

Columbia County Building Permit Application

Revised 9-23-0

For Office Use Only Application # 0609-87 Date Received 9/28/06 By GF Permit # 1223/25073
Application Approved by - Zoning Official BK Date 03.10.06 Plans Examiner OKJTH Date 10-2-06
Flood Zone Xpert Development Permit N/A Zoning RR Land Use Plan Map Category RES.U.2.OEN.
Comments 1st Floor 1' above RL

FAX 752-4904

Applicants Name Kimmy Edgley Phone 386-752-0580
Address 590 SW Arlington Blvd, Suite 105 Lake City Fl 32025
Owners Name Libronio & Taylor Goes Phone 386-752-0580
911 Address 292 SW Pine Forest Court, Lake City, Fl 32024
Contractors Name Edgley Construction Company Phone 386-752-0580
Address 590 SW Arlington Blvd, Suite 105 Lake City, Fl 32025
Fee Simple Owner Name & Address Libronio & Taylor Goes
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Mark Disosway PE P.O. Box 868 Lake City Fl 32056
Mortgage Lenders Name & Address Mercantile Bank 425 22ND Avenue North St Petersburg Fl 33704
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 09-4S-16-02829-058 Estimated Cost of Construction \$159,000
Subdivision Name Pine Forest Lot 8 Block Unit Phase
Driving Directions Hwy 90 West, TL on County Road 247, TR on Upchurch, T1 on Thompsons, TR on Pine Forest to end on left

Type of Construction Single Residential Number of Existing Dwellings on Property N/A
Total Acreage 1.25 Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 90' Side 62' Side 45' Rear 161'
Total Building Height 19'1" Number of Stories 1 Heated Floor Area 1856 Roof Pitch 6/12
TOTAL 2749

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.

Kimmy Edgley - Agent
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 28th day of SEPT 2006

Personally known or Produced Identification

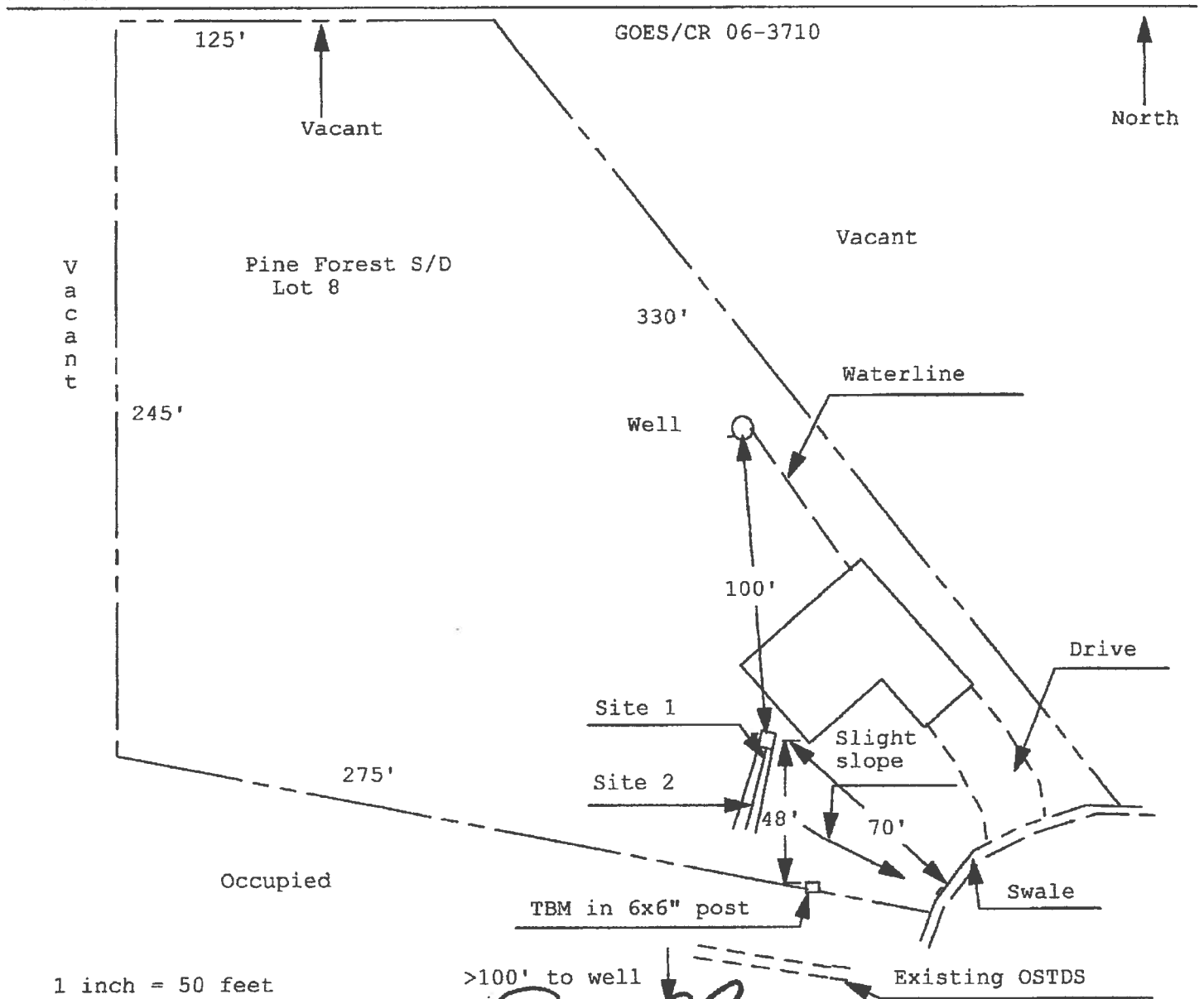
Donna L. Clark
Contractor Signature
Contractors License Number RR282811326
Competency Card Number 5472
NOTARY STAMP/SEAL

Jane Clark
Notary Signature
JAN CLARK
MY COMMISSION # DD 181635
EXPIRES: March 28, 2007
Bonded Thru Budget Notary Services

TW left MESSAGE with M. EOGLEY 10.3.06

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 06-0864N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT




Site Plan Submitted By Paul Lloyd Date 9/26/06
Plan Approved ☒ Not Approved ☐ Date 9/27/06
By mm a 2n Columbia CPHU

Notes: _____

SYSADM.RPT

PARCEL_I	ADDRESS	NEWCITY	NE NEWZI
02829-058	292 SW PINE FOREST CT	LAKE CITY	FL 32024

1 records selected.


COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
~~XXXX NORTH FIRST STREET~~
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

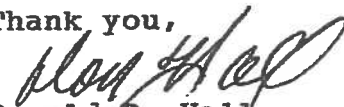
June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,


Donald D. Hall
DDH/jk

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: 607146GoesLibronio&Taylor Address: Pine Forest Drive City, State: , FL Owner: Goes Libronio & Taylor Climate Zone: North	Builder: Permitting Office: Columbia Permit Number: 25073 Jurisdiction Number: 2400C
---	---

<ol style="list-style-type: none"> 1. New construction or existing New <input type="checkbox"/> 2. Single family or multi-family Single family <input type="checkbox"/> 3. Number of units, if multi-family 1 <input type="checkbox"/> 4. Number of Bedrooms 3 <input type="checkbox"/> 5. Is this a worst case? Yes <input type="checkbox"/> 6. Conditioned floor area (ft²) 1856 ft² <input type="checkbox"/> 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>211.3 ft²</td> </tr> <tr> <td>b. SHGC:</td> <td></td> <td></td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td>7b. (Clear)</td> <td>211.3 ft²</td> </tr> </table> 8. Floor types <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 30%;">R=0.0, 182.0(p) ft</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 9. Wall types <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 30%;">R=13.0, 1036.7 ft²</td> </tr> <tr> <td>b. Frame, Wood, Adjacent</td> <td>R=13.0, 148.0 ft²</td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> <tr> <td>d. N/A</td> <td></td> </tr> <tr> <td>e. N/A</td> <td></td> </tr> </table> 10. Ceiling types <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 30%;">R=30.0, 1958.0 ft²</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 11. Ducts <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH: Garage</td> <td style="width: 30%;">Sup. R=6.0, 176.0 ft</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> </table> 	a. U-factor:	Description	Area	(or Single or Double DEFAULT)	7a. (Dble Default)	211.3 ft ²	b. SHGC:			(or Clear or Tint DEFAULT)	7b. (Clear)	211.3 ft ²	a. Slab-On-Grade Edge Insulation	R=0.0, 182.0(p) ft	b. N/A		c. N/A		a. Frame, Wood, Exterior	R=13.0, 1036.7 ft ²	b. Frame, Wood, Adjacent	R=13.0, 148.0 ft ²	c. N/A		d. N/A		e. N/A		a. Under Attic	R=30.0, 1958.0 ft ²	b. N/A		c. N/A		a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 176.0 ft	b. N/A		<ol style="list-style-type: none"> 12. Cooling systems <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Central Unit</td> <td style="width: 30%;">Cap: 34.0 kBtu/hr</td> </tr> <tr> <td></td> <td>SEER: 11.00</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 13. Heating systems <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Electric Heat Pump</td> <td style="width: 30%;">Cap: 34.0 kBtu/hr</td> </tr> <tr> <td></td> <td>HSPF: 7.30</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 14. Hot water systems <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Electric Resistance</td> <td style="width: 30%;">Cap: 40.0 gallons</td> </tr> <tr> <td></td> <td>EF: 0.93</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. Conservation credits</td> <td></td> </tr> <tr> <td colspan="2">(HR-Heat recovery, Solar</td> </tr> <tr> <td colspan="2">DHP-Dedicated heat pump)</td> </tr> </table> 15. HVAC credits <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">(CF-Ceiling fan, CV-Cross ventilation,</td> </tr> <tr> <td>HF-Whole house fan,</td> </tr> <tr> <td>PT-Programmable Thermostat,</td> </tr> <tr> <td>MZ-C-Multizone cooling,</td> </tr> <tr> <td>MZ-H-Multizone heating)</td> </tr> </table> 	a. Central Unit	Cap: 34.0 kBtu/hr		SEER: 11.00	b. N/A		c. N/A		a. Electric Heat Pump	Cap: 34.0 kBtu/hr		HSPF: 7.30	b. N/A		c. N/A		a. Electric Resistance	Cap: 40.0 gallons		EF: 0.93	b. N/A		c. Conservation credits		(HR-Heat recovery, Solar		DHP-Dedicated heat pump)		(CF-Ceiling fan, CV-Cross ventilation,	HF-Whole house fan,	PT-Programmable Thermostat,	MZ-C-Multizone cooling,	MZ-H-Multizone heating)
a. U-factor:	Description	Area																																																																						
(or Single or Double DEFAULT)	7a. (Dble Default)	211.3 ft ²																																																																						
b. SHGC:																																																																								
(or Clear or Tint DEFAULT)	7b. (Clear)	211.3 ft ²																																																																						
a. Slab-On-Grade Edge Insulation	R=0.0, 182.0(p) ft																																																																							
b. N/A																																																																								
c. N/A																																																																								
a. Frame, Wood, Exterior	R=13.0, 1036.7 ft ²																																																																							
b. Frame, Wood, Adjacent	R=13.0, 148.0 ft ²																																																																							
c. N/A																																																																								
d. N/A																																																																								
e. N/A																																																																								
a. Under Attic	R=30.0, 1958.0 ft ²																																																																							
b. N/A																																																																								
c. N/A																																																																								
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 176.0 ft																																																																							
b. N/A																																																																								
a. Central Unit	Cap: 34.0 kBtu/hr																																																																							
	SEER: 11.00																																																																							
b. N/A																																																																								
c. N/A																																																																								
a. Electric Heat Pump	Cap: 34.0 kBtu/hr																																																																							
	HSPF: 7.30																																																																							
b. N/A																																																																								
c. N/A																																																																								
a. Electric Resistance	Cap: 40.0 gallons																																																																							
	EF: 0.93																																																																							
b. N/A																																																																								
c. Conservation credits																																																																								
(HR-Heat recovery, Solar																																																																								
DHP-Dedicated heat pump)																																																																								
(CF-Ceiling fan, CV-Cross ventilation,																																																																								
HF-Whole house fan,																																																																								
PT-Programmable Thermostat,																																																																								
MZ-C-Multizone cooling,																																																																								
MZ-H-Multizone heating)																																																																								

Glass/Floor Area: 0.11

Total as-built points: 25716

Total base points: 26660

PASS

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

PREPARED BY: Ben Smith

DATE: 7-28-06

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: Pine Forest Drive, , 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	1856.0	20.04	6695.0	Double, Clear	SW	8.0	5.5	20.0	40.16	0.43	344.5
				Double, Clear	SW	8.0	5.5	30.0	40.16	0.43	516.7
				Double, Clear	S	8.0	5.5	20.0	35.87	0.48	341.6
				Double, Clear	SW	1.5	5.5	60.0	40.16	0.86	2079.6
				Double, Clear	NW	1.5	1.5	4.0	25.97	0.64	66.3
				Double, Clear	NE	7.0	5.5	30.0	29.56	0.54	475.3
				Double, Clear	NE	7.0	7.3	13.3	29.56	0.60	233.9
				Double, Clear	NE	1.5	5.5	30.0	29.56	0.91	802.9
				Double, Clear	SE	1.5	1.5	4.0	42.75	0.49	84.6
				As-Built Total:				211.3	4945.5		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	148.0	0.70	103.6	Frame, Wood, Exterior	13.0		1036.7	1.50		1555.0	
Exterior	1036.7	1.70	1762.4	Frame, Wood, Adjacent	13.0		148.0	0.60		88.8	
Base Total: 1184.7 1866.0				As-Built Total:		1184.7		1643.8			
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	20.0	1.60	32.0	Exterior Insulated			20.0	4.10		82.0	
Exterior	40.0	4.10	164.0	Exterior Insulated			20.0	4.10		82.0	
				Adjacent Insulated			20.0	1.60		32.0	
Base Total: 60.0 196.0				As-Built Total:		60.0		196.0			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1856.0	1.73	3210.9	Under Attic	30.0		1958.0	1.73 X 1.00		3387.3	
Base Total: 1856.0 3210.9				As-Built Total:		1958.0		3387.3			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	182.0(p)	-37.0	-6734.0	Slab-On-Grade Edge Insulation	0.0		182.0(p)	-41.20		-7498.4	
Raised	0.0	0.00	0.0								
Base Total: -6734.0				As-Built Total:		182.0		-7498.4			
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1856.0 10.21 18949.8				1856.0 10.21 18949.8							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Pine Forest Drive, , FL,

