

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0605-57 Date Received 5/16/06 By G Permit # 1093/24571
 Application Approved by - Zoning Official BLK Date 26.05.06 Plans Examiner DAJTH Date 5-22-06
 Flood Zone X plot Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Density
 Comments MFE of 107.5' Required by Plot Elevation letter Required

Applicants Name Hugo Escalante Phone 386-288-8666
 Address P.O. BOX 280, Fort White FL 32038
 Owners Name J R Samuel Development Inc Phone 314-960-4321
 911 Address 137 S.W. Poppy Glen
 Contractors Name Hugo Escalante Phone 386-288-8666
 Address P.O. BOX 280, Fort White, FL 32038
 Fee Simple Owner Name & Address None
 Bonding Co. Name & Address None
 Architect/Engineer Name & Address Daniel Shaheen Lake City, FL 32038
 Mortgage Lenders Name & Address None

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 15-45-16-03033-531 Estimated Cost of Construction \$140,000.00
 Subdivision Name Rolling Meadows Lot 31 Block Unit Phase
 Driving Directions 90W, TL on 247 South, TL on Callahan, TL on Morning Glory
TR on Buttercup Drive, TL on Poppy Glen, 2nd on Left.

Type of Construction New SFD Number of Existing Dwellings on Property 1
 Total Acreage 1/2 Lot Size .5 Acre Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 65' Side 20' Side 20' Rear 50'
 Total Building Height 18'-0" Number of Stories 1 Heated Floor Area 1718 Sq Ft Roof Pitch 6-12
Porch 92 GARAGE 486 TOTAL 2,296

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) Hugo Escalante

Contractor Signature Hugo Escalante

Contractors License Number CRC1326967

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 15th day of MAY 20 06

Personally known ✓ or Produced Identification

Notary Signature Hugo Escalante

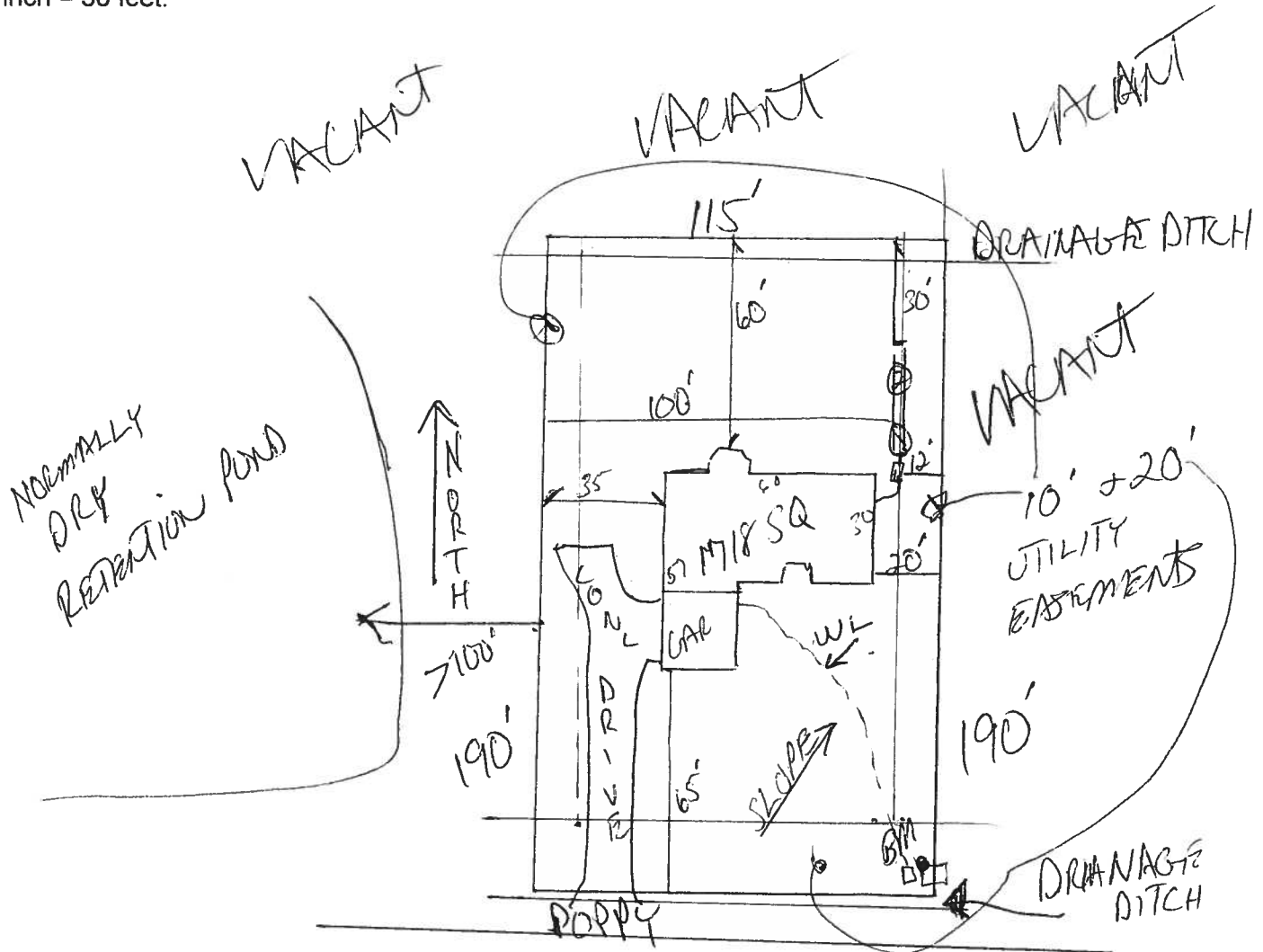


STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-04381

----- PART II - SITEPLAN -----

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D 7-0 MASTER CONTRACTOR
Plan Approved ☒ Not Approved _____ Date 5/8/06
By Mr. 21 County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Columbia County Property Appraiser

DB Last Updated: 5/5/2006

Parcel: 15-4S-16-03023-531

2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Owner's Name	JR SAMUEL DEVELOPMENT INC
Site Address	POPPY
Mailing Address	PO BOX 160 FT. WHITE, FL 32038
Description	LOT 31 ROLLING MEADOWS S/D. SWD 1062-2420. QCD 1077-820.

<< Prev

Search Result: 2 of 4

Next >>

Use Desc. (code)	VACANT (000000)
Neighborhood	15416.00
Tax District	3
UD Codes	MKTA06
Market Area	06
Total Land Area	0.500 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$34,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$34,000.00

Just Value	\$34,000.00
Class Value	\$0.00
Assessed Value	\$34,000.00
Exempt Value	\$0.00
Total Taxable Value	\$34,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/13/2006	1077/820	QC	V	U	01	\$100.00
10/21/2005	1062/2420	WD	V	U	08	\$76,100.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.500AC)	1.00/1.00/1.00/1.00	\$34,000.00	\$34,000.00

