DATE 12/08/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025299

APPLICANT WILLIAM HARPER PHONE 386.688.4192

ADDRESS 119 SW HOBBY PLACE LAKE CITY FL 32024

OWNER FREEDOM MOBILE HOME SALES,INC. PHONE 386.752.5355

ADDRESS 422 SW WHITETAIL CIRCLE LAKE CITY FL 32024

CONTRACTOR WILLIAM HARPER PHONE 386.688.4192

LOCATION OF PROPERTY 90-W TO C-252-B,TL TO CALLAHAN AVE,TL TO WHITETAIL CR,TR AND APPROX. IT'S THE 14TH LOT ON L.(OR 4TH LOT PAST CUL-DE-SAC)

TYPE DEVELOPMENT MODULAR/UTIILITY ESTIMATED COST OF CONSTRUCTION 0.00

HEATED FLOOR AREA 1456.00 TOTAL AREA _____ HEIGHT 15.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 4'12 FLOOR CONC

LAND USE & ZONING RSF-MH-3 MAX. HEIGHT 35

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-16-02732-574 SUBDIVISION DEER CREEK

LOT 74 BLOCK _____ PHASE 3 UNIT _____ TOTAL ACRES 0.33

000001272 _____ R282811402 _____

Culvert Permit No. | Culvert Waiver | Contractor's License Number | Applicant/Owner/Contractor

18"X24'MITERED X-06-0425 BLK JTH N

Driveway Connection | Septic Tank Number | LU & Zoning checked by | Approved for Issuance | New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 1178

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 $ 0.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

MISC. FEES $ 200.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $ _____

FLOOD DEVELOPMENT FEE $ _____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ 25.00 **TOTAL FEE** 300.00

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.

(9)

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 06-638
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

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

Inst:2006028933 Date:12/07/2006 Time:16:43
DC,P.DeWitt Cason,Columbia County B:1104 P:875

PERMIT NO._____ **TAX FOLIO NOS.:**_____

NOTICE OF RE-COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

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.

1. Description of property:

Lot 74 of DEER CREEK PHASE 3, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 186 and 187 of the public records of Columbia County, Florida.

2. General description of improvement: A Single Family Dwelling.

3. Owner information:

a. Name and address: FREEDOM MOBILE HOME SALES, INC., 466 SW Deputy J. Davis Lane, Lake City, FL 32024.

b. Interest in property: Fee Simple

c. Name and address of fee simple title holder (if other than Owner):

4. Contractor: BILL HARPER, 119 Hobby Place, Lake City, FL 32024.

5. Surety

a. Name and address: None

6. Lender: FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 West Highway 90
Lake City, FL 32055

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: None

8. In addition to himself, Owner designates TERESA DAVIS, of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West US Highway 90, Lake City, FL 32055, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. This Notice of Commencement replaces the Notice of Commencement recorded in Official Records Book 1103, Page 2731, public records of Columbia County, Florida, which is null and void, and this Notice of Commencement shall expire on December 7, 2007.

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Bonnie Lou Deputy Clerk
Date 12/7/06

FREEDOM MOBILE HOME SALES, INC.

By: WAYNE FRIER, President

By: STEVEN L. SMITH, Vice President

The foregoing instrument was acknowledged before me this 7th day of December, 2006, by WAYNE FRIER as President and STEVEN L. SMITH, as Vice President of FREEDOM MOBILE HOME SALES, INC. They are personally known to me and who did not take an oath.

Notary Public
My commission expires:_____

TERRY MCDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

Inst:2006028933 Date:12/07/2006 Time:16:43
_____DC,P.DeWitt Cason,Columbia County B:1104 P:876

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0612-08 Date Received 12/5/06 By CT Permit # 1272-25259

Application Approved by - Zoning Official BLK Date 08.12.06 Plans Examiner OKTH Date 12-4-06

Flood Zone Xplat Development Permit N/A Zoning RSF/MH-3 Land Use Plan Map Category Res. Med. Den.

Comments Ck# 1178 City Water

Applicants Name WILLIAM L. HARPER Phone 386-688-4192

Address 119 SW. HOBBY PL. LAKE CITY, FL. 32024

Owners Name FREEDOM MOBILE HOME SALES INC. Phone 386-752-5353

911 Address 422 S.W. WHITETAIL CIRCLE, LAKE CITY, FL 32024

Contractors Name WILLIAM L. HARPER Phone 386-752-2571

Address 119 SW HOBBY PL. LAKE CITY FL. 32024

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address FULTZ/PLANS KNENE/FOUNDATION

Mortgage Lenders Name & Address FIRST FEDERAL

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

Property ID Number 03-4S-16-02732-574 Estimated Cost of Construction $100,000.00

Subdivision Name DEER CREEK Lot 74 Block ____ Unit ____ Phase 3

Driving Directions TAKE U.S. 90 WEST TO S.E. CALLAHAN AVE (252B), TURN LEFT, TAKE S.E. CALLAHAN AVE. TO WHITETAIL CIRCLE (DEER CREAK SUB.), TURN RIGHT, FOLLOW WHITETAIL CIRCLE, PROPERTY ON LEFT

Type of Construction _____ Number of Existing Dwellings on Property _____

Total Acreage 0.333 Lot Size 0.333 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 30' Side 10' Side 30' Rear 90'

Total Building Height 15' Number of Stories 1 Heated Floor Area 1456 sf Roof Pitch 4/12

1456 TOTAL

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

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 5th day of DECEMBER 2006.

