

DATE 04/30/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT

000025758

APPLICANT LAVONNE COX PHONE 755-7200
ADDRESS 456 SE ERMINE AVE LAKE CITY FL 32025
OWNER JOSH SHANE PAFFORD PHONE 755-7019
ADDRESS 1644 SW CENTERVILLE AVE FT. WHITE FL 32038
CONTRACTOR RICHARD COX PHONE 755-7200
LOCATION OF PROPERTY 47S, TR ON ELM CHURCH RD, TR ON CENTERVILLE AVE, LESS THAN ONE MILE ON RIGHT

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 66450.00
HEATED FLOOR AREA 1329.00 TOTAL AREA 1376.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT 10
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 17-6S-16-03852-007 SUBDIVISION PALAWAN EST.
LOT 7 BLOCK PHASE UNIT TOTAL ACRES

000001374 RR0066502
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 07-298 BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE, SEC 2.3.1 LEGAL

NON-CONFORMING LOT OF RECORD

ALTERNATE TERMIT TREATMENT RECEIVED Check # or Cash 10635

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 335.00 CERTIFICATION FEE \$ 6.88 SURCHARGE FEE \$ 6.88
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 448.76
INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

This Instrument Prepared by & return to:
Name: Brenda Styons, an employee of
TITLE OFFICES, LLC
Address: 343 NW COLE TERRACE, SUITE 105
LAKE CITY, FLORIDA 32055
File No. 07Y-03038BBS

Parcel I.D. #: 03852-007

Inst:2007007562 Date:04/03/2007 Time:13:02
Doc Stamp-Deed : 87.50
DC, P. Dewitt Cason, Columbia County B:1115 P:1341

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 30th day of March, A.D. 2007, by

ROBERT H. RINKE and JANET P. RINKE, HIS WIFE, hereinafter called the grantors, to
JOSHUA SHANE PAFFORD, married, whose post office address is
218 SW SKYVIEW GLEN, LAKE CITY, FL 32024, hereinafter called the grantee:

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

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

LOT 7, PALAWAN ESTATES, A SUBDIVISION ACCORDING TO PLAT THEREOF
RECORDED IN PLAT BOOK 5, PAGE 49, PUBLIC RECORDS OF COLUMBIA COUNTY,
FLORIDA.

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

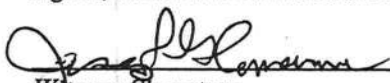
Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

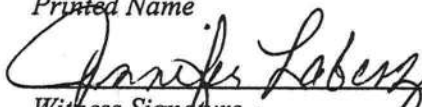
To Have and to Hold the same in fee simple forever.

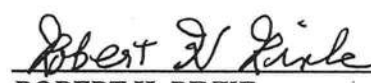
And the grantors hereby covenant with said grantee that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2007.

In Witness Whereof, the said grantors have signed and sealed these presents, the day and year first above written,

Signed, sealed and delivered in the presence of:


Witness Signature
Joseph G. Lananna
Printed Name

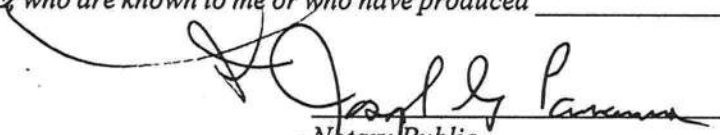

Witness Signature
JENNIFER LABENZ
Printed Name

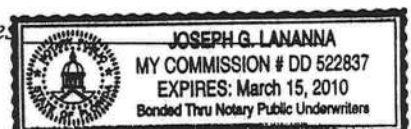

L.S.
ROBERT H. RINKE
Address:
626 BELMONT AVE, TEMPLE TERRACE, FL
33617


L.S.
JANET P. RINKE
Address:
626 BELMONT AVE, TEMPLE TERRACE, FL
33617

STATE OF FLORIDA
COUNTY OF Hillsborough

The foregoing instrument was acknowledged before me this 30 day of March, 2007, by ROBERT H. RINKE and JANET P. RINKE, who are known to me or who have produced _____ as identification.


Notary Public
My commission expires



Columbia County Building Permit Application

For Office Use Only Application # 0704-32 Date Received 4/17 By JW Permit # 1314/2575

Application Approved by - Zoning Official BLK Date 27.04.07 Plans Examiner OK JTH Date 4-18-07

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

Comments Section 2.31 Legal Notice - Conforming Lot of Record

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

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

Address 456 SE Edmin Ave. Lake City, FL 32025 Phone 386-755-7200

Owners Name Josh Shane Pafford Phone 386-755-7019

911 Address 1644 SW Centerville Ave. Fort White, FL 32038

Contractors Name Richard Cox Phone 386-755-7200

Address 456 SE Edmin Ave. Lake City, FL 32025

Fee Simple Owner Name & Address Josh Shane Pafford

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Nick Heisler 755-9021

Mortgage Lenders Name & Address USOA/ARS + Ship

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

Property ID Number 17-65-16-03852-007 Estimated Cost of Construction \$91,000.00

Subdivision Name Palawan Estates Lot 7 Block Unit Phase

Driving Directions Take 47 South, Go thru Columbia City to next flashing light. Turn right (Elm Church Rd) Go to Centerville Ave (dirt road) turn right. Less than a mile see C&S Const sign on right

Type of Construction New Residential SFD Number of Existing Dwellings on Property one

Total Acreage .95 Lot Size 150 X 275 Do you need a Culvert Permit or Culvert Waiver or Have an Existing D

Actual Distance of Structure from Property Lines - Front 30' Side 59' Side 51' Rear 211'

Total Building Height 10' Number of Stories one Heated Floor Area 1376 ¹³²⁹ _{TOTAL 1401} Roof Pitch 8/12

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 COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

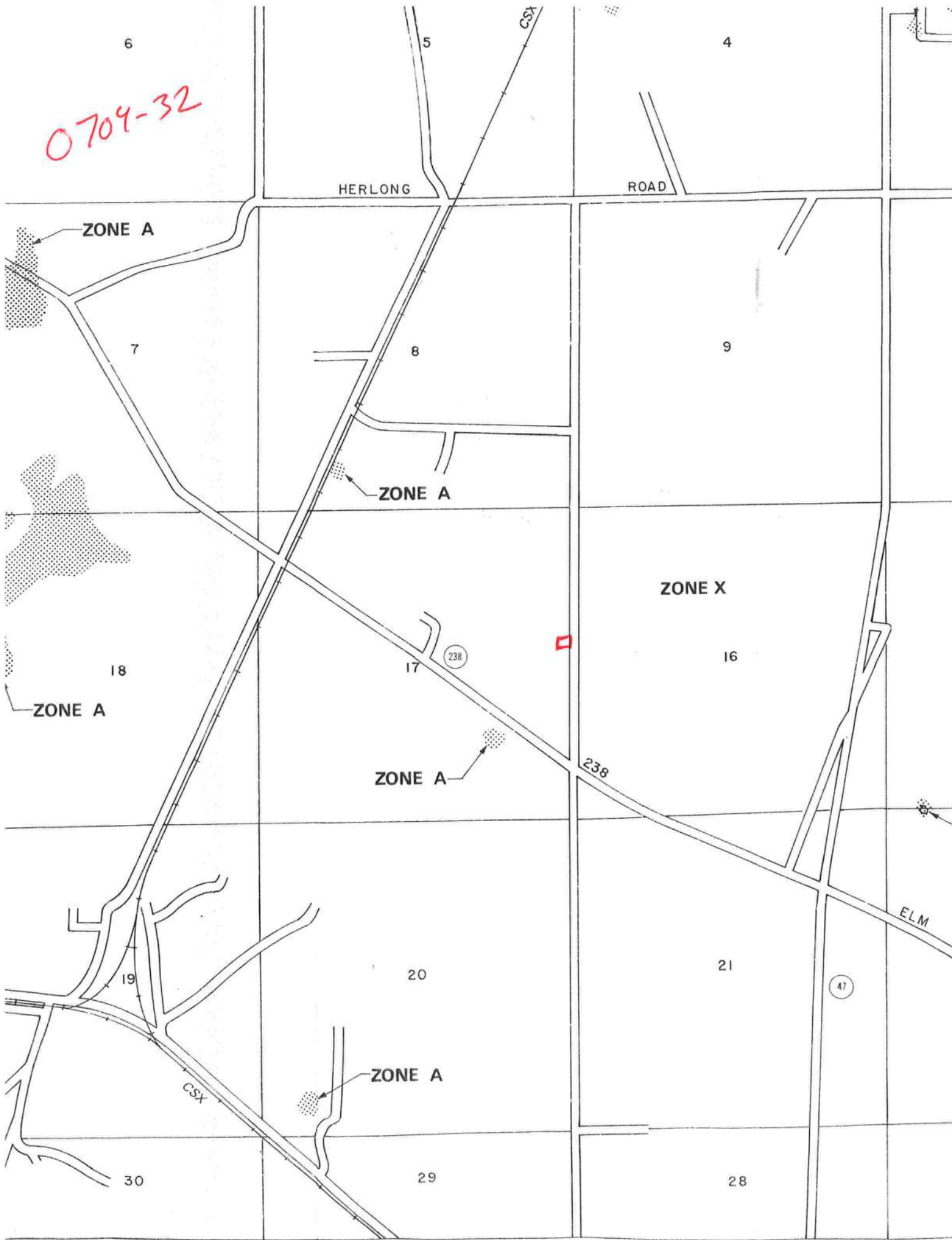
this 16th day of April 2007.

