Columbia County Building Permit Application

9386

Revised 9-23-04

For Office Use Only Application # 0602-62 Date Received 2/21 By TW Permit # 24226

Application Approved by - Zoning Official BLK Date 02.03.06 Plans Examiner OK JTH Date 3-10-06

Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den.

Comments

752-4904

Applicants Name KIMMY EDGLEY Phone 752-0580

Address 590 SW ARLINGTON BLVD SUITE 105 LAKE CITY FL 32025

Owners Name ANGEL & IRENE GOMEZ Phone 752-0580

911 Address 102 SW ORANGE BLOSSOM COURT LAKE CITY FL 32025

Contractors Name EDGLEY CONSTRUCTION CO Phone 752-0580

Address 590 SW ARLINGTON BLVD SUITE 105 LAKE CITY FL 32025

Fee Simple Owner Name & Address ANGEL & IRENE GOMEZ

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK DISOSWAY P.E. P.O. BOX 868 LAKE CITY FL 32025

Mortgage Lenders Name & Address N/A

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

Property ID Number 12-4S-16-02941-123 Estimated Cost of Construction $285,000.00

Subdivision Name SOUTHERN LANDINGS Aviation Lot 23 Block ____ Unit ____ Phase ____

Driving Directions HWY 90 WEST, TL ON SISTERS WELCOME RD (CR341), TLON BROTHERS LANE TL ON PLANTATION, TL ON COLONIAL, TR ON ORANGE BLOSSOM COURT, LOT AT END

Type of Construction RESIDENTIAL HOME Number of Existing Dwellings on Property 1

Total Acreage .75 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Driv

Actual Distance of Structure from Property Lines - Front 25' ✓ Side 66' ✓ Side 164' ✓ Rear 18' ✓

Total Building Height 26'9" Number of Stories 2 Heated Floor Area 2882 Roof Pitch 6/12

Porches 355 GARAGE 649 TOTAL 3,886

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

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

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

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

Contractor Signature

Contractors License Number RR282811326

Competency Card Number 5472

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 20TH day of FEB 2006.

Personally known ✓ or Produced Identification ____

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

Notary Signature

- Called MS. EDGLEY ON 3.10.06 - (Told Kimmy)

10.00
315.00
325.00

WARRANTY DEED

THIS INDENTURE, made this 12th day of November, 2004, between JOY R. DOUGLAS, who does not reside on the property, whose address is 6804 NW Savannah Circle, Lake City, Florida 32055, Grantor, and ANGEL GOMEZ and IRENE GOMEZ, his wife, whose address is 222 SW Airpark Glen, Lake City, Florida 32055, Grantees,

W I T N E S S E T H:

Grantor, for and in consideration of the sum of TEN AND NO/100 ($10.00) DOLLARS, and other good and valuable considerations to Grantor in hand paid by Grantees, the receipt whereof is hereby acknowledged, has granted, bargained and sold to Grantees, and Grantees' heirs, successors and assigns forever, the following described land, situate and lying in COLUMBIA County, Florida:

Lot 23, Southern Landings Aviation Subdivision, according to the plat recorded at Plat Book 7, pages 205-206, public records of Columbia County, Florida.
Tax parcel number R02944-000 (cutout)

SUBJECT TO: Taxes for 2005 and subsequent years; restrictions and easements of record; and easements shown by the plat of the property.

Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, Grantor has hereunto set her hand and seal the day and year first above written.

Signed, sealed and delivered
in the presence of:

Eddie M. Anderson
Print Name: Eddie M. Anderson

Andrea L. Walden
Print Name: Andrea L. Walden
Witnesses as to Grantor

Joy R. Douglas
JOY R. DOUGLAS

This Instrument Prepared By
EDDIE M. ANDERSON, P.A.
P. O. Box 1179
Lake City, Florida 32056-1179

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 12th day of November, 2004, by JOY R. DOUGLAS. She is personally known to me or she produced FL. D/L as identification.

Andrea L. Walden
Notary Public
My Commission Expires:

(Notarial Seal)

Andrea L. Walden
My Commission DD260301
Expires October 21, 2007

FORM 600A-2001 EnergyGauge® 3.4

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**506101GomezAngel**	Builder:	
Address:	**Lot: 23, Sub: , Plat:**	Permitting Office:	Columbia
City, State:	**Lake City, FL**	Permit Number:	24226
Owner:	**Gomez Angel**	Jurisdiction Number:	220000
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		4	
5. Is this a worst case?		Yes	
6. Conditioned floor area (ft²)		2882 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	548.0 ft²	
b. Default tint, default U-factor	0.0 ft²	0.0 ft²	
c. Labeled U-factor or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Raised Wood, Adjacent		R=30.0, 567.0ft²	
b. Slab-On-Grade Edge Insulation		R=0.0, 202.0(p) ft	
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 1665.0 ft²	
b. Frame, Wood, Adjacent		R=13.0, 261.0 ft²	
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1991.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior		Sup. R=6.0, 293.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 64.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 64.0 kBtu/hr	
	HSPF: 7.80	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 40.0 gallons	
	EF: 0.89	
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: 0.19

Total as-built points: 37588
Total base points: 38130

PASS

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

PREPARED BY: Ben Sparks

DATE: 10-12-05

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2882.0	20.04	10396.0	Double, Clear	NW	0.0	0.0	45.0	25.97	1.00	1168.8	
				Double, Clear	SW	0.0	0.0	30.0	40.16	1.00	1204.7	
				Double, Clear	NW	0.0	0.0	90.0	25.97	1.00	2337.7	
				Double, Clear	SW	0.0	0.0	12.0	40.16	1.00	481.9	
				Double, Clear	W	0.0	0.0	18.0	38.52	1.00	693.4	
				Double, Clear	N	0.0	0.0	18.0	19.20	1.00	345.6	
				Double, Clear	NE	0.0	0.0	12.0	29.56	1.00	354.7	
				Double, Clear	NE	0.0	0.0	30.0	29.56	1.00	886.7	
				Double, Clear	NE	0.0	0.0	16.0	29.56	1.00	472.9	
				Double, Clear	SE	9.0	4.5	16.0	42.75	0.40	276.4	
				Double, Clear	SE	9.0	2.5	8.0	42.75	0.38	129.8	
				Double, Clear	SE	6.0	5.5	20.0	42.75	0.48	408.5	
				Double, Clear	NW	1.5	6.5	60.0	25.97	0.94	1460.4	
				Double, Clear	SW	1.5	7.5	12.0	40.16	0.93	449.9	
				Double, Clear	W	1.5	7.5	18.0	38.52	0.95	658.2	
				Double, Clear	NW	1.5	7.5	30.0	25.97	0.96	744.7	
				Double, Clear	N	1.5	7.5	18.0	19.20	0.96	332.3	
				Double, Clear	NE	1.5	7.5	12.0	29.56	0.95	338.1	
				Double, Clear	SE	1.5	3.5	18.0	42.75	0.72	555.8	
				Double, Clear	SE	0.0	0.0	35.0	42.75	1.00	1496.3	
				Double, Clear	SW	0.0	0.0	30.0	40.16	1.00	1204.7	
				As-Built Total:				**548.0**				**16001.5**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	261.0	0.70	182.7	Frame, Wood, Exterior	13.0	1665.0	1.50	2497.5
Exterior	1665.0	1.70	2830.5	Frame, Wood, Adjacent	13.0	261.0	0.60	156.6
Base Total:	**1926.0**		**3013.2**	**As-Built Total:**		**1926.0**		**2654.1**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	Exterior Insulated	40.0	4.10	164.0
Exterior	40.0	6.10	244.0	Adjacent Insulated	20.0	1.60	32.0
Base Total:	**60.0**		**292.0**	**As-Built Total:**	**60.0**		**196.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	1702.0	1.73	2944.5	Under Attic	30.0	1991.0	1.73 X 1.00	3444.4
Base Total:	**1702.0**		**2944.5**	**As-Built Total:**		**1991.0**		**3444.4**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE				AS-BUILT						
FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points		
Slab	202.0(p)	-37.0	-7474.0	Raised Wood, Adjacent	30.0	567.0	0.40	226.8		
Raised	567.0	-3.99	-2262.3	Slab-On-Grade Edge Insulation	0.0	202.0(p	-41.20	-8322.4		
Base Total:			**-9736.3**	**As-Built Total:**		**769.0**		**-8095.6**		
INFILTRATION	Area X	BSPM	= Points			Area X	SPM	= Points		
	2882.0	10.21	29425.2			2882.0	10.21	29425.2		
Summer Base Points:			**36334.5**	**Summer As-Built Points:**						**43625.6**
Total Summer Points	X System Multiplier	= Cooling Points		Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
36334.5	**0.4266**	**15500.3**		43625.6 **43625.6**	1.000 **1.00**	(1.090 x 1.147 x 0.91) **1.138**	0.263 **0.263**	1.000 **1.000**	13030.6 **13030.6**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2882.0	12.74	6609.0	Double, Clear	NW	0.0	0.0	45.0	24.30	1.00	1093.3	
				Double, Clear	SW	0.0	0.0	30.0	16.74	1.00	502.1	
				Double, Clear	NW	0.0	0.0	90.0	24.30	1.00	2186.7	
				Double, Clear	SW	0.0	0.0	12.0	16.74	1.00	200.8	
				Double, Clear	W	0.0	0.0	18.0	20.73	1.00	373.1	
				Double, Clear	N	0.0	0.0	18.0	24.58	1.00	442.4	
				Double, Clear	NE	0.0	0.0	12.0	23.57	1.00	282.8	
				Double, Clear	NE	0.0	0.0	30.0	23.57	1.00	707.0	
				Double, Clear	NE	0.0	0.0	16.0	23.57	1.00	377.1	
				Double, Clear	SE	9.0	4.5	16.0	14.71	2.48	582.5	
				Double, Clear	SE	9.0	2.5	8.0	14.71	2.65	311.8	
				Double, Clear	SE	6.0	5.5	20.0	14.71	2.02	594.2	
				Double, Clear	NW	1.5	6.5	60.0	24.30	1.00	1461.3	
				Double, Clear	SW	1.5	7.5	12.0	16.74	1.04	207.9	
				Double, Clear	W	1.5	7.5	18.0	20.73	1.01	378.2	
				Double, Clear	NW	1.5	7.5	30.0	24.30	1.00	729.8	
				Double, Clear	N	1.5	7.5	18.0	24.58	1.00	442.9	
				Double, Clear	NE	1.5	7.5	12.0	23.57	1.00	283.6	
				Double, Clear	SE	1.5	3.5	18.0	14.71	1.28	339.6	
				Double, Clear	SE	0.0	0.0	35.0	14.71	1.00	514.7	
				Double, Clear	SW	0.0	0.0	30.0	16.74	1.00	502.1	
				As-Built Total:				**548.0**			**12513.9**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	261.0	3.60	939.6	Frame, Wood, Exterior	13.0	1665.0	3.40	5661.0
Exterior	1665.0	3.70	6160.5	Frame, Wood, Adjacent	13.0	261.0	3.30	861.3
Base Total:	**1926.0**		**7100.1**	**As-Built Total:**		**1926.0**		**6522.3**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	11.50	230.0	Exterior Insulated	40.0	8.40	336.0
Exterior	40.0	12.30	492.0	Adjacent Insulated	20.0	8.00	160.0
Base Total:	**60.0**		**722.0**	**As-Built Total:**	**60.0**		**496.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	1702.0	2.05	3489.1	Under Attic	30.0	1991.0	2.05 X 1.00	4081.5
Base Total:	**1702.0**		**3489.1**	**As-Built Total:**		**1991.0**		**4081.5**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE				AS-BUILT					
FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	=	Points
Slab	202.0(p)	8.9	1797.8	Raised Wood, Adjacent	30.0	567.0	2.20		1247.4
Raised	567.0	0.96	544.3	Slab-On-Grade Edge Insulation	0.0	202.0(p	18.80		3797.6
Base Total:			**2342.1**	**As-Built Total:**		**769.0**			**5045.0**
INFILTRATION	Area X	BWPM	= Points			Area X	WPM	=	Points
	2882.0	-0.59	-1700.4			2882.0	-0.59		-1700.4
Winter Base Points:			**18561.9**	**Winter As-Built Points:**					**26958.4**

