Columbia County Building Permit Application

NAN GAR -26292 Voin 570 262 91

For Office Use Only Application # 0709-44 Date Received 9/24/07 By G Permit # 1459

Application Approved by - Zoning Official BLK Date 28.09.07 Plans Examiner OK JTH Date 9-27-07

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

Comments

NOC EH Deed or PA Site Plan State Road Info Parent Parcel # Development Permi

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 KEITH & BETTY GORDON Phone 386-752-0580

911 Address 244 SW PLANTATION TERRACE LAKE CITY FL 32025

Contractors Name EDGLEY CONSTRUCTION COMPANY Phone 386-752-0580

Address 590 SW ARLINGTON BLVD SUITE 113 LAKE CITY FL 32025

Fee Simple Owner Name & Address N/A

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 Energ

Property ID Number 12-4S-16-02941-119 Estimated Cost of Construction 380,000.00

Subdivision Name SOUTHERN LANDINGS AVIATION S/D Lot 19 Block ____ Unit ____ Phase ____

Driving Directions HWY 90 WEST, TL ON SISTER WELCOME RD, TL ON BROTHER LANE, TL ON PLANTATION TERRACE, TL ON COLONIAL PLACE, LOT ON RIGHT

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

Total Acreage .55 Lot Size ____ Do you need a (Culvert Permit) or Culvert Waiver or Have an Existing Dri

Actual Distance of Structure from Property Lines - Front 32'11" Side 42'9" Side 40'4" Rear 32'7"

Total Building Height 18' Number of Stories 1 Heated Floor Area 2295 TOTAL 5,216 Roof Pitch 5/12

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 19TH day of Sept 2007.
Personally known ✓ or Produced Identification ____

Contractor Signature
Contractors License Number RR282811326
Competency Card Number 5878 JAN CLARK
NOTARY STAMP/SEAL

NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION # DD 634946
EXPIRES: March 28, 2011
Bonded Thru Budget Notary Services

Jan Clark
Notary Signature

(Revised Sept. 200

Tim Called Kimmy 9.28.07 3087

For: Betty
573 567-6302
9/14/2007

Inst:_027926 Date:11/27/2006 Time:10:40
Doc Stamp-Deed : 500.00
_____ DC,P.DeWitt Cason,Columbia County B:1102 P:152

WARRANTY DEED

THIS INDENTURE, made this 22nd day of November, 2006, between JOHN S. DUNN and his wife DONNA L. DUNN, whose address is Post Office Box 28057, Panama City, Florida 32411, Grantors, and KEITH GORDON and his wife BETTY A. GORDON, whose address is 1545 56th Court, Vero Beach, Florida 32966, Grantees,

W I T N E S S E T H:

Grantors, for and in consideration of the sum of TEN AND NO/100 ($10.00) DOLLARS, and other good and valuable considerations to Grantors in hand paid by Grantees, the receipt whereof is hereby acknowledged, have 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 19, 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 R02941-119

SUBJECT TO: Taxes for 2006 and subsequent years; restrictions and easements of record; and easements shown by the plat of the property.

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

IN WITNESS WHEREOF, Grantors have hereunto set their hands and seals the day and year first above written.

Signed, sealed and delivered
in the presence of:

Elizabeth Parker
Print Name: Elizabeth Parker

Sherry L. Harmon
Print Name: Sherry L. Harmon
Witnesses as to Grantors

John S. Dunn
JOHN S. DUNN

Donna L. Dunn
DONNA L. DUNN

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

STATE OF FLORIDA
COUNTY OF Bay

The foregoing instrument was acknowledged before me this 22nd day of November, 2006, by JOHN S. DUNN and DONNA L. DUNN. They are personally known to me or they produced _____ as identification.

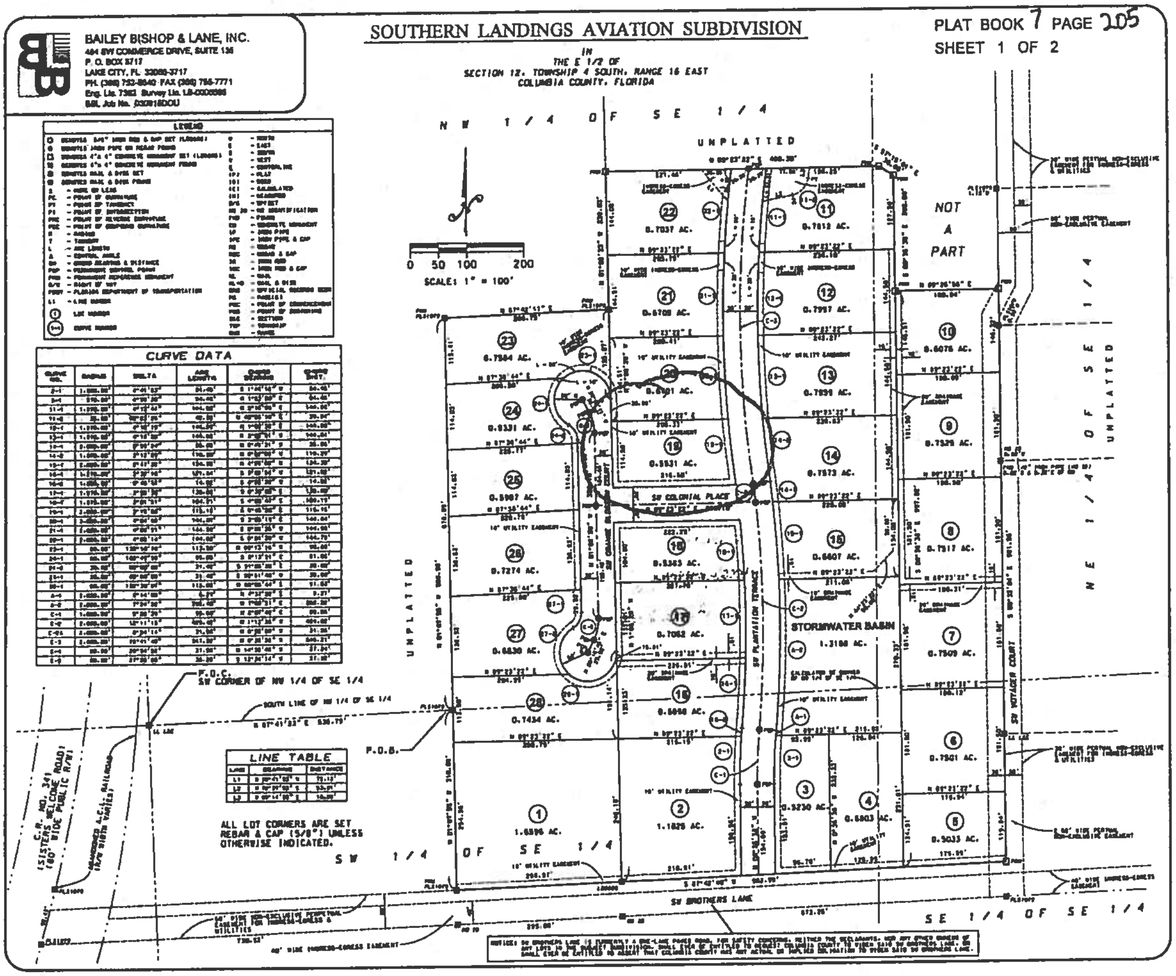
Sherry L. Harmon
Notary Public - State of Florida
Comm. Expires Dec. 28, 2008
Commission No. DD 399211

```
@ CAM112M01     S  CamaUSA Appraisal System                      Columbia County
 9/28/2007 12:43  Legal Description Maintenance          63500  Land  001
Year T Property                          Sel                    AG    000
2007 R 12-4S-16-02941-119                ...                    Bldg  000
                                                                Xfea  000
       GORDON KEITH & BETTY A                                   63500 TOTAL     B

  1  LOT 19 SOUTHERN LANDINGS          AVIATION S/D. WD 1035-818.          2
  3  WD 1103-152.                                                          4
  5                                                                        6
  7                                                                        8
  9                                                                       10
 11                                                                       12
 13                                                                       14
 15                                                                       16
 17                                                                       18
 19                                                                       20
 21                                                                       22
 23                                                                       24
 25                                                                       26
 27                                                                       28
                                                    Mnt 12/14/2006 CHUCK
F1=Task  F3=Exit  F4=Prompt  F10=GoTo  PgUp/PgDn  F24=More
```

OFFICIAL RECORDS BOOK___PAGE___ 1029/2214

FILE NUMBER 200400246__ FILED AND RECORDED IN THE OFFICIAL RECORDS OF COLUMBIA COUNTY, FLORIDA
P. DeWITT CASON
CLERK OF COURTS
COLUMBIA COUNTY, FLORIDA

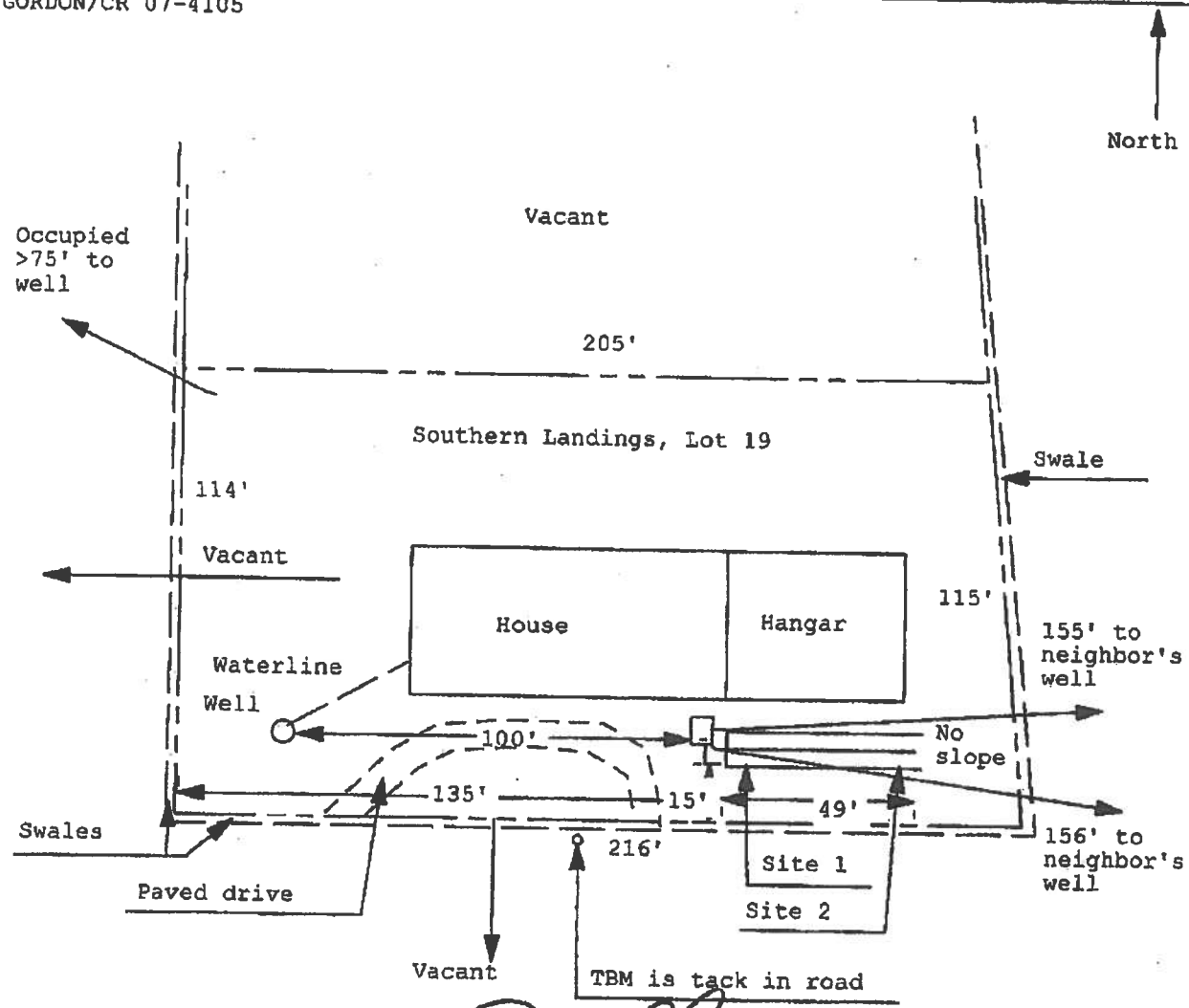


Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 07-0743

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GORDON/CR 07-4105



Site Plan Submitted By Paul Lloyd **Date** 9/20/07

Plan Approved ✓ **Not Approved** ____ **Date** 9/21/07

By [signature] Columbia **CPHU**

Notes: ____

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: 9/13/2007 **DATE ISSUED:** 9/14/2007

ENHANCED 9-1-1 ADDRESS:

244 SW PLANTATION TER

LAKE CITY FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

12-4S-16-02941-119

Remarks:

LOT 19 SOUTHERN LANDINGS AVIATION S/D.

