

DATE 06/15/2005

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023271

APPLICANT CINDY SMITH PHONE 752.5355  
ADDRESS 466 SW DEPUTY J. DAVIS LANE LAKE CITY FL 32024  
OWNER FREEDOM MOBILE HOME SALES, INC. PHONE 752.5355  
ADDRESS 120 SW NATHAN PLACE LAKE CITY FL 32024  
CONTRACTOR WILLIAM HARPER PHONE 752.2571  
LOCATION OF PROPERTY 90-W TO C-252-B, TL GO TO DEER CREEK S/D, WHITETAIL CR, TR GO  
TO NTHAN CRT, TR AND IT'S THE FIRST LOT ON R.

TYPE DEVELOPMENT MODULAR/UTILITY ESTIMATED COST OF CONSTRUCTION .00  
HEATED FLOOR AREA TOTAL AREA HEIGHT .00 STORIES  
FOUNDATION WALLS ROOF PITCH FLOOR  
LAND USE & ZONING RSF-MH-2 MAX. HEIGHT  
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00  
NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 03-4S-16-02732-551 SUBDIVISION DEER CREEK  
LOT 51 BLOCK PHASE III UNIT TOTAL ACRES .34

000000695 N R282811402  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
18"X24"MITERED X-04-0308 BLK N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD

NOC ON FILE

Check # or Cash 2619

## FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by  
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by  
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by  
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by  
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by  
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by  
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by  
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ .00 CERTIFICATION FEE \$ .00 SURCHARGE FEE \$ .00  
MISC. FEES \$ 200.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 17.01 WASTE FEE \$ 36.75  
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 328.76

INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

### This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.



Application # 17-06 Date Received 7/13 By JW Permit # 23271/695  
Application Approved by - Zoning Official \_\_\_\_\_ Date \_\_\_\_\_ Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
Flood Zone \_\_\_\_\_ Development Permit \_\_\_\_\_ Zoning \_\_\_\_\_ Land Use Plan Map Category \_\_\_\_\_  
Comments - CK# 2619 - culvert - 2620

Applicants Name WILLIAM L. HARPER Phone 386-752-2571  
Address 119 SW Hobby Place, Lake City, Florida 32024  
Owners Name FREEDOM MOBILE HOME SALES, INC. Phone 385-752-5355  
911 Address 120 SW Nathan Court, Lake City, Florida 32024  
Contractors Name William L. Harper Phone 386-752-2571  
Address 119 SW Hobby Place, Lake City, FL 32024  
Fee Simple Owner Name & Address FREEDOM MOBILE HOME SALES, INC.  
Bonding Co. Name & Address N/A 466 SW Deputy J. Davis Lane, Lake City, FL 32024  
Architect/Engineer Name & Address \_\_\_\_\_  
Mortgage Lenders Name & Address First Federal Savings Bank of Florida  
P.O. Box 2029, Lake City, Florida 32056  
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number 03-4S-16-02732-551 Estimated Cost of Construction 84,000.00  
Subdivision Name DEER CREEK Lot 51 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase III  
Driving Directions Hwy. 90 West to 252B - Turn Left, Go to Deer Creek Subdivision  
WhiteTail Court - Turn Right follow around to Nathan Court - Turn Right, First  
Lot on the right - #51  
Type of Construction Modular Home Number of Existing Dwellings on Property 0  
Total Acreage .346 Lot Size \_\_\_\_\_ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 35 Side 48 Side 30 Rear 48/38  
Total Building Height 14' Number of Stories 1 Heated Floor Area 1508 Roof Pitch 5/12

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

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

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF 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.

FREEDOM MOBILE HOME SALES, INC.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

I, \_\_\_\_\_ (or affirmed) and subscribed before me  
on \_\_\_\_\_ day of JUNE 20 05.  
known \_\_\_\_\_ or Produced Identification \_\_\_\_\_



Cheryl Sanders-Gerson  
Commission # DD13337  
Expires Aug. 22, 2005  
Bonded Through  
Atlantic Bonding Co., Inc.

