

Columbia County Building Permit Application

left message 1/5/06
Revised 9-23-04

For Office Use Only Application # 0512-61 Date Received 12-27-05 By LH Permit # 24020
Application Approved by - Zoning Official BLK Date 05-01-06 Plans Examiner OKTH Date 12-30-05
Flood Zone X Per Permit Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments NOC Section 2.3.1 MH to be removed before CO. is issued
Have Existing well - MH removed

Applicants Name WOLF SCHROM Phone 813-786-0730
Address PO BOX 656, LIVE OAK, FL 32064 Phone 813-786-0730
Owners Name RHONDA & J.T. PARK Phone 386-397-5247
911 Address 1391 BIRLEY AVE, LAKE CITY, FL
Contractors Name WOLF SCHROM Phone 813-786-0730
Address PO BOX 656, LIVE OAK, FL 32064
Fee Simple Owner Name & Address WOLF SCHROM
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address MARK DISOSWAY P.E., PO BOX 868, LAKE CITY, FL 32056
Mortgage Lenders Name & Address N/A

Circle the correct power company FL Power & Light Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 05-45-16-02775-002 Estimated Cost of Construction 150,000.-

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____
Driving Directions HIGHWAY 90 WEST, TURN LEFT ON COUNTRY ROAD 252, TURN RIGHT ON BIRLEY ROAD, 1/2 MILE ON RIGHT

Type of Construction RESIDENTIAL HOUSE Number of Existing Dwellings on Property NON
Total Acreage 1.6 Lot Size 338/208' Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 149' Side 94' Side 48' Rear 135'
Total Building Height 23' Number of Stories 1 Heated Floor Area 1987.8 Roof Pitch 8/12
PORCH 253 GARAGE 620 TOTAL 2843

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.

Owner Builder or Agent (Including Contractor) _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 27th day of Dec. 2005.
Personally known ✓ or Produced Identification _____

Contractor Signature _____
Contractors License Number GC# 47190
Competency Card Number _____
NOTARY STAMP/SEAL

Jennifer McMillan
Notary Signature
JENNIFER McMILLAN
Notary Public, State of Florida
My commission expires Feb. 9, 2009
No. DD 394775

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

2005 Proposed Values

Parcel: 05-4S-16-02775-002 HX

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	PARK JAMES DANIEL
Site Address	BIRLEY
Mailing Address	1391 SW BIRLEY AVE LAKE CITY, FL 32024
Brief Legal	N 208.71 FT OF W 208.71 FT OF S 528 FT OF NW1/4 OF NE1/4. ORB 739-765

Use Desc. (code)	MOBILE HOM (000200)
Neighborhood	5416.00
Tax District	2
UD Codes	MKTA01
Market Area	01
Total Land Area	1.000 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (2)	\$16,040.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$37,944.00
XFOB Value	cnt: (4)	\$1,900.00
Total Appraised Value		\$55,884.00

Just Value		\$55,884.00
Class Value		\$0.00
Assessed Value		\$36,359.00
Exempt Value	(code: HX)	\$25,000.00
Total Taxable Value		\$11,359.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
12/5/1990	739/765	WD	V	U	03	\$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1990	Vinyl Side (31)	1782	2034	\$37,944.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0120	CLFENCE 4	1990	\$300.00	1.000	10 x 16 x 0	(.00)
0294	SHED WOOD/	1990	\$800.00	1.000	10 x 16 x 0	(.00)
0251	LEAN TO W/	1990	\$500.00	1.000	8 x 16 x 0	(.00)
0120	CLFENCE 4	1993	\$300.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000102	SFR/MH (MKT)	1.000 AC	1.00/1.00/1.00/1.00	\$14,040.00	\$14,040.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

@ HG255 00	S	CamaUSA Appraisal System	Columbia Coun
12/27/2005		Assessment Maintenance	LAND 24744
2006 R 05-4S-16-02775-002		...	IMPR 37133
PARK JAMES T & RHONDA L			ASSESSED 61877
			EXEMPT 0
			TAXABLE 61877

USE 0200 MOBILE HOME TX DIST 002 MORT 0000000 RENEWAL NOTICE

EX CODE	EXEMPT VALUE	%	TAX CODE	TAX UNITS	TYPE	NEW CONST	
#1			#1			DEMOLITION	
#2			#2			LAND UT/UTS	6 1.62
#3			#3			ACREAGE	1.62
#4			#4			BLDG UNITS	1845
#5			#5			BLDG YY/EXW	1990 31
Retain Cap? N	HX	Appl YY	#Owners	#Claims		ANNEXATION	0
LAND VALUE		24744	XFOB VALUE		1900	BACKTAX YR	0000
AG/CONS VAL		0	BLDG VALUE		35233	JUST VALUE	61877
MKT AG/CONS		0	INCM VALUE		0	CLASS VALUE	0
						SOH DIFF	0

YEAR	LAND	XFOB	BLDG	ASSESSED *	EXEMPT	TAXABLE
2005	8491	1660	25158	35309 Y	25000	10309
2004	8142	1641	24506	34289 Y	25000	9289

F2=Ex/Tx F3=Exit F4=Prompt F9=SOH F12=Cancel F20=Notes F22=Print F24=AsReCalc
 ENTER PARCEL NUMBER AND ACTION LARR 20051220

**NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA**

*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 05-45-16-0275-002

1. Description of property: (legal description of the property and street address or 911 address)

1391 BIRLEY AVE, 1.6 ACR.

2. General description of improvement: RESIDENTIAL HOUSE

3. Lender Name & Address RHONDA & J.T. PARK

Interest in Property WARRANTY DEED

4. Name & Address of Fee Simple Owner (if other than owner): N/A

5. Contractor Name WOLF SCHROM (BAUHUS INC) Phone Number 386-364-4793

Address PO BOX 656 LIVE OAK, FL 32064 CELL: 813-786-0730

6. Surety Holders Name N/A Phone Number _____

Address N/A

Amount of Bond _____ Inst: 2006000350 Date: 01/06/2006 Time: 16:55

7. Lender Name N/A DC, P. DeWitt Cason, Columbia County B: 1070 P: 1209

Address N/A

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name WOLF SCHROM Phone Number 386-364-4793

Address PO BOX 656 LIVE OAK FL 32064

9. In addition to himself/herself the owner designates WOLF SCHROM of SEE ABOVE

(a) 7. Phone Number of the designee SEE ABOVE

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Rhonda S. Park
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of January, 2006

NOTARY STAMP/SEAL



Lawanda Y. Collins
MY COMMISSION # DD246441 EXPIRES
October 29, 2007
BONDED THRU TROY FAIN INSURANCE, INC.

Lawanda Y. Collins
Signature of Notary

FDL # PL 20732549690

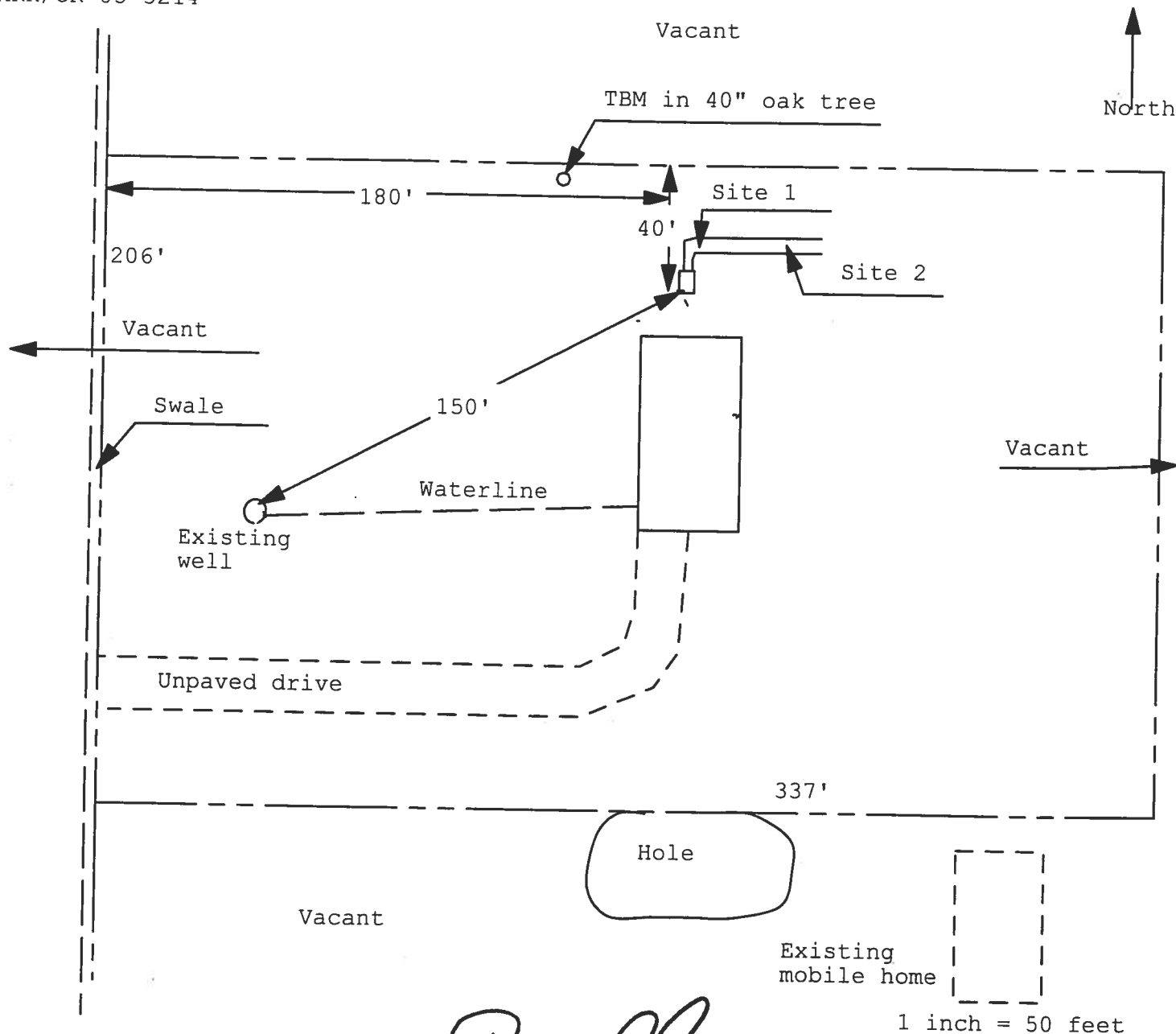
2A020

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

Permit Application Number: 05-1184N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PARK/CR 05-3214



Site Plan Submitted By Paul Lopez Date 11/16/05
Plan Approved X Not Approved _____ Date 11/21/05
By P. Lopez _____ Columbia CPHU

Notes: _____

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **512093Park,J,T & Rhonda**
 Address: **1391 Birley Ave.**
 City, State: **Lake City, FL**
 Owner: **Park,J,T & Rhonda**
 Climate Zone: **North**

Builder:
 Permitting Office:
 Permit Number:
 Jurisdiction Number:

- | | |
|--|---|
| <p>1. New construction or existing New <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/></p> <p>4. Number of Bedrooms 3 <input type="checkbox"/></p> <p>5. Is this a worst case? Yes <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 1988 ft² <input type="checkbox"/></p> <p>7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)</p> <p style="margin-left: 20px;">a. U-factor: Description Area</p> <p style="margin-left: 40px;">(or Single or Double DEFAULT) 7a. (Dble Default) 311.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">b. SHGC:</p> <p style="margin-left: 40px;">(or Clear or Tint DEFAULT) 7b. (Clear) 311.0 ft² <input type="checkbox"/></p> <p>8. Floor types</p> <p style="margin-left: 20px;">a. Slab-On-Grade Edge Insulation R=0.0, 226.0(p) ft <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p>9. Wall types</p> <p style="margin-left: 20px;">a. Frame, Wood, Exterior R=13.0, 1552.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">b. Frame, Wood, Adjacent R=13.0, 220.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">d. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">e. N/A <input type="checkbox"/></p> <p>10. Ceiling types</p> <p style="margin-left: 20px;">a. Under Attic R=30.0, 2003.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p>11. Ducts</p> <p style="margin-left: 20px;">a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 200.0 ft <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> | <p>12. Cooling systems</p> <p style="margin-left: 20px;">a. Central Unit Cap: 45.0 kBtu/hr <input type="checkbox"/></p> <p style="margin-left: 40px;">SEER: 12.00 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p>13. Heating systems</p> <p style="margin-left: 20px;">a. Electric Heat Pump Cap: 45.0 kBtu/hr <input type="checkbox"/></p> <p style="margin-left: 40px;">HSPF: 7.60 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p>14. Hot water systems</p> <p style="margin-left: 20px;">a. Electric Resistance Cap: 40.0 gallons <input type="checkbox"/></p> <p style="margin-left: 40px;">EF: 0.93 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. Conservation credits <input type="checkbox"/></p> <p style="margin-left: 40px;">(HR-Heat recovery, Solar</p> <p style="margin-left: 40px;">DHP-Dedicated heat pump)</p> <p>15. HVAC credits <input type="checkbox"/></p> <p style="margin-left: 20px;">(CF-Ceiling fan, CV-Cross ventilation,</p> <p style="margin-left: 20px;">HF-Whole house fan,</p> <p style="margin-left: 20px;">PT-Programmable Thermostat,</p> <p style="margin-left: 20px;">MZ-C-Multizone cooling,</p> <p style="margin-left: 20px;">MZ-H-Multizone heating)</p> |
|--|---|

