 0 degrees 51'07" East along the West right-of-way line of Tevis Road 279.54 feet; thence South 89 degrees 44'29" West 148.40 feet; thence North 2 degrees 22'52" West 279.54 feet to the South right-of-way line of Andrew Road and the Point of Beginning, all lying in Columbia County, Florida.

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	CnS_58EX	Builder:	C&S CONSTRUCTION
Address:	-	Permitting Office:	COLUMBIA
City, State:	COLUMBIA COUNTY, FL	Permit Number:	25941
Owner:	C&S CONSTRUCTION	Jurisdiction Number:	22100 0
Climate Zone:	North		

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)	1329.94 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description (Dble Default) Area 85.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 85.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 160.3(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 1222.6 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1389.9 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 130.0 ft	
b.	N/A		
12.	Cooling systems		
a.	Central Unit	Cap: 23.8 kBtu/hr SEER: 12.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 25.6 kBtu/hr HSPF: 8.00	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons EF: 0.93	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	CF,	

Glass/Floor Area: 0.09

Total as-built points: 18434

Total base points: 22360

PASS

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

PREPARED BY: _____

DATE: 07 Jan 2007

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: -, COLUMBIA COUNTY, 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.	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, FL, PERMIT #:

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

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
7281	**7174**	**7905**	**22360**	**4225**	**6389**	**7820**	**18434**

PASS

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, FL,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**11434.2**	**Winter As-Built Points:**					**13006.6**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 25600 btuh ,EFF(8.0) Ducts:Unc(S),Con(R),Int(AH),R6.0					
11434.2	0.6274	7173.8	13006.6 **13006.6**	1.000 **1.00**	(1.060 x 1.169 x 0.93) **1.152**	0.426 **0.426**	1.000 **1.000**	6389.0 **6389.0**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, **COLUMBIA COUNTY, FL,** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	1329.9	12.74	3049.8	Double, Clear	S	2.0	4.8	40.0	13.30	1.43	762.1
				Double, Clear	S	7.0	4.8	30.0	13.30	3.24	1291.3
				Double, Clear	E	2.0	2.8	6.0	18.79	1.20	134.9
				Double, Clear	N	2.0	4.8	15.0	24.58	1.01	371.2
				Double, Clear	N	2.0	2.8	9.0	24.58	1.01	224.3
				Double, Clear	N	2.0	4.8	20.0	24.58	1.01	495.0
				As-Built Total:				**120.0**			**3278.8**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1222.6	3.40		4157.0
Exterior	1222.6	3.70	4523.8								
Base Total:	**1222.6**		**4523.8**	**As-Built Total:**				**1222.6**			**4157.0**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points
Adjacent	0.0	0.00	0.0	Exterior Wood				40.0	12.30		492.0
Exterior	40.0	12.30	492.0								
Base Total:	**40.0**		**492.0**	**As-Built Total:**				**40.0**			**492.0**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points
Under Attic	1329.9	2.05	2726.4	Under Attic			30.0	1389.9	2.05 X	1.00	2849.3
Base Total:	**1329.9**		**2726.4**	**As-Built Total:**				**1389.9**			**2849.3**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points
Slab	160.3(p)	8.9	1426.9	Slab-On-Grade Edge Insulation			0.0	160.3(p	18.80		3014.2
Raised	0.0	0.00	0.0								
Base Total:			**1426.9**	**As-Built Total:**				**160.3**			**3014.2**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points
	1329.9	-0.59	-784.7					1329.9	-0.59		-784.7

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, FL,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 17067.1			**Summer As-Built Points:**					**13860.0**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 23800 btuh ,SEER/EFF(12.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
			13860	1.00	(1.08 x 1.147 x 0.91)	0.284	0.950	4225.4
17067.1	**0.4266**	**7280.8**	**13860.0**	**1.00**	**1.128**	**0.284**	**0.950**	**4225.4**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1329.9	20.04	4797.4	Double, Clear	S	2.0	4.8	40.0	35.87	0.71	1023.8	
				Double, Clear	S	7.0	4.8	30.0	35.87	0.48	512.7	
				Double, Clear	E	2.0	2.8	6.0	42.06	0.61	154.0	
				Double, Clear	N	2.0	4.8	15.0	19.20	0.87	249.2	
				Double, Clear	N	2.0	2.8	9.0	19.20	0.77	132.5	
				Double, Clear	N	2.0	4.8	20.0	19.20	0.87	332.2	
				As-Built Total:				**120.0**			**2404.4**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			13.0	1222.6	1.50		1834.0	
Exterior	1222.6	1.70	2078.5									
Base Total:	**1222.6**		**2078.5**	**As-Built Total:**				**1222.6**			**1834.0**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Wood				40.0	6.10		244.0	
Exterior	40.0	6.10	244.0									
Base Total:	**40.0**		**244.0**	**As-Built Total:**				**40.0**			**244.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1329.9	1.73	2300.8	Under Attic			30.0	1389.9	1.73 X 1.00		2404.5	
Base Total:	**1329.9**		**2300.8**	**As-Built Total:**				**1389.9**			**2404.5**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	160.3(p)	-37.0	-5932.2	Slab-On-Grade Edge Insulation			0.0	160.3(p	-41.20		-6605.6	
Raised	0.0	0.00	0.0									
Base Total:			**-5932.2**	**As-Built Total:**				**160.3**			**-6605.6**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1329.9	10.21	13578.7					1329.9	10.21		13578.7	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.6

The higher the score, the more efficient the home.

C&S CONSTRUCTION, -, COLUMBIA COUNTY, FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 23.8 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 12.00
4.	Number of Bedrooms	3			b. N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	1329.94 ft²			c. N/A	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble Default) 85.0 ft²			a. Electric Heat Pump	Cap: 25.6 kBtu/hr
	b. SHGC:					HSPF: 8.00
	(or Clear or Tint DEFAULT) 7b.	(Clear) 85.0 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=0.0, 160.3(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 50.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1222.6 ft²				EF: 0.93
	b. N/A				b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1389.9 ft²		15.	HVAC credits	CF,
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 130.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

Residential System Sizing Calculation

Summary

C&S CONSTRUCTION
-
COLUMBIA COUNTY, FL

Project Title:
CnS_58EX

Code Only
Professional Version
Climate: North

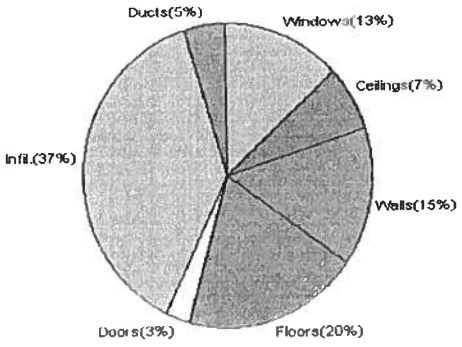
28-Feb-07

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	**25574**	**Btuh**	**Total cooling load calculation**	**23798**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	100.1	25600	Sensible (SHR = 0.75)	119.1	17850
Heat Pump + Auxiliary(8.0kW)	206.9	52904	Latent	67.6	5950
			Total (Electric Heat Pump)	100.0	23800

WINTER CALCULATIONS

Winter Heating Load (for 1330 sqft)

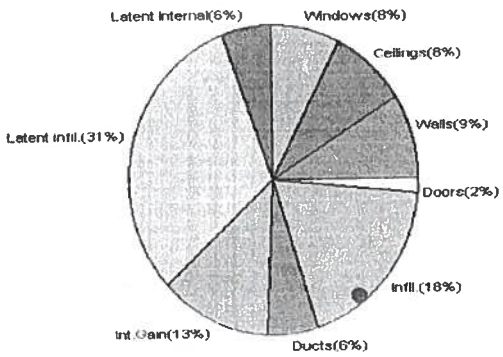
Load component			Load	
Window total	120	sqft	3396	Btuh
Wall total	1223	sqft	3790	Btuh
Door total	40	sqft	718	Btuh
Ceiling total	1390	sqft	1807	Btuh
Floor total	160	ft	5066	Btuh
Infiltration	223	cfm	9579	Btuh
Subtotal			**24356**	**Btuh**
Duct loss			1218	Btuh
TOTAL HEAT LOSS			**25574**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1330 sqft)