Personally known ☒ or Produced Identification

James R. Cox
Contractor Signature
Contractors License Number 0006502
Competency Card Number 5476
NOTARY STAMP/SEAL

Belinda Laffoon
Notary Signature
BELINDA LAFFOON
NOTARY PUBLIC - STATE OF FLORIDA
COMMISSION # DD301751
EXPIRES 3/28/2008
BONDED THRU 1-888-NOTARY1
(Revised Sept)

0704-32



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:

LOT 7, PALAWAN ESTATES, A SUBDIVISION ACCORDING TO PLAT THEREOF RECORDED IN PLAT BOOK 5, PAGE 49, PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

General description of Improvements: SINGLE FAMILY DWELLING

Owner and address: JOSHUA SHANE PAFFORD, 1635 CENTERVILLE AVE, FT. WHITE, FL 32038

Owner's Interest in site of the Improvements:

Inst:2007007565 Date:04/03/2007 Time:13:02

DC, P. Dewitt Cason, Columbia County B:1115 P:1

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

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

Surety (if any) _____
Address _____ Amount of Bond _____

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

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

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

This space for Recorder's Use Only:

Owner - Borrower

Joshua Shane Pafford

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 Joshua S. Pafford and _____, his wife, to me known to be the person(s) described in and executed the foregoing instrument and _____ acknowledged before me that _____ he _____ executed the same.

Witness my hand a official seal in the County and State Aforesaid this 30th day of March, A.D. 2007



Martha Bryan
Commission # DD232534
Expires August 10, 2007
Bentley Trust Insurance, Inc. 800-385-7019

Notary Public

Columbia County Property Appraiser

DB Last Updated: 4/11/2007

Parcel: 17-6S-16-03852-007

2007 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	RINKE ROBERT H & JANET P		
Site Address	PALAWAN ESTATES		
Mailing Address	626 BELMONT AVE TEMPLE TERRACE, FL 33617		
Use Desc. (code)	VACANT (000000)		
Neighborhood	17616.02	Tax District	3
UD Codes	MKTA02	Market Area	02
Total Land Area	0.950 ACRES		
Description	LOT 7 PALAWAN ESTATES S/D. ORB 651-202-204, 819-470 & 471 925-342,		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$16,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$16,000.00

Just Value	\$16,000.00
Class Value	\$0.00
Assessed Value	\$16,000.00
Exempt Value	\$0.00
Total Taxable Value	\$16,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
4/20/2001	925/342	WD	V	Q		\$7,500.00
3/16/1996	819/471	WD	V	Q		\$5,500.00
4/30/1988	651/202	AD	V	Q		\$5,300.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

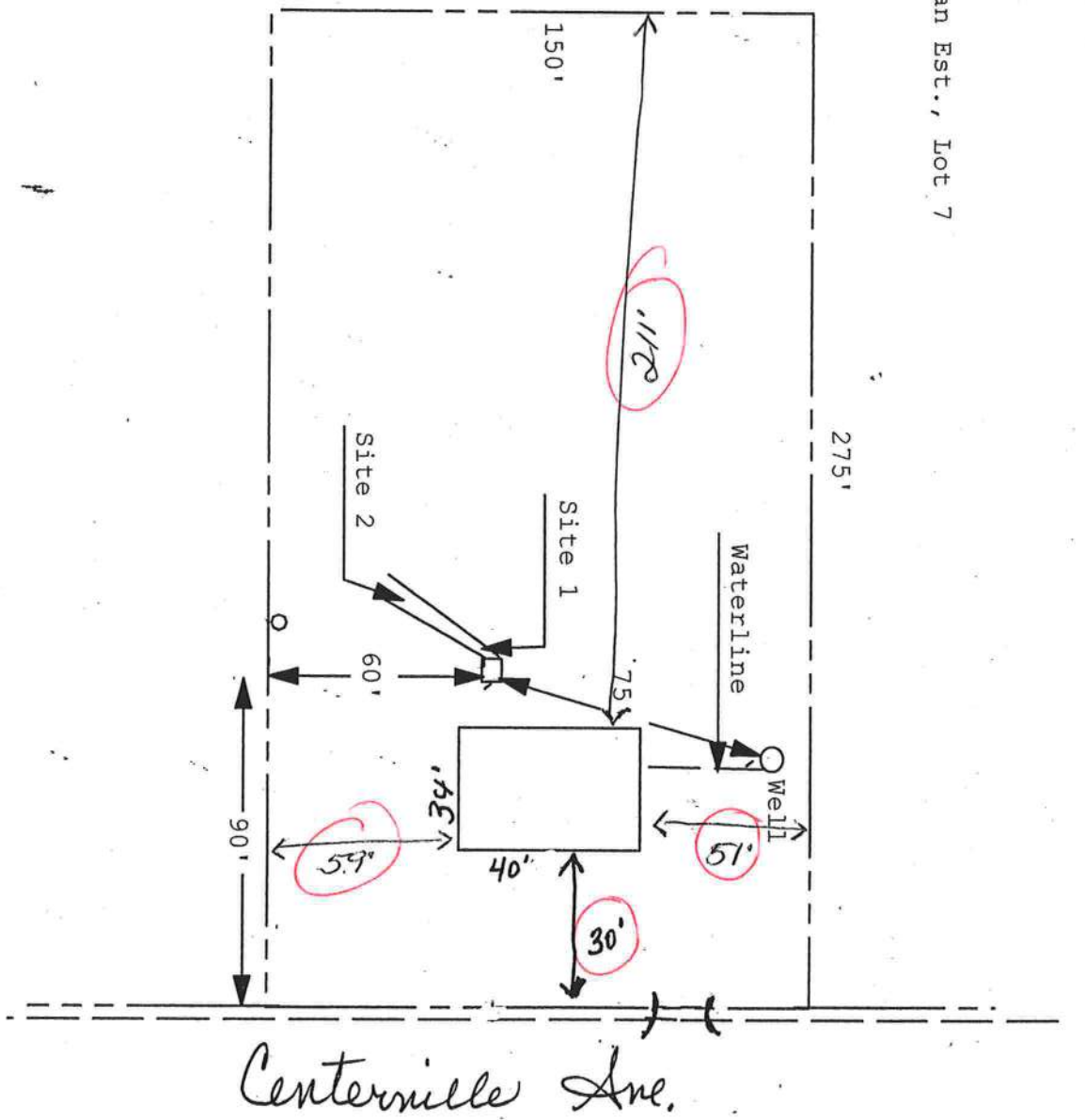
Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.950AC)	1.00/1.00/1.00/1.00	\$16,000.00	\$16,000.00

