Columbia County Building Permit Application

For Office Use Only Application # 0709-79 Date Received 9/27/07 By LH Permit # 26308

Application Approved by - Zoning Official BLK Date 02.10.07 Plans Examiner OK JTH Date 10-1-07

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

Comments Elevation determination letter enclosed

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

Fax 386-752-4904

Name Authorized Person Signing Permit KIMMY EDGLEY Phone 386-752-0580

Address 590 SW ARLINGTON BLVD SUITE 113 LAKE CITY FL 32025

Owners Name DALE, KATHY, HOWARD PEELER Phone 386-752-0580

911 Address 452 SW COUNTY RD 242, LAKE CITY FL 32024

Contractors Name EDGLEY CONSTRUCTION CO. Phone 386-752-0580

Address 590 SW ARLINGTON BLVD SUITE 113 LAKE CITY FL 32025

Fee Simple Owner Name & Address

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK DISOSWAY, P.E., P.O. BOX 868 LAKE CITY FL 32056

Mortgage Lenders Name & Address N/A

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

Property ID Number 25-4S-16-03167-002 Estimated Cost of Construction 163,000.00

Subdivision Name PLANTATION ESTATES Lot 2 Block B Unit ____ Phase ____

Driving Directions S ON MAIN BLVD, TR ON 47, TR ON 242, LOT ON LEFT

Type of Construction RESIDENTIAL HOME Number of Existing Dwellings on Property N/A

Total Acreage .50 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 30' Side 47'8" Side 27'8" Rear 75'8"

Total Building Height 19'1" Number of Stories 1 Heated Floor Area 1856 Roof Pitch 6/12

TOTAL 2749

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

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

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF 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

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number RR282811326

Competency Card Number 5878

NOTARY STAMP/SEAL

JAN CLARK
MY COMMISSION # DD 634946
EXPIRES: March 28, 2011
Bonded Thru Budget Notary Services

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 26th day of SEPT 2007.

Personally known ✓ or Produced Identification ____

Jan Clark

Notary Signature

(Revised Sept. 2006)

Called 10-3-07 ...

0709-79

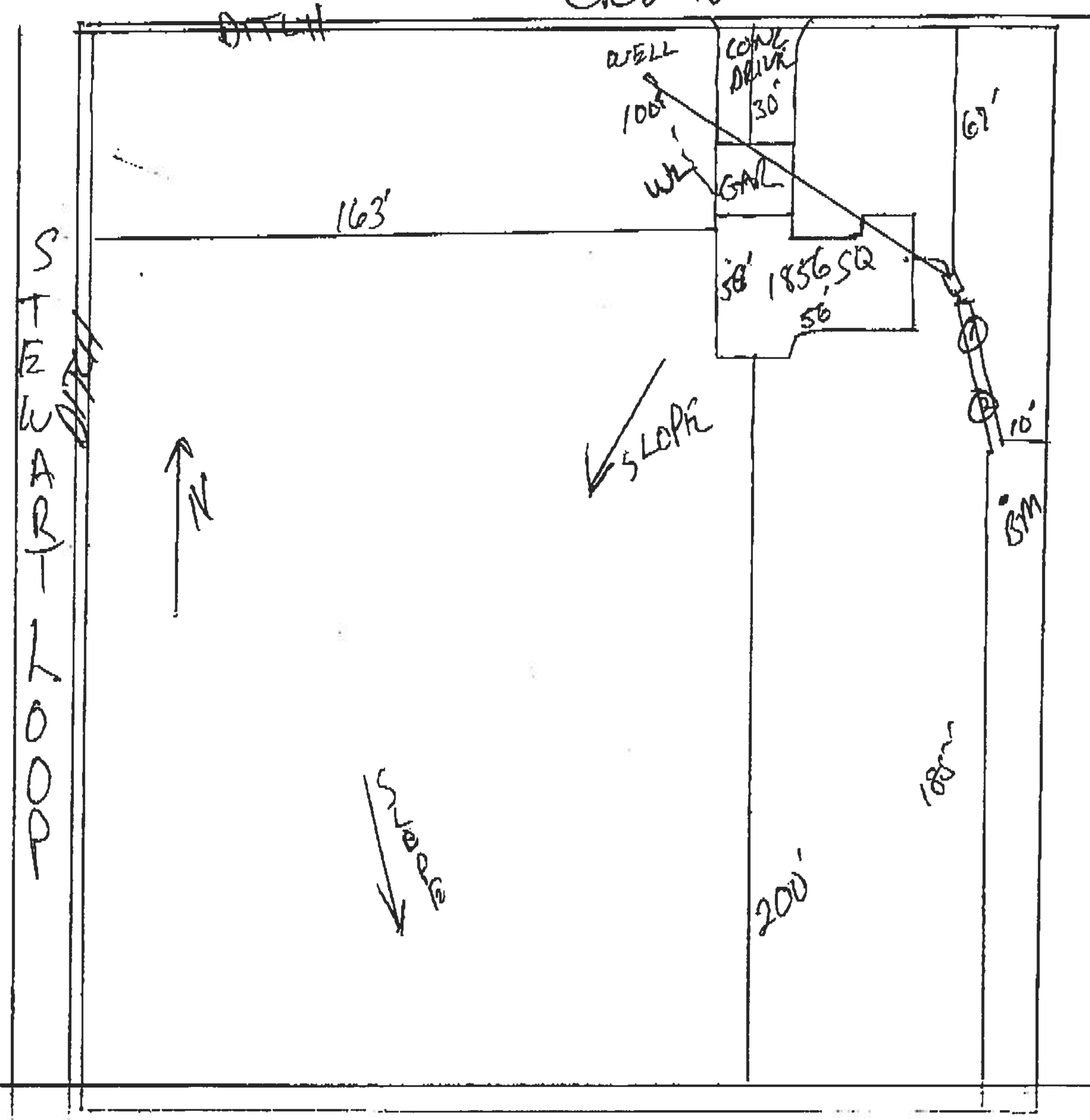
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-00070 N

Proler

PART II - SITEPLAN CR 242

Scale: 1 inch = 50 feet.



Notes:

Site Plan submitted by: MASTER CONTRACTOR

Plan Approved ✓ Not Approved ____ Date 10/1/07

By ____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

GTC DESIGN GROUP

GTC Design Group, LLC
176 NW Lake Jeffery Road
Lake City, FL 32643
(Phone) 386.719.9985
(Fax) 386.719.8828
cwilliams@gtcdesigngroup.com