Load component			Load	
Window total	120	sqft	1889	Btuh
Wall total	1223	sqft	2127	Btuh
Door total	40	sqft	399	Btuh
Ceiling total	1390	sqft	1974	Btuh
Floor total			0	Btuh
Infiltration	214	cfm	4240	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			**13629**	**Btuh**
Duct gain			1363	Btuh
Total sensible gain			**14992**	**Btuh**
Latent gain(infiltration)			7426	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**8806**	**Btuh**
TOTAL HEAT GAIN			**23798**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: _____ 2/27/07
DATE: 07 Jun 2K7

System Sizing Calculations - Winter

Residential Load - Component Details

C&S CONSTRUCTION
-
COLUMBIA COUNTY, FL

Project Title:
CnS_58EX

Code Only
Professional Version
Climate: North

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

28-Feb-07

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	40.0	28.3	1132 Btuh
2	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
3	2, Clear, Metal, DEF	W	6.0	28.3	170 Btuh
4	2, Clear, Metal, DEF	S	15.0	28.3	424 Btuh
5	2, Clear, Metal, DEF	S	9.0	28.3	255 Btuh
6	2, Clear, Metal, DEF	S	20.0	28.3	566 Btuh
	Window Total		120		3396 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1223	3.1	3790 Btuh
	Wall Total		1223		3790 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		40	17.9	718 Btuh
	Door Total		40		718Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1390	1.3	1807 Btuh
	Ceiling Total		1390		1807Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	160.3 ft(p)	31.6	5066 Btuh
	Floor Total		160		5066 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	10972(sqft)	73	3144 Btuh
	Mechanical			150	6435 Btuh
	Infiltration Total			223	9579 Btuh

Totals for Heating	**Subtotal**	**24356 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1218 Btuh**
	Total Btuh Loss	**25574 Btuh**

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

C&S CONSTRUCTION
-
COLUMBIA COUNTY, FL

Project Title:
CnS_58EX

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 28-Feb-07

Window	Type Panes/SHGC/U/InSh/ExSh	Ornt	Overhang Len	 Hgt	Window Area(sqft) Gross	 Shaded	 Unshaded	HTM Shaded	 Unshaded	Load
1	2, Clear, DEF, B, N	N	2	4.83	40.0	0.0	40.0	15	15	600 Btuh
2	2, Clear, DEF, B, N	N	7	4.83	30.0	0.0	30.0	15	15	450 Btuh
3	2, Clear, DEF, B, N	W	2	2.83	6.0	3.1	2.9	15	46	179 Btuh
4	2, Clear, DEF, B, N	S	2	4.83	15.0	15.0	0.0	15	24	225 Btuh
5	2, Clear, DEF, B, N	S	2	2.83	9.0	9.0	0.0	15	24	135 Btuh
6	2, Clear, DEF, B, N	S	2	4.83	20.0	20.0	0.0	15	24	300 Btuh
	Window Total				120					1889 Btuh

Walls	Type	R-Value	Area	HTM	Load
1	Frame - Exterior	13.0	1222.6	1.7	2127 Btuh
	Wall Total		1222.6		2127 Btuh

Doors	Type	Area	HTM	Load
1	Wood - Exter	40.0	10.0	399 Btuh
	Door Total	40.0		399 Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load
1	Under Attic/Dark	30.0	1389.9	1.4	1974 Btuh
	Ceiling Total		1389.9		1974 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab-On-Grade Edge Insulation	0.0	160.3 ft(p)	0.0	0 Btuh
	Floor Total		160.3		0 Btuh

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.35	10972	64.1	1270 Btuh
	Mechanical			150	2970 Btuh
	Infiltration Total			214	4240 Btuh

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

Totals for Cooling	**Subtotal**	**13629 Btuh**
	Duct gain(using duct multiplier of 0.10)	**1363 Btuh**
	Total sensible gain	**14992 Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**7426 Btuh**
	Latent occupant gain (6 people @ 230 Btuh per person)	**1380 Btuh**
	Latent other gain	**0 Btuh**
	TOTAL GAIN	**23798 Btuh**

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

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

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

ENHANCED 9-1-1 ADDRESS:

585 SE ANDREWS DR

LAKE CITY FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

14-4S-17-08346-043

Remarks:

LOT 24 PRICE CREEK S/D UNREC

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

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

794

Approved Address

JUN 08 2007

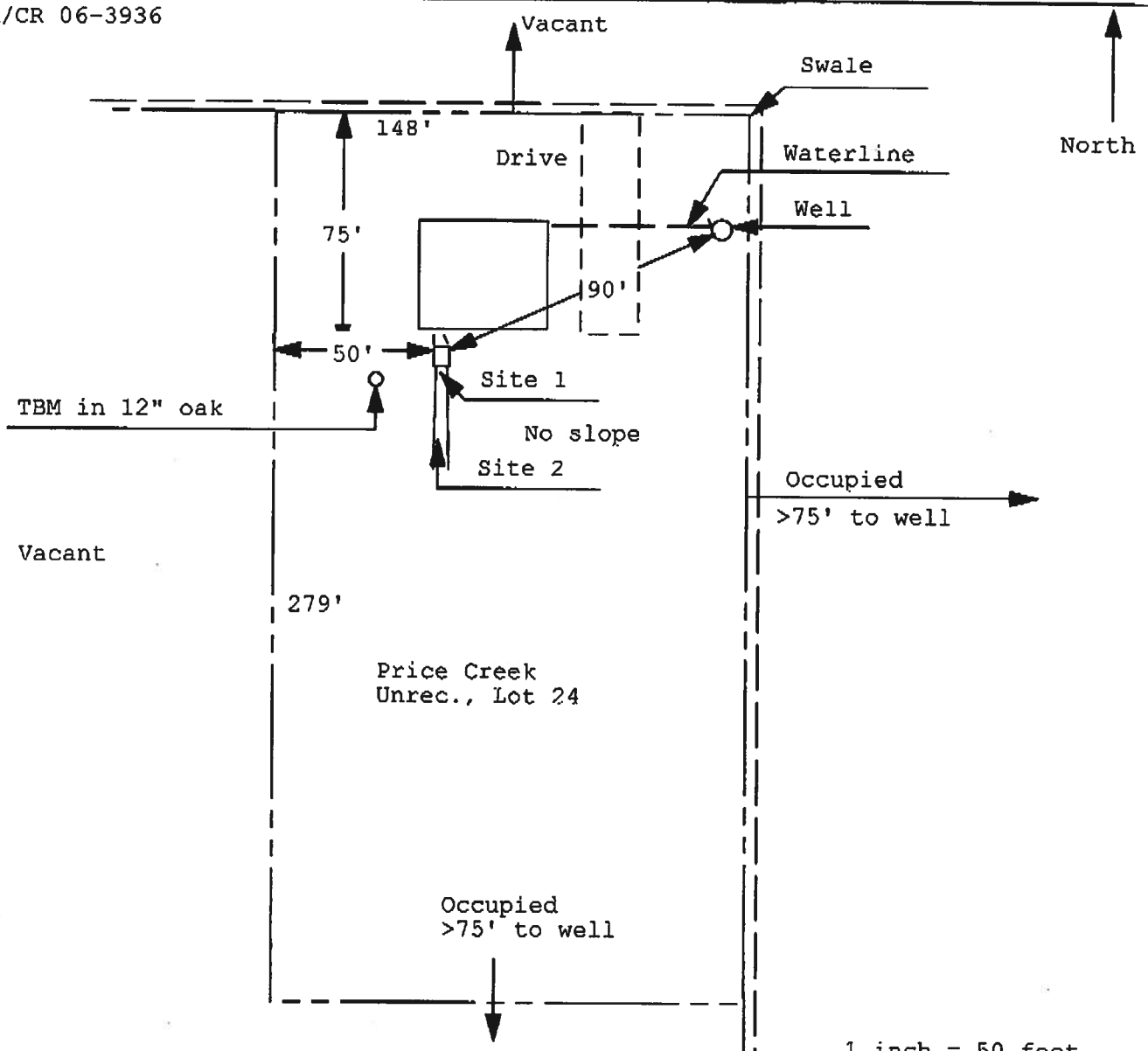
911Addressing/GIS Dept

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

Permit Application Number: 07-0473-N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

HUDAK/CR 06-3936



Site Plan Submitted By Paul Lloyd Date 4/3/07

Plan Approved X Not Approved ____ Date ____

By Sallie Ford ES II 6-12-07 CPHU

Notes: Columbia CHD

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 14-4S-17-08346-043 **Building permit No.** 000025941

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

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

Owner of Building ANGELA HUDAK **Total:** 22.33

Location: 585 SE ANDREWS DRIVE, LAKE CITY, FL

Date: 09/24/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Hudak

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 COUNTYS NORTHERN BOUNDARY TO THE INTERSECTION OF MYRTIS ROAD, FOLLOW MYRTIS EAST TO THE INTERSECTION OF C.R. 245, FOLLOW C.R. 245 SOUTH TO THE SOUTHERN BOUNDARY OF COLUMBIA COUNTY.