Contractor Signature  
Contractors License Number RR282811402  
Competency Card Number 5385  
NOTARY STAMP/SEAL

Cheryl Sanders-Gerson  
Notary Signature

ADVISED Cindy on 6-15-05



# PERMIT APPLICATION FOR MODULAR HOME INSTALLATION APPLICATION

For Office Use Only		Zoning Official	BLK 22.11.04	Building Official	OK JTH 03-24-05
AP#	0411-60	Date Received		By	
Flood Zone	X per plat	Development Permit	N/A	Zoning	RSF/MH-3
Comments		Land Use Plan Map Category			
		RES. Mod. Dev.			
FEMA Map #		Elevation		Finished Floor	
		River		In Floodway	
<input checked="" type="checkbox"/> Site Plan with Setbacks shown	<input checked="" type="checkbox"/> Environmental Health Signed Site Plan	<input checked="" type="checkbox"/> Env. Health Release			
<input checked="" type="checkbox"/> Well letter provided	<input checked="" type="checkbox"/> Existing Well			Revised 9-23-04	

- Property ID 03-45-16-02732-551 Must have a copy of the property deed
- New MODULAR Home ☒ Used Mobile Home ☐ Year 2005
- Subdivision Information Deer Creek Phase III Lot # 51
- Applicant FREEDOM MOBILE HOME SALES INC. Phone # 752-5355
- Address 466 SW DEPUTY J. DAVIS LN. LAKE CITY, FL 32024
- Name of Property Owner Freedom Mobile Homes, Inc. Phone # 752-5355
- 911 Address 120 SW NATHAN COURT, L.C. 32024
- Circle the correct power company - FL Power & Light - Clay Electric  
(Circle One) - Suwannee Valley Electric - Progressive Energy
- Name of Owner of Mobile Home Freedom Mobile Homes, Inc. Phone # 752-5355
- Address 466 SW Deputy J. Davis Road Lake City, FL 32024
- Relationship to Property Owner Same
- Current Number of Dwellings on Property 0
- Lot Size \_\_\_\_\_ Total Acreage .346 ac
- Do you : Have an Existing Drive or need a Culvert Permit or a Culvert Waiver Permit
- Driving Directions  Hwy 90 West to 252B Turn (Left) / go to Deer Creek "White Tail Court" Turn (Right) / Follow around to "Nathan Ct" Turn (Right) / 1st lot on the (Right) #51
- Is this Mobile Home Replacing an Existing Mobile Home NO
- Name of Licensed Dealer/Installer FREEDOM MOBILE HOMES Phone # 752-5355
- Installers Address 466 SW Deputy J. DAVIS LN. LAKE CITY, FL 32024
- License Number DH11215 Installation Decal # \_\_\_\_\_

I - INFORMATION -



13.28

3

48

48'

REC-5BCC  
1026

13

86-

IN DRIVE

82

3-

49

85

GE

512 793-0

4784

POT



Rec. 18.50  
DE. 1904.00

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. 05-18

Property Appraiser's  
Parcel Identification No.  
03-4S-16-02732-532

Inst:2005005657 Date:03/10/2005 Time:15:59

Doc Stamp-Deed : 1904.00

P DC, P. DeWitt Cason, Columbia County B:1040 P:603

#### WARRANTY DEED

THIS INDENTURE, made this 7th day of March 2005, BETWEEN CLYDE B. MUSGROVE, as Trustee Under The Provisions of That Certain Trust Agreement dated June 24, 1987, whose post office address is 8732 US Highway 90, Live Oak, Florida 32060, of the County of Suwannee, State of Florida, grantor\*, and FREEDOM MOBILE HOME SALES, INC., a Florida corporation, whose post office address is 466 SW Deputy J. Davis Lane, Lake City, Florida 32024, 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:

Lot 32 of DEER CREEK SUBDIVISION PHASE II, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 11 and 12 of the public records of Columbia County, Florida.