Finish Floor Elevation Certification

Owner: **Mr. Dale Peeler**
6139 SW SR 47
Lake City, FL 32024

Parcel Number: **25-4S-16-03167-002**

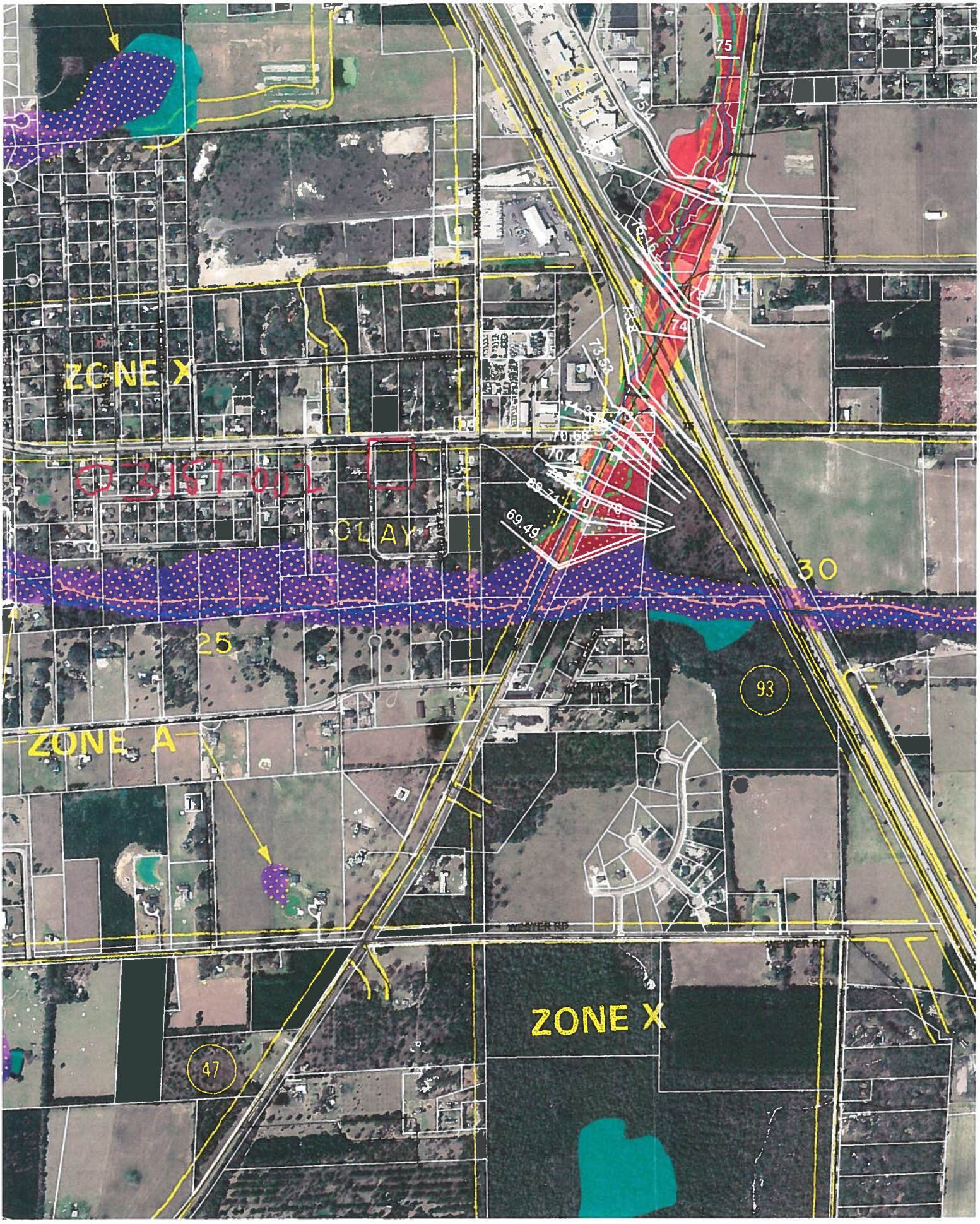
Requirements:

For protection against water damage, the minimum finish floor elevation of the proposed structure shall be 20 inches above the existing ground at any point along the perimeter of the proposed structure. In no case shall the finish floor elevation be lower than the centerline of the adjacent roadway.

The ground around the proposed structure shall be graded such as to convey all stormwater runoff away from the proposed structure.

9/25/07

Chad Williams
P.E. License Number: 63144
September 25, 2007

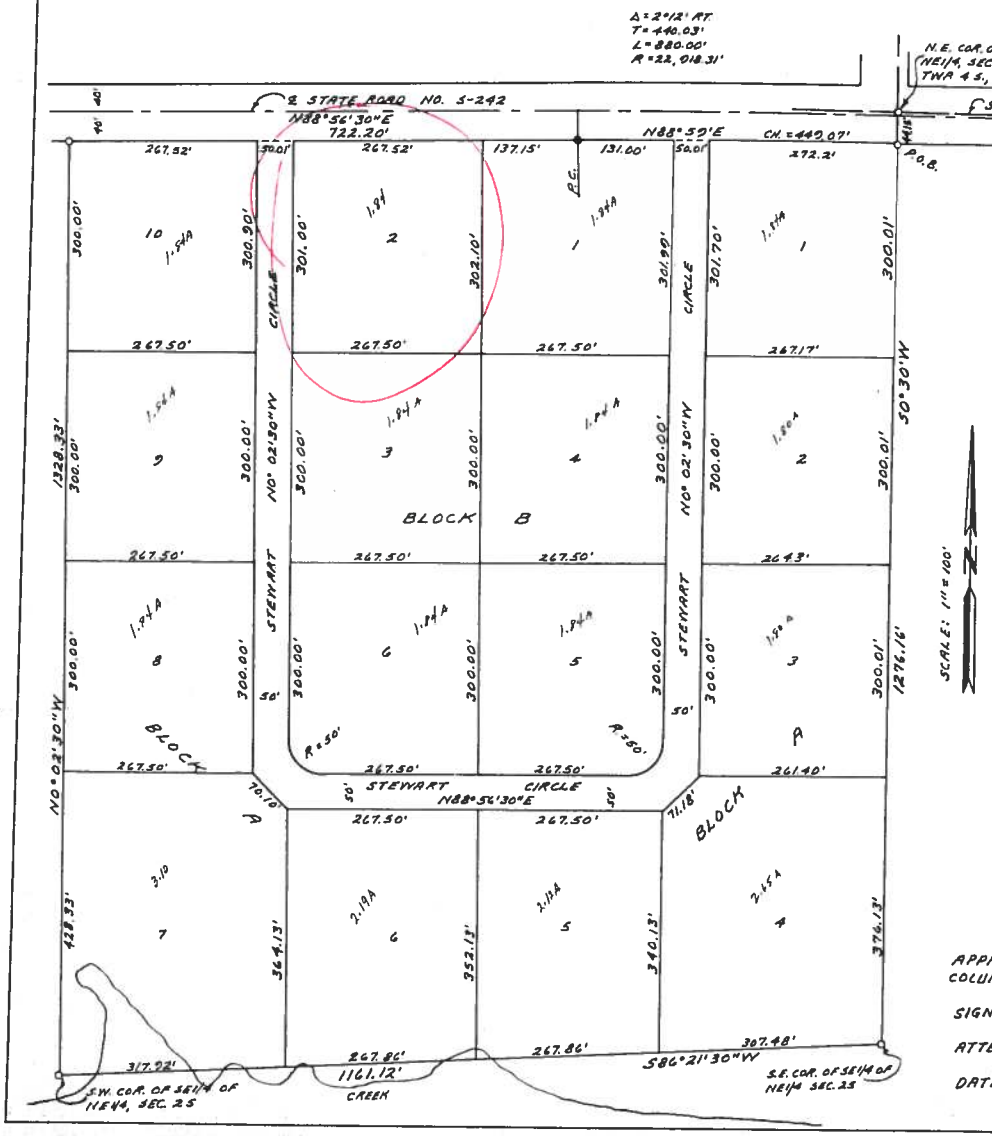

ZONE X
CLAY
75
74
73.93
70.4
69.49
30
25
93
ZONE A
WEBER RD
ZONE X
47

3-77

RECORDED IN PLAT BOOK 3, PAGE 77

PLANTATION ESTATES

A SUBDIVISION OF A PART OF THE E1/2 OF THE NE1/4, SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA



DESCRIPTION:

THE E1/2 OF THE NE1/4, SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST, AS LIES SOUTH OF STATE ROAD NO. S-242, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF THE SE1/4 OF THE NE1/4 SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST, AND RUN THENCE, S0°30'W, ALONG THE EAST LINE OF SAID SECTION 25, 44.15 FEET, TO THE SOUTH LINE OF STATE ROAD NO. S-242, FOR A POINT OF BEGINNING, THENCE CONTINUE S0°30'W, ALONG SAID EAST LINE OF SECTION 25, 1276.16 FEET, TO THE SOUTHEAST CORNER OF SAID SE1/4 OF NE1/4, THENCE RUN S86°21'30"W, ALONG THE SOUTH LINE OF SAID SE1/4 OF NE1/4, 1161.12 FEET, TO THE SOUTHWEST CORNER OF SAID SE1/4 OFNE1/4, THENCE RUN N0°02'30"W, ALONG SAID WEST LINE OF SE1/4 OFNE1/4 1328.33 FEET, TO SAID SOUTH LINE OF STATE ROAD NO. S-242, THENCE RUN N88°56'30"E, ALONG SAID SOUTH LINE OF STATE ROAD NO. S-242, 722.20 FEET, TO A POINT OF CURVE, THENCE RUN ON A CHORD BEARING OF N88°59'E, A CHORD DISTANCE OF 449.07 FEET, TO THE POINT OF BEGINNING. SAID LAND LYING IN THE E1/2 OF THE NE1/4, SECTION 25 TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, AND CONTAINING 34.85 ACRES MORE OR LESS.

