

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0601-03 Date Received 1/3/06 By GT Permit # 24035
 Application Approved by - Zoning Official BWK Date 01/01/06 Plans Examiner OK JTH Date 1-5-06
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments 9111 EXISTING WELL

Applicants Name MICHAEL COOPER / STEWART COOPER Phone 352-472-1356
 Address PO Box 1604 NEWBERRY, FL 32669
 Owners Name JOHN and PAMELA CURTIS Phone 472-1358
 911 Address 559 SW California Terr Ft. White 32038
 Contractors Name MICHAEL COOPER Phone 352-472-1356
 Address PO Box 1604 NEWBERRY, FL 32669
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address MARTY ESK PAUL R. STRESING
 Mortgage Lenders Name & Address BANK OF AMERICA FT. MEYERS, FL 33909
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 00 910-000 / 00-00-00-00909-036 Estimated Cost of Construction \$ 159,000.00
 Subdivision Name THREE RIVERS ESTATES Lot 36, 37 Block Unit 14 Phase
 Driving Directions 475 TR on Wilson Springs Rd, TR Newark, TL on Bridge Lane, property corner of Bridge & Virginia Way

Type of Construction SFD Number of Existing Dwellings on Property 0
 Total Acreage Lot Size Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 170' Side 62.5' Side 57' Rear 200'
 Total Building Height 19'4" Number of Stories 1 Heated Floor Area 1987 SF Roof Pitch 6.12
PORCHES 344 GARAGE 562 TOTAL 2887

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

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

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

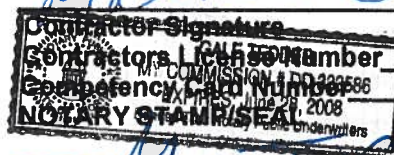
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 3rd day of JANUARY 2006

Personally known or Produced Identification DL



Notary Signature

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Kasmire Model**
Address:
City, State: **, FL**
Owner:
Climate Zone: **Central**

Builder:
Permitting Office: **Alachua Columbia**
Permit Number: **24035**
Jurisdiction Number: **441000 221000**

1. New construction or existing New ☐
2. Single family or multi-family Single family ☐
3. Number of units, if multi-family 1 ☐
4. Number of Bedrooms 3 ☐
5. Is this a worst case? Yes ☐
6. Conditioned floor area (ft²) 1987 ft² ☐
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)
 - a. U-factor: Description Area
 - (or Single or Double DEFAULT) 7a. (Dble Default) 226.9 ft² ☐
 - b. SHGC: 7b. (Clear) 226.9 ft² ☐
 - (or Clear or Tint DEFAULT)
8. Floor types
 - a. Slab-On-Grade Edge Insulation R=0.0. 177.3(p) ft ☐
 - b. N/A ☐
 - c. N/A ☐
9. Wall types
 - a. Concrete, Int Insul. Exterior R=5.0. 1493.2 ft² ☐
 - b. Frame, Wood, Adjacent R=11.0. 285.9 ft² ☐
 - c. N/A ☐
 - d. N/A ☐
 - e. N/A ☐
10. Ceiling types
 - a. Under Attic R=30.0. 1986.8 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
11. Ducts
 - a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0. 25.0 ft ☐
 - b. N/A ☐

12. Cooling systems
 - a. Central Unit Cap: 42.0 kBtu/hr
SEER: 12.10 ☐
 - b. N/A ☐
 - c. N/A ☐
13. Heating systems
 - a. Electric Heat Pump Cap: 42.0 kBtu/hr
HSPF: 8.20 ☐
 - b. N/A ☐
 - c. N/A ☐
14. Hot water systems
 - a. Electric Resistance Cap: 40.0 gallons
EF: 0.92 ☐
 - b. N/A ☐
 - c. Conservation credits
(HR-Heat recovery, Solar
DHP-Dedicated heat pump) ☐
15. HVAC credits
(CF-Ceiling fan, CV-Cross ventilation,
HF-Whole house fan,
PT-Programmable Thermostat,
MZ-C-Multizone cooling,
MZ-H-Multizone heating) ☐

Glass/Floor Area: 0.11

Total as-built points: 24604

Total base points: 28057

PASS

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

PREPARED BY: [Signature]