Total Winter Points	X	System Multiplier	=	Heating Points
18561.9		**0.6274**		**11645.8**

Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Heating Points
26958.4		1.000		(1.069 x 1.169 x 0.93)		0.437		1.000		13697.1
26958.4		**1.00**		**1.162**		**0.437**		**1.000**		**13697.1**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: , Plat: , Lake City, FL,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
4		2746.00	10984.0	40.0	0.89	4		1.00	2715.15	1.00	10860.6
				As-Built Total:							**10860.6**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
15500	**11646**	**10984**	**38130**	**13031**	**13697**	**10861**	**37588**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 23, Sub: , Plat: , Lake City, FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. 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* = 83.4

The higher the score, the more efficient the home.

Gomez Angel, Lot: 23, Sub: , Plat: , Lake City, FL,

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	4	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	2882 ft²	
7.	Glass area & type	Single Pane / Double Pane	
a.	Clear glass, default U-factor	0.0 ft² / 548.0 ft²	
b.	Default tint, default U-factor	0.0 ft² / 0.0 ft²	
c.	Labeled U-factor or SHGC	0.0 ft² / 0.0 ft²	
8.	Floor types		
a.	Raised Wood, Adjacent	R=30.0, 567.0ft²	
b.	Slab-On-Grade Edge Insulation	R=0.0, 202.0(p) ft	
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 1665.0 ft²	
b.	Frame, Wood, Adjacent	R=13.0, 261.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1991.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 293.0 ft	
b.	N/A		

12.	Cooling systems	
a.	Central Unit	Cap: 64.0 kBtu/hr SEER: 13.00
b.	N/A	
c.	N/A	
13.	Heating systems	
a.	Electric Heat Pump	Cap: 64.0 kBtu/hr HSPF: 7.80
b.	N/A	
c.	N/A	
14.	Hot water systems	
a.	Electric Resistance	Cap: 40.0 gallons EF: 0.89
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)	

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: _____

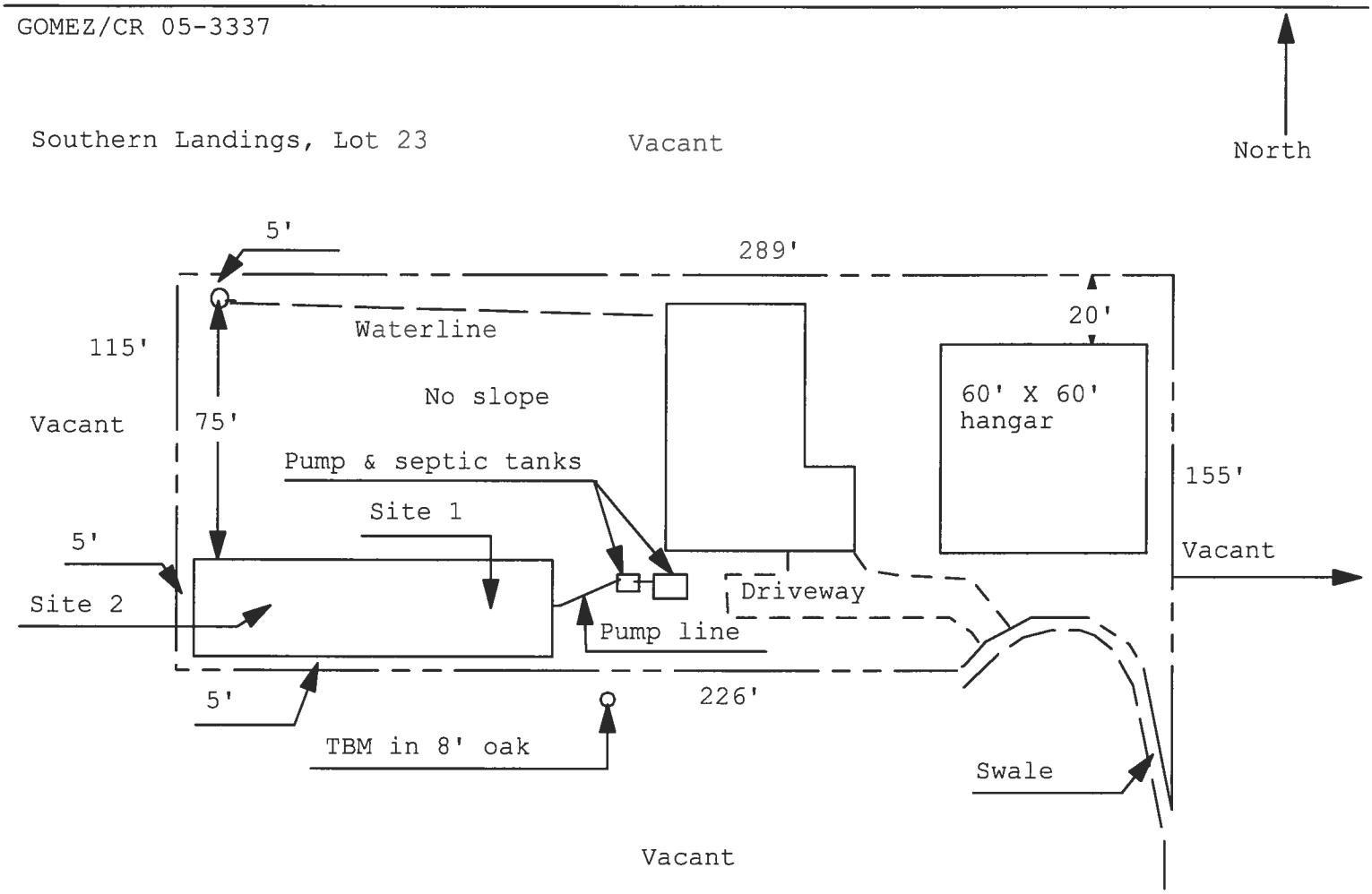
**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if 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 850/488-1824.*

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

Permit Application Number: 06-0128N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GOMEZ/CR 05-3337



1 inch = 50 feet

Site Plan Submitted By Paul Lord **Date** 2/6/06

Plan Approved ✓ **Not Approved** ____ **Date** 2/14/06

By [signature] Columbia **CPHU**

Notes: ____

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * FAX (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

To: Mr. John Kerce, Building and Zoning Coordinator

Fr: Ronal Croft, 9-1-1 Addressing

Dt: December 10, 2004

Re: 9-1-1 Addressing of "Southern Landings Aviation" Subdivision.

Please find attached 9-1-1 Addressing data for Southern Landings Aviation Subdivision in Sections 12, Township 4 South, Range 16 East.

NOTE: Please contact the 9-1-1 Address Department concerning addresses for lots; 2, 3, 5, 17, 18, 19 and 20. Also, contact the 9-1-1 Address Department if two or more lots are to be combined for one residential location, as this will affect the address number.

Please contact us if there are any questions concerning the addressing of this subdivision.