DEDICATION:

KNOW ALL MEN BY THESE PRESENT THAT DONNIE BURNETT, A WIDOW, HAS CAUSED THE LANDS HEREON DESCRIBED TO BE SURVEYED, LAIDOUT, SUBDIVIDED AND PLATTED, TO BE KNOWN AS "PLANTATION ESTATES" AND DEDICATE TO THE USE OF THE PUBLIC THE STREETS SHOWN HEREON.

WITNESS Cecil D Powers

WITNESS Robert P. Ridgdill Jr

SIGNED Donnie Burnett

ACKNOWLEDGEMENT:
STATE OF FLORIDA:
COUNTY OF COLUMBIA:

ON THIS 18th DAY OF July 1966, PERSONALLY APPEARED BEFORE ME DONNIE BURNETT, A WIDOW, TO ME WELL KNOWN AND KNOWN TO ME TO BE THE PERSON DESCRIBED IN AND WHO EXECUTED THE FOREGOING DEDICATION FOR THE PURPOSES THEREIN EXPRESSED.
WITNESS MY HAND AND OFFICIAL SEAL AT Lake City STATE OF FLORIDA THIS 18th DAY OF July 1966.

SIGNED Charles E. Stewart
NOTARY PUBLIC, MY COMMISSION EXPIRES Nov 29 th 1968

SURVEYORS CERTIFICATE:

I HEREBY CERTIFY THAT I AMA DULY QUALIFIED LAND SURVEYOR AND THAT THE LAND HEREON DESCRIBED HAS BEEN SURVEYED, LAIDOUT, SUBDIVIDED, AND PLATTED AS SHOWN ON THIS PLAT UNDER MY DIRECTION AND P.R.M.'S HAVE BEEN SET.

SIGNED B G Moore
B. G. MOORE, LAND SURVEYOR
FLA. CERT. NO. 439

APPROVED BY BOARD OF COUNTY COMMISSIONERS COLUMBIA COUNTY, FLORIDA

SIGNED Robert W Capell, CHAIRMAN

ATTEST D W Roberts, CLERK

DATE August 2, 1966

Inst:2005005165 Date:03/04/2005 Time:13:38
Doc Stamp-Deed : 56.00
DC,P.DeWitt Cason,Columbia County B:1039 P:2116

This Instrument Prepared by & return to:
Name: *NANCY AMY MURPHY, an employee of TITLE OFFICES, LLC*
Address: *1089 SW MAIN BLVD. LAKE CITY, FLORIDA 32025*
File No. 05Y-02085NM

Parcel I.D. #: *03167-002*

SPACE ABOVE THIS LINE FOR PROCESSING DATA | *SPACE ABOVE THIS LINE FOR RECORDING DATA*

THIS WARRANTY DEED *Made the 2nd day of March, A.D. 2005, by* ***WALTER L. ROGERS, AS PERSONAL REPRESENTATIVE OF THE ESTATE OF FRANCIS J. EDMOND,*** *hereinafter called the grantor, to* ***WALTER DALE PEELER*** *and* ***KATHRYN ELIZABETH PEELER,*** *HIS WIFE, whose post office address is* ***6139 SW SR 47, LAKE CITY, FL 32024,*** *hereinafter called the grantees:*

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

Witnesseth: *That the grantor, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in* ***Columbia County, State of FLORIDA,*** *viz:*

Lot 2, Block B, PLANTATION ESTATES, according to the map or plat thereof as recorded in Plat Book 3, Page 77, of the Public Records of Columbia County, FLORIDA.

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

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

And *the grantor hereby covenants with said grantees that he is lawfully seized of said land in fee simple; that he has good right and lawful authority to sell and convey said land, and hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.*

In Witness Whereof, *the said grantor has signed and sealed these presents, the day and year first above written.*

Signed, sealed and delivered in the presence of:

Witness Signature
Bonita Hadwin
Printed Name

Witness Signature
Regina Simpkins
Printed Name

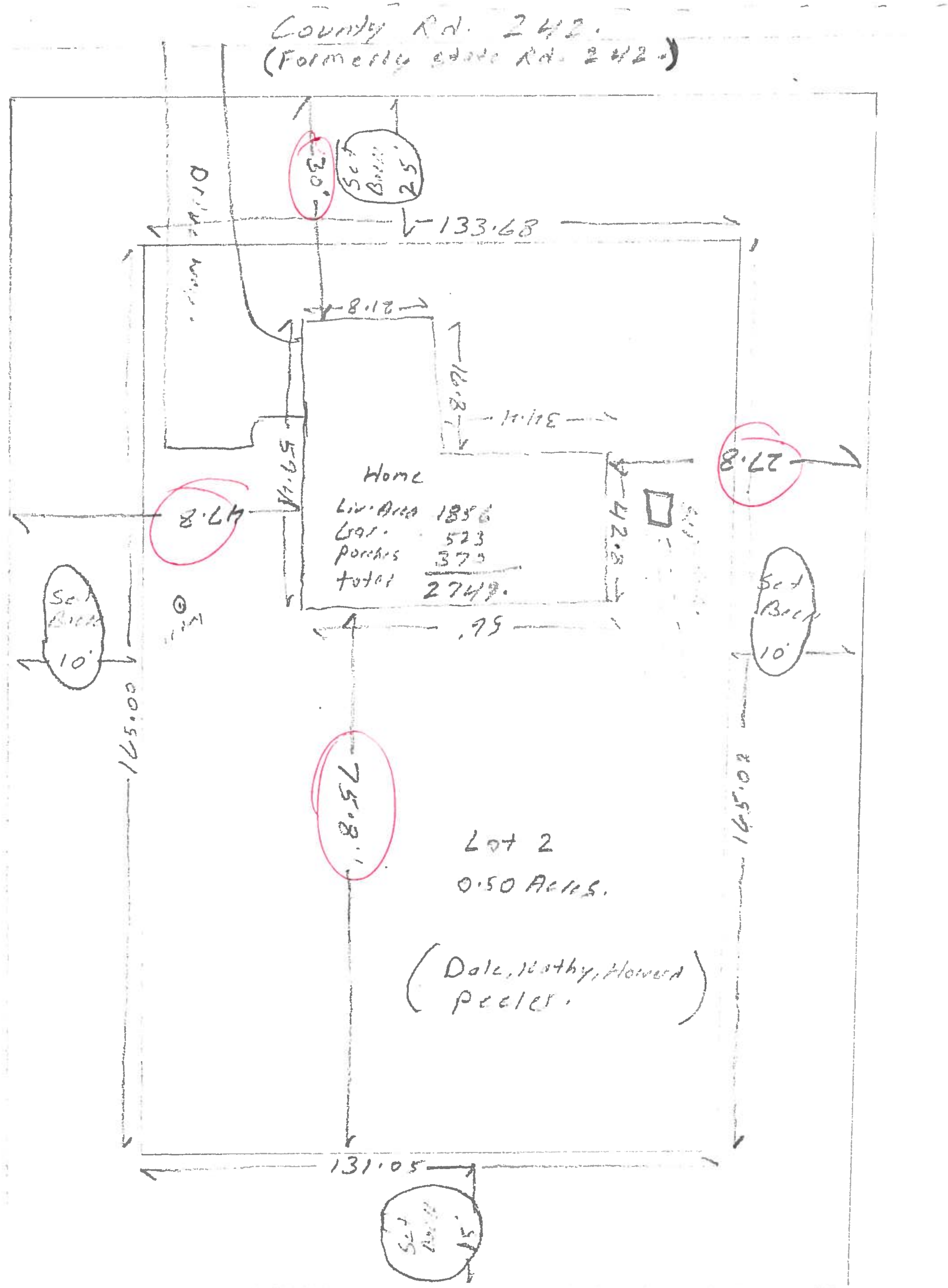
Walter L Rogers L.S.
WALTER L. ROGERS, AS PERSONAL REPRESENTATIVE OF THE ESTATE OF FRANCIS J. EDMOND
Address:
9940 NW LAKE JEFFERY ROAD, LAKE CITY, FL 32055