Columbia County Property Appraiser

DB Last Updated: 4/11/2007

1 of 1

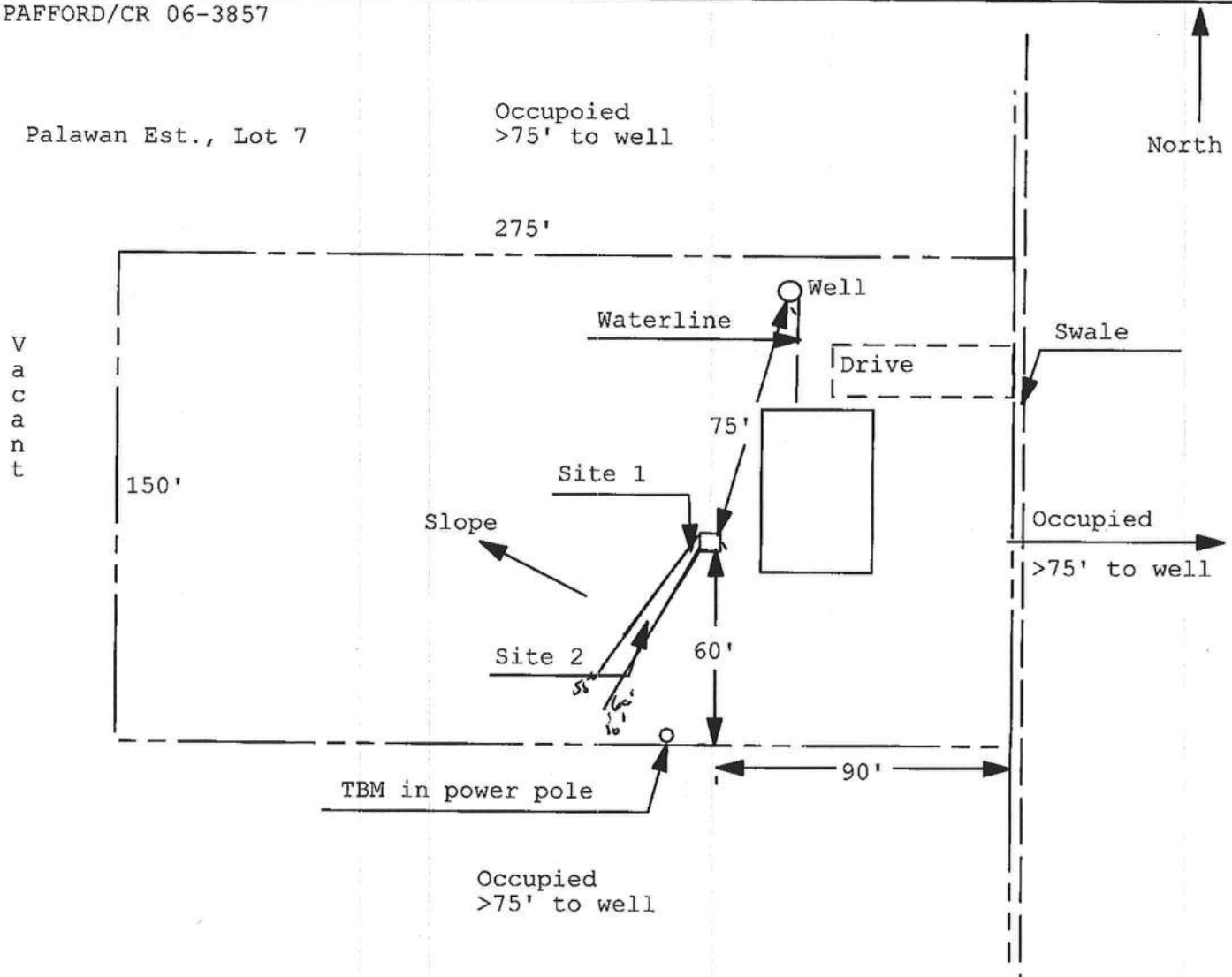
Palawan Est., Lot 7



**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 07-298

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PAFFORD/CR 06-3857



1 inch = 50 feet

Site Plan Submitted By Paul Lopez Date 1/25/07
 Plan Approved ☒ Not Approved ☐ Date 4-17-07

By Mr. A. Z. Columbia CPHU

Notes: _____

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: run_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: 4/3/2007 DATE ISSUED: 4/5/2007

ENHANCED 9-1-1 ADDRESS:

1644 SW CENTERVILLE AVE
FORT WHITE FL 32038
PROPERTY APPRAISER PARCEL NUMBER:
17-6S-16-03852-007

Remarks:

LOT 7 PALAWAN ESTATES S/D

Address Issued By


Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address

APR 05 2007

911Addressing/GIS Dept

*Gaylord Pump & Irrigation Inc.**P.O. Box 548**Bramford, N.J. 07008*

386-935-0932 Fax 386-935-0778

4" Steel Casing (schedule 40)

1-Hp Submersible pump 18 gpm

1-1/4" Galvanize pipe

PC-244 Challenger Diaphragm Tank (81 gallon tank with 21.9 gallons of draw down)

This equipment meets or exceeds state code of March 2002

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: CnS_58EX	Builder: C&S CONSTRUCTION
Address: -	Permitting Office: Columbia
City, State: COLUMBIA COUNTY, FL	Permit Number: 25758
Owner: C&S CONSTRUCTION	Jurisdiction Number: 221000
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 type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table border="0"> <tr> <td>a. U-factor:</td> <td>Description</td> <td>Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>85.0 ft²</td> </tr> <tr> <td>b. SHGC:</td> <td>7b. (Clear)</td> <td>85.0 ft²</td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td></td> <td></td> </tr> </table> 8. Floor types <table border="0"> <tr> <td>a. Slab-On-Grade Edge Insulation</td> <td>R=0.0, 160.3(p) ft</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 9. Wall types <table border="0"> <tr> <td>a. Frame, Wood, Exterior</td> <td>R=13.0, 1222.6 ft²</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> <tr> <td>d. N/A</td> <td></td> </tr> <tr> <td>e. N/A</td> <td></td> </tr> </table> 10. Ceiling types <table border="0"> <tr> <td>a. Under Attic</td> <td>R=30.0, 1389.9 ft²</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 11. Ducts <table border="0"> <tr> <td>a. Sup. Unc. Ret. Con. AH: Interior</td> <td>Sup. R=6.0, 130.0 ft</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> </table>	a. U-factor:	Description	Area	(or Single or Double DEFAULT)	7a. (Dble Default)	85.0 ft²	b. SHGC:	7b. (Clear)	85.0 ft²	(or Clear or Tint DEFAULT)			a. Slab-On-Grade Edge Insulation	R=0.0, 160.3(p) ft	b. N/A		c. N/A		a. Frame, Wood, Exterior	R=13.0, 1222.6 ft²	b. N/A		c. N/A		d. N/A		e. N/A		a. Under Attic	R=30.0, 1389.9 ft²	b. N/A		c. N/A		a. Sup. Unc. Ret. Con. AH: Interior	Sup. R=6.0, 130.0 ft	b. N/A		12. Cooling systems <table border="0"> <tr> <td>a. Central Unit</td> <td>Cap: 23.8 kBtu/hr SEER: 12.00</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 13. Heating systems <table border="0"> <tr> <td>a. Electric Heat Pump</td> <td>Cap: 25.6 kBtu/hr HSPF: 8.00</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 14. Hot water systems <table border="0"> <tr> <td>a. Electric Resistance</td> <td>Cap: 50.0 gallons EF: 0.93</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)</td> <td></td> </tr> </table> 15. HVAC credits CF, ☐ (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	a. Central Unit	Cap: 23.8 kBtu/hr SEER: 12.00	b. N/A		c. N/A		a. Electric Heat Pump	Cap: 25.6 kBtu/hr HSPF: 8.00	b. N/A		c. N/A		a. Electric Resistance	Cap: 50.0 gallons EF: 0.93	b. N/A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
a. U-factor:	Description	Area																																																							
(or Single or Double DEFAULT)	7a. (Dble Default)	85.0 ft²																																																							
b. SHGC:	7b. (Clear)	85.0 ft²																																																							
(or Clear or Tint DEFAULT)																																																									
a. Slab-On-Grade Edge Insulation	R=0.0, 160.3(p) ft																																																								
b. N/A																																																									
c. N/A																																																									
a. Frame, Wood, Exterior	R=13.0, 1222.6 ft²																																																								
b. N/A																																																									
c. N/A																																																									
d. N/A																																																									
e. N/A																																																									
a. Under Attic	R=30.0, 1389.9 ft²																																																								
b. N/A																																																									
c. N/A																																																									
a. Sup. Unc. Ret. Con. AH: Interior	Sup. R=6.0, 130.0 ft																																																								
b. N/A																																																									
a. Central Unit	Cap: 23.8 kBtu/hr SEER: 12.00																																																								
b. N/A																																																									
c. N/A																																																									
a. Electric Heat Pump	Cap: 25.6 kBtu/hr HSPF: 8.00																																																								
b. N/A																																																									
c. N/A																																																									
a. Electric Resistance	Cap: 50.0 gallons EF: 0.93																																																								
b. N/A																																																									
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)																																																									

Glass/Floor Area: 0.09

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: [Signature]

DATE: 02/05/16 Apr 21/17

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-24-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				Tank	EF	Number of	X	Tank X	Multiplier X
Number of		Multiplier	=	Volume		Bedrooms		Ratio	Credit = Total
Bedrooms									Multiplier
3		2635.00		50.0	0.93	3		1.00	2606.67
		7905.0							1.00
									7820.0
				As-Built Total:					7820.0

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	Cooling	+	Heating	+	Hot Water
Points		Points		Points	Points		Points		Points
=				Total	=				Total
Points				Points	Points				Points
7281		7174		7905	4225		6389		7820
				22360					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 (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Heating Points
11434.2		0.6274	7173.8	(sys 1: Electric Heat Pump 25600 btuh ,EFF(8.0) Ducts:Unc(S),Con(R),Int(AH),R6.0 13006.6 1.000 (1.060 x 1.169 x 0.93) 0.426 1.000 6389.0		1.00		1.152		0.426		1.000	6389.0
11434.2		0.6274	7173.8	13006.6		1.00		1.152		0.426		1.000	6389.0

(sys 1: Electric Heat Pump 25600 btuh ,EFF(8.0) Ducts:Unc(S),Con(R),Int(AH),R6.0

13006.6 1.000 (1.060 x 1.169 x 0.93) 0.426 1.000 6389.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Point			
.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	3014.2	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
17067.1	0.4266		7280.8	13860.0	1.00	1.128	0.284	0.950		4225.4

(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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	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	-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	___	c. N/A	___
6. Conditioned floor area (ft ²)	1329.94 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area		a. Electric Heat Pump	Cap: 25.6 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 85.0 ft ²	___		HSPF: 8.00
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 85.0 ft ²	___	c. N/A	___
8. Floor types		___		___
a. Slab-On-Grade Edge Insulation	R=0.0, 160.3(p) ft	___	14. Hot water systems	
b. N/A		___	a. Electric Resistance	Cap: 50.0 gallons
c. N/A		___		EF: 0.93
9. Wall types		___	b. N/A	___
a. Frame, Wood, Exterior	R=13.0, 1222.6 ft ²	___	c. Conservation credits	___
b. N/A		___	(HR-Heat recovery, Solar	
c. N/A		___	DHP-Dedicated heat pump)	
d. N/A		___	15. HVAC credits	CF, ___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		___	HF-Whole house fan,	
a. Under Attic	R=30.0, 1389.9 ft ²	___	PT-Programmable Thermostat,	
b. N/A		___	MZ-C-Multizone cooling,	
c. N/A		___	MZ-H-Multizone heating)	
11. Ducts		___		
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 130.0 ft	___		
b. N/A		___		