Glass/Floor Area: 0.16

Total as-built points: 28832

Total base points: 29363

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: 12-21-05

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.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 1391 Birley Ave., Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1988.0	20.04	7171.1	Double, Clear	E	1.5	5.5	45.0	42.06	0.90	1696.4
				Double, Clear	S	99.0	10.0	10.0	35.87	0.43	154.9
				Double, Clear	E	6.0	7.0	30.0	42.06	0.55	698.5
				Double, Clear	E	6.0	10.0	20.0	42.06	0.66	559.0
				Double, Clear	NE	7.0	6.0	15.0	29.56	0.55	243.8
				Double, Clear	E	10.0	6.0	15.0	42.06	0.41	260.5
				Double, Clear	N	6.0	10.0	20.0	19.20	0.80	306.2
				Double, Clear	S	1.5	3.0	10.0	35.87	0.66	236.6
				Double, Clear	S	1.5	4.5	16.0	35.87	0.78	445.3
				Double, Clear	W	1.5	8.0	21.0	38.52	0.96	775.1
				Double, Clear	W	1.5	8.0	24.0	38.52	0.96	885.8
				Double, Clear	W	12.0	10.0	16.0	38.52	0.48	298.1
				Double, Clear	W	1.5	8.0	28.0	38.52	0.96	1033.5
				Double, Clear	W	1.5	5.5	20.0	38.52	0.90	691.0
				Double, Clear	N	1.5	5.5	15.0	19.20	0.93	267.3
				Double, Clear	N	1.5	3.5	6.0	19.20	0.86	99.0
				As-Built Total:			311.0			8651.1	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	220.0	0.70	154.0	Frame, Wood, Exterior	13.0		1552.0	1.50	2328.0		
Exterior	1552.0	1.70	2638.4	Frame, Wood, Adjacent	13.0		220.0	0.60	132.0		
Base Total: 1772.0 2792.4				As-Built Total:			1772.0 2460.0				
DOOR TYPES Area X BSPM = Points				Type			Area X SPM = Points				
Adjacent	20.0	1.60	32.0	Exterior Insulated			50.0	4.10	205.0		
Exterior	70.0	4.10	287.0	Exterior Insulated			20.0	4.10	82.0		
				Adjacent Insulated			20.0	1.60	32.0		
Base Total: 90.0 319.0				As-Built Total:			90.0 319.0				
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1988.0	1.73	3439.2	Under Attic	30.0		2003.0	1.73 X 1.00	3465.2		
Base Total: 1988.0 3439.2				As-Built Total:			2003.0 3465.2				

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 1391 Birley Ave., Lake City, FL,

PERMIT #:

BASE				AS-BUILT			
FLOOR TYPES	Area	X	BSPM = Points	Type	R-Value	Area	X SPM = Points
Slab	226.0(p)	-37.0	-8362.0	Slab-On-Grade Edge Insulation	0.0	226.0(p)	-41.20 -9311.2
Raised	0.0	0.00	0.0				
Base Total:			-8362.0	As-Built Total:			226.0 -9311.2
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
	1988.0	10.21	20297.5			1988.0	10.21 20297.5
Summer Base Points: 25657.2				Summer As-Built Points: 25881.6			
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier X Credit Multiplier = Cooling Points
25657.2	0.4266		10945.4	25882	1.00 (1.09 x 1.147 x 1.00)	0.284	1.000 9203.1
				25881.6	1.00	1.250	0.284 1.000 9203.1

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 1391 Birley Ave., Lake City, 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 = Points				
.18	1988.0	12.74	4558.9	Double, Clear	E	1.5	5.5	45.0	18.79	1.04	880.6
				Double, Clear	S	99.0	10.0	10.0	13.30	3.66	486.7
				Double, Clear	E	6.0	7.0	30.0	18.79	1.25	702.8
				Double, Clear	E	6.0	10.0	20.0	18.79	1.16	435.0
				Double, Clear	NE	7.0	6.0	15.0	23.57	1.05	370.6
				Double, Clear	E	10.0	6.0	15.0	18.79	1.42	399.7
				Double, Clear	N	6.0	10.0	20.0	24.58	1.01	497.3
				Double, Clear	S	1.5	3.0	10.0	13.30	1.64	218.0
				Double, Clear	S	1.5	4.5	16.0	13.30	1.26	267.8
				Double, Clear	W	1.5	8.0	21.0	20.73	1.01	440.1
				Double, Clear	W	1.5	8.0	24.0	20.73	1.01	503.0
				Double, Clear	W	12.0	10.0	16.0	20.73	1.19	394.0
				Double, Clear	W	1.5	8.0	28.0	20.73	1.01	586.9
				Double, Clear	W	1.5	5.5	20.0	20.73	1.03	426.2
				Double, Clear	N	1.5	5.5	15.0	24.58	1.00	369.8
				Double, Clear	N	1.5	3.5	6.0	24.58	1.01	148.6
				As-Built Total:		311.0			7127.1		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	220.0	3.60	792.0	Frame, Wood, Exterior	13.0		1552.0	3.40		5276.8	
Exterior	1552.0	3.70	5742.4	Frame, Wood, Adjacent	13.0		220.0	3.30		726.0	
Base Total: 1772.0 6534.4				As-Built Total:		1772.0			6002.8		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	20.0	8.00	160.0	Exterior Insulated			50.0	8.40		420.0	
Exterior	70.0	8.40	588.0	Exterior Insulated			20.0	8.40		168.0	
				Adjacent Insulated			20.0	8.00		160.0	
Base Total: 90.0 748.0				As-Built Total:		90.0			748.0		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1988.0	2.05	4075.4	Under Attic	30.0		2003.0	2.05 X 1.00		4106.1	
Base Total: 1988.0 4075.4				As-Built Total:		2003.0			4106.1		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 1391 Birley Ave., Lake City, FL,

PERMIT #:

BASE				AS-BUILT			
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM	= Points
Slab	226.0(p)	8.9	2011.4	Slab-On-Grade Edge Insulation	0.0	226.0(p	18.80 4248.8
Raised	0.0	0.00	0.0				
Base Total:			2011.4	As-Built Total:		226.0	4248.8
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
	1988.0	-0.59	-1172.9			1988.0	-0.59 -1172.9
Winter Base Points:			16755.2	Winter As-Built Points:			21059.9
Total Winter X Points	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
16755.2	0.6274		10512.2	(sys 1: Electric Heat Pump 45000 btuh ,EFF(7.6) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 21059.9 1.000 (1.069 x 1.169 x 1.00) 0.449 1.000 11808.4 21059.9 1.00 1.250 0.449 1.000 11808.4			

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: 1391 Birley Ave., Lake City, FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										
3		2635.00		7905.0	40.0	0.93	3		1.00	2606.67
					As-Built Total:					7820.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
10945		10512		7905		29363	9203		11808
									7820
									28832

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: 1391 Birley Ave., Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.2

The higher the score, the more efficient the home.

Park,J,T & Rhonda, 1391 Birley Ave., Lake City, FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 45.0 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)	1988 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___		___
a. U-factor:	Description Area		13. Heating systems	
(or Single or Double DEFAULT)	7a. (Dble Default) 311.0 ft ²	___	a. Electric Heat Pump	Cap: 45.0 kBtu/hr ___
b. SHGC:		___		HSPF: 7.60 ___
(or Clear or Tint DEFAULT)	7b. (Clear) 311.0 ft ²	___	b. N/A	___
8. Floor types		___	c. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 226.0(p) ft	___		___
b. N/A	___	___	14. Hot water systems	
c. N/A	___	___	a. Electric Resistance	Cap: 40.0 gallons ___
9. Wall types		___		EF: 0.93 ___
a. Frame, Wood, Exterior	R=13.0, 1552.0 ft ²	___	b. N/A	___
b. Frame, Wood, Adjacent	R=13.0, 220.0 ft ²	___		___
c. N/A	___	___	c. Conservation credits	___
d. N/A	___	___	(HR-Heat recovery, Solar	
e. N/A	___	___	DHP-Dedicated heat pump)	
10. Ceiling types		___	15. HVAC credits	___
a. Under Attic	R=30.0, 2003.0 ft ²	___	(CF-Ceiling fan, CV-Cross ventilation,	
b. N/A	___	___	HF-Whole house fan,	
c. N/A	___	___	PT-Programmable Thermostat,	
11. Ducts		___	MZ-C-Multizone cooling,	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 200.0 ft	___	MZ-H-Multizone heating)	
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 EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLR2PB v4.1)

PK 0739 PG 0765

Return to:

Name OFFICIAL RECORDS

Address _____

Property Appraiser's

Parcel Identification No. _____

This instrument was prepared by:

Name **TERRY McDAVID**
Address **Post Office Box 1328
LAKE CITY, FLORIDA 32055-1328**

90-15616

FILED AND RECORDED
RECORDS DEPT. HALL

1990 DEC 28 PM 4:11

ALCOCK
CLERK OF COURTS
COLUMBIA COUNTY, FLORIDA
BY *Alcock*Grantee S.S. No. Name James Daniel ParkGrantee S.S. No. Name

(Space above this line for recording data.)

WARRANTY DEED (STATUTORY FORM — SECTION 689.02, F.S.)This Indenture, made this 5th day of December 1990, Between

JAMES T. PARK and his wife, TERRY M. PARK,

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

JAMES DANIEL PARK

whose post office address is PO Box 7111 Lake City
of the County of Columbia, State of Florida, grantee,**Witnesseth** that said grantor, for and in consideration of the sum of
Ten and no/100----- Dollars,and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby
acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following
described land, situate, lying and being in Columbia County, Florida, to-wit:TOWNSHIP 4 SOUTH - RANGE 16 EASTSECTION 5: The North 208.71 feet of the West 208.71 feet of the
South 528.00 feet of the NW $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 5, Township 4
South, Range 16 East, Columbia County, Florida. Containing 1.0
acre, more or less.**N.B.:** No conveyance of the above described property or no mortgage
purporting to encumber the above described property shall be effective
during the life time of the grantor unless the grantor joins in such
conveyance or encumbrance.DOCUMENTARY STAMP 55INTANGIBLE TAX 0P. DAWITT CASHN, CLERK OF
COURTS, COLUMBIA COUNTY*P. Dawitt Cashn*and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all
persons whomsoever.

"Grantor" and "grantee" are used for singular or plural, as context requires.

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

Signed, sealed and delivered in our presence:

Myrtle Ann McElroy
*Elizabeth N. Hogan**James T. Park* (Seal)
Terry M. Park (Seal)
James T. Park
Terry M. ParkSTATE OF FLORIDA
COUNTY OF COLUMBIA

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

JAMES T. PARK and his wife, TERRY M. PARK,

to me known to be the person(s) described in and who executed the foregoing instrument and acknowledged before me that
they executed the same.WITNESS my hand and official seal in the County and State last aforesaid this 5th day of December, 1990.

My commission expires:

Elizabeth N. Hogan
Notary PublicNOTARY PUBLIC, STATE OF FLORIDA
My Comm. Expires: June 17, 1992

@ CAM112M01	S	CamaUSA Appraisal System		Columbia County
12/27/2005 15:34		Legal Description Maintenance	12800	Land 002 *
Year T Property	* PRIOR YEAR *	Sel		AG 000
2005 R 05-4S-16-02775-002		...	33196	Bldg 001
	1391 BIRLEY AVE SW		1900	Xfea 004 *
HX	PARK JAMES DANIEL		47896	TOTAL B*

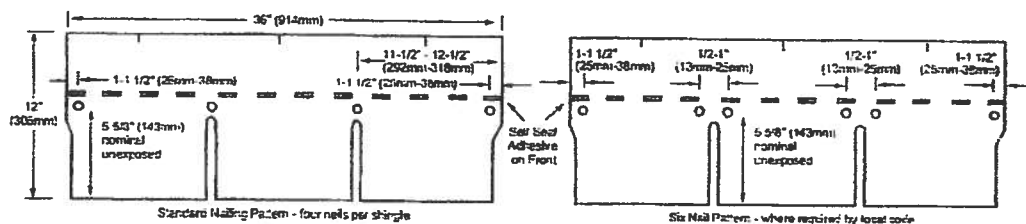
1	N 208.71 FT OF W 208.71 FT OF	S 528 FT OF NW1/4 OF NE1/4.	2
3	ORB 739-765		4
5			6
7			8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt 5/01/1996 TERR

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

APPLICATION INSTRUCTIONS

Note: These shingles must be nailed a nominal 5 5/8" (143mm) from bottom of shingles, not in or above self seal, as shown. Nails should remain unexposed.