Columbia County Property Appraiser

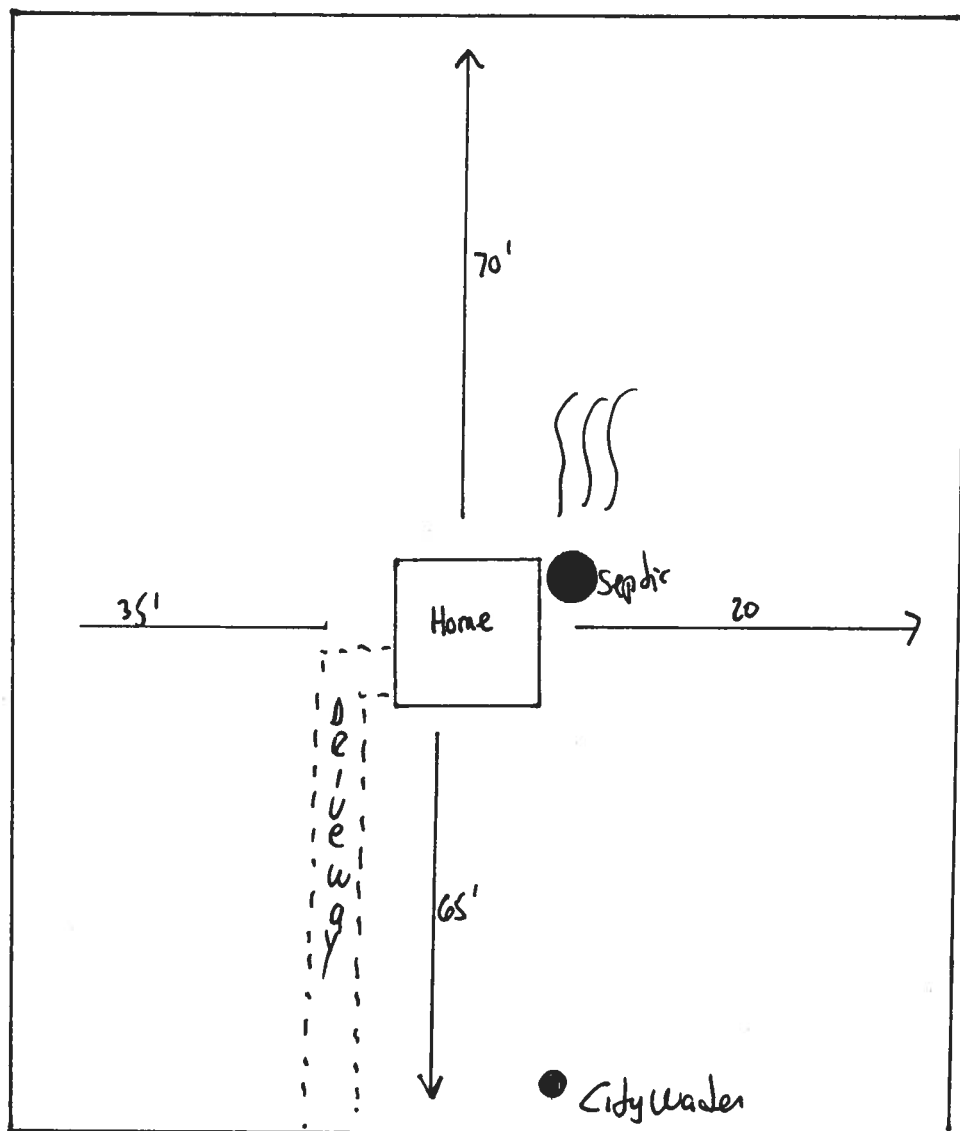
DB Last Updated: 5/5/2006

<< Prev

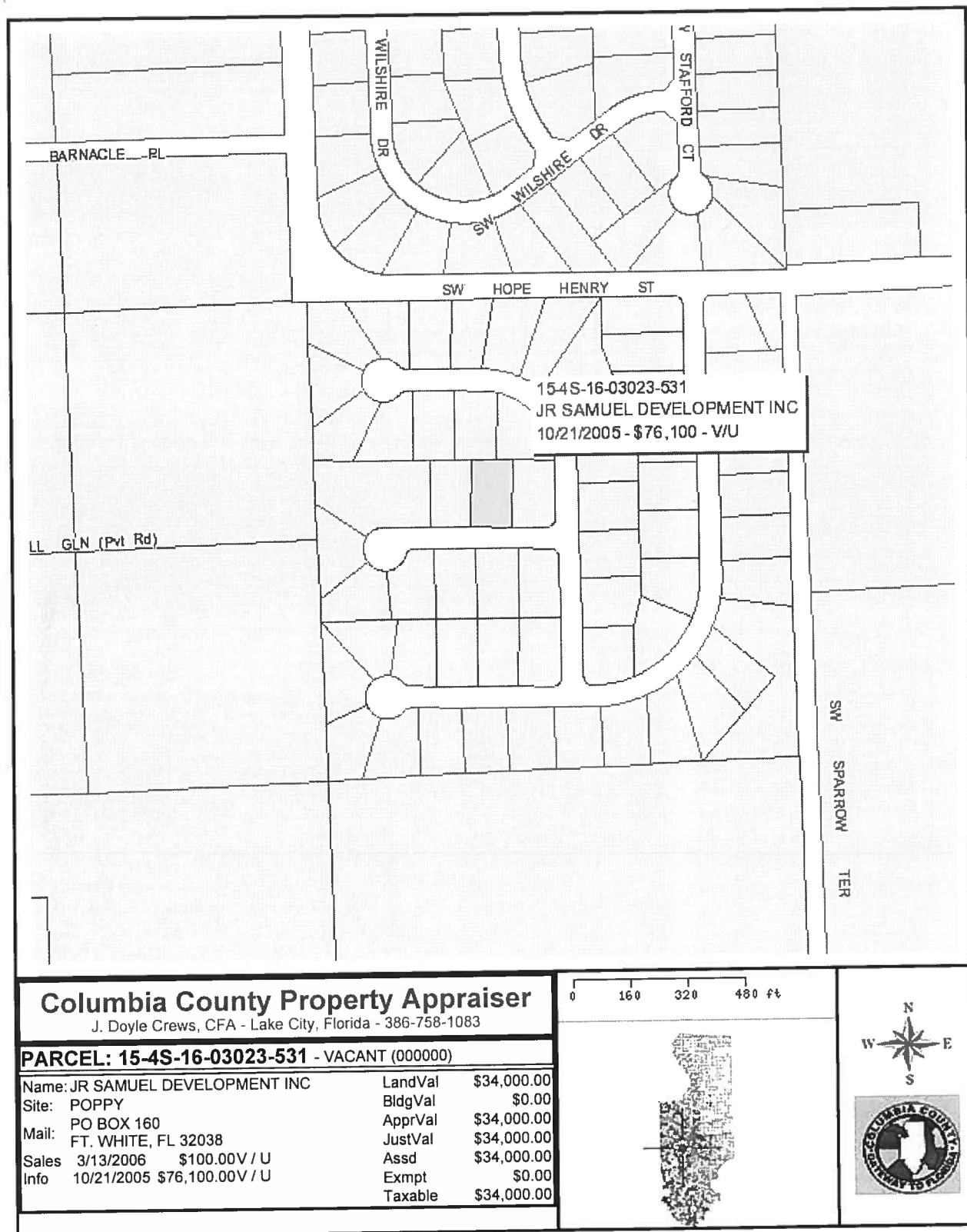
2 of 4

Next >>

Lot 31 Rolling Meadows
Parcel # 15-48-16-03023-531
911 Address: 137 S.W. Poppy Glen



SW Poppy Glen



This information, GIS Map Updated: 5/5/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, its use, or its interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

03023-531

Project Name: **THE NICOLAS +**
Address: **Lot: 31, Sub: Rolling Meadows, Plat:**
City, State: **Lake City, FL 32038-**
Owner: **EWPL INC**
Climate Zone: **North**

Builder: **EWPL INC**
Permitting Office: **COLUMBIA**
Permit Number: **24571**
Jurisdiction Number: **221000**

1. New construction or existing New ☐
2. Single family or multi-family Single family ☐
3. Number of units, if multi-family 1 ☐
4. Number of Bedrooms 3 ☐
5. Is this a worst case? No ☐
6. Conditioned floor area (ft²) 1718 ft² ☐
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)
 - a. U-factor: Description Area
(or Single or Double DEFAULT) 7a. (Dble Default) 284.0 ft² ☐
 - b. SHGC:
(or Clear or Tint DEFAULT) 7b. (Clear) 284.0 ft² ☐
8. Floor types
 - a. Slab-On-Grade Edge Insulation R=0.0, 194.0(p) ft ☐
 - b. N/A ☐
 - c. N/A ☐
9. Wall types
 - a. Frame, Wood, Adjacent R=13.0, 197.0 ft² ☐
 - b. Frame, Wood, Exterior R=13.0, 1554.0 ft² ☐
 - c. N/A ☐
 - d. N/A ☐
 - e. N/A ☐
10. Ceiling types
 - a. Under Attic R=30.0, 1718.0 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
11. Ducts
 - a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 115.0 ft ☐
 - b. N/A ☐

12. Cooling systems
 - a. Central Unit Cap: 30.0 kBtu/hr
SEER: 13.00 ☐
 - b. N/A ☐
 - c. N/A ☐
13. Heating systems
 - a. Electric Heat Pump Cap: 30.0 kBtu/hr
HSPF: 6.80 ☐
 - b. N/A ☐
 - c. N/A ☐
14. Hot water systems
 - a. Electric Resistance Cap: 50.0 gallons
EF: 0.92 ☐
 - b. N/A ☐
 - c. Conservation credits
(HR-Heat recovery, Solar
DHP-Dedicated heat pump) ☐
15. HVAC credits
(CF-Ceiling fan, CV-Cross ventilation,
HF-Whole house fan,
PT-Programmable Thermostat,
MZ-C-Multizone cooling,
MZ-H-Multizone heating) ☐

Glass/Floor Area: 0.20

Total as-built points: 26838

Total base points: 27182

PASS

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

PREPARED BY: 

DATE: 5-16-06

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: Lot: 31, Sub: Rolling Meadows, Plat: , Lake City, FL, 32038-

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	1718.0	20.04	6197.2	Double, Clear	N	1.5	7.5	42.0	19.20	0.96	775.4
				Double, Clear	N	9.0	10.0	13.3	19.20	0.73	186.0
				Double, Clear	N	9.0	4.0	9.3	19.20	0.61	109.9
				Double, Clear	N	1.5	5.5	17.5	19.20	0.93	311.9
				Double, Clear	E	1.5	5.5	30.0	42.06	0.90	1131.0
				Double, Clear	S	1.5	5.5	17.5	35.87	0.83	522.3
				Double, Clear	S	1.5	6.5	72.0	35.87	0.88	2264.3
				Double, Clear	SW	1.5	6.5	16.0	40.16	0.90	580.7
				Double, Clear	S	1.5	6.5	36.0	35.87	0.88	1132.2
				Double, Clear	SE	1.5	6.5	16.0	42.75	0.90	617.2
				Double, Clear	W	1.5	6.5	16.0	38.52	0.93	571.5
				Double, Clear	S	1.5	5.5	30.0	35.87	0.83	895.4
				Double, Clear	W	1.5	5.5	20.0	38.52	0.90	691.0
				Double, Clear	W	1.5	5.0	16.0	38.52	0.88	539.7
				As-Built Total:				351.7		10328.4	
WALL TYPES		Area X BSPM = Points		Type		R-Value		Area X SPM		= Points	
Adjacent	197.0	0.70	137.9	Frame, Wood, Adjacent		13.0		197.0	0.60	118.2	
Exterior	1554.0	1.70	2641.8	Frame, Wood, Exterior		13.0		1554.0	1.50	2331.0	
Base Total:		1751.0	2779.7	As-Built Total:				1751.0		2449.2	
DOOR TYPES		Area X BSPM = Points		Type				Area X SPM		= Points	
Adjacent	20.0	2.40	48.0	Exterior Wood				40.0	6.10	244.0	
Exterior	40.0	6.10	244.0	Adjacent Wood				20.0	2.40	48.0	
Base Total:		60.0	292.0	As-Built Total:				60.0		292.0	
CEILING TYPES		Area X BSPM = Points		Type		R-Value		Area X SPM X SCM		= Points	
Under Attic	1718.0	1.73	2972.1	Under Attic		30.0		1718.0	1.73 X 1.00	2972.1	
Base Total:		1718.0	2972.1	As-Built Total:				1718.0		2972.1	
FLOOR TYPES		Area X BSPM = Points		Type		R-Value		Area X SPM		= Points	
Slab	194.0(p)	-37.0	-7178.0	Slab-On-Grade Edge Insulation		0.0		194.0(p)	-41.20	-7992.8	
Raised	0.0	0.00	0.0								
Base Total:		-7178.0		As-Built Total:				194.0		-7992.8	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 31, Sub: Rolling Meadows, Plat: , Lake City, FL, 32038-

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
1718.0 10.21 17540.8				1718.0 10.21 17540.8			
Summer Base Points: 22603.8				Summer As-Built Points: 25589.7			
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
22603.8 0.4266 9642.8				<small>(sys 1: Central Unit 30000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)</small> 25590 1.00 (1.09 x 1.147 x 0.91) 0.263 1.000 7643.5 25589.7 1.00 1.138 0.263 1.000 7643.5			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 31, Sub: Rolling Meadows, Plat: , Lake City, FL, 32038-

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	1718.0	12.74	3939.7	Double, Clear	N	1.5	7.5	42.0	24.58	1.00	1033.5
				Double, Clear	N	9.0	10.0	13.3	24.58	1.02	333.3
				Double, Clear	N	9.0	4.0	9.3	24.58	1.03	235.3
				Double, Clear	N	1.5	5.5	17.5	24.58	1.00	431.4
				Double, Clear	E	1.5	5.5	30.0	18.79	1.04	587.1
				Double, Clear	S	1.5	5.5	17.5	13.30	1.15	266.9
				Double, Clear	S	1.5	6.5	72.0	13.30	1.09	1047.5
				Double, Clear	SW	1.5	6.5	16.0	16.74	1.05	281.3
				Double, Clear	S	1.5	6.5	36.0	13.30	1.09	523.7
				Double, Clear	SE	1.5	6.5	16.0	14.71	1.08	254.5
				Double, Clear	W	1.5	6.5	16.0	20.73	1.02	338.2
				Double, Clear	S	1.5	5.5	30.0	13.30	1.15	457.6
				Double, Clear	W	1.5	5.5	20.0	20.73	1.03	426.2
				Double, Clear	W	1.5	5.0	16.0	20.73	1.03	343.2
				As-Built Total: 351.7 6559.7							
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	197.0	3.60	709.2	Frame, Wood, Adjacent			13.0	197.0	3.30		650.1
Exterior	1554.0	3.70	5749.8	Frame, Wood, Exterior			13.0	1554.0	3.40		5283.6
Base Total: 1751.0 6459.0				As-Built Total: 1751.0 5933.7							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	20.0	11.50	230.0	Exterior Wood				40.0	12.30		492.0
Exterior	40.0	12.30	492.0	Adjacent Wood				20.0	11.50		230.0
Base Total: 60.0 722.0				As-Built Total: 60.0 722.0							
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	1718.0	2.05	3521.9	Under Attic			30.0	1718.0	2.05 X 1.00		3521.9
Base Total: 1718.0 3521.9				As-Built Total: 1718.0 3521.9							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	194.0(p)	8.9	1726.6	Slab-On-Grade Edge Insulation			0.0	194.0(p)	18.80		3647.2
Raised	0.0	0.00	0.0								
Base Total: 1726.6				As-Built Total: 194.0 3647.2							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 31, Sub: Rolling Meadows, Plat: , Lake City, FL, 32038-

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
1718.0 -0.59 -1013.6				1718.0 -0.59 -1013.6			
Winter Base Points: 15355.6				Winter As-Built Points: 19370.9			
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
15355.6 0.6274 9634.1				(sys 1: Electric Heat Pump 30000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Int(AH),R6.0 19370.9 1.000 (1.069 x 1.169 x 0.93) 0.501 1.000 11289.4 19370.9 1.00 1.162 0.501 1.000 11289.4			

Residential Whole Building Performance Method A - Details

PERMIT #:

CODE COMPLIANCE STATUS											
BASE						AS-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points
9643		9634		7905	27182	7643		11289		7905	26838

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 31, Sub: Rolling Meadows, Plat: , Lake City, FL, 32038-

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* = 83.1

The higher the score, the more efficient the home.