XC: Environmental Health Department
Lake City Post Office
George Johnson, Bell South
Larry Cook, Property Appraiser's Office
File

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * FAX (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

SOUTHERN LANDINGS AVIATION SUBDIVISION

LOT NUMBER:	ADDRESS:
1	269 SW BROTHERS LN
2	CORNER LOT, CONTACT COLUMBIA COUNTY ADDRESS DEPT.
3	CORNER LOT, CONTACT COLUMBIA COUNTY ADDRESS DEPT.
4	381 SW BROTHERS LN
5	CORNER LOT, CONTACT COLUMBIA COUNTY ADDRESS DEPT.
6	148 SW VOYAGER CT
7	182 SW VOYAGER CT
8	216 SW VOYAGER CT
9	252 SW VOYAGER CT
10	280 SW VOYAGER CT
11	327 SW PLANTATION TER
12	299 SW PLANTATION TER
13	271 SW PLANTATION TER
14	245 SW PLANTATION TER
15	219 SW PLANTATION TER
16	166 SW PLANTATION TER
17	ACCESS TO 2 STREETS, CONTACT COLUMBIA COUNTY ADDRESS DEPT.
18	CORNER LOT, CONTACT COLUMBIA COUNTY ADDRESS DEPT.
19	CORNER LOT, CONTACT COLUMBIA COUNTY ADDRESS DEPT.
20	ACCESS TO 2 STREETS, CONTACT COLUMBIA COUNTY ADDRESS DEPT.
21	298 SW PLANTATION TER
22	326 SW PLANTATION TER
23	102 SW ORANGE BLOSSOM CT Angel Gomez
24	114 SW ORANGE BLOSSOM CT
25	136 SW ORANGE BLOSSOM CT
26	160 SW ORANGE BLOSSOM CT
27	186 SW ORANGE BLOSSOM CT
28	200 SW ORANGE BLOSSOM CT

Please contact us if there are any questions concerning the addressing of this subdivision.

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
904 NW Main Blvd.
LAKE CITY, FLORIDA 32055

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram 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

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 12-4S-16-02941-123

1. **Description of property: (legal description of the property and street address or 911 address)**
LOT 23 SOUTHERN LANDINGS AVIATION S/D WD 1030-1697
102 SW ORANGE BLOSSOM COURT

2. **General description of improvement:** TWO STORY RESIDENTIAL HOME

3. **Owner Name & Address** ANGEL & IRENE GOMEZ, 102 SW ORANGE BLOSSOM COURT, LAKE CITY FLORIDA 32025 **Interest in Property**

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

5. **Contractor Name** EDGLEY CONSTRUCTION CO **Phone Number** 386-752-0580
Address 590 SW ARLINGTON BLVD SUITE 105 LAKE CITY FL 32025

6. **Surety Holders Name** N/A **Phone Number**
Address
Amount of Bond

7. **Lender Name** CASH **Phone Number**
Address

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 EDGLEY CONSTRUCTION CO. **Phone Number** 386-752-0580
Address 590 SW ARLINGTON BLVD SUITE 105 LAKE CITY FL 32025

9. **In addition to himself/herself the owner designates** EDGLEY CONSTRUCTION CO. **of** LAKE CITY FLORIDA **to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee** 386-752-0580

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

Inst:2006004106 Date:02/21/2006 Time:09:13
S.T. DC,P.DeWitt Cason,Columbia County B:1074 P:1860

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement a

Kimmy Edgley-Agent
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 20TH FEB **, 20** 06

NOTARY STAMP/SEAL

NOTARY PUBLIC STATE OF FLORIDA
JAN CLARK
MY COMMISSION # DD 181635
EXPIRES: March 28, 2007
Bonded Thru Budget Notary Service

Jan Clark
Signature of Notary

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

Reference to: Build permit application Number: 0602-62

Edgley Construction Owner Angel Gomez.

On the date of March 6, 2006 application 0602-62 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 0602-62 when making reference to this application.

1. Please have Mr. Disosway supply the following information, show all required connectors with uplift rating for the truss system and required number and size of fasteners for continuous tie from the roof to foundation. These connection points shall be designed by an architect or engineer using the engineered roof truss plans. Please also supply the second floor load bearing girder and joist system which shall be engineered plans.
2. Please verify that the second story egress windows will comply with the FBC-2004 Section R310.1.1 Minimum opening area: All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m2).

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

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

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.
1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☑	☐	**Elevations including:**
☑	☐	a) All sides
☑	☐	b) Roof pitch
☐	☐	c) Overhang dimensions and detail with attic ventilation
☐	☐	d) Location, size and height above roof of chimneys
☐	☐	e) Location and size of skylights
☑	☐	f) Building height
☑	☐	e) Number of stories

Floor Plan including:

- ☑ ☐ a) Rooms labeled and dimensioned
- ☑ ☐ b) Shear walls
- ☑ ☐ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- ☐ ☐ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☑ ☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☑ ☐ f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

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

Roof System:

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

Wall Sections including:

- ☐ ☐ a) Masonry wall
  1. All materials making up wall
  2. Block size and mortar type with size and spacing of reinforcement
  3. Lintel, tie-beam sizes and reinforcement
  4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
  5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
  6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
  7. Fire resistant construction (if required)
  8. Fireproofing requirements
  9. Shoe type of termite treatment (termicide or alternative method)
  10. Slab on grade
      a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
      b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
  11. Indicate where pressure treated wood will be placed
  12. Provide insulation R value for the following:
      a. Attic space
      b. Exterior wall cavity
      c. Crawl space (if applicable)

☑ ☐ **b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
    a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

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

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

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathroom

☑ ☐ **Energy Calculations** (dimensions shall match plans)

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

☐ ☐ **Disclosure Statement for Owner Builders**

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

☐ ☐ **Private Potable Water**

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

Residential System Sizing Calculation

Summary

Gomez Angel

Lake City, FL

Project Title:
506101GomezAngel

Class 3 Rating
Registration No. 0
Climate: North

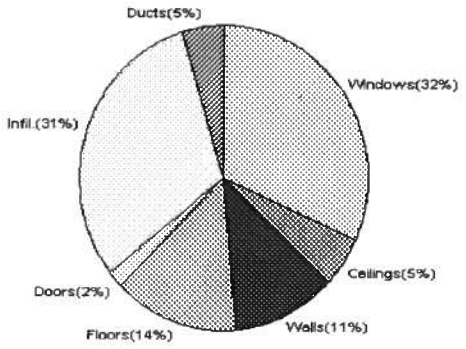
10/11/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**48555**	**Btuh**	**Total cooling load calculation**	**54711**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	131.8	64000	Sensible (SHR = 0.5)	75.6	32000
Heat Pump + Auxiliary(0.0kW)	131.8	64000	Latent	259.0	32000
			Total (Electric Heat Pump)	117.0	64000

WINTER CALCULATIONS

Winter Heating Load (for 2882 sqft)

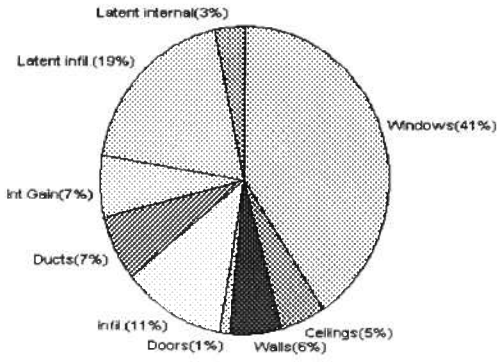
Load component			Load	
Window total	548	sqft	15508	Btuh
Wall total	1926	sqft	5579	Btuh
Door total	60	sqft	921	Btuh
Ceiling total	1991	sqft	2588	Btuh
Floor total	See detail report		6780	Btuh
Infiltration	347	cfm	14866	Btuh
Subtotal			**46243**	**Btuh**
Duct loss			2312	Btuh
TOTAL HEAT LOSS			**48555**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2882 sqft)

Load component			Load	
Window total	548	sqft	22297	Btuh
Wall total	1926	sqft	3169	Btuh
Door total	60	sqft	608	Btuh
Ceiling total	1991	sqft	2827	Btuh
Floor total			0	Btuh
Infiltration	303	cfm	6004	Btuh
Internal gain			3600	Btuh
Subtotal(sensible)			**38505**	**Btuh**
Duct gain			3850	Btuh
Total sensible gain			**42355**	**Btuh**
Latent gain(infiltration)			10516	Btuh
Latent gain(internal)			1840	Btuh
Total latent gain			**12356**	**Btuh**
TOTAL HEAT GAIN			**54711**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: [signature]

DATE: 10-12-05

System Sizing Calculations - Winter

Residential Load - Component Details

Gomez Angel
Lake City, FL

Project Title:
506101GomezAngel

Class 3 Rating
Registration No. 0
Climate: North

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

10/11/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	45.0	28.3	1274 Btuh
2	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
3	2, Clear, Metal, DEF	N	90.0	28.3	2547 Btuh
4	2, Clear, Metal, DEF	W	12.0	28.3	340 Btuh
5	2, Clear, Metal, DEF	NW	18.0	28.3	509 Btuh
6	2, Clear, Metal, DEF	NE	18.0	28.3	509 Btuh
7	2, Clear, Metal, DEF	E	12.0	28.3	340 Btuh
8	2, Clear, Metal, DEF	E	30.0	28.3	849 Btuh
9	2, Clear, Metal, DEF	E	16.0	28.3	453 Btuh
10	2, Clear, Metal, DEF	S	16.0	28.3	453 Btuh
11	2, Clear, Metal, DEF	S	8.0	28.3	226 Btuh
12	2, Clear, Metal, DEF	S	20.0	28.3	566 Btuh
13	2, Clear, Metal, DEF	N	60.0	28.3	1698 Btuh
14	2, Clear, Metal, DEF	W	12.0	28.3	340 Btuh
15	2, Clear, Metal, DEF	NW	18.0	28.3	509 Btuh
16	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
17	2, Clear, Metal, DEF	NE	18.0	28.3	509 Btuh
18	2, Clear, Metal, DEF	E	12.0	28.3	340 Btuh
19	2, Clear, Metal, DEF	S	18.0	28.3	509 Btuh
20	2, Clear, Metal, DEF	S	35.0	28.3	990 Btuh
21	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
	Window Total		548		15508 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1665	3.1	5162 Btuh
2	Frame - Adjacent	13.0	261	1.6	418 Btuh
	Wall Total		1926		5579 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		40	18.3	733 Btuh
2	Insulated - Adjac		20	9.4	188 Btuh
	Door Total		60		921Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1991	1.3	2588 Btuh
	Ceiling Total		1991		2588Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Raised Wood/Enclosed	30	567.0 sqft	0.7	397 Btuh
2	Slab-On-Grade Edge Insul	0	202.0 ft(p)	31.6	6383 Btuh
	Floor Total		769		6780 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	25938(sqft)	347	14866 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			347	14866 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Gomez Angel