GENERAL INSTRUCTIONS

- **ROOF DECKS:** For use on new or reroofing work over well-seasoned, supported wood deck, tightly-constructed with maximum 6" (152mm) wide lumber, having adequate nail-holding capacity and smooth surface. Plywood decking as recommended by The Engineered Wood Assn. is acceptable. Plywood decks for Class A installations must be 3/8" (10mm) thick or greater with underlayment as noted below. Shingles must not be fastened directly to insulation or insulated deck unless authorized in writing by GAF Materials Corporation. Roof decks and existing surfacing material must be dry prior to application of shingles.
- **UNDERLAYMENT:** Underlayment is required on new construction and required for reroofing when old roof is removed from the deck. Use only "breather type" material like GAF Materials Corporation Shingle-Mate® Underlayment or equivalent. Underlayment must be installed flat, without wrinkles.
- **FASTENERS:** Use of nails is recommended. (Staple specifications and application instructions are available from GAF Materials Corporation, Contractor Services Dept., 1361 Alps Road, Wayne, NJ 07470.) Use only zinc coated steel or aluminum, 10-12 gauge, barbed, deformed or smooth shank roofing nails with heads 3/8" (10mm) to 7/16" (12mm) in diameter. Fasteners should be long enough to penetrate at least 3/4" (19mm) into wood decks or just through the plywood decks. Fasteners must be driven flush with the surface of the shingle. Over driving will damage the shingle. Raised fasteners will interfere with the sealing of the shingles. For normal installation, four fasteners must be installed per shingle, a nominal 5 5/8" (143mm) up from the bottom of the shingle. Fasteners must be installed approximately 1" - 1 1/2" (25-38mm) and 11 1/2" - 12 1/2" (292-318mm) from each side.
- **WIND RESISTANT:** These shingles have a special thermal sealant that firmly bonds the shingles together after application when exposed to sun and warm temperatures. Shingles installed in Fall or Winter may not seal until the following Spring. If shingles are damaged by winds before sealing or are not exposed to adequate surface temperatures, or if the self-sealant gets dirty, the shingles may never seal. Failure to seal under these circumstances results from the nature of self-sealing shingles and is not a manufacturing defect. To insure immediate sealing,

apply 2 quarter-sized dabs of shingle tab adhesive on the back of each tab, approximately 1" (25mm) from end and 1" (25mm) up from bottom of each tab corner. The shingle must be pressed firmly into the adhesive.

NOTE: Application of excess tab adhesive can cause blistering of the shingle.

For maximum wind resistance along rakes, cement shingles to underlayment and each other in a 4" (102mm) width of asphalt plastic roof cement.

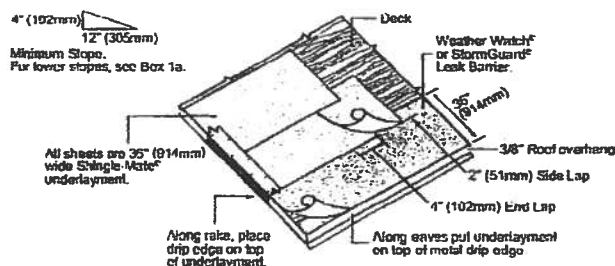
NOTE: The film strips on the back of each shingle are to prevent sucking together of the shingles while in the bundle. Their removal is NOT required during application.

- **CANADIAN COLD WEATHER APPLICATIONS:** CSA A123.5-M90 mandates that shingles applied between September 1 and April 30 shall be adhered with a compatible field-applied adhesive. See Wind Resistant for GAF Materials Corporation's recommendations for the application of that adhesive.
- **MANSARD AND STEEP SLOPE APPLICATIONS:** For roof slopes greater than 21° (1750mm/m) per foot (do NOT use on vertical side walls), shingle sealing must be enhanced by hand sealing. After fastening the shingle in place, apply 2 quarter-sized dabs of shingle tab adhesive as indicated in Wind Resistant above. The shingle must be pressed firmly into the adhesive.
- **EXPOSURE:** 5" (127mm)
- **THROUGH VENTILATION:** All roof structures must be provided with through ventilation to prevent entrapment of moisture laden air behind roof sheathing. Ventilation provisions must at least meet or exceed current F.H.A., H.U.D. or local code minimum requirements.
- **NON-CORRODING METAL DRIP EDGES:** Recommended along rake and eave edges on all decks, especially plywood decks.
- **ASPHALT PLASTIC CEMENT:** For use as shingle tab adhesive. Must conform to ASTM D4586 Type I or II.

1 Underlayment: Standard Slope—4/12 (333mm/m) or more

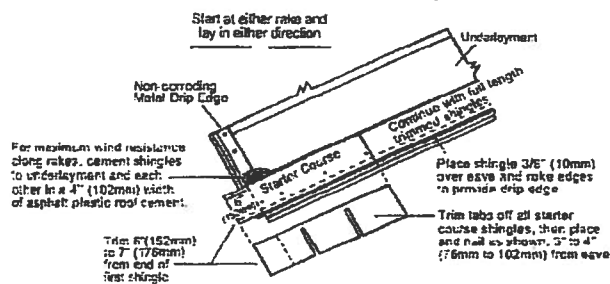
Application of underlayment: Cover deck with one layer of underlayment installed without wrinkles. Use only enough nails to hold underlayment in place until covered by shingles.

Application of eave flashing: Install eave flashing such as GAF Materials Corporation Weather Watch® or StormGuard® Leak Barrier in localities where leaks may be caused by water backing up behind ice or debris dams. Eave flashing must overhang the roof edge by 3/8" (10mm) and extend 24" (610mm) beyond the inside wall line.



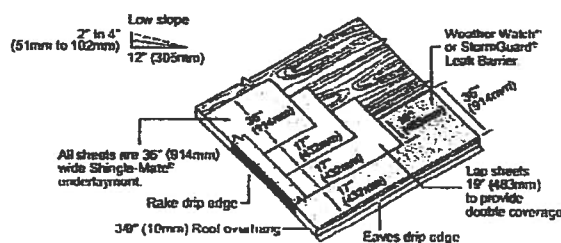
2 Starter Course

Use of any GAF MC 3-tab Shingle is recommended. Apply as shown.



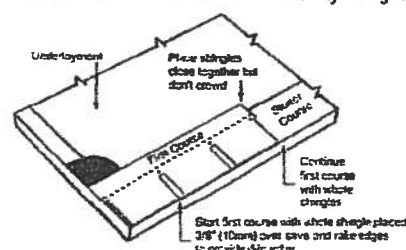
1a Underlayment: Low Slope 2/12-4/12 (167mm-333mm/m)

Application of underlayment and eave flashing: Completely cover the deck with two layers of underlayment as shown. Use only enough nails to hold underlayment in place until covered by shingles. Use blind nailing for eave flashings. At eaves and where ice dams can be expected, use one layer of GAF Materials Corporation Weather Watch® or StormGuard® Leak Barrier. Eave flashing must overhang the roof edge by 3/8" (10mm) and extend 24" (610mm) beyond the inside wall line. Where ice dams or debris dams are not expected, install 2 plies of Shingle-Mate® underlayment.



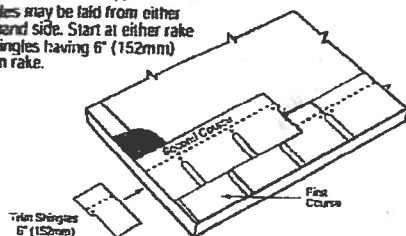
3 First Course

Start and continue with full shingles laid flush with the starter course. Shingles may be laid from left to right or right to left. DO NOT lay shingles straight up the roof since this procedure can cause an incorrect color blend on the roof and may damage the shingles.

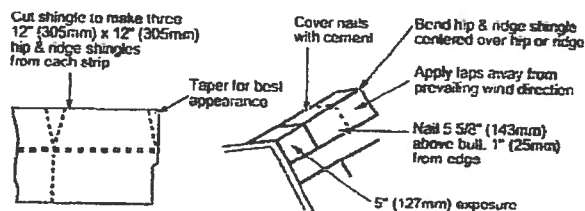


5" (127mm) of each shingle exposed. Strike a chalk line about every 6 courses to check parallel alignment with eaves. Factory applied self-sealing dots on lower courses are designed to seal down the shingle tabs in an upper course.

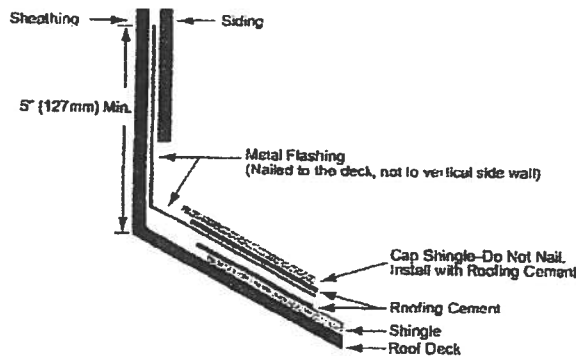
NOTE: Shingles may be laid from either left or right hand side. Start at either rake edge with shingles having 6" (152mm) trimmed from rake.



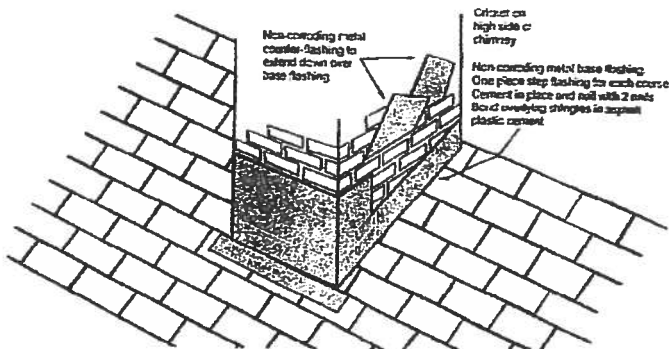
Apply as shown. Push on laps away from prevailing wind direction.



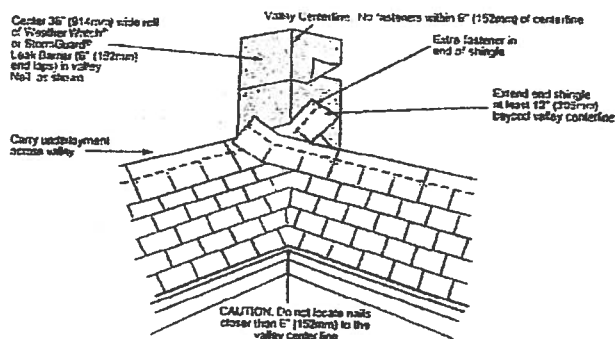
6 Wall Flashing (Sloped Roof to Vertical Wall)



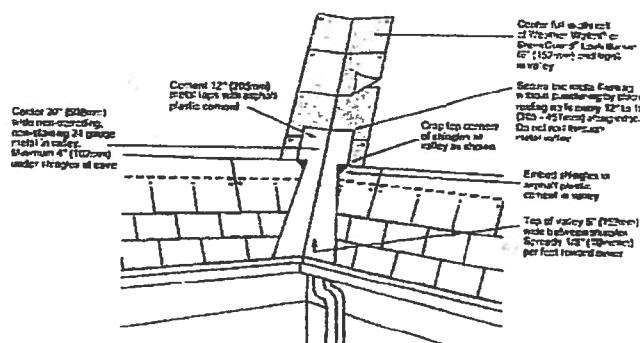
7 Chimney Flashing



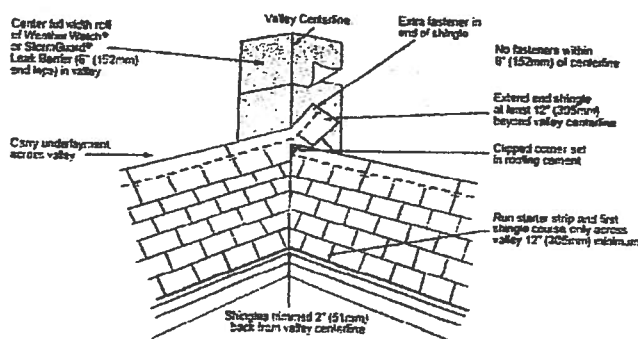
8 Valley Construction - Closed or Woven Valley



9 Valley Construction-Open Cut



10 Valley Construction-Closed Cut



Precautionary Notes

These shingles are fiberglass, self-sealing asphalt shingles. Because of the natural characteristics of the high quality waterproofing material used, these shingles will be stiff in cold weather and flexible in hot weather.

1. Bundles should not be dropped on edge nor should attempt be made to separate shingles by "breaking" over ridge or other bundles.
2. Handle carefully. Shingles can easily be broken in cold weather or their edges damaged in hot weather.
3. All exposed materials must be of Class A type.
4. Storage should be in a covered, ventilated area-maximum temperature 110°F (43°C). Store on flat surface and use weight equalization boards if pallets are to be double stacked. Shingles must be protected from weather when stored at job site. Do not store near steam pipes, radiators, etc., or in sunlight. All rolled product must be stored on ends.
5. If shingles are to be applied during PROLONGED COLD periods or in areas where airborne dust or sand can be expected before sealing occurs, the shingles MUST be hand sealed. See Wind Resistant Instructions.

