Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0601-01 Date Received 1/3/06 By GT Permit # 24034/944

Application Approved by - Zoning Official BLK Date 03.01.06 Plans Examiner OK JTH Date 1-11-05

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

Comments

FEH / NOC

Applicants Name SUSAN ANN FAIR Phone 386-752-1711 -5613

Address 224 SW VERNON WAY, LAKE CITY, FL 32024

Owners Name CORNERSTONE DEVELOPERS Phone 386-752-1711

911 Address 152 SE VICTORIA GLN. LAKE CITY FL 32025

Contractors Name BRYAN ZECHER Phone 386-752-8653

Address PO BOX 815 LAKE CITY FL 32055

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address NA

Architect/Engineer Name & Address MARK DISOSWAY PO BOX 868 LAKE CITY FL 32056

Mortgage Lenders Name & Address NA

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

Property ID Number 15-4S-17-08359-114 Estimated Cost of Construction 80,000.00

Subdivision Name COUNTRY SIDE ESTATES Lot 14 Block ____ Unit ____ Phase ____

Driving Directions BAYA TO OLD COUNTRY CLUB. TR & GO 3 MILES TO VICTORIA GLEN. TL & LOT IS 2ND ON RIGHT

Type of Construction FRAME & HARDI Number of Existing Dwellings on Property 0

Total Acreage 40 Acres Lot Size .50 Do you need a (Culvert Permit) or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 27' Side 56' Side 56' Rear 59'

Total Building Height 16'7" Number of Stories 1 Heated Floor Area 1400 Roof Pitch 6/12

Porch 35 GARAGE 494 TOTAL 1929

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.

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CBC054575

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 2 day of January 20 06.

Personally known ✓ or Produced Identification ____

Notary Signature

SHARON D. JOHNSON
MY COMMISSION #DD366021
EXPIRES: OCT 26, 2008

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	511102TheMatthewModel	Builder:	Bryan Zecher
Address:	Lot: 14, Sub: Country Side, Plat:	Permitting Office:	Columbia
City, State:	, FL	Permit Number:	24034
Owner:	Model House	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 26.0 kBtu/hr SEER: 10.00
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	13. Heating systems	
6. Conditioned floor area (ft²)	1400 ft²	a. Electric Heat Pump	Cap: 26.0 kBtu/hr HSPF: 7.00
7. Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor: (or Single or Double DEFAULT) 7a.	Description Area (Dble Default) 60.5 ft²	c. N/A	
b. SHGC: (or Clear or Tint DEFAULT) 7b.	(Clear) 60.5 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 40.0 gallons EF: 0.92
a. Slab-On-Grade Edge Insulation	R=0.0, 164.0(p) ft	b. N/A	
b. N/A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
9. Wall types			
a. Frame, Wood, Adjacent	R=13.0, 172.0 ft²		
b. Frame, Wood, Exterior	R=13.0, 927.0 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1450.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 160.0 ft		
b. N/A			

Glass/Floor Area: 0.11 Total as-built points: 21559 Total base points: 22656 **PASS**

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

PREPARED BY: Ben Gonzalez

DATE: 11-16-05

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

OWNER/AGENT: Chris W. Cy

DATE: 1-2-06

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: _____

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

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: 14, Sub: Country Side, Plat: , , FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1400.0	20.04	5050.1	Double, Clear	E	1.5	5.5	75.0	42.06	0.90	2827.4	
				Double, Clear	E	12.5	7.5	20.0	42.06	0.41	347.3	
				Double, Clear	S	1.5	3.5	7.5	35.87	0.70	189.3	
				Double, Clear	W	6.5	7.0	14.0	38.52	0.55	295.3	
				Double, Clear	W	0.0	0.0	30.0	38.52	1.00	1155.7	
				Double, Clear	N	1.5	3.5	6.0	19.20	0.86	99.0	
				As-Built Total:				**152.5**			**4913.9**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	172.0	0.70	120.4	Frame, Wood, Adjacent			13.0	172.0	0.60		103.2	
Exterior	927.0	1.70	1575.9	Frame, Wood, Exterior			13.0	927.0	1.50		1390.5	
Base Total:	**1099.0**		**1696.3**	**As-Built Total:**				**1099.0**			**1493.7**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	20.0	2.40	48.0	Exterior Insulated				20.0	4.10		82.0	
Exterior	40.0	6.10	244.0	Exterior Insulated				20.0	4.10		82.0	
				Adjacent Insulated				20.0	1.60		32.0	
Base Total:	**60.0**		**292.0**	**As-Built Total:**				**60.0**			**196.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1400.0	1.73	2422.0	Under Attic			30.0	1450.0	1.73 X 1.00		2508.5	
Base Total:	**1400.0**		**2422.0**	**As-Built Total:**				**1450.0**			**2508.5**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	164.0(p)	-37.0	-6068.0	Slab-On-Grade Edge Insulation			0.0	164.0(p	-41.20		-6756.8	
Raised	0.0	0.00	0.0									
Base Total:			**-6068.0**	**As-Built Total:**				**164.0**			**-6756.8**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1400.0	10.21	14294.0					1400.0	10.21		14294.0	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, Sub: Country Side, Plat: , , FL,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 17686.4			**Summer As-Built Points:**					**16649.3**
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 26000 btuh ,SEER/EFF(10.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			16649	1.00	(1.09 x 1.147 x 0.91)	0.341	1.000	6464.9
17686.4	**0.4266**	**7545.0**	**16649.3**	**1.00**	**1.138**	**0.341**	**1.000**	**6464.9**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, Sub: Country Side, 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	1400.0	12.74	3210.5	Double, Clear	E	1.5	5.5	75.0	18.79	1.04	1467.7
				Double, Clear	E	12.5	7.5	20.0	18.79	1.42	533.0
				Double, Clear	S	1.5	3.5	7.5	13.30	1.47	146.3
				Double, Clear	W	6.5	7.0	14.0	20.73	1.16	336.3
				Double, Clear	W	0.0	0.0	30.0	20.73	1.00	621.8
				Double, Clear	N	1.5	3.5	6.0	24.58	1.01	148.6
				As-Built Total:				**152.5**			**3253.7**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	172.0	3.60	619.2	Frame, Wood, Adjacent	13.0	172.0	3.30	567.6
Exterior	927.0	3.70	3429.9	Frame, Wood, Exterior	13.0	927.0	3.40	3151.8
Base Total:	**1099.0**		**4049.1**	**As-Built Total:**		**1099.0**		**3719.4**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	11.50	230.0	Exterior Insulated	20.0	8.40	168.0
Exterior	40.0	12.30	492.0	Exterior Insulated	20.0	8.40	168.0
				Adjacent Insulated	20.0	8.00	160.0
Base Total:	**60.0**		**722.0**	**As-Built Total:**	**60.0**		**496.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	1400.0	2.05	2870.0	Under Attic	30.0	1450.0	2.05 X 1.00	2972.5
Base Total:	**1400.0**		**2870.0**	**As-Built Total:**		**1450.0**		**2972.5**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	164.0(p)	8.9	1459.6	Slab-On-Grade Edge Insulation	0.0	164.0(p	18.80	3083.2
Raised	0.0	0.00	0.0					
Base Total:			**1459.6**	**As-Built Total:**		**164.0**		**3083.2**

INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points
	1400.0	-0.59	-826.0		1400.0	-0.59	-826.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, Sub: Country Side, Plat: , , FL,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**11485.2**	**Winter As-Built Points:**					**12698.8**
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 26000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
11485.2	0.6274	7205.8	12698.8	1.00	1.162	0.487	1.000	7189.4

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, Sub: Country Side, 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	0.92	3		1.00	2635.00	1.00	7905.0
				As-Built Total:							**7905.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
7545	**7206**	**7905**	**22656**	**6465**	**7189**	**7905**	**21559**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 14, Sub: Country Side, 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* = 83.6

The higher the score, the more efficient the home.