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.

957

Approved Address

SEP 1 4 2007

911Addressing/GIS Dept

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:	**705211Gordon,Keith&Betty**	Builder:	
Address:	**Lot: 19, Sub: Cannon Creek, Plat:**	Permitting Office:	
City, State:	**, FL**	Permit Number:	
Owner:	**Gordon, Keith & Betty**	Jurisdiction Number:	
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 45.0 kBtu/hr SEER: 13.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	2295 ft²	13. Heating systems	
7. Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)		a. Electric Heat Pump	Cap: 45.0 kBtu/hr HSPF: 7.90
a. U-factor: (or Single or Double DEFAULT)	7a. (Dble Default) 253.0 ft²	b. N/A	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 253.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 249.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons EF: 0.93
b. N/A		b. N/A	
c. N/A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
9. Wall types		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
a. Frame, Wood, Exterior	R=13.0, 1387.0 ft²		
b. Frame, Wood, Adjacent	R=13.0, 511.0 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2295.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 180.0 ft		
b. N/A			

Glass/Floor Area: 0.11

Total as-built points: 26652

Total base points: 32155

PASS

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

PREPARED BY: _____

DATE: 7-16-07

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.

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 19, Sub: Cannon Creek, Plat: , , FL,** PERMIT #:

BASE

GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points
.18 2295.0	20.04	8278.5

WALL TYPES	Area X	BSPM	= Points
Adjacent	511.0	0.70	357.7
Exterior	1387.0	1.70	2357.9
Base Total:	**1898.0**		**2715.6**

DOOR TYPES	Area X	BSPM	= Points
Adjacent	0.0	0.00	0.0
Exterior	90.0	4.10	369.0
Base Total:	**90.0**		**369.0**

CEILING TYPES	Area X	BSPM	= Points
Under Attic	2295.0	1.73	3970.4
Base Total:	**2295.0**		**3970.4**

FLOOR TYPES	Area X	BSPM	= Points
Slab	249.0(p)	-37.0	-9213.0
Raised	0.0	0.00	0.0
Base Total:			**-9213.0**

INFILTRATION	Area X	BSPM	= Points
	2295.0	10.21	23431.9

AS-BUILT

Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
Double, Clear	N	8.0	6.0	30.0	19.20	0.67	385.1
Double, Clear	NW	1.5	4.0	6.0	25.97	0.85	132.4
Double, Clear	N	1.5	4.0	15.0	19.20	0.88	253.9
Double, Clear	NE	1.5	4.0	6.0	29.56	0.84	148.1
Double, Clear	N	1.5	6.0	15.0	19.20	0.94	270.3
Double, Clear	S	1.5	5.0	16.0	35.87	0.81	463.1
Double, Clear	S	4.0	7.0	54.0	35.87	0.62	1209.4
Double, Clear	S	10.0	7.0	72.0	35.87	0.48	1234.0
Double, Clear	W	1.5	6.0	30.0	38.52	0.91	1055.6
Double, Clear	W	1.5	4.0	9.0	38.52	0.82	283.5
As-Built Total:				**253.0**			**5435.2**

Type	R-Value	Area X	SPM	= Points
Frame, Wood, Exterior	13.0	1387.0	1.50	2080.5
Frame, Wood, Adjacent	13.0	511.0	0.60	306.6
As-Built Total:		**1898.0**		**2387.1**

Type	Area X	SPM	= Points
Exterior Insulated	50.0	4.10	205.0
Exterior Insulated	40.0	4.10	164.0
As-Built Total:	**90.0**		**369.0**

Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	30.0	2295.0	1.73 X 1.00	3970.4
As-Built Total:		**2295.0**		**3970.4**

Type	R-Value	Area X	SPM	= Points
Slab-On-Grade Edge Insulation	0.0	249.0(p	-41.20	-10258.8
As-Built Total:		**249.0**		**-10258.8**

	Area X	SPM	= Points
	2295.0	10.21	23431.9

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 19, Sub: Cannon Creek, Plat: , , FL,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 29552.4			**Summer As-Built Points:**					**25334.8**
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 45000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
29552.4	**0.4266**	**12607.1**	25335 **25334.8**	1.00 **1.00**	(1.09 x 1.147 x 0.91) **1.138**	0.263 **0.263**	1.000 **1.000**	7567.3 **7567.3**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 19, Sub: Cannon Creek, Plat: , , 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	**2295.0**	**12.74**	**5262.9**	Double, Clear	N	8.0	6.0	30.0	24.58	1.02	753.2
				Double, Clear	NW	1.5	4.0	6.0	24.30	1.01	147.0
				Double, Clear	N	1.5	4.0	15.0	24.58	1.01	370.8
				Double, Clear	NE	1.5	4.0	6.0	23.57	1.02	143.6
				Double, Clear	N	1.5	6.0	15.0	24.58	1.00	369.5
				Double, Clear	S	1.5	5.0	16.0	13.30	1.20	254.7
				Double, Clear	S	4.0	7.0	54.0	13.30	1.82	1308.9
				Double, Clear	S	10.0	7.0	72.0	13.30	3.22	3084.1
				Double, Clear	W	1.5	6.0	30.0	20.73	1.02	636.4
				Double, Clear	W	1.5	4.0	9.0	20.73	1.05	196.4
				As-Built Total:				**253.0**			**7264.9**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	511.0	3.60	1839.6	Frame, Wood, Exterior	13.0	1387.0	3.40	4715.8
Exterior	1387.0	3.70	5131.9	Frame, Wood, Adjacent	13.0	511.0	3.30	1686.3
Base Total:	**1898.0**		**6971.5**	**As-Built Total:**		**1898.0**		**6402.1**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	Exterior Insulated	50.0	8.40	420.0
Exterior	90.0	8.40	756.0	Exterior Insulated	40.0	8.40	336.0
Base Total:	**90.0**		**756.0**	**As-Built Total:**	**90.0**		**756.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Under Attic	2295.0	2.05	4704.8	Under Attic	30.0	2295.0	2.05 X	1.00	4704.8
Base Total:	**2295.0**		**4704.8**	**As-Built Total:**		**2295.0**			**4704.8**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	249.0(p)	8.9	2216.1	Slab-On-Grade Edge Insulation	0.0	249.0(p	18.80	4681.2
Raised	0.0	0.00	0.0					
Base Total:			**2216.1**	**As-Built Total:**		**249.0**		**4681.2**

INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points
	2295.0	-0.59	-1354.0		2295.0	-0.59	-1354.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 19, Sub: Cannon Creek, Plat: , , FL,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**18557.2**	**Winter As-Built Points:**					**22454.9**
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 45000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			22454.9	1.000	(1.069 x 1.169 x 0.93)	0.432	1.000	11264.5
18557.2	**0.6274**	**11642.8**	**22454.9**	**1.00**	**1.162**	**0.432**	**1.000**	**11264.5**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 19, Sub: Cannon Creek, Plat: , , 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	
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	
12607	**11643**	**7905**	**32155**		**7567**	**11265**	**7820**	**26652**	

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 19, Sub: Cannon Creek, Plat: , , FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.4

The higher the score, the more efficient the home.

Gordon, Keith & Betty, Lot: 19, Sub: Cannon Creek, Plat: , , 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	3	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	2295 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) 253.0 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 253.0 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 249.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 1387.0 ft²	
	b. Frame, Wood, Adjacent	R=13.0, 511.0 ft²	
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 2295.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 180.0 ft	
	b. N/A		
12.	Cooling systems		
	a. Central Unit	Cap: 45.0 kBtu/hr SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 45.0 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.

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

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

Reference to a building permit application Number: 0709-64

Edgley Construction Contractor, Owners: Keith & Betty Gordon Property ID# 12-4s-16-202941-119

On the date of September 26, 2007 application 0709-64 and plans for construction of an single family dwelling with and attached residential aircraft hangars. 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 0709-64 and when making reference to this application.

This is a plan review for compliance with the Florida Building Codes 2004 only and doesn't make any consideration toward the land use and zoning requirement

1. Chapter four sections 412.3.1of the Florida Building Code requires residential aircraft hangers to comply with the codes.

   Definition: The following word and term shall, for the purposes of this chapter and as used elsewhere in this code, have the meaning shown herein.

   RESIDENTIAL AIRCRAFT HANGAR. An accessory building less than 2,000 square feet (186 m2) and 20 feet (6096 mm) in height, constructed on a one- or two-family residential property where aircraft are stored. Such use will be considered as a residential accessory use incidental to the dwelling.

Fire separation: A hangar shall not be attached to a dwelling unless separated by walls having a fire-resistance rating of not less than 1 hour. Such separation shall be continuous from the foundation to the underside of the roof and unpierced except for doors leading to the dwelling unit. Doors into the dwelling unit must be equipped with self-closing devices and conform to the requirements of Section 715 with at least a 4-inch (102 mm) noncombustible raised sill. Openings from a hanger directly into a room used for sleeping purposes shall not be permitted.

Egress: A hangar shall provide two means of egress. One of the doors into the dwelling shall be considered as meeting only one of the two means of egress.

Smoke detection: Smoke alarms shall be provided within the hangar in accordance with Section 907.2.21.

Independent systems: Mechanical and plumbing drain, waste and vent (DWV) systems installed within the hangar shall be independent of the systems installed within the dwelling. Building sewer lines may connect outside the structures.

Exception: Smoke detector wiring and feed for electrical subpanels in the hangar.