PERMIT #:

BASE				AS-BUILT									
Summer Base Points: 24183.6				Summer As-Built Points: 21624.0									
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
24183.6		0.4266	10316.7	(sys 1: Central Unit 34000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 21624 1.00 (1.09 x 1.147 x 1.00) 0.310 1.000 8388.2 21624.0 1.00 1.250 0.310 1.000 8388.2									

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Pine Forest Drive, , 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	1856.0	12.74	4256.2	Double, Clear	SW	8.0	5.5	20.0	16.74	1.80	601.2
				Double, Clear	SW	8.0	5.5	30.0	16.74	1.80	901.8
				Double, Clear	S	8.0	5.5	20.0	13.30	3.24	861.9
				Double, Clear	SW	1.5	5.5	60.0	16.74	1.07	1076.8
				Double, Clear	NW	1.5	1.5	4.0	24.30	1.02	99.6
				Double, Clear	NE	7.0	5.5	30.0	23.57	1.05	742.3
				Double, Clear	NE	7.0	7.3	13.3	23.57	1.04	326.9
				Double, Clear	NE	1.5	5.5	30.0	23.57	1.01	712.7
				Double, Clear	SE	1.5	1.5	4.0	14.71	1.94	113.9
				As-Built Total:				211.3	5437.1		
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Adjacent	148.0	3.60	532.8	Frame, Wood, Exterior		13.0		1036.7	3.40	3524.8	
Exterior	1036.7	3.70	3835.8	Frame, Wood, Adjacent		13.0		148.0	3.30	488.4	
Base Total:				As-Built Total:				1184.7	4013.2		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	20.0	8.00	160.0	Exterior Insulated				20.0	8.40	168.0	
Exterior	40.0	8.40	336.0	Exterior Insulated				20.0	8.40	168.0	
				Adjacent Insulated				20.0	8.00	160.0	
Base Total:				As-Built Total:				60.0	496.0		
CEILING TYPES Area X BWPM = Points				Type		R-Value		Area X WPM X WCM = Points			
Under Attic	1856.0	2.05	3804.8	Under Attic		30.0		1958.0	2.05 X 1.00	4013.9	
Base Total:				As-Built Total:				1958.0	4013.9		
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Slab	182.0(p)	8.9	1619.8	Slab-On-Grade Edge Insulation		0.0		182.0(p)	18.80	3421.6	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				182.0	3421.6		
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
								1856.0	-0.59	-1095.0	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Pine Forest Drive, , FL,

PERMIT #:

BASE				AS-BUILT									
Winter Base Points:		13450.3		Winter As-Built Points:				16286.7					
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X	Cap Ratio (DM x DSM x AHU)	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Heating Points
13450.3		0.6274	8438.7	(sys 1: Electric Heat Pump 34000 btuh ,EFF(7.3) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 16286.7 1.000 (1.069 x 1.169 x 1.00) 0.467 1.000 9507.3 16286.7 1.00 1.250 0.467 1.000 9507.3									

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Pine Forest Drive, , FL,

PERMIT #:

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

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
10317		8439		7905 26660	8388		9507		7820 25716

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Pine Forest Drive, , 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* = 83.7

The higher the score, the more efficient the home.

Goes Libronio & Taylor, Pine Forest Drive, , FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1856 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 211.3 ft ²		HSPF: 7.30
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 211.3 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 182.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.93
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1036.7 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 148.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1958.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 176.0 ft		
b. N/A			

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

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



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

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001223

DATE 10/03/2006 PARCEL ID # 09-4S-16-02829-058

APPLICANT MARILYN EDGLEY PHONE 386.752.0580

ADDRESS 590 SW ARLINGTON BLVD. LAKE CITY FL 32025

OWNER LIBRONIO & TAYLOR GOES PHONE 386.752.0580

ADDRESS 292 SW PINE FOREST COURT LAKE CITY FL 32024

CONTRACTOR DOUG EDGLEY PHONE 386.752.0580

LOCATION OF PROPERTY 90-W TO SR 247-S TO UPCHURCH RD,TR TO THOMPCKINS,TL TO PINE FOREST,TR
AND IT'S THE LOT TOWARD THE VERY END ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PINE FOREST 8

SIGNATURE



INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

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

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



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



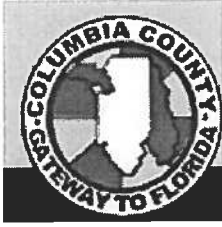
Other _____

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

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

Amount Paid 25.00





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

Reference to a building permit application Number: **0609-87**
Edgley Construction Owner Libronio Goes Property ID Lot 8 Pine Forest
Subdivision.

On the date of October 2, 2006 application 0609-87 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 0609-87 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

1. In the garage please show compliance with sections R309 of the Florida Residential Building Code 2004
 - a. R309.1 Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be

permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 1 3/8 inches (35 mm) thick, or 20-minute fire-rated doors.

- b. Sections R309.2 Separation required: The garage shall be separated from the residence and its attic area by not less than 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2-inch (12.7 mm) gypsum board or equivalent.
- c. The attic access opening (pull down ladder type attic egress door) in the garage ceiling shall have the same protection requirements of FRC-2004 C: R309.2 Separation required.
- d. FRC-2004 sections R309.1.1 Duct penetration: Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage.

- 2.** The electrical plans indicate the location of the electrical service entrance (meter can) and the interior location of the electrical circuit panel. At the electrical service entrance point an overcurrent protection device shall be installed on the exterior of structure which will provide overcurrent protection for the total service amperage rating and a means of disconnecting electrical service from the serving utility company. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.
- 3.** Please verify compliance with the two bathroom windows. FRC-2004 section R308.4 Hazardous locations: Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface. Each pane of glazing installed in hazardous locations as defined in Section R308.4 shall be provided with a manufacturer's or installer's label, designating the type and thickness of glass and the safety glazing standard with which it complies, which is visible in the final installation. The label shall be acid etched, sandblasted, ceramic-fired, embossed mark, or shall be of a type which once applied cannot be removed without being destroyed.