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



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

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

Residential System Sizing Calculation

Summary

C&S CONSTRUCTION
COLUMBIA COUNTY, FL

Project Title:
CnS_58EX

Code Only
Professional Version
Climate: North

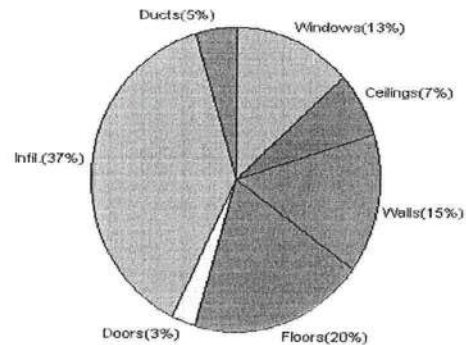
28-Feb-07

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)

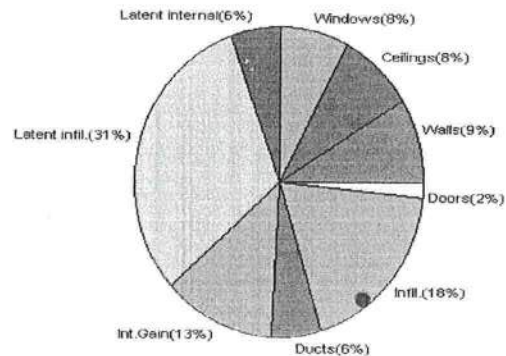
Load component	Load
Window total 120 sqft	3396 Btuh
Wall total 1223 sqft	3790 Btuh
Door total 40 sqft	718 Btuh
Ceiling total 1390 sqft	1807 Btuh
Floor total 160 ft	5066 Btuh
Infiltration 223 cfm	9579 Btuh
Subtotal	24356 Btuh
Duct loss	1218 Btuh
TOTAL HEAT LOSS	25574 Btuh



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: *[Signature]*

DATE: *AN 7005 16 Apr 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

Project Title:

Code Only

COLUMBIA COUNTY, FL

CnS_58EX

Professional Version

Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

28-Feb-07

Window	Type	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
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	
	Frame - Exterior	13.0				1222.6		1.7		2127 Btuh	
	Wall Total					1222.6				2127	Btuh
Doors	Type	R-Value				Area		HTM		Load	
	Wood - Exter					40.0		10.0		399 Btuh	
	Door Total					40.0				399	Btuh
Ceilings	Type/Color	R-Value				Area		HTM		Load	
	Under Attic/Dark	30.0				1389.9		1.4		1974 Btuh	
	Ceiling Total					1389.9				1974	Btuh
Floors	Type	R-Value				Size		HTM		Load	
	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 Building Department
Culvert Permit**

**Culvert Permit No.
000001374**

DATE 04/30/2007 PARCEL ID # 17-6S-16-03852-007
APPLICANT LAVONNE COX PHONE 755-7200
ADDRESS 456 SE ERMINE AVE LAKE CITY FL 32025
OWNER JOSH SHANE PAFFORD PHONE 755-7019
ADDRESS 1644 SW CENTERVILLE AVE FT. WHITE FL 32038
CONTRACTOR RICHARD COX PHONE 755-7200
LOCATION OF PROPERTY 47S, TR ON ELM CHURCH RD, TR ON CENTERVILLE AVE, LESS THAN
ONE MILE ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PALAWAN EST. 7

SIGNATURE

Lavonne Cox

INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

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

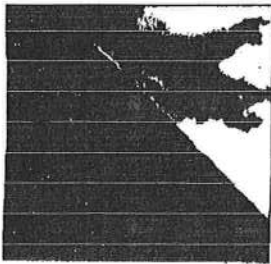
135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00

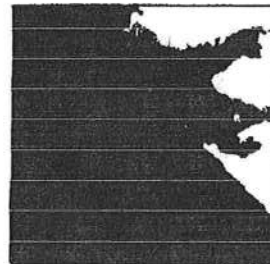




ELK



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size	13 1/4" x 39 3/4"	50-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5 1/2"	
Pieces/Bundle	16	
Bundles/Square	4/98.6 sq.ft.	
Squares/Pallet	11	

Raised Profile

Product size	13 1/4" x 38 3/4"	30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5 1/2"	
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Prestique I *High Definition*

Product size	13 1/4" x 39 3/4"	40-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5 1/2"	
Pieces/Bundle	16	
Bundles/Square	4/98.6 sq.ft.	
Squares/Pallet	14	

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™

Size: 12" x 12"
Exposure: 8 1/2"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Prestique *High Definition*

Product size	13 1/4" x 38 3/4"	30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.
Exposure	5 1/2"	
Pieces/Bundle	22	
Bundles/Square	3/100 sq.ft.	
Squares/Pallet	16	

Elk Starter Strip

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

Available Colors: Antique Slate, Weatheredwood, Shalwood, 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 3482.

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 followed.

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

...with 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

...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

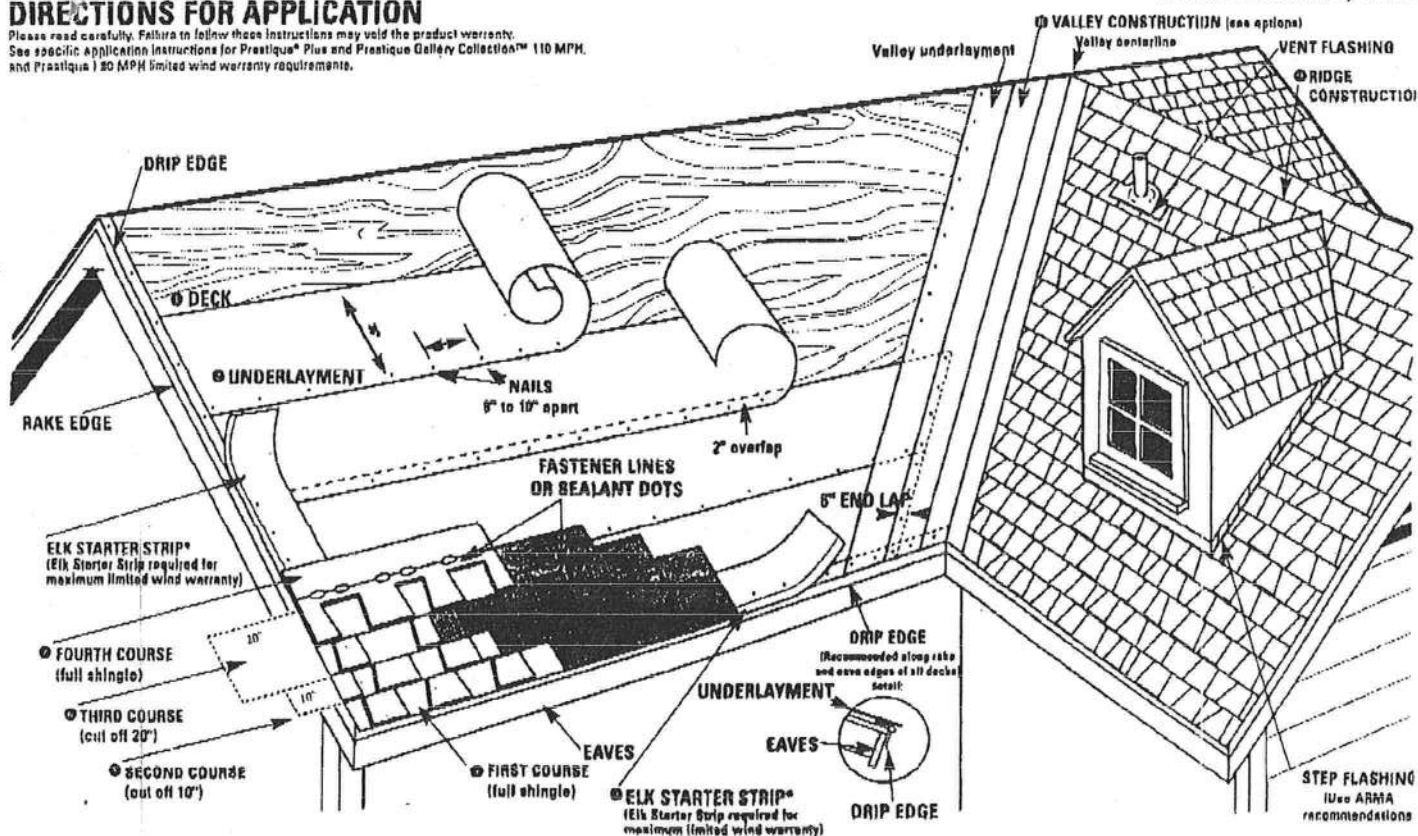
ELK 
www.elkcorp.com

SS000T 01 12

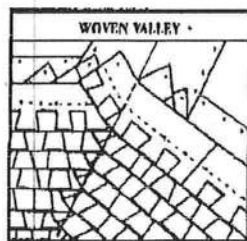
TUSCALOOSA, AL

DIRECTIONS FOR APPLICATION

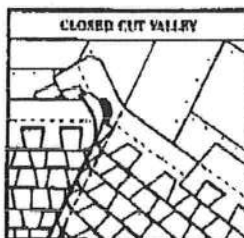
Please read carefully. Failure to follow these instructions may void the product warranty. See specific Application Instructions for Prestique® Plus and Prestique Gallery Collection™ 110 MPH and Prestique 120 MPH limited wind warranty requirements.