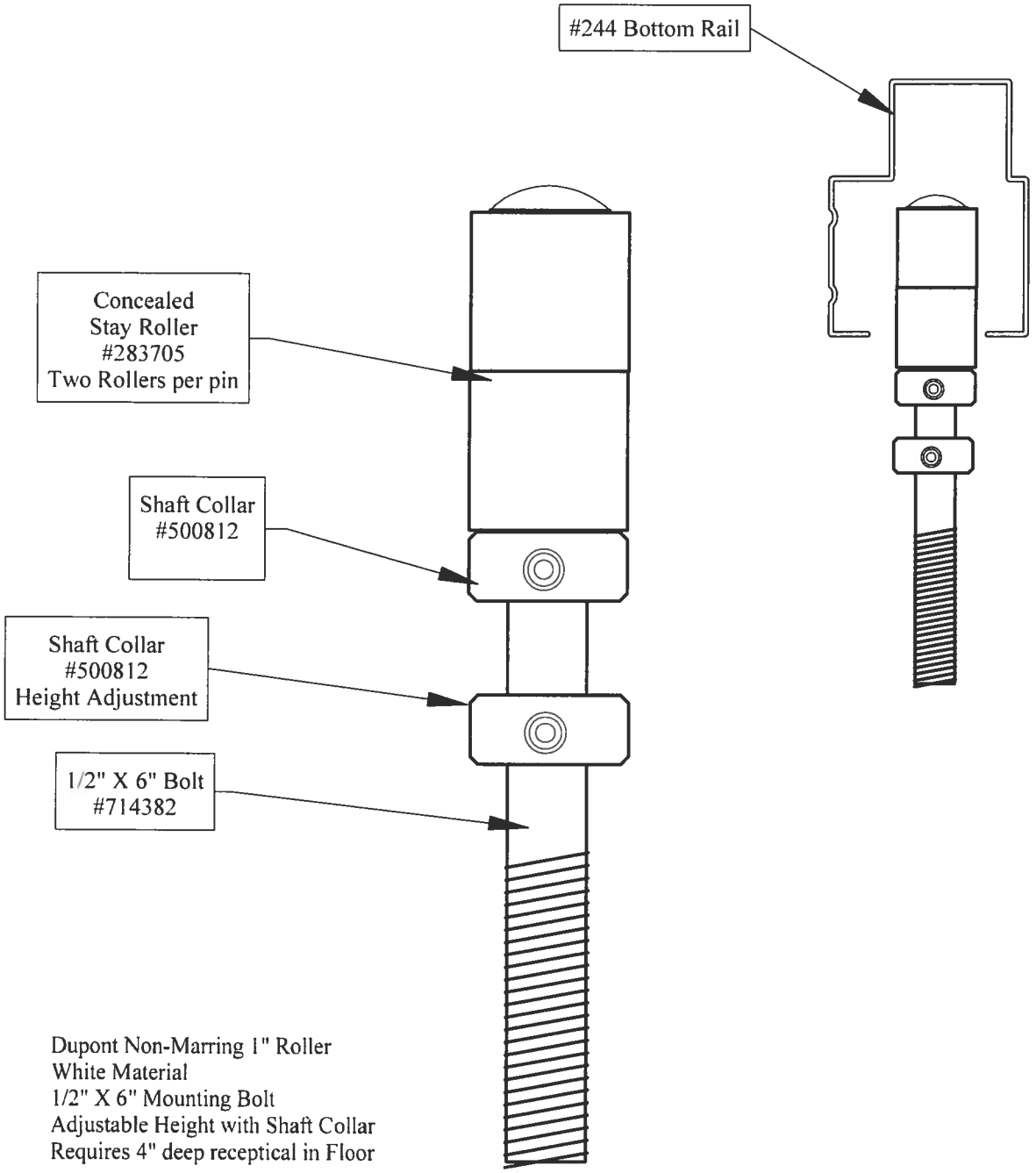
2. Please submit information for attachment of the aircraft hanger overhead door to the walls and the foundation.

Thank You:

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

Gordon

Concealed Stay Roller

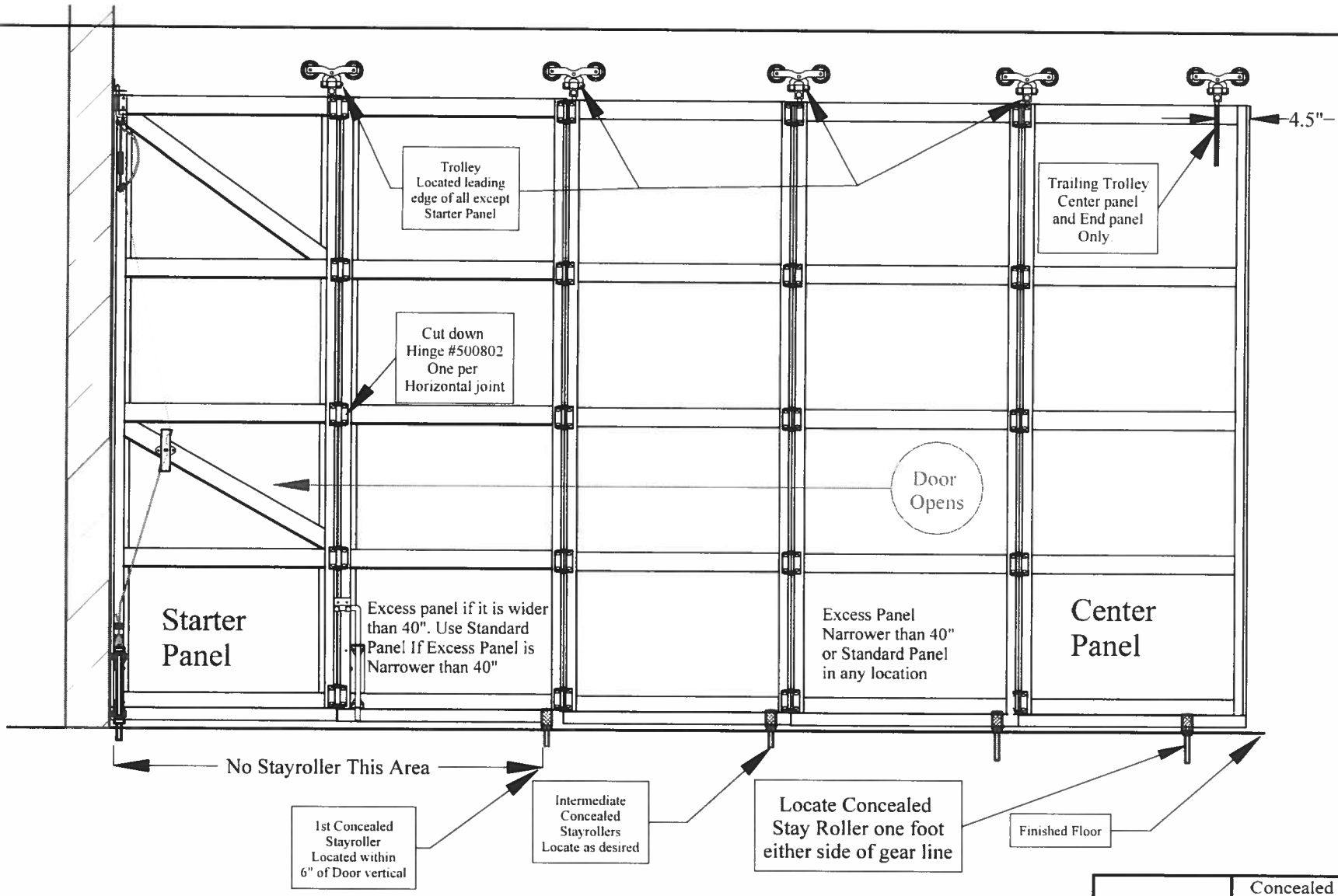


Dupont Non-Marring 1" Roller
White Material
1/2" X 6" Mounting Bolt
Adjustable Height with Shaft Collar
Requires 4" deep receptical in Floor

CSA-4.5 System uses a 1-1/2" Diameter
Wheel system

Standard supply is ONE per panel less Starter panel
Plus Two for securing the open door on the side wall

Cool-Air, Inc	Concealed Stayroller
SAV-2.5	
01/12/2005	D. Coolman



Cool-Air, Inc	Concealed Stayroller Location
CSA-2.5+	
11/20/2006	D. Coolman

Starter Panel Shown Hinged to First Sliding Panel.
Alternate is to hinge to building column, in-swing or out-swing (out-swing hinges optional).

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

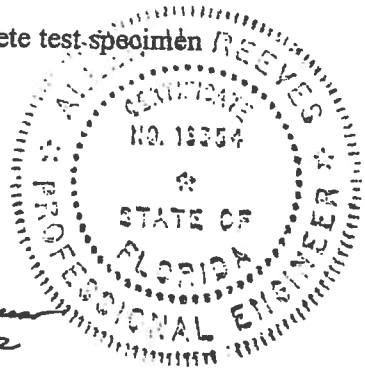
Title of Test	Results
Rating	H-R40 52 x 72
Overall Design Pressure	+45.0 psf -47.2 psf
Operating Force	11 lb max.
Air Infiltration	0.13 cfm/ft^2
Water Resistance	6.00 psf
Structural Test Pressure	+67.5 psf -70.8 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

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



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

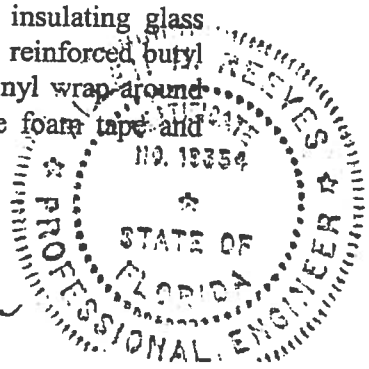
Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

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.

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

Allen N. Reeves
1 APRIL 2002



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 H. REEVES
CERTIFICATE
NO. 19356
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Allen H. Reeves
1 APRIL 2002

Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

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

Test Results:

The results are tabulated as follows:

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. 1937 ★ 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

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

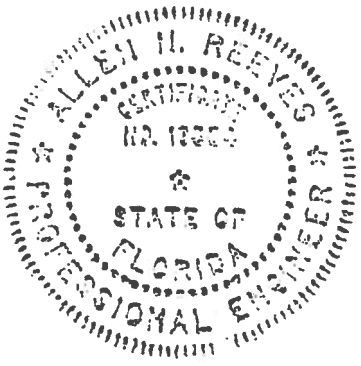
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification.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

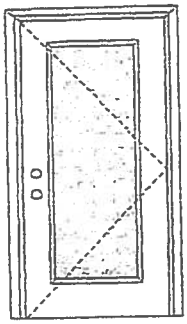


X
Glazed Inswing Unit

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".

Womack Hersey

Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etsemko.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


135 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


204 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).

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

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 centre.

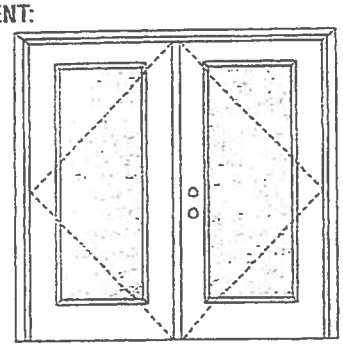
Johnson EntrySystems

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:

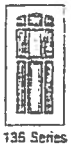
Compliance requires that minimum installation details have been followed – see MID-WL-MA0002-02.