DATE: 12/10/05

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

OWNER/AGENT: _____

DATE: _____

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

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: , , FI,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1987.0	25.78	9220.5	Double, Clear	E	2.0	3.7	4.9	55.69	0.71	194.2
				Double, Clear	E	2.0	5.7	18.9	55.69	0.84	886.5
				Double, Clear	S	8.0	4.7	10.1	41.92	0.51	213.9
				Double, Clear	S	8.0	4.7	10.1	41.92	0.51	213.9
				Double, Clear	E	8.5	6.8	16.5	55.69	0.47	434.6
				Double, Clear	E	8.5	6.8	16.5	55.69	0.47	434.6
				Double, Clear	E	8.5	8.3	60.0	55.69	0.52	1754.0
				Double, Clear	W	2.0	4.7	10.1	50.22	0.78	398.0
				Double, Clear	W	6.0	5.7	13.3	50.22	0.53	356.1
				Double, Clear	W	6.0	5.7	13.3	50.22	0.53	356.1
				Double, Clear	W	2.0	6.8	16.5	50.22	0.88	728.3
				Double, Clear	S	2.0	4.7	10.1	41.92	0.73	310.4
				Double, Clear	E	2.0	6.8	16.5	55.69	0.88	808.7
				Double, Clear	S	2.0	4.7	10.1	41.92	0.73	310.4
				As-Built Total:		226.9			7399.6		
WALL TYPES				Area X BSPM = Points		Type		R-Value		Area X SPM = Points	
Adjacent	285.9	0.70	200.1	Concrete, Int Insul, Exterior		5.0		1493.2	1.00		1493.2
Exterior	1493.2	1.90	2837.1	Frame, Wood, Adjacent		11.0		285.9	0.70		200.1
Base Total:		1779.1	3037.2	As-Built Total:				1779.1	1693.3		
DOOR TYPES				Area X BSPM = Points		Type		Area X SPM = Points			
Adjacent	20.0	1.60	32.0	Exterior Insulated				20.0	4.80		96.0
Exterior	20.0	4.80	96.0	Adjacent Wood				20.0	2.40		48.0
Base Total:		40.0	128.0	As-Built Total:				40.0	144.0		
CEILING TYPES				Area X BSPM = Points		Type		R-Value		Area X SPM X SCM = Points	
Under Attic	1986.8	2.13	4231.9	Under Attic		30.0		1986.8	2.13 X 1.00		4231.9
Base Total:		1986.8	4231.9	As-Built Total:				1986.8	4231.9		
FLOOR TYPES				Area X BSPM = Points		Type		R-Value		Area X SPM = Points	
Slab	177.3(p)	-31.8	-5638.1	Slab-On-Grade Edge Insulation		0.0		177.3(p)	-31.90		-5655.9
Raised	0.0	0.00	0.0								
Base Total:		-5638.1		As-Built Total:				177.3	-5655.9		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE			AS-BUILT		
INFILTRATION	Area X BSPM =	Points	Area X SPM =	Points	
1987.0	14.31	28434.0	1987.0	14.31	28434.0
Summer Base Points: 39413.4			Summer As-Built Points: 36246.9		
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier X System Multiplier X Credit Multiplier = Cooling Points
39413.4	0.4266	16813.8	<small>(sys 1: Central Unit 42000 btuh , SEER/EFF(12.1) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)</small> 36247 1.00 (1.09 x 1.150 x 1.00) 0.282 1.000 12769.3 36246.9 1.00 1.250 0.282 1.000 12769.3		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1987.0	5.86	2095.9	Double, Clear	E	2.0	3.7	4.9	8.82	1.07	46.2
				Double, Clear	E	2.0	5.7	18.9	8.82	1.03	172.3
				Double, Clear	S	8.0	4.7	10.1	6.74	2.18	148.6
				Double, Clear	S	8.0	4.7	10.1	6.74	2.18	148.6
				Double, Clear	E	8.5	6.8	16.5	8.82	1.21	175.7
				Double, Clear	E	8.5	6.8	16.5	8.82	1.21	175.7
				Double, Clear	E	8.5	8.3	60.0	8.82	1.17	617.8
				Double, Clear	W	2.0	4.7	10.1	9.55	1.03	99.7
				Double, Clear	W	6.0	5.7	13.3	9.55	1.09	138.1
				Double, Clear	W	6.0	5.7	13.3	9.55	1.09	138.1
				Double, Clear	W	2.0	6.8	16.5	9.55	1.02	160.2
				Double, Clear	S	2.0	4.7	10.1	6.74	1.22	82.9
				Double, Clear	E	2.0	6.8	16.5	8.82	1.03	149.3
				Double, Clear	S	2.0	4.7	10.1	6.74	1.22	82.9
				As-Built Total:				226.9	2336.1		
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Adjacent	285.9	1.80	514.6	Concrete, Int Insul, Exterior		5.0		1493.2	2.90		4330.3
Exterior	1493.2	2.00	2986.4	Frame, Wood, Adjacent		11.0		285.9	1.80		514.6
Base Total:		1779.1	3501.0	As-Built Total:				1779.1	4844.9		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	20.0	4.00	80.0	Exterior Insulated				20.0	5.10		102.0
Exterior	20.0	5.10	102.0	Adjacent Wood				20.0	5.90		118.0
Base Total:		40.0	182.0	As-Built Total:				40.0	220.0		
CEILING TYPES Area X BWPM = Points				Type		R-Value		Area X WPM X WCM = Points			
Under Attic	1986.8	0.64	1271.6	Under Attic		30.0		1986.8	0.64 X 1.00		1271.6
Base Total:		1986.8	1271.6	As-Built Total:				1986.8	1271.6		
FLOOR TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Slab	177.3(p)	-1.9	-336.9	Slab-On-Grade Edge Insulation		0.0		177.3(p)	2.50		443.3
Raised	0.0	0.00	0.0								
Base Total:		-336.9		As-Built Total:				177.3	443.3		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI,

PERMIT #:

BASE			AS-BUILT			
INFILTRATION	Area X BWPM = Points		Area X WPM = Points			
	1987.0 -0.28 -556.4		1987.0 -0.28 -556.4			
Winter Base Points: 6157.2			Winter As-Built Points: 8559.4			
Total Winter X System = Heating Points Multiplier Points			Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
6157.2 0.6274 3863.0			(sys 1: Electric Heat Pump 42000 btuh ,EFF(8.2) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 8559.4 1.000 (1.078 x 1.160 x 1.00) 0.416 1.000 4455.0 8559.4 1.00 1.250 0.416 1.000 4455.0			

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE					AS-BUILT								
WATER HEATING													
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	X	Multiplier X Credit Multiplier	=	Total
3		2460.00		7380.0	40.0	0.92	3		1.00	2460.00	1.00		7380.0
As-Built Total:													7380.0

CODE COMPLIANCE STATUS

BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
16814		3863		7380		28057	12769		4455		7380		24604

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , 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* = 85.7

The higher the score, the more efficient the home.

... FL

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 42.0 kBtu/hr SEER: 12.10
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 (ft ²)	1987 ft ²	___	13. Heating systems	Cap: 42.0 kBtu/hr HSPF: 8.20
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	a. Electric Heat Pump	___
a. U-factor:	Description Area	___	b. N/A	___
(or Single or Double DEFAULT)	7a. (Dble Default) 226.9 ft ²	___	c. N/A	___
b. SHGC:	7b. (Clear) 226.9 ft ²	___	14. Hot water systems	Cap: 40.0 gallons EF: 0.92
(or Clear or Tint DEFAULT)		___	a. Electric Resistance	___
8. Floor types		___	b. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 177.3(p) ft	___	c. Conservation credits	___
b. N/A		___	(HR-Heat recovery, Solar	___
c. N/A		___	DHP-Dedicated heat pump)	___
9. Wall types		___	15. HVAC credits	___
a. Concrete, Int Insul, Exterior	R=5.0, 1493.2 ft ²	___	(CF-Ceiling fan, CV-Cross ventilation,	___
b. Frame, Wood, Adjacent	R=11.0, 285.9 ft ²	___	HF-Whole house fan,	___
c. N/A		___	PT-Programmable Thermostat,	___
d. N/A		___	MZ-C-Multizone cooling,	___
e. N/A		___	MZ-H-Multizone heating)	___
10. Ceiling types		___		___
a. Under Attic	R=30.0, 1986.8 ft ²	___		___
b. N/A		___		___
c. N/A		___		___
11. Ducts		___		___
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 25.0 ft	___		___
b. N/A		___		___

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLRCSB v4.0)



DUCT SYSTEM SUMMARY

Entire House

New Age Dimensions

Job: Kasmire Model 12/09/05

17600 S.E. 28th Court, Summerfield, FL 34491-7571 Phone: (352) 307-0692 Fax: (352) 307-9149 Email: www.NewAgeDimension@aol.com

Project Information

For: Browning Heating & A/C, LLC
Gainesville, FL 32602
Phone: (352) 258-3427

	HEATING	COOLING
External Static Pressure:	0.55 in H ₂ O	0.55 in H ₂ O
Pressure Losses:	0.12 in H ₂ O	0.12 in H ₂ O
Available Static Pressure:	0.43 in H ₂ O	0.43 in H ₂ O
Friction Rate:	0.880 in/100ft	0.880 in/100ft
Actual AVF:	1400 cfm	1400 cfm