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

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

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

NA ☐ d) Location, size and height above roof of chimneys
NA ☐ 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)
NA ☐ d) Fireplaces (gas appliance(vented or non-vented) or wood burning with hearth
NA ☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
☑ ☐ f) Must show and identify accessability requirements (accessible bathroom)

Foundation Plan including:

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

Roof System

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

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

Wall Sections including:

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

welded wire fabric reinfrocement and supports

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

☑ ☐ b) Wood Frame wall

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

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

Floor Framing System

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

N/A ☐ b) Floor joist size and spacing

N/A ☐ c) Girder size and spacing

N/A ☐ d) Attachment of joist to girder

N/A ☐ e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

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

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

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

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

☑ ☐ f) Appliances and HVAC equipment

HVAC information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathrooms

☐ ☐ **Energy Calculations** (dimensions shall match plans)
☐ ☐ **Gas System** Type (LP or Natural) Location and BTU demand of equipment
Disclosure Statement for Owner Builders
Notice of Commencement
Private Potable Water
a) Size of pump motor
b) Size of pressure tank
c) Cycle Stop Valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

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

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386-758-1084) is required. A copy of property deed is also requested.

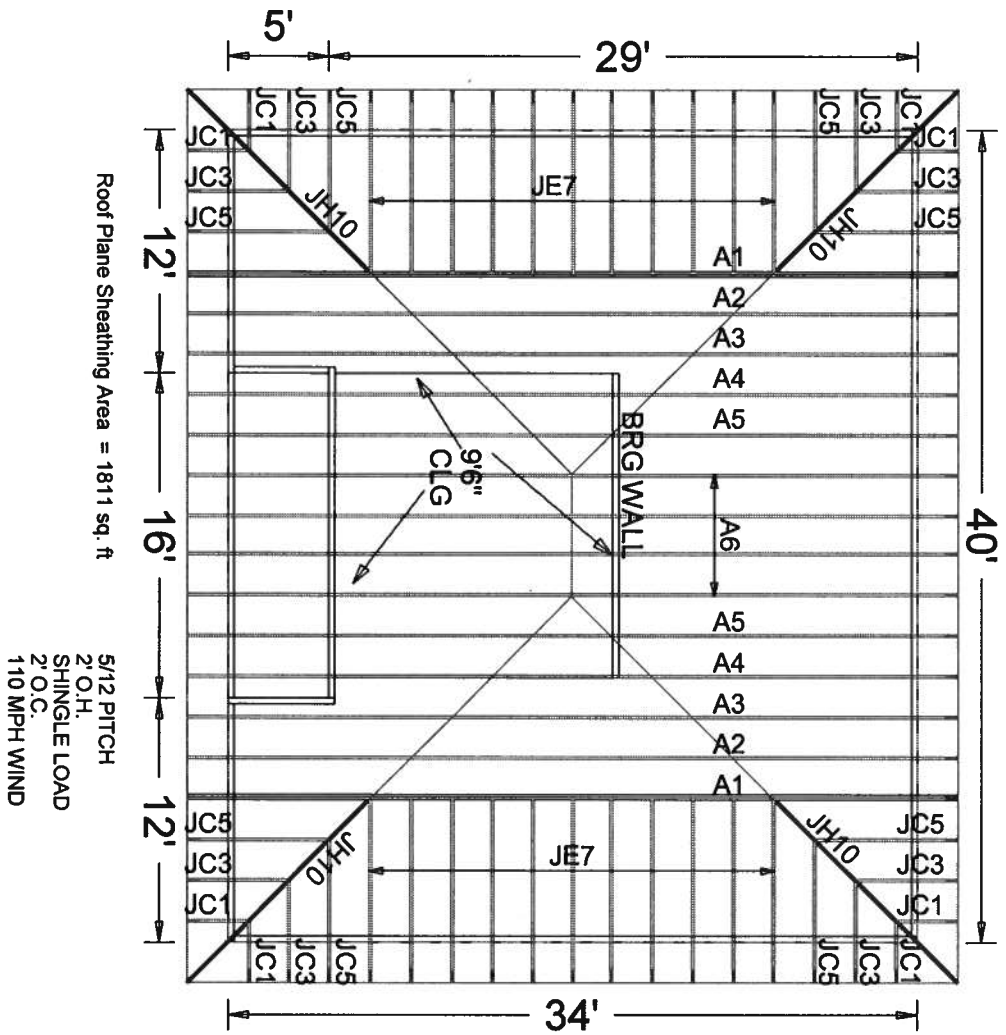
3. **Enviromental Health Permit or Sewer Tap Approval:** A copy of the Enviromental Health permit, existing septic approval or sewer tap approval is required. (386) 758-1058

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

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

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

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



JOB WAS REVISED BY RICHARD WILLIAMS 1/20/05. TRUSS H13 PREVIOUSLY HAD A FLAT BOTTOM CHORD, IT NOW MATCHES H13A WITH 9' 6" CLG. COND.

PAGE NO: 1 OF 1	JOB NO: 4469	Job Name: ~~JONES~~ Hudak Customer: C&S CONSTRUCTION Designer: Chris McCall

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T66215-Z0402150618

Truss Fabricator:	W.B. Howland Hudak
Job Identification:	4469-/~~JONES~~ /C&S CONSTRUCTION -- LAKE CITY, FL
Truss Count:	11
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.25.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 04/02/2007

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

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. 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

Details: -

#	Ref	Description	Drawing#	Date
1	15358	A1	07092043	04/02/07
2	15359	A2	07092034	04/02/07
3	15360	A3	07092035	04/02/07
4	15361	A4	07092039	04/02/07
5	15362	A5	07092040	04/02/07
6	15363	A6	07092041	04/02/07
7	15364	JC1	07092042	04/02/07
8	15365	JC3	07092036	04/02/07
9	15366	JC5	07092037	04/02/07
10	15367	JE7	07092038	04/02/07
11	15368	JH10	07092044	04/02/07

(4469-/JONES /C&S CONSTRUCTION -- LAKE CITY, FL - A1)

Top chord 2x4 SP #2 N :T2, T3 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, Wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