Re-Roofing

If old asphalt shingles are to remain in place, nail down or cut away all loose, curled or lifted shingles; replace with new; and just before applying the new roofing, sweep the surface clean of all loose debris. Since any irregularities may show through the new shingles, be sure the underlying shingles provide a smooth surface. Fasteners must be of sufficient length to penetrate the wood deck at least 3/4" (19mm) or just through plywood. Follow other above instructions for application. **Note:** Shingles can be applied over wood shingles when precautions have been taken to provide an acceptable smooth surface. This includes cutting back old shingles at eaves and rakes and installing new wood edging strips as needed. Make surface smooth and use beveled wood strips if necessary. Install #30 underlayment to maintain Class A rating.

This product is sold with an express LIMITED WARRANTY only. A copy of the LIMITED WARRANTY stating its terms and restrictions is printed on the product wrapper or may be obtained from the distributor of this product or directly from GAF Materials Corporation. Any deviation from printed instructions shall be the responsibility of applicator and/or specifier.

CODE (SECTION 16)
WIND SPEED AND

**Building Products
Company**

DATE	11/11/2011
TIME	11:11
LOCATION	11/11/2011
NAME	11/11/2011
ADDRESS	11/11/2011
CITY	11/11/2011
STATE	11/11/2011
ZIP	11/11/2011
PHONE	11/11/2011
FAX	11/11/2011
EMAIL	11/11/2011
WEBSITE	11/11/2011
OTHER	11/11/2011

1014A5	02, 04A, 05, 04
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1014A5	02, 04A, 05, 04
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1014A5	02, 04A, 05, 04
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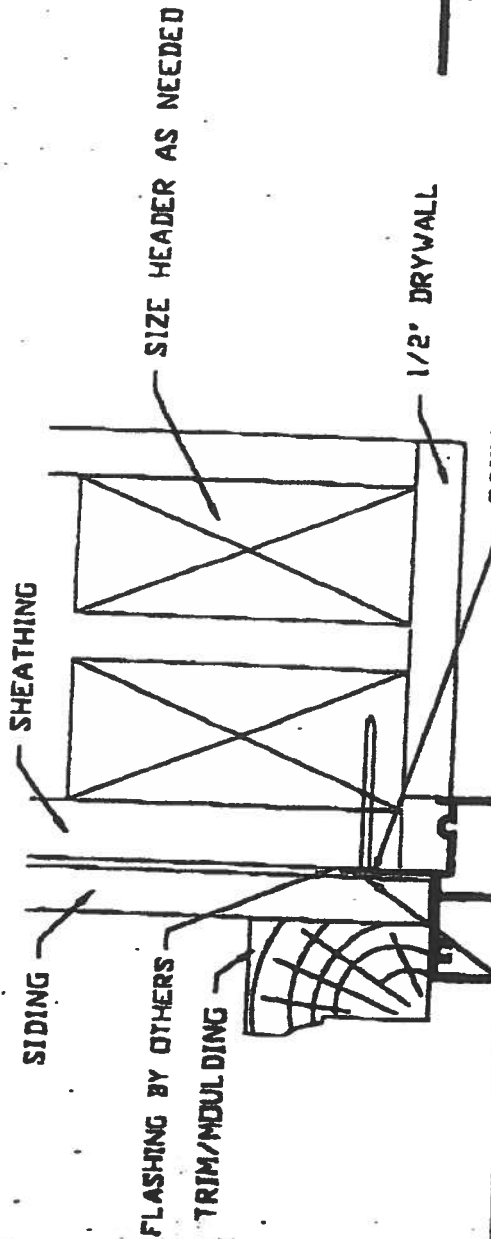
WOOD CONSTRUCTION INSTALLATION CONVENTIONAL NAIL-FIN SINGLE HUNG



BetterBuild
DOORS AND WINDOWS

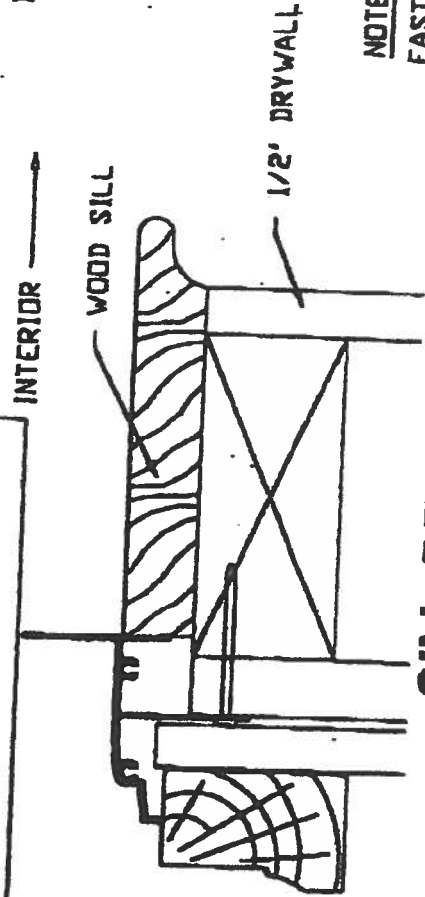
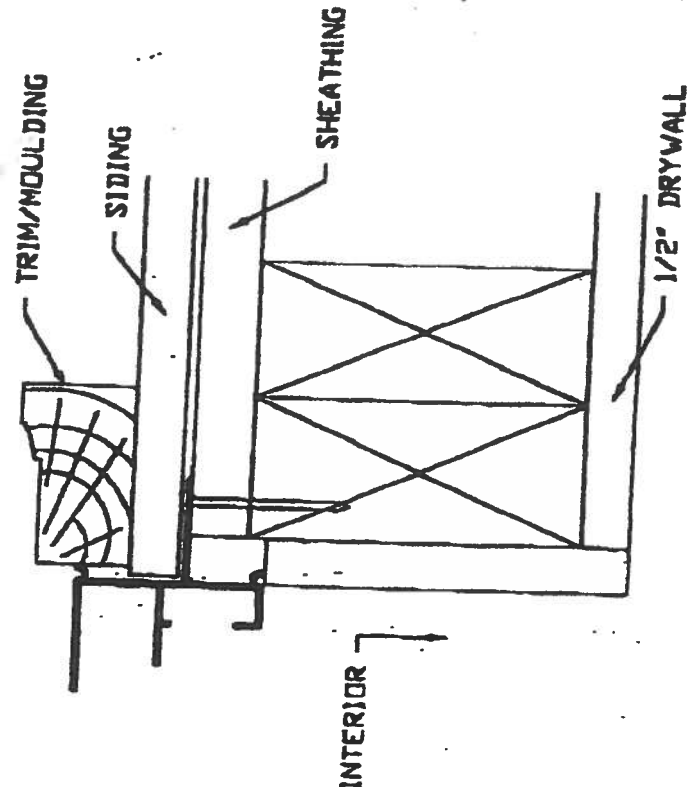
HEAD DETAIL

740A
740C



IN EACH DIRECTION FROM ALL CORNERS THERE
SHOULD BE A FASTENER WITHIN 10 INCHES, BUT
NO CLOSER THAN 3 INCHES, TO PREVENT FRAME
DISTORTION OR FRACTURE OF JOINT SEALS.
SEALS THE FULL PERIMETER WITH EQUIVALENT
OF 16D FASTENERS OR A #8 X 1 1/4" SCREW,
ON A MAXIMUM OF 16 INCH CENTERS.

JAMB DETAIL



SILL DETAIL

NOTE:

FASTENER TYPE AND LOCATION MAY VARY
DEPENDING ON LOCAL CODES.

Series V83

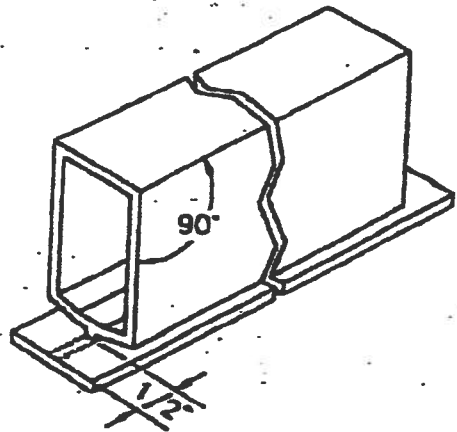
$\frac{1}{8}$ "

'STRUCTURAL' VERTICAL MULLION - Florida Flange

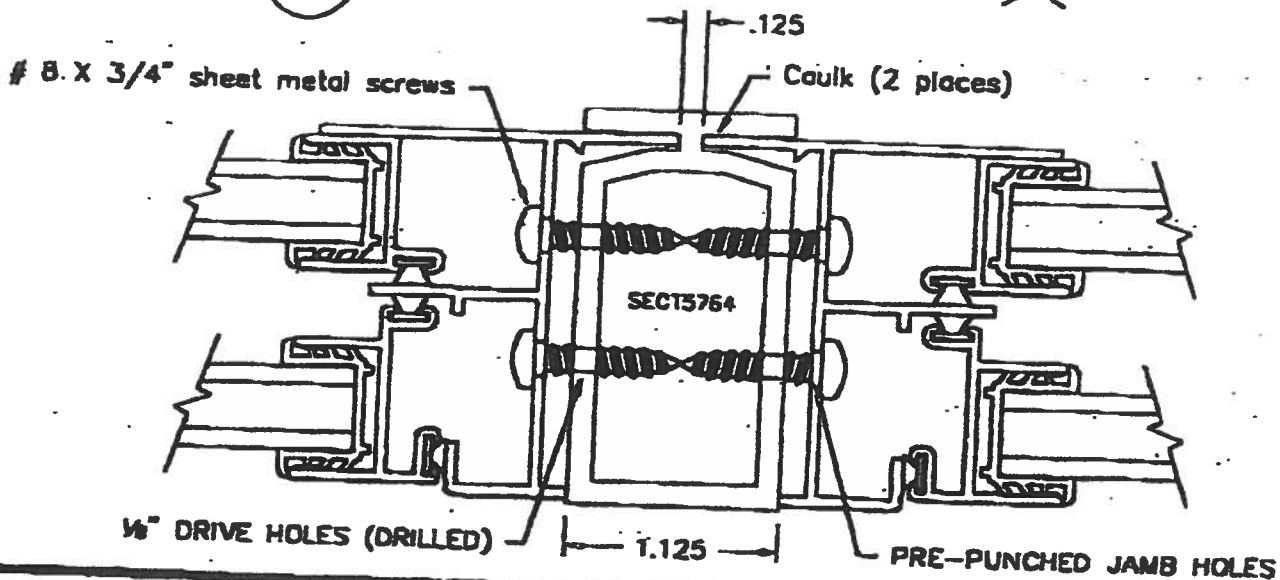
Before you begin, see note on field notching.

- Step 1.** Caulk inside mull as shown to seal frame jams.
- Step 2.** Place windows and mullions together as shown below.
- Step 3.** Using the pre-punched installation holes in window jams as a drill guide, drill $\frac{1}{8}$ " holes into mullion.
- Step 4.** Attach windows to mullion using # 8 x $\frac{3}{4}$ " sheet metal screws (not included) through drilled holes as shown below. To avoid jamb distortion, do not overtighten screws.
- Step 5.** Caulk any voids to prevent water leakage.

Note: For improved appearance of exterior face, and buck strip / sill clearance, field notching (both ends) is recommended.



Note: Each mull adds $\frac{1}{8}$ ".



8

704 12th AVE.
SMYRNA, TN 37167
(800) 545-5413

INSTRUCTION SHEET

**TWIN OR TRIPLE
USING SERIES V83 MULL**

770/774/780/784 FLORIDA FLANGE PRODUCTS

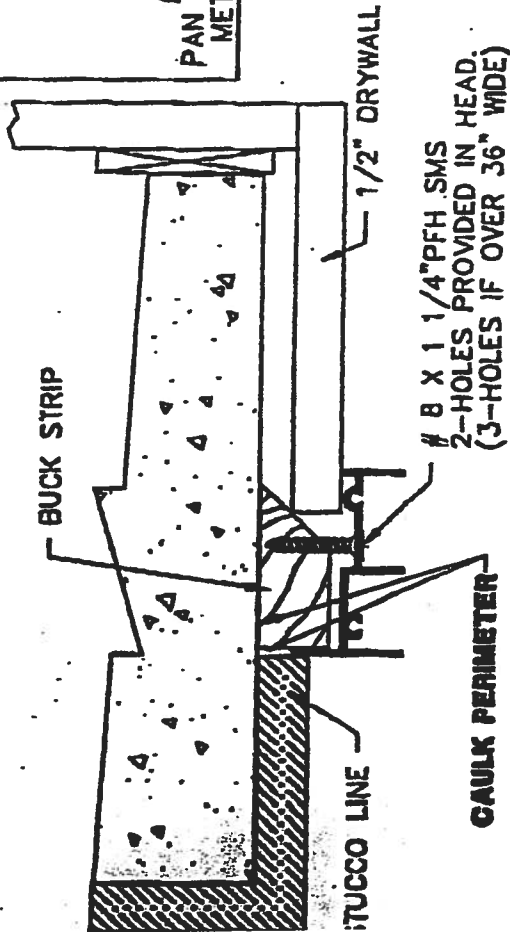
Drawn By: Tay C	Date: 01/21/99
Checked:	Date:
Scale: 1:1	Sheet: 1 of 1
MULL V83A	