Lake City, FL

Project Title:
506101GomezAngel

Class 3 Rating
Registration No. 0
Climate: North

10/11/2005

Totals for Heating	**Subtotal**	**46243 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**2312 Btuh**
	Total Btuh Loss	**48555 Btuh**

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

System Sizing Calculations - Summer

Residential Load - Component Details

Gomez Angel

Project Title:
506101GomezAngel

Class 3 Rating
Registration No. 0

Lake City, FL

Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 10/11/2005

Window	Type Panes/SHGC/U/InSh/ExSh	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load	
1	2, Clear, DEF, N, N	N	0	0	45.0	0.0	45.0	22	22	990	Btuh
2	2, Clear, DEF, N, N	W	0	0	30.0	0.0	30.0	22	72	2160	Btuh
3	2, Clear, DEF, N, N	N	0	0	90.0	0.0	90.0	22	22	1980	Btuh
4	2, Clear, DEF, N, N	W	0	0	12.0	0.0	12.0	22	72	864	Btuh
5	2, Clear, DEF, N, N	NW	0	0	18.0	0.0	18.0	22	50	900	Btuh
6	2, Clear, DEF, N, N	NE	0	0	18.0	0.0	18.0	22	50	900	Btuh
7	2, Clear, DEF, N, N	E	0	0	12.0	0.0	12.0	22	72	864	Btuh
8	2, Clear, DEF, N, N	E	0	0	30.0	0.0	30.0	22	72	2160	Btuh
9	2, Clear, DEF, N, N	E	0	0	16.0	0.0	16.0	22	72	1152	Btuh
10	2, Clear, DEF, N, N	S	9	4.5	16.0	16.0	0.0	22	37	352	Btuh
11	2, Clear, DEF, N, N	S	9	2.5	8.0	8.0	0.0	22	37	176	Btuh
12	2, Clear, DEF, N, N	S	6	5.5	20.0	20.0	0.0	22	37	440	Btuh
13	2, Clear, DEF, N, N	N	1.5	6.5	60.0	0.0	60.0	22	22	1320	Btuh
14	2, Clear, DEF, N, N	W	1.5	7.5	12.0	0.0	12.0	22	72	864	Btuh
15	2, Clear, DEF, N, N	NW	1.5	7.5	18.0	0.0	18.0	22	50	900	Btuh
16	2, Clear, DEF, N, N	N	1.5	7.5	30.0	0.0	30.0	22	22	660	Btuh
17	2, Clear, DEF, N, N	NE	1.5	7.5	18.0	0.0	18.0	22	50	900	Btuh
18	2, Clear, DEF, N, N	E	1.5	7.5	12.0	0.0	12.0	22	72	864	Btuh
19	2, Clear, DEF, N, N	S	1.5	3.5	18.0	18.0	0.0	22	37	396	Btuh
20	2, Clear, DEF, N, N	S	0	0	35.0	0.0	35.0	22	37	1295	Btuh
21	2, Clear, DEF, N, N	W	0	0	30.0	0.0	30.0	22	72	2160	Btuh
	Window Total				548					22297	Btuh

Walls	Type	R-Value	Area	HTM	Load	
1	Frame - Exterior	13.0	1665.0	1.7	2897	Btuh
2	Frame - Adjacent	13.0	261.0	1.0	271	Btuh
	Wall Total		1926.0		3169	Btuh

Doors	Type	Area	HTM	Load	
1	Insulated - Exter	40.0	10.1	406	Btuh
2	Insulated - Adjac	20.0	10.1	203	Btuh
	Door Total	60.0		608	Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load	
1	Under Attic/Dark	30.0	1991.0	1.4	2827	Btuh
	Ceiling Total		1991.0		2827	Btuh

Floors	Type	R-Value	Size	HTM	Load	
1	Raised Wood	30.0	567.0 sqft	0.0	0	Btuh
2	Slab-On-Grade Edge Insulation	0.0	202.0 ft(p)	0.0	0	Btuh
	Floor Total		769.0		0	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Gomez Angel

Lake City, FL

Project Title:
506101GomezAngel

Class 3 Rating
Registration No. 0
Climate: North

10/11/2005

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.70	25938	303.2	6004 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			303	6004 Btuh

Internal gain		Occupants		Btuh/occupant		Appliance	Load
		8	X	300	+	1200	3600 Btuh

Totals for Cooling	**Subtotal**	**38505 Btuh**
	Duct gain(using duct multiplier of 0.10)	**3850 Btuh**
	Total sensible gain	**42355 Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**10516 Btuh**
	Latent occupant gain (8 people @ 230 Btuh per person)	**1840 Btuh**
	Latent other gain	**0 Btuh**
	TOTAL GAIN	**54711 Btuh**

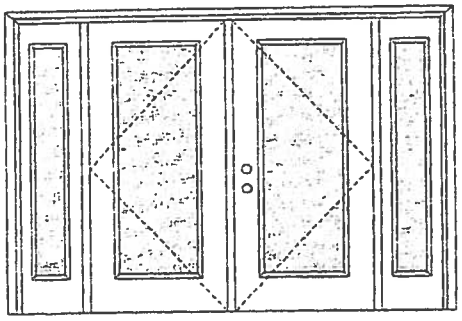
Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass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

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.etlsemko.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

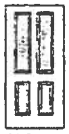

680 Series


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.

Johnson™ EntrySystems

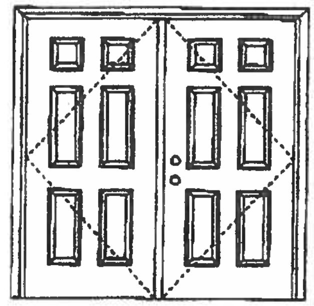
June 17, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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.etlsemko.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".

Design Pressure

+45.0/-45.0

limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT 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.

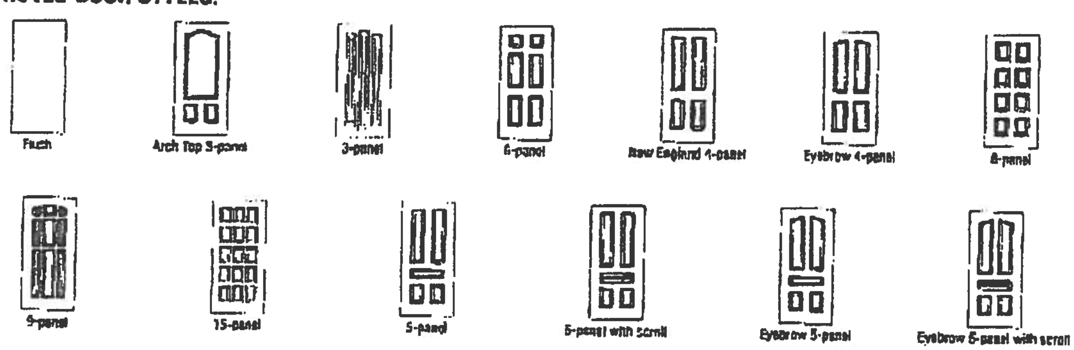
MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:



XX
Opaque Inswing Unit

COP-WI-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 Balthazor

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

Test Data Review Certificate #3025447A and COP/Test Report Validation Matrix #3025447A-001 provides additional information - available from the ITS/WH website (www.qdoormfg.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.

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

Doug Edgley

AAMA/NWWDA 101/I.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:mlb

ALLEN M. REEVES
CERTIFICATE
NO. 19354
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Allen M. Reeves
1 APRIL 2002

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.

Test Specimen Description: (Continued)

Weatherstripping:

Description	Quantity	Location
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:

Description	Quantity	Location
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 N. REEVES
CERTIFICATE
NO. 1[illegible]
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Allen N. 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:

Paragraph	Title of Test - Test Method	Results	Allowed
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)	0.42"*	0.26" max.
	@ 34.7 psf (negative)	0.43"*	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)	0.02"	0.18" max.
	@ 52.1 psf (negative)	0.02"	0.18" max.

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES ★ CERTIFICATE NO. 18374 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER ★

Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
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.
	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"	0.18" max.
	@ 70.8 psf (negative)	0.05"	0.18" max.