PARCEL NO. 2:

Lots 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 72, 74, 76 and 77 of DEER CREEK PHASE 3, a subdivision according to the plat thereof recorded in Plat Book 7, Pages 186 and 187 of the public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

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:

Myrtle Ann McElroy  
(First Witness)  
Myrtle Ann McElroy  
Printed Name

DeEtte F. Brown  
(Second Witness)  
DeEtte F. Brown  
Printed Name

Clyde B. Musgrove (SEAL)  
Clyde B. Musgrove, As Trustee  
Under The Provisions of That  
Certain Trust Agreement dated  
June 24, 1987

Inst:2005005657 Date:03/10/2005 Time:15:59  
Doc Stamp-Deed : 1904.00  
DC,P.DeWitt Cason,Columbia County B:1040 P:604

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 7th  
day of March 2005, by CLYDE B. MUSGROVE, as Trustee Under The  
Provisions of That Certain Trust Agreement dated June 24, 1987. He  
is personally known to me and did not take an oath.

Myrtle Ann McElroy  
Notary Public  
My Commission Expires: \_\_\_\_\_





# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	FP-104	Builder:	
Address:		Permitting Office:	Columbia
City, State:		Permit Number:	23272
Owner:	PRECISION HOIMES	Jurisdiction Number:	221000
Climate Zone:	Central		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 32.0 kBtu/hr SEER: 12.00
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?	No	13. Heating systems	
6. Conditioned floor area (ft²)	1508 ft²	a. Electric Heat Pump	Cap: 34.1 kBtu/hr HSPF: 6.80
7. Glass area & type	Single Pane Double Pane	b. N/A	
a. Clear glass, default U-factor	0.0 ft² 0.0 ft²	c. N/A	
b. Default tint, default U-factor	0.0 ft² 0.0 ft²	14. Hot water systems	
c. Labeled U-factor or SHGC	12.2 ft² 176.2 ft²	a. Electric Resistance	Cap: 40.0 gallons EF: 0.97
8. Floor types		b. N/A	
a. Raised Wood, Stem Wall	R=19.0, 1508.0ft²	c. N/A	
b. N/A		15. HVAC credits	
c. N/A		(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, Exterior	R=13.0, 1344.0 ft²		
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1508.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 150.0 ft		
b. N/A			

Glass/Floor Area: 0.12

Total as-built points: 21580

Total base points: 23173

**PASS**

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

PREPARED BY: W. H. C.DATE: 1-22-05

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

OWNER/AGENT: See Contract withDATE: Florida DCA

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: James A. Lyons Plan No. DATE: 

Modular Building Plans Examiner  
Florida License No. SMP-12

SEE MANUFACTURER'S CONTRACT  
WITH FLORIDA DCA

EnergyGauge® (Version: FLRCSB v3.4)

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT								
<b>GLASS TYPES</b>												
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points					
.18	1508.0	25.78	6997.7	Double, U=0.48, Clear	N	1.0	10.0	78.6	28.23	0.99	2206.2	
				Double, U=0.48, Clear	E	1.0	10.0	24.4	57.38	0.99	1391.9	
				Double, U=0.48, Clear	S	1.0	10.0	73.2	43.70	0.99	3167.1	
				Single, U=0.48, Clear	W	1.0	10.0	12.2	59.76	0.99	725.1	
				As-Built Total:				188.4				7490.3
<b>WALL TYPES</b>												
Area X BSPM = Points				Type	R-Value		Area X SPM = Points					
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1344.0	1.70		2284.8		
Exterior	1344.0	1.90	2553.6									
Base Total:				As-Built Total:		1344.0		2284.8				
<b>DOOR TYPES</b>												
Area X BSPM = Points				Type	Area X SPM = Points							
Adjacent	0.0	0.00	0.0	Exterior Insulated	38.4 4.80 184.3							
Exterior	38.4	4.80	184.3									
Base Total:				As-Built Total:		38.4		184.3				
<b>CEILING TYPES</b>												
Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points					
Under Attic	1508.0	2.13	3212.0	Under Attic	30.0		1508.0	2.13 X 1.00		3212.0		
Base Total:				As-Built Total:		1508.0		3212.0				
<b>FLOOR TYPES</b>												
Area X BSPM = Points				Type	R-Value		Area X SPM = Points					
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0		1508.0	-1.80		-2714.4		
Raised	1508.0	-3.43	-5172.4									
Base Total:				As-Built Total:		1508.0		-2714.4				
<b>INFILTRATION</b>												
Area X BSPM = Points				Area X SPM = Points								
1508.0 14.31 21579.5				1508.0 14.31 21579.5								