Model House, Lot: 14, Sub: Country Side, Plat: , , FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 26.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 10.00
4.	Number of Bedrooms	3			b. N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	1400 ft²			c. N/A	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description	Area	13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble Default)	60.5 ft²		a. Electric Heat Pump	Cap: 26.0 kBtu/hr
	b. SHGC:					HSPF: 7.00
	(or Clear or Tint DEFAULT) 7b.	(Clear)	60.5 ft²		b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=0.0, 164.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 40.0 gallons
	a. Frame, Wood, Adjacent	R=13.0, 172.0 ft²				EF: 0.92
	b. Frame, Wood, Exterior	R=13.0, 927.0 ft²			b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1450.0 ft²		15.	HVAC credits	
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 160.0 ft			MZ-C-Multizone cooling,	
	b. N/A				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: 1-2-06

Address of New Home: 150 SE VICTORIA GLN City/FL Zip: LAKE CITY FL. 32025

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.

BUILDING INPUT SUMMARY REPORT

PROJECT

Title:	511102TheMatthewModel	**Family Type:**	Single	**Address Type:**	Lot Information
Owner:	Model House	**New/Existing:**	New	**Lot #:**	14
# of Units:	1	**Bedrooms:**	3	**Subdivision:**	Country Side
Builder Name:	Bryan Zecher	**Conditioned Area:**	1400	**Platbook:**	(blank)
Climate:	North	**Total Stories:**	1	**Street:**	N/A
Permit Office:	(blank)	**Worst Case:**	Yes	**County:**	Columbia
Jurisdiction #:	(blank)	**Rotate Angle:**	(blank)	**City, St, Zip:**	, FL,

FLOORS

#	Floor Type	R-Val	Area/Perimeter	Units
1	Slab-On-Grade Edge Insulation	0.0	164.0(p) ft	1

DOORS

#	Door Type	Orientation	Area	Units
1	Insulated	Exterior	10.0 ft²	2
2	Insulated	Exterior	20.0 ft²	1
3	Insulated	Adjacent	20.0 ft²	1

CEILINGS

#	Ceiling Type	R-Val	Area	Base Area	Units
1	Under Attic	30.0	1450.0 ft²	1400.0 ft²	1

Credit Multipliers: None

COOLING

#	System Type	Efficiency	Capacity
1	Central Unit	SEER: 10.00	26.0 kBtu/hr

Credit Multipliers: None

WALLS

#	Wall Type	Location	R-Val	Area	Units
1	Frame - Wood	Adjacent	13.0	172.0 ft²	1
2	Frame - Wood	Exterior	13.0	927.0 ft²	1

HEATING

#	System Type	Efficiency	Capacity
1	Electric Heat Pump	COP: 7.00	26.0 kBtu/hr

Credit Multipliers: None

WINDOWS

#	Panes	Tint	Ornt	Area	OH Length	OH Hght	Units
1	Double	Clear	N	15.0 ft²	1.5 ft	5.5 ft	5
2	Double	Clear	N	10.0 ft²	12.5 ft	7.5 ft	2
3	Double	Clear	E	7.5 ft²	1.5 ft	3.5 ft	1
4	Double	Clear	S	7.0 ft²	6.5 ft	7.0 ft	2
5	Double	Clear	S	15.0 ft²	0.0 ft	0.0 ft	2
6	Double	Clear	W	6.0 ft²	1.5 ft	3.5 ft	1

DUCTS

#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
1	Uncond.	Uncond.	Interior	6.0	160.0 ft

Credit Multipliers: None

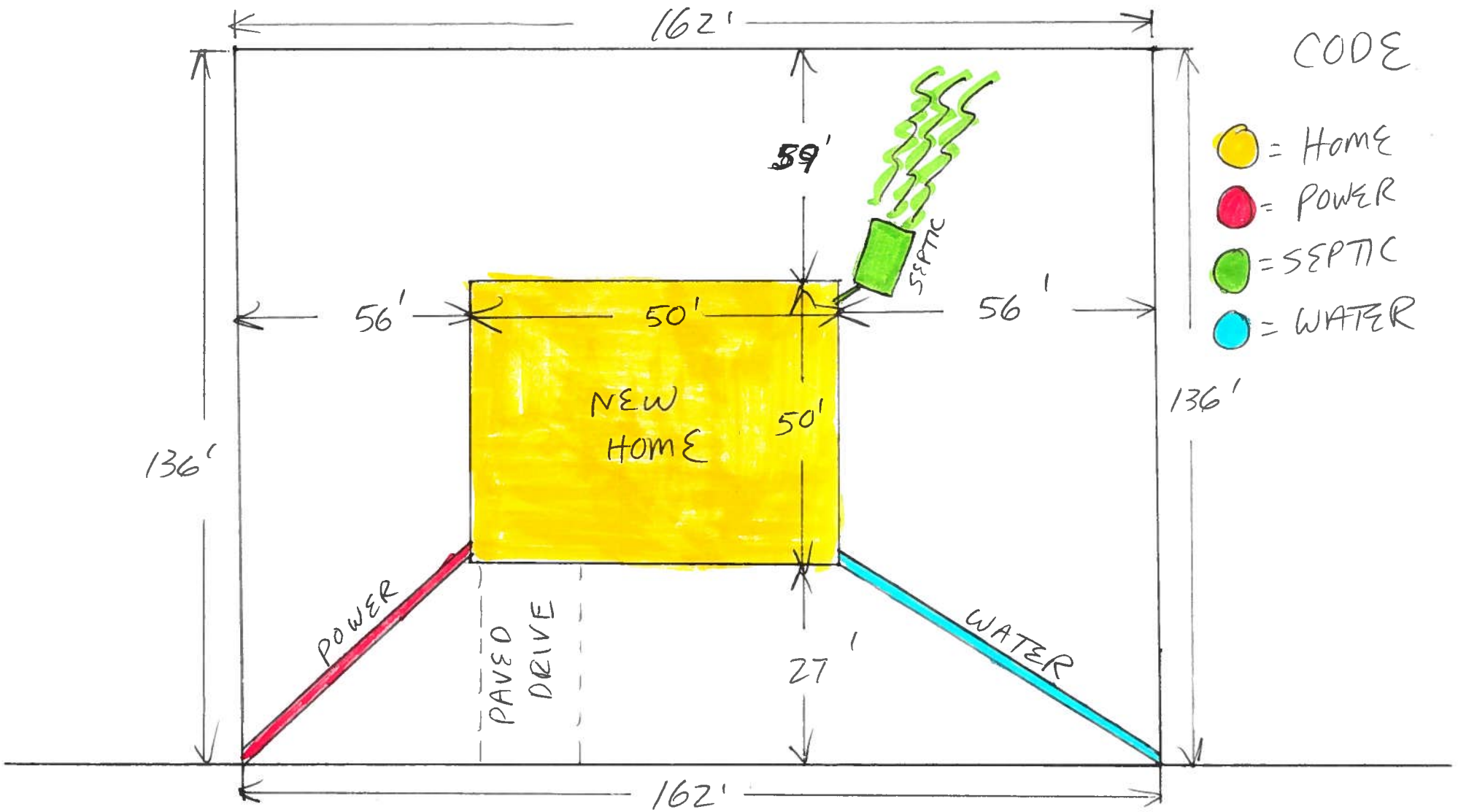
WATER

#	System Type	EF	Cap.	Conservation Type	Con. EF
1	Electric Resistance	0.92	40.0	None	0.00

REFR.

#	Use Default?	Annual Operating Cost	Electric Rate
1	Yes	N/A	N/A

COUNTRYSIDE ESTATES
COLUMBIA, COUNTY
SITE PLAN FOR LOT



SE VICTORIA GLEN

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: _____

_____ _____

(Address of Treatment or Lot/Block of Treatment) City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete foundation installation.)