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

Allen N. Reeves
1 APRIL 2002

LEN N. REEVES
CERTIFICATE NO. 19334
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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:

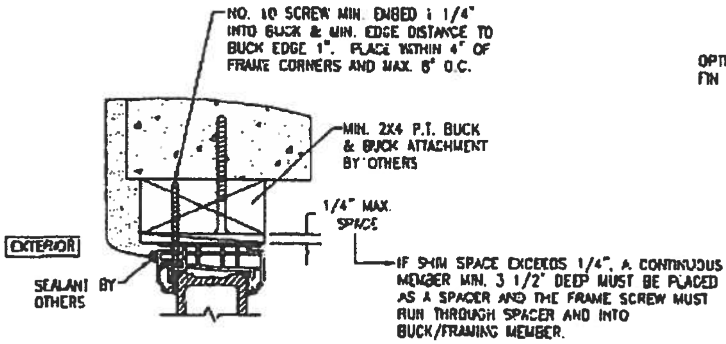
Mark A. Hess
Technician

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

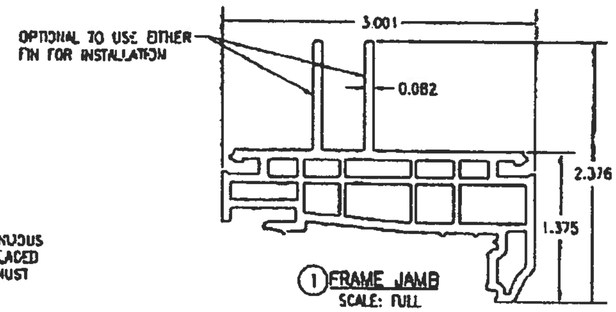
MAH:nlb
01-41134.01

ALLEN N. REEVES
CERTIFICATE
NO. 13254
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

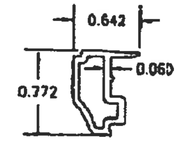
ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
	PARTS	
1	FRAME BASE	RIGID PVC
2	GLAZING BEAD	RIGID PVC
3	SPACER	RIGID PVC
4	GLASS BLOCK (7 3/4" X 7 3/4" X 2")	0.0290" AVERAGE WALL THICKNESS



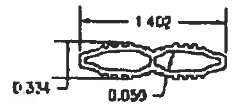
OPTIONAL SHEAR SCREW MOUNT TO BUCK
HEAD DETAIL SHOWN; OTHER JAMBS SIMILAR
SEE SECTIONS FOR DETAIL NOT SHOWN



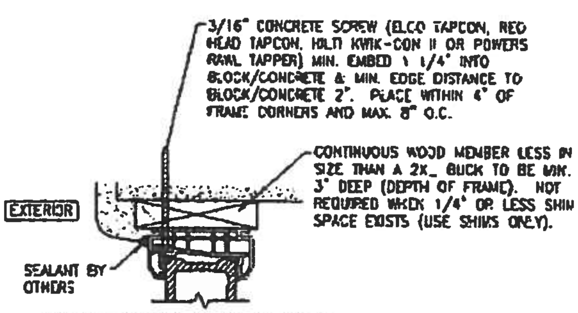
① **FRAME JAMB**
SCALE: FULL



② **GLAZING BEAD**
SCALE: FULL



③ **SPACER**
SCALE: FULL



DIRECT MOUNT DETAIL IN BLOCK
HEAD DETAIL SHOWN; OTHER JAMBS SIMILAR
SEE SECTIONS FOR DETAIL NOT SHOWN

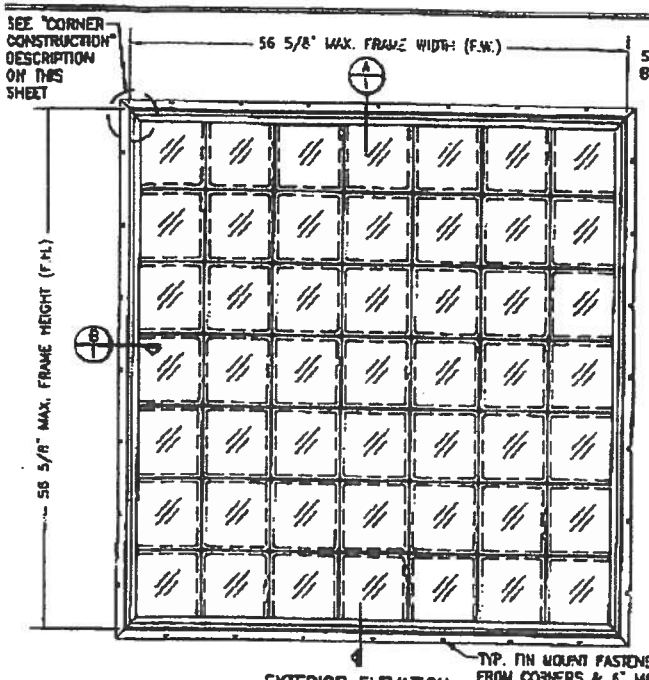
DRAWING TITLE: "LW" VINYL FRAMED NON-IMPACT GLASS BLOCK WINDOWS

MANUFACTURER: MULIA INC.
14820 CARMENITA ROAD, SUITE A
NORWALK, CA 90650
888-387-6854

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.

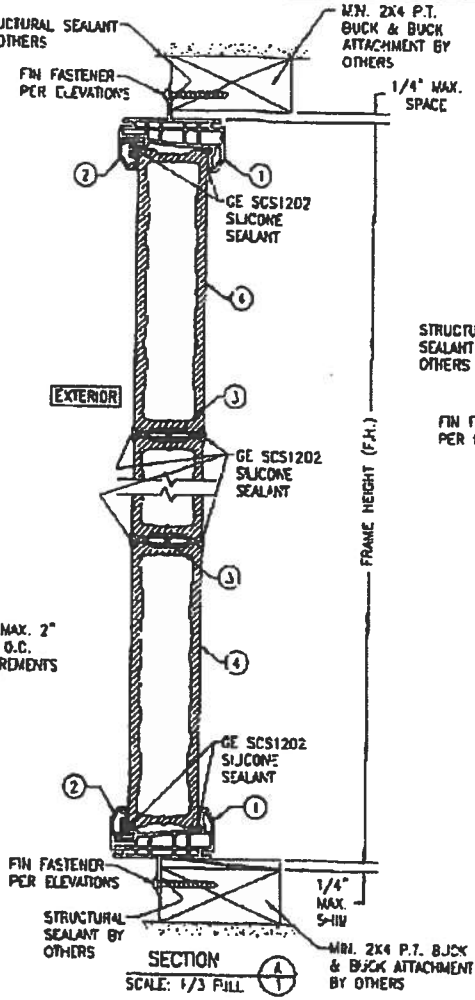
CERTIFICATION: FEB 17 2004

DRAWING NO. 1285
SHEET NO. 2 OF 2

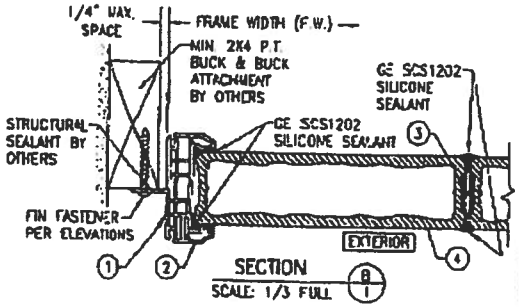


EXTERIOR ELEVATION
GLASS BLOCK WINDOW
SCALE: N.T.S.

NAIL FIN INSTALLATION SHOWN. SEE OPTIONAL DETAILS ON SHEET 2 FOR OTHER METHODS OF INSTALLATION.



SECTION
SCALE: 1/3 FULL
A 1



SECTION
SCALE: 1/3 FULL
B 1

GENERAL NOTES

1. THIS GLASS BLOCK WINDOW SYSTEM HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE" TABLE.
2. BLOCKING, OPENINGS, & BUCKING FASTENERS MUST BE PROPERLY INSTALLED TO TRANSFER LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THIS GLASS BLOCK WINDOW SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH & MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (F.B.C.)
5. THIS GLASS BLOCK WINDOW HAS BEEN TESTED IN ACCORDANCE WITH AAMA/NWWDA 101/I.S. 2-97 "VOLUNTARY SPECIFICATIONS FOR ALUMINUM, VINYL (PVC) AND WOOD WINDOWS AND GLASS DOORS" REFERENCE TEST REPORT NO'S. 03-32241.01 BY ARCHITECTURAL TESTING, INC. (ATI) AS APPLICABLE TO THESE DRAWINGS.
6. TESTS COMPLETED INCLUDE AIR INFILTRATION PER ASTM E283, WATER RESISTANCE PER ASTM E547 &/OR E331, UNIFORM LOAD STRUCTURAL PER ASTM E330 & FORCED ENTRY PER CAWM 301.
7. THIS GLASS BLOCK WINDOW SYSTEM IS NON-IMPACT RATED & MUST BE SHUTTERED WHERE REQUIRED BY CODE.
8. TO THE BEST OF OUR KNOWLEDGE, THE WINDOWS SHOWN HEREON ARE CERTIFIED AND/OR QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/QA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE STATE CODE & CHAPTER 9B-72 DEPARTMENT OF CONSUMER AFFAIRS - FLORIDA BUILDING COMMISSION SPECIFICATIONS. BY LABELING THE WINDOW, THE MANUFACTURER CERTIFIES THAT THE PRODUCT IS ASSEMBLED IN ACCORDANCE WITH THEIR RESPECTIVE QA & TESTING REPORTS.
9. THESE DRAWINGS SHOW ALL APPLICABLE ELEVATION, COMBINATION, INSTALLATION & COMPARATIVE ANALYSIS CONDITIONS AS DETERMINED THROUGH TESTING & ENGINEERING NATURAL ANALYSIS. WINDOW ASSEMBLY SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.

FRAME ANCHOR REQUIREMENTS TABLE			
FIN SCREWS			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 8 X 1 1/2" SMS SCREWS	1 3/8"	1/2"

ALLOWABLE DESIGN PRESSURE
+/-80 PSF

CORNER CONSTRUCTION
FRAME CORNERS: MITERED & FULLY WELDED

"LW" VINYL FRAMED NON-IMPACT GLASS BLOCK WINDOWS

MANUFACTURER: MULIA INC.
14820 CARMENITA ROAD, SUITE A
NORWALK, CA 90650
888-367-6854

COMPANY NAME: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.

CERTIFICATION: FEB 17 2006

DRAWING NO. 1295
SHEET NO. 1 OF 2

A · L · I

Validator / Operations Administrator

AAMA CERTIFICATION PROGRAM

AUTHORIZATION FOR PRODUCT CERTIFICATION

Mulia, Inc.
14820 Carmenita Rd., Unit A
Norwalk, CA 90650

Attn: Chuck Verdogna

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION	RECORD OF PRODUCT TESTED			LABEL ORDER NO.
AAMA/NWWDA 101/I.S. 2-97 F-LC30-57x57				
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED	
Mulia, Inc. Cikarang, Bekasi 17550 Indonesia	MUL-1	LW2-5757 GLASS BLOCK (PVC)(O)(OG) (CMBSO)	FRAME 4'9" x 4'9"	By Request

This Certification will expire July 15, 2007 and requires validation until then by continued listing in the current AAMA Certified Products Directory.