*Handwritten Signature*  
2-5-05



**SUMMER CALCULATIONS**

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points:		29354.7		Summer As-Built Points:		32036.5					
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
29354.7		0.4266	12522.7	32036.5		1.000	(1.087 x 1.150 x 1.02)	0.284	1.000	11607.7	
				32036.5		1.00	1.275	0.284	1.000	11607.7	

*Chris V. Vot*  
2-21-05



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC      Overhang Ornt   Len   Hgt   Area X WPM X WOF = Points							
.18	1508.0	5.86	1590.6	Double, U=0.48, Clear	N	1.0	10.0	78.6	6.03	1.00	473.5
				Double, U=0.48, Clear	E	1.0	10.0	24.4	3.98	1.00	97.4
				Double, U=0.48, Clear	S	1.0	10.0	73.2	1.96	1.00	142.9
				Single, U=0.48, Clear	W	1.0	10.0	12.2	4.26	1.00	51.9
				As-Built Total:      188.4      765.6							
<b>WALL TYPES</b> Area X BWPM = Points				Type      R-Value      Area X WPM = Points							
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior				13.0	1344.0	1.80	2419.2
Exterior	1344.0	2.00	2688.0								
Base Total:      1344.0      2688.0				As-Built Total:      1344.0      2419.2							
<b>DOOR TYPES</b> Area X BWPM = Points				Type      Area X WPM = Points							
Adjacent	0.0	0.00	0.0	Exterior Insulated					38.4	5.10	195.8
Exterior	38.4	5.10	195.8								
Base Total:      38.4      195.8				As-Built Total:      38.4      195.8							
<b>CEILING TYPES</b> Area X BWPM = Points				Type      R-Value      Area X WPM X WCM = Points							
Under Attic	1508.0	0.64	965.1	Under Attic				30.0	1508.0	0.64 X 1.00	965.1
Base Total:      1508.0      965.1				As-Built Total:      1508.0      965.1							
<b>FLOOR TYPES</b> Area X BWPM = Points				Type      R-Value      Area X WPM = Points							
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall				19.0	1508.0	0.30	452.4
Raised	1508.0	-0.20	-301.6								
Base Total:      -301.6				As-Built Total:      1508.0      452.4							
<b>INFILTRATION</b> Area X BWPM = Points				Area X WPM = Points							
1508.0      -0.28      -422.2				1508.0      -0.28      -422.2							

*mdnt*  
2-1-05



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points: 4715.8				Winter As-Built Points: 4376.0							
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
4715.8		0.6274	2958.7	4376.0		1.000	(1.078 x 1.160 x 1.09)	0.502	1.000	2993.7	
				4376.0		1.00	1.363	0.502	1.000	2993.7	

*Mr. Yatt*  
2-1-05



**WATER HEATING & CODE COMPLIANCE STATUS**

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
<b>WATER HEATING</b>									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank X Ratio	Multiplier X	Credit = Total Multiplier
3		2564.00	7692.0	40.0	0.97	3	1.00	2326.10	1.00 6978.3
				As-Built Total:					6978.3

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
12523		2959	7692 23173	11608		2994	6978 21580

**PASS***Handwritten signature*

2-1-05



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

*Max J. [Signature]*  
7-1-05

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.8

The higher the score, the more efficient the home.