MASONRY CONSTRUCTION INSTALLATION FLORIDA FLANGE SINGLE HUNG



Betterbilt
DOORS AND WINDOWS

HEAD DETAIL



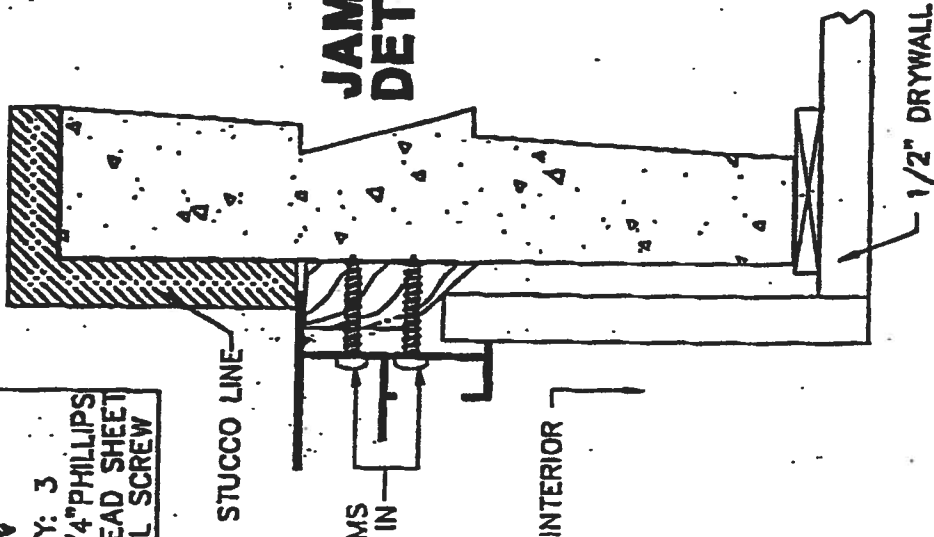
INCLUDED WITH WINDOW INSTALLATION SCREW PACK 99-08-919	
QTY: 6 #8x1" PHILLIPS PAN HEAD SHEET METAL SCREW	QTY: 3 #8x1 1/4" PHILLIPS FLAT HEAD SHEET METAL SCREW

8 x 1 1/4" PFH SMS
2-HOLES PROVIDED IN HEAD
(3-HOLES IF OVER 36" WIDE)

8 x 1" PPH SMS
3-HOLES PROVIDED IN
EACH JAMB.

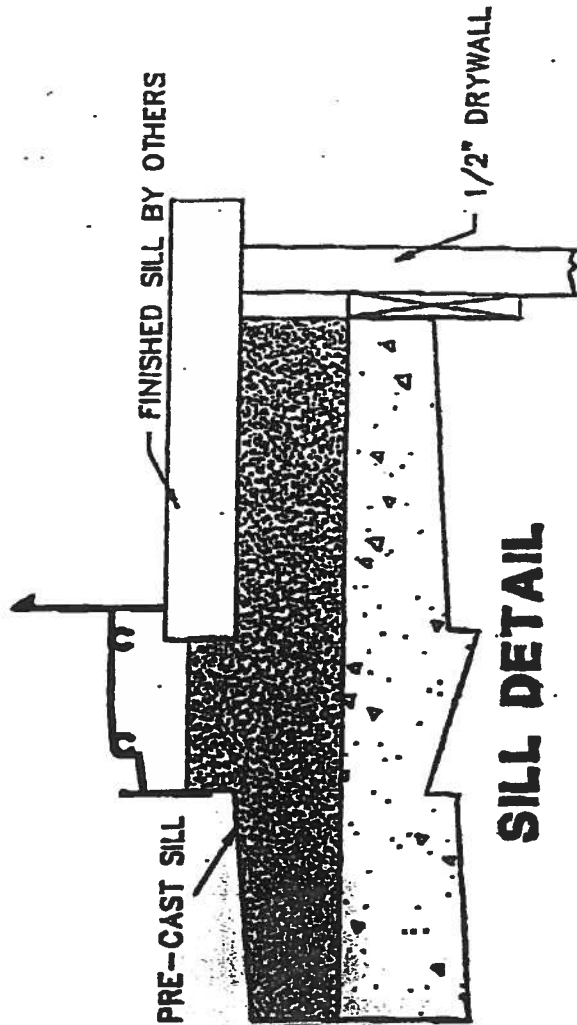
INTERIOR

JAMB DETAIL



INTERIOR

FINISHED SILL BY OTHERS



SILL DETAIL

NOTE:

FASTENER TYPE AND LOCATION MAY
VARY DEPENDING ON LOCAL CODES.

Jeld-Wen, Inc.

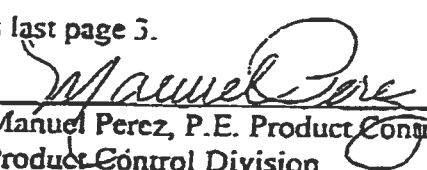
ACCEPTANCE No.: 00-1003.03

APPROVED : JAN 1 1 200

EXPIRES : April 14, 2003

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.


Manuel Perez, P.E. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

Jeld-Wen, Inc.

ACCEPTANCE No.: 00-1003.03

APPROVED : JAN 11 2001

EXPIRES : April 14, 2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This revises the Notice of Acceptance No. 99-1122.01, which was issued on April 14, 2003. It approves a residential insulated steel door, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The Series "DoorCraft® Steel" - Outswing Opaque Wood Edge Residential Insulated Steel Door w/Sidelites - Impact Resistant Door only and its components shall be constructed in strict compliance with the following documents: Drawing No DC-2005, titled "O/S Opaque Steel Door Double & Single Units w & w/o Sidelites" Sheets 1 through 6 of 6 dated 09/25/00, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications of pair of doors and single door, with sidelites, as shown in approved drawings. Single door units shall include all components described in the active leaf of this approval.

4. INSTALLATION

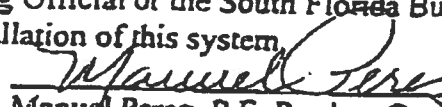
- 4.1 The residential insulated steel door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of doors only will not require a hurricane protection system. Sidelites will require a hurricane protection system

5. LABELING

- 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance; clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.


Manuel Perez, P.E. Product Control Examiner
Product Control Division



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1
MIAMI, FLORIDA 33130-1
(305) 373-2901 FAX (305) 373-2

CONTRACTOR LICENSING SECTION
(305) 373-2527 FAX (305) 373-2

CONTRACTOR ENFORCEMENT DIVISION
(305) 373-2966 FAX (305) 373-2

PRODUCT CONTROL DIVISION
(305) 373-2902 FAX (305) 373-2

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Jeld-Wen, Inc
3250 Lakeport Drive
Klamath Falls, OR 97601

Your application for Notice of Acceptance (NOA) of:
Series "DoorCraft® Steel" - Outswing Opaque W/E Residential Insulated Steel Doors w/ Sidelites -
Impact
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of
Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade
County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure the
product or material at any time from a jobsite or manufacturer's plant for quality control testing. If the
product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the
use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is
determined by BCCO that this product or material fails to meet the requirements of the South Florida
Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-1003.03
EXPIRES: 04/14/2003

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET. SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building
Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set
forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 01/11/2001

DOCUMENT CONTROL ADDENDUM #01-40351.00

Current Issue Date: 02/14/02

Report No.: 01-40351.01

Requested by: William Emley, MI Home Products, Inc.

Purpose: AAMA/NWWDA 101/LS-2-97 testing of Series/Model 744 aluminum single hung window with flange.

Issued Date: 12/28/01

Comments: Florida P.E. seal required on report.
Certification copy to John Smith at Associated Laboratories, Inc.

Report No.: 01-40351.02

Requested by: William Emley, MI Home Products, Inc.

Purpose: Change of glass type.

Issued Date: 12/28/01

Comments: Florida P.E. seal required on report.
Certification copy to John Smith at Associated Laboratories.

Report No.: 01-40351.03

Requested by: William Emley, MI Home Products, Inc.

Purpose: AAMA/NWWDA 101/LS-2-97 testing of Series/Model 740/744 aluminum single hung window with nail fin.

Issued Date: 02/14/02

Comments: Florida P.E. seal required on report.
Certification copy to John Smith at Associated Laboratories, Inc.

Report No.: 01-40351.04

Requested by: William Emley, MI Home Products, Inc.

Purpose: Revised Report No. 01-40351.01

Issued Date: 02/14/02

Comments: Changed Series/Model from 744 to 740/744 and unit size from 52 x 71 to 53 x 73. Florida P.E. seal required on report. Certification copy to John Smith at Associated Laboratories, Inc.



Allen H. Reeves



Architectural Testing

AAMA/NWWDA 101/LS-2-97 TEST REPORT

Rendered to:

MI HOME PRODUCTS, INC.
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-40351.03
Test Dates: 10/22/01
And: 10/23/01
Report Date: 02/15/02
Expiration Date: 10/23/05

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness performance testing on a Series/Model 740/744, aluminum single hung window at MI Home Products, Inc.'s test facility in Elizabethtown, Pennsylvania. The sample tested successfully met the performance requirements for a H-R45 S2 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/LS-2-97, *Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors*.

Test Specimen Description:

Series/Model: 740/744

Type: Aluminum Single Hung Window With Nail Fin

Overall Size: 4' 4-1/8" wide by 5' 11-5/8" high

Active Sash Size: 4' 2-3/4" wide by 2' 11-5/8" high

Fixed Daylight Opening Size: 4' 1-1/8" wide by 2' 9" high

Screen Size: 4' 1-7/8" wide by 2' 11-5/16" high

Finish: All aluminum was polished.

Glazing Details: The active sash and fixed lite were glazed with one sheet of 1/8" thick clear tempered glass. Each sash was channel glazed using a flexible vinyl gasket.

130 Perry Court
York, PA 17404-1000
Phone: 717-766-7700
Fax: 717-766-7701



New

R-45

Rating

**AAMA/NWDA 101/LS2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 740/744

TYPE: Aluminum Single Hung Window with Nail Fin

A-C

Title of Test	Results
Rating	H R45 52 x 72
Overall Design Pressure	45 psf
Operating Force	24 lb max.
Air Infiltration	0.10 cfm/ft ²
Water Resistance	6.75 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

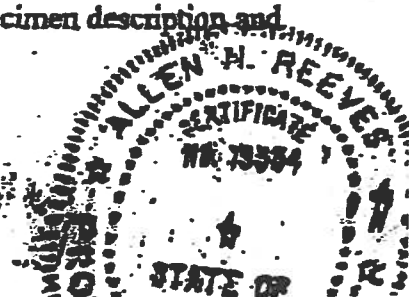
Reference should be made to Report No. 01-40351.03 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.


Mark A. Hess, Technician

MAH:baw

Allen H. R.



DoorCraft® Steel

OUTSWING OPAQUE DOORS W/ A W/O SIDELITES
WOOD EDGE INSULATED STEEL DOOR WITH WOOD FRAMES

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1984 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. IMPACT RESISTANT SHUTTERS REQUIRED FOR Sidelites.
5. DESIGNED PRESSURE RATING SHALL BE AS FOLLOWS:
- SET DESIGN PRESSURE RATING TABLE SHEET ONE.
6. Sidelites ARE AN OPTION AND CAN BE IN A SINGLE OR DOUBLE CONFIGURATION.
7. THIS SYSTEM DOES MEET THE WATER REQUIREMENTS IN MIAMI-DADE COUNTY.