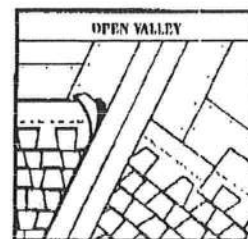
● VALLEY CONSTRUCTION OPTION (California Open and California Closed are also acceptable) NOTE: For complete ARMA valley installation details, see ARMA Residential Asphalt Roofing Manual



VALLEY CENTER LINE



VALLEY CENTER LINE



VALLEY CENTER LINE

DIRECTIONS FOR APPLICATION

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

● DECK PREPARATION

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

● UNDERLAYMENT

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

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 18". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

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

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

● FOURTH COURSE

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

FIFTH AND SUCCEEDING COURSES.

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

● VALLEY CONSTRUCTION

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

● RIDGE CONSTRUCTION

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

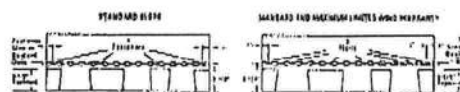
FASTENERS

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

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

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

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

**HELP STOP BLOW-OFFS AND CALL-BACKS**

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



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

flashing membrane.

For low slope (3/12 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.

④ 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.

⑤ 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.

⑥ SECOND COURSE

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

⑦ THIRD COURSE

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

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

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

MANSARD APPLICATIONS

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

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 8 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

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.

© 2002 Elk Corporation of Dallas.

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

ELK 
www.elkcorp.com

FLORIDA DEPARTMENT OF Community Affairs



Community
Affairs

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



Product Approval

USER: Public User

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

COMMUNITY PLANNING

HOUSING & COMMUNITY
DEVELOPMENT

EMERGENCY
MANAGEMENT

OFFICE OF THE
SECRETARY

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

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
<u>FL6023</u>	New	MI Windows and Doors Category: Windows Subcategory: Casement	
<u>FL6024</u>	New	MI Windows and Doors Category: Windows Subcategory: Horizontal Slider	
<u>FL6028</u>	New	MI Windows and Doors Category: Windows Subcategory: Fixed	
<u>FL6029</u> ✓	New	MI Windows and Doors Category: Windows Subcategory: Single Hung	
<u>FL6489</u>	New	MI Windows and Doors Category: Windows Subcategory: Mullions	Steven (717) 7
<u>FL6499</u> ✓	New	MI Windows and Doors Category: Windows Subcategory: Single Hung	
<u>FL6501</u>	New	MI Windows and Doors Category: Windows Subcategory: Double Hung	
<u>FL6502</u>	New	MI Windows and Doors Category: Windows Subcategory: Horizontal Slider	
<u>FL6503</u>	New	MI Windows and Doors Category: Windows Subcategory: Fixed	
<u>FL6679</u>	New	MI Windows and Doors Category: Windows Subcategory: Fixed	
Go to Page GO 14			

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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

Product Approval Accepts:



FLORIDA DEPARTMENT OF Community Affairs



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



Product Approval

USER: Public User

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

COMMUNITY PLANNING

HOUSING & COMMUNITY DEVELOPMENT

EMERGENCY MANAGEMENT

OFFICE OF THE SECRETARY

Search Criteria

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

Search Results - Applications

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

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

DCA Administration

**Department of Community Affairs
Florida Building Code Online
Codes and Standards**

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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

Product Approval Accepts:



COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

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

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

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

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

Applicant Plans Examiner

☐

☒

All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans

☐

☒

Designer's name and signature on document (FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed

☐

☒

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 section 1606.1.7 FBC
 - a. Basic wind speed (MPH)
 - b. Wind importance factor (I) and building category
 - c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
 - d. The applicable internal pressure coefficient
 - e. Components and Cladding. The design wind pressure in terms of psf (kN/m^2), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

☐

☒

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
- 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.(FBC 1707)and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance(vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

☐
☐
☐
☐
☐

☒
☒
☒
☒
☒

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

Roof System

☐

☒

- a) Truss package including:
 - 1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
 - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including
 - 1. Rafter size, species and spacing
 - 2. Attachment to wall and uplift
 - 3. Ridge Beam sized and valley framing and support details
 - 4. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐

NA

Wall Sections including:

☐

NA

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

welded wire fabric reinforcement and supports

11. Indicate where pressure-treated wood will be placed

12. Provide insulation R value for the following:

- a. Attic space
- b. Exterior wall cavity
- c. Crawl space (if applicable)

b) Wood Frame wall

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

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

Floor Framing System

- a) Floor truss package including layout and details signed and sealed by Fl. Reg. P.E.
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathrooms

- ☐
- ☐

AA

Energy Calculations (dimensions shall match plans)

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

Disclosure Statement for Owner Builders

Notice of Commencement

Private Potable Water

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle Stop Valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

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

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

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

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

5. **Flood Information:** All,projects within the Floodway of the Suwannee or Santa Fe Rivers shall requie permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) has not been established shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED**

FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.

A development permit will also be required (\$10.00).

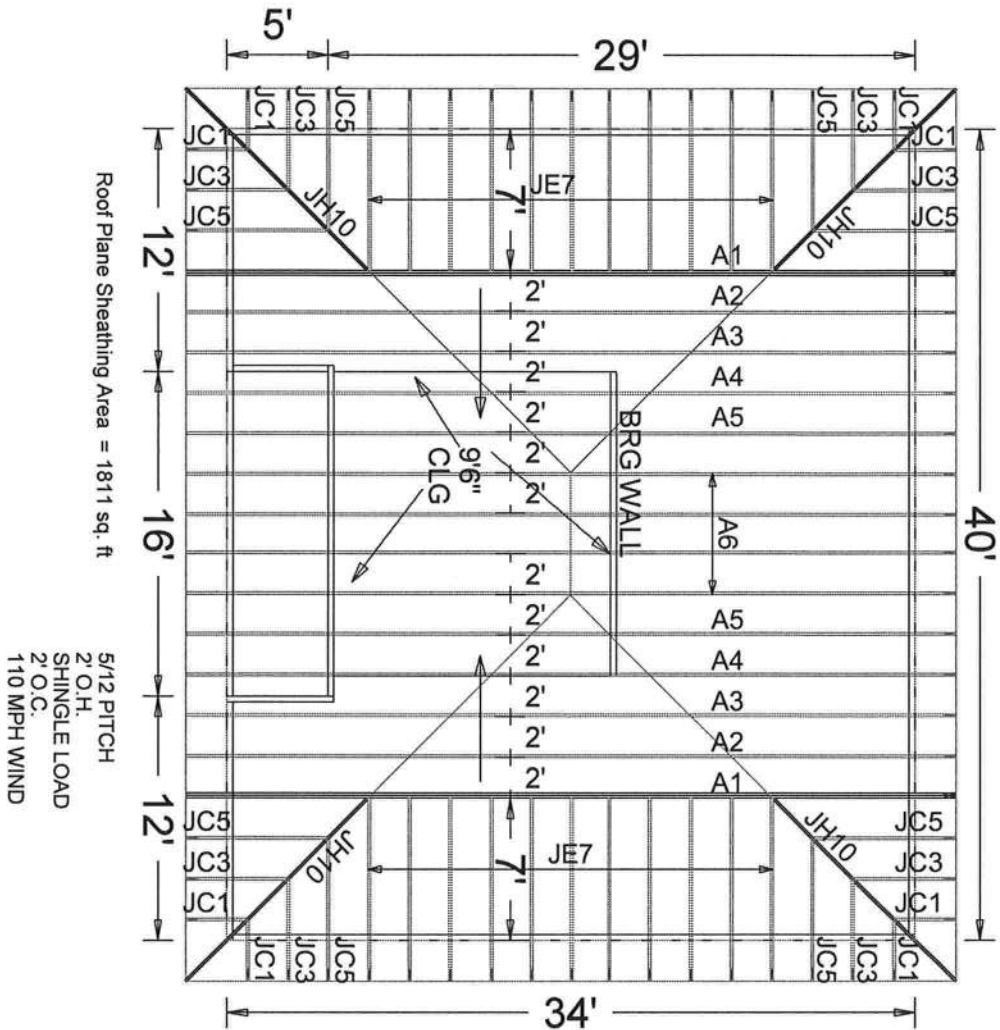
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made (\$5.00). If applicant feels that a culvert is not needed then they may apply for a culvert waiver (\$25.00). The waiver is either approved or denied by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

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

**COLUMBIA COUNTY BUILDING DEPARTMENT
CHECKLIST FOR PERMITTING**

Revised (9-22-06)

✓	Notarized completed Building Permit Application	
	Notes:	
	If an Owner Builder, Notarized Disclosure Statement	
	Notes:	
✓	Recorded Deed or a Notarized Affidavit (form from the Building Dept.)	
	Notes:	
✓	Approved and Signed Site Plan from Environmental Health on the septic	
	Notes:	
✓	Site plan with actual distances of the structure to each property line	
	Notes:	
✓	911 Address form, Contact 386.752.8787 for an appointment	
	Notes:	
✓	Residential or Commercial Checklist completed	
	Notes:	
✓	Driving directions including all road names	
	Notes:	
✓	Well information (on plans or letter from the well driller)	
	Notes:	
✓	Before the 1st inspection Recorded Notice of Commencement signed by owner	
	Notes:	
✓	2 sets of plans (blueprints)	
	Notes:	
✓	2 sets of sealed truss engineering	
	Notes:	
✓	2 sets of energy code & manual J	
	Notes:	
✓	2 sets of engineering packets including specs on windows, doors, roof and etc. and/or Product Approval Code.	
	Notes:	



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.