STATE OF FLORIDA
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 2nd day of March, 2005, by ***WALTER L. ROGERS, AS PER SONAL REPRESENTATIVE OF THE ESTATE OF FRANCIS J. EDMOND,*** *who is known to me or who has produced* Pers Known *as identification.*

Bonita Hadwin
MY COMMISSION # DD256004 EXPIRES
June 10, 2007
BONDED THRU TROY FAIN INSURANCE INC

Notary Public
My commission expires _____


County Rd. 242.
(Formerly State Rd. 242.)
133.68
30'
8.12
27.8
47.8
Home
Liv. Area 1856
Gar. 523
total 2749.
Set Back 10'
165.00
75.8
Lot 2
0.50 Acres.
(Dale, Kathy, Howard Peeler.)
131.05
165.02

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 9/25/2007 **DATE ISSUED:** 9/26/2007

ENHANCED 9-1-1 ADDRESS:

452 SW COUNTY ROAD 242

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

25-4S-16-03167-002

Remarks:

LOT 2 BLOCK B PLANTATION

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

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

971

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

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

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity 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

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Thank you,

Donald D. Hall
DDH/jk

FORM 600A-2004 EnergyGauge® 4.1

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**709181EdgleyConstruction**	Builder:	Edgley
Address:	**CR 242**	Permitting Office:	Columbia
City, State:	**Lake City, FL 32025-**	Permit Number:	26308
Owner:	**Peeler, Dale, Kathy, & Howard Residence**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1856 ft²		
7. Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 211.3 ft²	a. Electric Heat Pump	Cap: 34.0 kBtu/hr HSPF: 7.90
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 211.3 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 182.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons EF: 0.93
c. N/A		b. N/A	
9. Wall types		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
a. Frame, Wood, Exterior	R=13.0, 1036.7 ft²	15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. Frame, Wood, Adjacent	R=13.0, 148.0 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1958.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 176.0 ft		
b. N/A			

Glass/Floor Area: 0.11 Total as-built points: 23703 Total base points: 26660 **PASS**

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

PREPARED BY: _____

DATE: 9-19-07

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: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **CR 242, Lake City, FL, 32025-** 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	1856.0	20.04	6695.0	Double, Clear	SW	8.0	5.5	20.0	40.16	0.43	344.5	
				Double, Clear	SW	8.0	5.5	30.0	40.16	0.43	516.7	
				Double, Clear	S	8.0	5.5	20.0	35.87	0.48	341.6	
				Double, Clear	SW	1.5	5.5	60.0	40.16	0.86	2079.6	
				Double, Clear	NW	1.5	1.5	4.0	25.97	0.64	66.3	
				Double, Clear	NE	7.0	5.5	30.0	29.56	0.54	475.3	
				Double, Clear	NE	7.0	7.3	13.3	29.56	0.60	233.9	
				Double, Clear	NE	1.5	5.5	30.0	29.56	0.91	802.9	
				Double, Clear	SE	1.5	1.5	4.0	42.75	0.49	84.6	
				As-Built Total:				**211.3**			**4945.5**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	148.0	0.70	103.6	Frame, Wood, Exterior			13.0	1036.7	1.50		1555.0	
Exterior	1036.7	1.70	1762.4	Frame, Wood, Adjacent			13.0	148.0	0.60		88.8	
Base Total:	**1184.7**		**1866.0**	**As-Built Total:**				**1184.7**			**1643.8**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	20.0	1.60	32.0	Exterior Insulated				20.0	4.10		82.0	
Exterior	40.0	4.10	164.0	Exterior Insulated				20.0	4.10		82.0	
				Adjacent Insulated				20.0	1.60		32.0	
Base Total:	**60.0**		**196.0**	**As-Built Total:**				**60.0**			**196.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1856.0	1.73	3210.9	Under Attic			30.0	1958.0	1.73 X 1.00		3387.3	
Base Total:	**1856.0**		**3210.9**	**As-Built Total:**				**1958.0**			**3387.3**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	182.0(p)	-37.0	-6734.0	Slab-On-Grade Edge Insulation			0.0	182.0(p	-41.20		-7498.4	
Raised	0.0	0.00	0.0									
Base Total:			**-6734.0**	**As-Built Total:**				**182.0**			**-7498.4**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1856.0	10.21	18949.8					1856.0	10.21		18949.8	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **CR 242, Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 24183.6			**Summer As-Built Points:**					**21624.0**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 34000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)					
			21624	1.00	(1.09 x 1.147 x 1.00)	0.263	1.000	7097.7
24183.6	**0.4266**	**10316.7**	**21624.0**	**1.00**	**1.250**	**0.263**	**1.000**	**7097.7**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **CR 242, Lake City, FL, 32025-** 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	1856.0	12.74	4256.2	Double, Clear	SW	8.0	5.5	20.0	16.74	1.80	601.2
				Double, Clear	SW	8.0	5.5	30.0	16.74	1.80	901.8
				Double, Clear	S	8.0	5.5	20.0	13.30	3.24	861.9
				Double, Clear	SW	1.5	5.5	60.0	16.74	1.07	1076.8
				Double, Clear	NW	1.5	1.5	4.0	24.30	1.02	99.6
				Double, Clear	NE	7.0	5.5	30.0	23.57	1.05	742.3
				Double, Clear	NE	7.0	7.3	13.3	23.57	1.04	326.9
				Double, Clear	NE	1.5	5.5	30.0	23.57	1.01	712.7
				Double, Clear	SE	1.5	1.5	4.0	14.71	1.94	113.9
				As-Built Total:				**211.3**			**5437.1**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	148.0	3.60	532.8	Frame, Wood, Exterior	13.0	1036.7	3.40	3524.8
Exterior	1036.7	3.70	3835.8	Frame, Wood, Adjacent	13.0	148.0	3.30	488.4
Base Total:	**1184.7**		**4368.6**	**As-Built Total:**		**1184.7**		**4013.2**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	8.00	160.0	Exterior Insulated	20.0	8.40	168.0
Exterior	40.0	8.40	336.0	Exterior Insulated	20.0	8.40	168.0
				Adjacent Insulated	20.0	8.00	160.0
Base Total:	**60.0**		**496.0**	**As-Built Total:**	**60.0**		**496.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Under Attic	1856.0	2.05	3804.8	Under Attic	30.0	1958.0	2.05 X	1.00	4013.9
Base Total:	**1856.0**		**3804.8**	**As-Built Total:**		**1958.0**			**4013.9**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	182.0(p)	8.9	1619.8	Slab-On-Grade Edge Insulation	0.0	182.0(p	18.80	3421.6
Raised	0.0	0.00	0.0					
Base Total:			**1619.8**	**As-Built Total:**		**182.0**		**3421.6**

INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points
	1856.0	-0.59	-1095.0		1856.0	-0.59	-1095.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **CR 242, Lake City, FL, 32025-** PERMIT #:

BASE			AS-BUILT						
Winter Base Points:		**13450.3**	**Winter As-Built Points:**						**16286.7**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
			(sys 1: Electric Heat Pump 34000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Gar(AH),R6.0						
			16286.7	1.000	(1.069 x 1.169 x 1.00)	0.432	1.000	8785.2	
13450.3	**0.6274**	**8438.7**	**16286.7**	**1.00**	**1.250**	**0.432**	**1.000**	**8785.2**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **CR 242, Lake City, FL, 32025-** 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
3		2635.00	7905.0	40.0	0.93	3		1.00	2606.67	1.00	7820.0
				As-Built Total:							**7820.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
10317	**8439**	**7905**	**26660**	**7098**	**8785**	**7820**	**23703**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **CR 242, Lake City, FL, 32025-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.3

The higher the score, the more efficient the home.