EWPL INC, Lot: 31, Sub: Rolling Meadows, Plat: , Lake City, FL, 32038-

1. New construction or existing	New	—	12. Cooling systems	
2. Single family or multi-family	Single family	—	a. Central Unit	Cap: 30.0 kBtu/hr — SEER: 13.00 —
3. Number of units, if multi-family	1	—	b. N/A	—
4. Number of Bedrooms	3	—	c. N/A	—
5. Is this a worst case?	No	—		—
6. Conditioned floor area (ft ²)	1718 ft ²	—	13. Heating systems	Cap: 30.0 kBtu/hr — HSPF: 6.80 —
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)			a. Electric Heat Pump	—
a. U-factor:	Description Area		b. N/A	—
(or Single or Double DEFAULT)	7a. (Dble Default) 284.0 ft ²	—	c. N/A	—
b. SHGC:			14. Hot water systems	Cap: 50.0 gallons — EF: 0.92 —
(or Clear or Tint DEFAULT)	7b. (Clear) 284.0 ft ²	—	a. Electric Resistance	—
8. Floor types			b. N/A	—
a. Slab-On-Grade Edge Insulation	R=0.0, 194.0(p) ft	—	c. Conservation credits	—
b. N/A		—	(HR-Heat recovery, Solar	
c. N/A		—	DHP-Dedicated heat pump)	
9. Wall types			15. HVAC credits	—
a. Frame, Wood, Adjacent	R=13.0, 197.0 ft ²	—	(CF-Ceiling fan, CV-Cross ventilation,	
b. Frame, Wood, Exterior	R=13.0, 1554.0 ft ²	—	HF-Whole house fan,	
c. N/A		—	PT-Programmable Thermostat,	
d. N/A		—	MZ-C-Multizone cooling,	
e. N/A		—	MZ-H-Multizone heating)	
10. Ceiling types				
a. Under Attic	R=30.0, 1718.0 ft ²	—		
b. N/A		—		
c. N/A		—		
11. Ducts				
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 115.0 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 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: FLRCSB v4.0)



Donald F. Lee & Associates, Inc.
Surveyors & Engineers

140 NW Ridgewood Avenue
Lake City, Florida 32055
(386) 755-6166
Fax (386) 755-6167
donald@dlfa.com

*Permit
94571*

Tuesday, June 27, 2006

FROM: Tim Delbene, P.L.S.

TO: Columbia County Building & Zoning Dept.

CC: EWPL, Inc. (Hugo Escalante)

RE: Foundation Elevation Check – Lot 31, Rolling Meadows subdivision

We have obtained elevations on a foundation under construction on the above referenced lot. The elevations are based on NGS Datum. The results are as follows:

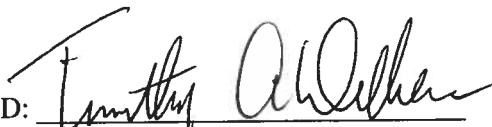
Floor Elevation (at Stemwall): 107.54'

Highest Adjacent Grade (HAG): 105.78'

Lowest Adjacent Grade (LAG): 105.21'

The record subdivision plat for Rolling Meadows indicates a minimum floor elevation of 107.50' for the subject lot 31.

SIGNED:


Timothy A. Delbene, P.L.S.
Florida Reg. Cert. No. 5594

DATE: 6/27 2006.

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001093

DATE 05/30/2006 PARCEL ID # 15-4S-16-03023-531

APPLICANT HUGO ESCALANTE PHONE 288-8666

ADDRESS P.O. BOX 280 FT. WHITE FL 32038

OWNER JR SAMUEL DEVELOPMENT PHONE 314 960-4321

ADDRESS 137 SW POPPY GLEN LAKE CITY FL 32055 YAN Z

CONTRACTOR HUGO ESCALANTE PHONE 288-8666

LOCATION OF PROPERTY 90W, TL ON 247S, TL ON CALLAHAN, TL ON MORNING GLORY, TR ON

BUTTERCUP, TL ON POPPY GLEN, 2ND ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT ROLLING MEADOWS 31

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



Notice of Treatment

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

Address: 536 SE Palm Ave
City: Lake City **Phone:** 752 1703

Site Location: Subdivision Rolling Meadows
Lot # **Block#** **Permit #** 24571
Address 137 S. Poppy St

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
<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

<u>Area Treated</u>	<u>Square feet</u>	<u>Linear feet</u>	<u>Gallons Applied</u>
<u>Door Hinge</u>	<u> </u>	<u> </u>	<u>4</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </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 _____.

8/14/06 1500 Guany
Date **Time** **Print Technician's Name**

Remarks: _____

Applicator - White **Permit File - Canary** **Permit Holder - Pink**

Fax (814) 725-4620

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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 15-45-16-03023-531

1. Description of property: (legal description of the property and street address or 911 address)
Lot 31 Rolling Meadows S/D SWD 1062-2420 QCD 1077-820
911 Address: 137 S.W. Poppy Glen, Lake City, FL
2. General description of improvement: New Single Family Dwelling
3. Owner Name & Address JR Samuel Development Inc. P.O. Box 160, Fort White, FL
Interest In Property 100%
4. Name & Address of Fee Simple Owner (if other than owner): None
5. Contractor Name Hugo Escalante (EWPL, Inc.) Phone Number 386-288-8666
Address P.O. Box 280, Fort White, FL
6. Surety Holders Name None Phone Number _____
Address None
Amount of Bond None
7. Lender Name None Phone Number _____
Address None
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 Hugo Escalante Phone Number 386-288-8666
Address P.O. Box 280, Fort White, FL 32038
9. In addition to himself/herself the owner designates Hugo Escalante of Fort White, FL to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) - (a) 7. Phone Number of the designee 386-288-8666
10. Expiration date of the Notice of Commencement (Unless a different date is specified) _____
Inst: 2006048277 Date: 08/02/2006 Time: 10:45
J. A. DC, P. Dewitt Cason, Columbia County B: 1051 P: 1365

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and...

Signature of Owner

Ronald R. Bratigan
PresidentJR Samuel DevelopmentSworn to (or affirmed) and subscribed before
day of June, 2006

NOTARY STAMP/SEAL

TAMMY STANLEY

Notary Public - Notary Seal

STATE OF MISSOURI

St. Louis County

My Commission Expires: Aug. 3, 2007

Signature of Notary

24571

COLUMBIA COUNTY
OFF

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 15-4S-16-03023-531

Building permit No. 000024571

Use Classification SFD, UTILITY

Fire: 50.22

Permit Holder HUGO ESCALANTE

Waste: 150.75

Owner of Building JR SAMUEL DEVELOPMENT

Total: 200.97

Location: 137 SW POPPY GLEN

Date: 01/18/2007

John Kence

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

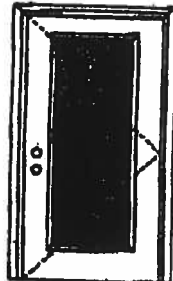


X
Glazed Inswing Unit

COP WL EN4141-02

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 5'0" x 6'8".



This Data Review Certificate #20284470 and COPWL-Asset Validation (MAD-20284470-001) provide additional information - Available upon request via website: www.masonite.com, the Masonite website (www.masonite.com) or the Masonite technical center.

Single Door
Maximum Unit Size = 5'0" x 6'8"

Design Pressure
+50.5/-60.5

(Limited water pressure 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 action 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



100, 100 Series



100 Series



100 Series



100 Series

1/2 GLASS:



100 Series*



100, 100 Series*



100 Series*



100 Series*



12 PL, 20 PL, 24 PL Series*



100 Series*



100 Series



100 Series

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

Entergy
Entry Systems

June 17, 2003

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



Exclusively from

Masonite
Masonite International Corporation

X

Glazed Inswing Unit

COP WL F04141-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

404 Series



410 Series



460 Series

FULL GLASS:

100 Series

114, 180, 182
Series

152 Series



140 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top and rails constructed of 0.032" steel. Bottom end rails constructed of 0.032" 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 Baithazor, P.E. - License Number 58533



This Data Review Certificate #0029447C and COP/Prod Report Validation Mark #0029447C-001 provides additional information - available from the IT&WH website (www.masonite.com) the Masonite website (www.masonite.com) or the Masonite technical cards.

Entergy
Entry Systems

June 17, 2002

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



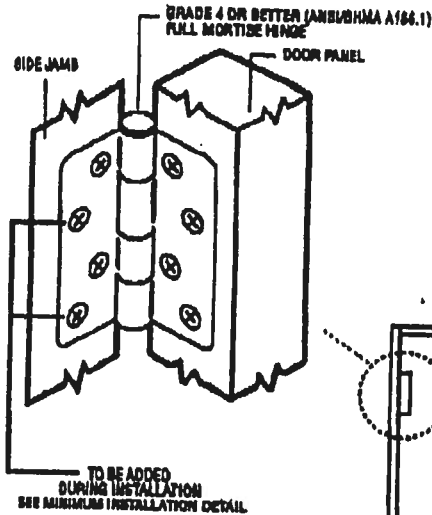
Exclusively from
Masonite
Masonite International Corporation