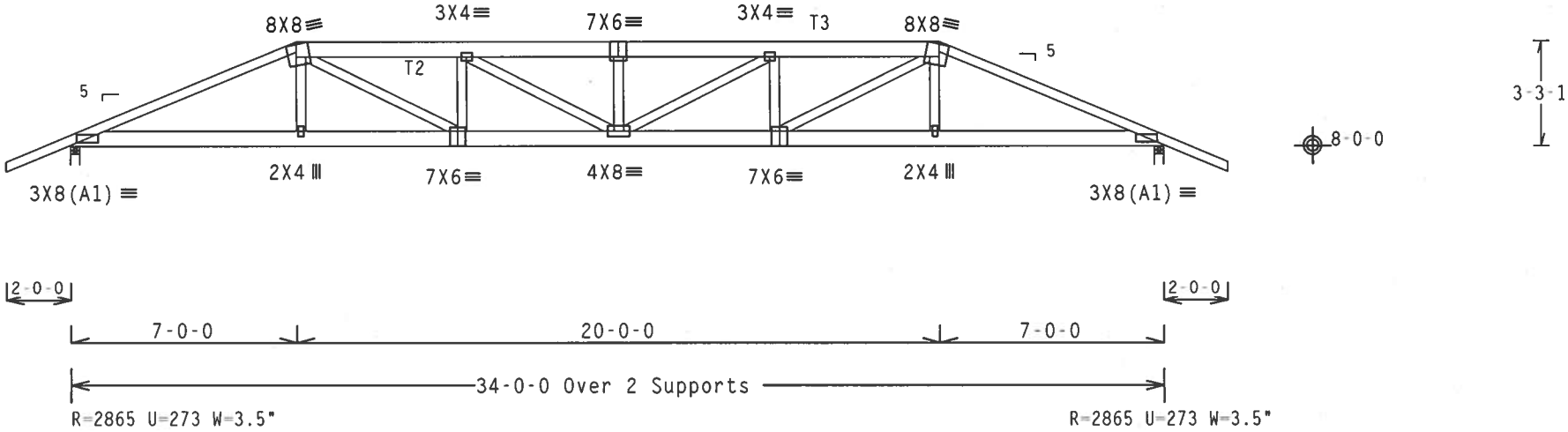
Deflection meets L/240 live and L/180 total load.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cg/RT=1.00(1.25)/10(0) 7.25.0503 QTY:2 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/SS/K) ASTM A653 GRADE 40/60 (W. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 02 07

TC LL	20.0 PSF	REF	R215-- 15358
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092043
BC LL	0.0 PSF	HC-ENG	MNM/WHK
TOT.LD.	40.0 PSF	SEQN-	172437
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

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

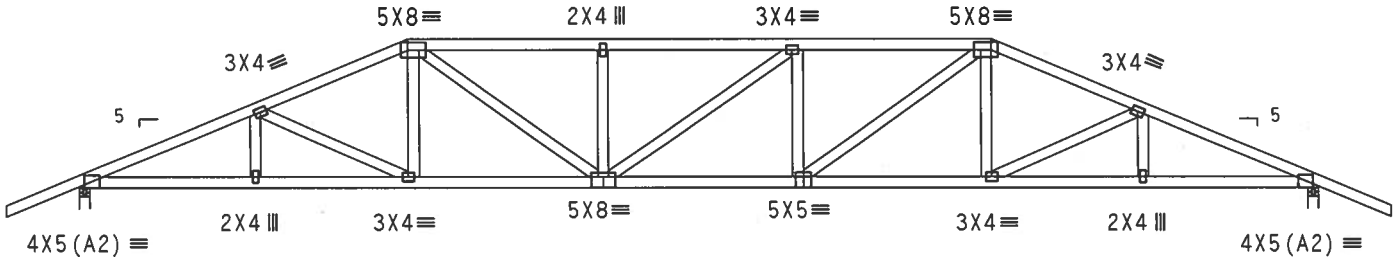
Wind reactions based on MWFRS pressures.

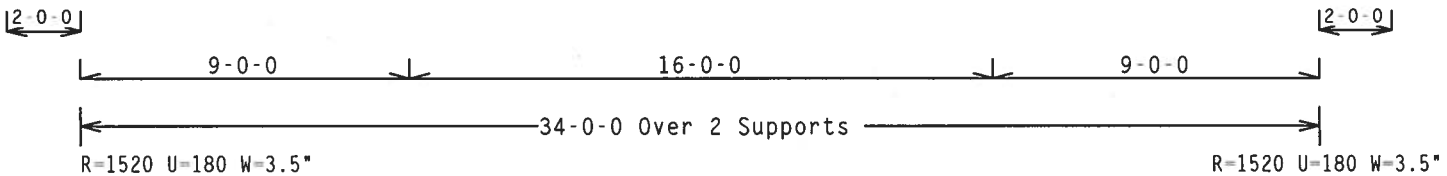
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 4-1-1.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.25.0503 09 | QTY:2 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS, P.E. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 8, 07

TC LL	20.0 PSF	REF	R215-- 15359
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092034
BC LL	0.0 PSF	HC-ENG	MNM/WHK *
TOT.LD.	40.0 PSF	SEQN-	172441
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

(4469-/JONES /C&S CONSTRUCTION -- LAKE CITY, FL - A3)

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

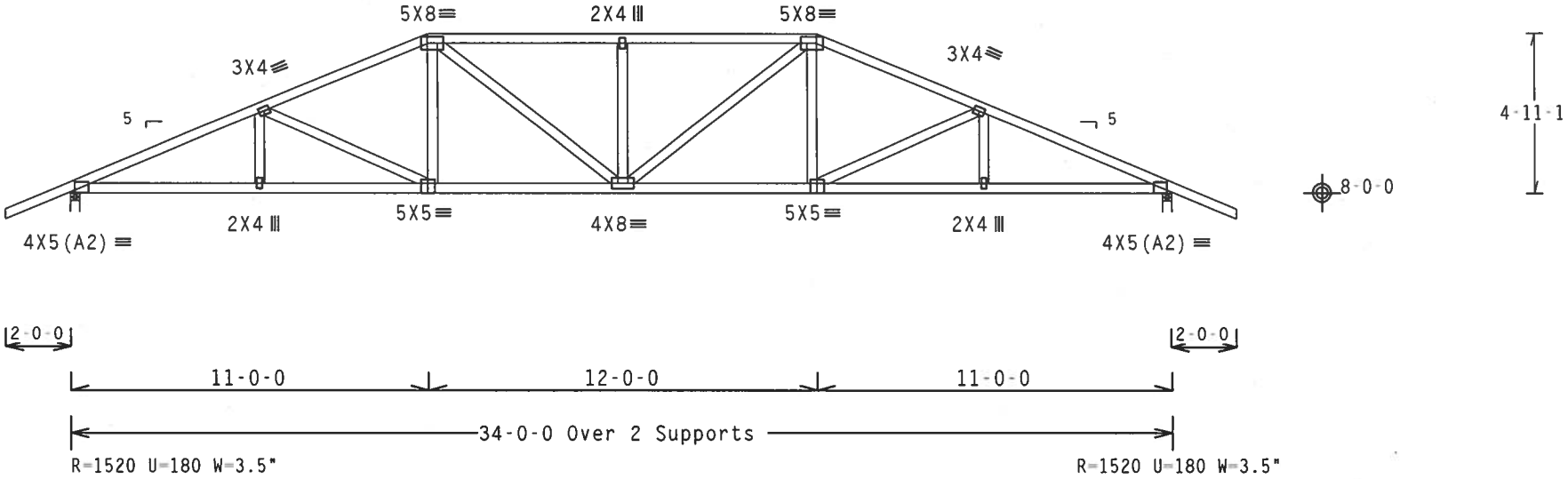
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 4-11-1.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.25.0503.00 | QTY:2 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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JAMES F. COLLINS LIC. No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Apr 02,07

TC LL	20.0 PSF	REF	R215-- 15360
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092035
BC LL	0.0 PSF	HC-ENG	MNM/WHK *
TOT.LD.	40.0 PSF	SEQN-	172445
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

(4469-/JONES /C&S CONSTRUCTION -- LAKE CITY, FL - A4)