Job Name: PAFFORD
 Customer: C&S CONSTRUCTION
 Designer: Chris McCall

JOB NO:

4473

PAGE NO:

1 OF 1

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
Page 1 of 1 Document ID: IT66215-Z0502153609

Truss Fabricator: W.B. Howland
Job Identification: 4473-/PAFFORD /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

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	16459--A1		07092076	04/02/07
2	16460--A2		07092081	04/02/07
3	16461--A3		07092082	04/02/07
4	16462--A4		07092083	04/02/07
5	16463--A5		07092084	04/02/07
6	16464--A6		07092085	04/02/07
7	16465--JC1		07092079	04/02/07
8	16466--JC3		07092078	04/02/07
9	16467--JC5		07092077	04/02/07
10	16468--JE7		07092080	04/02/07
11	16469--JH10		07092086	04/02/07



Seal Date: 04/02/2007

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



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.

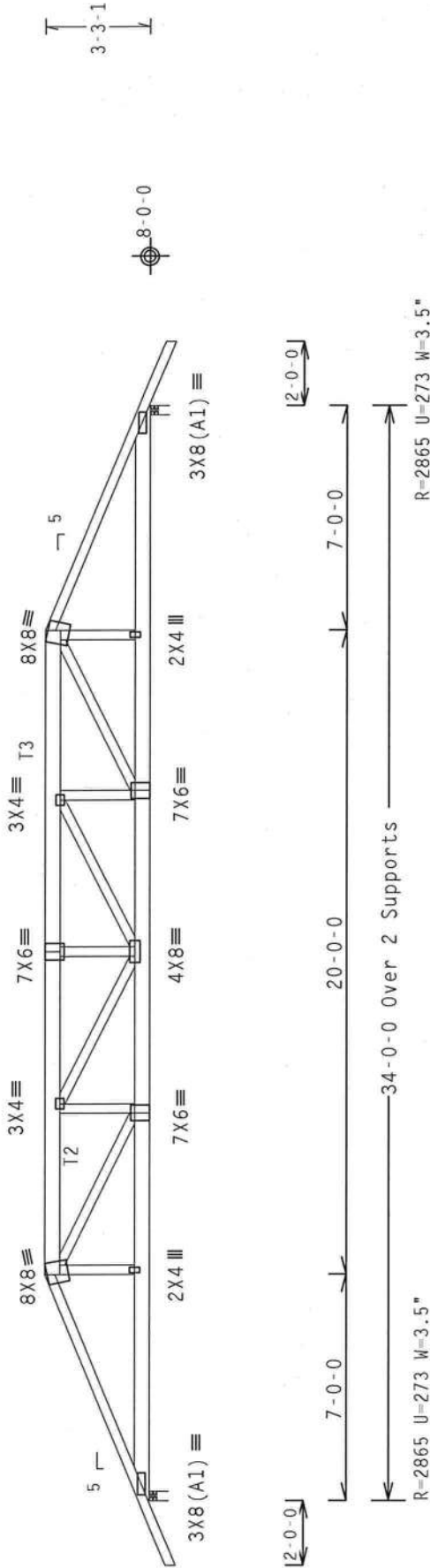
Deflection meets L/240 live and L/180 total load.

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.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.25.0503

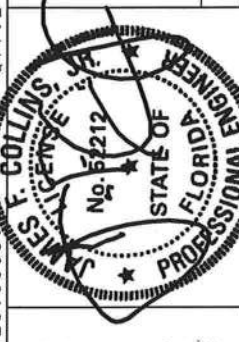
QTY: 2

FL / - / 5 / - / R / -

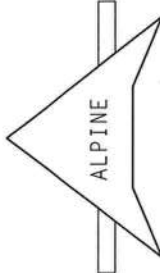
Scale = .1875" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 EAST STATE STREET, SUITE 100, DENVER, CO 80231) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE 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. THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P&A) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/10/16GA (M/H/SS/K) ASTM A653 GRADE 40/60 (M. K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.



TC LL	20.0 PSF	REF	R215--	16459
TC DL	10.0 PSF	DATE	04/02/07	
BC DL	10.0 PSF	DRW	HCUSR215	07092076
BC LL	0.0 PSF	HC-ENG	MMN/WHK	
TOT.LD.	40.0 PSF	SEQN-	172437	
DUR.FAC.	1.25	FROM	CDM	

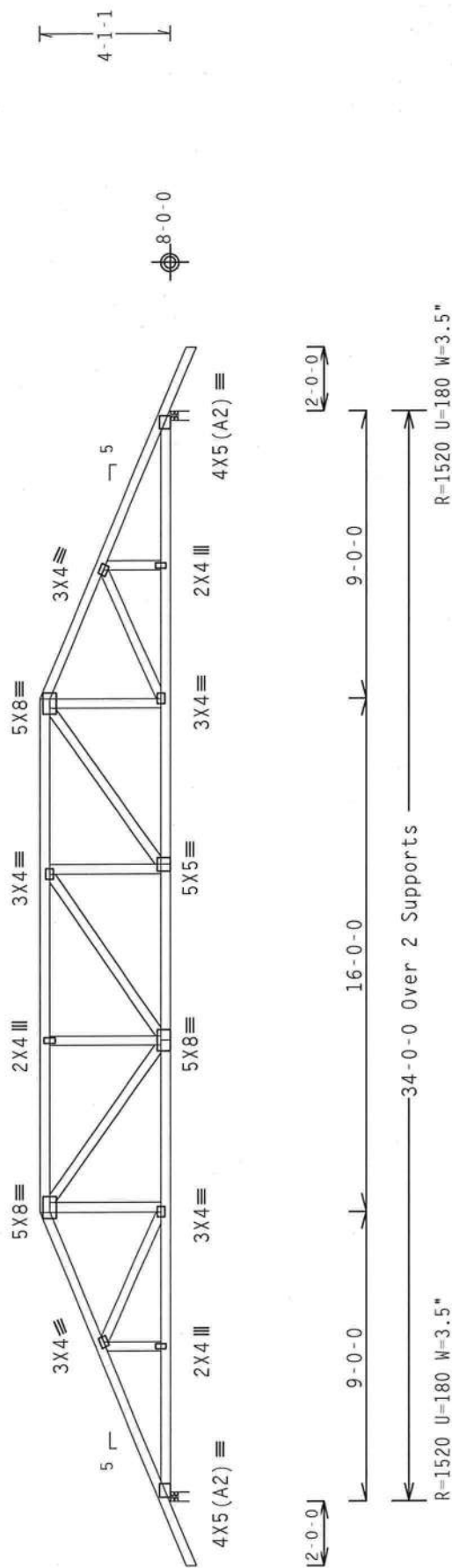


ITW Building Components Group, Inc.
11-2-2006 11:25 AM 11/2/06

110 mph wind, 15.00 ft mean ht, 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. $I_w=1.00$ GCp1 (+/-)=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.



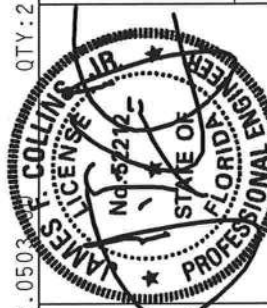
Design Cell: IFT-2002 (310) / FBC

 $Cq/RT=1.00(1.25)/10(0)$ 7.25.0503

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

Scale = .1875"/Ft.

TC LL	20.0	PSF	REF R215-- 16460
TC DL	10.0	PSF	DATE 04/02/07
BC DL	10.0	PSF	DRW HCUR215 07092081
BC LL	0.0	PSF	HC-ENG MNN/WHK *
TOT.LD.	40.0	PSF	SEQN- 172441
DUR.FAC.	1.25		FROM CDM



WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATING, 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 MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WAUWATONIA, WI 53191) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group, Inc.

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

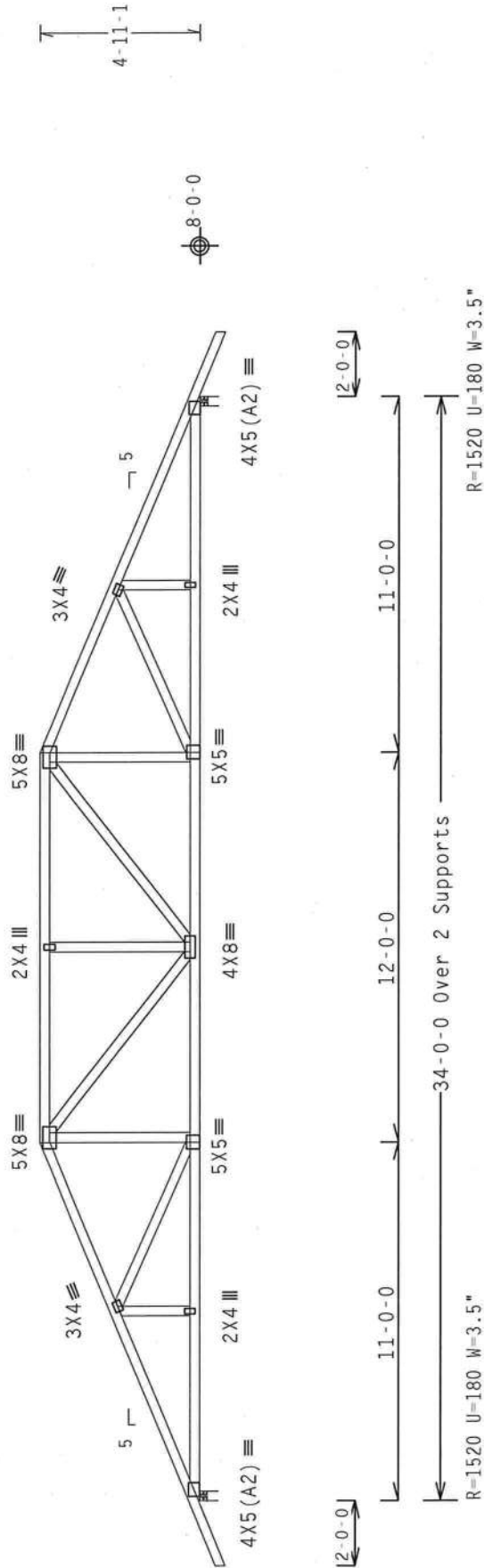
Wind reactions based on MWFRS pressures.