PRECISION HOIMES, . . .

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 32.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1508 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 34.1 kBtu/hr
b. Default tint, default U-factor	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 6.80
c. Labeled U-factor or SHGC	12.2 ft <sup>2</sup> 176.2 ft <sup>2</sup>	b. N/A	
8. Floor types		c. N/A	
a. Raised Wood, Stem Wall	R=19.0, 1508.0ft <sup>2</sup>		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.97
a. Frame, Wood, Exterior	R=13.0, 1344.0 ft <sup>2</sup>	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1508.0 ft <sup>2</sup>	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 150.0 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 EnergyStar<sup>TM</sup> 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](http://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.*

EnergyGauge® (Version: FLRCSB v3.4)

*Handwritten signature and date: 2-1-05*



Florida Department of Community Affairs  
Residential Whole Building Performance Method A


my att  
2-1-05

PASS

<p>I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.</p> <p><b>PREPARED BY:</b> <u>[Signature]</u></p> <p><b>DATE:</b> <u>1-22-05</u></p> <p>I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.</p> <p><b>OWNER/AGENT:</b> <u>See CONTRACT</u></p> <p><b>DATE:</b> <u>See CONTRACT</u></p>	<p>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.</p> <p><b>BUILDING OFFICIAL:</b> <u>[Signature]</u> <b>Plan No.:</b> <u>          </u></p> <p><b>DATE:</b> <u>          </u> <b>Approved By:</b> <u>JAMES A. LYONS</u></p> <p><b>Module:</b> <u>          </u> <b>Examiner:</b> <u>          </u></p>
---	---

SEE MANUFACTURER'S CONTRACT WITH FLORIDA DCA.

EnergyGauge® (Version: FLRCSB v3.4)



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	1508.0	20.04	5439.7	Double,U=0.48,Clear	N	1.0	10.0	78.6	21.25	0.99	1661.6	
				Double,U=0.48,Clear	E	1.0	10.0	24.4	43.92	0.99	1065.9	
				Double,U=0.48,Clear	S	1.0	10.0	73.2	37.73	0.99	2736.5	
				Single,U=0.48,Clear	W	1.0	10.0	12.2	46.56	1.00	565.4	
				As-Built Total:				188.4		5029.4		
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			1344.0	1.50	2016.0		
Exterior	1344.0	1.70	2284.8									
Base Total:				As-Built Total:				1344.0		2016.0		
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated				38.4	4.10	157.4		
Exterior	38.4	6.10	234.2									
Base Total:				As-Built Total:				38.4		157.4		
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points				
Under Attic	1508.0	1.73	2608.8	Under Attic	30.0			1508.0	1.73 X 1.00		2608.8	
Base Total:				As-Built Total:				1508.0		2608.8		
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points				
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0			1508.0	-1.50	-2262.0		
Raised	1508.0	-3.99	-6016.9									
Base Total:				As-Built Total:				1508.0		-2262.0		
INFILTRATION Area X BSPM = Points							Area X SPM = Points					
	1508.0	10.21	15396.7				1508.0	10.21	15396.7			

*[Signature]*  
7-1-05



**SUMMER CALCULATIONS**

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 19947.3				Summer As-Built Points: 23946.3							
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
19947.3		0.4266	8509.5	23946.3		1.00	(1.090 x 1.147 x 1.02)	0.284	1.000	8685.3	
				23946.3		1.00	1.275	0.284	1.000	8685.3	