Thank You:

A handwritten signature in red ink, appearing to read "Joe Haltiwanger", with a stylized flourish at the end.

Joe Haltiwanger
Plan Examiner
Columbia County Building
Department

Residential System Sizing Calculation

Summary

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

Class 3 Rating
Registration No. 0
Climate: North

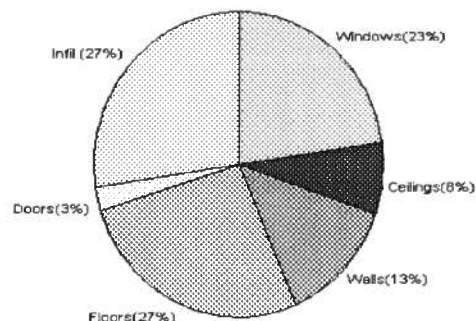
7/28/2006

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	29742 Btuh	Total cooling load calculation	24791 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	114.3 34000	Sensible (SHR = 0.75)	128.8 25500
Heat Pump + Auxiliary(0.0kW)	114.3 34000	Latent	170.1 8500
		Total (Electric Heat Pump)	137.1 34000

WINTER CALCULATIONS

Winter Heating Load (for 1856 sqft)

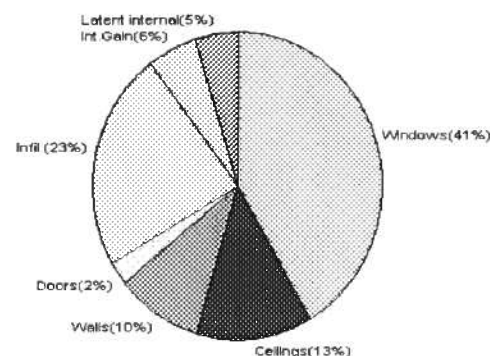
Load component	Load
Window total 211 sqft	6802 Btuh
Wall total 1185 sqft	3891 Btuh
Door total 60 sqft	777 Btuh
Ceiling total 1958 sqft	2307 Btuh
Floor total 182 sqft	7946 Btuh
Infiltration 198 cfm	8019 Btuh
Duct loss	0 Btuh
Subtotal	29742 Btuh
Ventilation 0 cfm	0 Btuh
TOTAL HEAT LOSS	29742 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1856 sqft)

Load component	Load
Window total 211 sqft	10262 Btuh
Wall total 1185 sqft	2386 Btuh
Door total 60 sqft	588 Btuh
Ceiling total 1958 sqft	3243 Btuh
Floor total	0 Btuh
Infiltration 104 cfm	1934 Btuh
Internal gain	1380 Btuh
Duct gain	0 Btuh
Sens. Ventilation 0 cfm	0 Btuh
Total sensible gain	19792 Btuh
Latent gain(ducts)	0 Btuh
Latent gain(infiltration)	3798 Btuh
Latent gain(ventilation)	0 Btuh
Latent gain(internal/occupants/other)	1200 Btuh
Total latent gain	4998 Btuh
TOTAL HEAT GAIN	24791 Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *[Signature]*

DATE: 7-28-06

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

7/28/2006

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
2	2, Clear, Metal, 0.87	NW	30.0		32.2	966 Btuh
3	2, Clear, Metal, 0.87	W	20.0		32.2	644 Btuh
4	2, Clear, Metal, 0.87	NW	60.0		32.2	1931 Btuh
5	2, Clear, Metal, 0.87	NE	4.0		32.2	129 Btuh
6	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
7	2, Clear, Metal, 0.87	SE	13.3		32.2	428 Btuh
8	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
9	2, Clear, Metal, 0.87	SW	4.0		32.2	129 Btuh
Window Total			211(sqft)			6802 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1037		3.3	3405 Btuh
2	Frame - Wood - Adj(0.09)	13.0	148		3.3	486 Btuh
Wall Total			1185			3891 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		20		12.9	259 Btuh
Door Total			60			777Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1958		1.2	2307 Btuh
Ceiling Total			1958			2307Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	182.0 ft(p)		43.7	7946 Btuh
Floor Total			182			7946 Btuh
Zone Envelope Subtotal:						21723 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	14848	198.0		8019 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					29742 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

Class 3 Rating
Registration No. 0
Climate: North

7/28/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	29742 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	29742 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

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

7/28/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
2	2, Clear, Metal, 0.87	NW	30.0		32.2	966 Btuh
3	2, Clear, Metal, 0.87	W	20.0		32.2	644 Btuh
4	2, Clear, Metal, 0.87	NW	60.0		32.2	1931 Btuh
5	2, Clear, Metal, 0.87	NE	4.0		32.2	129 Btuh
6	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
7	2, Clear, Metal, 0.87	SE	13.3		32.2	428 Btuh
8	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
9	2, Clear, Metal, 0.87	SW	4.0		32.2	129 Btuh
Window Total			211(sqft)			6802 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1037		3.3	3405 Btuh
2	Frame - Wood - Adj(0.09)	13.0	148		3.3	486 Btuh
Wall Total			1185			3891 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		20		12.9	259 Btuh
Door Total			60			777Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic(D/Shin)	30.0	1958		1.2	2307 Btuh
Ceiling Total			1958			2307Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	182.0 ft(p)		43.7	7946 Btuh
Floor Total			182			7946 Btuh
Zone Envelope Subtotal:						21723 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	14848	198.0		8019 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					29742 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

Class 3 Rating
Registration No. 0
Climate: North

7/28/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	29742 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	29742 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

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

Class 3 Rating
Registration No. 0
Climate: North

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

7/28/2006

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	8ft.	5.5ft.	20.0	0.0	20.0	29	60	1201	Btuh	
2	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft.	30.0	0.0	30.0	29	60	1801	Btuh	
3	2, Clear, 0.87, None,N,N	W	8ft.	5.5ft.	20.0	20.0	0.0	29	80	579	Btuh	
4	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	60.0	0.0	60.0	29	60	3602	Btuh	
5	2, Clear, 0.87, None,N,N	NE	1.5ft.	1.5ft.	4.0	0.0	4.0	29	60	240	Btuh	
6	2, Clear, 0.87, None,N,N	SE	7ft.	5.5ft.	30.0	30.0	0.0	29	63	869	Btuh	
7	2, Clear, 0.87, None,N,N	SE	7ft.	7.33	13.3	13.3	0.0	29	63	385	Btuh	
8	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468	Btuh	
9	2, Clear, 0.87, None,N,N	SW	1.5ft.	1.5ft.	4.0	4.0	0.0	29	63	116	Btuh	
Window Total						211 (sqft)					10262 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load		
1	Frame - Wood - Ext	13.0/0.09			1036.7			2.1		2162 Btuh		
2	Frame - Wood - Adj	13.0/0.09			148.0			1.5		223 Btuh		
Wall Total						1185 (sqft)					2386 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				20.0			9.8		196 Btuh		
Door Total						60 (sqft)					588 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0			1958.0			1.7		3243 Btuh		
Ceiling Total						1958 (sqft)					3243 Btuh	
Floors	Type	R-Value			Size			HTM		Load		
1	Slab On Grade	0.0			182 (ft(p))			0.0		0 Btuh		
Floor Total						182.0 (sqft)					0 Btuh	
	Zone Envelope Subtotal:									16478 Btuh		
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load		
	SensibleNatural	0.42			14848			103.9		1934 Btuh		
Internal gain	Occupants			Btuh/occupant			Appliance		Load			
	6			X 230 +			0		1380 Btuh			
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh		
	Sensible Zone Load									19792 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

Class 3 Rating
Registration No. 0
Climate: North

7/28/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	19792 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	19792 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	19792 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3798 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	4998 Btuh
	TOTAL GAIN	24791 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

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

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.