Personally known ____ or Produced Identification ____

Contractor Signature

Contractors License Number RR2828 11402

Competency Card Number 5616

NOTARY STAMP/SEAL

#DD 408582

Notary Signature

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001272

DATE 12/08/2006 PARCEL ID # 03-4S-16-02732-574

APPLICANT WILLIAM HARPER PHONE 386.688.4192

ADDRESS 119 SW HOBBY PLACE LAKE CITY FL 32024

OWNER FREEDOM MOBILE HOME SALES,INC. PHONE 386.752.5355

ADDRESS 422 SW WHITETAIL CIRCLE LAKE CITY FL 32024

CONTRACTOR WILLIAM HARPER PHONE 386.688.4192

LOCATION OF PROPERTY 90-W TO C-252-B,TL TO CALLAHAN AVE,TL TO WHITETAIL CR,TR AND IT'S

APPROX. THE 14TH LOT ON L.(OR 4TH LOT PAST CUL-DE-SAC.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT DEER CREEK 74 3

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 APPROVED FOR 18"X24' MITERED CULVERTS.

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

Columbia County Property Appraiser

DB Last Updated: 11/20/2006

Parcel: 03-4S-16-02732-574

2007 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

<< Prev Search Result: 2 of 6 Next >>

Owner's Name	FREEDOM MOBILE HOMES SALES		
Site Address			
Mailing Address	466 SW DEPUTY J DAVIS LANE LAKE CITY, FL 32024		
Use Desc. (code)	VACANT (000000)		
Neighborhood	3416.00	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	0.333 ACRES		
Description	LOT 74 DEER CREEK S/D PHASE 3 WD 1040-603.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$20,000.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$20,000.00

Just Value	$20,000.00
Class Value	$0.00
Assessed Value	$20,000.00
Exempt Value	$0.00
Total Taxable Value	$20,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
3/7/2005	1040/603	WD	V	U	02	$272,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
			NONE			

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
				NONE		

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.333AC)	1.00/1.00/1.00/1.00	$20,000.00	$20,000.00

Columbia County Property Appraiser DB Last Updated: 11/20/2006

<< Prev 2 of 6 Next >>

HWC

ENGINEERING • INSPECTIONS
CERTIFICATIONS • TESTING

February 22, 2006

Precision Homes
305 East Third Street
Ocilla, GA 31774

RE: Manufacturer: Precision Homes
S/N, Size & Occupancy: FP-103 (26 X 56) "R"
HWC Plan #: 1R-2056-0856F

To Whom It May Concern:

This is to certify that the plans for the referenced manufactured building have been reviewed and approved as being in compliance with the 2004 Florida Codes and Standards, with 2005 supplement, as noted on the approved drawings, subject to the following limitations:

1. Approval covers factory-built structure only.
2. Items installed at the site are subject to review, approval, and inspection by the local authority having jurisdiction.
3. The Chapter 633 Plan Review and Inspection shall be conducted by the local fire safety inspector.
4. Complies with Rule 9B-72 (Product Approval) as noted on plans.
5. Signed and sealed plans shall be on file with HWC Engineering.
6. NOT approved for High Velocity Hurricane Zone (i.e., Broward and Dade Counties).

Sincerely,

HILBORN, WERNER, CARTER & ASSOCIATES, INC.

Plan Reviewer

HILBORN, WERNER, CARTER AND ASSOCIATES, INC.
1627 SOUTH MYRTLE AVENUE CLEARWATER, FLORIDA 33756
(727) 584-8151
FAX: (727) 586-3343 / (727) 585-2392 / (727) 587-0447
Modular Dapia Inspection

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	FP-103	Builder:	
Address:		Permitting Office:	
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	Central		

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	4	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	1456 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble, U=0.5) 34.9 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 85.3 ft²	
8.	Floor types		
a.	Raised Wood, Stem Wall	R=11.0, 1456.0ft²	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 1115.0 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1456.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 100.0 ft	
b.	N/A		

SEE MANUFACTURER'S CONTRACT WITH FLORIDA DCA.