Product Tested and Reported by: Architectural Testing, Inc.

Report No.: 03-32291.01

Date of Report: July 29, 2003

NOTE: PLEASE REVIEW, AND ADVISE ALI IMMEDIATELY IF DATA, AS SHOWN, NEEDS CORRECTION.

Date: May 5, 2004

AAMA
038:1d

Validated for Certification:

[signature]

Associated Laboratories, Inc.

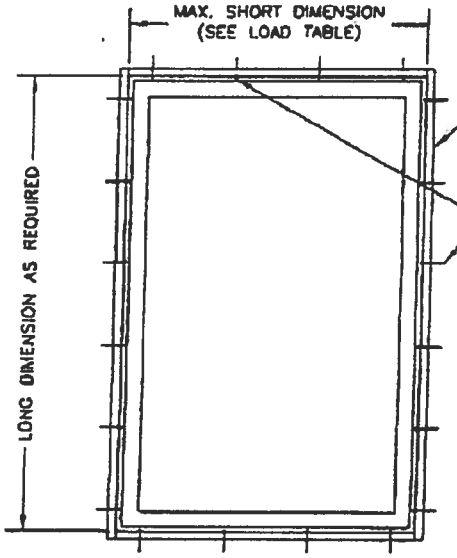
Authorized for Certification:

American Architectural Manufacturers Association

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL; SUITE C-204
PALM BEACH GARDENS, FL 33410

STANDARD BUCKING DETAILS

NOTES:
1. CONCRETE SCREWS MAY BE HARDENED STEEL OR STAINLESS STEEL ITW RAMSET REDHEAD TAPCONS. ELCO TAPCONS. POWERS RAWL TAPPERS, OR HILTI KWIK-CON II.
2. BUCKING MUST BE CONTINUOUS ALONG EACH SIDE OF OPENING.
3. CONCRETE SCREWS MUST PENETRATE THE BLOCK/CONCRETE MINIMUM 1 1/4" AND HAVE MIN BLOCK/CONCR. EDGE DISTANCE OF 1 7/8" (NOT TO INCLUDE FINISHES).
4. IF BUCKING TO WOOD FRAMING, THE CONCRETE SCREWS MAY BE USED OR SUBSTITUTED WITH NO. 10 SCREWS.
5. IF BUCK IS TO BE LESS IN THICKNESS THAN 1 1/2"; THE BUCK SHALL BE PRENAILED TO THE OPENING AS REQUIRED TO POSITION, THE FRAME SCREWS (AS SPECIFIED FOR THE WINDOW PRODUCT) SHALL BE REPLACED WITH A CONCRETE SCREW OF EQUAL OR GREATER DIAMETER AND THE FRAME SCREW MUST PENETRATE THROUGH THE BUCK INTO THE BLOCK/CONCRETE MIN. 1 1/4". IF THIS SITUATION OCCURS WHEN INSTALLING TO WOOD FRAMING, THE FRAME SCREW SHALL BE OF A LENGTH TO PENETRATE THROUGH THE BUCK AND INTO THE WOOD FRAMING MIN. 1 3/8".
6. IF THE MANUFACTURER'S SPECIFICATIONS OR ENGINEER/ARCHITECT OF RECORD CALL FOR BUCKING DIFFERENT THAN SPECIFIED HERE-IN, THE MANUFACTURER'S/ENGINEER'S SPECIFICATIONS SHALL CONTROL.
7. IF SHIM SPACING BETWEEN THE BUCK & FRAME OR FRAME & OPENING IS GREATER THAN 1/4", A WOOD SPACER MAY BE USED PROVIDING THE SPACER IS A CONTINUOUS MEMBER, THE SPACER IS OF EQUAL OR GREATER DEPTH TO THE FRAME WITH FRAME FULLY BEARING ON THE SPACER AND THE FRAME SCREWS RUN THROUGH THE SPACER AND INTO THE BUCK/OPENING THE REQUIRED EMBEDMENT.
8. IF BUCK IS A 2X6, ANCHORS MUST BE SPACED AS SHOWN BUT STAGGERED SUCH THAT THE ROWS ARE MIN. 1.5" APART.
9. IF BUCK IS A 2X8, ANCHORS MUST BE SPACED AS SHOWN BUT WITH 2 ROWS SUCH THAT EACH ROW IS MIN. 2 1/2" APART.
10. IF OPENING IS WOOD FRAME, CONCRETE SCREWS MAY BE SUBSTITUTED WITH NO. 10 SMS OR WOOD SCREWS WITH SUBSTRATE FRAMING EMBED OF MIN. 1 3/8".



SINGLE FIXED WINDOWS

(ALSO APPLICABLE FOR SINGLE CASEMENT WINDOWS & SINGLE DOORS)

BUCKED OPENING LOAD TABLE			
ANCHOR SPACING = 16" O.C.		ANCHOR SPACING = 12" O.C.	
SHORT DIMENSION	ALLOWABLE PRESSURE	SHORT DIMENSION	ALLOWABLE PRESSURE
48"	85 PSF	48"	100 PSF
54"	76 PSF	54"	100 PSF
60"	68 PSF	60"	91 PSF
66"	62 PSF	66"	82 PSF
72"	57 PSF	72"	76 PSF
75"	54 PSF	75"	73 PSF

ALL PRESSURES SHOWN ARE POSITIVE & NEGATIVE PRESSURES AND MAY NOT BE INTERPOLATED.

MAY 1 1 2004

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

THIS DOCUMENT SHALL NOT BE ACCEPTABLE FOR USE WITHOUT THE ORIGINAL SIGNATURE & SEAL OF WARREN W. SCHAEFER, P.E.

DRAWING #1001-A
SHEET 1 OF 1

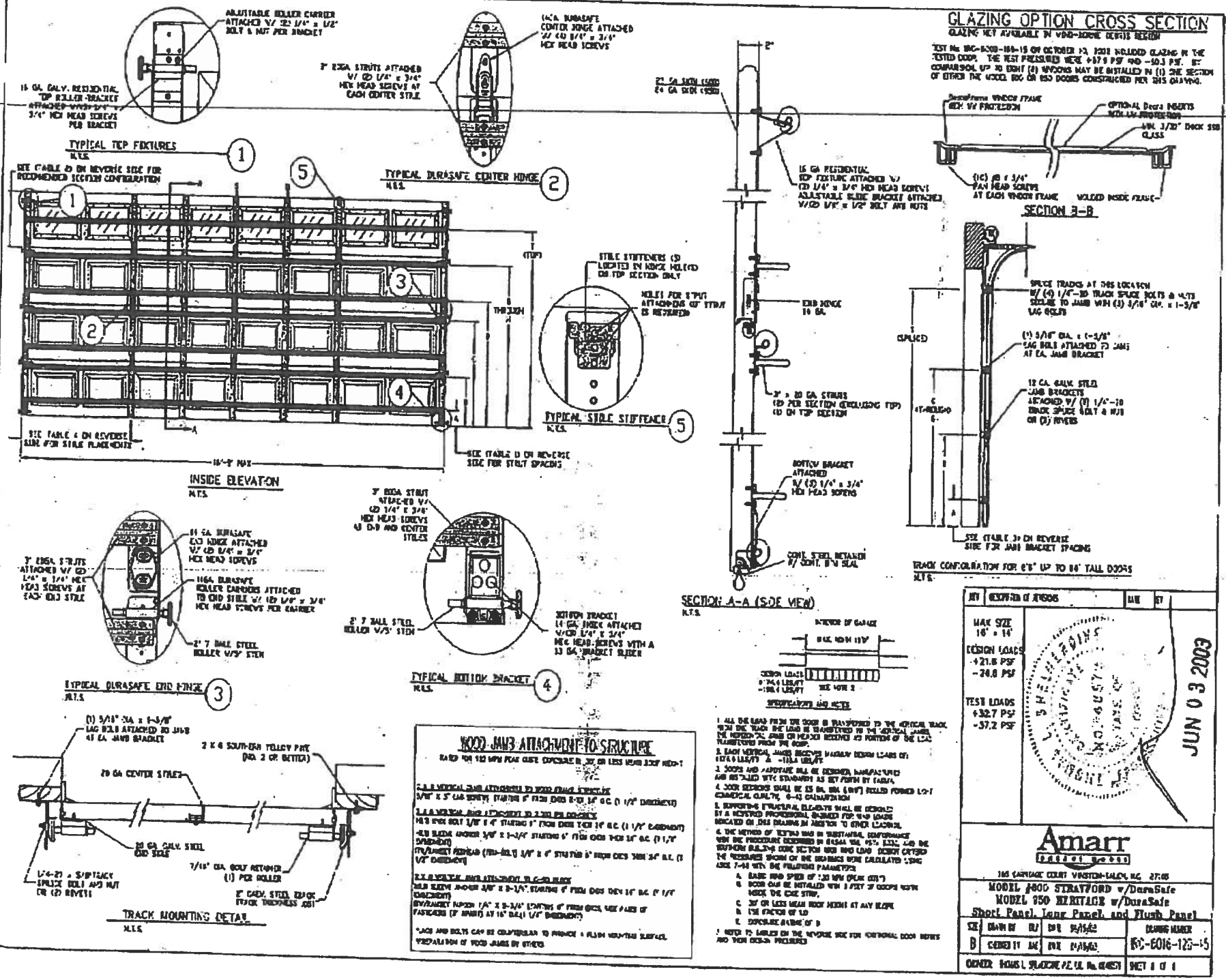

GLAZING OPTION CROSS SECTION
TYPICAL TOP FIXTURES
TYPICAL DURASAFE CENTER HINGE
TYPICAL STILE STIFFENER
INSIDE ELEVATION
SECTION B-B
SECTION A-A (SIDE VIEW)
TYPICAL DURASAFE END HINGE
TYPICAL BOTTOM BRACKET
TRACK MOUNTING DETAIL
TRACK CONFIGURATION FOR 8'0" UP TO 16' TALL DOORS
WOOD JAMB ATTACHMENT TO STRUCTURE
MODEL #800 STRATFORD w/DuraSafe
MODEL 950 HERITAGE w/DuraSafe
Short Panel, Tall Panel and Flush Panel
Amarr
JUN 0 3 2003