7/28/2006

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	8ft.	5.5ft.	20.0	0.0	20.0	29	60	1201	Btuh
2	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft.	30.0	0.0	30.0	29	60	1801	Btuh
3	2, Clear, 0.87, None,N,N	W	8ft.	5.5ft.	20.0	20.0	0.0	29	80	579	Btuh
4	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	60.0	0.0	60.0	29	60	3602	Btuh
5	2, Clear, 0.87, None,N,N	NE	1.5ft.	1.5ft.	4.0	0.0	4.0	29	60	240	Btuh
6	2, Clear, 0.87, None,N,N	SE	7ft.	5.5ft.	30.0	30.0	0.0	29	63	869	Btuh
7	2, Clear, 0.87, None,N,N	SE	7ft.	7.33	13.3	13.3	0.0	29	63	385	Btuh
8	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468	Btuh
9	2, Clear, 0.87, None,N,N	SW	1.5ft.	1.5ft.	4.0	4.0	0.0	29	63	116	Btuh
Window Total					211 (sqft)					10262 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load	
1	Frame - Wood - Ext	13.0/0.09			1036.7			2.1		2162 Btuh	
2	Frame - Wood - Adj	13.0/0.09			148.0			1.5		223 Btuh	
Wall Total					1185 (sqft)					2386 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				20.0			9.8		196 Btuh	
Door Total					60 (sqft)					588 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle	30.0			1958.0			1.7		3243 Btuh	
Ceiling Total					1958 (sqft)					3243 Btuh	
Floors	Type	R-Value			Size			HTM		Load	
1	Slab On Grade	0.0			182 (ft(p))			0.0		0 Btuh	
Floor Total					182.0 (sqft)					0 Btuh	
	Zone Envelope Subtotal:									16478 Btuh	
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load	
	SensibleNatural	0.42			14848			103.9		1934 Btuh	
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	6			X 230 +			0		1380 Btuh		
Duct load	Unsealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									19792 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

Class 3 Rating
Registration No. 0
Climate: North

7/28/2006

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	19792 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	19792 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	19792 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3798 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	4998 Btuh
	TOTAL GAIN	24791 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

Goes Libronio & Taylor
Pine Forest Drive
, FL

Project Title:
607146GoesLibronio&Taylor

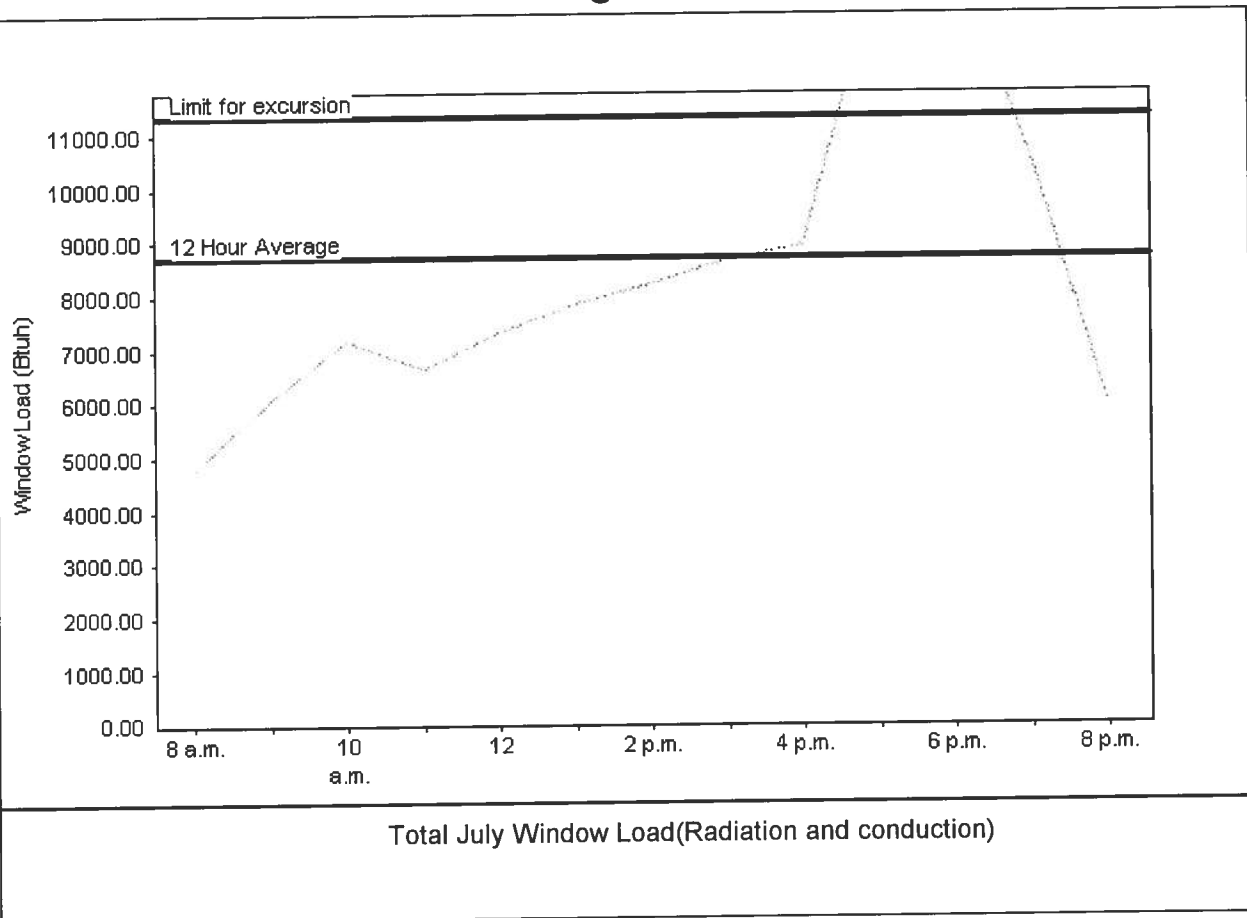
Class 3 Rating
Registration No. 0
Climate: North

7/28/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	8710 Btuh
Summer setpoint	75 F	Peak window load for July	14223 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	11323 Btu
Latitude	29 North	Window excursion (July)	2900 Btuh

WINDOW Average and Peak Loads



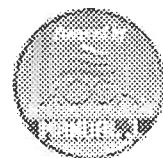
This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: *[Signature]*

DATE: *7-28-06*

EnergyGauge® FLR2PB v4.1



 Day
Edgley

**AAMA/NWWDA 101/L.S.2-97
TEST REPORT SUMMARY**

Rendered to:

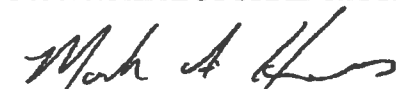
MI HOME PRODUCTS, INC.