APPROVED DOOR STYLES:

1/4 GLASS:


100 Series

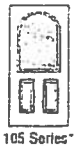

133, 135 Series

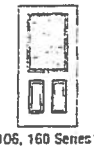

136 Series


680 Series


822 Series

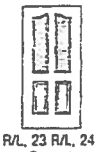
1/2 GLASS:


105 Series*


106, 160 Series*

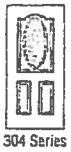

129 Series*


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

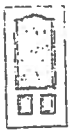
Exclusively from

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:


404 Series


410 Series


450 Series

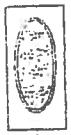
FULL GLASS:


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
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:

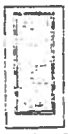

404 Series


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

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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 Balthy

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
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 DOOR STYLES:

3/4 GLASS:

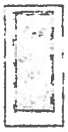

404 Series


410 Series


450 Series

FULL GLASS:


109 Series


114, 120, 122 Series


152 Series


149 Series


300 Series

APPROVED SIDELITE STYLES:

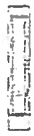

680 Series


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

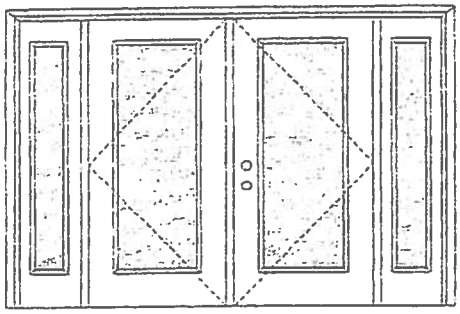
Test Data Review Certificate #3025447A and COP/Test Report Validation Matrix #3025447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

OXXO
Glazed Inswing Unit

COP-WL-JH4145-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

Double Door with 2 Sidelites
Maximum unit size = 12'0" x 5'8"

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:

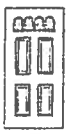
Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

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


660 Series

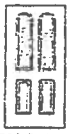

822 Series

1/2 GLASS:


105 Series*

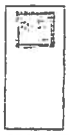

106, 160 Series*


129 Series*


200 Series*


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


107 Series*


108 Series


304 Series

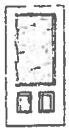
*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson™

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:

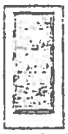

404 Series


410 Series


450 Series

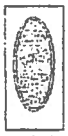
FULL GLASS:


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

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Johnson™ EntrySystems

June 17, 2002

PREMDOR Collection Premium Quality Doors

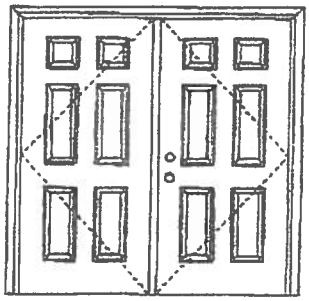
Exclusively from Masonite®
Masonite International Corporation

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
Tested 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.

Warnock Hersey

Test Data Review Certificate #30264474 and COP/Test Report Validation Matrix #30264474-001 provide additional information - available from the ITS/WH website (www.intertek.com), the Masonite website (www.masonite.com) or the Masonite technical center.

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:


Flush


Arch Top 5-panel


3-panel


6-panel


New England 4-panel


Eyebrow 4-panel


8-panel


9-panel


15-panel


5-panel


6-panel with scroll


Eyebrow 5-panel


Eyebrow 5-panel with scroll

Johnson EntrySystems

June 17, 2002
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PREMDOOR Premium Quality Doors

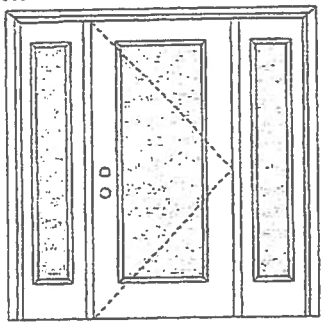
Masonite International Corporation

OXO
Glazed Inswing Unit

COP-WL-JH4144-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Single Door with 2 Sidelites
Maximum unit size = 5'0" 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*

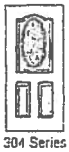

129 Series*


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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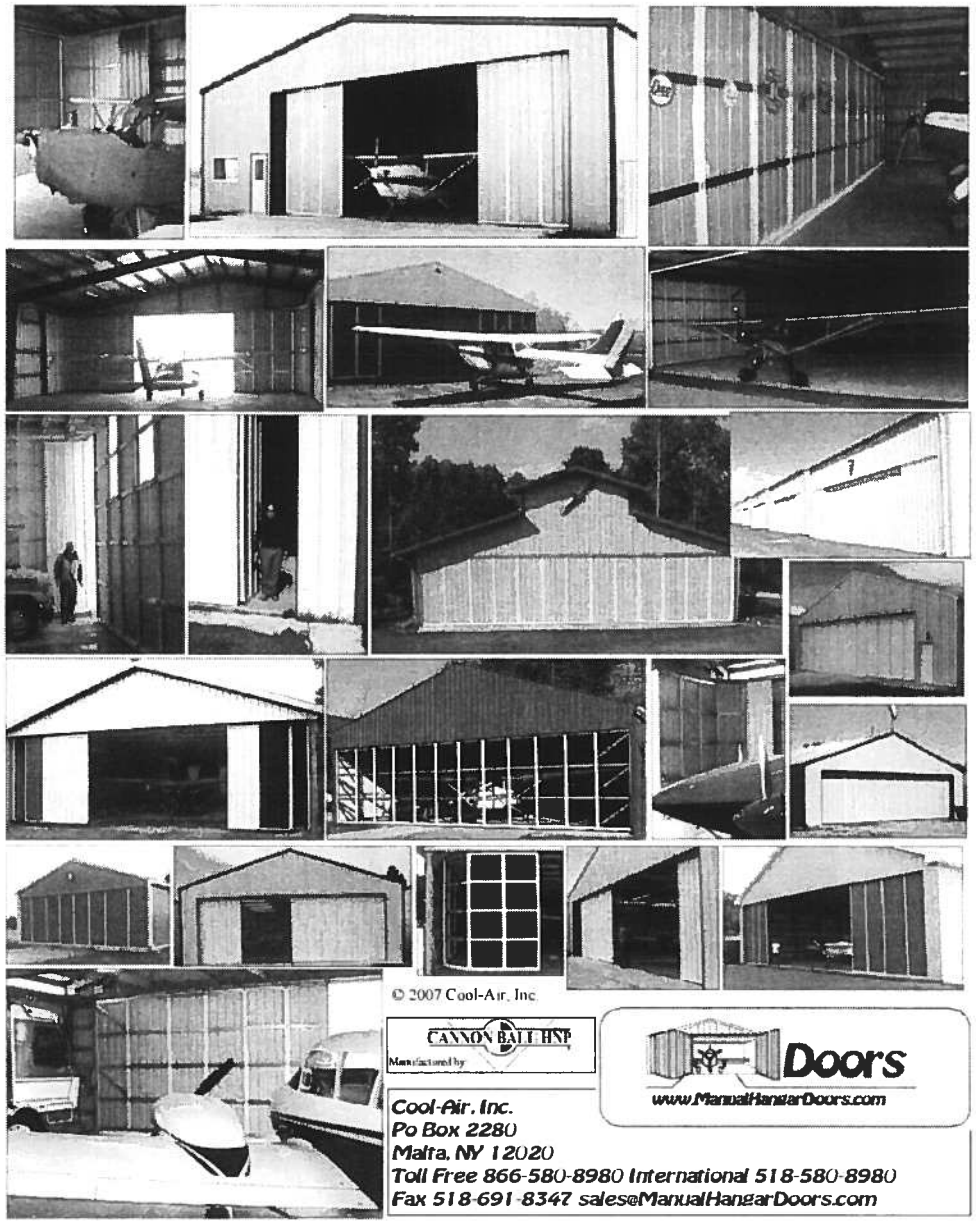
PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation



CANNON BALL HSP
Manufactured by

Doors
www.ManualHangarDoors.com

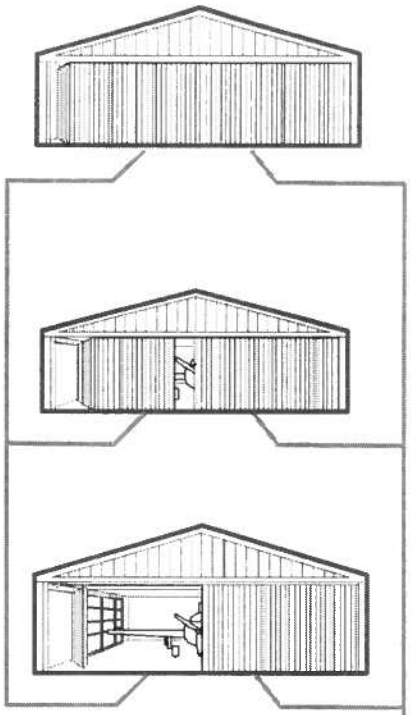
Cool-Air, Inc.
Po Box 2280
Malta, NY 12020
Toll Free 866-580-8980 International 518-580-8980
Fax 518-691-8347 sales@ManualHangarDoors.com

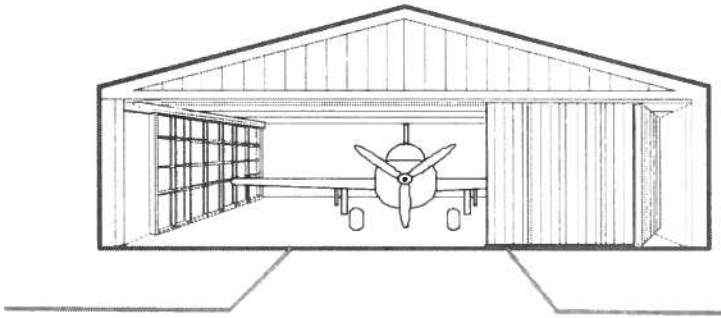
Doors
www.ManualHangarDoors.com

Cool-Air CSA-2.5-IS Multiple Panel Inside Radius Corner Sliding Door System

Flexible Design works New and Retrofit Construction, Metal or Wood Building, Reduces Overall Cost.

Provides a Safe Manually Operated Door That Works in Virtually Any Weather!



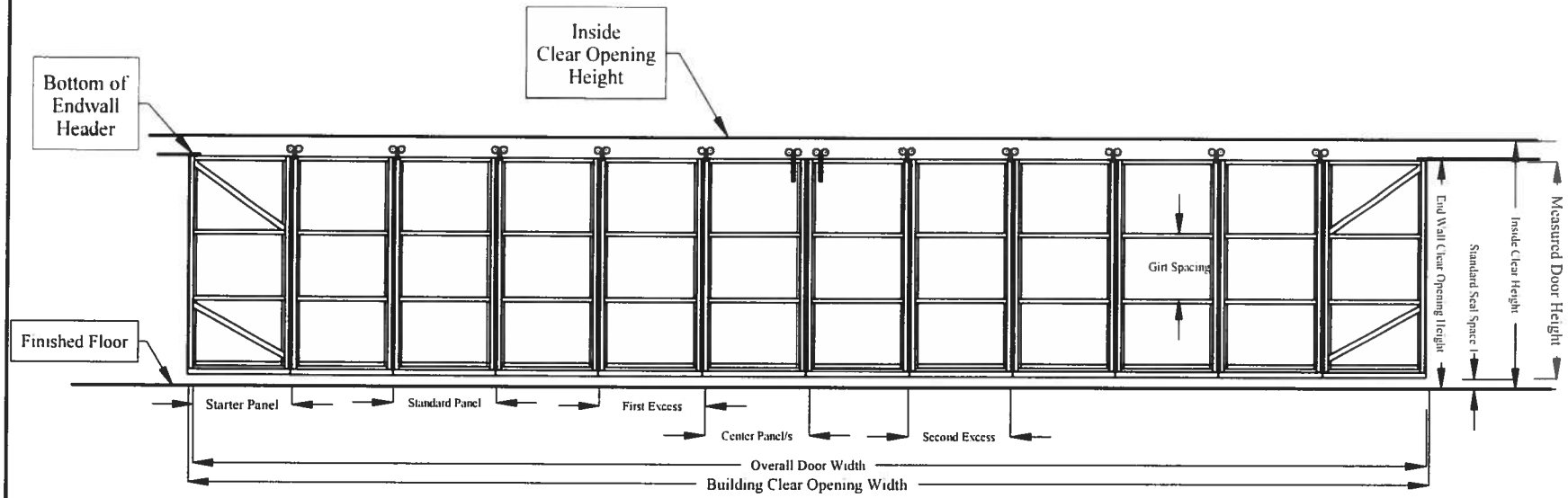


Manufactured under License
by Cannon Ball : HNP For:

Doors

www.ManualHangarDoors.com

Check Actual System
for Panel and Girt Quantity
Print Shows
12 Panel - 3 Girt Plus Bottom Rail