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. lw=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

Cq/RT=1.00(1.25)/10(0)

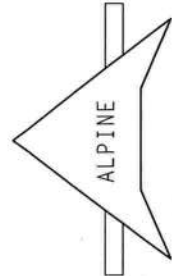
7.25.0503

QTY: 2

Scale = .1875" / Ft.

TC LL	20.0 PSF	REF	R215--	16461
TC DL	10.0 PSF	DATE	04/02/07	
BC DL	10.0 PSF	DRW	HCUSR215	07092082
BC LL	0.0 PSF	HC-ENG	MNM/WHK	*
TOT.LD.	40.0 PSF	SEQN-	172445	
DUR.FAC.	1.25	FROM	CDM	

PLT TYP. Wave



ITW Building Components Group, Inc.



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BGL, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR DESTRUCTION OF THE TRUSS IN COMPLIANCE WITH THE DESIGN. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ALP AND TPI. ITW BGL CONNECTOR PLATES ARE MADE OF 2010/16GA (W-H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE DURABILITY AND USE OF THIS COMPONENT END ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

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

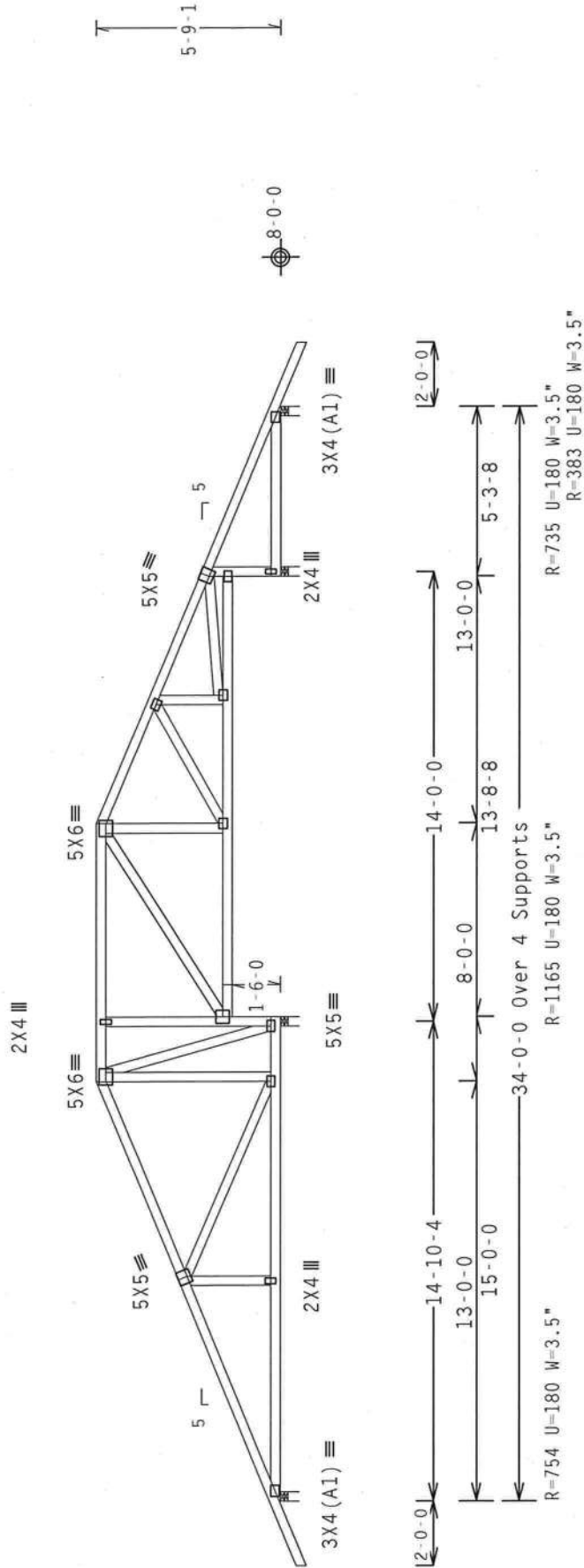
Wind reactions based on MWFRS pressures.

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. $I_w=1.00$ 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

Cq/RT=1.00(1.25)/10(0)

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

Scale = .1875" / Ft.

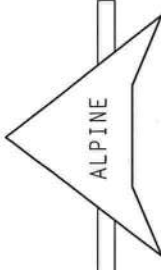
PLT TYP. Wave

****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 WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR DESTRUCTION OF THE TRUSS IN COMPLIANCE WITH TPI OR FABRICATING HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITN BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/55/K) ASTM A653 GRADE 40/60 (W. K/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER.



TC LL	20.0 PSF	REF	R215--	16462
TC DL	10.0 PSF	DATE	04/02/07	
BC DL	10.0 PSF	DRW	HCUSR215	07092083
BC LL	0.0 PSF	HC-ENG	MNM/WHK	
TOT.LD.	40.0 PSF	SEQN-	172449	
DUR.FAC.	1.25	FROM	CDM	



ITW Building Components Group, Inc.

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

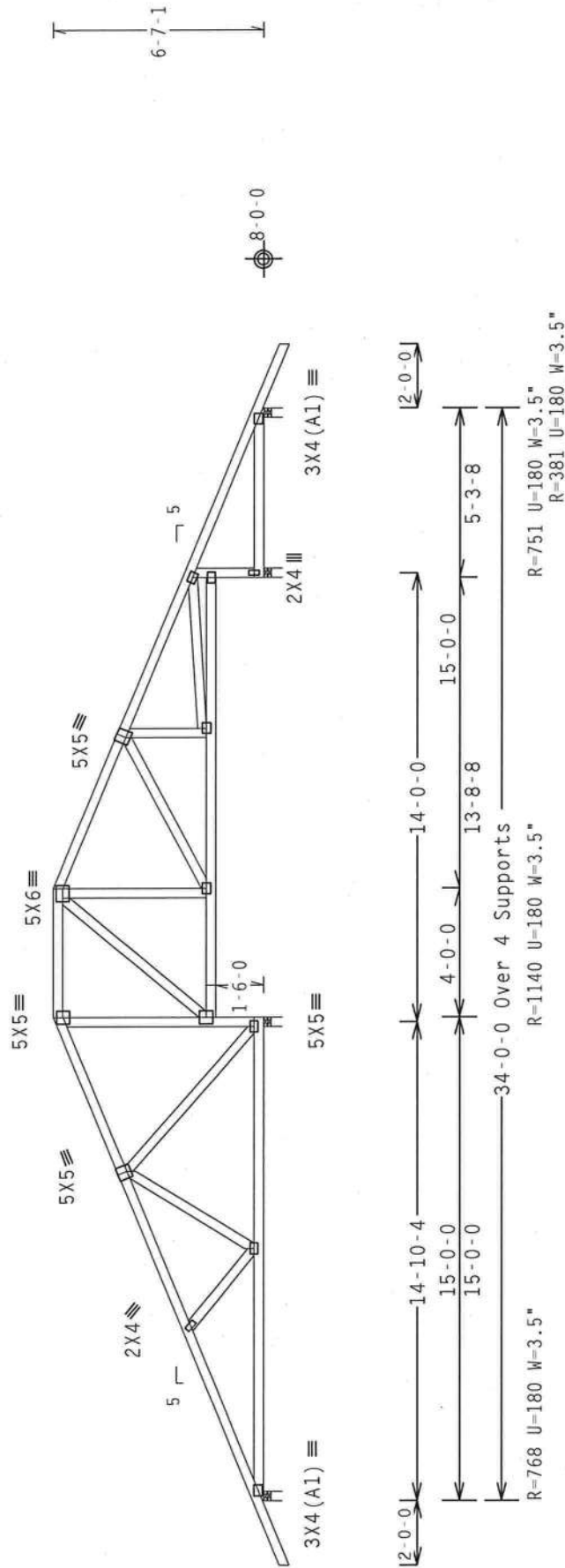
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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.