**SERIES/MODEL: 650 Fin
TYPE: Aluminum Single Hung Window**

Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cfm/ft ²
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

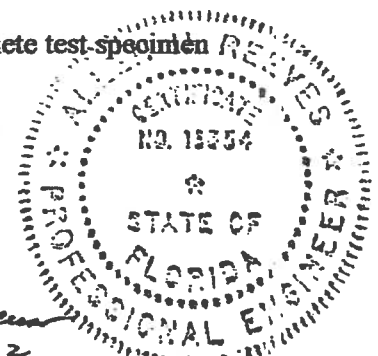
Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.



Mark A. Hess, Technician

MAH:nlb





Architectural Testing

AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC.
650 West Market Street
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No: 01-41134.01

Test Date: 03/07/02

Report Date: 03/26/02

Expiration Date: 03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

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

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

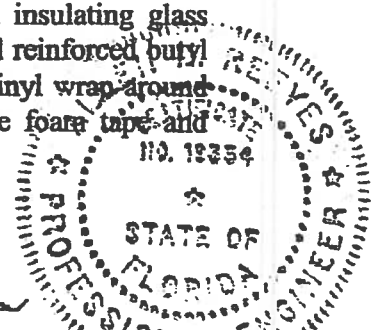
Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap around gasket. The fixed lite was interior glazed against double-sided adhesive foam tape and secured with PVC snap-in glazing beads.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

Allen M. Reun
1 000 000 000



Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1" screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

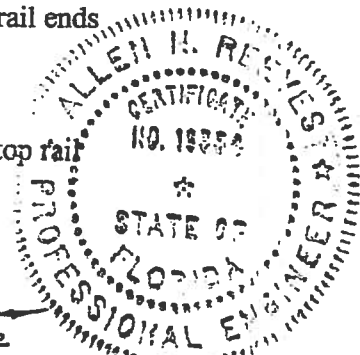
Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

Allen H. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft ²	0.3 cfm/ft ² max

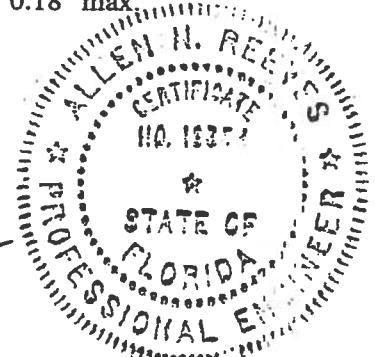
Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds) @ 25.9 psf (positive) @ 34.7 psf (negative)	0.42"* 0.43"*	0.26" max. 0.26" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
---------	---	----------------	--------------------------

Allen N. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

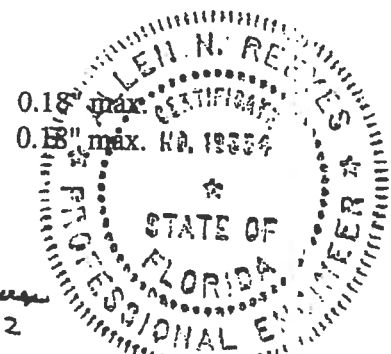
<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"*	0.26" max.
	@ 47.2 psf (negative)	0.46"*	0.26" max.

**Exceeds L/175 for deflection, but passes all other test requirements.*

Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)	
@ 67.5 psf (positive)	0.05"
@ 70.8 psf (negative)	0.05"



Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:

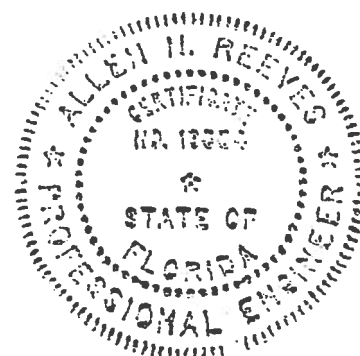


Mark A. Hess
Technician

MAH:nlb
01-41134.01



Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002



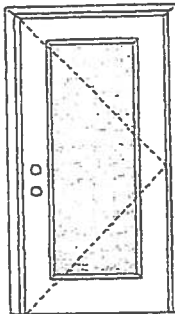
X

Glazed Inswing Unit

COP-WL-JH4141-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Single Door
Maximum unit size = 3'0" x 6'8"

Design Pressure
+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L Series*



107 Series*



109 Series



394 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

XX

Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12;
NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA201, PA202 and PA203.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood
Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior
cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH
MIAMI-DADE BCCO
PA201, PA202 & PA203

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged
exterior door unit conforms to the requirements of the 2001 Florida
Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L. Balhaz

State of Florida, Professional Engineer
Kurt Balhazor, P.E. - License Number 56533



Test Data Review Certificate #2026447A
and COP/Test Report Validation Matrix
#2026447A-001 provides additional
information - available from the ITSMNH
website (www.itsmnh.com), the
Masonite website (www.masonite.com)
or the Masonite technical center.

Johnson
EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product
detail subject to change without notice.

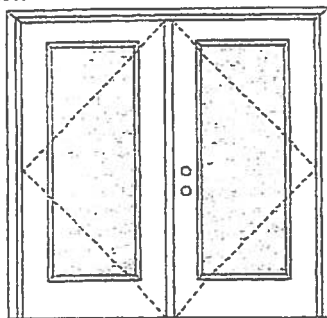


Exclusively from
Masonite
Masonite International Corporation

XX

Glazed Inswing Unit

COP-WL-JH4142-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:**

Double Door
Maximum unit size = 6'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITSAWH website (www.itsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0002-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



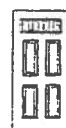
133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:

105 Series*



106, 160 Series*



129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



404 Series



410 Series



450 Series

FULL GLASS:



109 Series



114, 120, 122 Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

Warrick Hensley



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itscmko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson
EntrySystems

June 17, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

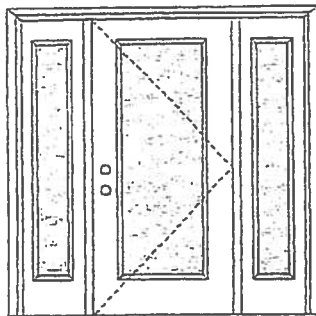


Exclusively from

Masonite International Corporation

OXO

Glazed Inswing Unit

COP-WL-JH4144-02**WOOD-EDGE STEEL DOORS****APPROVED ARRANGEMENT:**

Single Door with 2 Sidelites

Maximum unit size = 9'0" x 6'8"

Design Pressure

+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is **REQUIRED**.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

Wilmock Horsey



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITSA/WH website (www.elisemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0004-02 or MAD-WL-MA0007-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0004-02.