6/04 ©

COLUMBIA COUNTY 9-1-1 ADDRESSING

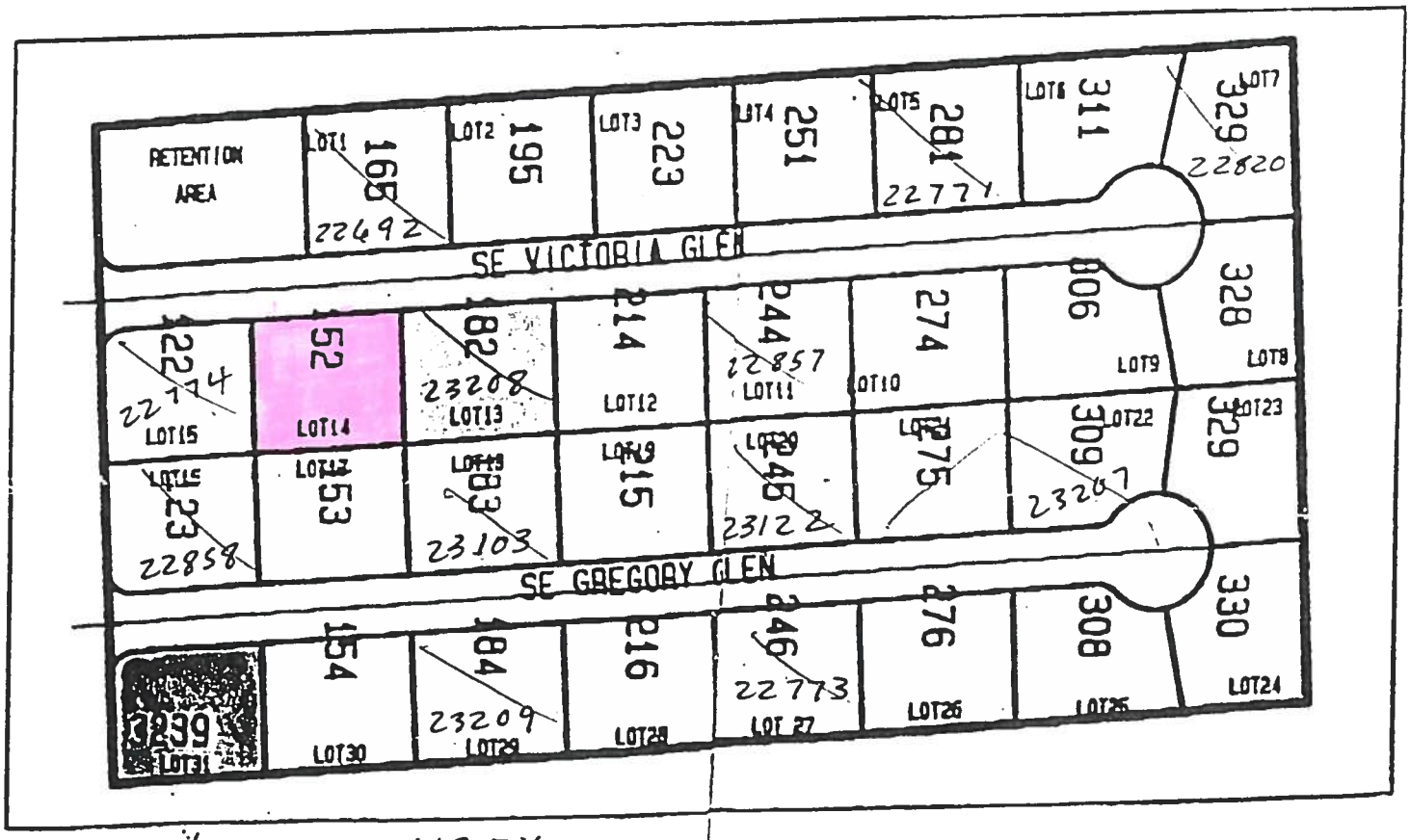
263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
PHONE: (386) 752-8787 * FAX (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

32025

Addresses for Country Side Estates Subdivision:

Lot #:	Address Assigned:
1	165 SE Victoria Glen
2	195 SE Victoria Glen
3	223 SE Victoria Glen
4	251 SE Victoria Glen
5	281 SE Victoria Glen
6	311 SE Victoria Glen
7	329 SE Victoria Glen
8	328 SE Victoria Glen
9	306 SE Victoria Glen
10	274 SE Victoria Glen
11	244 SE Victoria Glen
12	214 SE Victoria Glen
13	182 SE Victoria Glen
14	152 SE Victoria Glen
15	122 SE Victoria Glen

Lot #:	Address Assigned:
16	123 SE Gregory Glen
17	153 SE Gregory Glen
18	183 SE Gregory Glen
19	215 SE Gregory Glen
20	245 SE Gregory Glen
21	275 SE Gregory Glen
22	309 SE Gregory Glen
23	329 SE Gregory Glen
24	330 SE Gregory Glen
25	308 SE Gregory Glen
26	276 SE Gregory Glen
27	246 SE Gregory Glen
28	216 SE Gregory Glen
29	184 SE Gregory Glen
30	154 SE Gregory Glen
31	~~3239 SE Country Club Rd~~ 124 SE Gregory Glen



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1)

Rec. 15.00
Doc. 1,435.00

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 04-119

Property Appraiser's
Parcel Identification No.
15-4S-17-08359-016

Inst:2004008036 Date:04/08/2004 Time:12:28
Doc Stamp-Deed : 1435.00
DC,P.DeWitt Cason,Columbia County B:1012 P:49

WARRANTY DEED

THIS INDENTURE, made this 8th day of April 2004, BETWEEN ROLAND L. TARDIF and his wife, LOUISE TARDIF, whose post office address is 4078 SE Country Club Road, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantor*, and CORNERSTONE DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, whose post office address is 180 NW Amenity Court, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

PARCEL NO. 1:

TOWNSHIP 4 SOUTH - RANGE 17 EAST

SECTION 15: Begin at the Southeast corner of the Northwest 1/4 of Section 15, Township 4 South, Range 17 East, Columbia County, Florida, and run N 1°11'01"W, along the East line of said Northwest 1/4 a distance of 679.28 feet to the POINT OF BEGINNING; thence S 88°41'16"W, 1296.02 feet to the East right-of-way line of State Road No. S-133; thence N 1°14'10"W, along said West right-of-way line 336.70 feet; thence N 88°41'16"E, 1296.33 feet to said East line of the Northwest 1/4, Section 15; thence S 1°11'01"E, along said East line 336.70 feet to the POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

PARCEL NO. 2:

TOWNSHIP 4 SOUTH - RANGE 17 EAST

SECTION 15: Commence at the Southeast corner of the Northwest 1/4 of Section 15, Township 4 South, Range 17 East, Columbia County, Florida, and run N 01°11'01"W, along the East line of said Northwest 1/4 a distance of 343.13 feet to the POINT OF BEGINNING; thence S 88°41'16"W, 1295.71 feet to a point on the East right-of-way line of State Road No. S-133; thence N 01°14'10"W, along said

Easterly right-of-way line 336.15 feet; thence N 88°41'16"E, 1296.02 feet to a point on the East line of said Northwest 1/4 of Section 15; thence S 01°11'01"E, along said East line 336.15 feet to the POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year, & Restrictions shown on Schedule "A" attached hereto.
and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

(First Witness)
Terry McDavid
Printed Name

Roland L. Tardif (SEAL)
Roland L. Tardif

(Second Witness)
Myrtle Ann McElroy
Printed Name

Louise Tardif (SEAL)
Louise Tardif

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 8th day of April 2004, by ROLAND L. TARDIF and his wife, LOUISE TARDIF, who are personally known to me and who did not take an oath.

Notary Public
My Commission Expires:

TERRY MCDAVID
MY COMMISSION EXPIRES
January 16, 2005
DD 079305
Bonded Thru Notary Public Underwriters
NOTARY PUBLIC, STATE OF

SCHEDULE "A" ATTACHED TO WARRANTY DEED
DATED APRIL 8, 2004 FROM
ROLAND L. TARDIF & his wife, LOUISE TARDIF
TO
CORNERSTONE DEVELOPMENT GROUP, LLC

For the period of time ending twenty (20) years from this date, the property described herein shall be subject to the following restrictions:

1. No mobile homes may be placed on the property.

2. Any home built on the property shall be a single family residence having not less than 1,100 square feet of heated living area.