Peeler, Dale, Kathy, & Howard Residence, CR 242, Lake City, FL, 32025-

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	1856 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 211.3 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 211.3 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 182.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 1036.7 ft²	
	b. Frame, Wood, Adjacent	R=13.0, 148.0 ft²	
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 1958.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 176.0 ft	
	b. N/A		
12.	Cooling systems		
	a. Central Unit	Cap: 34.0 kBtu/hr SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 34.0 kBtu/hr HSPF: 7.90	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 40.0 gallons EF: 0.93	
	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 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

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 25-4S-16-03167-002

1. **Description of property: (legal description of the property and street address or 911 address)**
   452 SW County Rd 242
   Lake City, Florida 32024

2. **General description of improvement:** Residential Single Family Home

3. **Owner Name & Address** Walter Dale Peeler & Kathryn E. Peeler
   Interest in Property 100%

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

5. **Contractor Name** Edgley Construction Co **Phone Number** 386 752-0580
   Address 590 SW Arlington Blvd Suite 113, Lake City, Fl 32025

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

7. **Lender Name** N/A
   Address

Inst:200712022781 Date:10/10/2007 Time:3:32 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 1

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 None **Phone Number**
   Address

9. **In addition to himself/herself the owner designates** None **of** ____ **to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee**

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)** 10/10/2008

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Kathryn E. Peeler
Signature of Owner

Sworn to or affirmed and subscribed before ... **day** ... **20** 07

BARBARA L BECK

NOTARY STAMP/SEAL

Barbara L Beck
Signature of Notary

26308

Residential System Sizing Calculation

Summary

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

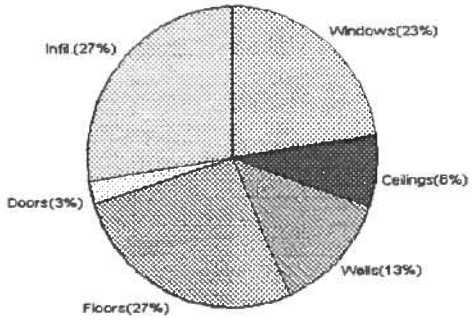
9/19/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**29742**	**Btuh**	**Total cooling load calculation**	**24791**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	114.3	34000	Sensible (SHR = 0.50)	85.9	17000
Heat Pump + Auxiliary(0.0kW)	114.3	34000	Latent	340.1	17000
			Total (Electric Heat Pump)	137.1	34000

WINTER CALCULATIONS

Winter Heating Load (for 1856 sqft)

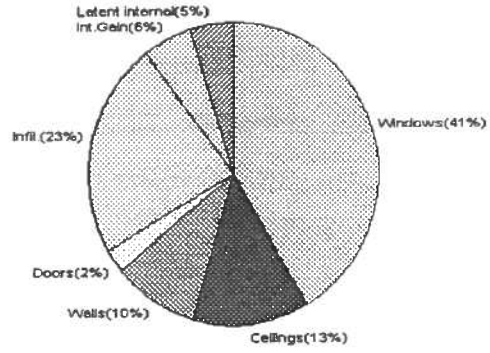
Load component			Load	
Window total	211	sqft	6802	Btuh
Wall total	1185	sqft	3891	Btuh
Door total	60	sqft	777	Btuh
Ceiling total	1958	sqft	2307	Btuh
Floor total	182	sqft	7946	Btuh
Infiltration	198	cfm	8019	Btuh
Duct loss			0	Btuh
Subtotal			**29742**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS	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



SUMMER CALCULATIONS

Summer Cooling Load (for 1856 sqft)

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



For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: Ron
DATE: 2-19-07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

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

9/19/2007

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

Component Loads for Whole House

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

Manual J Winter Calculations

Residential Load - Component Details (continued)

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

9/19/2007

WHOLE HOUSE TOTALS

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

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

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

9/19/2007

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

Component Loads for Zone #1: Main

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

Manual J Winter Calculations

Residential Load - Component Details (continued)

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

9/19/2007

WHOLE HOUSE TOTALS

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

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 9/19/2007

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

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft.	20.0	0.0	20.0	29	60	1201 Btuh
2	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft.	30.0	0.0	30.0	29	60	1801 Btuh
3	2, Clear, 0.87, None,N,N	W	8ft.	5.5ft.	20.0	20.0	0.0	29	80	579 Btuh
4	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	60.0	0.0	60.0	29	60	3602 Btuh
5	2, Clear, 0.87, None,N,N	NE	1.5ft.	1.5ft.	4.0	0.0	4.0	29	60	240 Btuh
6	2, Clear, 0.87, None,N,N	SE	7ft.	5.5ft.	30.0	30.0	0.0	29	63	869 Btuh
7	2, Clear, 0.87, None,N,N	SE	7ft.	7.33	13.3	13.3	0.0	29	63	385 Btuh
8	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468 Btuh
9	2, Clear, 0.87, None,N,N	SW	1.5ft.	1.5ft.	4.0	4.0	0.0	29	63	116 Btuh
	Window Total				211 (sqft)					10262 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1036.7	2.1	2162 Btuh
2	Frame - Wood - Adj	13.0/0.09	148.0	1.5	223 Btuh
	Wall Total		1185 (sqft)		2386 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	20.0	9.8	196 Btuh
3	Insulated - Exterior	20.0	9.8	196 Btuh
	Door Total	60 (sqft)		588 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1958.0	1.7	3243 Btuh
	Ceiling Total		1958 (sqft)		3243 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	182 (ft(p))	0.0	0 Btuh
	Floor Total		182.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		16478 Btuh
Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.42	14848	103.9	1934 Btuh
Internal gain		Occupants	Btuh/occupant	Appliance	Load
		6	X 230 +	0	1380 Btuh
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)			DGM = 0.00	0.0 Btuh
			Sensible Zone Load		**19792 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

9/19/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**19792 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**19792 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**19792 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	3798 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**4998 Btuh**
	TOTAL GAIN	**24791 Btuh**

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 9/19/2007

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

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft.	20.0	0.0	20.0	29	60	1201 Btuh
2	2, Clear, 0.87, None,N,N	NW	8ft.	5.5ft.	30.0	0.0	30.0	29	60	1801 Btuh
3	2, Clear, 0.87, None,N,N	W	8ft.	5.5ft.	20.0	20.0	0.0	29	80	579 Btuh
4	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	60.0	0.0	60.0	29	60	3602 Btuh
5	2, Clear, 0.87, None,N,N	NE	1.5ft.	1.5ft.	4.0	0.0	4.0	29	60	240 Btuh
6	2, Clear, 0.87, None,N,N	SE	7ft.	5.5ft.	30.0	30.0	0.0	29	63	869 Btuh
7	2, Clear, 0.87, None,N,N	SE	7ft.	7.33	13.3	13.3	0.0	29	63	385 Btuh
8	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468 Btuh
9	2, Clear, 0.87, None,N,N	SW	1.5ft.	1.5ft.	4.0	4.0	0.0	29	63	116 Btuh
	Window Total				211 (sqft)					10262 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1036.7	2.1	2162 Btuh
2	Frame - Wood - Adj	13.0/0.09	148.0	1.5	223 Btuh
	Wall Total		1185 (sqft)		2386 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	20.0	9.8	196 Btuh
3	Insulated - Exterior	20.0	9.8	196 Btuh
	Door Total	60 (sqft)		588 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	1958.0	1.7	3243 Btuh
	Ceiling Total		1958 (sqft)		3243 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	182 (ft(p))	0.0	0 Btuh
	Floor Total		182.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		16478 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.42	14848	103.9	1934 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 230	+	0	1380 Btuh