12.	Cooling systems		
a.	Central Unit	Cap: 32.0 kBtu/hr SEER: 12.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 34.1 kBtu/hr HSPF: 6.80	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 40.0 gallons EF: 0.97	
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)		

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 31 2005
HWC

10-25-05

Glass/Floor Area: 0.09

Total as-built points: 22736
Total base points: 24426

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: 10-15-05

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

OWNER/AGENT: See Manuf. Contract

DATE: w/ FLA. 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: 10-31-05

DATE:

Plan No. 2056-0856F
Approved By JAMES A. LYONS

[signature]
Modular Building Plans Examiner

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: , , , PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	1456.0	25.78	6756.4	Double,U=0.49,Clear	SE	1.0	8.0	22.0	54.83	1.00	1200.1
				Double,U=0.49,Clear	SE	1.0	8.0	69.9	54.83	1.00	3815.5
				Double,U=0.49,Clear	SW	1.0	8.0	11.0	51.29	0.99	560.2
				Double,U=0.49,Clear	NE	1.0	8.0	28.4	42.75	0.99	1203.0
				As-Built Total:				**131.2**			**6778.7**
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	1115.0	1.70		1895.5
Exterior	1115.0	1.90	2118.5								
Base Total:	**1115.0**		**2118.5**	**As-Built Total:**				**1115.0**			**1895.5**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	0.0	0.00	0.0	Exterior Insulated				40.0	4.80		192.0
Exterior	40.0	4.80	192.0								
Base Total:	**40.0**		**192.0**	**As-Built Total:**				**40.0**			**192.0**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1456.0	2.13	3101.3	Under Attic			30.0	1456.0	2.13 X 1.00		3101.3
Base Total:	**1456.0**		**3101.3**	**As-Built Total:**				**1456.0**			**3101.3**
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			11.0	1456.0	-2.20		-3203.2
Raised	1456.0	-3.43	-4994.1								
Base Total:			**-4994.1**	**As-Built Total:**				**1456.0**			**-3203.2**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	1456.0	14.31	20835.4					1456.0	14.31		20835.4

10-25-05

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 28009.5			**Summer As-Built Points:**					**29599.7**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 32000 btuh ,SEER/EFF(12.0) Ducts:Unc(S),Unc(R),Out(AH),R6.0(INS)					
			29600	1.00	(1.09 x 1.150 x 1.02)	0.284	1.000	10724.8
28009.5	**0.4266**	**11948.8**	**29599.7**	**1.00**	**1.275**	**0.284**	**1.000**	**10724.8**

10-25-05

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1456.0	5.86	1535.8	Double,U=0.49,Clear	SE	1.0	8.0	22.0	2.66	1.01	59.1	
				Double,U=0.49,Clear	SE	1.0	8.0	69.9	2.66	1.01	188.0	
				Double,U=0.49,Clear	SW	1.0	8.0	11.0	3.43	1.00	37.8	
				Double,U=0.49,Clear	NE	1.0	8.0	28.4	5.89	1.00	167.1	
				As-Built Total:				**131.2**			**452.0**	
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	1115.0	1.80		2007.0	
Exterior	1115.0	2.00	2230.0									
Base Total:	**1115.0**		**2230.0**	**As-Built Total:**				**1115.0**			**2007.0**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				40.0	5.10		204.0	
Exterior	40.0	5.10	204.0									
Base Total:	**40.0**		**204.0**	**As-Built Total:**				**40.0**			**204.0**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points	
Under Attic	1456.0	0.64	931.8	Under Attic			30.0	1456.0	0.64 X 1.00		931.8	
Base Total:	**1456.0**		**931.8**	**As-Built Total:**				**1456.0**			**931.8**	
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			11.0	1456.0	0.50		728.0	
Raised	1456.0	-0.20	-291.2									
Base Total:			**-291.2**	**As-Built Total:**				**1456.0**			**728.0**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	1456.0	-0.28	-407.7					1456.0	-0.28		-407.7	

10-25-05

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**4202.7**	**Winter As-Built Points:**					**3915.2**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 34100 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Out(AH),R6.0					
			3915.2	1.000	(1.078 x 1.160 x 1.09)	0.502	1.000	2678.4
4202.7	**0.6274**	**2636.8**	**3915.2**	**1.00**	**1.363**	**0.502**	**1.000**	**2678.4**

10-25-05

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4		2460.00	9840.0	40.0	0.97	4	1.00	2333.20	1.00	9332.8	
				As-Built Total:						**9332.8**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
11949	**2637**	**9840**	**24426**	**10725**	**2678**	**9333**	**22736**

PASS

10-25-05

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 612.1.ABC.3.2. Switch or clearly marked cir 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.	

10-25-05

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.8

The higher the score, the more efficient the home.