*(Signature)*  
2-1-05

WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	1508.0	12.74	3458.1	Double,U=0.48,Clear	N	1.0	10.0	78.6	13.32	1.00	1047.5	
				Double,U=0.48,Clear	E	1.0	10.0	24.4	7.72	1.01	189.5	
				Double,U=0.48,Clear	S	1.0	10.0	73.2	2.29	0.99	166.8	
				Single,U=0.48,Clear	W	1.0	10.0	12.2	8.38	1.00	102.4	
				As-Built Total:							188.4	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			1344.0	3.40	4569.6		
Exterior	1344.0	3.70	4972.8									
Base Total:		1344.0	4972.8	As-Built Total:		1344.0			4569.6			
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated				38.4	8.40	322.6		
Exterior	38.4	12.30	472.3									
Base Total:		38.4	472.3	As-Built Total:		38.4			322.6			
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points				
Under Attic	1508.0	2.05	3091.4	Under Attic	30.0			1508.0	2.05 X 1.00	3091.4		
Base Total:		1508.0	3091.4	As-Built Total:		1508.0			3091.4			
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0			1508.0	0.80	1206.4		
Raised	1508.0	0.96	1447.7									
Base Total:		1447.7		As-Built Total:		1508.0			1206.4			
INFILTRATION Area X BWPM = Points				Area X WPM = Points								
		1508.0	-0.59						1508.0	-0.59	-889.7	

*Handwritten signature*  
2-1-05



**WINTER CALCULATIONS**  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
----------------	-----------

BASE				AS-BUILT							
Winter Base Points:		12552.6		Winter As-Built Points:				9806.5			
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
12552.6		0.6274	7875.5	9806.5		1.00	1.337	0.501	1.000	6575.6	

*NA Watt*  
*2-1-05*

## Residential Whole Building Performance Method A - Details

BASE				AS-BUILT						
<b>WATER HEATING</b>										
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X	Credit = Total Multiplier
3		2746.00	8238.0	40.0	0.97	3		1.00	2491.22	1.00 7473.6
				As-Built Total: 7473.6						

CODE COMPLIANCE STATUS													
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
8510		7876		8238		24623	8685		6576		7474		22735

# PASS



Robert

2-1-05



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

*May 11th*  
*2-1-05*

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.3

The higher the score, the more efficient the home.

PRECISION HOIMES, , , ,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 32.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1508 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 34.1 kBtu/hr
b. Default tint, default U-factor	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 6.80
c. Labeled U-factor or SHGC	12.2 ft <sup>2</sup> 176.2 ft <sup>2</sup>	b. N/A	
8. Floor types		c. N/A	
a. Raised Wood, Stern Wall	R=19.0, 1508.0 ft <sup>2</sup>		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.97
a. Frame, Wood, Exterior	R=13.0, 1344.0 ft <sup>2</sup>	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1508.0 ft <sup>2</sup>	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 150.0 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 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](http://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.*

EnergyGauge® (Version: FLRCSB v3.4)



# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

EnergyGauge®

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name: **FP-104**  
Address:  
City, State:  
Owner: **PRECISION HOIMES**  
Climate Zone: **South**

Builder:  
Permitting Office:  
Permit Number:  
Jurisdiction Number:

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 32.0 kBtu/hr SEER: 12.00
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?	No	13. Heating systems	
6. Conditioned floor area (ft <sup>2</sup> )	1508 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 34.1 kBtu/hr HSPF: 6.80
7. Glass area & type		b. N/A	
a. Clear glass, default U-factor	Single Pane 0.0 ft <sup>2</sup>	c. N/A	
b. Default tint, default U-factor	Double Pane 0.0 ft <sup>2</sup>	14. Hot water systems	
c. Labeled U-factor or SHGC	0.0 ft <sup>2</sup>	a. Electric Resistance	Cap: 40.0 gallons EF: 0.97
8. Floor types	12.2 ft <sup>2</sup>	b. N/A	
a. Raised Wood, Stem Wall	R=19.0, 1508.0 ft <sup>2</sup>	c. N/A	
b. N/A		15. HVAC credits	
c. N/A		(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, Exterior	R=13.0, 1344.0 ft <sup>2</sup>		
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1508.0 ft <sup>2</sup>		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. All: Outdoors	Sup. R=6.0, 150.0 ft		
b. N/A			