Total Effective Length (TEL): 0 ft

Supply Branch Detail Table

Name	Htg (Btuh)	Clg (Btuh)	Htg (cfm)	Clg (cfm)	Dsn FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Duct Matl	Trnk
Master WIC	1156	477	41	23	0.880	469	4	0x 0	VIFx	st1
Laundry Room	1778	2370	63	114	0.880	581	6	0x 0	VIFx	st1
Master Toilet	292	101	10	5	0.880	118	4	0x 0	VIFx	st1
Master Bathroom	2768	1268	98	61	0.880	498	6	0x 0	VIFx	st1
Master Bedroom-A	2754	2292	97	110	0.880	562	6	0x 0	VIFx	st1
Master Bedroom	2754	2292	97	110	0.880	562	6	0x 0	VIFx	st1
Dining Room	4101	2234	145	108	0.880	543	7	0x 0	VIFx	st2
Great Room-A	3253	2176	115	105	0.880	586	6	0x 0	VIFx	st2
Great Room	3253	2176	115	105	0.880	586	6	0x 0	VIFx	st2
Kitchen/Nook-A	2679	2494	95	120	0.880	612	6	0x 0	VIFx	st2
Kitchen/Nook	2679	2494	95	120	0.880	612	6	0x 0	VIFx	st2
Foyer	2063	984	73	47	0.880	535	5	0x 0	VIFx	st2
Bedroom #2	4732	3726	167	179	0.880	671	7	0x 0	VIFx	st2
Hall Bathroom	599	258	21	12	0.880	243	4	0x 0	VIFx	st2
Bedroom #3	4732	3726	167	179	0.880	671	7	0x 0	VIFx	st2

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Size (in)	Duct Material	Trunk
st1	Peak AVF	407	424	636	10	16 x 6	ShtMetl	st
st2	Peak AVF	993	976	639	16	16 x 14	ShtMetl	st
st	Peak AVF	1400	1400	700	18	16 x 18	ShtMetl	

Return Branch Detail Table

Name	Diffus Sz (in)	Design AVF (cfm)	Design (in H2O)	Design FR	Vel (fpm)	Dia (in)	Rect Sz (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1	20 x 25 34	993	0.00	0.880	562	18	0 x 0		VIFx	ra
rb2	16 x 16 17	424	0.00	0.880	540	12	0 x 0		VIFx	ra

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Vel (fpm)	Diam (in)	Rect Duct Sz (in)	Duct Material	Trunk
ra	Peak AVF	1400	1400	560	20	18 x 20 20	RectFbg	



RIGHT-J SHORT FORM Entire House

New Age Dimensions

Job: Kasmire Model 12/09/05

17600 S.E. 28th Court, Summerfield, FL 34491-7571 Phone: (352) 307-0692 Fax: (352) 307-9149 Email: www.NewAgeDimension@aol.com

Project Information

For: Browning Heating & A/C, LLC
Gainesville, FL 32602
Phone: (352) 258-3427

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	33	94	Method	Average
Inside db (°F)	70	75	Construction quality	0
Design TD (°F)	37	19	Fireplaces	
Daily range	-	M		
Inside humidity (%)	-	50		
Moisture difference (gr/lb)	-	48		

HEATING EQUIPMENT

Make Tempstar
Trade SmartComfort 2200
TCH242AKA*

Efficiency 8.2 HSPF
Heating input
Heating output 42000 Btuh @ 47°F
Heating temperature rise 27 °F
Actual heating fan 1400 cfm
Heating air flow factor 0.035 cfm/Btuh

Space thermostat

COOLING EQUIPMENT

Make Tempstar
Trade SmartComfort 2200
TCH242AKA*
FCX48****

Efficiency 12.1 SEER
Sensible cooling 30034 Btuh
Latent cooling 12872 Btuh
Total cooling 42905 Btuh
Actual cooling fan 1400 cfm
Cooling air flow factor 0.048 cfm/Btuh

Load sensible heat ratio 72 %

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Master WIC	89	1156	477	41	23
Laundry Room	94	1778	2370	63	114
Master Toilet	21	292	101	10	5
Master Bathroom	138	2768	1268	98	61
Master Bedroom	315	5509	4585	195	221
Dining Room	196	4101	2234	145	108
Great Room	280	6506	4352	230	210
Kitchen/Nook	320	5358	4988	189	240
Foyer	77	2063	984	73	47
Bedroom #2	186	4732	3726	167	179
Hall Bathroom	85	599	258	21	12
Bedroom #3	186	4732	3726	167	179

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.



Entire House	d	1987	39593	29069	1400	1400
Ventilation air			0	0		
Equip. @ 0.99 RSM				28778		
Latent cooling				11262		
TOTALS		1987	39593	40040	1400	1400

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

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 00-00-00-00909-036 00 910-000

1. Description of property: (legal description of the property and street address or 911 address)

LOTS 36 & 37 THREE RIVERS ESTATES FORT WHITE COLUMBIA COUNTY
FLORIDA UNIT 14

Inst: 2006000185 Date: 01/05/2006 Time: 12:47

mk DC, P. DeWitt Cason, Columbia County B: 1070 P: 624

2. General description of improvement: NEW RESIDENCE

3. Owner Name & Address JOHN AND PAM CURTIS

5520 TILE STREET, FT. MEYERS, FL 33905 Interest In Property OWNER

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

5. Contractor Name COOPER ENTERPRISES INC

Phone Number 352-472-1356

Address PO Box 1604 NEWBERRY, FL 32669

6. Surety Holders Name N/A

Phone Number _____

Address _____

Amount of Bond _____

7. Lender Name BANK OF AMERICA

Phone Number 239-415-6317

Address 13049 US 41 SE STE 525, FORT MEYERS, FL 33909

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 _____ Phone Number _____

Address _____

9. In addition to himself/herself the owner designates _____ of

_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

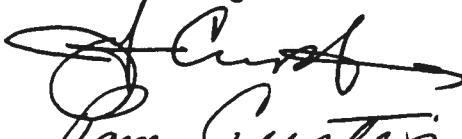
(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,

(Unless a different date is specified) 1 YEAR

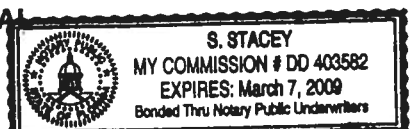
NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.


Signature of Owner

Sworn to (or affirmed) and subscribed before
day of 31, December, 20 05

NOTARY STAMP/SEA




Signature of Notary

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

0601-03

Reference to: Build permit application Number:

Michael Cooper owner John Curtis lot 36 Unit 14 Three Rivers Estates

On the date of January 4, 2006 application 0601-03 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 0601-03 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 have the designers place his/her name and signature on the submitted plans.
3. Please submit a letter form the potable water well contractor which will describe the equipment to be used to supply potable water to this dwelling. Include the size of pump motor, size of pressure tank and cycle stop valve if used.
4. On the structural drawing the egress windows schedule are numerically callout by please provide the opening size to show compliance with FRC section 1025.2: Minimum size.