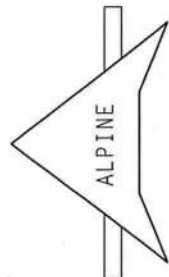
TC LL	20.0 PSF	REF R215 - 16463
TC DL	10.0 PSF	DATE 04/02/07
BC DL	10.0 PSF	DRW HCUR215 07092084
BC LL	0.0 PSF	HC-ENG MNN/WHK
TOT.LD.	40.0 PSF	SEQN - 172453
DUR.FAC.	1.25	FROM CDM



WARNING—TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALWAYS USE PROPER LIFTING TECHNIQUES. FOR MORE INFORMATION, CONTACT THE TRUSS MANUFACTURER. TRUSS MANUFACTURER'S PUBLICATIONS BY THE FOLLOWING: 1. TRUSSING, INC., 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314; AND PTCA TRUSS COUNCIL OF AMERICA, 6300 NORTHLAKE LANE, WAUWATOSA, WI 53190. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****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 THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/10/16GA. (0.155 IN.) ASTM A653 GRADE 40/60 (4, 8/1/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIMENSIONS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AREA AS OF TPI-1-2602 SEC.3-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

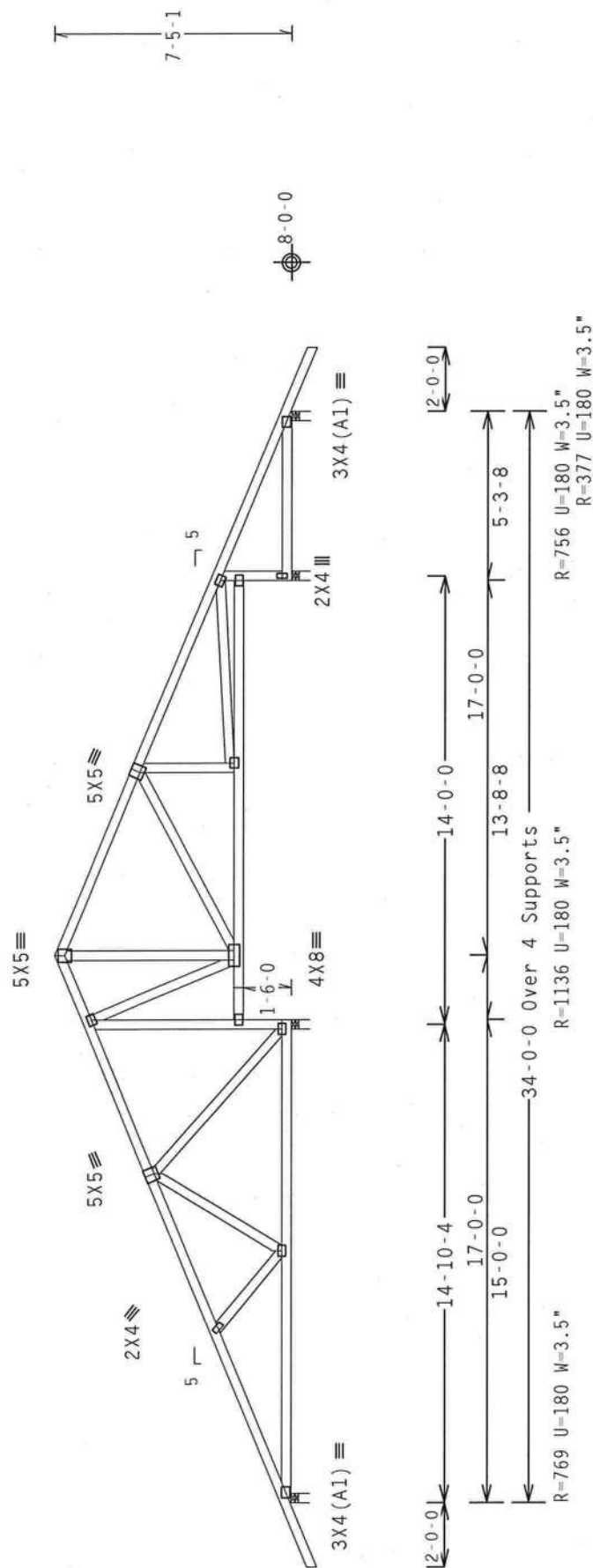


ITW Building Components Group, Inc.

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. $I_w=1.00$ GCPI (+/-)=0.18

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

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT = 1.00(1.25)/10(0)$$

QTY:4 FL/-/5/-/-/R/- Scale = .1875" / Ft.

0503

TC LL	20.0	PSF	REF R215-- 16464
TC DL	10.0	PSF	DATE 04/02/07
BC DL	10.0	PSF	DRW HCUR215 07092085
BC LL	0.0	PSF	HC-ENG MNM/WHK
TOT.LD.	40.0	PSF	SEQN- 172457
DUR.FAC.	1.25		FROM CDM



WARNING- TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL BEAMS MUST BE SHIPPED WITH PROPER END LASHING BY THE MANUFACTURER TO PREVENT DAMAGE TO THE CHORDS. NORTH LEE STREET, SUITE #200
NORTH LEE STREET, SUITE 312, ALEXANDRIA VA, 22314) AND WCTA TRUSS, COUNCIL OF AMERICA,
ENTERPRISE LANE, WAUWATOSA, WI 53219). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY REVISIONS FROM THIS DESIGN. THE USER SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH THE FOLLOWING SPECIFICATIONS:

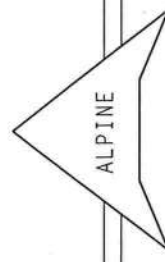
TYPE: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/7684 (M-/55/5K) ASTM A653 GRADE 40/40 (M./K/H-SS). STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

INSPECTION OF PLATES DISCLOSED BOTH BEFORE AND AFTER ERECTION SHALL BE AT THE USER'S RISK. A SEAL ON THIS DRAWING SHALL BE REQUIRED TO VERIFY THAT THE CORRECT TYPE OF PLATE IS USED FOR THE ELEMENTS OF THE TRUSS.

SUITABILITY AND USE OF THIS COMPONENT OF THE BUILDING IS, THE RESPONSIBILITY OF THE USER. THE DESIGN SHOWN



TTW Building Components Group, Inc.

TC LL	20.0	PSF	REF R215-- 16465
TC DL	10.0	PSF	DATE 04/02/07
BC DL	10.0	PSF	DRW HCURS215 07092079
BC LL	0.0	PSF	HC-ENG MNM/WHK
TOT.LD.	40.0	PSF	SEQN- 172469
DUR.FAC.	1.25		FROM CDM

FL / - / 5 / - / - / R / -		Scale = .5" / Ft.
TC LL	20.0 PSF	REF R215 - - 16466
TC DL	10.0 PSF	DATE 04/02/07
BC DL	10.0 PSF	DRW HCUR215 07092078
BC LL	0.0 PSF	HC-ENG MNM/WHK *
TOT.LD.	40.0 PSF	SEQN- 172473
DUR.FAC.	1.25	FROM CDM

(4473-PAFFORD /C&S CONSTRUCTION -- LAKE CITY, FL - JC5)

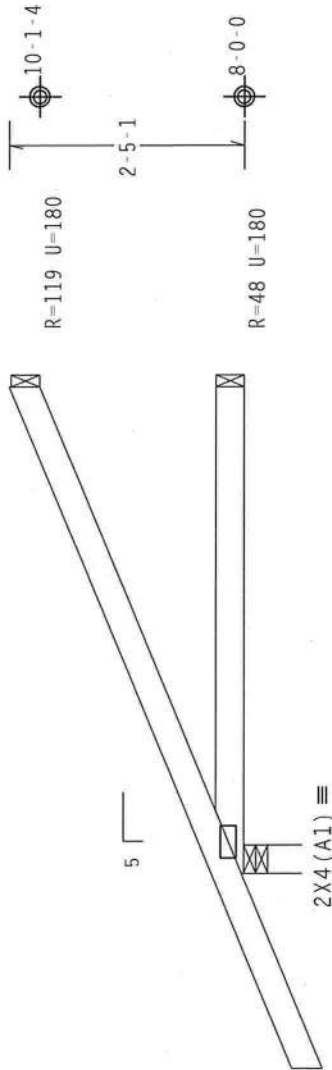
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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. $lw=1.00$ $G_{CPI}(+/-)=0.18$

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



← 2-0-0 →

← 5-0-0 Over 3 Supports →
R-373 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

QTY: 8

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

Scale = .5"/Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/166A (4-H/SS/K) ASTM A653 GRADE 40/60 (4, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

PLT TYP. Wave

QTY: 8

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

Scale = .5"/Ft.

REF R215-- 16467

DATE 04/02/07

DRW HCUR215 07092077

HC-ENG MNM/WHK *

SEQN- 172477

FROM CDM

DUR.FAC. 1.25

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

FROM CDM

James F. Collins, P.E.

No. 52212

STATE OF FLORIDA

PROFESSIONAL ENGINEER

ITW Building Components GmbH Inc.

COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 17-6S-16-03852-007

Building permit No. 000025758

Use Classification SFD/UTILITY

Fire: 16.74

Permit Holder RICHARD COX

Waste: 50.25

Owner of Building JOSH SHANE PAFFORD

Total: 66.99

Location: 1644 SW CENTERVILLE AVE, FT. WHITE, FL

Date: 07/11/2007



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment

12508

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

Address: 536 SE Baya Ave

City: LAKE CITY Phone: 752-1703

Site Location: Subdivision

Lot # _____ Block# _____ Permit # 25758

Address: 1644 SW Centerville Ave Ft. White

Product used

Active Ingredient

% Concentration

☐ Dursban TC Chlorpyrifos 0.5%

☐ Termidor Fipronil 0.06%

☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☐ Soil

☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling

1373

468

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 _____.

6-11-07
Date

8:30
Time

F299
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

6/04

©

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 4-16-07

1644 Sw Centerville Ave.

(Address of Treatment or Lot/Block of Treatment)

City

Florida Pest Control & Chemical Co.

www.flapest.com

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

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

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

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