APL with  
2-1-05

Glass/Floor Area: 0.12

Total as-built points: 23730  
Total base points: 25747

**PASS**

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

PREPARED BY: W. H. C.  
DATE: 1-22-05

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

OWNER/AGENT: See Contract with Florida DCA  
DATE: Florida DCA

**SEE MANUFACTURER'S CONTRACT  
WITH FLORIDA DCA**

EnergyGauge® (Version: FLRCSB v3.4)

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: James A. Lyons  
DATE: 2-1-05

Modular Building Plans Examiner  
Florida License No. SMP-12

WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	1508.0	2.36	640.6	Double,U=0.48,Clear	N	1.0	10.0	78.6	2.47	1.00	193.6	
				Double,U=0.48,Clear	E	1.0	10.0	24.4	1.43	1.01	35.1	
				Double,U=0.48,Clear	S	1.0	10.0	73.2	1.27	1.00	92.2	
				Single,U=0.48,Clear	W	1.0	10.0	12.2	1.98	1.00	24.2	
				As-Built Total:				188.4		345.1		
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			1344.0	0.60	806.4		
Exterior	1344.0	0.60	806.4									
Base Total:				1344.0				806.4				
				As-Built Total:				1344.0		806.4		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points							
Adjacent	0.0	0.00	0.0	Exterior Insulated	38.4 1.80 69.1							
Exterior	38.4	1.80	69.1									
Base Total:				38.4				69.1				
				As-Built Total:				38.4		69.1		
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points				
Under Attic	1508.0	0.10	150.8	Under Attic	30.0			1508.0	0.10 X 1.00		150.8	
Base Total:				1508.0				150.8		150.8		
				As-Built Total:				1508.0		150.8		
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points				
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0			1508.0	-0.10	-150.8		
Raised	1508.0	-0.28	-422.2									
Base Total:				-422.2				-150.8				
				As-Built Total:				1508.0		-150.8		
INFILTRATION Area X BWPM = Points				Area X WPM = Points								
1508.0 -0.06 -90.5				1508.0 -0.06 -90.5								

*[Handwritten Signature]*

2-1-05



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points: 1154.2				Winter As-Built Points: 1130.1						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
1154.2		0.6274	724.1	1130.1 1130.1		1.000 1.00	(1.099 x 1.137 x 1.08) 1.350	0.501 0.501	1.000 1.000	764.8 764.8

*mylitt*  
2-1-05

**WATER HEATING & CODE COMPLIANCE STATUS**

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT					
<b>WATER HEATING</b>										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
3		2369.00		7107.0	40.0	0.97	3		1.00	2149.20
					As-Built Total:					6447.6

CODE COMPLIANCE STATUS													
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
17916		724		7107		25747	16518		765		6448		23730



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	



2-1-05



# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.9

The higher the score, the more efficient the home.

PRECISION HOIMES, , , ,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 32.0 kBtu/
3. Number of units, if multi-family	1		SEER: 12.0
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1508 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 34.1 kBtu/hr
b. Default tint, default U-factor	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 6.80
c. Labeled U-factor or SHGC	12.2 ft <sup>2</sup> 176.2 ft <sup>2</sup>	b. N/A	
8. Floor types		c. N/A	
a. Raised Wood, Stem Wall	R=19.0, 1508.0ft <sup>2</sup>		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.97
a. Frame, Wood, Exterior	R=13.0, 1344.0 ft <sup>2</sup>	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1508.0 ft <sup>2</sup>	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 150.0 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 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](http://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.