Duct load			
Average sealed, R6.0, Supply(Attic), Return(Attic)	DGM = 0.00	0.0 Btuh

	Sensible Zone Load	**19792 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

Class 3 Rating
Registration No. 0
Climate: North

9/19/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**19792 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**19792 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**19792 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	3798 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**4998 Btuh**
	TOTAL GAIN	**24791 Btuh**

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

For Florida residences only

Residential Window Diversity

MidSummer

Peeler, Dale, Kathy, & Howard Residence
CR 242
Lake City, FL 32025-

Project Title:
709181EdgleyConstruction

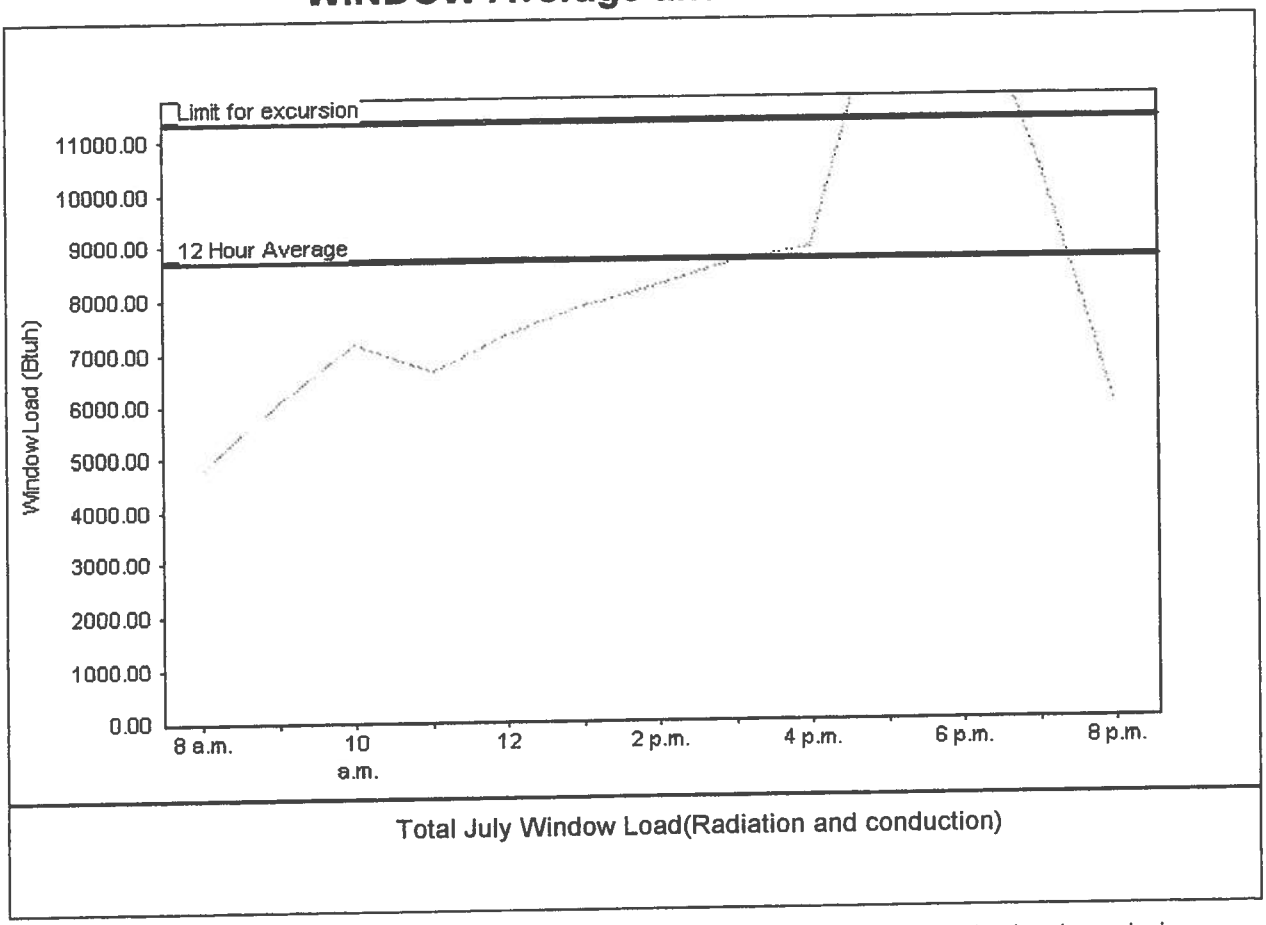
Class 3 Rating
Registration No. 0
Climate: North

9/19/2007

Weather data for: Gainesville - Defaults

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

WINDOW Average and Peak Loads



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

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:
DATE: 9-19-07

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:nlb

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
CERTIFICATE
NO. 16354
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Architectural Testing

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

Rendered to

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

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

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

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

Test Specimen Description

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

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

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

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

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

Finish: All aluminum was white.

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

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

Allen N. Reeves
1 APRIL 2002

REEVES ★ PROFESSIONAL ENGINEER ★ NO. 19354 ★ STATE OF FLORIDA

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
1 APRIL 2002

ALLEN N. REEVES ★ CERTIFICATE NO. 19[illegible] ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER

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.

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1 APRIL 2002

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CERTIFICATE
NO. 1337[illegible]
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

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

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

Paragraph	Title of Test - Test Method	Results	Allowed
	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.

Allen N. Reeves
1 APRIL 2002

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CERTIFICATE NO. 19334
STATE OF FLORIDA
PROFESSIONAL ENGINEER

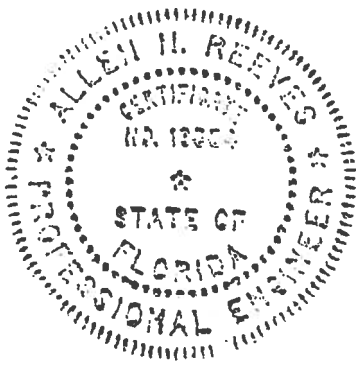
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification.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