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

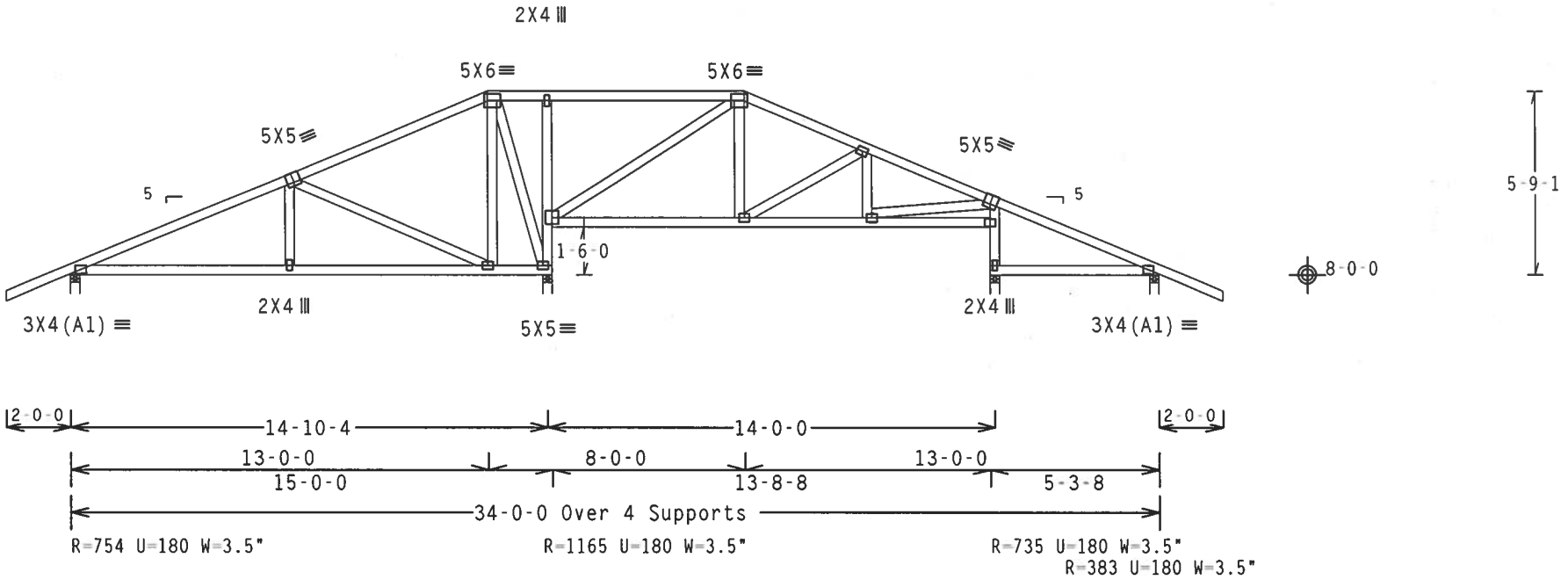
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 5-9-1.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:2 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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JAMES F. COLLINS JR. LICENSED No. 72212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 02 '07

TC LL	20.0 PSF	REF	R215-- 15361
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092039
BC LL	0.0 PSF	HC-ENG	MNM/WHK
TOT.LD.	40.0 PSF	SEQN-	172449
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

(4469-/JONES /C&S CONSTRUCTION -- LAKE CITY, FL - A5)

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

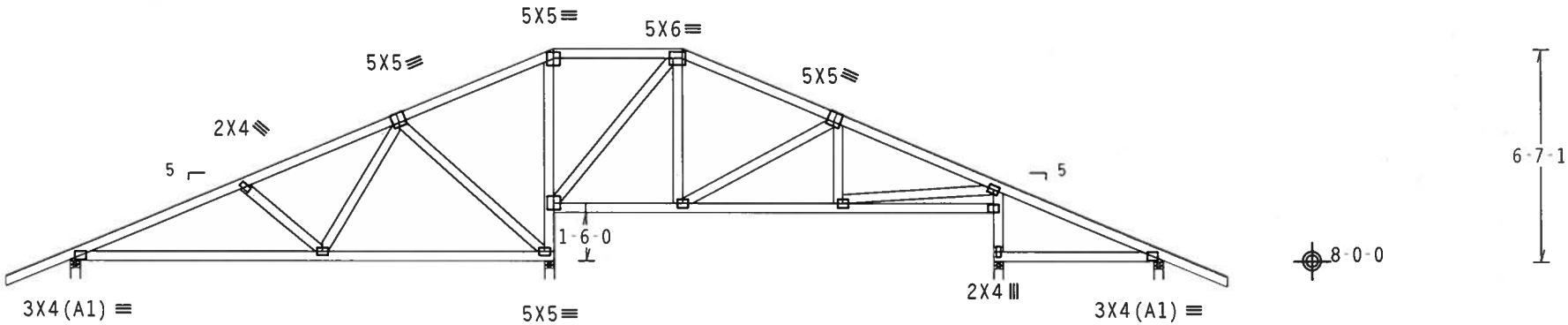
Wind reactions based on MWFRS pressures.

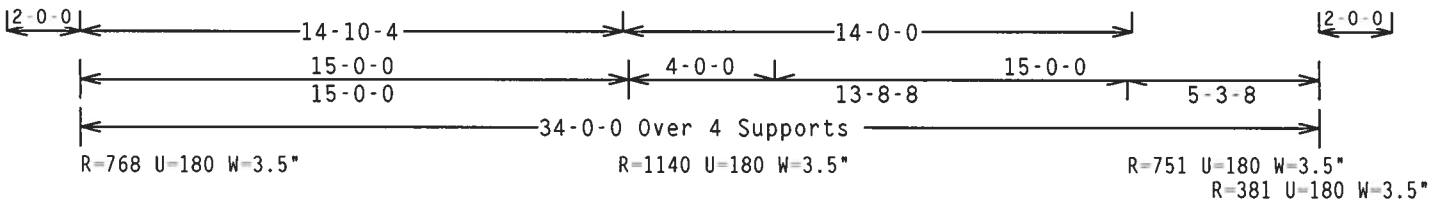
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 6-7-1.





Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:2 FL/-/5/-/-/R/- Scale =.1875"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

Apr 02 07

TC LL	20.0 PSF	REF	R215-- 15362
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092040
BC LL	0.0 PSF	HC-ENG	MNM/WHK
TOT.LD.	40.0 PSF	SEQN-	172453
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

(4469-/JONES /C&S CONSTRUCTION -- LAKE CITY, FL - A6)

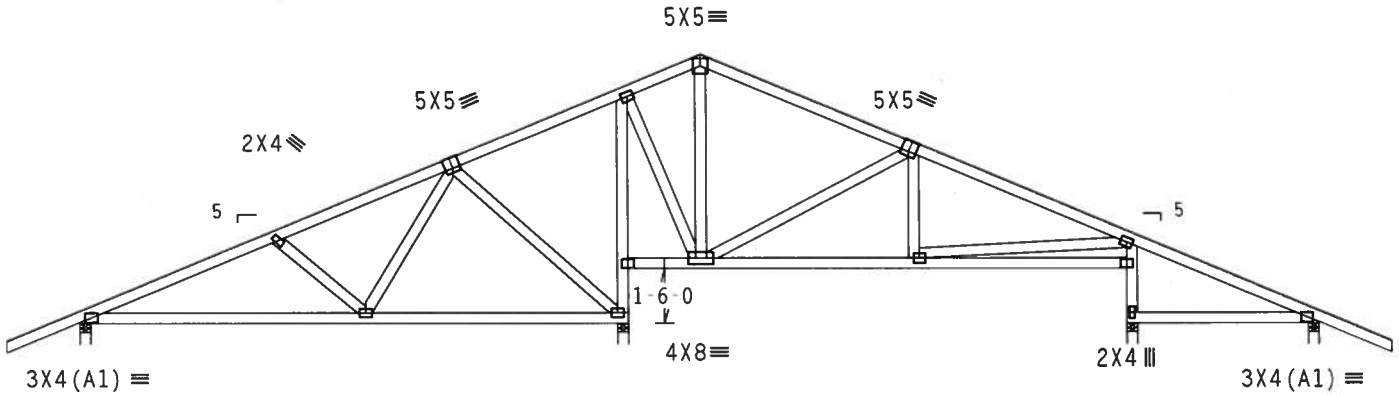
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