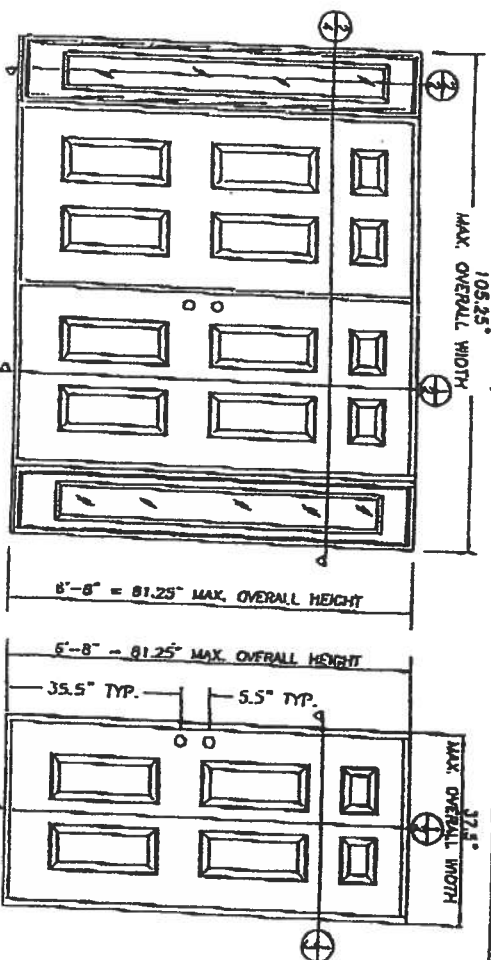
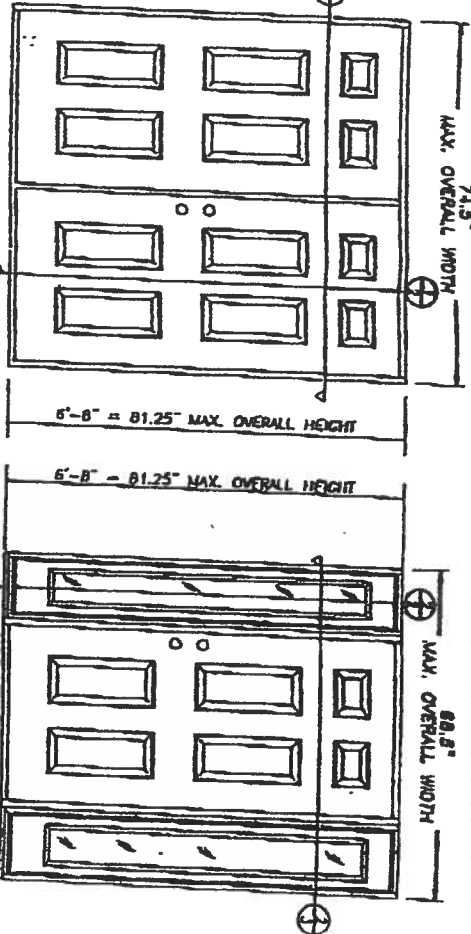
RESIDENTIAL INSULATED STEEL DOOR

(Common to all frame conditions)

Door Leaf Construction:
Edge sheets: 24 ga. (0.020") minimum thickness.
Galvanized steel A-325 commercial quality, 4000 per ASME 620 with yield strength f_y (min.) = 24,800 psi.
Core design: Expanded polystyrene with 1.0 to 1.25 lbs. density.
Construction: Steel face sheets glued to expanded polystyrene (EPS), with wood rolls and laminated veneer lumber (LVL) and a wood lock block reinforcement.
Example Construction: The head jams and side jambs are mortised, butted and joined using three $7/8" \times 2"$ wire staples.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	COMMON (GENERAL NOTES, TYPICAL ELEVATION)
2	VERTICAL CROSS SECTIONS & BILL OF MATERIALS
3	HORIZONTAL CROSS SECTIONS (SINGLE W/O SIDELITES)
4	HORIZONTAL CROSS SECTIONS (DOUBLE W/O SIDELITES)
5	ANCHORING LOCATIONS & DOOR MODELS



DOUBLE DOOR W/ SIDELITES ELEVATION

SINGLE DOOR W/ SIDELITES ELEVATION

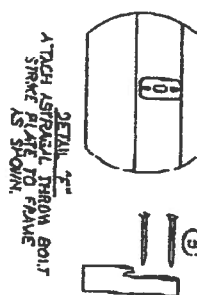
DESIGN PRESSURE RATING	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+ 53.0 PSF
NEGATIVE	- 57.0 PSF

APPROVED AS COMPETING VARI THE SOUTH FLORIDA BUILDING CODE
DATE: 9/25/00
BY: J. W. WEN
PROJECT: 31725 HIGHWAY 97 NORTH
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 02-1008.05

REVISIONS

PRODUCT:
O/S OPAQUE STEEL DOOR
DOUBLE & SINGLE UNITS
W & W/O SIDELITES
PART OR ASSEMBLY:
ELEVATIONS AND
GENERAL NOTES

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILOQUIN, OR. 97624
PH. 541.783.2057



APPROVED AS COMPLIING WITH
SOLINICULA BULKING CODE
ON 18th Nov 1982 by
Mr Michael J. Smith
PLANT & GARDEN DIVISION
SUSSEX COUNCIL COMPLIANCE OFFICER
ACCOMPANIED BY 10030

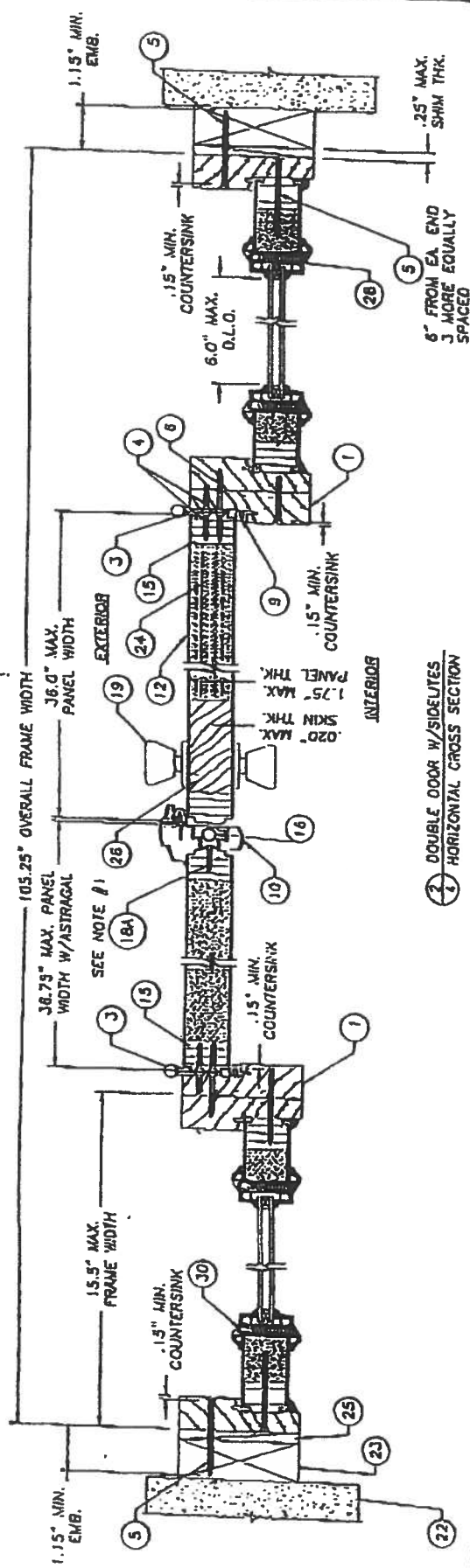
DATE 5 of 8

STW ENG. CHAS.
CONSULTANTS, INC.
813.884.2451

[illegible]

PRODUCT:	O/S OPAQUE STEEL DOOR TWOLEAF & SINGLE UNITS W & W/O SIDELITES
PART OR ASSEMBLY:	ANCHORING LOCATIONS AND GLASS DETAIL

JELD-WEN, INC.
31725 HIGHWAY 97 NORTH
CHILCOOT, OR 97824
PH. 541.789.2057



1. SPACING FOR #18A IS AS FOLLOWS: FROM TOP DOWN 1" 2 1/2" 4" 5 1/2" 13" 18" & 26". SPACING FROM THE BOTTOM UP IS THE SAME.
2. ATTACH THE STRIKE PLATE AND THE DEAGBOLY PLATE TO THE ASFRAGAL USING A #8 x 2" LG PHILLIPS FLATHEAD SCREW.

① DOUBLE DOOR
② HORIZONTAL CROSS SECTION

② DOUBLE DOOR W/SIDEWALKS
① HORIZONTAL CROSS SECTION

[illegible]

R
W
B
C

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33594 Phone 813.684.3831 Facsimile 813.684.3831

ENGINEER'S NOTICE OF EVALUATION # GSI-162F

JELD-WEN, INC.
3250 Lakeport Blvd.
Klamath Falls, Oregon 97601
Phone 541.783.2057 Facsimile 541.783.3592

DESCRIPTION OF UNIT

Model Designation: DoorCraft® Gladiator® Steel Door (Glazed or Opaque) with or without Side-lites

Maximum Overall Nominal Size: up to 5'4" x 6'8" **Usable In-swing Configurations:** X, OXO, XO & OX

General Description: The head and jambs are wood measuring 4.5" x 1.25" with an extruded aluminum saddle threshold. The door panels and sidelite panels are 1.75" thick and consist of two 25 gauge (min 0.018") steel skins glued to wood stiles and rails with an expanded polystyrene core. The glazed models are routed to receive 1/2" insulated tempered lip lite inserts manufactured by ODL.

FBC Section 1707 Materials and Assembly Tests:
(1707.4.3 Exterior Door Assemblies; 1707.4.5 Mullions Door Assemblies)

Test	Description	Test Location	Date	Report No.	Certifying Engineer
ASTME330	Uniform Static Air Pressure	CTL - Orlando, Florida QII - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W 898-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
AAMA 1302.5	Forced Entry	CTL - Orlando, Florida QII - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W 898-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
ASTME331	** Water Penetration	CTL - Orlando, Florida QII - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W 898-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891
ASTME283	Air Infiltration	CTL - Orlando, Florida QII - Everett, Washington	October 6, 1999 August 13, 1998	CTLA456W 898-280-MH	Ramesh Patel P.E. # 20224 J. Clark Johnson P.E. # 15891

** Sidelites are considered a window and meet 15% of Positive Design Pressure water infiltration criteria under ASTM E331.

Design Pressure Ratings:

Configuration	Maximum Size	Design Pressure Rating
Opaque Single	Up To 6'8" x 6'8"	30 psf - 150 psf
Opaque Single with Sidelites - OX, OXO	Up To 6'8" x 6'8"	30 psf - 150 psf
Glazed Single	Up To 6'8" x 6'8"	30 psf - 150 psf
Glazed Single with Sidelites - XO, OXO, OXO	Up To 6'8" x 6'8"	30 psf - 150 psf

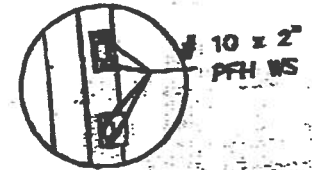
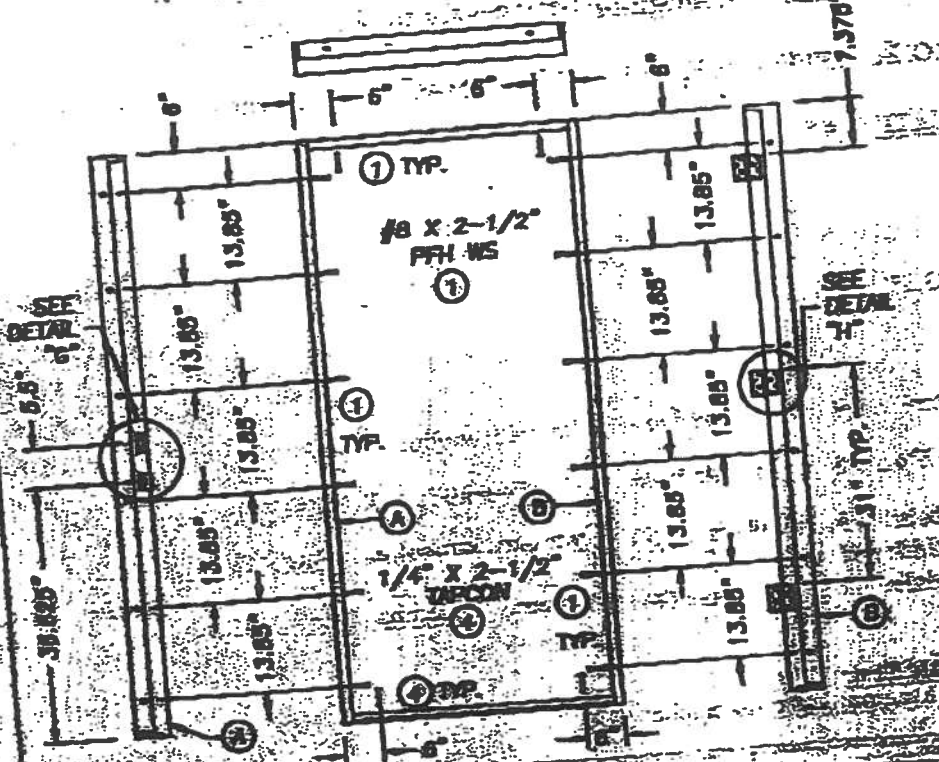
Installation and Anchoring: See reverse side this page

Use

1. Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures does not exceed the design pressure ratings listed above.
2. For Masonry installations where the sub-buck is less than 1-1/2 inches (FBC section 1707.4.4 Anchorage Methods and sub-sections 1707.4.4.1 and 1707.4.4.2) same diameter Tapcon type concrete anchors must be substituted and the length must be such that a minimum 1-1/4" engagement of the Tapcon into the masonry wall is obtained.