X
Unit

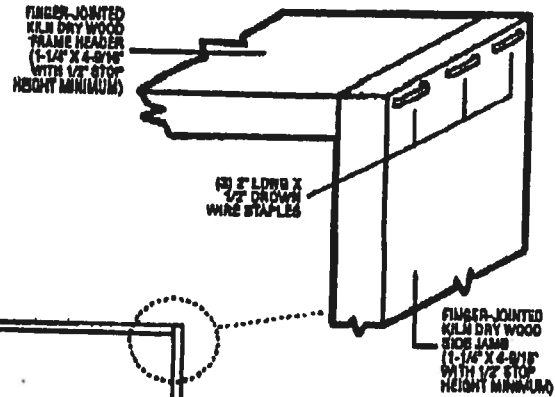
WAD-WI-MA0001-02

INSWING UNIT WITH SINGLE DOOR

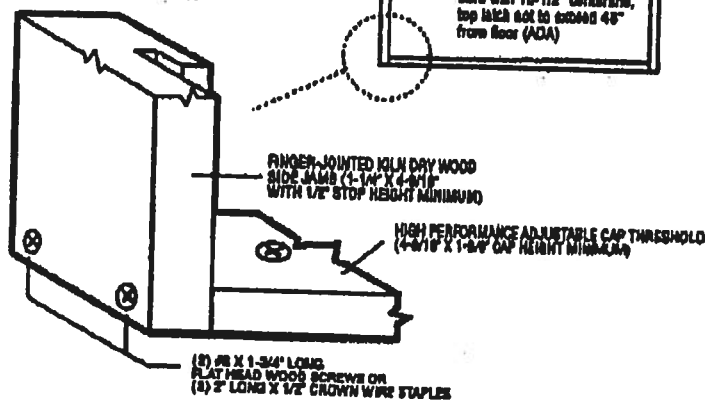
TYPICAL HINGE ATTACHMENT



TYPICAL HEADER & SIDE JAMB ATTACHMENT



TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



Labeling Requirements

- 6'6" Unit
 - Compliance requires double bore with 8-1/2" centerline, top latch not to exceed 48" from floor (ADA)
- 8'0" Unit
 - Compliance requires double bore with 10-1/2" centerline, top latch not to exceed 48" from floor (ADA)

Watershed Survey

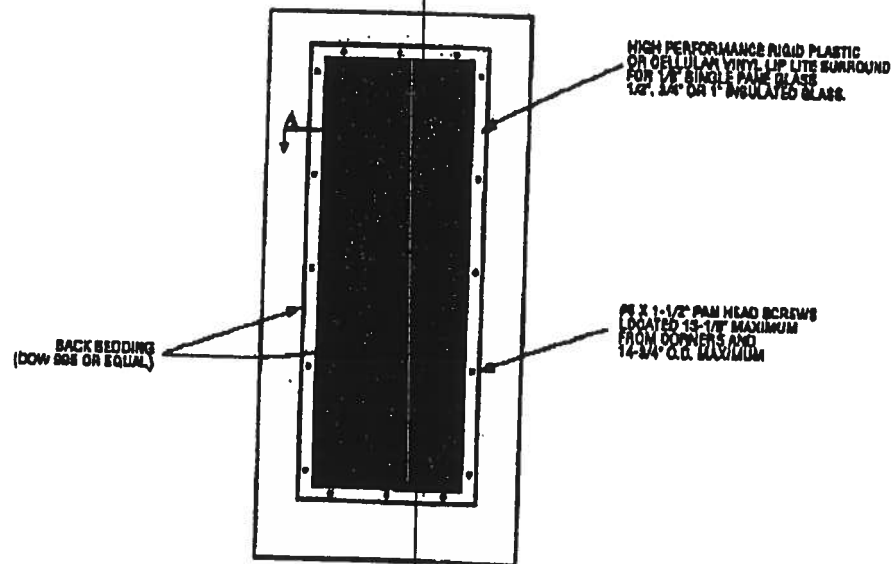
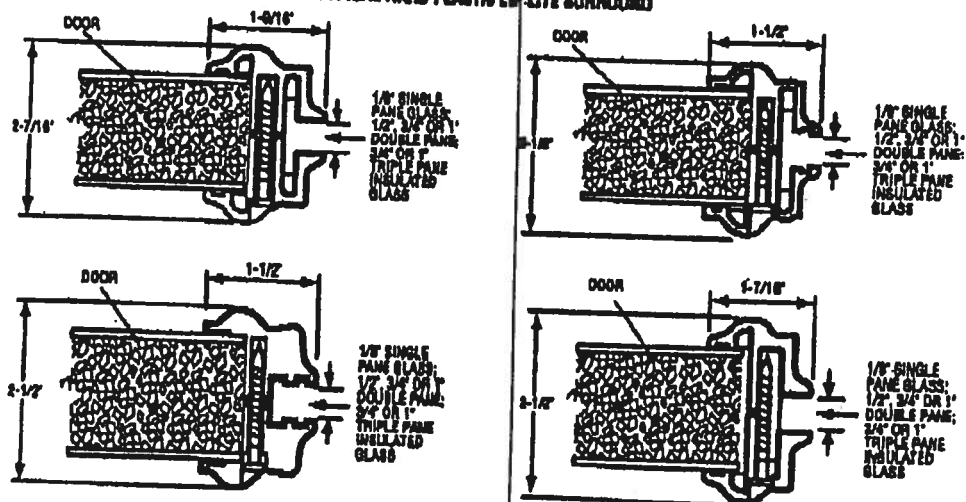


Test Data Review Certificate
#3028447A; #3028447B; #3028447C
and COPY/TEST Report Validation Mark
#3028447A-001, 002, 003, 004;
#3028447B-001, 002, 003, 004;
#3028447C-001, 002, 003, 004
provide additional information -
available from the ITB/WH website
(www.itsmart.com), the Masonite
website (www.masonite.com) or the
Masonite technical support.

October 14, 2003
Our continuing program of product improvement makes specifications, details and product descriptions subject to change without notice.

Masonite

MAD-WI-WA0041-02

**GLASS INSERT IN DOOR
OR SIDELITE PANEL****SECTION A-A
TYPICAL RIGID PLASTIC LIP LITE SURROUND**

*Glass Inserts to be sub-listed by Intertek Testing Services/ETL Sanjo or approved validation service.



Test Data Review Certificate #3028447A; #3028447B; #3028447C and CDP/MSI Mason Installation Matrix #3028447A-001, 002, 003; #3028447B-001, 002, 003; #3028447C-001, 002, 003 provides additional information - available from the ITB/MSI website (www.stanchem.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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

PRENDON
High Quality Doors

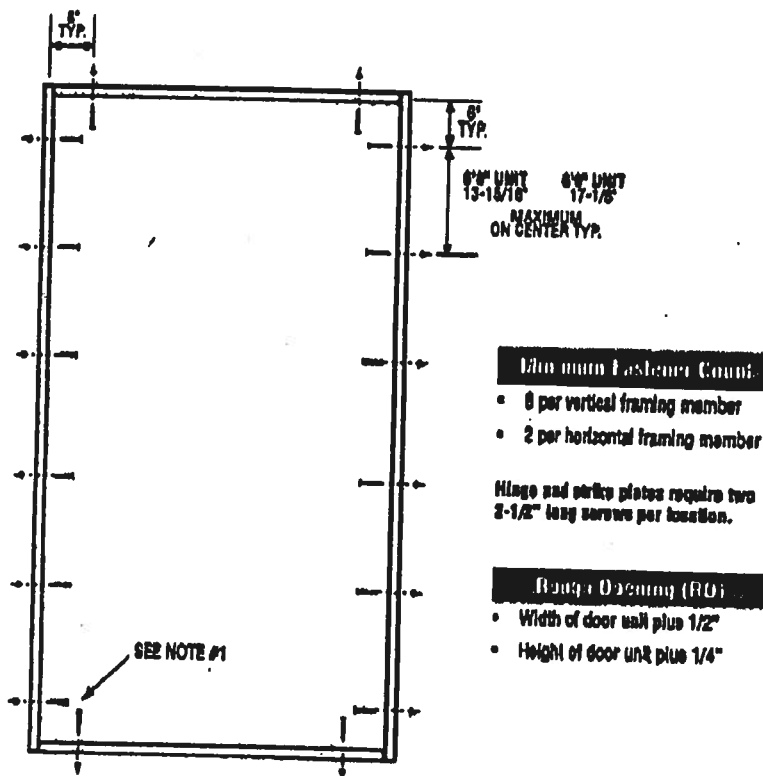


Innovatively from
Masonite
Masonite International Corporation

X
Unit

MID-WL-MA0001-02

SINGLE DOOR



Minimum Fastener Count:

- 6 per vertical framing member
- 2 per horizontal framing member

Hinge and strike plates require two 3-1/2\"/>

Rough Opening (RO):

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

SEE NOTE #1

Viewpoint Memory True Data Review Certificate #0020447A; #0020447B; #0020447C and COP/Unit Report Validation Matrix #0020447A-004, 005, 006, 007; #0020447B-001, 002, 003, 004; #0020447C-001, 002, 003, 004 provides additional information - available from the ITW/WHI website (www.athosna.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 0248*, 0255*, 0241*, 0245, 0251* or 0255**
Compliance requires that 3" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons. Threshold fasteners analyzed for this unit include #8 and #10 wood screws, 3/16" Tapcons, or Liquid Nails Builders Choice 400 (or equal structural adhesive).
2. The wood screw single shear design values come from Table 11.3A of ANSI/APA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 16, 2003
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

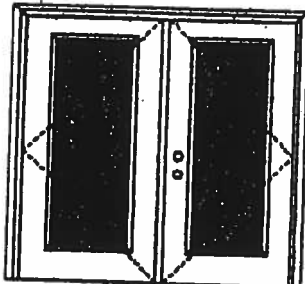
 **Masonite**

XX Glazed Outswing Unit

COP-WL-FN4162 02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



This data covers Certificates #30264470 and COP7701 Report Validation Matrix #30264470-001 provides additional information - available from the ITA/NA website (www.masonite.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".

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

Design Pressure
+50.5/-50.6

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 action required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MAD012-02 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, 138 Series



138 Series



880 Series



822 Series

1/2 GLASS:



104 Series*



106, 109 Series*



120 Series*



820 Series*



18 FVL, 23 FVL, 24 FVL Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 8-panel, 8-panel with panel, 8-panel, 8-panel, 8-panel, 8-panel with panel.

Entergy
Entry Systems

June 17, 2003

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



Exclusively from
Masonite
Masonite International Corporation

XX

Glazed Outswing Unit

COP-WI-FN4162-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:**
3/4 GLASS:

404 Series



410 Series



430 Series

FULL GLASS:

100 Series



110, 120, 122 Series



140 Series



140 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9

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

Unit Tested In Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.032" steel. Bottom end rails constructed of 0.032" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip like surround.