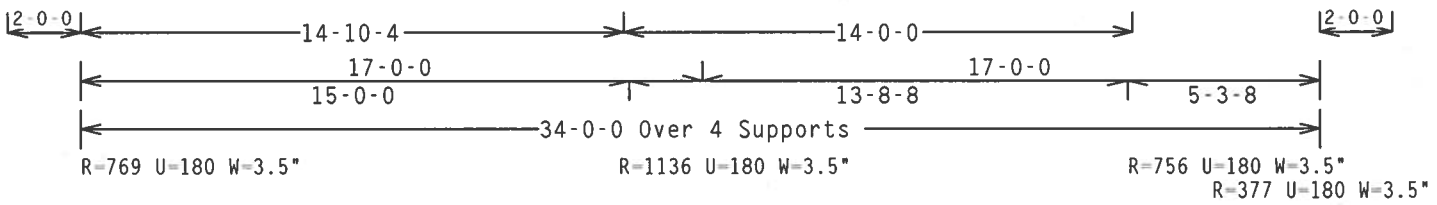
Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 7-5-1.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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





Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cg/RT=1.00(1.25)/10(0) | 7.25.0503.00 | QTY:4 | FL/-/5/-/-/R/- | Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

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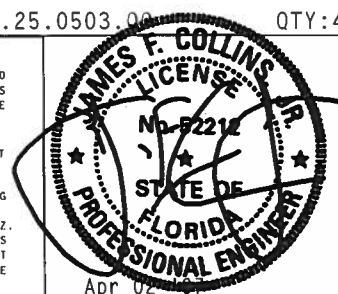


Apr 02

TC LL	20.0 PSF	REF R215-- 15363
TC DL	10.0 PSF	DATE 04/02/07
BC DL	10.0 PSF	DRW HCUSR215 07092041
BC LL	0.0 PSF	HC-ENG MNM/WHK
TOT.LD.	40.0 PSF	SEQN- 172457
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1T66215_Z04

(4469-/JONES /C&S CONSTRUCTION -- LAKE CITY, FL - JC1)

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

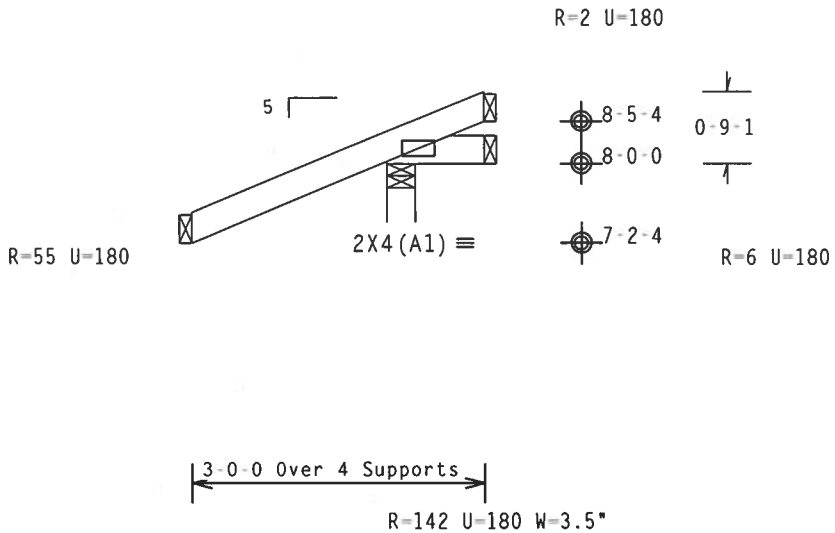
Wind reactions based on MWFRS pressures.

Shim all supports to solid bearing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 0-9-1.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.25.0503.00 | QTY:8 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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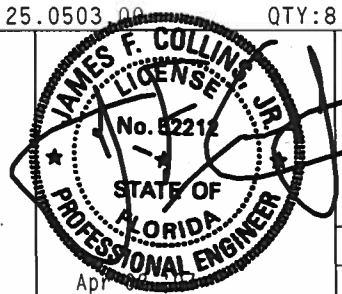


Apr

TC LL	20.0 PSF	REF	R215-- 15364
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092042
BC LL	0.0 PSF	HC-ENG	MNM/WHK
TOT.LD.	40.0 PSF	SEQN-	172469
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

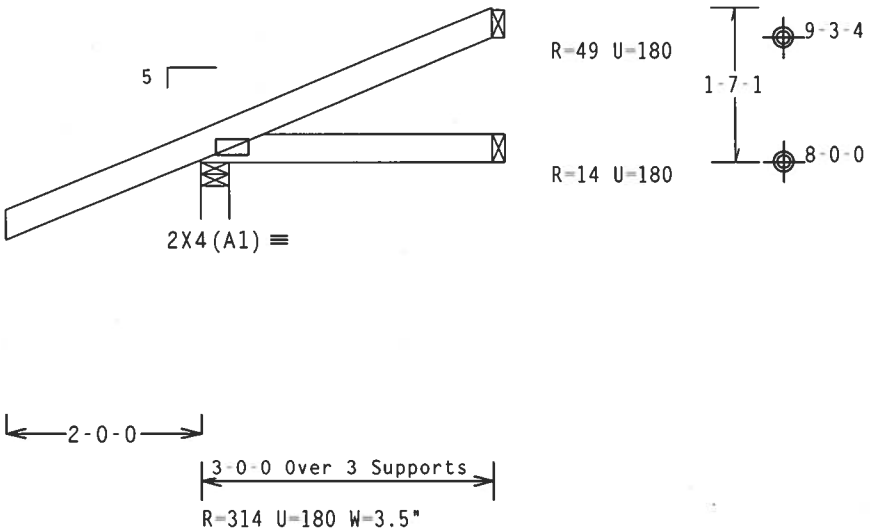
op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N

ind reactions based on MWFRS pressures.

he overall height of this truss excluding overhang is 1-7-1.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:8 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 02

TC LL	20.0 PSF	REF	R215-- 15365
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092036
BC LL	0.0 PSF	HC-ENG	MNM/WHK *
TOT.LD.	40.0 PSF	SEQN-	172473
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

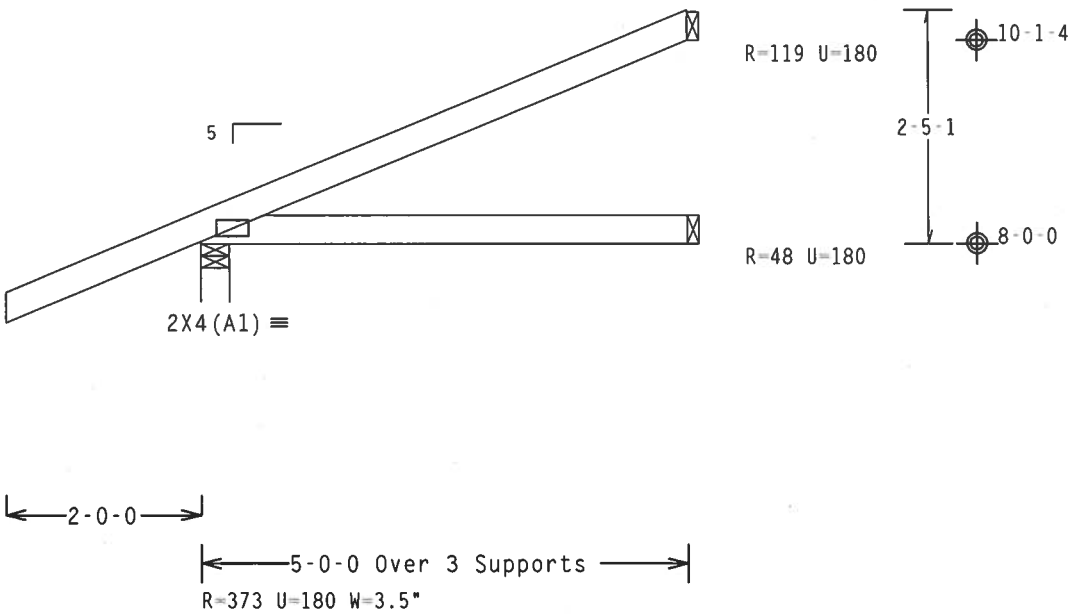
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-5-1.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.25.0503.08 | QTY:8 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

Apr 02 07

TC LL	20.0 PSF	REF	R215-- 15366
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092037
BC LL	0.0 PSF	HC-ENG	MNM/WHK *
TOT.LD.	40.0 PSF	SEQN-	172477
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