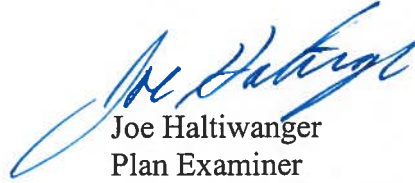
Emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.53 m²). Exception: The minimum net clear opening for emergency escape and rescue grade-floor openings shall be 5 square feet (0.46 m²). 1025.2.1 Minimum dimensions. The minimum net clear opening height dimension shall be 24 inches (610 mm). The minimum net clear opening width dimension shall be 20 inches (508 mm). The net clear opening dimensions shall be the result of normal operation of the opening. 1025.3 Maximum height from floor. Emergency escape and rescue openings shall have the bottom of the clear opening not greater than 44 inches (1118 mm) measured from the floor.

✓ 5. Please submit product approval specification and product approval number(s) as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 for all material which will be on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products, EXTERIOR DOORS, **(garage door)** WINDOWS, ROOFING, SKYLIGHTS and GLASS BLOCKS: More information about statewide product approval can be obtained at www.floridabuilding.org

✓ 6. Please have Mr. Marty Eskridge 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.

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

Thank you,

A handwritten signature in blue ink, appearing to read "Joe Haltiwanger", is written over the printed name.

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700

Total uplift for each truss resting on the header and divide by 2 to determine the uplift force.
Use proper bolt anchors sufficient to support required load.

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HIT22
5261-8300	2-MST48	HD10A

Two 12d common toenails are required per truss/rafter per bearing point into plate.
Use proper bolt anchors.
Strap rafters to truss or at each end with minimum uplift resistance of 450# each end.
Strap ridge beam at each end with minimum uplift resistance of 1000#.
It is the contractor's responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300

*or per truss engineering
Use proper bolt anchors
All beams to be sheathed or strapped to Double Top Plate when applicable.

CRIPPLES Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS	
Wall sheathing nailing	Adequate exterior walls bottom w/8d nails @ 3" O.C.
Wall sheathing nailing	Adequate exterior walls top w/8d nails @ 3" O.C., as long as sheathing covers top plate, otherwise use SP2 @ 32" O.C. in addition to sheathing nailing.
Use SP2 top and SP1 bottom	each stud for all interior load bearing walls and anchor bolts @ 32" O.C.
Interior anchor bolts	to be 1/2" x 8" A307 or 1/2" x 6" wedge anchor or equivalent.

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.

NOTE For nailing into SPF members, multiply table values by .86

TIE-DOWN TABLES

HEADERS				
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WINDCODE Garage Doors

Clopay's WINDCODE® garage doors are designed to help withstand high winds resulting from tropical storms and other strong wind related weather events. This user-friendly system assists you in selecting the right garage door for your area and building structure and helps provide peace of mind for your home, family, and contents.

Beauty Design Options

Clopay's WINDCODE product offering has the widest range of panel styles, colors and window designs available today. Accent your home's design while providing the protection you need against strong winds. Choose from Traditional, Elegant or Flush panel designs and Designer or Decorative windows for that extra curb appeal.



Designed and Tested to Withstand Strong Winds

All Clopay WINDCODE doors have been designed and tested to meet many different code requirements. Additional interior horizontal steel reinforcement along with increased hardware and springing components are installed so your door is ready when a storm hits. No posts or pins are required to secure your door if you are not there. Just lock your door.

How to Select the Right WINDCODE Door

Your Clopay WINDCODE garage door choice will depend on the following factors:

- 1. Local building code.**
Contact your local building code official for specific wind code requirements for your area.
- 2. Wind speed in miles per hour (MPH).**
Obtain from your building code official.
- 3. Structure exposure, B or C.**
Exposure B is defined as urban and suburban areas, wooded areas or other terrain with numerous closely spaced obstructions. Exposure C is assumed unless the building site meets the definition of another exposure.
Exposure C is defined as open terrain with scattered obstructions including flat open ground, grasslands and shorelines in hurricane prone regions. All of Miami-Dade and Broward Counties in Florida are Exposure C.
- 4. Mean roof height.**
Up to 15' high, one-story structure.
16' to 25' high, two-story structure.
- 5. Use the above information and the Clopay WINDCODE and Model Selection Charts on the following page to identify the right door for your home.**

The garage doors are identified by "W" designations. The higher the "W" designation, the higher the pressure rating of the door.

Not all colors, sizes, and window options are available on all WINDCODE models. Consult your Clopay dealer for specifics.

Clopay WINDCODE products include standard model features (see individual product sell sheets) plus:

- Horizontal steel reinforcement struts for increased support to withstand increased wind pressures and building code requirements.
- Upgraded springs, track, rollers and other hardware components to ensure maximum, long lasting performance.

The charts below are intended as a reference only. Please refer to the specific wind load guides and engineering drawings to match your application with a specific door and confirm the pressure rating with the building code authority.

International Building Code or Florida Building Code (ASCE7) - (Exposure B)