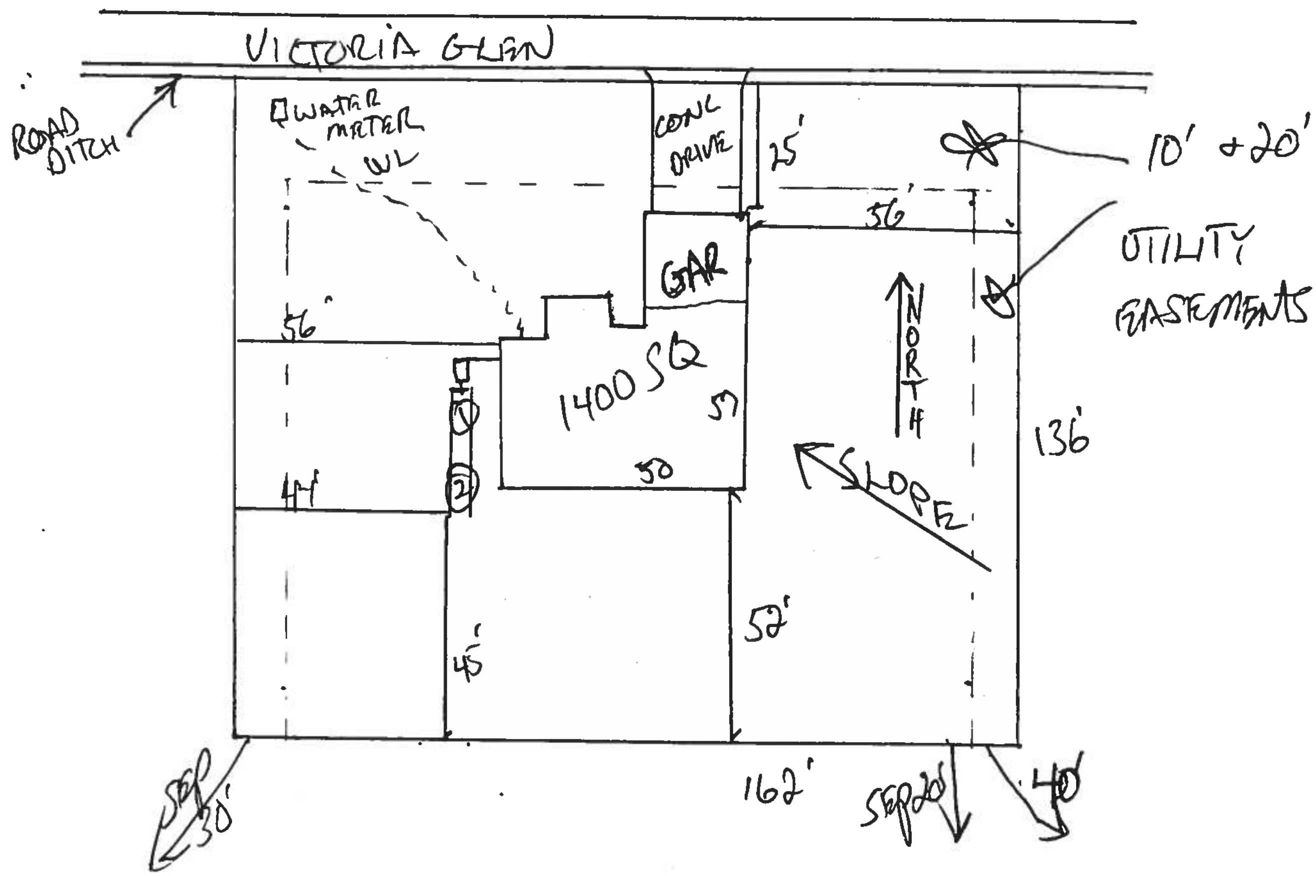
Inst:2004008036 Date:04/08/2004 Time:12:28
Doc Stamp-Deed : 1435.00
DC,P.DeWitt Cason,Columbia County B:1012 P:51

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION F0R ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0012N

PART II - SITEPLAN

Scale: 1 inch = ~~50~~ 40 feet.



Notes: ______

Site Plan submitted by: Rock D [signature] MASTER CONTRACTOR

Plan Approved X Not Approved Date 1-11-06

By Sallie Gaddy - EST - COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Lot 14, CSE

24034

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 15-4S-17-08359-114

1. Description of property: (legal description of the property and street address or 911 address)
   152 SE Victoria Glen
   Lake City, FL 32025
2. General description of improvement: New home
3. Owner Name & Address Cornerstone Development Group LLC
   180 NW Amenity Ct, Lake City, FL Interest In Property Fee Simple
4. Name & Address of Fee Simple Owner (If other than owner): _____
5. Contractor Name Bryan Zecher Construction Phone Number 386-752-8653
   Address PO Box 815, Lake City, FL 32056
6. Surety Holders Name N/A Phone Number _____
   Address _____
   Amount of Bond N/A
7. Lender Name N/A
   Address _____

Inst:2006000195 Date:01/05/2006 Time:13:04
MK DC,P.DeWitt Cason,Columbia County B:1070 P:689

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
   Name N/A Phone Number _____
   Address _____
9. In addition to himself/herself the owner designates N/A of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) - (a) 7. Phone Number of the designee N/A
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) N/A

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

X _____
Signature of Owner

Sworn to (or affirmed) and subscribed before day of Jan 4, 2006

SUSAN ANN FAIR
MY COMMISSION # DD 242845
EXPIRES: August 14, 2008
Bonded Thru Notary Public Underwriters

NOTARY STAMP/SEAL

Susan Ann Fair
Signature of Notary

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 15-4S-17-08359-114 **Building permit No.** 000024034

Use Classification SFD,UTILITY **Fire:** 41.44

Permit Holder BRYAN ZECHER **Waste:** 85.75

Owner of Building CORNERSTONE DEVELOPERS **Total:** 127.19

Location: 152 SE VICTORIA GLEN(COUNTRY SIDE,EST,LOT 14)

Date: 04/03/2006 Harry Dicks by G

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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

Reference to: Build permit application Number: 0601-01

Bryan Zecher/Cornerstone Developers Lot 14 of Country Side Estates

On the date of January 3, 2006 application 0601-01 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0601-01 when making reference to this application.

1. Please submit a recorded (with the Columbia County Clerk Office) a notice of commencement before any inspections can be preformed by the Columbia County Building Department.
2. Please provide a copy of the release, of the waste water disposal system from the Columbia County Environmental Department
3. Please have Mr. Mark Disosway supply the following information, show all required connectors with uplift rating and required number and size of fasteners for continuous tie

from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.

4. In the garage area show the method of protecting the appliances as required by the Florida Mechanical Code, Sections: 303.4 Protection from damage: Appliances shall not be installed in a location where subject to mechanical damage unless protected by approved barriers.

5. On the electrical plan show the location of the electrical panel and include the total amperage rating of the electrical service panel.