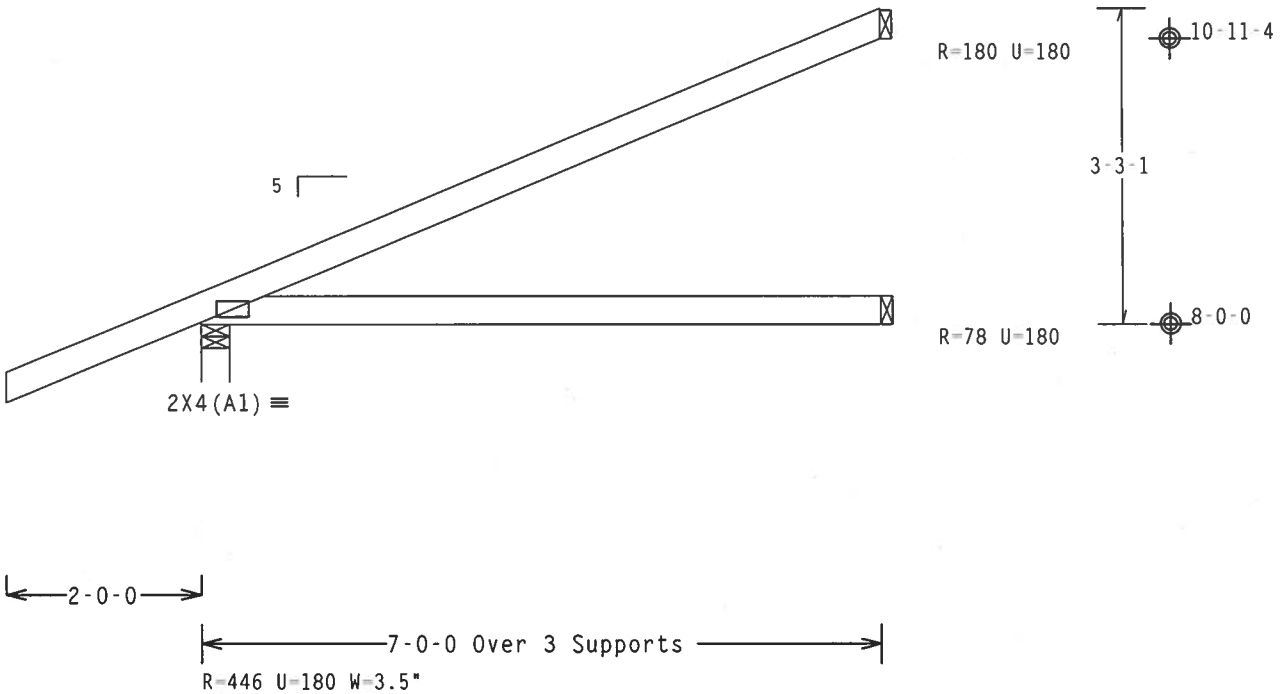
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:22 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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JAMES F. COLLINS, JR. LICENSE No. 52213 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 02 [illegible]

TC LL	20.0 PSF	REF	R215-- 15367
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092038
BC LL	0.0 PSF	HC-ENG	MNM/WHK *
TOT.LD.	40.0 PSF	SEQN-	172461
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

4469-/JONES /C&S CONSTRUCTION -- LAKE CITY, FL - JH10)

op chord 2x4 SP #2 N
ot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

lind reactions based on MWFRS pressures.

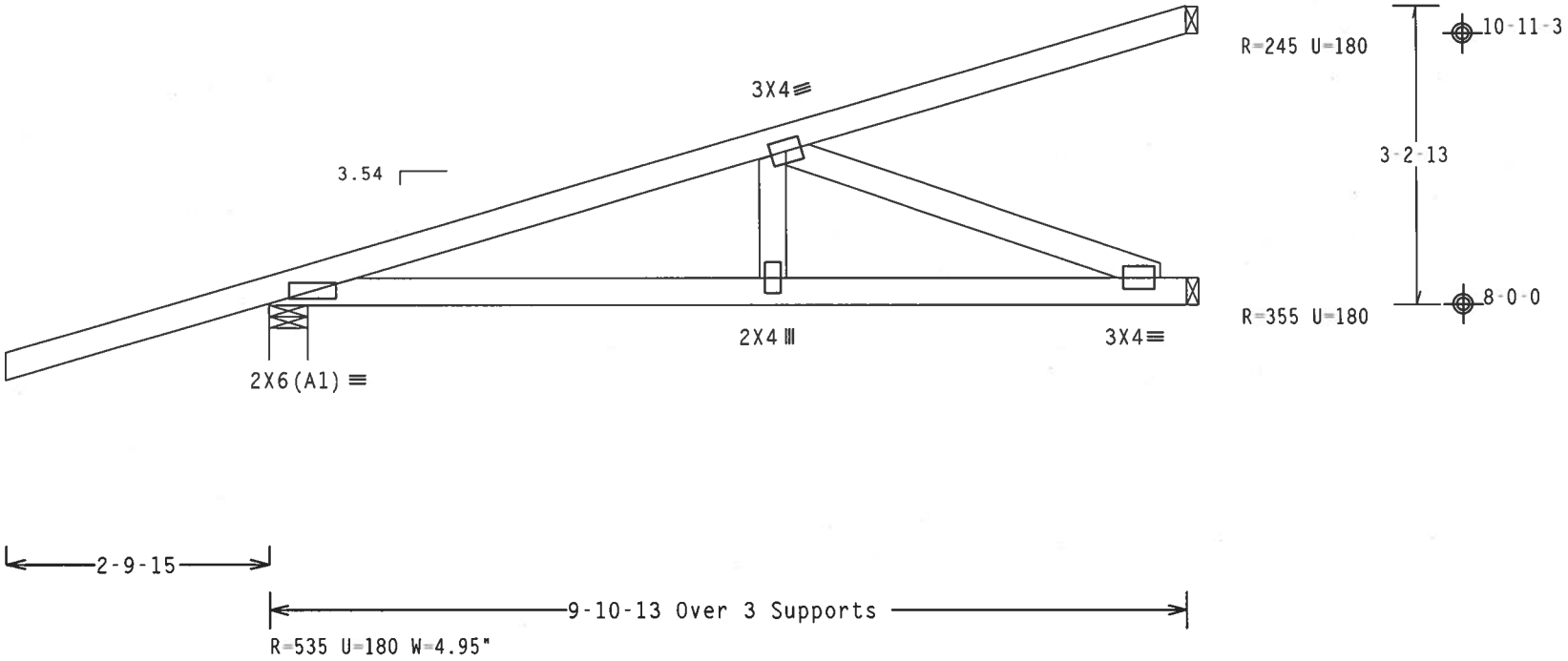
leflection meets L/240 live and L/180 total load.

op chord overhangs have been checked only for loads as ndicates. Overhangs not checked for man loads or long-term leflection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

The overall height of this truss excluding overhang is 3-2-13.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.25.0503 | QTY:4 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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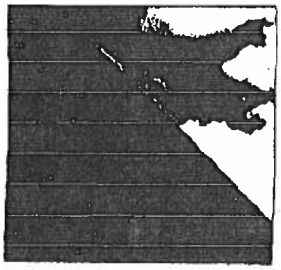
ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

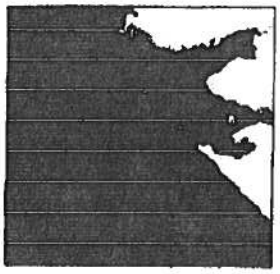
JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 02 '07

TC LL	20.0 PSF	REF	R215-- 15368
TC DL	10.0 PSF	DATE	04/02/07
BC DL	10.0 PSF	DRW	HCUSR215 07092044
BC LL	0.0 PSF	HC-ENG	MNM/WHK
TOT.LD.	40.0 PSF	SEQN-	172465
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1T66215_Z04

ELK



PRESTIQUE®
HIGH DEFINITION®



RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

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

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

Raised Profile

Product size	13¼"x 38¾"
Exposure	5⅝"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

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

Prestique I *High Definition*

Product size	13¼"x 39⅜"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.6 sq.ft.
Squares/Pallet	14

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

Prestique *High Definition*

Product size	13¼"x 38¾"
Exposure	5⅝"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

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

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/*FLX*™

Size: 12"x 12"
Exposure: 6⅛"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Elk Starter Strip

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

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

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

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

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

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

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

SPECIFICATIONS

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

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

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

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

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

[illegible] length and holding power for securing material as required by the application instructions printed on shingle wrapper.