Certification: Florida Professional Engineer - Seal No. 54158 March 12, 2002 Wendell Haney

DoorCraft® Gladiator wood Maximum Size Up To 5'4" x 6'8"



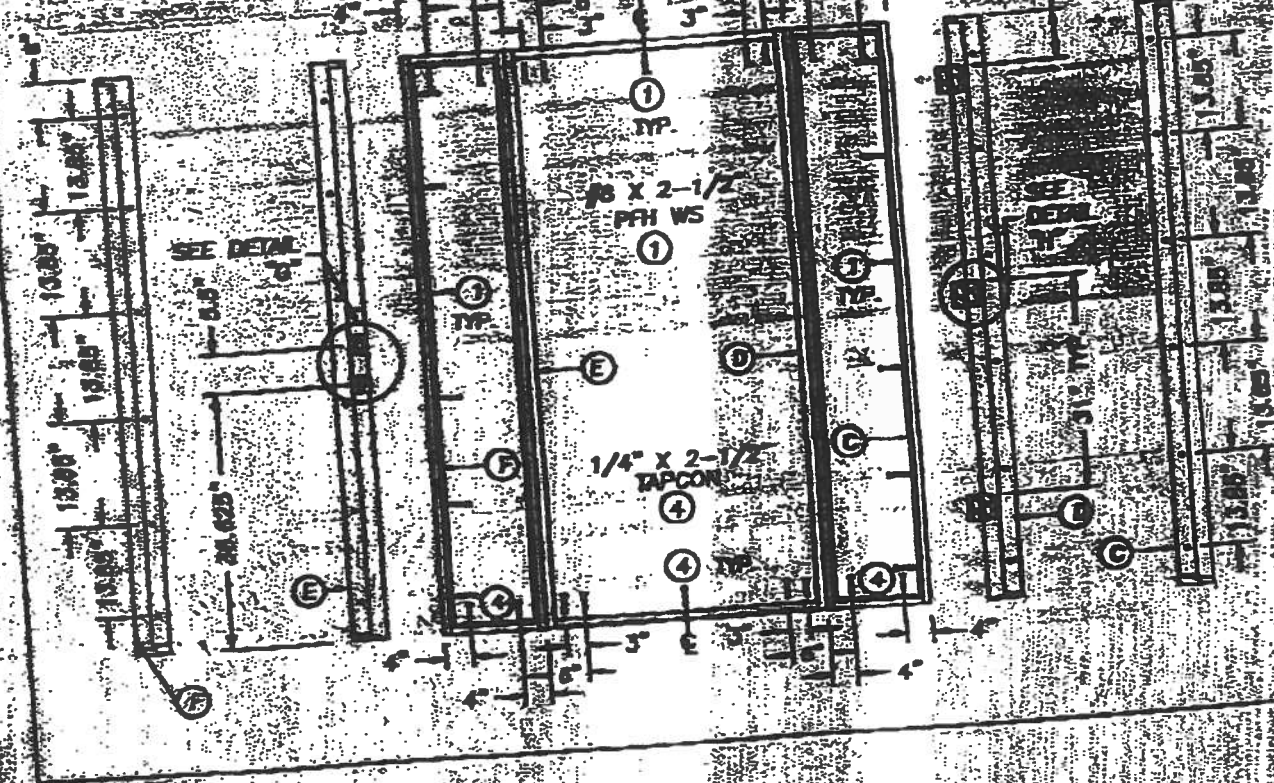
DETAIL 7"
STRIKE AND DEADBOLT
PLATES TO FRAME



DETAIL 7"
HINGE TO DOOR
AND FRAME

NOTE NO. 1
WHEN ATTACHING THE
HINGE LINE TO THE
SIDE RAIL, USE A
#10 x 2-1/2" PFH WS.
WHEN ANCHORING A 30" x 80"
DOOR TO SUB RAIL, USE A
#10 x 2" PFH WS AND A
#8 x 1" PFH WS IN THE
REMAINING HOLES.

NOTE:
SIDELITES ARE AN OPTION
AND CAN BE IN A SINGLE
OR DOUBLE CONFIGURATION.



DETAIL 7"
HINGE TO DOOR
AND FRAME

Residential System Sizing Calculation

Summary

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

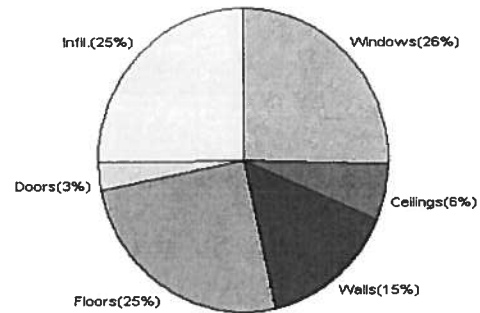
12/21/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	38882 Btuh	Total cooling load calculation	33613 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	115.7 45000	Sensible (SHR = 0.75)	121.2 33750
Heat Pump + Auxiliary(0.0kW)	115.7 45000	Latent	194.8 11250
		Total (Electric Heat Pump)	133.9 45000

WINTER CALCULATIONS

Winter Heating Load (for 1988 sqft)

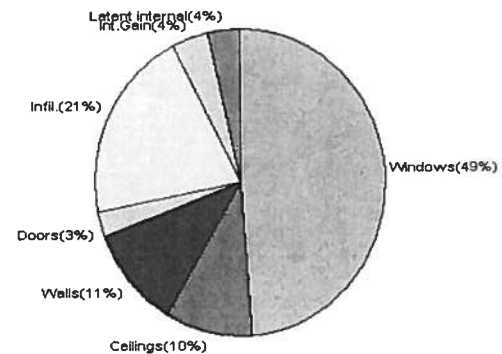
Load component		Load	
Window total	311 sqft	10011	Btuh
Wall total	1772 sqft	5819	Btuh
Door total	90 sqft	1166	Btuh
Ceiling total	2003 sqft	2360	Btuh
Floor total	226 sqft	9867	Btuh
Infiltration	238 cfm	9658	Btuh
Duct loss		0	Btuh
Subtotal		38882	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		38882	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1988 sqft)

Load component		Load	
Window total	311 sqft	16361	Btuh
Wall total	1772 sqft	3569	Btuh
Door total	90 sqft	882	Btuh
Ceiling total	2003 sqft	3317	Btuh
Floor total		0	Btuh
Infiltration	125 cfm	2330	Btuh
Internal gain		1380	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		27838	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		4575	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		5775	Btuh
TOTAL HEAT GAIN		33613	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *Benjamin*

DATE: *12-21-05*

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

12/21/2005

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	45.0		32.2	1449 Btuh
2	2, Clear, Metal, 0.87	NE	10.0		32.2	322 Btuh
3	2, Clear, Metal, 0.87	NW	30.0		32.2	966 Btuh
4	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
5	2, Clear, Metal, 0.87	W	15.0		32.2	483 Btuh
6	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
7	2, Clear, Metal, 0.87	SW	20.0		32.2	644 Btuh
8	2, Clear, Metal, 0.87	NE	10.0		32.2	322 Btuh
9	2, Clear, Metal, 0.87	NE	16.0		32.2	515 Btuh
10	2, Clear, Metal, 0.87	SE	21.0		32.2	676 Btuh
11	2, Clear, Metal, 0.87	SE	24.0		32.2	773 Btuh
12	2, Clear, Metal, 0.87	SE	16.0		32.2	515 Btuh
13	2, Clear, Metal, 0.87	SE	28.0		32.2	901 Btuh
14	2, Clear, Metal, 0.87	SE	20.0		32.2	644 Btuh
15	2, Clear, Metal, 0.87	SW	15.0		32.2	483 Btuh
16	2, Clear, Metal, 0.87	SW	6.0		32.2	193 Btuh
Window Total			311(sqft)			10011 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1552		3.3	5097 Btuh
2	Frame - Wood - Adj(0.09)	13.0	220		3.3	722 Btuh
Wall Total			1772			5819 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
3	Insulated - Exterior		50		12.9	648 Btuh
Door Total			90			1166Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2003		1.2	2360 Btuh
Ceiling Total			2003			2360Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	226.0	ft(p)	43.7	9867 Btuh
Floor Total			226			9867 Btuh
Zone Envelope Subtotal:						29223 Btuh
Infiltration	Type	ACH X	Zone Volume		CFM=	
	Natural	0.80	17883		238.4	9658 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					38882 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

12/21/2005

WHOLE HOUSE TOTALS

	Subtotal Sensible	38882 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	38882 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)



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

12/21/2005

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	45.0	32.2	1449 Btuh
2	2, Clear, Metal, 0.87	NE	10.0	32.2	322 Btuh
3	2, Clear, Metal, 0.87	NW	30.0	32.2	966 Btuh
4	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btuh
5	2, Clear, Metal, 0.87	W	15.0	32.2	483 Btuh
6	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
7	2, Clear, Metal, 0.87	SW	20.0	32.2	644 Btuh
8	2, Clear, Metal, 0.87	NE	10.0	32.2	322 Btuh
9	2, Clear, Metal, 0.87	NE	16.0	32.2	515 Btuh
10	2, Clear, Metal, 0.87	SE	21.0	32.2	676 Btuh
11	2, Clear, Metal, 0.87	SE	24.0	32.2	773 Btuh
12	2, Clear, Metal, 0.87	SE	16.0	32.2	515 Btuh
13	2, Clear, Metal, 0.87	SE	28.0	32.2	901 Btuh
14	2, Clear, Metal, 0.87	SE	20.0	32.2	644 Btuh
15	2, Clear, Metal, 0.87	SW	15.0	32.2	483 Btuh
16	2, Clear, Metal, 0.87	SW	6.0	32.2	193 Btuh
Window Total			311(sqft)		10011 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1552	3.3	5097 Btuh
2	Frame - Wood - Adj(0.09)	13.0	220	3.3	722 Btuh
Wall Total			1772		5819 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		50	12.9	648 Btuh
Door Total			90		1166Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2003	1.2	2360 Btuh
Ceiling Total			2003		2360Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	226.0 ft(p)	43.7	9867 Btuh
Floor Total			226		9867 Btuh
Zone Envelope Subtotal:					29223 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.80	17883	238.4	9658 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				38882 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

12/21/2005

WHOLE HOUSE TOTALS

	Subtotal Sensible Ventilation Sensible Total Btuh Loss	38882 Btuh 0 Btuh 38882 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)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

12/21/2005

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft	5.5ft	45.0	0.0	45.0	29	60	2702	Btuh
2	2, Clear, 0.87, None,N,N	NE	99ft.	10ft.	10.0	0.0	10.0	29	60	600	Btuh
3	2, Clear, 0.87, None,N,N	NW	6ft.	7ft.	30.0	0.0	30.0	29	60	1801	Btuh
4	2, Clear, 0.87, None,N,N	NW	6ft.	10ft.	20.0	0.0	20.0	29	60	1201	Btuh
5	2, Clear, 0.87, None,N,N	W	7ft.	6ft.	15.0	14.4	0.6	29	80	463	Btuh
6	2, Clear, 0.87, None,N,N	NW	10ft.	6ft.	15.0	0.0	15.0	29	60	901	Btuh
7	2, Clear, 0.87, None,N,N	SW	6ft.	10ft.	20.0	20.0	0.0	29	63	579	Btuh
8	2, Clear, 0.87, None,N,N	NE	1.5ft	3ft.	10.0	0.0	10.0	29	60	600	Btuh
9	2, Clear, 0.87, None,N,N	NE	1.5ft	4.5ft	16.0	0.0	16.0	29	60	961	Btuh
10	2, Clear, 0.87, None,N,N	SE	1.5ft	8ft.	21.0	4.6	16.4	29	63	1160	Btuh
11	2, Clear, 0.87, None,N,N	SE	1.5ft	8ft.	24.0	2.1	21.9	29	63	1431	Btuh
12	2, Clear, 0.87, None,N,N	SE	12ft.	10ft.	16.0	16.0	0.0	29	63	463	Btuh
13	2, Clear, 0.87, None,N,N	SE	1.5ft	8ft.	28.0	6.1	21.9	29	63	1546	Btuh
14	2, Clear, 0.87, None,N,N	SE	1.5ft	5.5ft	20.0	8.1	11.9	29	63	979	Btuh
15	2, Clear, 0.87, None,N,N	SW	1.5ft	5.5ft	15.0	6.1	8.9	29	63	734	Btuh
16	2, Clear, 0.87, None,N,N	SW	1.5ft	3.5ft	6.0	4.0	2.0	29	63	239	Btuh
	Window Total				311 (sqft)					16361 Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load	
1	Frame - Wood - Ext			13.0/0.09	1552.0			2.1		3237 Btuh	
2	Frame - Wood - Adj			13.0/0.09	220.0			1.5		332 Btuh	
	Wall Total				1772 (sqft)					3569 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Adjacent				20.0			9.8		196 Btuh	
2	Insulated - Exterior				20.0			9.8		196 Btuh	
3	Insulated - Exterior				50.0			9.8		490 Btuh	
	Door Total				90 (sqft)					882 Btuh	
Ceilings	Type/Color/Surface			R-Value	Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle			30.0	2003.0			1.7		3317 Btuh	
	Ceiling Total				2003 (sqft)					3317 Btuh	
Floors	Type			R-Value	Size			HTM		Load	
1	Slab On Grade			0.0	226 (ft(p))			0.0		0 Btuh	
	Floor Total				226.0 (sqft)					0 Btuh	
	Zone Envelope Subtotal:									24129 Btuh	
Infiltration	Type			ACH	Volume(cuft)			CFM=		Load	
	SensibleNatural			0.42	17883			125.2		2330 Btuh	
Internal gain				Occupants	Btuh/occupant			Appliance		Load	
				6	X 230 +			0		1380 Btuh	
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									27838 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

12/21/2005

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	27838 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	27838 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	27838 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	4575 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	5775 Btuh
	TOTAL GAIN	33613 Btuh

*Key: Window types (Pn - Number of panes of glass)
(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(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