Frame constructed of wood with an extruded aluminum bumper 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. Balthazor

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



Test Data Review Certificate #30294470
and COP/Ret Report Violation Sheet
#30294470-001 (Please attach
information - available from the FLSAH
website (www.flstate.com), the
Miami-Dade website (www.miamidade.com)
or the Masonite website (www.masonite.com))

Entergy
Entry Systems

June 17, 2004

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



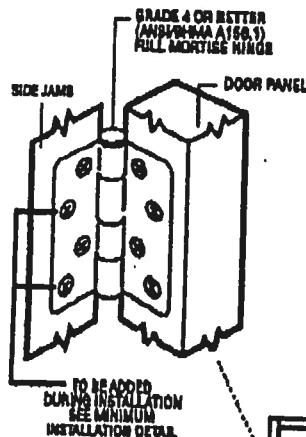
Exclusively from

Masonite
Masonite International Corporation

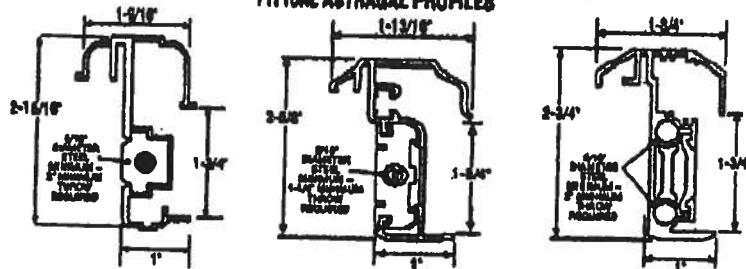
XX
Unit

MAD WL-MA0012-02
OUTSWING UNITS WITH
DOUBLE DOOR

TYPICAL HINGE ATTACHMENT



TYPICAL ASTRAGAL PROFILES



ALUMINUM EXTRUDED ASTRAGAL (0.06\"/>

(5) FOR 7'0\"/>

6'0\"/>

6'0\"/>

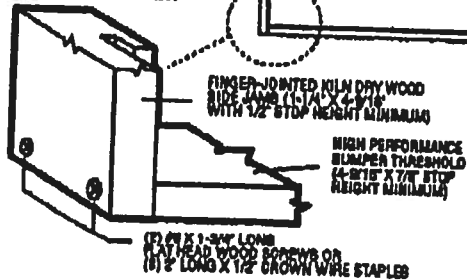
TYPICAL HEADER & SIDE JAMB ATTACHMENT

FINGER-JOINTED KILN DRY WOOD
FRAME HEADER (1-1/4\"/>

(5) 2\"/>

FINGER-JOINTED
KILN DRY WOOD
SIDE JAMB
(1-1/4\"/>

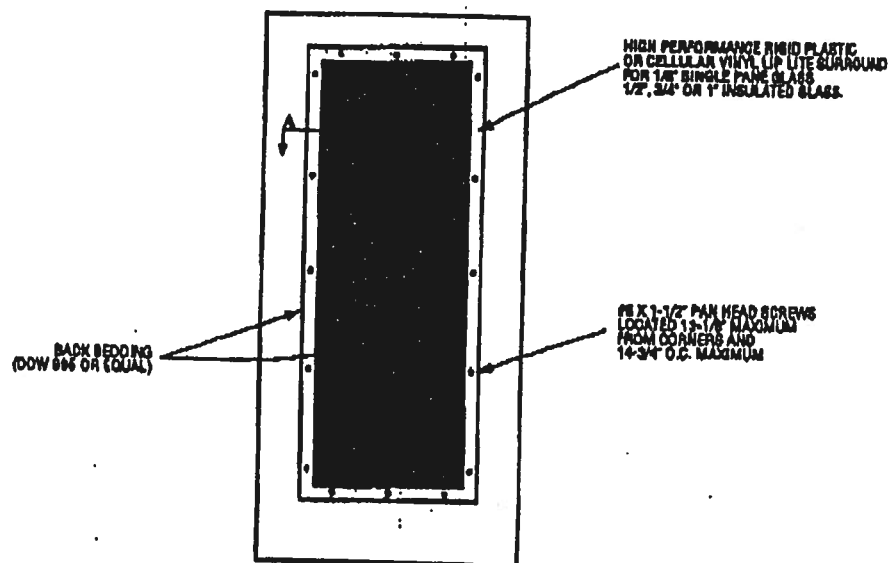
TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



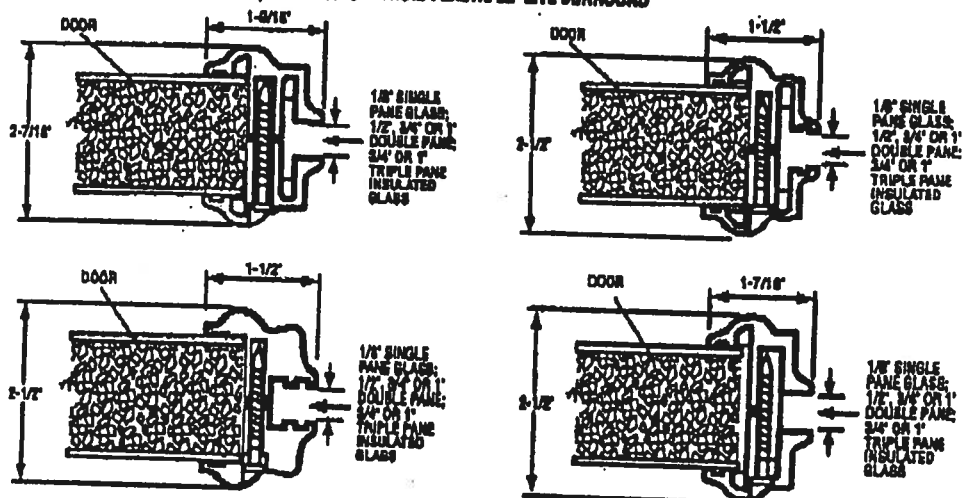
Test Data Review Certificate
#2020-147A; #2020-147B; #2020-147C
and COP/TEST Report Validation Matrix
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#2020-147GW-147GX; #2020-147GY; #2020-147GZ;
#2020-147HA-147HB; #2020-147HC; #2020-147HD;
#2020-147HE; #2020-147HF; #2020-147HG;
#2020-147HH-147HI; #2020-147HJ; #2020-147HK;
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#2020-147KS-147KT; #2020-147KU; #2020-147KV;
#2020-147KW-147KX; #2020-147KY; #2020-147KZ;
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#2020-147LE; #2020-147LF; #2020-147LG;
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#2020-147LX-147LY; #2020-147LZ; #2020-147MA-147MB;
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#2020-147PK-147PL; #2020-147PM; #2020-147PN;
#2020-147PO-147PP; #2020-147PQ; #2020-147PR;
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#2020-147RC; #2020-147RD; #2020-147RE; #2020-147RF;
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#2020-147ZK-147ZL; #2020-147ZM; #2020-147ZN;
#2020-147ZO-147ZP; #2020-147ZQ; #2020-147ZR;
#2020-147ZS-147ZT; #2020-147ZU; #2020-147ZV;
#2020-147ZW-147ZX; #2020-147ZY; #2020-147ZZ

MAD-WI-MA0041-02

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



*Glass inserts to be sub-listed by Intertek Testing Services/ETL Sanke or approved validation service.



That Data Review Certificate #9028447A; #9028447B; #9028447C and ECP/Tent Report Validation Reports #9028447A-901, 902, 903; #9028447B-901, 902, 903; #9028447C-901, 902, 903 (10/1/04) additional information - available from the IT&W website (www.itandw.com), the Masonite website (www.masonite.com) or the Masonite technical center.

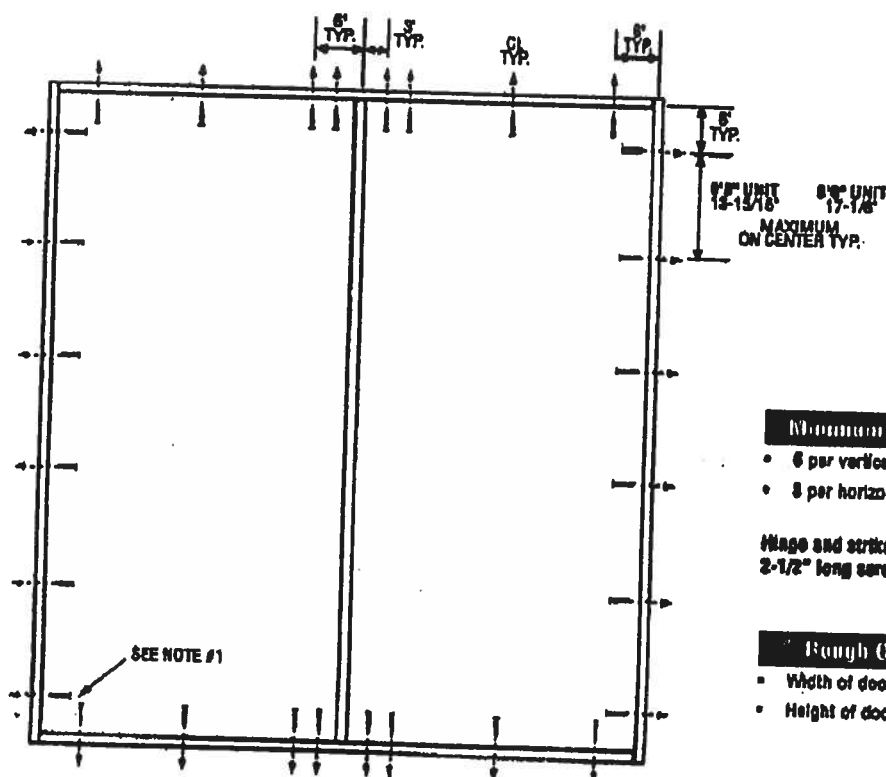
JUNE 17, 2004
Our continuing program of product improvement retains specifications, design and product detail as best to change without notice.



Exclusively from
Masonite
Masonite International Corporation

XX
Unit

MID-WL-MIA0002-02

DOUBLE DOOR**Minimum Fastener Count**

- 6 per vertical framing member
- 3 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Masonite® Masonry
 TYPICAL FRAMING REQUIREMENTS: #3025447A, #3025447B, #3025447C and COP (See Report Validation Matrix
 #3025447A-001, 002, 003, 004; #3025447B-001, 002, 003, 004; #3025447C-001, 002, 003, 004 provides
 additional information - available from the ITW website (www.stanmex.com), the Masonite website
 (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 8247°, 8257°, 8242°, 8247, 8282° or 8267**
 Compliance requires that 6" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

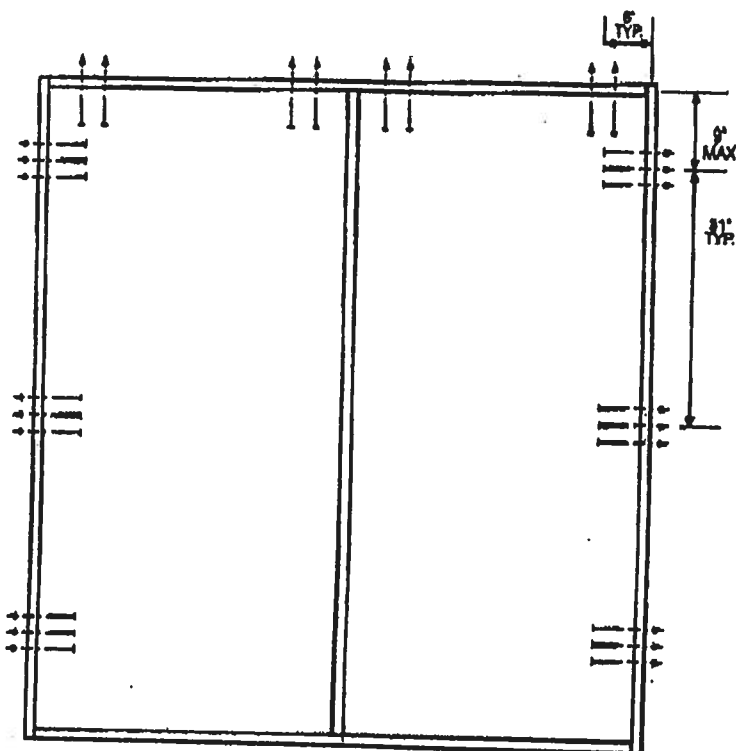
1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons. Threshold fasteners analyzed for this unit include #8 and #10 wood screws, 3/16" Tapcons, or Liquid Nails Builders Choice 490 (or equal structural adhesive).
2. The wood screw single shear design values come from Table 11.3A of ANSVAF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 16, 2003
 For continuing program of product improvement making specifications,
 design and product detail subject to change without notice.