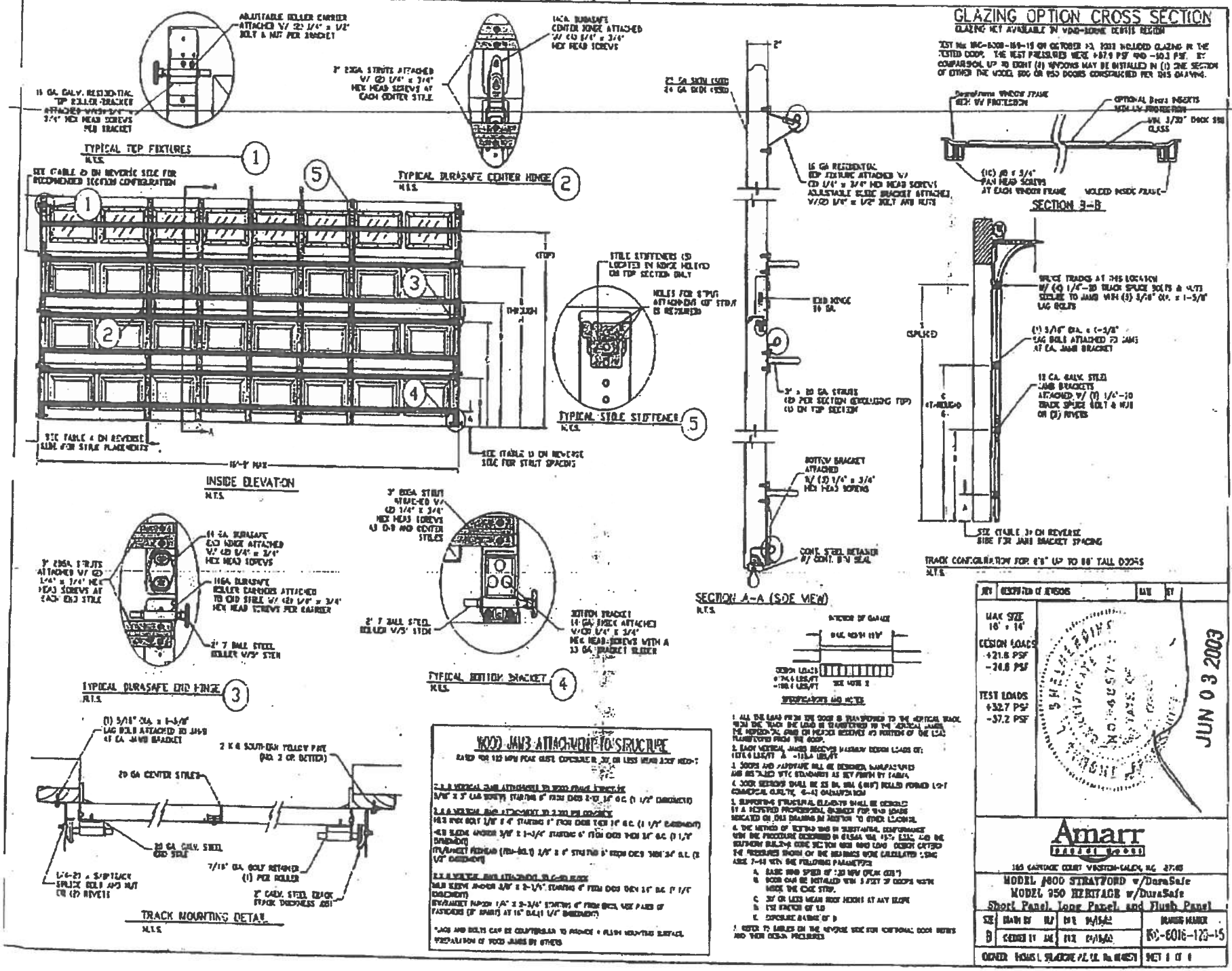

GLAZING OPTION CROSS SECTION
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION
TYPICAL TOP FIXTURES
TYPICAL DURASAFE CENTER HINGE
TYPICAL SIDE STIFFENER
INSIDE ELEVATION
SECTION A-A (SIDE VIEW)
SECTION B-B
TYPICAL DURASAFE END HINGE
TYPICAL BOTTOM BRACKET
TRACK MOUNTING DETAIL
TRACK CONFIGURATION FOR 6'8" UP TO 8'0" TALL DOORS
WOOD JAMB ATTACHMENT TO STRUCTURE
MAX SIZE 16' x 16'
DESIGN LOADS +21.8 PSF -24.8 PSF
TEST LOADS +32.7 PSF -37.2 PSF
JUN 0 3 2003
Amarr
MODEL 8000 STRATFORD w/DuraSafe
MODEL 9250 HERITAGE w/DuraSafe
Short Panel, Long Panel, and Flush Panel

TABLE 1

DOOR HEIGHT	STRUT SPACING (BASED ON RECOMMENDED 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 1/2"									67 1/2"
7'0"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	46 1/2"	59 1/4"									73 1/2"
7'6"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	61 1/2"	75 1/2"	85 1/2"							81 1/2"
8'0"	5 1/2"	19 1/2"	25 1/2"	35 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/2"							85 1/2"
8'6"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	46 1/2"	59 1/2"	69 1/2"	78 1/2"							91 1/2"
9'0"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	61 1/2"	73 1/2"	85 1/4"	95 1/2"						97"
9'6"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	81 1/2"	92 1/4"	103 1/2"						103 1/2"
10'0"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	77 1/2"	88 1/4"	99 1/2"	110 1/2"					109 1/2"
10'6"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	77 1/2"	88 1/4"	99 1/2"	110 1/2"	121 1/2"				115 1/2"
11'0"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	81 1/2"	92 1/4"	103 1/2"	114 1/2"	121 1/2"				121 1/2"
11'6"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	81 1/2"	92 1/4"	103 1/2"	114 1/2"	121 1/2"				127 1/2"
12'0"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	81 1/2"	92 1/4"	103 1/2"	114 1/2"	121 1/2"				135 1/2"
12'6"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	81 1/2"	92 1/4"	103 1/2"	114 1/2"	121 1/2"	132 1/2"			135 1/2"
13'0"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	81 1/2"	92 1/4"	103 1/2"	114 1/2"	121 1/2"	132 1/2"			145 1/2"
13'6"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	81 1/2"	92 1/4"	103 1/2"	114 1/2"	121 1/2"	132 1/2"			145 1/2"
14'0"	5 1/2"	19 1/2"	25 1/2"	39 1/4"	49 1/2"	64 1/2"	81 1/2"	92 1/4"	103 1/2"	114 1/2"	121 1/2"	132 1/2"	144 1/2"		157 1/2"

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	#1m	#2	#3	#4	#5	#6	#7	#8
12'0"	21"	21"	21"	21"	21"	13"	18"	21"
12'6"	21"	18"	13"	19"	18"	18"	19"	21"
11'6"	21"	21"	21"	13"	18"	18"	21"	
10'6"	21"	21"	21"	21"	21"	21"		
9'6"	21"	18"	18"	18"	18"	21"		
8'6"	21"	21"	21"	18"	21"			
7'6"	21"	18"	18"	18"	18"			
6'6"	21"	18"	18"	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"				63"
9'	13"	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'	13"	34"	58"	82"	106"	130"	154"	160"