12/21/2005

Component Loads for Zone #1: Main

Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft	5.5ft	45.0	0.0	45.0	29	60	2702	Btuh
2	2, Clear, 0.87, None,N,N	NE	99ft.	10ft.	10.0	0.0	10.0	29	60	600	Btuh
3	2, Clear, 0.87, None,N,N	NW	6ft.	7ft.	30.0	0.0	30.0	29	60	1801	Btuh
4	2, Clear, 0.87, None,N,N	NW	6ft.	10ft.	20.0	0.0	20.0	29	60	1201	Btuh
5	2, Clear, 0.87, None,N,N	W	7ft.	6ft.	15.0	14.4	0.6	29	80	463	Btuh
6	2, Clear, 0.87, None,N,N	NW	10ft.	6ft.	15.0	0.0	15.0	29	60	901	Btuh
7	2, Clear, 0.87, None,N,N	SW	6ft.	10ft.	20.0	20.0	0.0	29	63	579	Btuh
8	2, Clear, 0.87, None,N,N	NE	1.5ft	3ft.	10.0	0.0	10.0	29	60	600	Btuh
9	2, Clear, 0.87, None,N,N	NE	1.5ft	4.5ft	16.0	0.0	16.0	29	60	961	Btuh
10	2, Clear, 0.87, None,N,N	SE	1.5ft	8ft.	21.0	4.6	16.4	29	63	1160	Btuh
11	2, Clear, 0.87, None,N,N	SE	1.5ft	8ft.	24.0	2.1	21.9	29	63	1431	Btuh
12	2, Clear, 0.87, None,N,N	SE	12ft.	10ft.	16.0	16.0	0.0	29	63	463	Btuh
13	2, Clear, 0.87, None,N,N	SE	1.5ft	8ft.	28.0	6.1	21.9	29	63	1546	Btuh
14	2, Clear, 0.87, None,N,N	SE	1.5ft	5.5ft	20.0	8.1	11.9	29	63	979	Btuh
15	2, Clear, 0.87, None,N,N	SW	1.5ft	5.5ft	15.0	6.1	8.9	29	63	734	Btuh
16	2, Clear, 0.87, None,N,N	SW	1.5ft	3.5ft	6.0	4.0	2.0	29	63	239	Btuh
	Window Total				311 (sqft)					16361 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext	13.0/0.09		1552.0			2.1		3237 Btuh		
2	Frame - Wood - Adj	13.0/0.09		220.0			1.5		332 Btuh		
	Wall Total			1772 (sqft)					3569 Btuh		
Doors	Type				Area (sqft)		HTM		Load		
1	Insulated - Adjacent				20.0		9.8		196 Btuh		
2	Insulated - Exterior				20.0		9.8		196 Btuh		
3	Insulated - Exterior				50.0		9.8		490 Btuh		
	Door Total			90 (sqft)					882 Btuh		
Ceilings	Type/Color/Surface	R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0		2003.0			1.7		3317 Btuh		
	Ceiling Total			2003 (sqft)					3317 Btuh		
Floors	Type	R-Value		Size			HTM		Load		
1	Slab On Grade	0.0		226 (ft(p))			0.0		0 Btuh		
	Floor Total			226.0 (sqft)					0 Btuh		
	Zone Envelope Subtotal:									24129 Btuh	
Infiltration	Type	ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural	0.42		17883			125.2		2330 Btuh		
Internal gain	Occupants		Btuh/occupant			Appliance		Load			
	6		X 230 +			0		1380 Btuh			
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									27838 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

Class 3 Rating
Registration No. 0
Climate: North

12/21/2005

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	27838 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	27838 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	27838 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	4575 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	5775 Btuh
	TOTAL GAIN	33613 Btuh

*Key: Window types (Pn - Number of panes of glass)
(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(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Park,J,T & Rhonda
1391 Birley Ave.
Lake City, FL

Project Title:
512093Park,J,T & Rhonda

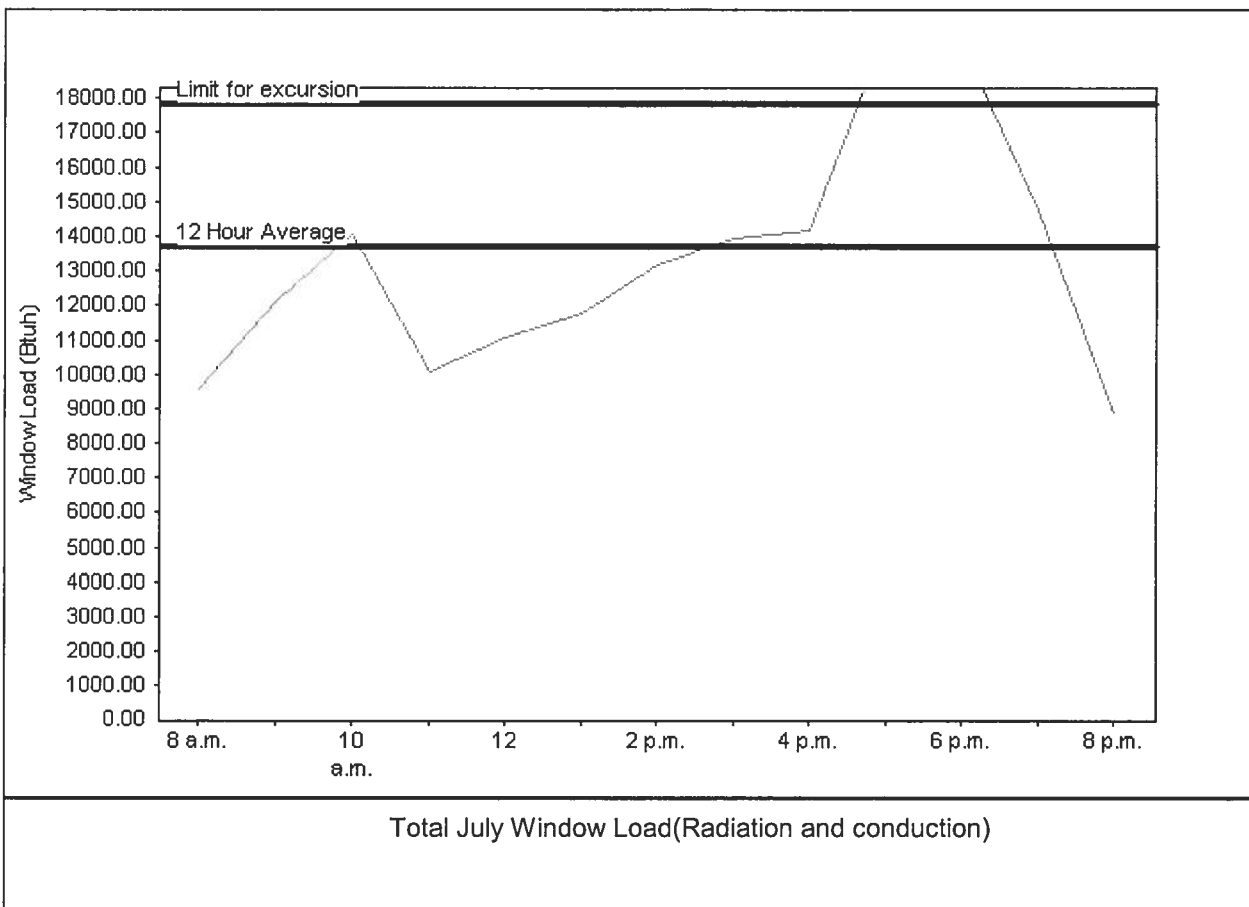
Class 3 Rating
Registration No. 0
Climate: North

12/21/2005

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	13707 Btu
Summer setpoint	75 F	Peak window load for July	20099 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	17819 Btu
Latitude	29 North	Window excursion (July)	2281 Btuh

WINDOW Average and Peak Loads



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: *[Signature]*
DATE: 12-21-05

EnergyGauge® FLR2PB v4.1



ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Site Plan including:</u> <ol style="list-style-type: none"> Dimensions of lot Dimensions of building set backs Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. Provide a full legal description of property.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Wind-load Engineering Summary, calculations and any details required</u> Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC <ol style="list-style-type: none"> Basic wind speed (3-second gust), miles per hour (km/hr). Wind importance factor, I_w, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. Components and Cladding. The design wind pressures in terms of psf (kN/m^2) to be used for the design of exterior component and cladding materials not specifi ally designed by the registered design professional.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Elevations including:</u> <ol style="list-style-type: none"> All sides Roof pitch Overhang dimensions and detail with attic ventilation

- | | |
|----------------|-------------------------------------|
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| 98 | <input checked="" type="checkbox"/> |
| 99 | <input checked="" type="checkbox"/> |
| 100 | <input checked="" type="checkbox"/> |

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 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 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiteicide or alternative method)
11. Slab on grade
 - a. Vapor retarder (6Mil. 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 Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- 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
- g) Arc Fault Circuits (AFCI) in bedrooms
- h) Exhaust fans in bathroom

HVAC information

- a) Energy Calculations (dimensions shall match plans)
- b) Manual J sizing equipment or equivalent computation
- c) Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

*****Notice Of Commencement Required Before Any Inspections Will Be Done**

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 projects.
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. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be 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. (386) 497-2321
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) 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. Development permit cost is \$50.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

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

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 1391 BIRLEY AVE, L.C. **Project Name:** R&DT, PARK

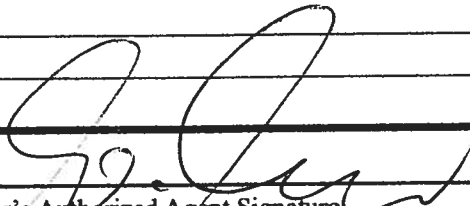
As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	CRAFT	FRENCH DOOR, STEEL	00-1003.03
2. Sliding			
3. Sectional			
4. Roll up	GLOPHY	GARAGE DOOR	98-1122.01
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	BIS	BETTER BULD 740A	01-40317.03
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding		BRICK	
2. Soffits		ALUMINUM VENTED	
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	ELK	ARCHITECT. GRADE	FL 506
2. Underlayments		FELT #15	
3. Roofing Fasteners		GALV. ROOF NAILS 1 1/4	
4. Non-structural Metal Rf		18 GAGE GALV.	
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor	SIMPSON	S	----
2. Truss plates		MAKO TRUSS COMP.	
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection


 Contractor or Contractor's Authorized Agent Signature
 1391 BIRLEY AVE, L.C.
 Location

WOLF SCHRAM 12.27.05
 Print Name Date
 Permit # (FOR STAFF USE ONLY)

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529

Reference to: Build permit application Number: **0512-61**

Wolf Schron Owner J. T. & Rhonda Park 1391 Birley Ave.

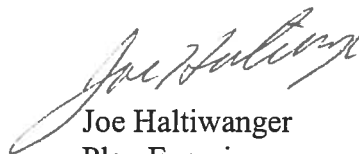
On the date of December 29, 2005 application 0512-61 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0512-61 when making reference to this application.

1. Please verify compliance with article 110.26(A)(2) of the National Electrical Code (2001)

The electrical panel in the garage closet must have thirty inches (30") clear working space.

Thank you,



Joe Haltiwanger
Plan Examiner
Columbia County Building Department

Notice of Treatment

11828

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

Address: BAYVIEW
City LC Phone 752-1703

Site Location: Subdivision _____

Lot # _____ Block# _____ Permit # 24020

Address 1391 Birkley Ave

Product used

Active Ingredient

% Concentration

- | | | |
|---|----------------------------------|-------|
| <input type="checkbox"/> Premise | Imidacloprid | 0.1% |
| <input type="checkbox"/> Termidor | Fipronil | 0.12% |
| <input checked="" type="checkbox"/> Bora Care | Disodium Octaborate Tetrahydrate | 23.0% |

Type treatment:

☐ Soil ☒ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
<u>Wall/149</u>	<u>2950</u>	<u>787</u>	<u>6</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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 _____.

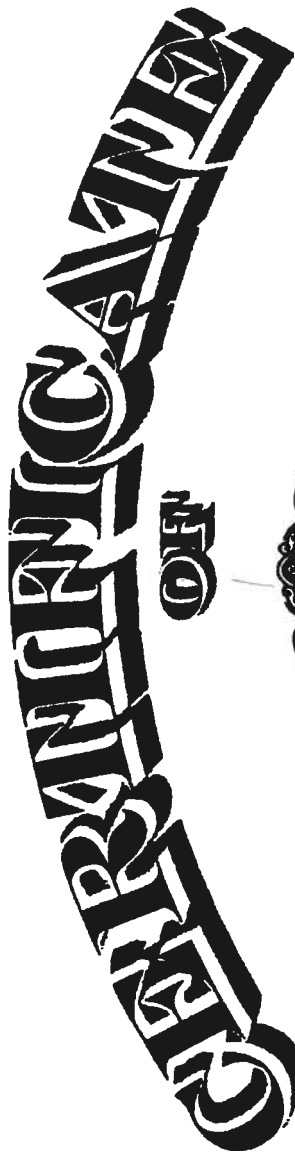
2/21/06 0830 F254
Date Time Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink



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 05-4S-16-02775-002

Building permit No. 000024020

Use Classification SFD, UTILITY

Fire: 29.60

Permit Holder WOLF SCHROM

Waste: 61.25

Owner of Building RHONDA & JT PARK

Total: 90.85

Location: 1391 SW BIRLEY AVE, LAKE CITY, FL

Date: 05/08/2006

Harry Dick

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