EnergyGauge® (Version: FLRCSB v3.4)



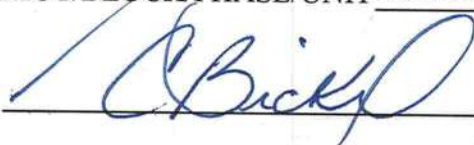
Columbia County Building Department  
Culvert Permit

Culvert Permit No.  
000000695

DATE 06/15/2005 PARCEL ID # 03-4S-16-02372-551  
APPLICANT CINDY SMITH PHONE 752.5355  
ADDRESS 120 SW NATAN COURT LAKE CITY FL 32024  
OWNER FREEDOM MOBILE HOME SALS,INC. PHONE 752.5355  
ADDRESS 120 SW NATHAN COURT LAKE CITY FL 32024  
CONTRACTOR WILLIAM HARPER PHONE 752.2571  
LOCATION OF PROPERTY 90-W TO C-252-B,TL GO TO DEER CREEK S/D, TO WHITETAIL CRT, TR FOLLOW  
AROUND TO NATHAN CRT, TR FIRST LOT ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT DEER CREEK 51 III

SIGNATURE



**INSTALLATION REQUIREMENTS**

☐

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

INSTALLATION NOTE: Turnouts will be required as follows:

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

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☒

Other WAIVER REQUEST APPROVED BY B.C.C. FOR 18"X24'

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

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

Amount Paid 25.00



Record and Return to:  
Freedom Mobile Home Sales, Inc,  
466 SW Deputy J Davis Lane  
Lake City, Florida 32024

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.

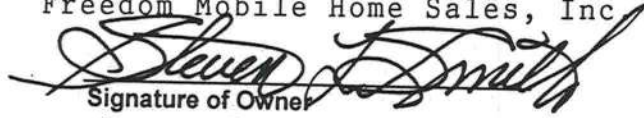
Tax Parcel ID Number 03-04S-16-02732-551

1. Description of property: (legal description of the property and street address or 911 address)  
120 SW Nathan Court, Lake City, Florida 32024  
Lot 51 Deer Creek Subdivision Phase, III, Columbia County, Florida
2. General description of improvement: Modular Home
3. Owner Name & Address Freedom Mobile Home Sales, Inc. 466 SW Deputy J Davis Lane, Lake City, Fl. 32024 Interest in Property Fee Simple
4. Name & Address of Fee Simple Owner (if other than owner): \_\_\_\_\_
5. Contractor Name William L. Harper Phone Number 386-752-2571  
Address 119 SW Hobby Place, Lake City, Florida 32024
6. Surety Holders Name N/A Phone Number \_\_\_\_\_  
Address \_\_\_\_\_  
Amount of Bond \_\_\_\_\_
7. Lender Name First Federal Savings Bank Phone Number (368) 755-0600  
Address P.O. Box 2020, Lake City, Florida 32056
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents served as provided by section 718.13 (1)(a) 7; Florida Statute  
Name N/A Inst:2005014153 Date:06/16/2005 Time:12:57  
Address DC, P. DeWitt Cason, Columbia County B:1049 P:344
9. In addition to himself/herself the owner designat \_\_\_\_\_  
\_\_\_\_\_ 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) \_\_\_\_\_

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.

Freedom Mobile Home Sales, Inc

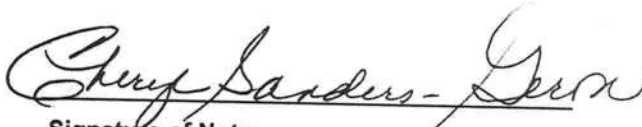
  
Signature of Owner  
Steven L. Smith

Sworn to (or affirmed) and subscribed before  
16 day of June, 2005

NOTARY STAMP/SEAL



Cheryl Sanders-Gerow  
Commission # DD132357  
Expires Aug. 22, 2006  
Bonded Thru  
Atlantic Bonding Co., Inc.

  
Signature of Notary



# COLUMBIA COUNTY OFFICE 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 03-4S-16-02732-551 Building permit No. 000023271

Use Classification MODULAR/UTILITY Fire: 17.01

Permit Holder WILLIAM HARPER Waste: 36.75

Owner of Building FREEDOM MOBILE HOME SALES, INC. Total: 53.76

Location: 120 SW NATHAN PLACE, LAKE CITY, FL 32024 PAID in full

Date: 08/23/2006 Harry Blisko



Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)