TABLE 4

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge) 1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)
10'0	Short	48.426	78.594			
10'0	Long	30.000	60.000	90.000		
12'0	Short	48.812	72.000	96.938		
12'0	Long	49.625	72.000	94.375		
12'2	Short	49.636	73.000	96.364		
12'2	Long	50.084	73.000	95.915		
12'4	Short	50.636	74.000	97.364		
12'4	Long	51.024	74.000	96.916		
12'6	Short	50.670	75.000	99.330		
12'6	Long	51.170	75.000	98.830		
12'8	Short	51.576	76.000	100.424		
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	54.900	80.000	105.100		
13'4	Long	55.900	80.000	103.900		
13'6	Short	55.400	81.000	106.600		
13'6	Long	56.900	81.000	106.100		
13'8	Short	56.400	82.000	107.600		
13'8	Long	56.525	82.000	107.375		
13'10	Short	57.163	83.000	108.837		
13'10	Long	57.170	83.000	108.830		
14'0	Short	57.763	84.000	110.238		
14'0	Long	58.625	84.000	109.375		
14'2	Short	58.946	85.000	111.054		
14'2	Long	59.170	85.000	110.830		
14'4	Short	59.163	86.000	112.838		
14'4	Long	60.170	86.000	111.830		
14'6	Short	59.863	87.000	114.138		
14'6	Long	61.170	87.000	112.830		
14'8	Short	60.563	87.938	115.438		
14'8	Long	42.812	*66.406	88.000	*109.594	131.188
14'10	Short	61.265	88.875	116.735		
14'10	Long	45.600	*67.300	89.000	*110.700	132.400
15'0	Short	61.938	89.813	118.063		
15'0	Long	46.500	*68.300	90.000	*111.700	133.400
15'2	Short	62.563	90.688	119.438		
15'2	Long	47.600	*69.300	91.000	*112.700	134.400
15'4	Short	63.200	91.563	120.800		
15'4	Long	47.250	*69.625	92.000	*114.375	136.750
15'6	Short	63.824	92.438	121.176		
15'6	Long	47.600	*70.300	93.000	*115.700	138.400
15'8	Short	64.474	93.313	122.526		
15'8	Long	48.600	*71.300	94.000	*116.700	139.400
15'10	Short	65.124	94.188	123.876		
15'10	Long	49.157	*72.084	95.000	*117.917	140.833
16'0	Short	65.824	95.062	125.000		
16'0	Long	50.600	*73.300	95.000	*119.700	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	29.1	29.5
10'0	Long	34.7	39.5
12'0	Short	28.9	32.9
12'0	Long	28.9	32.9
12'2	Short	28.8	32.5
12'2	Long	28.5	32.5
12'4	Short	28.6	32.1
12'4	Long	28.1	32.0
12'6	Short	28.0	31.8
12'6	Long	27.8	31.6
12'8	Short	27.8	31.6
12'8	Long	27.4	31.2
12'10	Short	27.6	31.4
12'10	Long	27.0	30.8
13'0	Short	27.5	30.4
13'0	Long	26.7	30.4
13'2	Short	27.3	30.2
13'2	Long	26.4	30.0
13'4	Short	27.1	29.8
13'4	Long	26.0	29.6
13'6	Short	26.9	29.4
13'6	Long	25.7	29.2
13'8	Short	26.7	29.1
13'8	Long	25.4	28.9
13'10	Short	26.5	28.9
13'10	Long	25.1	28.5
14'0	Short	26.3	28.7
14'0	Long	24.8	28.2
14'2	Short	26.1	28.5
14'2	Long	24.5	27.9
14'4	Short	25.9	28.3
14'4	Long	24.2	27.5
14'6	Short	25.7	28.1
14'6	Long	23.9	27.2
14'8	Short	25.5	27.9
14'8	Long	23.7	26.9
14'10	Short	25.3	27.7
14'10	Long	23.4	26.6
15'0	Short	25.1	27.5
15'0	Long	23.1	26.3
15'2	Short	24.9	27.3
15'2	Long	22.9	26.0
15'4	Short	24.7	27.1
15'4	Long	22.6	25.7
15'6	Short	24.5	26.9
15'6	Long	22.4	25.5
15'8	Short	24.3	26.7
15'8	Long	22.2	25.2
15'10	Short	24.1	26.5
15'10	Long	21.9	24.9
16'0	Short	23.9	26.3
16'0	Long	21.8	24.8

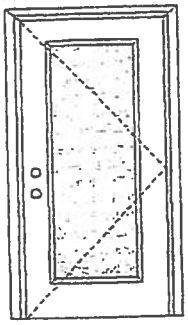
LX01

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 #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.

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

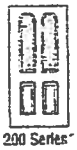

822 Series

1/2 GLASS:

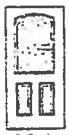

105 Series*

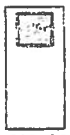

106, 160 Series*


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.

XX
Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

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

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

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

Evaluation report NCTL-210-2794-1

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

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

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

COMPANY NAME
CITY, STATE

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

Kurt L Balthazor

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

Wausau Homes

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

Johnson Entry Systems

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

PREMDOR Fabrication Premium Quality Doors

Exclusively from Masonite

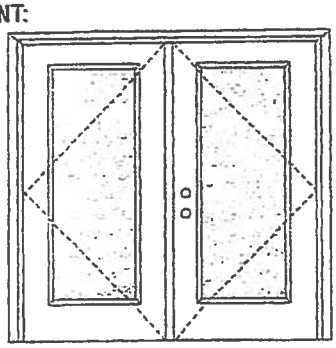
Masonite International Corporation

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:

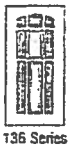
Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

APPROVED DOOR STYLES:

1/4 GLASS:


100 Series

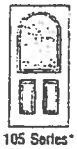

133, 135 Series


136 Series


680 Series


822 Series

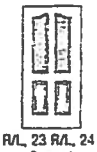
1/2 GLASS:


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

Exclusively from

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

OXO
Glazed Inswing Unit

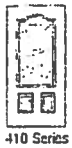
COP-WL-JH4144-02

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:


404 Series


410 Series


450 Series

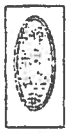
FULL GLASS:


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.allsemko.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

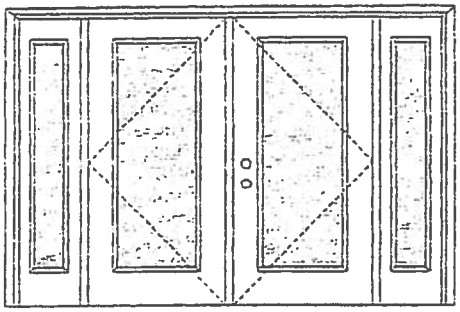
Exclusively from Masonite
Masonite International Corporation

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:

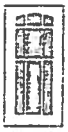
Compliance requires that minimum installation details have been followed – see MID-WL-MA0005-02.

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™

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

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®

Masonite International Corporation

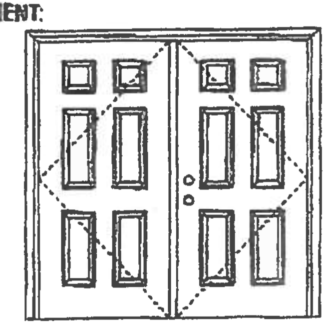
XX

Opaque Inswing Unit

COP-WL-JH4102-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Double Door

Maximum unit size = 6'0" 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.

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

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

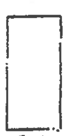
MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:


Flush

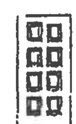

Arch Top 3-panel


3-panel


6-panel


New England 4-panel


Eyebrow 4-panel


8-panel


9-panel


15-panel


5-panel


5-panel with scroll


Eyebrow 5-panel

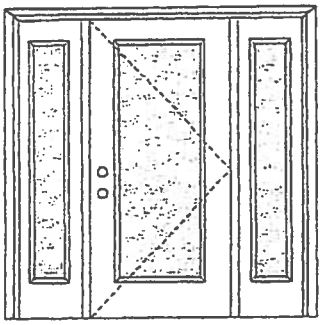

Eyebrow 5-panel with scroll

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.

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.

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:

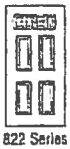
1/4 GLASS:


100 Series

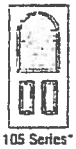

133, 135 Series

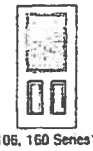

136 Series


680 Series


822 Series

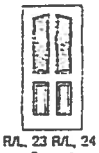
1/2 GLASS:

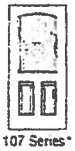

105 Series*


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

JP508

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.

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. JF104376 Company Phone No. 386-755-3611
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Edgley Construction Company Phone No. 752-0580

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Peeler Residence
Plantation Estates 452 SW CR 242
Lot # 2 Lake City, FL 32024

Type of Construction (More than one box may be checked) ☑ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 1' Inside 2' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 10/29/07
Brand Name of Product(s) Used Biten XTS
EPA Registration No. 53883-189
Approximate Final Mix Solution % .06%
Approximate Size of Treatment Area: Sq. ft. 2749 Linear ft. 318 Linear ft. of Masonry Voids 298
Approximate Total Gallons of Solution Applied 630 gals.
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) S. Gregory 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 Shannon Gregory Date 10/29/07

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 25-4S-16-03167-002 **Building permit No.** 000026308

Use Classification SFD,UTILITY **Fire:** 38.52

Permit Holder EDGLEY CONSTRUCTION **Waste:** 100.50

Owner of Building DALE, KATHY,HOWARD PEELER **Total:** 139.02

Location: 426 SW CR 242, LAKE CITY, FL

Date: 04/10/2008

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)