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:

105 Series*



106, 160 Series*



129 Series*



200 Series*



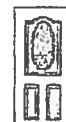
12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

1

Johnson
EntrySystems

June 17, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMIER Collection
Premium Quality Doors



Exclusively from

Masonite
Masonite International Corporation

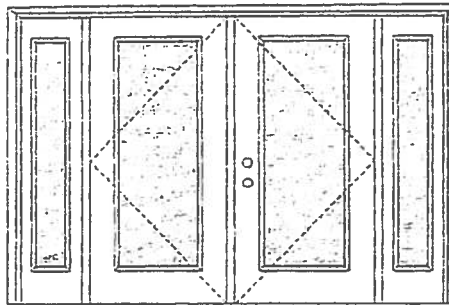
OXXO

Glazed Inswing Unit

COP-WL-JH4145-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Double Door with 2 Sidelites

Maximum unit size = 12'0" x 6'8"

Design Pressure

+40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

Warnock Hersey



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA0005-02.

APPROVED DOOR STYLES:

1/4 GLASS:



100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:



105 Series*



106, 160 Series*



129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L
Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

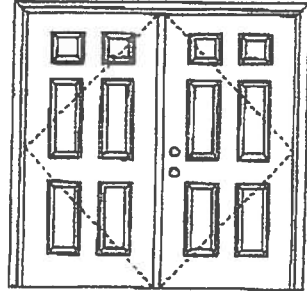
XX

Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Double Door
Minimum unit size = 6'0" x 6'8"

Design Pressure
+45.0/-45.0

Limit water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact resistance requirements for a specific building design and geographic location is determined by ASCE 7-national code or local building codes specify the edition required.



Test Data Review Certificate #3026447A and COP/TEST Report Validation Matrix #3026447A-001 provides additional information - available from the ITG/WH website (www.itgwh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0002-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0002-02.

APPROVED DOOR STYLES:



Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



15-panel



5-panel



5-panel with scroll



Eyebrow 5-panel



Eyebrow 5-panel with scroll

Johnson
EntrySystems

June 17, 2002
Our continuing program of product development meets applications, design and product needs subject to change without notice.

PREMO-OR (Masonite)
Premium Entry Doors



Masonite
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

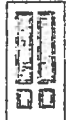
3/4 GLASS:



404 Series



410 Series



450 Series

FULL GLASS:



109 Series



114, 120, 122 Series



152 Series



149 Series



300 Series

APPROVED SIDELITE STYLES:



680 Series



129 Series



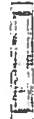
200 Series



12R, 12L, 23R,
23L, 24R, 24L
Series



450 Series



152 Series



149 Series



109 Series



120, 122 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab and sidelite panels glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balth

State of Florida, Professional Engineer
Kurt Balthazor, P.E. — License Number 56533

Warnock Hersey



Test Data Review Certificate #3026447A and CDP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson
EntrySystems

June 17, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from

Masonite
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:



404 Series



410 Series

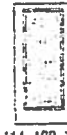


450 Series

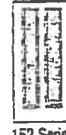
FULL GLASS:



109 Series



114, 120, 122
Series



152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533

Warnock Hersey



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.itssemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson™
EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMIER Collection
Premium Quality Doors



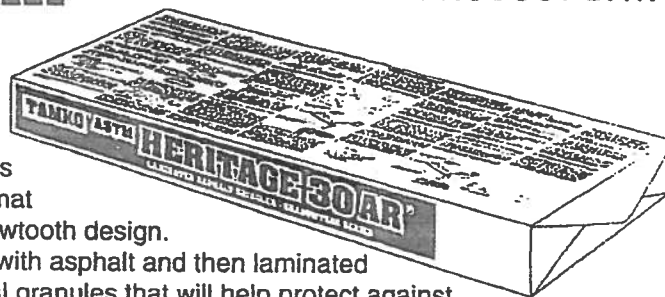
Exclusively from

Masonite®
Masonite International Corporation

ASTM HERITAGE 30 AR®

LAMINATED ASPHALT SHINGLES

PRODUCT DATA



Manufactured in Tuscaloosa, AL.

ASTM HERITAGE 30 AR® shingles feature a double-layer fiberglass mat construction with a random-cut sawtooth design.

The two layers of mat are coated with asphalt and then laminated together and surfaced with mineral granules that will help protect against discoloration caused by algae. A self-sealing strip of asphalt helps provide added wind resistance.

USES

For application to roof decks with inclines of not less than 2 inches per foot. For slopes between 2 inches and 4 inches per foot, refer to wrapper instructions.

ADVANTAGES

- 30 year limited warranty, 5 year FULL START, limited transferability, winds up to 70 MPH
- Affordable upgrade from 3-tab shingles
- Superior fire resistance compared to organic shingles
- Rustic beauty of wood shakes
- Shadowtone feature adds depth and dimensional appearance
- Algae resistant granules to protect against discoloration in areas where extreme humidity is a problem
- 10 year limited warranty against discoloration caused by certain algae growth

CERTIFICATIONS

UL Class A Fire Rating
UL Wind Resistant

ASTM D 3018, Type I

ASTM E 108, Class A

Fed. Spec.: Exceeds SS-S-001534,
Class A, Type I

ASTM D 3161 Type I (modified to 110 mph)

ASTM D 3462

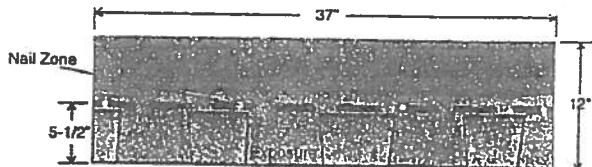
COLORS

Classic Heritage Colors:

- Weathered Wood
- Rustic Cedar
- Rustic Hickory
- Driftwood
- Oxford Grey
- Shadow Grey
- Desert Sand
- Rustic Black
- Olde English Pewter
- Glacier White
- Rustic Evergreen

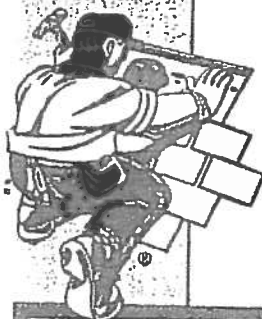
PRODUCT DATA*

Shingle size	12" X 37"
Exposure	5"
Shingles per square	78
Bundles per square	3



*All values stated as nominal

CAUTION: The National Institute for Occupational Safety and Health (NIOSH) has concluded that fumes of heated asphalt are a potential occupational carcinogen. Do not heat or burn this product.