Thank you,

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

Notice of Treatment 1/1806

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: Bradenton
City LC Phone 921703

Site Location: Subdivision Countryside Est
Lot # 14 Block# _____ Permit # 24054
Address 152 SE Victoria Gln

Product used	Active Ingredient	% Concentration
☐ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Dwelling	1179	620	4

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

2-8-06 (Date) 1600 (Time) F254 (Print Technician's Name)

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

Residential System Sizing Calculation

Summary

Model House
, FL

Project Title:
511102TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

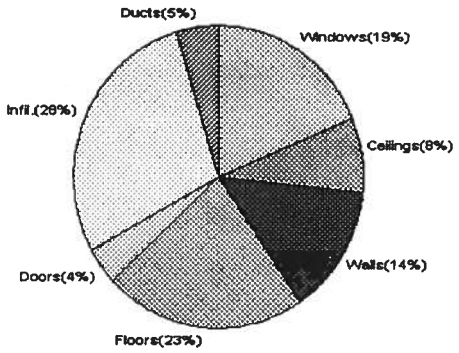
11/16/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**22966**	**Btuh**	**Total cooling load calculation**	**21806**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	113.2	26000	Sensible (SHR = 0.75)	122.8	19500
Heat Pump + Auxiliary(0.0kW)	113.2	26000	Latent	109.8	6500
			Total (Electric Heat Pump)	119.2	26000

WINTER CALCULATIONS

Winter Heating Load (for 1400 sqft)

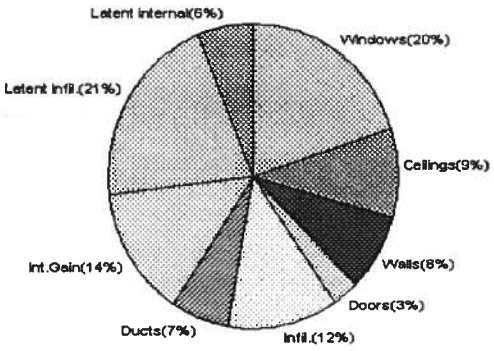
Load component			Load	
Window total	153	sqft	4316	Btuh
Wall total	1099	sqft	3149	Btuh
Door total	60	sqft	921	Btuh
Ceiling total	1450	sqft	1885	Btuh
Floor total	164	ft	5182	Btuh
Infiltration	150	cfm	6419	Btuh
Subtotal			**21872**	**Btuh**
Duct loss			1094	Btuh
TOTAL HEAT LOSS			**22966**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1400 sqft)

Load component			Load	
Window total	153	sqft	4390	Btuh
Wall total	1099	sqft	1792	Btuh
Door total	60	sqft	608	Btuh
Ceiling total	1450	sqft	2059	Btuh
Floor total			0	Btuh
Infiltration	131	cfm	2592	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			**14442**	**Btuh**
Duct gain			1444	Btuh
Total sensible gain			**15886**	**Btuh**
Latent gain(infiltration)			4541	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**5921**	**Btuh**
TOTAL HEAT GAIN			**21806**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: [signature]

DATE: 11-16-05

System Sizing Calculations - Winter

Residential Load - Component Details

Model House
, FL

Project Title:
511102TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

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

11/16/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	75.0	28.3	2122 Btuh
2	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
3	2, Clear, Metal, DEF	E	7.5	28.3	212 Btuh
4	2, Clear, Metal, DEF	S	14.0	28.3	396 Btuh
5	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
6	2, Clear, Metal, DEF	W	6.0	28.3	170 Btuh
	Window Total		153		4316 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Adjacent	13.0	172	1.6	275 Btuh
2	Frame - Exterior	13.0	927	3.1	2874 Btuh
	Wall Total		1099		3149 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		20	18.3	367 Btuh
2	Insulated - Exter		20	18.3	367 Btuh
3	Insulated - Adjac		20	9.4	188 Btuh
	Door Total		60		921Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1450	1.3	1885 Btuh
	Ceiling Total		1450		1885Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	164.0 ft(p)	31.6	5182 Btuh
	Floor Total		164		5182 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	11200(sqft)	150	6419 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			150	6419 Btuh

Totals for Heating	**Subtotal**	**21872 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1094 Btuh**
	Total Btuh Loss	**22966 Btuh**

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

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

System Sizing Calculations - Summer

Residential Load - Component Details

Model House
, FL

Project Title:
511102TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 11/16/2005

Window	Type Panes/SHGC/U/InSh/ExSh	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, DEF, N, N	N	1.5	5.5	75.0	0.0	75.0	22	22	1650 Btuh
2	2, Clear, DEF, N, N	N	12.5	7.5	20.0	0.0	20.0	22	22	440 Btuh
3	2, Clear, DEF, N, N	E	1.5	3.5	7.5	1.3	6.2	22	72	474 Btuh
4	2, Clear, DEF, N, N	S	6.5	7	14.0	14.0	0.0	22	37	308 Btuh
5	2, Clear, DEF, N, N	S	0	0	30.0	0.0	30.0	22	37	1110 Btuh
6	2, Clear, DEF, N, N	W	1.5	3.5	6.0	0.5	5.5	22	72	408 Btuh
	Window Total				153					4390 Btuh

Walls	Type	R-Value	Area	HTM	Load
1	Frame - Adjacent	13.0	172.0	1.0	179 Btuh
2	Frame - Exterior	13.0	927.0	1.7	1613 Btuh
	Wall Total		1099.0		1792 Btuh

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

Ceilings	Type/Color	R-Value	Area	HTM	Load
1	Under Attic/Dark	30.0	1450.0	1.4	2059 Btuh
	Ceiling Total		1450.0		2059 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab-On-Grade Edge Insulation	0.0	164.0 ft(p)	0.0	0 Btuh
	Floor Total		164.0		0 Btuh

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.70	11200	130.9	2592 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			131	2592 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 300	+	1200	3000 Btuh

Totals for Cooling		
	Subtotal	**14442 Btuh**
	Duct gain(using duct multiplier of 0.10)	**1444 Btuh**
	Total sensible gain	**15886 Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**4541 Btuh**
	Latent occupant gain (6 people @ 230 Btuh per person)	**1380 Btuh**
	Latent other gain	**0 Btuh**
	TOTAL GAIN	**21806 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Model House
, FL

Project Title:
511102TheMatthewModel

Class 3 Rating
Registration No. 0
Climate: North

11/16/2005

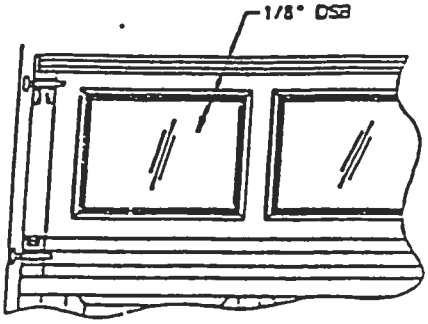
Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass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

GARAGE DOORS

REVISIONS			
LETTER	DESCRIPTION	DATE	APPROVED
A	REV PER EN 10130	3/06/98	DL
B	REV PER EN 10141	3/13/98	DL
C	REV PER EN 10152	4/28/98	DL

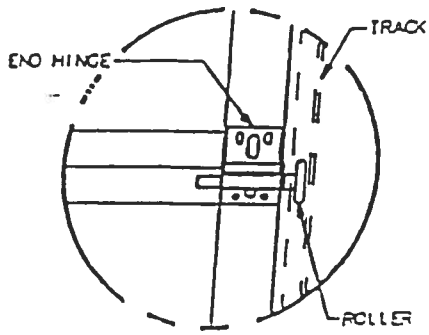
RICTED WITH 5 OR MORE SECTIONS MUST BE
E BRACE FOR THE ADDITIONAL INTERMEDIATE
ON THE THIRD SECTION.
..L SECTIONS LESS THAN 20.812" MUST BE
THE ACTUAL SECTION HEIGHT & 20.812".
1 X 5/8" LONG TYPE AB HEX HEAD METAL SCREW
4 WIND WARNINGS ISSUED.

2.