Wind Speed (MPH)	15 One-story	25 Two-story	30 One-story	35 One-story	40 One-story	45 One-story	50 One-story	55 One-story	60 One-story	65 One-story	70 One-story	75 One-story	80 One-story	85 One-story	90 One-story	95 One-story	100 One-story	105 One-story	110 One-story	115 One-story	120 One-story	125 One-story	130 One-story	135 One-story	140 One-story	145 One-story	150 One-story	155 One-story	160 One-story	165 One-story	170 One-story	175 One-story	180 One-story	185 One-story	190 One-story	195 One-story	200 One-story	205 One-story	210 One-story	215 One-story	220 One-story	225 One-story	230 One-story	235 One-story	240 One-story	245 One-story	250 One-story	255 One-story	260 One-story	265 One-story	270 One-story	275 One-story	280 One-story	285 One-story	290 One-story	295 One-story	300 One-story	305 One-story	310 One-story	315 One-story	320 One-story	325 One-story	330 One-story	335 One-story	340 One-story	345 One-story	350 One-story	355 One-story	360 One-story	365 One-story	370 One-story	375 One-story	380 One-story	385 One-story	390 One-story	395 One-story	400 One-story	405 One-story	410 One-story	415 One-story	420 One-story	425 One-story	430 One-story	435 One-story	440 One-story	445 One-story	450 One-story	455 One-story	460 One-story	465 One-story	470 One-story	475 One-story	480 One-story	485 One-story	490 One-story	495 One-story	500 One-story	505 One-story	510 One-story	515 One-story	520 One-story	525 One-story	530 One-story	535 One-story	540 One-story	545 One-story	550 One-story	555 One-story	560 One-story	565 One-story	570 One-story	575 One-story	580 One-story	585 One-story	590 One-story	595 One-story	600 One-story	605 One-story	610 One-story	615 One-story	620 One-story	625 One-story	630 One-story	635 One-story	640 One-story	645 One-story	650 One-story	655 One-story	660 One-story	665 One-story	670 One-story	675 One-story	680 One-story	685 One-story	690 One-story	695 One-story	700 One-story	705 One-story	710 One-story	715 One-story	720 One-story	725 One-story	730 One-story	735 One-story	740 One-story	745 One-story	750 One-story	755 One-story	760 One-story	765 One-story	770 One-story	775 One-story	780 One-story	785 One-story	790 One-story	795 One-story	800 One-story	805 One-story	810 One-story	815 One-story	820 One-story	825 One-story	830 One-story	835 One-story	840 One-story	845 One-story	850 One-story	855 One-story	860 One-story	865 One-story	870 One-story	875 One-story	880 One-story	885 One-story	890 One-story	895 One-story	900 One-story	905 One-story	910 One-story	915 One-story	920 One-story	925 One-story	930 One-story	935 One-story	940 One-story	945 One-story	950 One-story	955 One-story	960 One-story	965 One-story	970 One-story	975 One-story	980 One-story	985 One-story	990 One-story	995 One-story	1000 One-story	1005 One-story	1010 One-story	1015 One-story	1020 One-story	1025 One-story	1030 One-story	1035 One-story	1040 One-story	1045 One-story	1050 One-story	1055 One-story	1060 One-story	1065 One-story	1070 One-story	1075 One-story	1080 One-story	1085 One-story	1090 One-story	1095 One-story	1100 One-story	1105 One-story	1110 One-story	1115 One-story	1120 One-story	1125 One-story	1130 One-story	1135 One-story	1140 One-story	1145 One-story	1150 One-story	1155 One-story	1160 One-story	1165 One-story	1170 One-story	1175 One-story	1180 One-story	1185 One-story	1190 One-story	1195 One-story	1200 One-story	1205 One-story	1210 One-story	1215 One-story	1220 One-story	1225 One-story	1230 One-story	1235 One-story	1240 One-story	1245 One-story	1250 One-story	1255 One-story	1260 One-story	1265 One-story	1270 One-story	1275 One-story	1280 One-story	1285 One-story	1290 One-story	1295 One-story	1300 One-story	1305 One-story	1310 One-story	1315 One-story	1320 One-story	1325 One-story	1330 One-story	1335 One-story	1340 One-story	1345 One-story	1350 One-story	1355 One-story	1360 One-story	1365 One-story	1370 One-story	1375 One-story	1380 One-story	1385 One-story	1390 One-story	1395 One-story	1400 One-story	1405 One-story	1410 One-story	1415 One-story	1420 One-story	1425 One-story	1430 One-story	1435 One-story	1440 One-story	1445 One-story	1450 One-story	1455 One-story	1460 One-story	1465 One-story	1470 One-story	1475 One-story	1480 One-story	1485 One-story	1490 One-story	1495 One-story	1500 One-story	1505 One-story	1510 One-story	1515 One-story	1520 One-story	1525 One-story	1530 One-story	1535 One-story	1540 One-story	1545 One-story	1550 One-story	1555 One-story	1560 One-story	1565 One-story	1570 One-story	1575 One-story	1580 One-story	1585 One-story	1590 One-story	1595 One-story	1600 One-story	1605 One-story	1610 One-story	1615 One-story	1620 One-story	1625 One-story	1630 One-story	1635 One-story	1640 One-story	1645 One-story	1650 One-story	1655 One-story	1660 One-story	1665 One-story	1670 One-story	1675 One-story	1680 One-story	1685 One-story	1690 One-story	1695 One-story	1700 One-story	1705 One-story	1710 One-story	1715 One-story	1720 One-story	1725 One-story	1730 One-story	1735 One-story	1740 One-story	1745 One-story	1750 One-story	1755 One-story	1760 One-story	1765 One-story	1770 One-story	1775 One-story	1780 One-story	1785 One-story	1790 One-story	1795 One-story	1800 One-story	1805 One-story	1810 One-story	1815 One-story	1820 One-story	1825 One-story	1830 One-story	1835 One-story	1840 One-story	1845 One-story	1850 One-story	1855 One-story	1860 One-story	1865 One-story	1870 One-story	1875 One-story	1880 One-story	1885 One-story	1890 One-story	1895 One-story	1900 One-story	1905 One-story	1910 One-story	1915 One-story	1920 One-story	1925 One-story	1930 One-story	1935 One-story	1940 One-story	1945 One-story	1950 One-story	1955 One-story	1960 One-story	1965 One-story	1970 One-story	1975 One-story	1980 One-story	1985 One-story	1990 One-story	1995 One-story	2000 One-story	2005 One-story	2010 One-story	2015 One-story	2020 One-story	2025 One-story	2030 One-story	2035 One-story	2040 One-story	2045 One-story	2050 One-story	2055 One-story	2060 One-story	2065 One-story	2070 One-story	2075 One-story	2080 One-story	2085 One-story	2090 One-story	2095 One-story	2100 One-story	2105 One-story	2110 One-story	2115 One-story	2120 One-story	2125 One-story	2130 One-story	2135 One-story	2140 One-story	2145 One-story	2150 One-story	2155 One-story	2160 One-story	2165 One-story	2170 One-story	2175 One-story	2180 One-story	2185 One-story	2190 One-story	2195 One-story	2200 One-story	2205 One-story	2210 One-story	2215 One-story	2220 One-story	2225 One-story	2230 One-story	2235 One-story	2240 One-story	2245 One-story	2250 One-story	2255 One-story	2260 One-story	2265 One-story	2270 One-story	2275 One-story	2280 One-story	2285 One-story	2290 One-story	2295 One-story	2300 One-story	2305 One-story	2310 One-story	2315 One-story	2320 One-story	2325 One-story	2330 One-story	2335 One-story	2340 One-story	2345 One-story	2350 One-story	2355 One-story	2360 One-story	2365 One-story	2370 One-story	2375 One-story	2380 One-story	2385 One-story	2390 One-story	2395 One-story	2400 One-story	2405 One-story	2410 One-story	2415 One-story	2420 One-story	2425 One-story	2430 One-story	2435 One-story	2440 One-story	2445 One-story	2450 One-story	2455 One-story	2460 One-story	2465 One-story	2470 One-story	2475 One-story	2480 One-story	2485 One-story	2490 One-story	2495 One-story	2500 One-story	2505 One-story	2510 One-story	2515 One-story	2520 One-story	2525 One-story	2530 One-story	2535 One-story	2540 One-story	2545 One-story	2550 One-story	2555 One-story	2560 One-story	2565 One-story	2570 One-story	2575 One-story	2580 One-story	2585 One-story	2590 One-story	2595 One-story	2600 One-story	2605 One-story	2610 One-story	2615 One-story	2620 One-story	2625 One-story	2630 One-story	2635 One-story	2640 One-story	2645 One-story	2650 One-story	2655 One-story	2660 One-story	2665 One-story	2670 One-story	2675 One-story	2680 One-story	2685 One-story	2690 One-story	2695 One-story	2700 One-story	2705 One-story	2710 One-story	2715 One-story	2720 One-story	2725 One-story	2730 One-story	2735 One-story	2740 One-story	2745 One-story	2750 One-story	2755 One-story	2760 One-story	2765 One-story	2770 One-story	2775 One-story	2780 One-story	2785 One-story	2790 One-story	2795 One-story	2800 One-story	2805 One-story	2810 One-story	2815 One-story	2820 One-story	2825 One-story	2830 One-story	2835 One-story	2840 One-story	2845 One-story	2850 One-story	2855 One-story	2860 One-story	2865 One-story	2870 One-story	2875 One-story	2880 One-story	2885 One-story	2890 One-story	2895 One-story	2900 One-story	2905 One-story	2910 One-story	2915 One-story	2920 One-story	2925 One-story	2930 One-story	2935 