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

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

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

SOUTHEAST & ATLANTIC OFFICE:
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

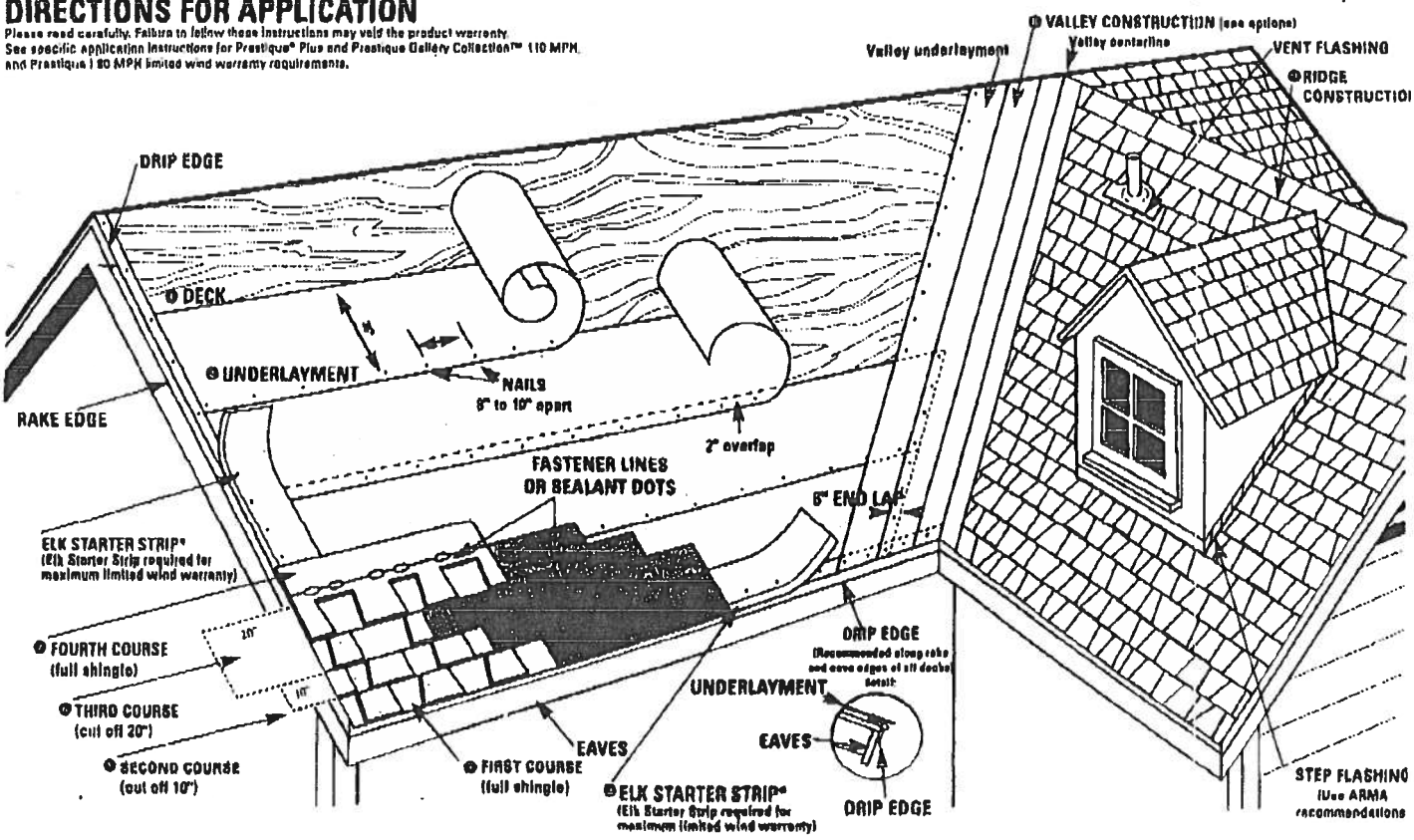
PLANT LOCATION:
800.945.5545

ELK
www.elkcorp.com

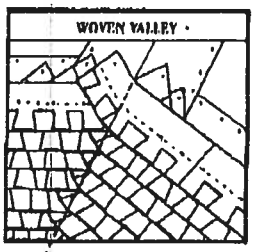
TUSCALOOSA, AL

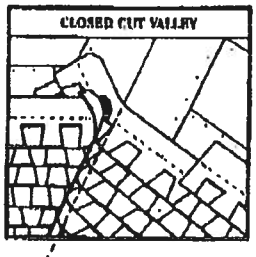
DIRECTIONS FOR APPLICATION

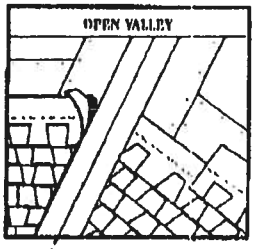
Please read carefully. Failure to follow these instructions may void the product warranty.
See specific application instructions for Prestique® Plus and Prestique Gallery Collection™ 110 MPH and Prestique I 80 MPH limited wind warranty requirements.



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







DIRECTIONS FOR APPLICATION

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

❶ DECK PREPARATION

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

❷ UNDERLAYMENT

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

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

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

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

❸ FOURTH COURSE

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

FIFTH AND SUCCEEDING COURSES.

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

❹ VALLEY CONSTRUCTION

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

❺ RIDGE CONSTRUCTION

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

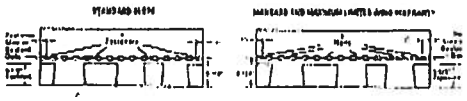
FASTENERS

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

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

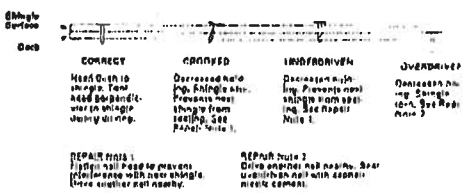
NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for roof-overs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/8" ring shank nails are allowed to be used from the eave's edge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

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



HELP STOP BLOW-OFFS AND CALL-BACKS

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



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

flashing membrane.

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

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

❸ 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.

❹ 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.

❺ SECOND COURSE

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

❻ THIRD COURSE

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

[illegible] will prevent scaling.

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

MANSARD APPLICATIONS

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

LIMITED WIND WARRANTY

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

[illegible] construction.

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

ELK

www.elkcorp.com

FLORIDA DEPARTMENT OF Community Affairs

Community Affairs

Product Approval

USER: Public User

Search Criteria

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

Search Results - Applications

Go to Page GO

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

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

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DCA Administration

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

Product Approval Accepts:

Product Approval

USER: Public User

Search Criteria

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

Search Results - Applications

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

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

DCA Administration

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

Product Approval Accepts:

Gaylord Pump & Irrigation Inc.
P.O. Box 548
Branford, FL 32008
386-935-0932 Fax 386-935-0778

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

This equipment meets or exceeds state code of March 2002

Notice of Treatment 17653

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Baya Ave
City Lake City Phone 7521702

Site Location: Subdivision C+S Const
Lot # _____ Block# _____ Permit # 25841
Address 585 SE Andrews Dr.

	Product used	Active Ingredient	% Concentration
☐	Premise	Imidacloprid	0.1%
☐	Termidor	Fipronil	0.12%
☒	Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☐ Soil ☒ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Dwelling	1373	154	5 gals

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

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

8-607	1:50	F299
Date	Time	Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

ice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

6-8-07

Lot 24 Price Creek unrecorded S/D Lake City Fl.

Address of Treatment or Lot/Block of Treatment) City

Florida Pest Control & Chemical Co.

www.flapest.com

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

nical to be used: 23% Disodium Octaborate Tetrahydrate

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

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

6/04 ©