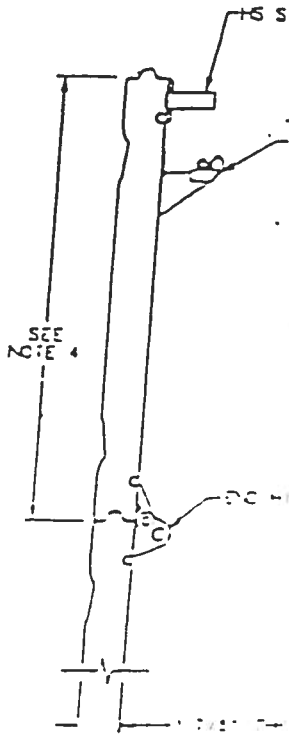
OPTIONAL WINDOW DETAIL

SCALE: 3/32



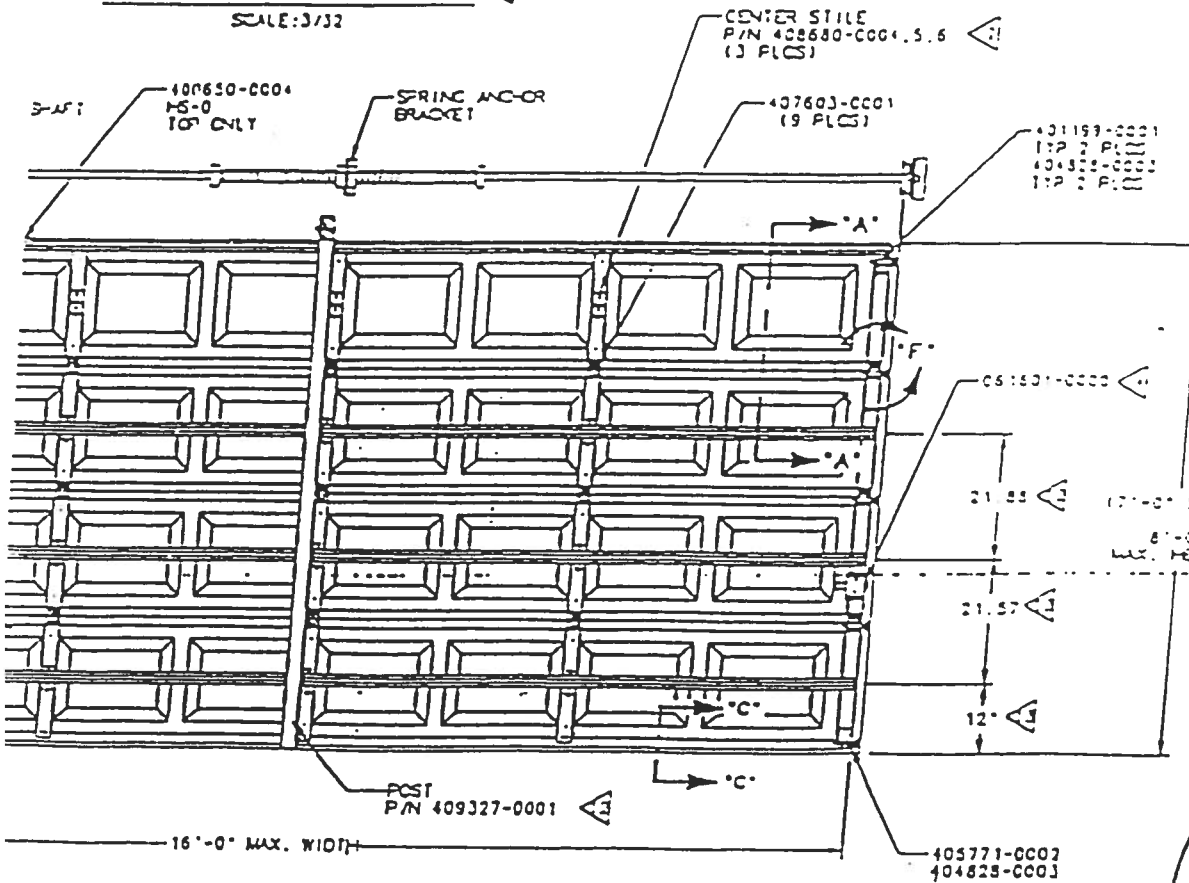
DETAIL "F"

SCALE: 1/4
(16" WIDE)



SECTION "A-A"

SCALE: 1:1



SCALE: 1/16"=1"

INTERIOR ELEVATION

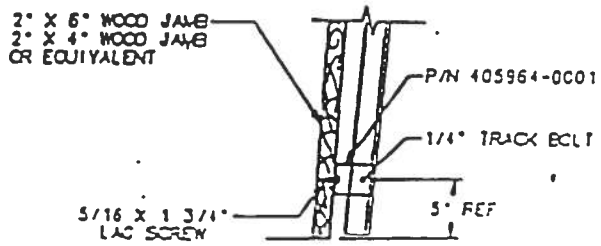
DESIGN LOAD
25 PSF =
TEST LOAD
37.5 PSF =

10/01/01

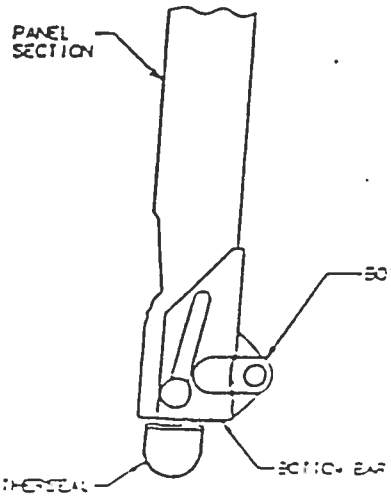
	M. YOUNIS	01/13/98	SERIES 280 & 180 RESI STL DR. 16'-0" MAX WIDTH, WIND LOAD
N/A	DAVID FAN	02/19/98	D- 409335
NONE / EACH	DAVID FAN	02/19/98	

NOTES:

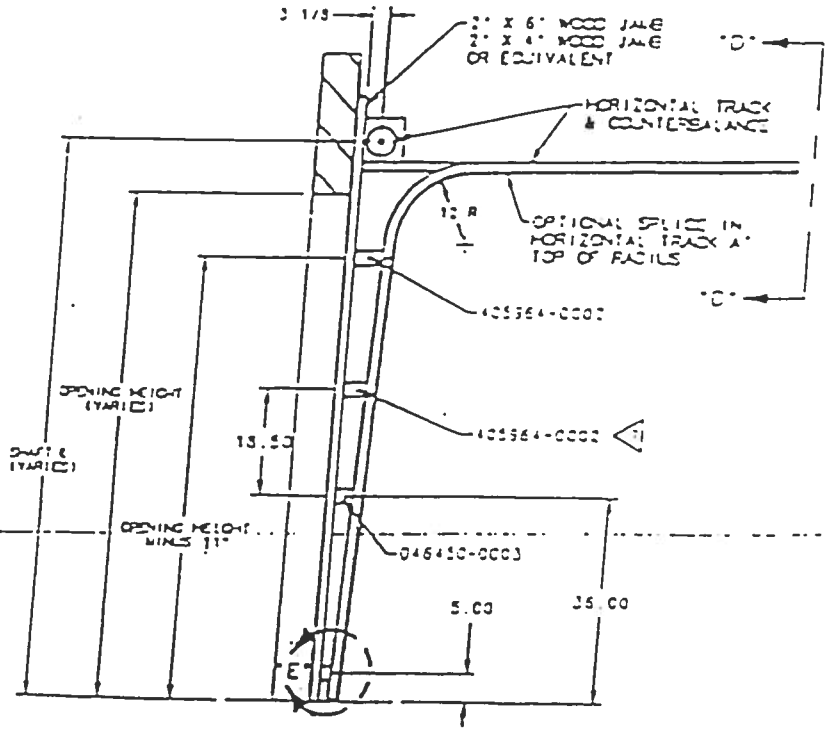
1. TESTED IN ACCORDANCE WITH STANDARD BUILDING CODE, CHAPTER 17, TO A POSITIVE AND NEGATIVE 37.5 PSF.
2. DASH NUMBERS REPRESENT VARIOUS SECTION HEIGHTS.
3. FOUR SECTION 7' HIGH DOOR SHOWN. 8' HIGH DOORS HAVE FIVE SECTIONS.
4. SECTION HEIGHT OF 20.312, 19.00 & 16.75 ARE AVAILABLE AND MAY BE USED IN COMBINATION TO ACHIEVE VARIOUS HEIGHT DOORS.
5. EMBOSSMENT PATTERN OF 14.50 X 20.375 SHOWN. ALTERNATE PATTERNS OF 12.50 X 43.375 AND 12.50 X 20.375 MAY BE USED.
6. TORSION SPRINGS SHOWN. EXTENSION SPRINGS AVAILABLE.
7. USE THIS BRACKET, REF. P/N 405964-0002, ON 8' HIGH DOORS ONLY.
8. WINDOW MAY BE INSTALLED IN THE TOP SECTION OR THE SECTION IMMEDIATELY BELOW THE TOP SECTION.
9. THE STRUT PLACEMENT ON D CONSISTENT WITH THE DOOR SECTIONS ARE TO BE PLACED
10. THE STRUT PLACEMENT DIMEN REDUCED BY THE DIFFERENCE
11. SCREW P/N 605911-0001 IS
12. POST TO BE INSTALLED ONLY
13. STRUT PLACEMENTS CAN VARY
14. QUANTITY FOR LOCKS CAN BE