One-story	2940 One-story	2945 One-story	2950 One-story	2955 One-story	2960 One-story	2965 One-story	2970 One-story	2975 One-story	2980 One-story	2985 One-story	2990 One-story	2995 One-story	3000 One-story	3005 One-story	3010 One-story	3015 One-story	3020 One-story	3025 One-story	3030 One-story	3035 One-story	3040 One-story	3045 One-story	3050 One-story	3055 One-story	3060 One-story	3065 One-story	3070 One-story	3075 One-story	3080 One-story	3085 One-story	3090 One-story	3095 One-story	3100 One-story	3105 One-story	3110 One-story	3115 One-story	3120 One-story	3125 One-story	3130 One-story	3135 One-story	3140 One-story	3145 One-story	3150 One-story	3155 One-story	3160 One-story	3165 One-story	3170 One-story	3175 One-story	3180 One-story	3185 One-story	3190 One-story	3195 One-story	3200 One-story	3205 One-story	3210 One-story	3215 One-story	3220 One-story	3225 One-story	3230 One-story	3235 One-story	3240 One-story	3245 One-story	3250 One-story	3255 One-story	3260 One-story	3265 One-story	3270 One-story	3275 One-story	3280 One-story	3285 One-story	3290 One-story	3295 One-story	3300 One-story	3305 One-story	3310 One-story	3315 One-story	3320 One-story	3325 One-story	3330 One-story	3335 One-story	3340 One-story	3345 One-story	3350 One-story	3355 One-story	3360 One-story	3365 One-story	3370 One-story	3375 One-story	3380 One-story	3385 One-story	3390 One-story	3395 One-story	3400 One-story	3405 One-story	3410 One-story	3415 One-story	3420 One-story	3425 One-story	3430 One-story	3435 One-story	3440 One-story	3445 One-story	3450 One-story	3455 One-story	3460 One-story	3465 One-story	3470 One-story	3475 One-story	3480 One-story	3485 One-story	3490 One-story	3495 One-story	3500 One-story	3505 One-story	3510 One-story	3515 One-story	3520 One-story	3525 One-story	3530 One-story	3535 One-story	3540 One-story	3545 One-story	3550 One-story	3555 One-story	3560 One-story	3565 One-story	3570 One-story	3575 One-story	3580 One-story	3585 One-story	3590 One-story	3595 One-story	3600 One-story	3605 One-story	3610 One-story	3615 One-story	3620 One-story	3625 One-story	3630 One-story	3635 One-story	3640 One-story	3645 One-story	3650 One-story	3655 One-story	3660 One-story	3665 One-story	3670 One-story	3675 One-story	3680 One-story	3685 One-story	3690 One-story	3695 One-story	3700 One-story	3705 One-story	3710 One-story	3715 One-story	3720 One-story	3725 One-story	3730 One-story	3735 One-story	3740 One-story	3745 One-story	3750 One-story	3755 One-story	3760 One-story	3765 One-story	3770 One-story	3775 One-story	3780 One-story	3785 One-story	3790 One-story	3795 One-story	3800 One-story	3805 One-story	3810 One-story	3815 One-story	3820 One-story	3825 One-story	3830 One-story	3835 One-story	3840 One-story	3845 One-story	3850 One-story	3855 One-story	3860 One-story	3865 One-story	3870 One-story	3875 One-story	3880 One-story	3885 One-story	3890 One-story	3895 One-story	3900 One-story	3905 One-story	3910 One-story	3915 One-story	3920 One-story	3925 One-story	3930 One-story	3935 One-story	3940 One-story	3945 One-story	3950 One-story	3955 One-story	3960 One-story	3965 One-story	3970 One-story	3975 One-story	3980 One-story	3985 One-story	3990 One-story	3995 One-story	4000 One-story	4005 One-story	4010 One-story	4015 One-story	4020 One-story	4025 One-story	4030 One-story	4035 One-story	4040 One-story	4045 One-story	4050 One-story	4055 One-story	4060 One-story	4065 One-story	4070 One-story	4075 One-story	4080 One-story	4085 One-story	4090 One-story	4095 One-story	4100 One-story	4105 One-story	4110 One-story	4115 One-story	4120 One-story	4125 One-story	4130 One-story	4135 One-story	4140 One-story	4145 One-story	4150 One-story	4155 One-story	4160 One-story	4165 One-story	4170 One-story	4175 One-story	4180 One-story	4185 One-story	4190 One-story	4195 One-story	4200 One-story	4205 One-story	4210 One-story	4215 One-story	4220 One-story	4225 One-story	4230 One-story	4235 One-story	4240 One-story	4245 One-story	4250 One-story	4255 One-story	4260 One-story	4265 One-story	4270 One-story	4275 One-story	4280 One-story	4285 One-story	4290 One-story	4295 One-story	4300 One-story	4305 One-story	4310 One-story	4315 One-story	4320 One-story	4325 One-story	4330 One-story	4335 One-story	4340 One-story	4345 One-story	4350 One-story	4355 One-story	4360 One-story	4365 One-story	4370 One-story	4375 One-story	4380 One-story	4385 One-story	4390 One-story	4395 One-story	4400 One-story	4405 One-story	4410 One-story	4415 One-story	4420 One-story	4425 One-story	4430 One-story	4435 One-story	4440 One-story	4445 One-story	4450 One-story	4455 One-story	4460 One-story	4465 One-story	4470 One-story	4475 One-story	4480 One-story	4485 One-story	4490 One-story	4495 One-story	4500 One-story	4505 One-story	4510 One-story	4515 One-story	4520 One-story	4525 One-story	4530 One-story	4535 One-story	4540 One-story	4545 One-story	4550 One-story	4555 One-story	4560 One-story	4565 One-story	4570 One-story	4575 One-story	4580 One-story	4585 One-story	4590 One-story	4595 One-story	4600 One-story	4605 One-story	4610 One-story	4615 One-story	4620 One-story	4625 One-story	4630 One-story	4635 One-story	4640 One-story	4645 One-story	4650 One-story	4655 One-story	4660 One-story	4665 One-story	4670 One-story	4675 One-story	4680 One-story	4685 One-story	4690 One-story	4695 One-story	4700 One-story	4705 One-story	4710 One-story	4715 One-story	4720 One-story	4725 One-story	4730 One-story	4735 One-story	4740 One-story	4745 One-story	4750 One-story	4755 One-story	4760 One-story	4765 One-story	4770 One-story	4775 One-story	4780 One-story	4785 One-story	4790 One-story	4795 One-story	4800 One-story	4805 One-story	4810 One-story	4815 One-story	4820 One-story	4825 One-story	4830 One-story	4835 One-story	4840 One-story	4845 One-story	4850 One-story	4855 One-story	4860 One-story	4865 One-story	4870 One-story	4875 One-story	4880 One-story	4885 One-story	4890 One-story	4895 One-story	4900 One-story	4905 One-story	4910 One-story	4915 One-story	4920 One-story	4925 One-story	4930 One-story	4935 One-story	4940 One-story	4945 One-story	4950 One-story	4955 One-story	4960 One-story	4965 One-story	4970 One-story	4975 One-story	4980 One-story	4985 One-story	4990 One-story	4995 One-story	5000 One-story	5005 One-story	5010 One-story	5015 One-story	5020 One-story	5025 One-story	5030 One-story	5035 One-story	5040 One-story	5045 One-story	5050 One-story	5055 One-story	5060 One-story	5065 One-story	5070 One-story	5075 One-story	5080 One-story	5085 One-story	5090 One-story	5095 One-story	5100 One-story	5105 One-story	5110 One-story	5115 One-story	5120 One-story	5125 One-story	5130 One-story	5135 One-story	5140 One-story	5145 One-story	5150 One-story	5155 One-story	5160 One-story	5165 One-story	5170 One-story	5175 One-story	5180 One-story	5185 One-story	5190 One-story	5195 One-story	5200 One-story	5205 One-story	5210 One-story	5215 One-story	5220 One-story	5225 One-story	5230 One-story	5235 One-story	5240 One-story	5245 One-story	5250 One-story	5255 One-story	5260 One-story	5265 One-story	5270 One-story	5275 One-story	5280 One-story	5285 One-story	5290 One-story	5295 One-story	5300 One-story	5305 One-story	5310 One-story	5315 One-story	5320 One-story	5325 One-story	5330 One-story	5335 One-story	5340 One-story	5345 One-story	5350 One-story	5355 One-story	5360 One-story	5365 One-story	5370 One-story	5375 One-story	5380 One-story	5385 One-story	5390 One-story	5395 One-story	5400 One-story	5405 One-story	5410 One-story	5415 One-story	5420 One-story	5425 One-story	5430 One-story	5435 One-story	5440 One-story	5445 One-story	5450 One-story	5455 One-story	5460 One-story	5465 One-story	5470 One-story	5475 One-story	5480 One-story	5485 One-story	5490 One-story	5495 One-story	5500 One-story	5505 One-story	5510 One-story	5515 One-story	5520 One-story	5525 One-story	5530 One-story	5535 One-story	5540 One-story	5545 One-story	5550 One-story	5555 One-story	5560 One-story	5565 One-story	5570 One-story	5575 One-story	5580 One-story	5585 One-story	5590 One-story	5595 One-story	5600 One-story	5605 One-story	5610 One-story	5615 One-story	5620 One-story	5625 One-story	5630 One-story	5635 One-story	5640 One-story	5645 One-story	5650 One-story	5655 One-story	5660 One-story	5665 One-story	5670 One-story	5675 One-story	5680 One-story	5685 One-story	5690 One-story	5695 One-story	5700 One-story	5705 One-story	5710 One-story	5715 One-story	5720 One-story	5725 One-story	5730 One-story	5735 One-story</
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Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 00-00-00-00909-036 - VACANT (000000)