TAMKO
ROOFING PRODUCTS

TAMKO® is a registered trademark of
TAMKO Roofing Products, Inc.

Visit our Web Site at www.tamko.com

01/2002

Central District	220 West 4th St., Joplin, MO	64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD	21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL	35401	800-228-2656
Southwest District	7910 S. Central Exp., Dallas, TX	75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO	80216	800-530-8868

TABLE 1

[illegible]

TABLE 5

Section	Panel Type	Max Design Loads	
		Positive (PSF)	Negative (PSF)
16.6' x 22.4' Long	Long	23.9	27.1
16.2' x 17.6' Long	Long	23.9	26.8
18.4' x 17.6' Long	Long	23.7	26.8
18.6' x 18.0' Long	Long	23.4	26.6
18.6' x 18.0' Long	Long	23.4	26.6
18.6' x 18.0' Long	Long	23.2	26.3
18.6' x 18.0' Long	Long	23.0	26.1
17.0' x 22.4' Long	Long	22.7	25.8
17.2' x 22.4' Long	Long	22.4	25.5
17.4' x 22.2' Long	Long	22.2	25.1
17.6' x 21.9' Long	Long	21.9	24.8
17.6' x 21.9' Long	Long	21.9	24.8
17.6' x 21.9' Long	Long	21.7	24.6
17.10' x 21.7' Long	Long	21.7	24.6
18.0' x 21.5' Long	Long	21.5	24.4

TABLE 2

DOOR	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
HEIGHT								
14'0"	21"	21"	21"	21"	21"	21"	21"	21"
13'6"	21"	21"	21"	21"	21"	18"	18"	21"
13'0"	21"	21"	21"	18"	18"	18"	18"	21"
12'6"	21"	18"	18"	18"	18"	18"	18"	21"
12'0"	21"	21"	21"	21"	18"	21"		
11'6"	21"	21"	21"	18"	18"	18"	21"	
11'0"	18"	18"	18"	18"	18"	18"	21"	
10'6"	21"	21"	21"	21"	21"	21"		
10'0"	21"	21"	21"	18"	18"	21"		
9'6"	21"	18"	18"	18"	18"	21"		
9'0"	18"	18"	18"	18"	18"	18"		
8'6"	21"	21"	21"	18"	21"			
8'0"	21"	18"	18"	18"	21"			
7'6"	18"	18"	18"	18"	18"			
7'0"	21"	21"	21"	21"				
6'6"	21"	18"	18"	21"				

TABLE 3

Section	Panel Type	Center Stile Locations (Measured from Left Edge)				
		1st (in)	2nd (in)	3rd (in)	4th (in)	5th (in)
16" 2.1	Short	50.272	73.654	97.000	1420.364	1543.728
16" 2	Long	51.166	74.084	97.000	119.971	142.834
16" 4.4	Stilt Short	51.272	74.636	98.000	1321.364	1442.728
16" 4	Long	52.166	75.084	98.000	120.971	143.834
16" 6.8	Short	52.272	75.636	99.000	122.964	145.828
16" 8	Long	51.340	75.170	98.000	122.830	146.660
16" 8	Short	51.340	75.670	100.000	124.330	146.660
16" 8	Long	52.200	76.100	100.000	123.900	147.800
16" 10	Short	51.600	76.280	101.000	125.750	150.500
16" 10	Long	53.240	77.100	101.000	124.800	146.800
17" 0	Short	53.340	77.670	102.000	128.630	150.660
17" 0	Long	54.200	78.100	102.000	125.900	149.800
17" 2	Short	53.600	78.000	103.000	128.000	153.000
17" 2	Long	55.200	78.100	103.000	128.800	150.800
17" 4	Short	54.000	79.000	104.000	128.000	154.000
17" 4	Long	56.200	80.100	104.000	127.900	151.800
17" 6.1	Short	55.000	80.000	105.000	130.000	155.000
17" 6	Long	57.200	81.100	105.000	128.900	152.800
17" 8	Short	54.800	80.400	106.000	131.600	156.200
17" 8	Long	55.800	80.800	106.000	131.100	154.200
17" 10	Short	55.800	81.600	107.000	132.600	157.750
18" 0	Long	56.250	81.625	107.000	132.375	157.750
18" 0	Short	57.250	82.625	108.000	133.375	158.750
18" 0	Long	57.800	82.800	108.000	133.100	158.200

TABLE 4

DOOR HEIGHT	TRACK ATTACHMENT								SPUCE S
	A	B	C	D	E	F	G	H	
1' 6" 6"	10"	21"	29"	37"	45"	53"	61"	69"	70"
7"	10"	21"	42"	63"					76"
7' 6"	10"	18"	36"	54"	72"				82"
8"	10"	21"	39"	57"	75"				88"
8' 6"	10"	21"	42"	63"	81"				94"
9"	10"	18"	36"	54"	72"	90"			100"
9' 6"	10"	21"	39"	57"	75"	93"			106"
10"	10"	21"	42"	63"	81"	99"			112"
10' 6"	10"	21"	42"	63"	84"	105"			118"
11"	10"	21"	39"	57"	75"	93"	111"		124"
11' 6"	10"	21"	42"	63"	81"	99"	117"		130"
12"	10"	21"	42"	63"	84"	105"	123"		136"
12' 6"	10"	21"	39"	57"	75"	93"	111"	129"	142"
13"	10"	21"	42"	63"	81"	99"	117"	135"	148"
13' 6"	10"	21"	42"	63"	84"	105"	123"	141"	154"
14"	10"	21"	42"	63"	84"	105"	126"	147"	160"

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

25073

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. 38100576 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Suburban Towne Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 292 SW Pine Street, Unit 101, Lake City, FL 32055

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 12 Type of Fill Asst

Section 4: Treatment Information

Date(s) of Treatment(s) 11-20-06
Brand Name of Product(s) Used Termidor
EPA Registration No. 57663-92
Approximate Final Mix Solution % 1.25%
Approximate Size of Treatment Area: Sq. ft. 7749 Linear ft. 205 Linear ft. of Masonry Voids 400
Approximate Total Gallons of Solution Applied 455
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☐ Yes ☒ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments Treated Asst. Wall, 101 Pine St.

Name of Applicator(s) Steve Brown Certification No. (if required by State law) _____

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature _____ Date 11-20-06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

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 09-4S-16-02829-058

Building permit No. 000025073

Use Classification SFD, UTILITY

Fire: 27.90

Permit Holder DOUG EDGLEY

Waste: 83.75

Owner of Building LIBRONIO & TAYLOR GOES

Total: 111.65

Location: 292 SW PINE FOREST COURT, LAKE CITY, FL

Date: 05/17/2007



[Signature]

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)