Feet	Inches	Specifications for Print Dimensions		
40	0	Actual Clear Opening Width	Door Series	CSA-2.5+
9	6	Actual Clear Opening Height	**Total Panels**	**12**
3	4.12	Starter Panel width	**Panel Qty**	**2**
3	4.12	Standard Sliding Panel Width	**Panel Qty**	**9**
3	1.495	First Excess Panel Width (if required)	**Panel Qty**	**1**
0	0	Second Excess Panel Width (if required)	**Panel Qty**	**0**
39	11	Actual Finished Door Width with 1/2" end space each side		
39	2	Usable Width with door Open (If Interior width is same as Opening width)		
	1.5	Seal Space Under Door		
	5.5	Space required for Door Installation on rear face of Header		
	yes	Header height will be reduced to provide height for side wall track		
9	0.5	Adjusted Clear opening height after Header is lowered		
8	10.01	Measured Door Height	**Header lowered by**	**5.5**
8	8	Sheeting Height (For Covering Supplied By Others) Confirm at Site		
8	8	Actual Length of Vertical as shipped		
2	10.25	Horizontal Girt Spacing (Top to Top of Girt)	**Girt Qty**	**3**

Approved as Is

Date

Approved with Changes Noted:

Date:

Cool-Air, Inc	Multiple Panel Inside Slider
Actual System 12 Panel 3 Girt Plus Bottom Rail	8/13/2007
Door System CSA-2.5+ or CSA-4.5	**Edgley Construction**

Cool-Air, Inc. CSA-2.5+IS Inside Sliding Door System

Doors

www.ManualHangarDoors.com

Lets you slide the door inside safely away from wind and weather

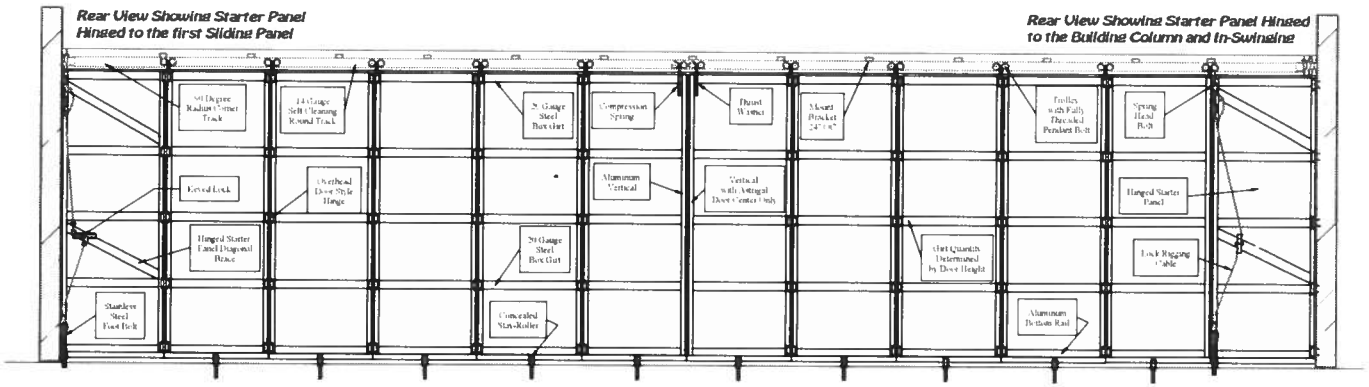
This Very Special Design finally makes the Inside Slider concept work! Just like a garage door going sideways - Narrow panels only 40" wide, just the right width for a single sheet of steel covering, are perfectly sized to be hinged to each other and slide around the corner with out binding in the overhead track. This concept is also somewhat like a pocket door because it leaves the side wall space usable for storage. Depending on the installation preference, the door stores within four inches of the wall. Shelves or work benches can be placed beside the stored door. One or two panels either larger or smaller than the standard 40" panel are supplied to make the door fit any opening.

The door frame combines aluminum extrusions which have complex shapes with more economical roll formed steel box tube girts to gain maximum strength with minimum weight. All members are maintenance free with the exposed aluminum pre-painted giving a long life finish. The component design makes for quick site assembly and low cost shipping. Reducing your overall cost considerably.

The narrow panel design provides simple – straight forward operation. Open the keyed lock and swing open the hinged starter panel for access to the building. The Starter Panel can optionally be hinged to the first sliding panel or directly on the building. Then Slide the remaining panels around the corner to safely store inside down the side wall. The security of the concealed stay-rollers withstands wind pressure whether the door is closed or moving. One person can safely operate this door system in almost any condition.

Rear View Showing Starter Panel Hinged to the first Sliding Panel

Rear View Showing Starter Panel Hinged to the Building Column and In-Swinging



Typical 40' X 12' Door Frame Shown

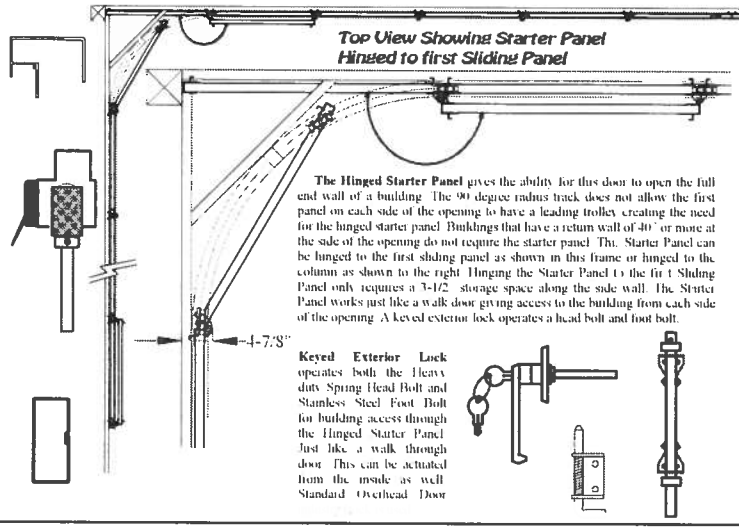
Narrow Panel Width Design Allows Easy Door Movement

CSA-2.5 Complex Structural Aluminum vertical rail components and bottom rail extruded from 6063-T5 material. Pre-painted white and will not rust or require maintenance. Unique shapes fit together easily, have a self trimming "J" trim feature and provides the ability to assemble easily in the field using TEK screws. CSA-4.5 Components offered for high loads.

Concealed Stay Rollers are the key to the safe operation of this door. This heavy nylon roller on a steel pin is inserted into a hole drilled in the floor. There is one for each panel except the Starter Panel and they are easily removed after the door is open if need be. The bottom rail automatically fits over the roller as the door opens or closes and the door is secure from the wind. Foot Bolts are optionally available or a combination of the two.

Roll-Formed 20 Gauge Galvanized Steel box tube girt snuggly fits into the aluminum vertical to create the door structure and provide the solid base needed for the exterior sheeting attachment. Also used for the diagonal Brace in the hinged starter panel for truss like strength and allows virtually any sheeting options.

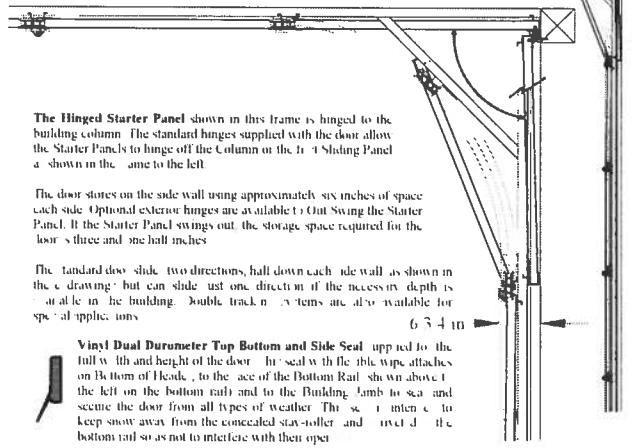
Top View Showing Starter Panel Hinged to first Sliding Panel



The Hinged Starter Panel gives the ability for this door to open the full end wall of a building. The 90 degree radius track does not allow the first panel on each side of the opening to have a leading trolley, creating the need for the hinged starter panel. Buildings that have a return wall of 40" or more at the side of the opening do not require the starter panel. This Starter Panel can be hinged to the first sliding panel as shown in this frame or hinged to the column as shown to the right. Hinging the Starter Panel to the first Sliding Panel only requires a 3-1/2" storage space along the side wall. The Starter Panel works just like a walk door giving access to the building from each side of the opening. A keyed exterior lock operates a head bolt and foot bolt.

Keyed Exterior Lock operates both the Heavy duty Spring Head Bolt and Stainless Steel Foot Bolt for building access through the Hinged Starter Panel. Just like a walk through door. This can be actuated from the inside as well. Standard Overhead Door

Top View Showing Starter Panel Hinged to the Building Column and In-Swinging



The Hinged Starter Panel shown in this frame is hinged to the building column. The standard hinges supplied with the door allow the Starter Panels to hinge off the Column or the first Sliding Panel as shown in the same to the left.

The door stores on the side wall using approximately six inches of space each side. Optional exterior hinges are available to Out Swing the Starter Panel. If the Starter Panel swings out, the storage space required for the door is three and one half inches.

The standard door slides two directions, half down each side wall as shown in the drawing, but can slide just one direction if the necessary depth is not available in the building. Double track systems are also available for special applications.

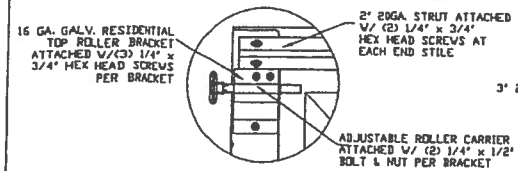
6 3 4 in

Vinyl Dual Durometer Top Bottom and Side Seal applied to the full width and height of the door. The seal with flexible wipe attaches on Bottom of Header, to the face of the Bottom Rail shown above to the left on the bottom rails and to the Building Jamb to seal and secure the door from all types of weather. The seal intends to keep snow away from the concealed stay-roller and curved the bottom rail so as not to interfere with them open.

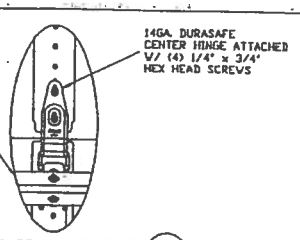
Door Support and Smooth Operation are provided by the overhead Track and Trolley System. Heavy duty self cleaning Cannon Ball℠ round track combined with lifetime delrin wide base wheel trolleys with roller bearings provide smooth operation. The hand made corner radius track section includes welded brackets and splice collars for superior strength. Splice collars join each straight track section. A Thrust Bearing let the trolley pendant rotate in the door and a Compression spring keeps tension on each trolley so multiple panels can go around the corner without binding in the track for single person operation. The trolley pendant bolt is fully threaded for maximum height adjustment and has an in/out adjustment nut. The 14 gauge straight track and 90 degree radius corner are supported 24" on center with side mount brackets.

Door Support: In Post Frame Construction the top track is attached on the rear side of an extension below the end-wall truss. In Metal Construction track attachment is to the rear of the header of the framed opening. All the door weight is supported by this track. A 90 degree radius corner track routes the door around the corner and down the side wall for open storage. New doors can even be installed on old buildings with a minimum amount of retrofit work. New buildings should not require extensive structure design needed for powered doors. Wind load is transferred from the door to the overhead track and to the floor through the concealed stay rollers. Top and bottom seals are provided and vertical joints are virtually self-sealing. Center Astragal supplied.