XX
Unit

WID WL MA0002 02

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member for 7'0" heights and smaller
- 8 per vertical framing member for heights greater than 7'0"
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Warranted Member This Data Review Certificate #30264473, #30264474, #30264475 and COP/Est Report Validation Number #30264476-001, 002, 003, 004; #30264478-001, 002, 003, 004; #30264479-001, 002, 003, 004 provides additional information - available from the ITTEAM website (www.iteamco.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 0247°, 0267°, 3242°, 3247, 3282° or 3267**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 wood screws and 10d common nails. Threshold fasteners analyzed for this unit include Liquid Nails Builders Choice 460 (or equal structural adhesive).
2. The wood screw and common nail single shear design values come from ANSI/AP & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and schlevament of minimum embedment of 1-1/4".
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

March 10, 2003
Our continuing program of product improvement makes specifications, designs and product descriptions subject to change without notice.

Masonite



MI Home Products, Inc.
650 West Market St.
P.O. Box 370
Gratz, PA 17030-0370

(717) 365-3300
(717) 362-7025 Fax

740/744 SINGLE HUNG (FIN & FLANGE)
165 SINGLE HUNG (FIN & FLANGE)
BB165/740/744 FIXED (FIN & FLANGE)

- Test Reports
 - 165 Single Hung
 - #CTLA-787W (Fin)
 - #CTLA-787W-1 (Flange)
 - 740/744 Single Hung
 - #01-40351.03 (Fin)
 - #01-40351.04 (Flange)
 - 165/740/744 Fixed
 - #NCTL-310-0005-2.1 (Fin)
 - # NCTL-310-0005-5.1 (Flange)
 - #01-40486.03 (2-Panel Fixed)
- Installation Instructions
- Sample 110/120/140 MPH Labels



**AAMA/NWDA 101/LS.2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 740/744

TYPE: Aluminum Single Hung Window with Nail Fin

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 N. Reeves
15 FEBRUARY 2002



THIS FENESTRATION PRODUCT COMPLIES* WITH THE

NEW FLORIDA BUILDING CODE

FOR RESIDENTIAL BUILDINGS WITH A MEAN ROOF HEIGHT OF 30 FT. OR LESS,
EXPOSURE "B" (WHICH IS INLAND OF A LINE THAT IS 1500 FT. FROM THE COAST),
AND **WALL ZONE "5"** (INSTALLED NEAR THE CORNER OF THE BUILDING).

PER *ASTM E1300*, THE CORRECT GLASS THICKNESS, BASED ON THE *NEGATIVE*
DESIGN PRESSURE (DP) LISTED BELOW, HAS BEEN INSTALLED IN THIS UNIT.
THE GLASS THICKNESS IS BASED ON ITS' WIDTH, HEIGHT, AND ASPECT RATIO.

Series 470HP SLIDING GLASS DOOR – all 6'- 8" High Panels

- | | |
|---------------|--------------------|
| • 2'- 6" WIDE | DP + 40.0 / - 55.4 |
| • 3'- 0" WIDE | DP + 40.0 / - 48.5 |
| • 4'- 0" WIDE | DP + 40.0 / - 40.3 |

THIS PRODUCT MEETS THE REQUIREMENTS FOR STRUCTURAL LOADS, WATER AND
AIR INFILTRATION PER ATTACHED *AAMA* PERFORMANCE LABEL. BE ADVISED THAT
IF LOADS ARE PLACED UP TO OR EXCEEDING THE TESTED LEVELS, THIS PRODUCT
MAY BE ALTERED IN SUCH A WAY THAT FUTURE PERFORMANCE WILL BE REDUCED.

* COMPLIANCE MUST INCLUDE INSTALLATION ACCORDING TO
MANUFACTURER'S INSTRUCTIONS AND FLORIDA CODE REQUIREMENTS.

MIP-686



DOCUMENT CONTROL ADDENDUM #01-40351.00

Current Issue Date: 02/15/02

Report No.: 01-40351.01

Requested by: William Emley, MI Home Products, Inc.
Purpose: AAMA/NWWDA 101/I.S.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, Inc.

Report No.: 01-40351.03

Requested by: William Emley, MI Home Products, Inc.
Purpose: AAMA/NWWDA 101/I.S.2-97 testing of Series/Model 740/744 aluminum single hung window with nail fin.
Issued Date: 02/15/02
Comments: Florida P.E. seal required on report.
Certification copy to John Smith at Associated Laboratories, Inc.



Allen N. Reeves
15 FEBRUARY 2002

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.1.8	Forced Entry Resistance per ASTM F 588-97		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Optional Performance

4.4.1	Uniform Load Deflection per ASTM E 330 (Measurements reported were taken on the meting rail) (Loads were held for 52 seconds)		
	@ 45.0 psf (positive)	0.91"	0.29" max.
	@ 45.0 psf (negative)	0.97"	0.29" max.

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

4.4.2	Uniform Load Structural per ASTM E 330 (Measurements reported were taken on the meeting rail) (Loads held for 10 seconds)		
	@ 67.5 psf (positive)	0.14"	0.20" max.
	@ 67.5 psf (negative)	0.19"	0.20" max.
4.4.2	@ 70.8 psf (negative)	0.20"	0.20" max.

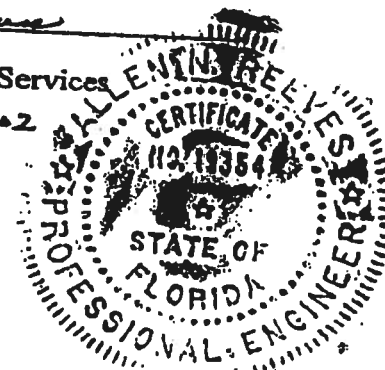
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. 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
Mark A. Hess
Technician

MAH:baw
01-40351.03

Allen N. Reeves
Allen N. Reeves, P.E.
Director - Engineering Services
15 FEBRUARY 2002



Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into the #2 2 x 8 Spruce-Pine-Fir wood buck with 1" galvanized roofing nails through the nail fin every 8" on center. 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	24 lbs	30 lbs max.
2.1.2	Air Infiltration (ASTM E 283) @ 1.57 psf (25 mph)	0.10 cfm/ft ²	0.30 cfm/ft ² max.
<i>Note #1: The tested specimen meets the performance levels specified in AAMA/NWDA 101/I.S. 2-97 for air infiltration.</i>			
2.1.3	Water Resistance (ASTM E 547-96) (with and without screen) WTP = 6.75 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection per ASTM E 330 (Measurements reported were taken on the meeting rail) (Loads were held for 52 seconds) @ 15.0 psf (positive) @ 15.0 psf (negative)	0.86"* 0.81"*	0.29" max. 0.29" max.
<i>Note: * Exceeds L/175 for deflection, but meets all other test requirements.</i>			
2.1.4.2	Uniform Load Structural per ASTM E 330 (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 22.5 psf (positive) @ 22.5 psf (negative)	0.01" <0.01"	0.20" max. 0.20" max.
2.2.1.6.2	Deglazing Test per ASTM E 987 In operating direction at 70 lbs		
	Top rail	0.06"/12%	0.50"/100%
	Bottom rail	0.06"/12%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.03"/6%	
	Right stile	0.03"/6%	

Allen N. Reeves
15 FEBRUARY 2002



Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.330" high by 0.187" backed polypile with center fin	1 Row	Fixed meeting rail interlock
0.170" high by 0.187" backed polypile with center fin	1 Row	Fixed lite, stiles and top rail
3/8" diameter hollow bulb gasket	1 Row	Bottom rail
0.310" high by 0.187" backed polypile with center fin	1 Row	Active sash stiles
0.150" high by 0.187" wide polypile	1 Row	Active sash stiles

Frame Construction: All frame members were constructed of extruded aluminum with coped, butted and sealed corners fastened with two screws each. Fixed meeting rail was secured utilizing one screw in each end directly through exterior face into jamb. Silicone was utilized around exterior meeting rail/jamb joinery.

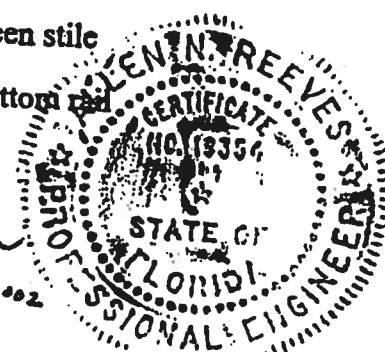
Sash Construction: All sash members were constructed of extruded aluminum with coped and butted corners fastened with one screw each.

Screen Construction: The screen frame was constructed from roll-formed aluminum members with plastic keyed corners. The screening consisted of a fiberglass mesh and was secured with a flexible vinyl spline.

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Plastic tilt latch	2	One each end of the interior Meeting rail
Metal sweep lock	2	13" from meeting rail ends
Balance assembly	2	One per jamb
Screen tension spring	2	One per end of screen stile
Tilt pin	2	One each end of bottom rail

Allen N. Reeves
15 FEBRUARY 2002





Architectural Testing

AAMA/NWWDA 101/I.S.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. (ATT) 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 Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for a H-R45 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: 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.

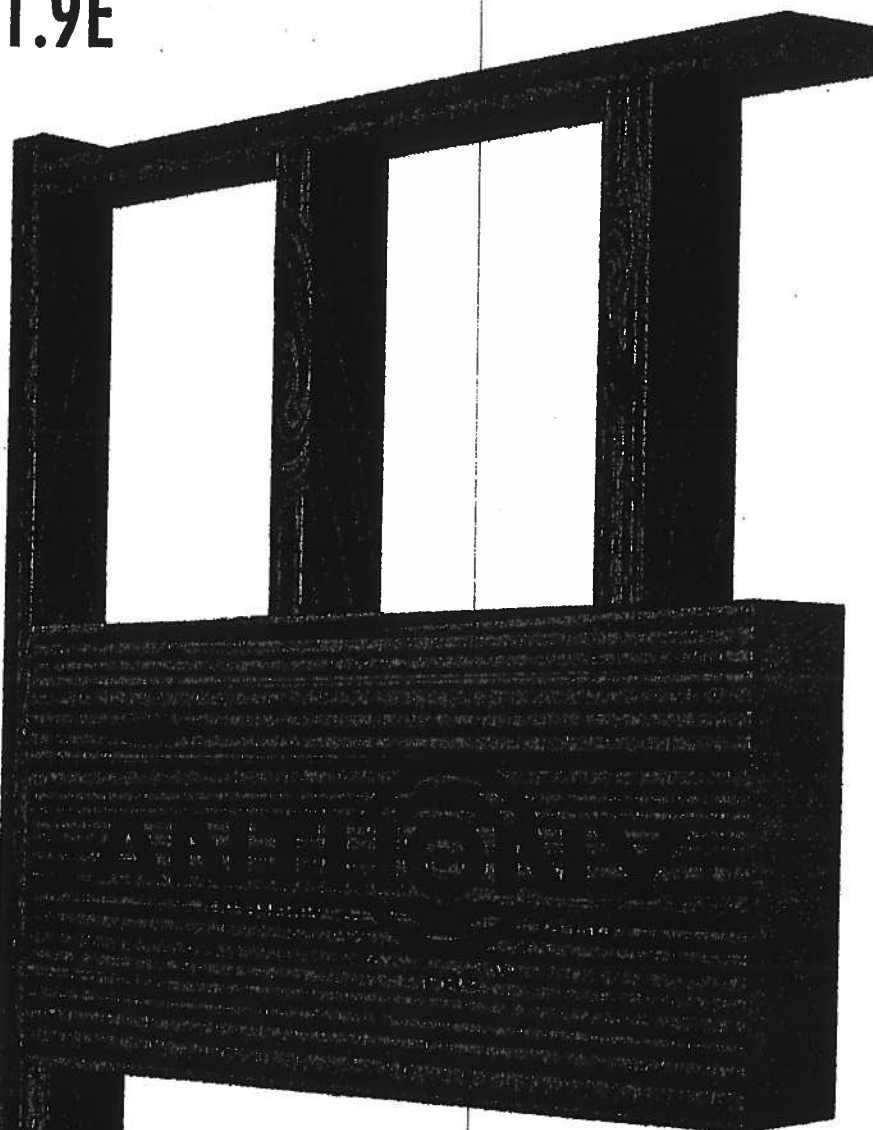
130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.testatl.com