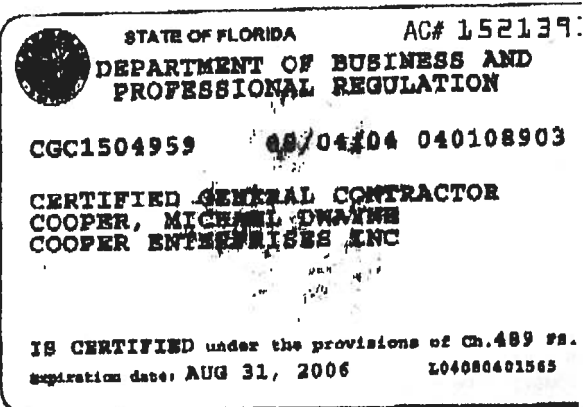
LOT 36 UNIT 14 THREE RIVERS ESTATES, ORB 803-182, 892-950, CORR DEED 911-1230,

Name:	CURTIS JOHN & PAMELA E	LandVal	\$5,100.00
Site:		BldgVal	\$0.00
Mail:	5520 TICE STREET	ApprVal	\$5,100.00
	FORT MYERS, FL 33905	JustVal	\$5,100.00
Sales	9/2/2002 \$13,500.00 V / Q	Assd	\$5,100.00
Info	10/8/2001 \$80.00 V / U	Exmpt	\$0.00
	9/25/2000 \$100.00 V / U	Taxable	\$5,100.00

0 0.05 0.1 0.15 mi



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

**STATE OF FLORIDA****DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION****CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783****(850) 487-1395****COOPER, MICHAEL DWAYNE
COOPER ENTERPRISES INC
P.O. BOX 1398
STUART FL 34995**

DETACH HERE

AC# 1521391

STATE OF FLORIDA**DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

SEQ# L04080401565

DATE	BATCH NUMBER	LICENSE NBR
08/04/2004	040108903	CGC1504959

**The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2006****COOPER, MICHAEL DWAYNE
COOPER ENTERPRISES INC
69 SW BLACKBURN TERRACE, APT 11
STUART FL 34997****JEB BUSH
GOVERNOR**

DISPLAY AS REQUIRED BY LAW

**DIANE CARR
SECRETARY**

56-497-4866

A & B Construction Inc.

P. O. Box 39, Ft. White, FL, 32038
386-497-2311

Customer Name John & Pam Curtis Date 11-4-02
Property Location Bridge # CALIFORNIA 3 RIVERS EST. Lot 36137 Unit 12
Contact Phone Number (s) For 239-936-0837 366-16
The above named agrees to the following services:

Septic System: Tank Size 900 Drain Field Size 333 \$ 1125.00
(This is an estimate, exact prices given only after soil sample)
Septic System Permit: \$ 225.00
100' Well: (There will be an additional \$8 per foot beyond 100') \$ 2250.00
Power Pole: \$ 325.00
Water, Sewer & Electrical Connections: \$ 600.00
@ Aug ~~Move On~~ Permit: \$ 150.00
(Includes: driveway permit, 911 address and waste management fees)
Culvert: \$
Land Clearing: (Estimate) \$

Total:

Down Payment:

Remainder:

Customer Signature P.C. A & B Representative [Signature]
Please read the following items. Your signature is acknowledgement that you have read and agreed with these terms and conditions and they are satisfactory to you and you are authorizing A&B Construction to proceed with the work.