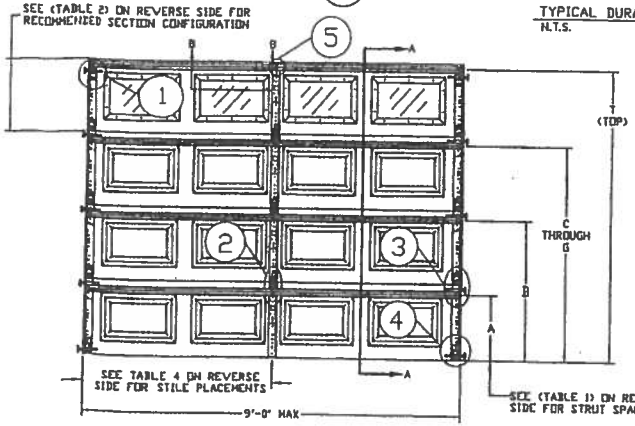
Hinge is pre-punched for easy attachment to the rear of adjacent vertical or the building column. This is secured attached to the vertical at each girt and bottom rail with a Lock Head Tek screw. each part is a heavy duty components from the overhead door industry. Optional [illegible] are available to swing each panel.



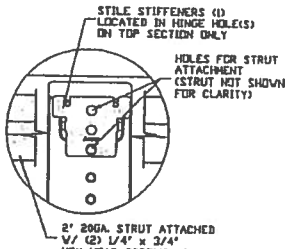
TYPICAL TOP FIXTURES
N.T.S. (1)



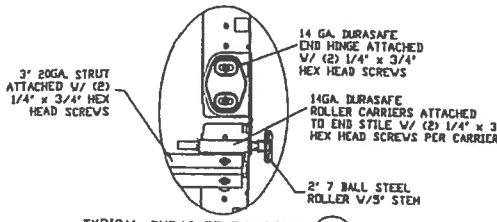
TYPICAL DURASAFE CENTER HINGE
N.T.S. (2)



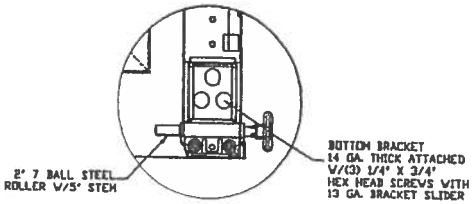
INSIDE ELEVATION
N.T.S.



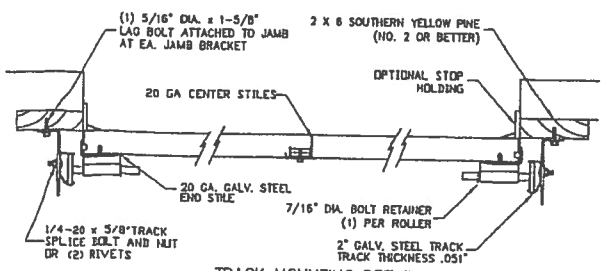
TYPICAL STILE STIFFENER
N.T.S. (5)



TYPICAL DURASAFE END HINGE
N.T.S. (3)



TYPICAL BOTTOM BRACKET
N.T.S. (4)



TRACK MOUNTING DETAIL
N.T.S.

WOOD JAMB ATTACHMENT TO STRUCTURE

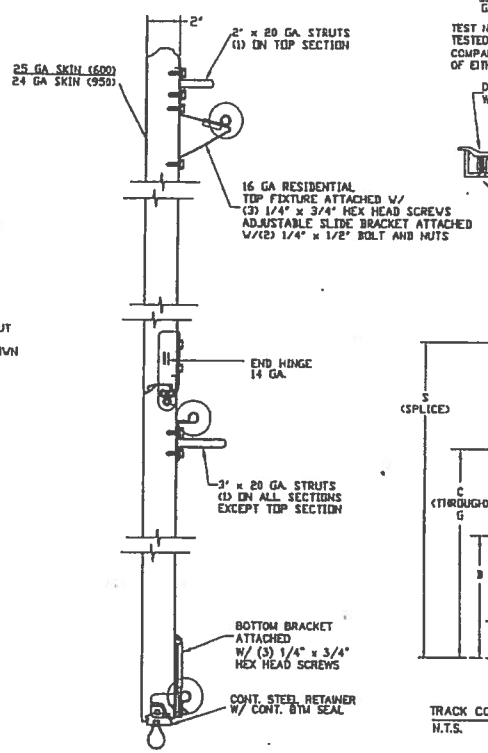
RATED FOR 120 MPH PEAK GUST; EXPOSURE B; 30' OR LESS MEAN ROOF HEIGHT

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

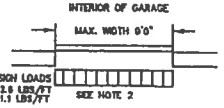
2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO C-80 BLOCK
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET TAPCON 1/4" X 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 24" O.C.(1 1/4" EMBEDMENT)

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS



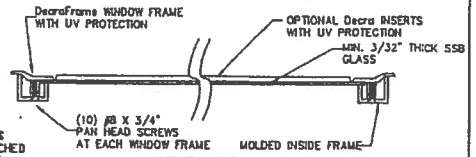
SECTION A-A (SIDE VIEW)
N.T.S.



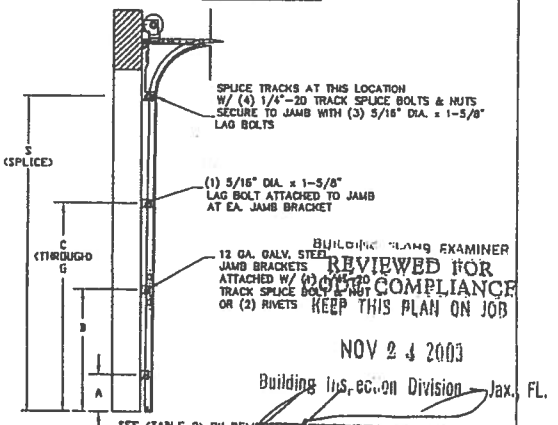
GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION

TEST No. IRC-6009-168-15 ON OCTOBER 10, 2002 INCLUDED GLAZING IN THE TESTED DOOR. THE TEST PRESSURES WERE +67.8 PSF AND -80.3 PSF. BY COMPARISION, UP TO FOUR (4) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF EITHER THE MODEL 600 OR 950 DOORS CONSTRUCTED PER THIS DRAWING.



SECTION B-B



TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS
N.T.S.

BUILDING PLANS EXAMINER
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB

NOV 24 2003

Building Inspection Division Jax. FL.

Engineer Signature
License No. PE 1347

Master Approved Plan Style

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE
9' x 14'

DESIGN LOADS
+22.8 PSF
-26.9 PSF

TEST LOADS
+34.2 PSF
-40.4 PSF

JUN 17 2003

SPECIFICATIONS AND NOTES

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK. FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +102.6 LBS/FT & -121.1 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 25 GA. MIN. (.019") ROLLED FORMED LIGHT COMMERCIAL QUALITY, G-40 GALVANIZATION
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
6. THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN DASMA 108, ASTM E330, AND THE SOUTHERN BUILDING CODE SECTION 1606 WIND LOAD DESIGN CRITERIA THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-98 WITH THE FOLLOWING PARAMETERS:
   A. BASIC WIND SPEED OF 120 MPH (PEAK GUST)
   B. DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
   C. 30' OR LESS MEAN ROOF HEIGHT AT ANY SLOPE
   D. USE FACTOR OF 1.0
   E. EXPOSURE RATING OF B
7. REFER TO TABLES ON THE REVERSE SIDE FOR ADDITIONAL DOOR WIDTHS AND THEIR DESIGN PRESSURES

Amarr GARAGE DOORS
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

MODEL #600 STRATFORD w/DuraSafe
MODEL 950 HERITAGE w/DuraSafe
Short Panel, Long Panel, and Flush Panel

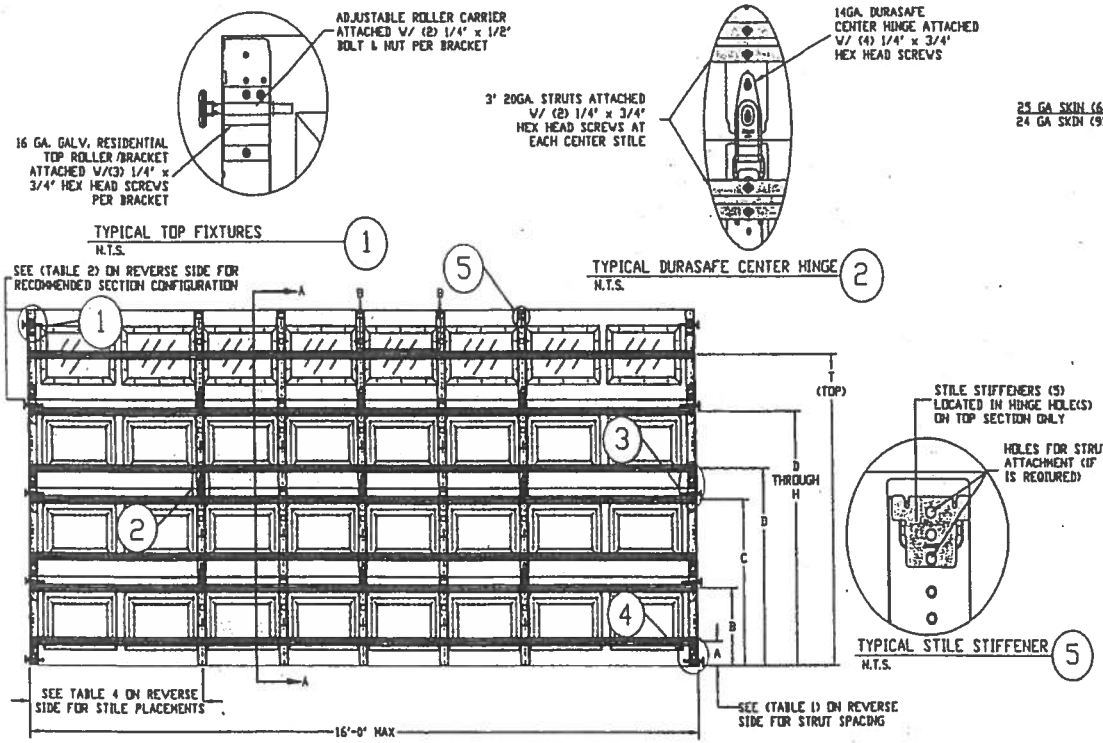
SIZE	DRAWN BY	DLJ	DATE 05/14/03	DRAWING NUMBER
B	CHECKED BY	AAE	DATE 05/14/03	IRC-6009-120-15

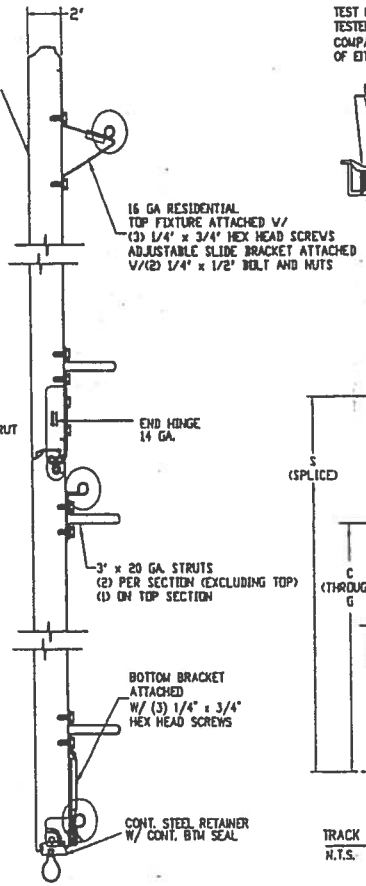
ENGINEER: THOMAS L. SHUMBERNE P.E. LIC. No. 0048579 | SHEET 1 OF 1