DETAIL "E"
SCALE: 1/3

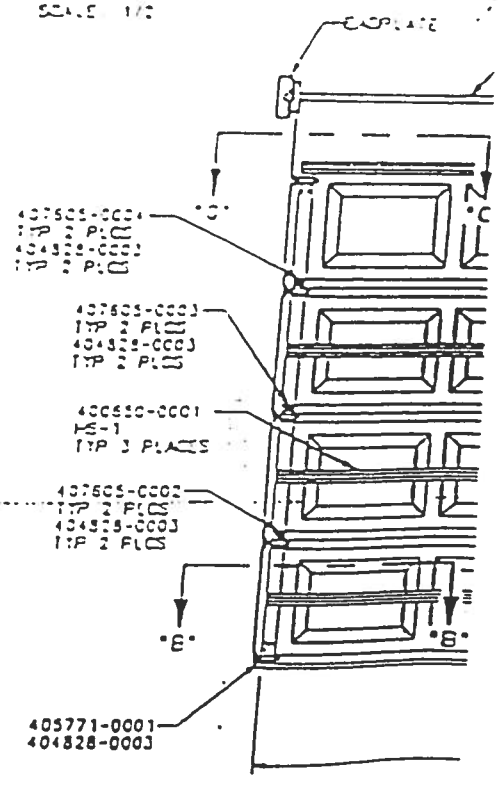


VIEW "D-
2" TRACK
.049 THK (VERT



STANDARD TRACK DETAIL FOR 16'
SCALE: 1/16" = 1"

SECTION "C-C"
SCALE 1/2



SERIES 280 THRU 289 ARE EQUIVALENT CONSTRUCTION 25GA STEEL
SERIES 180 ARE SAME CONSTRUCTION AS SERIES 280 ONLY 24GA STEEL AND END CAPS

DOOR TESTED WAS 251 SERIES.

DOOR WIDTH	CENTER STILE	END STILE	ROLLER SHAFT BRACKET	STRUTS/SECT.	ROLLER	VERTICAL TRACK GAGE	JAMB LOAD (# PER FT-HT)	HARDWARE
16'	3	SINGLE		HS1 HS0	2" X 7/16"	.049"	100	STD.

SHINGLES

ELK
Premium Roofing

March 6, 2002

Subject: Elk Product Approval Information

All Prestique® and Capstone® products manufactured in Tuscaloosa, AL are certified under the Miami – Dade County Building Code Office (BCCO). These products also meet the requirements for the Florida Building Code since they are MD approved. The following test protocols must be passed by each of the products in order for MD product certification:

ASTM D3462
PA 100 (110 mph uplift and wind driven rain resistance)
PA 107 (Modified ASTM D3161 - 110 mph wind uplift resistance)

The nailing patterns that were used during the PA 100 and PA 107 wind test protocols for the Prestique and Capstone products are listed below. Also listed below are the Miami - Dade Notice of Acceptance Numbers (NOA)

Raised Profile, Prestique High Definition, Prestique [illegible], or Prestique [illegible] -
PA 100 = 4 nails
PA 107 = 5 nails
MD NOA# = 01-1226.04

Prestique I 35 or Prestique I* -
PA 100 = 4 nails
PA 107 = 5 nails
MD NOA# = 01-1226.05

Prestique Plus or Prestique Gallery Collection* -
PA 100 = 4 nails
PA 107 = 4 nails
MD NOA# = 01-1226.03

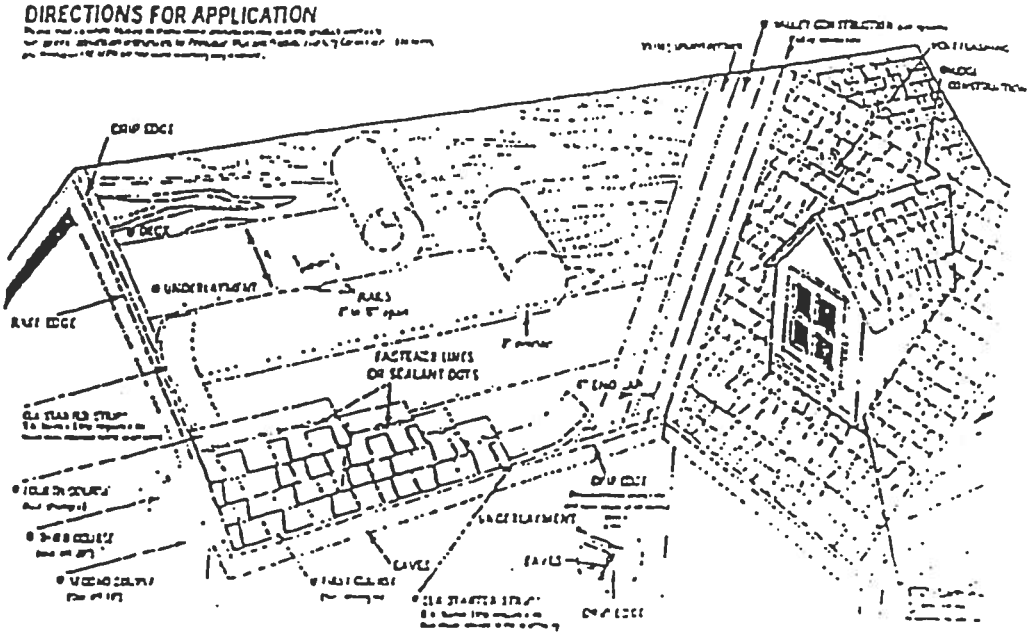
Capstone*
PA 100 = 4 Nails
PA 107 = 4 Nails
MD NOA# = 01-0523.01

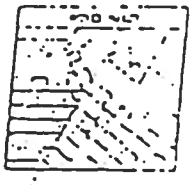
* As per the Elk Limited Warranty, six nails are required for the Elk high wind warranty

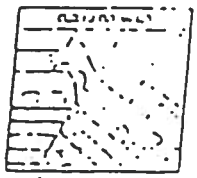
If there are any questions please contact:

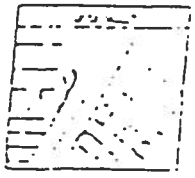
Mike Reed – Technical Manager or Daniel DeJarnette – QA Engineer
(205) 342-0287 (205) 342-0293

DIRECTIONS FOR APPLICATION









ELK

www.elkcorp.com

ROOFING PRODUCTS SPECIFICATIONS - TUSCALOOSA, AL

PRESTIQUE®
HIGH DEFINITION®

RAISED PROFILE™

HIP AND RIDGE SHINGLES

ELK

www.elkcorp.com

WINDOWS

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/ft²
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

Mark A. Hess, Technician

MAH:nlb

Allen N. Reeves
1 APRIL 2002

ALLEN N. REEVES
NO. 15554
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Architectural Testing

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

Rendered to

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

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

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

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

Test Specimen Description

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

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

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

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

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

Finish: All aluminum was white.

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

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

Allen T. Rees
1 APRIL 2002

ALLEN T. REES
No. 19354
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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, INC. CERTIFICATE NO. 13244 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/ft²	0.3 cfm/ft² 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 M. Reeves
1 APRIL 2002

ALLEN M. REEVES
CERTIFICATE
NO. 1337
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 H. Reeves
1 APRIL 2002

LEIF H. REEVES * PROFESSIONAL ENGINEER * STATE OF FLORIDA

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:elb
01-41134.01

ALLEN N. REEVES
CERTIFICATE NO. 13934
STATE OF FLORIDA
PROFESSIONAL ENGINEER

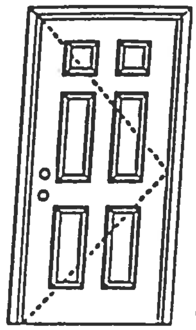
X

Opaque Inswing Unit

COP-WL-JH4101-02

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.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 panel used does not exceed 3'0" x 6'8".