Allen H. Reeves

Anthony POWER HEADER®

2600F_b - 1.9E



Anthony POWER HEADER® Advantages

- ◆ Less Expensive than LVL or PSL
- ◆ Lighter than Steel, LVL or PSL
- ◆ Pre-Cut Lengths
- ◆ Renewable Resource
- ◆ Cambered or Non-cambered
- ◆ 3-1/2" Width to Match Framing
- ◆ One Piece - No Nail Laminating
- ◆ Lifetime Warranty

**Garage Header
Sizing Tables**

ANTHONY®
ANTHONY FOREST PRODUCTS CO.

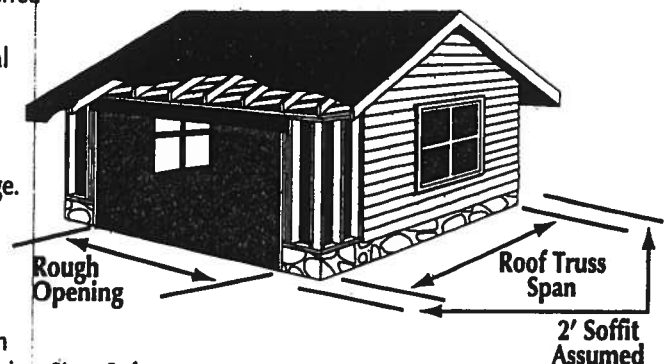
3-1/2" WIDTH GARAGE HEADER APPLICATION - SINGLE STORY HEADER SUPPORTING: 1/2 ROOF SPAN

9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"
8-3/8	11-1/4	12-5/8	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	14	15-3/8	8-3/8	14	16-3/4
8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	15-3/8	8-3/8	14	15-3/8	8-3/8	15-3/8	
8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	12-5/8	15-3/8	8-3/8	14	15-3/8	8-3/8	14	16-3/4	9-3/4	15-3/8	
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8-3/8	14	15-3/8	8-3/8	14	15-3/8	8-3/8	14	16-3/4	8-3/8	15-3/8		9-3/4			9-3/4		
8-3/8	14	15-3/8	8-3/8	14	16-3/4	8-3/8	15-3/8		9-3/4	15-3/8		9-3/4			9-3/4		
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8-3/8	14	16-3/4	8-3/8	15-3/8		9-3/4	15-3/8		9-3/4			9-3/4			11-1/4		

9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"	9'-3"	16'-3"	18'-3"
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8-3/8	12-5/8	14	8-3/8	12-5/8	14	8-3/8	14	15-3/8	8-3/8	14	15-3/8	8-3/8	15-3/8	

NOTES:

- Table assumes a simple span header supporting a uniform load transferred from 1/2 the roof span plus a 2' soffit.
- Roof live and dead loads shown are applied vertically to the horizontal projection. No reductions in roof live loads or snow loads were considered. The header weight is accounted for in the table.
- Deflection is limited to L/240 for live load and L/180 for total load.
- Headers are assumed to have continuous lateral support along top edge.
- Bearing length based on full width bearing is indicated as follows:
Non-shaded sizes require two trimmers (3" bearing).
Shaded sizes require three trimmers (4.5" bearing).
Shaded & outlined sizes require four trimmers (6" bearing).
- ** Applications where load carrying capacity of 16-3/4" depth has been exceeded. See AFP 30F_b POWER BEAM® literature or AFP's WoodWorks - Sizer Software.



3-1/2" WIDTH GARAGE HEADER PLF CAPACITY

844	896	1216	1573								
161	207	254	330	390	510	552	669	752	824		
114	145	180	231	277	359	391	510	534	653	707	789

844	975	1322									
161	207	254	330	390	510	552	724	752	897		
114	145	180	231	277	359	391	510	534	699	693	

562	778	888	1056	1363	1367		1582				
107	153	169	245	260	380	368	540	501	715	664	864
76	107	120	171	185	267	261	380	356	521	471	684
										609	813

NOTES:

1. Values shown are the maximum uniform loads in pounds per lineal foot (PLF) that can be applied to the header. Header weight has been subtracted from the allowable total load.
2. Tables are based on simple span uniform load conditions using a design span equal to the center-to-center of bearing. Non-shaded areas are based on 3" of bearing at each support, shaded areas on 4.5" of bearing, and shaded & outlined areas on 6" of bearing at supports.
3. Headers are assumed to be loaded on the top edge with continuous lateral support along compression edge.
4. When no live load is listed, total load controls.
5. Deflection limits are listed within the PLF table heading.

GARAGE HEADER SIZING USING PLF TABLES:

To size a garage header supporting roof only, determine the total load & live load in pounds per lineal foot (PLF). Check the appropriate PLF table for a header supporting roof loads only (125% Non-Snow vs. 115% Snow) and select a member with a total load and live load capacity which meets or exceeds the design load for the rough opening size. For a garage header supporting roof, wall, and floor framing, determine the total load and live load in pounds per lineal foot (PLF). Select a header size from the roof, wall, and floor table (100% load duration) which has a total load and live load capacity equal to or greater than the design load for the appropriate rough opening.

Anthony POWER HEADER®

26F_b - 1.9E

ENGINEERED WOOD SECTION PROPERTIES AND LOAD CAPACITIES

ALLOWABLE DESIGN STRESSES (PSI):

FLEXURAL STRESS (F_b) =	2600
COMPRESSION PERP. TO GRAIN ($F_{c\perp}$) =	740
HORIZONTAL SHEAR (F_v) =	225
MODULUS OF ELASTICITY (MOE) =	1.9×10^6

	7.7	9.0	10.4	11.7	12.9	14.2	15.5
	326	514	789	1115	1521	2014	2604
	8865	12015	15996	20145	24772	29877	35460
	3908	4550	5250	5892	6533	7175	7817

NOTES:

1. Beam weights are based on 38 pcf.
2. Moment capacities are based on a span of 21 feet and must be modified for other spans.
3. Flexural Stress, F_b , shall be modified by the Volume Factor, C_v , as outlined in AITC 117 - Design 1993 and the NDS for Wood Construction 1997.
4. Allowable design properties and load capacities are based on a load duration of 100 percent and dry use conditions.
5. The AITC NER 466 was used in calculating the above allowable design stresses for POWER HEADER®.

GARAGE HEADER COMPARISONS

810 / 540	3-1/2" x 8-3/8"	3-1/2" x 9-5/8"	3-1/2" x 9"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"***
990 / 720	3-1/2" x 9-3/4"	3-1/2" x 9-5/8"	3-1/2" x 10-1/2"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"***
640 / 400	3-1/2" x 12-5/8"	3-1/2" x 13-3/4"	3-1/2" x 13-1/2"	3-1/2" x 14"	3-1/2" x 14"
765 / 510	3-1/2" x 14"	3-1/2" x 15-1/8"	3-1/2" x 15"	3-1/2" x 14"	3-1/2" x 16"
750 / 480	3-1/2" x 15-3/8"	3-1/2" x 16-1/2"	3-1/2" x 16-1/2"	3-1/2" x 16"	3-1/2" x 18"
900 / 600	3-1/2" x 16-3/4"	3-1/2" x 17-7/8"	3-1/2" x 18"	3-1/2" x 16"	-----

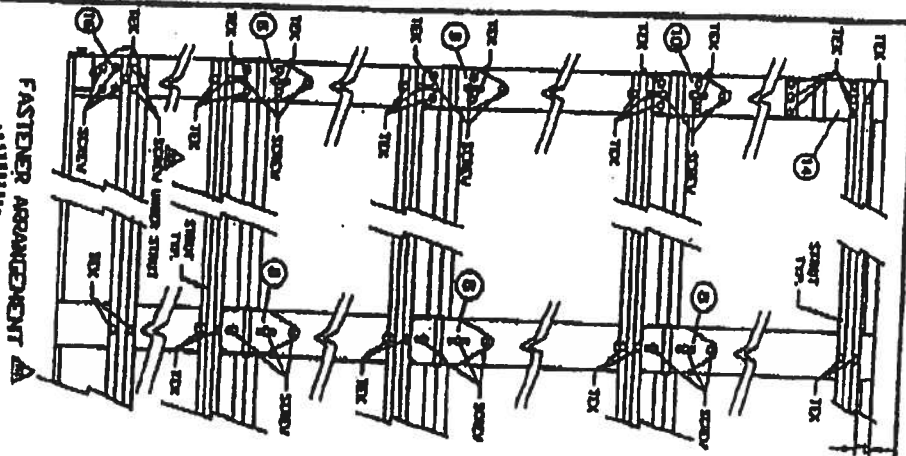
For more information on POWER HEADER®,
or other laminated structural products from
Anthony Forest Products Company please call
1-800-221-2326 or FAX at 870-862-6502.

POWER HEADER® is a trademark of
Anthony Forest Products Company
Post Office Box 1877 • El Dorado, Arkansas 71731
Internet address: [http:// www.anthonyforest.com](http://www.anthonyforest.com)
e-mail: info@anthonyforest.com
© 2001 Anthony Forest Products Company

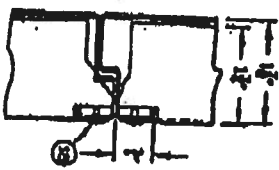
Distributed by:

LOWEST BRACKET APPROX. 3" FROM FLOOR, 2ND BRACKET NEAR THE HORIZONTAL C OF THE BOTTOM SECTION, AND 3RD BRACKET NEAR THE TOP OF THE BOTTOM SECTION

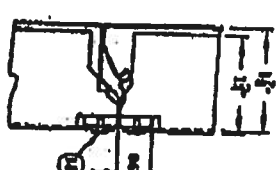
The seal on the drawing, only
indicates that the product(s)
described and depicted herein
represents the configuration(s) of
the door as tested.