TABLE 1

DOOR HEIGHT	STRUT SPACING BASED ON PECIFIED SECTION CONFIGURATION															TOP
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	T	
6'6"	5 1/2"	19 1/2"	25 1/2"	35 1/4"	43 1/2"	54 1/4"										67 1/2"
7'0"	5 1/2"	19 1/2"	25 1/2"	35 1/4"	45 1/2"	56 1/4"										72 1/2"
7'6"	5 1/2"	19 1/2"	22 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	56 1/4"								77 1/2"
8'0"	5 1/2"	19 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"								85 1/2"
8'6"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	56 1/4"	63 1/2"	76 1/4"								91 1/2"
9'0"	5 1/2"	19 1/4"	22 1/2"	35 1/4"	40 1/2"	51 1/4"	58 1/2"	76 1/4"	65 1/4"							98"
9'6"	5 1/2"	19 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	69 1/4"						105 1/2"
10'0"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	57 1/2"	78 1/4"	85 1/2"	95 1/4"							109 1/2"
10'6"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	60 1/4"	71 1/4"	89 1/2"	102 1/4"							115 1/2"
11'0"	5 1/2"	19 1/4"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	89 1/4"	99 1/2"	109 1/4"				121 1/2"
11'6"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	95 1/4"	105 1/2"	114 1/4"				127 1/2"
12'0"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	60 1/4"	67 1/2"	81 1/4"	89 1/2"	102 1/4"	109 1/2"	120 1/4"				135 1/2"
12'6"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	95 1/4"	105 1/2"	114 1/4"	121 1/2"	132 1/4"		145 1/2"
13'0"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	95 1/4"	105 1/2"	114 1/4"	121 1/2"	132 1/4"		145 1/2"
13'6"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	60 1/4"	67 1/2"	81 1/4"	85 1/2"	95 1/4"	102 1/2"	109 1/2"	120 1/2"	132 1/4"	139 1/2"	157 1/2"
14'0"	5 1/2"	19 1/4"	25 1/2"	39 1/4"	45 1/2"	60 1/4"	67 1/2"	81 1/4"	85 1/2"	95 1/4"	102 1/2"	109 1/2"	123 1/2"	132 1/4"	139 1/2"	157 1/2"

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	#1	#2	#3	#4	#5	#6	#7	#8
6'6"	21"	21"	21"	21"	21"	21"	21"	
7'0"	21"	21"	21"	21"	21"	19"	18"	21"
7'6"	21"	21"	21"	21"	21"	21"	21"	21"
8'0"	21"	18"	19"	19"	18"	18"	19"	21"
8'6"	21"	21"	21"	21"	21"	21"	21"	21"
9'0"	21"	21"	21"	21"	19"	18"	18"	21"
9'6"	21"	19"	19"	19"	19"	19"	19"	21"
10'0"	21"	21"	21"	21"	21"	21"	21"	
10'6"	21"	21"	21"	21"	21"	21"	21"	
11'0"	21"	21"	21"	21"	21"	21"	21"	
11'6"	21"	21"	21"	21"	21"	21"	21"	
12'0"	21"	21"	21"	21"	21"	21"	21"	
12'6"	21"	21"	21"	21"	21"	21"	21"	
13'0"	21"	21"	21"	21"	21"	21"	21"	
13'6"	21"	21"	21"	21"	21"	21"	21"	
14'0"	21"	21"	21"	21"	21"	21"	21"	

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE
	A	B	C	D	E	F	G	S
7'	10"	38"	56"					75"
8'	10"	34"	58"	82"				83"
9'	17"	34"	58"	82"				100"
10'	10"	34"	58"	82"	105"			112"
11'	10"	34"	58"	82"	106"			124"
12'	10"	34"	58"	82"	106"	130"		136"
13'	10"	34"	58"	82"	106"	130"		148"
14'	17"	34"	58"	82"	106"	130"	154"	160"

TABLE 4

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge) 1st (in)	2nd (in)	3rd (in)	4th (in)	5th (in)
10' 0"	Short	48.436	70.594			
10' 0	Long	30.000	60.000	90.000		
12' 0	Short	48.812	72.000	96.594		
12' 0	Long	49.625	72.000	94.375		
12' 2	Short	49.836	73.000	96.594		
12' 2	Long	50.084	73.000	95.515		
12' 4	Short	50.636	74.000	97.344		
12' 4	Long	51.084	74.000	96.916		
12' 6	Short	50.670	75.000	99.000		
12' 6	Long	51.170	75.000	98.830		
12' 8	Short	51.570	76.000	100.344		
12' 8	Long	52.100	76.000	99.900		
12' 10	Short	52.250	77.000	101.750		
12' 10	Long	53.100	77.000	100.900		
13' 0	Short	53.000	78.000	103.000		
13' 0	Long	54.100	78.000	101.900		
13' 2	Short	54.000	79.000	104.000		
13' 2	Long	55.100	79.000	102.900		
13' 4	Short	54.400	80.000	105.600		
13' 4	Long	54.900	80.000	105.100		
13' 6	Short	55.400	81.000	106.600		
13' 6	Long	55.900	81.000	106.100		
13' 8	Short	55.400	82.000	107.600		
13' 8	Long	56.525	82.000	107.375		
13' 10	Short	57.163	82.934	106.837		
13' 10	Long	57.170	83.000	108.830		
14' 0	Short	57.163	83.938	109.837		
14' 0	Long	56.625	84.000	109.375		
14' 2	Short	58.846	84.938	110.837		
14' 2	Long	59.170	85.000	110.830		
14' 4	Short	59.163	85.938	112.837		
14' 4	Long	60.170	86.000	111.830		
14' 6	Short	59.863	86.938	113.837		
14' 6	Long	61.170	87.000	112.8300		
14' 8	Short	60.563	87.938	114.837		
14' 8	Long	44.812	*66.406	88.000	*109.594	131.188
14' 10	Short	61.265	88.938	115.837		
14' 10	Long	45.600	*67.300	89.000	*110.700	132.400
15' 0	Short	61.938	89.938	116.837		
15' 0	Long	46.500	*68.300	90.000	*111.700	133.400
15' 2	Short	62.638	90.938	117.837		
15' 2	Long	47.600	*69.300	91.000	*112.700	134.400
15' 4	Short	63.400	91.938	118.837		
15' 4	Long	47.250	*69.525	92.000	*114.375	136.750
15' 6	Short	63.824	92.938	119.837		
15' 6	Long	47.600	*70.300	93.000	*115.700	138.400
15' 8	Short	47.624	*70.312	93.000	*115.688	140.376
15' 8	Long	48.600	*71.300	94.000	*116.700	139.400
15' 10	Short	48.624	*72.312	95.000	*116.688	141.376
15' 10	Long	49.167	*72.084	95.000	*117.917	140.833
16' 0	Short	49.624	*72.312	96.0001	*117.688	142.376
16' 0	Long	50.600	*73.300	95.000	*118.700	141.400

* Stiles do not need to be hinged

TABLE 5

Section Width (ft)	Panel Type	Max Design Loads Allowed Positive (PSF)	Negative (PSF)
10' 0	Short	29.4	33.1
10' 0	Long	34.7	39.5
12' 0	Short	28.0	31.9
12' 0	Long	28.9	32.9
12' 2	Short	28.0	32.5
12' 2	Long	28.5	32.5
12' 4	Short	28.1	32.2
12' 4	Long	28.1	32.0
12' 6	Short	27.8	31.8
12' 6	Long	27.8	31.6
12' 8	Short	27.4	31.4
12' 8	Long	27.4	31.2
12' 10	Short	27.2	31.0
12' 10	Long	27.0	30.8
13' 0	Short	26.9	30.6
13' 0	Long	26.7	30.4
13' 2	Short	26.7	30.4
13' 2	Long	26.4	30.0
13' 4	Short	26.4	30.0
13' 4	Long	26.0	29.6
13' 6	Short	26.2	29.8
13' 6	Long	25.7	29.2
13' 8	Short	25.9	29.4
13' 8	Long	25.4	28.9
13' 10	Short	25.7	29.2
13' 10	Long	25.1	28.5
14' 0	Short	25.4	28.8
14' 0	Long	24.8	28.2
14' 2	Short	25.1	28.5
14' 2	Long	24.5	27.9
14' 4	Short	24.8	28.2
14' 4	Long	24.2	27.5
14' 6	Short	24.5	27.9
14' 6	Long	23.9	27.2
14' 8	Short	24.2	27.6
14' 8	Long	23.7	26.9
14' 10	Short	23.9	27.3
14' 10	Long	23.4	26.6
15' 0	Short	23.6	27.0
15' 0	Long	23.1	26.3
15' 2	Short	23.3	26.7
15' 2	Long	22.9	26.0
15' 4	Short	23.0	26.4
15' 4	Long	22.6	25.7
15' 6	Short	22.7	26.1
15' 6	Long	22.4	25.5
15' 8	Short	22.5	25.8
15' 8	Long	22.2	25.2
15' 10	Short	22.3	25.6
15' 10	Long	21.9	24.9
16' 0	Short	22.0	25.3
16' 0	Long	21.8	24.8

LX01

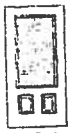
OXO
Glazed Inswing Unit

COP-WL-JH4144-02

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 Balthazor

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.etisemko.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.