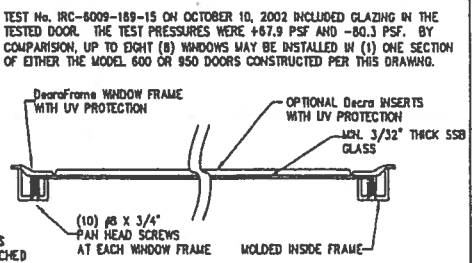
GLAZING OPTION CROSS SECTION

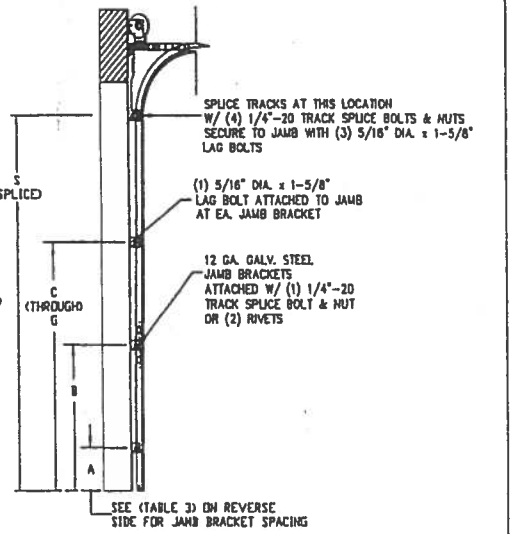
GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION

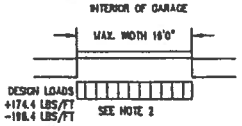
TEST No. IRC-6009-189-15 ON OCTOBER 10, 2002 INCLUDED GLAZING IN THE TESTED DOOR. THE TEST PRESSURES WERE +67.9 PSF AND -80.3 PSF. BY COMPARISON, UP TO EIGHT (8) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF EITHER THE MODEL 600 OR 950 DOORS CONSTRUCTED PER THIS DRAWING.











SPECIFICATIONS AND NOTES

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS. THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +174.4 LBS/FT & -198.4 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 25 GA. MIN. (.018") ROLLED FORMED LIGHT COMMERCIAL QUALITY, G-40 GALVANIZATION
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
6. THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN DASMA 108, ASTM E330, AND THE SOUTHERN BUILDING CODE SECTION 1606 WIND LOAD DESIGN CRITERIA THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-98 WITH THE FOLLOWING PARAMETERS:
   A. BASIC WIND SPEED OF 120 MPH (PEAK GUST)
   B. DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
   C. 30' OR LESS MEAN ROOF HEIGHT AT ANY SLOPE
   D. USE FACTOR OF 1.0
   E. EXPOSURE RATING OF B
7. REFER TO TABLES ON THE REVERSE SIDE FOR ADDITIONAL DOOR WIDTHS AND THOR DESIGN PRESSURES

WOOD JAMB ATTACHMENT TO STRUCTURE

RATED FOR 120 MPH PEAK GUST; EXPOSURE B; 30' OR LESS MEAN ROOF HEIGHT

2 X 6 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

2 X 6 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)

2 X 8 VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET TAPCON 1/4" X 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 16" O.C.(1 1/4" EMBEDMENT)

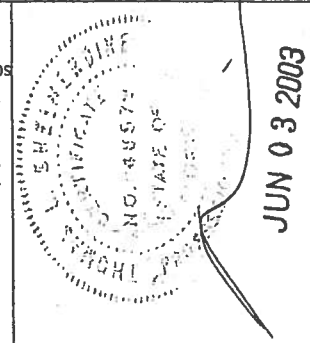
*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 16' x 14'

DESIGN LOADS +21.8 PSF -24.8 PSF

TEST LOADS +32.7 PSF -37.2 PSF



Amarr GARAGE DOORS

165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

MODEL #600 STRATFORD w/DuraSafe
MODEL 950 HERITAGE w/DuraSafe
Short Panel, Long Panel, and Flush Panel

SIZE	DRAWN BY	DATE	DRAWING NUMBER
B	CHECKED BY AJE	DATE 04/15/03	IRC-6016-120-15

ENGINEER: THOMAS L. SHUMERONE P.E. LIC. No. 004857 | SHEET 1 OF 1

Residential System Sizing Calculation

Summary

Gordon, Keith & Betty

, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

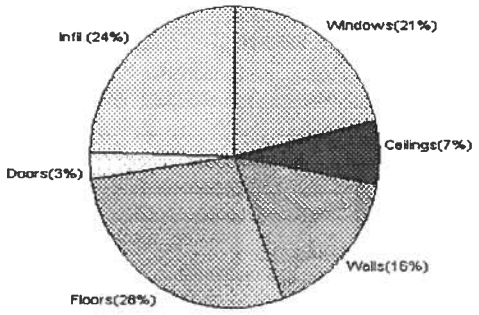
7/16/2007

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	**38322**	**Btuh**	**Total cooling load calculation**	**28117**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	117.4	45000	Sensible (SHR = 0.75)	149.1	33750
Heat Pump + Auxiliary(0.0kW)	117.4	45000	Latent	205.4	11250
			Total (Electric Heat Pump)	160.0	45000

WINTER CALCULATIONS

Winter Heating Load (for 2295 sqft)

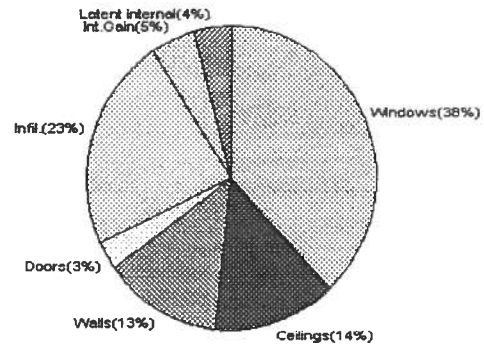
Load component			Load	
Window total	253	sqft	8144	Btuh
Wall total	1898	sqft	6233	Btuh
Door total	90	sqft	1166	Btuh
Ceiling total	2295	sqft	2704	Btuh
Floor total	249	sqft	10871	Btuh
Infiltration	227	cfm	9203	Btuh
Duct loss			0	Btuh
Subtotal			**38322**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**38322**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2295 sqft)

Load component			Load	
Window total	253	sqft	10734	Btuh
Wall total	1898	sqft	3664	Btuh
Door total	90	sqft	882	Btuh
Ceiling total	2295	sqft	3801	Btuh
Floor total			0	Btuh
Infiltration	117	cfm	2178	Btuh
Internal gain			1380	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**22639**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			4277	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**5477**	**Btuh**
TOTAL HEAT GAIN			**28117**	**Btuh**



System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Gordon, Keith & Betty
, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

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

7/16/2007

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	30.0	32.2	966 Btuh
2	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
3	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
4	2, Clear, Metal, 0.87	N	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
6	2, Clear, Metal, 0.87	SE	16.0	32.2	515 Btuh
7	2, Clear, Metal, 0.87	SE	54.0	32.2	1738 Btuh
8	2, Clear, Metal, 0.87	SE	72.0	32.2	2318 Btuh
9	2, Clear, Metal, 0.87	SW	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	SW	9.0	32.2	290 Btuh
	Window Total		253(sqft)		8144 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1387	3.3	4555 Btuh
2	Frame - Wood - Adj(0.09)	13.0	511	3.3	1678 Btuh
	Wall Total		1898		6233 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		40	12.9	518 Btuh
2	Insulated - Exterior		50	12.9	648 Btuh
	Door Total		90		1166Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2295	1.2	2704 Btuh
	Ceiling Total		2295		2704Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	249.0 ft(p)	43.7	10871 Btuh
	Floor Total		249		10871 Btuh
			Zone Envelope Subtotal:		29118 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	20655	227.2	9203 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**38322 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Gordon, Keith & Betty
, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

7/16/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	38322 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	38322 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

Gordon, Keith & Betty
, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

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

7/16/2007

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	30.0	32.2	966 Btuh
2	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
3	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
4	2, Clear, Metal, 0.87	N	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
6	2, Clear, Metal, 0.87	SE	16.0	32.2	515 Btuh
7	2, Clear, Metal, 0.87	SE	54.0	32.2	1738 Btuh
8	2, Clear, Metal, 0.87	SE	72.0	32.2	2318 Btuh
9	2, Clear, Metal, 0.87	SW	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	SW	9.0	32.2	290 Btuh
	Window Total		253(sqft)		8144 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1387	3.3	4555 Btuh
2	Frame - Wood - Adj(0.09)	13.0	511	3.3	1678 Btuh
	Wall Total		1898		6233 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		40	12.9	518 Btuh
2	Insulated - Exterior		50	12.9	648 Btuh
	Door Total		90		1166Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2295	1.2	2704 Btuh
	Ceiling Total		2295		2704Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	249.0 ft(p)	43.7	10871 Btuh
	Floor Total		249		10871 Btuh
			Zone Envelope Subtotal:		29118 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	20655	227.2	9203 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**38322 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Gordon, Keith & Betty
, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

7/16/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	38322 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	38322 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

Gordon, Keith & Betty
, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 7/16/2007

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.	6ft.	30.0	0.0	30.0	29	60	1801 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft.	4ft.	6.0	0.5	5.5	29	80	452 Btuh
3	2, Clear, 0.87, None,N,N	NW	1.5ft.	4ft.	15.0	0.0	15.0	29	60	901 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft.	4ft.	6.0	0.0	6.0	29	29	174 Btuh
5	2, Clear, 0.87, None,N,N	NW	1.5ft.	6ft.	15.0	0.0	15.0	29	60	901 Btuh
6	2, Clear, 0.87, None,N,N	SE	1.5ft.	5ft.	16.0	6.1	9.9	29	63	796 Btuh
7	2, Clear, 0.87, None,N,N	SE	4ft.	7ft.	54.0	51.6	2.4	29	63	1646 Btuh
8	2, Clear, 0.87, None,N,N	SE	10ft.	7ft.	72.0	72.0	0.0	29	63	2085 Btuh
9	2, Clear, 0.87, None,N,N	SW	1.5ft.	6ft.	30.0	9.1	20.9	29	63	1569 Btuh
10	2, Clear, 0.87, None,N,N	SW	1.5ft.	4ft.	9.0	4.6	4.4	29	63	409 Btuh
	Window Total				253 (sqft)					10734 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1387.0	2.1	2893 Btuh
2	Frame - Wood - Adj	13.0/0.09	511.0	1.5	771 Btuh
	Wall Total		1898 (sqft)		3664 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	40.0	9.8	392 Btuh
2	Insulated - Exterior	50.0	9.8	490 Btuh
	Door Total	90 (sqft)		882 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2295.0	1.7	3801 Btuh
	Ceiling Total		2295 (sqft)		3801 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	249 (ft(p))	0.0	0 Btuh
	Floor Total		249.0 (sqft)		0 Btuh

			Load
	Zone Envelope Subtotal:		19081 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.34	20655	117.0	2178 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	**22639 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Gordon, Keith & Betty

, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

7/16/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**22639 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**22639 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**22639 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	4277 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	**5477 Btuh**
	TOTAL GAIN	**28117 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