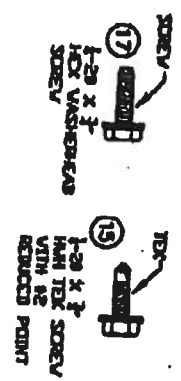
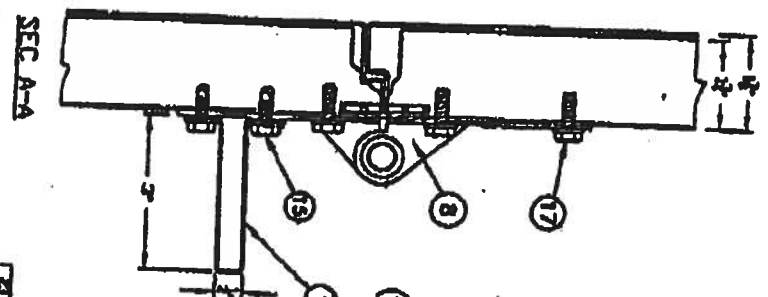
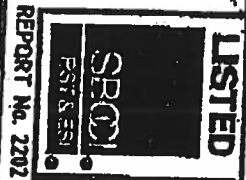
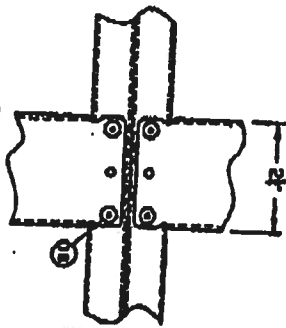
SEC. D-D
PANEL ATTACHMENT
TO STILE
AS TESTED



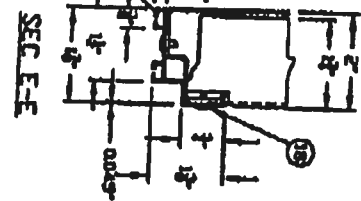
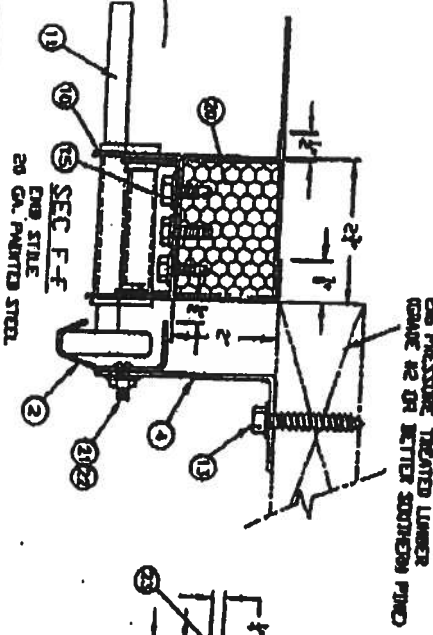
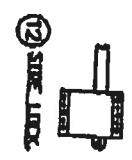
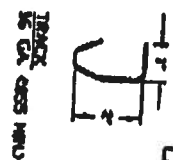
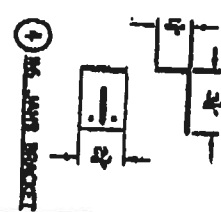
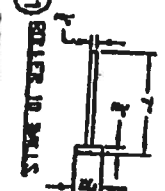
SEC. D-D
PANEL ATTACHMENT
TO STILE
(OPTIONAL)



SEC. G-G
DOOR STILE
20 GA. GALVANIZED
PANEL ATTACHMENT
TO STILE



5-7/8" CA. 80 PSI TILLS
STRENGTH REDUCED
BY STIFFENING WITH
2 HEX SCREWS FOR HINGE
ON STILE LOCATION
ON FOR STIFF, IMPROVED



20 GA. PRESSURE TREATED LUMBER
GRADE #2 OR BETTER SOUTHERN PINE

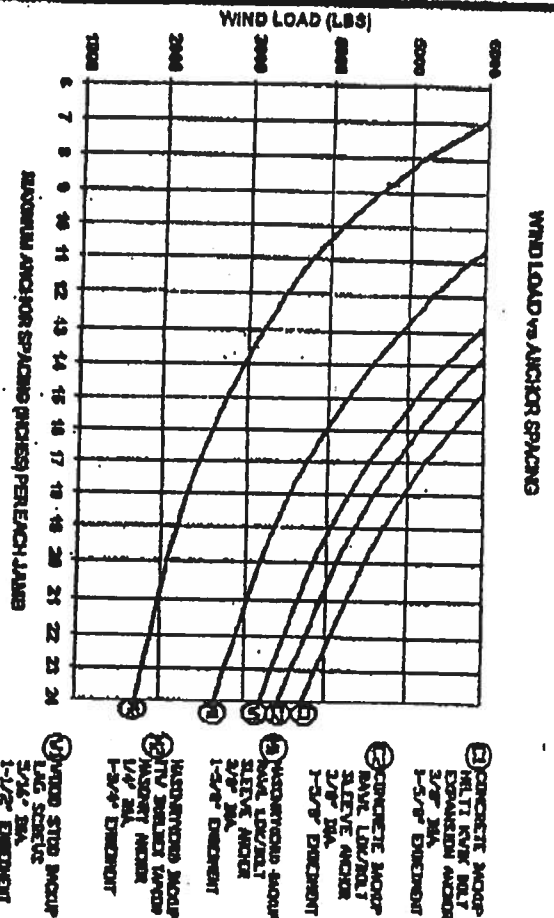
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GENERAL AMERICAN IRON COMPANY
3000 BAYVIEW ROAD
MONTGOMERY, AL 36117

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DOOR NO. 100

PRINTED IN U.S.A.


$$\text{DESIGN Q LUD} \times \text{GARAGE DOOR AREA} \div \text{WIDTH-FT} \times \text{HEIGHT-FT} = \text{VWD LOAD (LBS.)}$$

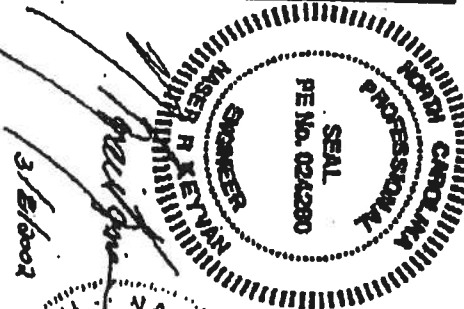
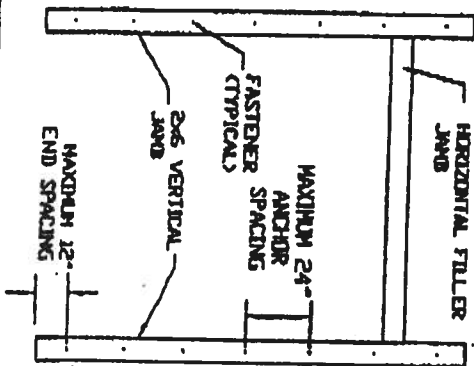
MAXIMUM ANCHOR SPACING (INCHES) PER EACH JAMB

EXAMPLE

$$\frac{30 \text{ LBS}}{\text{FT}^2} \times 66 \text{ FT WIDE} \times 8 \text{ FT HIGH} = 3960 \text{ LBS}$$

- ② USE 22" SPACING
 ③ USE 21" SPACING
 ④ USE 19" SPACING
 ⑤ USE 16" SPACING
 ⑥ USE 10" SPACING
 SEE NOTE D FOR ADJUST

SEE ME IN PER AUSTRIA.
REMOVED FOR VIDEO AND NO



2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2-6 PRESSURE TREATED GRADE 42 OR BETTER SOUTHERN PINE WOOD JAMB SHALL BE ANCHORED TO BUILDING WOOD FRAM. GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

ALL BOOR OPIONS SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH BE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HARDWARE" POSTS.

2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SDCI STANDARD FOR FIRESCAPE RESISTANT RESIDENTIAL CONSTRUCTION SSTD 10, COMBAT EDITION.

MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.

STUDS SHALL BE NATURALLY DRESSED, CONNECTED, ANCHORED AND SHALL CONSIST OF 2X6 PRESSURE TREATED SOUTHERN PINE OR BETTER WALL STUDS CONTINUOUS FROM FLOORING TO RAISE TOP PLATE.

9. REINFORCED CONCRETE COLUMNS SHALL BE ANCHORED IN EXISTING CONCRETE SLAB OR BE REINFORCED WITH STEEL WALLS OR COLLARS. REINFORCED CONCRETE COLLARS, ANCHOR SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THE CONTRACT. COLLARS SHALL BE BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2000 PSI. GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI REINFORCED CONCRETE COLLARS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

...EASIER ARE THE MODERN ALUMINUM EQUIPMENTS.


REINFORCING STEEL FOR CONCRETE AND CONCRETE MASONRY UNITS SHOULD HAVE A MINIMUM OF 36,000 PSI TENSILE STRENGTH. STEEL FOR CONCRETE AND CONCRETE MASONRY UNITS SHOULD BE FREE FROM ALL FORMS OF CORROSION. STEEL FOR CONCRETE AND CONCRETE MASONRY UNITS SHOULD BE FREE FROM ALL FORMS OF CORROSION. STEEL FOR CONCRETE AND CONCRETE MASONRY UNITS SHOULD BE FREE FROM ALL FORMS OF CORROSION.

LEAD SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE END WALL STUDS.

WASHERS ARE REQUIRED ON ALL FASTENERS.

IF X & Y AT A MAXIMUM 42 PSF DESIGN WIND LOAD.

CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JOIST BRACKETS, BRACKETS SHALL BEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JOIST BRACKETS, ADD AN ADDITIONAL 2X6 WOOD JOIST BRACKET NEAR THAT STEEL JOIST TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY SHARED TO TWO WOOD JOIST BRACKETS.

		FEDERAL AMERICAN OIL COMPANY 5000 INGLETON ROAD MONTAIRETTE, IL 62558	
EALCO NAME DATE 8-20-79 RECEIVED BY	ADDRESS TO	ORDER NO.	BUY
JAWO TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS		QUANTITY	PRICE
ORDER NUMBER 4115260		ORDER NUMBER	



ELK



**PRESTIQUE®
HIGH DEFINITION®**



RAISED PROFILE™

**Prestique Plus *High Definition*
and Prestique Gallery Collection™**

Product size . . . 13⅞" x 39⅞"
Exposure 5⅞"
Pieces/Bundle . . . 16
Bundles/Square . . 4/98.5 sq.ft.
Squares/Pallet . . . 11

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

Raised Profile

Product size . . . 13⅞" x 38⅞"
Exposure 5⅞"
Pieces/Bundle . . . 22
Bundles/Square . . 3/100 sq.ft.
Squares/Pallet . . . 16

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

Prestique I *High Definition*

Product size . . . 13⅞" x 39⅞"
Exposure 5⅞"
Pieces/Bundle . . . 16
Bundles/Square . . 4/98.5 sq.ft.
Squares/Pallet . . . 14

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

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™

Size: 12" x 12"
Exposure: 6⅞"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Prestique *High Definition*

Product size . . . 13⅞" x 38⅞"
Exposure 5⅞"
Pieces/Bundle . . . 22
Bundles/Square . . 3/100 sq.ft.
Squares/Pallet . . . 16

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

Elk Starter Strip

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

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

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

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

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

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

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

SPECIFICATIONS

SCOPE: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color).

MATERIALS: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater; apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. Fasten

warranties are contingent upon the correct installation as shown on the instructions. These instructions are the