PREMDOR Collection Premium Quality Doors

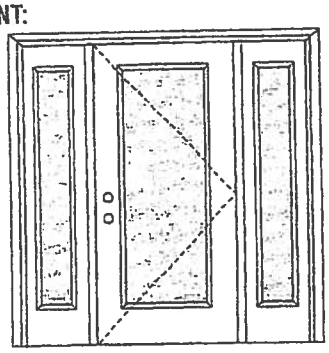
Exclusively from Masonite®
Masonite International Corporation

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.

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.etlsemko.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

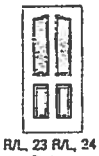
1/2 GLASS:

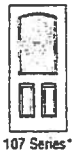

105 Series*

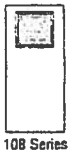

106, 160 Series*


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.

Johnson™ EntrySystems

June 17, 2002
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PREMDOOR Collection Premium Quality Doors

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).

Kurt L Balthazor

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.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson™ EntrySystems

June 17, 2002
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PREMDOR Collection Premium Quality Doors

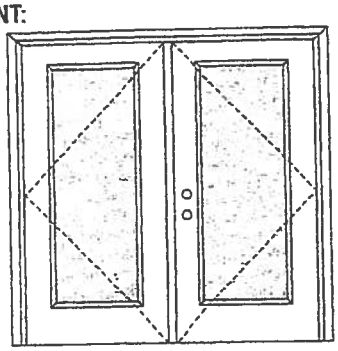
Exclusively from Masonite®
Masonite International Corporation

XX
Glazed Inswing Unit

COP-WL-JH4142-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

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.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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-MA0002-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

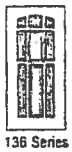
Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

APPROVED DOOR STYLES:

1/4 GLASS:


100 Series


133, 135 Series

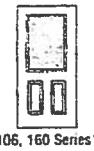

136 Series


680 Series

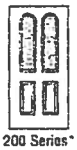

822 Series

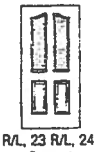
1/2 GLASS:


105 Series*

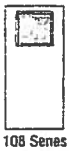

106, 160 Series*


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™ EntrySystems

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

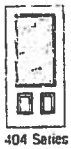
PREMDOOR Collection Premium Quality Doors

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).

Kurt L Balthazor

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.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson™ EntrySystems

June 17, 2002
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PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

ASTM HERITAGE 30 AR®

PRODUCT DATA

LAMINATED ASPHALT SHINGLES

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

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

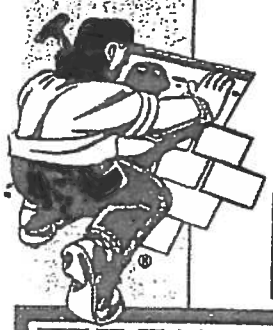
ASTM D 3018, Type I
ASTM E 108, Class A
ASTM D 3161 Type I (modified to 110 mph)
ASTM D 3462

COLORS

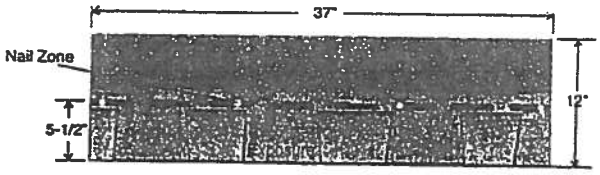
Classic Heritage Colors:

- 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

Visit our Web Site at www.tamko.com

01/2002

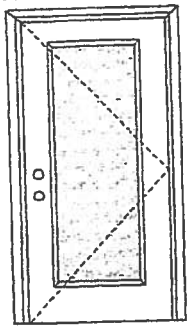
Central District	220 West 4th St., Joplin, MO	64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD	21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL	35401	800-228-2656
Southwest District	7910 S. Central Exp., Dallas, TX	75216	800-443-1834
Western District	5300 East 43rd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

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".

Warnock Hersey

Test Data Review Certificate #3025447A and COP/Test Report Validation Matrix #3025447A-001 provides additional information - available from the ITS/WH website (www.etisemko.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

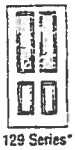

680 Series


822 Series

1/2 GLASS:


105 Series*


106, 160 Series*


129 Series*


200 Series*

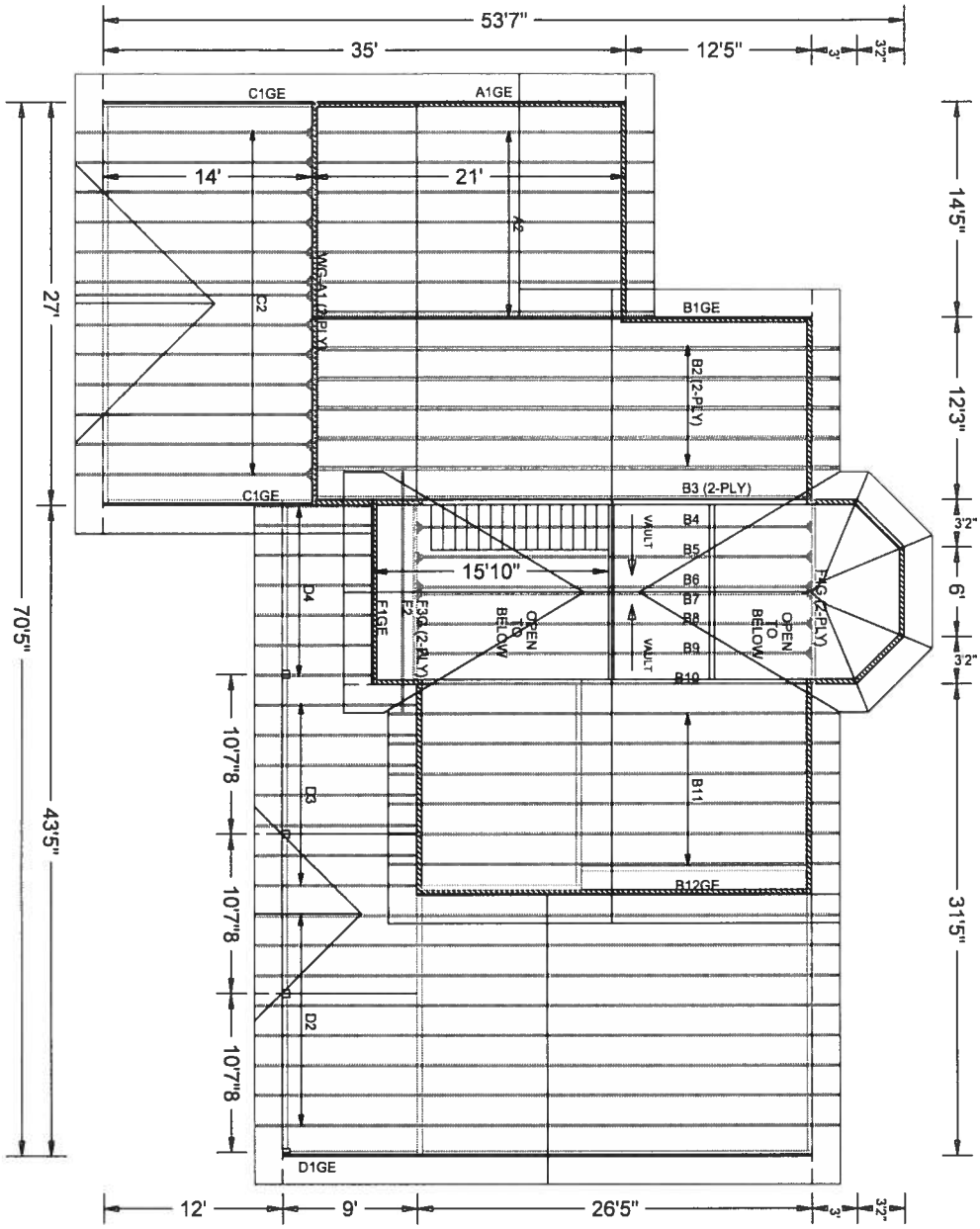

12 R/L, 23 R/L, 24 R/L Series*


107 Series*


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.



W.B. Howland Truss Co.
P.O. Box 700
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (fax)

ROOF PITCH:	6/12 & 10/12
CLG PITCH:	7/12
OVERHANG:	1'-10 1/2"
LOADING:	40 PSF T.L./SHINGLE
WIND LOAD:	110 MPH/ENCLOSED BLDG.
EXT WALLS:	2x4 FRAMING
DATE:	12-8-05

NOTES:

ALL GABLE END TRUSSES HAVE A DROPPED TOP CHORD FOR 2x4 OUTLOOKERS

FRONT GABLES TO BE CONV. FRAMED

ALL GABLE END TRUSSES HAVE VERT WEBS SPACED @ 16" O.C.

Job Name: Angel Gomez Residence
Customer: EDGELY CONSTRUCTION
Designer: Chris McCall

JOB NO: 3010

PAGE NO: 1 OF 1

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. 24226

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109473 Company Phone No. 386-755-3511
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Edgely Tony Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 102 S.W Orange blossom Pt Lake City FL

Type of Construction (More than one box may be checked) ☐ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 12 Inside 24 Type of Fill Rock

Section 4: Treatment Information

Date(s) of Treatment(s) 4-27-06
Brand Name of Product(s) Used Dursban T.C
EPA Registration No. 53883-92
Approximate Final Mix Solution % 0.25 %
Approximate Size of Treatment Area: Sq. ft. 1706 Linear ft. 246 Linear ft. of Masonry Voids 246
Approximate Total Gallons of Solution Applied 524
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

Name of Applicator(s) Steve Brannen Certification No. (if required by State law) JF104376

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 Steve Brannen Date 4-29-06

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)

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 12-4S-16-02941-123 **Building permit No.** 000024226

Use Classification SFD,UTILITY **Fire:** 33.48

Permit Holder EDGLEY CONSTRUCTION **Waste:** 100.50

Owner of Building ANGEL & IRENE GOMEZ **Total:** 133.98

Location: 102 SW ORANGE BLOSSOM COURT, LAKE CITY, FL

Date: 04/23/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)