Gordon, Keith & Betty

, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

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

7/16/2007

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.	6ft.	30.0	0.0	30.0	29	60	1801 Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft.	4ft.	6.0	0.5	5.5	29	80	452 Btuh
3	2, Clear, 0.87, None,N,N	NW	1.5ft.	4ft.	15.0	0.0	15.0	29	60	901 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft.	4ft.	6.0	0.0	6.0	29	29	174 Btuh
5	2, Clear, 0.87, None,N,N	NW	1.5ft.	6ft.	15.0	0.0	15.0	29	60	901 Btuh
6	2, Clear, 0.87, None,N,N	SE	1.5ft.	5ft.	16.0	6.1	9.9	29	63	796 Btuh
7	2, Clear, 0.87, None,N,N	SE	4ft.	7ft.	54.0	51.6	2.4	29	63	1646 Btuh
8	2, Clear, 0.87, None,N,N	SE	10ft.	7ft.	72.0	72.0	0.0	29	63	2085 Btuh
9	2, Clear, 0.87, None,N,N	SW	1.5ft.	6ft.	30.0	9.1	20.9	29	63	1569 Btuh
10	2, Clear, 0.87, None,N,N	SW	1.5ft.	4ft.	9.0	4.6	4.4	29	63	409 Btuh
	Window Total				253 (sqft)					10734 Btuh

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	Ceiling Total		2295 (sqft)		3801 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	249 (ft(p))	0.0	0 Btuh
	Floor Total		249.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		19081 Btuh
Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.34	20655	117.0	2178 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		**22639 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Gordon, Keith & Betty

, FL

Project Title:
705211Gordon,Keith&Betty

Class 3 Rating
Registration No. 0
Climate: North

7/16/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**22639 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**22639 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**22639 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	4277 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	**5477 Btuh**
	TOTAL GAIN	**28117 Btuh**

*Key: Window types (Pn - Number of panes of glass)
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(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

Gordon, Keith & Betty

, FL

Project Title:
705211Gordon,Keith&Betty

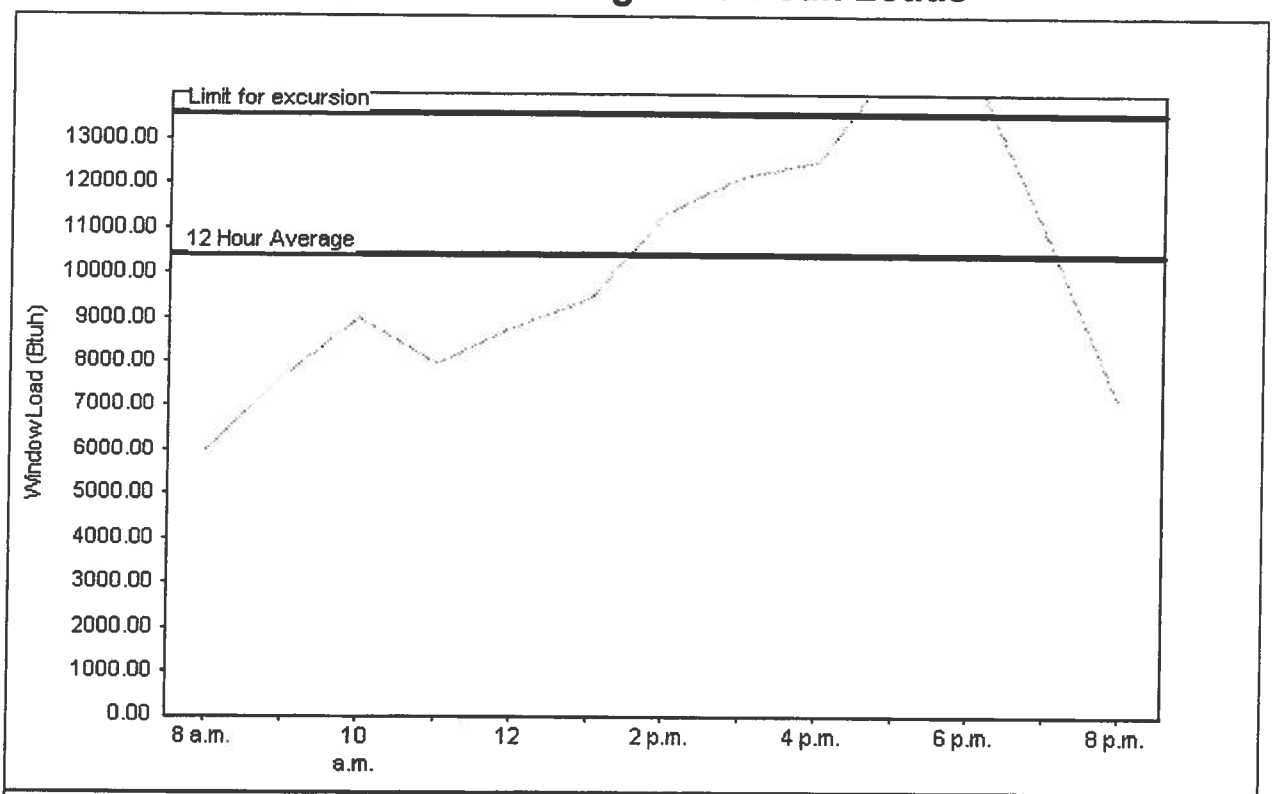
Class 3 Rating
Registration No. 0
Climate: North

7/16/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	10422 Btu
Summer setpoint	75 F	Peak window load for July	14880 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	13549 Btu
Latitude	29 North	Window excursion (July)	1332 Btuh

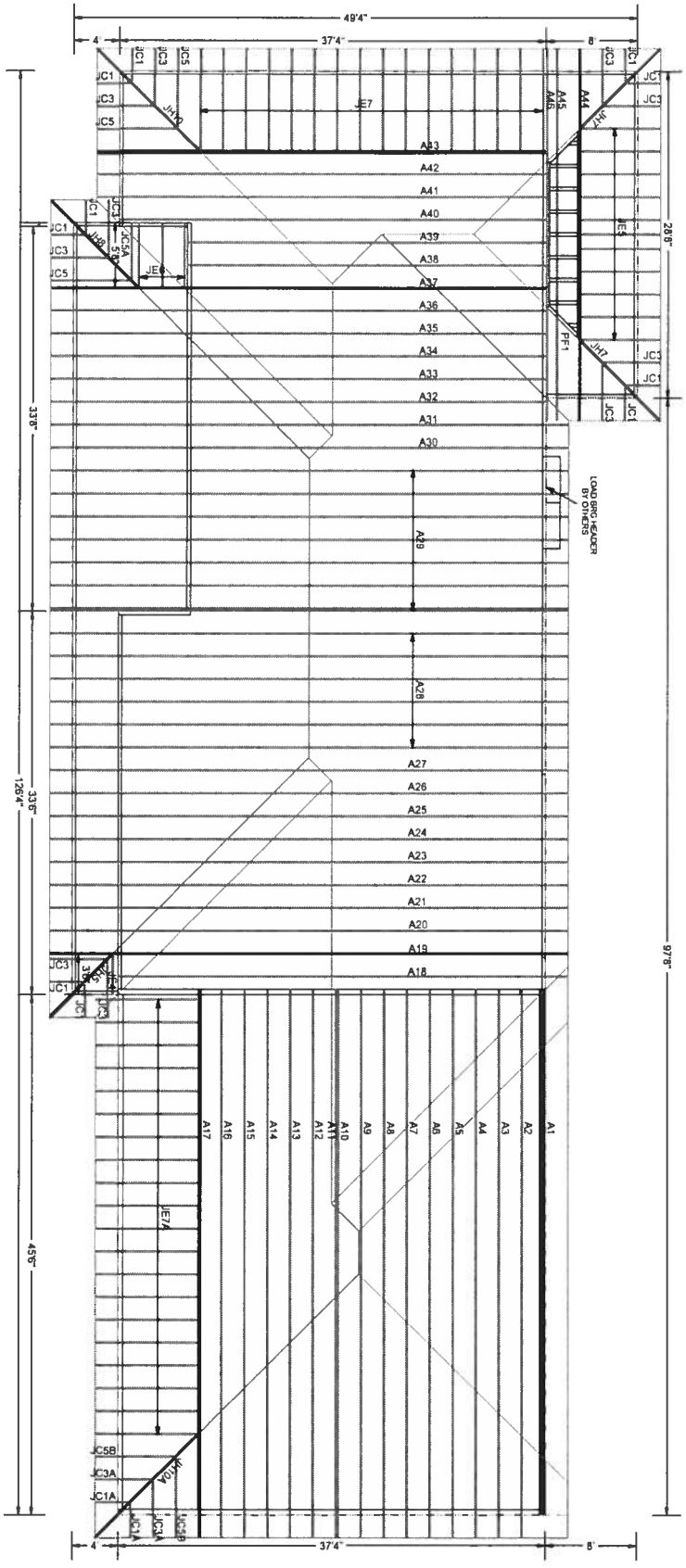
WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:
DATE: 7-16-07



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

ROOF PITCH	5/12
CLG PITCH:	FLAT
OVERHANG	24" PLUMB CUT
LOADING	40 PSF T.L./SHINGLE
WIND LOAD	110 MPH/ENCLOSED
EXT. WALLS	2x6 FRAMING
DATE	6-29-07

JOB NO: 4700	Job Name: KEITH & BETTY GORDON HANG Customer: EDGELY CONSTRUCTION Designer: Chris McCall
PAGE NO: 1 OF 1	

Cal-Tech Testing, Inc.

• Engineering P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
• Geotechnical 6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)4047
• Environmental 2230 Greensboro Hwy • Quincy, FL 32351 • Tel(850)442-3495 • Fax(850)442-4008
Laboratories

26291

DATE: 10/24/07
JOB NO.: 01530

REPORT OF IN-PLACE DENSITY TEST - Page 2

PROJECT: Brad Zoller Hangar
CLIENT: Edgler Const

ASTM METHOD	SOIL USE
✓	Pad 95

SPECIFICATION REQUIREMENTS:

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft³)	MOISTURE PERCENT	DRY DENSITY (lb/ft³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	N Corner S of Wall	12	114.2	6.9	106.8	Proctor	1079	99
2	S Corner "	1	115.7	7.1	108.0			100
3	E Corner "	1	116.7	8.8	107.3			99
4	W Corner "	1	116.5	8.9	106.9			99
5	Cent. Pad	1						

REMARKS:

PROCTORS

PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft³)	OPT. MOIST.	TYPE
Proctor		107.9	11.1	
1				

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company. # 26291

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: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB102478 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Equity Trust Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 202 S.W. Challenger Loop Lake City, FL 32

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

Section 4: Treatment Information

Date(s) of Treatment(s) 10-31-07
Brand Name of Product(s) Used Dursban
EPA Registration No. 5344-144
Approximate Final Mix Solution % 1%
Approximate Size of Treatment Area: Sq. ft. 2475 Linear ft. _____ Linear ft. of Masonry Voids _____
Approximate Total Gallons of Solution Applied 245
Was treatment completed on exterior? ☒ Yes ☐ No
Service Agreement Available? ☒ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____
Comments Treated 45'x45' mono slab
Name of Applicator(s) Steve Brannon Certification No. (if required by State law) _____

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

Authorized Signature _____ Date 10-31-07

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)

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001459

DATE 09/28/2007 PARCEL ID # 12-4S-16-02941-119

APPLICANT KIMMY EDGLEY/MARILYN EDGLEY PHONE 386.752.0580

ADDRESS 590 SW ARLINGTON BLVD., STE 113 LAKE CITY FL 32025

OWNER KEITH & BETTY GORDON PHONE

ADDRESS 244 SW PLANTATION TERRACE LAKE CITY FL 32025

CONTRACTOR DOUGLAS EDGLEY PHONE 386.752.0580

LOCATION OF PROPERTY 90-W TO C-341,TL TO BROTHERS LANE,TL TO PLANTATION,TL TO COLONIAL PLACE,LOT ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SOUTHERN LANDINGS AV 19

SIGNATURE Marilyn J Edgley

INSTALLATION REQUIREMENTS

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

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

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

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

Amount Paid 25.00