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

Design Pressure
+66.0/-66.0
[illegible]

Large Missile Impact Resistance
Hurricane protective system (shutters) is NOT REQUIRED.
[illegible]

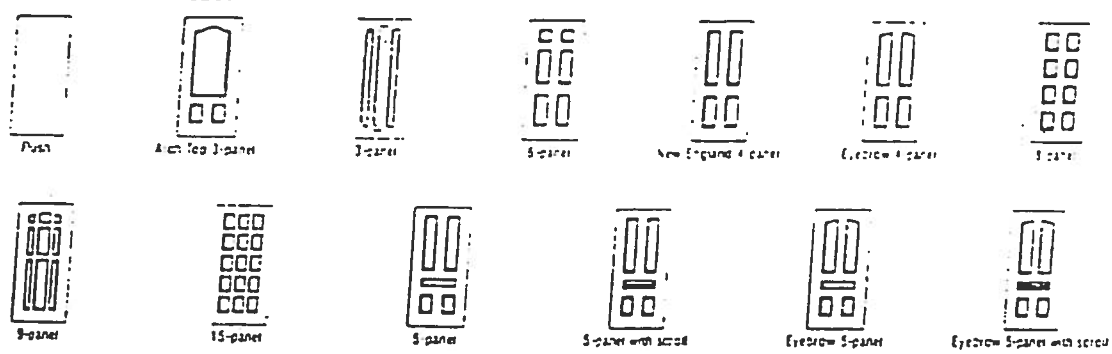
MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:



Johnson EntrySystems
June 17, 2002
[illegible]

PREMDOOR Premium Quality Doors
Exclusively from Masonite
Masonite International Corporation

X
Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

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.

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

Frame constructed of wood with an extruded aluminum threshold

PRODUCT COMPLIANCE LABELING:

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

COMPANY NAME
CITY STATE

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

Kurt L Balthazor

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

Warnock Hersey

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

Johnson EntrySystems

June 17, 2002

PREMDOOR Premium Quality Doors

Exclusively from Masonite
Masonite International Corporation

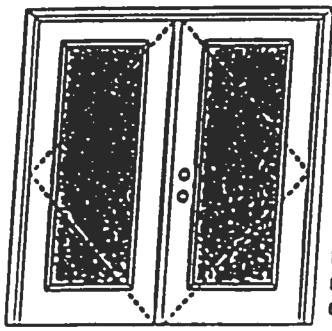
XX

Glazed Inswing Unit

COP-WL-JH4142-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

Double Door

[illegible]

Design Pressure

+40.5/-40.5

[illegible]

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED

[illegible]

MINIMUM ASSEMBLY DETAIL:

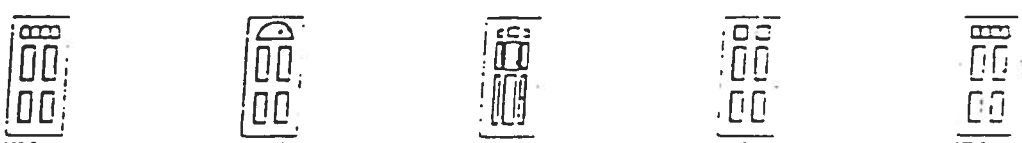
Compliance requires that minimum assembly details have been followed – see MAD-WL-MA… and MAD-WL-MA0041-02

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA…

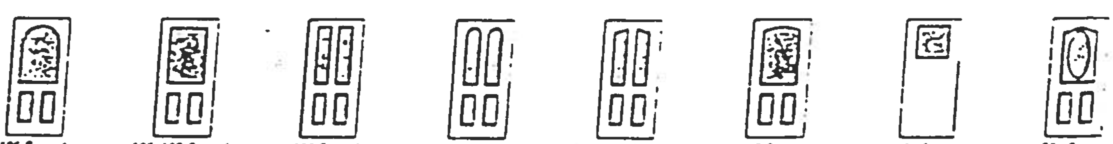
APPROVED DOOR STYLES.

1/4 GLASS:



100 Series | 123, 125 Series | 126 Series | 550 Series | [illegible] Series

1/2 GLASS:



105 Series* | 106, 160 Series* | 129 Series* | 200 Series* | 12 R.L, 22 R.L, 24 R.L Series* | 107 Series* | 108 Series | 304 Series

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

Johnson EntrySystems

June 17, 2002

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

PREMDOOR

Exclusively from Masonite

Masonite International Corporation

XX
Glazed Inswing Unit

COP-WL-JH4142-02

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

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 ECCO 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 ECCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L Balthazor

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

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

2

Johnson EntrySystems

June 17, 2002

PREMDOR Premium Swinging Doors

Masonite International Corporation

Anthony Power Header®

GARAGE HEADER (84) $26F_b$ - 1.9E

ENGINEERED WOOD SECTION PROPERTIES AND LOAD CAPACITIES

ALLOWABLE DESIGN STRESSES (PSI):

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

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

NOTES:

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

GARAGE HEADER COMPARISONS

	810 / 540	3-1/2" x 8-3/8"	3-1/2" x 9-5/8"	3-1/2" x 9"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"
	990 / 720	3-1/2" x 9-3/4"	3-1/2" x 9-5/8"	3-1/2" x 10-1/2"	3-1/2" x 9-1/4"	3-1/2" x 11-1/4"
	610 / 400	3-1/2" x 12-5/8"	3-1/2" x 13-1/4"	3-1/2" x 13-1/2"	3-1/2" x 14"	3-1/2" x 14"
	765 / 510	3-1/2" x 14"	3-1/2" x 15-1/8"	3-1/2" x 15"	3-1/2" x 14"	3-1/2" x 16"
	750 / 490	3-1/2" x 15-3/8"	3-1/2" x 16-1/2"	3-1/2" x 16-1/2"	3-1/2" x 16"	3-1/2" x 18"
	900 / 600	3-1/2" x 16-3/4"	3-1/2" x 17-7/8"	3-1/2" x 18"	3-1/2" x 16"	—

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

Power Header® is a trademark of
Anthony Forest Products Company
Post Office Box 1877 • El Dorado, Arkansas 71731
Internet address: http:// www.anthonyforest.com
e-mail: info@anthonyforest.com
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Distributed by:

WOODFORD PLYWOOD, INC.
"Structural Wood Products"

11960 West Beaver Street
Jacksonville, Florida 32220

(904) 695-9080
(800) 447-6568
FAX (904) 695-9160

Anthony POWER HEADER®

26F$_b$ - 1.9E

3-1/2" WIDTH GARAGE HEADER PLF CAPACITY

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

844	975		1322								
161	207	254	330	390	510	552	724	732	897		
114	145	180	231	277	359	391	510	534	699	693	

562	778	888	1056	1363	1367		1582				
107	153	169	245	260	380	368	540	501	715	664	864	840
76	107	120	171	185	267	261	380	356	521	471	684	609	813

NOTES:

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

GARAGE HEADER SIZING USING PLF TABLES:

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

COLUMBIA COUNTY BUILDING DEPARTMENT

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

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

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE -------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE --------110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

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

Floor Plan including:

a) Rooms labeled and dimensioned

b) Shear walls

c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)

d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth

e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails

f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing

b) All posts and/or column footing including size and reinforcing

c) Any special support required by soil analysis such as piling

d) Location of any vertical steel

Roof System:

a) Truss package including:

1. Truss layout and truss details signed and sealed by Fl. Pro. Eng
2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

see note 3

b) Conventional Framing Layout including:

1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

NA

Wall Sections including:

a) Masonry wall

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

NA

☑ ☐ b) Wood frame wall

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

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

Floor Framing System:

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

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing NA

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

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

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

☑ ☐ f) Appliances and HVAC equipment See NOTE 4

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

HVAC information

☑ ☐ a) Manual J sizing equipment or equivalent computation

☑ ☐ b) Exhaust fans in bathroom

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

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

Disclosure Statement for Owner Builders

Notice Of Commencement See NOTE 1

Private Potable Water — Private water system

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used