1. The owner / contractor agrees to pay 50% of the cost of the project prior to commencement of work. representing in good faith deposit. Balance is to be paid upon completion. Final payment not made at the time of completion will be subject to interest at the maximum rate allowed by law.
2. A&B Construction will NOT be responsible for any damage that may occur to driveways, sidewalks, patios, shrubbery, flowers, grass, fence, or any existing underground lines such as sprinklers, water, sewer, telephone, electrical, gas, culverts, or other items not listed.
3. If it becomes necessary to deviate from the above described work or if the owner / contractor request additional or different work to be performed an additional charge shall be agreed upon before that work is undertaken.
4. Pumps installed in any system will carry the manufacturers warranty of one (1) year, but does not include labor for installation of replacement pump.
5. In the event it becomes necessary for A&B Construction to employ an attorney for collection of the contract price, it is agreed and understood that any cost incurred for collection will be paid by the owner / contractor in addition to the contracted amount. A&B Construction, Inc. May pursue all remedies available by law, including termination of this contract without notice, repossession of equipment or materials without legal process and recovery of all sums due hereunder. The customer shall pay A&B Construction's cost of collection and enforcement including court cost, attorney's fees and interest.
6. All wells and septic systems installed by A & B Construction will be warranted for one (1) year from date of installation.

Customer is responsible for being present at... or having a representative available for the final inspection.

11/5/02
1/2 - C/C #14 H2
Balance Pd
12/2/02
C/C
1501

WINDCODE Garage Doors

Clopay's WindCode® garage doors are designed to help withstand high winds resulting from tropical storms and other strong wind related weather events. This user-friendly system assists you in selecting the right garage door for your area and building structure and helps provide peace of mind for your home, family and contents.

Beauty Design Options

Clopay's WindCode product offering has the widest range of panel styles, colors and window designs available today. Accent your home's design while providing the protection you need against strong winds. Choose from Traditional, Elegant or Flush panel designs and Designer or Decorative windows for that extra curb appeal.



Designed and Tested to Withstand Strong Winds

All Clopay WindCode doors have been designed and tested to meet many different code requirements. Additional interior horizontal steel reinforcement along with increased hardware and springing components are installed so your door is ready when a storm hits. No posts or pins are required to secure your door if you are not there. Just lock your door.

How to Select the Right WindCode Door

Your Clopay WindCode garage door choice will depend on the following factors:

1. Local building code.
Contact your local building code official for specific wind code requirements for your area.
2. Wind speed in miles per hour (MPH).
Obtain from your building code official.
3. Structure exposure, B or C.
Exposure B is defined as urban and suburban areas, wooded areas or other terrain with numerous closely spaced obstructions. Exposure C is assumed unless the building site meets the definition of another exposure.
Exposure C is defined as open terrain with scattered obstructions including flat open ground, grasslands and shorelines in hurricane prone regions. All of Miami-Dade and Broward Counties in Florida are Exposure C.
4. Mean roof height.
Up to 15' high, one-story structure.
16' to 25' high, two-story structure.
5. Use the above information and the Clopay WindCode and Model Selection Charts on the following page to identify the right door for your home.

The garage doors are identified by "W" designations. The higher the "W" designation, the higher the pressure rating of the door.

Not all colors, sizes, and window options are available on all WindCode models. Consult your Clopay dealer for specifics.

Clopay WindCode products include standard model features (see individual product sell sheets) plus:

- Horizontal steel reinforcement struts for increased support to withstand increased wind pressures and building code requirements.
- Upgraded springs, track, rollers and other hardware components to ensure maximum, long lasting performance.

The charts below are intended as a reference only. Please refer to the specific wind load guides and engineering drawings to match your application with a specific door and confirm the pressure rating with the building code authority.

International Building Code or Florida Building Code (ASCE7) - (Exposure B)

Wind Speed (MPH)	10-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	101-110	111-120	121-130	131-140	141-150	151-160	161-170	171-180	181-190	191-200
15' One-story	W1	W2/W3	W3	W4	W5	W6	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7
25' Two-story	W1	W2/W3	W3	W4	W5	W6	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7

International Building Code or Florida Building Code (ASCE7) - (Exposure C)

Wind Speed (MPH)	10-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	101-110	111-120	121-130	131-140	141-150	151-160	161-170	171-180	181-190	191-200
15' One-story	W3/W4	W3/W4	W4	W5	W6	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7
25' Two-story	W4	W4	W5	W6	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7	W7

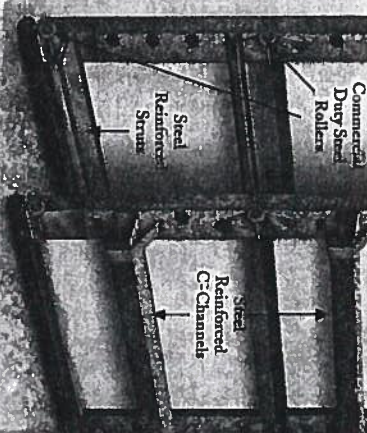
* Broward County, Florida is 140 MPH and Miami-Dade County, Florida is 146 MPH, exposure C only.

WindCode Design Pressure Reference Chart

Design Pressure Minimums	+12 PSF	+15 PSF	+19 PSF	+23 PSF	+28 PSF	+37 PSF	+40 PSF	+46 PSF	+54 PSF
Test Pressure Minimums	+19 PSF	+23 PSF	+29 PSF	+34 PSF	+42 PSF	+55 PSF	+60 PSF	+69 PSF	+81 PSF

WindCode Model Selection Guide

W1	73, 76, 94, 1000, 1001, 1100, 1500, 4050, 4051, 4053, 4300, 4301, 4310, 4400, 4401
W2	73, 94, 1500
W3	73, 94, 1000, 1001, 1500, 4050, 4051, 4053
W4	73, 76, 94, 1500, 4300, 4301, 4310, 4400, 4401
W5	73, 76, 94, 1000, 1001, 1500, 4050, 4051
W6	73, 94, 4050, 4051, 4053, 4300, 4301, 4310, 4400, 4401
W7	73, 94
W8	73, 94, 94D, 4300, 4301, 4310, 4400, 4401
W9	94



* All models are not available in all sizes.
 † Designates Dade County special steel requirement.
 Brown ■ designates Extended Height (8' 3" - 12' High) doors available.