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	4			b. N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	1456 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description	Area	13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble, U=0.5)	34.9 ft²		a. Electric Heat Pump	Cap: 34.1 kBtu/hr
	b. SHGC:					HSPF: 6.80
	(or Clear or Tint DEFAULT) 7b.	(Clear)	85.3 ft²		b. N/A	
8.	Floor types					
	a. Raised Wood, Stem Wall	R=11.0, 1456.0ft²			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 40.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1115.0 ft²				EF: 0.97
	b. N/A				b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1456.0 ft²		15.	HVAC credits	
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 100.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

10-25-05

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	FP-103	Builder:	
Address:		Permitting Office:	
City, State:	,	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	South		

APPROVED
OCT 31 2005
HWC
HILBORN, WERNER, CARTER & ASSOC

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	4	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	1456 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT)	7a. (Dble, U=0.5) 34.9 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 85.3 ft²	
8.	Floor types		
	a. Raised Wood, Stem Wall	R=11.0, 1456.0ft²	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 1115.0 ft²	
	b. N/A		
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 1456.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 100.0 ft	
	b. N/A		
12.	Cooling systems		
	a. Central Unit	Cap: 32.0 kBtu/hr SEER: 12.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump	Cap: 34.1 kBtu/hr HSPF: 6.80	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 40.0 gallons EF: 0.97	
	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)		

SEE MANUFACTURER'S CONTRACT WITH FLORIDA DCA.

Glass/Floor Area: 0.09

Total as-built points: 24724
Total base points: 26821

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: 10-15-05

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

OWNER/AGENT: See Manuf. Contract

DATE: w/FLA 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.

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

BUILDING OFFICIAL: Date 10-31-05

Plan No. 2056-0856F

Approved By JAMES A. LYONS

DATE:

[signature]

Modular Building Plans Examiner
Florida License No. [illegible]

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: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1456.0	32.50	8517.6	Double,U=0.49,Clear	SE	1.0	8.0	22.0	71.87	1.00	1572.3	
				Double,U=0.49,Clear	SE	1.0	8.0	69.9	71.87	1.00	4998.7	
				Double,U=0.49,Clear	SW	1.0	8.0	11.0	66.40	0.99	725.0	
				Double,U=0.49,Clear	NE	1.0	8.0	28.4	51.03	0.99	1436.0	
				As-Built Total:				**131.2**			**8732.0**	
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	1115.0	2.40		2676.0	
Exterior	1115.0	2.70	3010.5									
Base Total:	**1115.0**		**3010.5**	**As-Built Total:**				**1115.0**			**2676.0**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				40.0	6.40		256.0	
Exterior	40.0	6.40	256.0									
Base Total:	**40.0**		**256.0**	**As-Built Total:**				**40.0**			**256.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1456.0	2.80	4076.8	Under Attic			30.0	1456.0	2.77 X 1.00		4033.1	
Base Total:	**1456.0**		**4076.8**	**As-Built Total:**				**1456.0**			**4033.1**	
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			11.0	1456.0	-0.60		-873.6	
Raised	1456.0	-2.16	-3145.0									
Base Total:			**-3145.0**	**As-Built Total:**				**1456.0**			**-873.6**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1456.0	18.79	27358.2					1456.0	18.79		27358.2	

10-25-05

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 40074.2			**Summer As-Built Points:**					**42181.7**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 32000 btuh ,SEER/EFF(12.0) Ducts:Unc(S),Unc(R),Out(AH),R6.0(INS)					
			42182	1.00	(1.07 x 1.165 x 1.03)	0.284	1.000	15433.4
40074.2	**0.4266**	**17095.6**	**42181.7**	**1.00**	**1.288**	**0.284**	**1.000**	**15433.4**

10-25-05

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1456.0	2.36	618.5	Double,U=0.49,Clear	SE	1.0	8.0	22.0	1.08	1.02	24.1	
				Double,U=0.49,Clear	SE	1.0	8.0	69.9	1.08	1.02	76.7	
				Double,U=0.49,Clear	SW	1.0	8.0	11.0	1.83	1.00	20.1	
				Double,U=0.49,Clear	NE	1.0	8.0	28.4	2.30	1.00	65.2	
				As-Built Total:				**131.2**			**186.1**	
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	1115.0	0.60	669.0		
Exterior	1115.0	0.60	669.0									
Base Total:	**1115.0**		**669.0**	**As-Built Total:**				**1115.0**		**669.0**		
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =	Points		
Adjacent	0.0	0.00	0.0	Exterior Insulated				40.0	1.80	72.0		
Exterior	40.0	1.80	72.0									
Base Total:	**40.0**		**72.0**	**As-Built Total:**				**40.0**		**72.0**		
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	1456.0	0.10	145.6	Under Attic			30.0	1456.0	0.10 X	1.00	145.6	
Base Total:	**1456.0**		**145.6**	**As-Built Total:**				**1456.0**			**145.6**	
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			11.0	1456.0	0.00	0.0		
Raised	1456.0	-0.28	-407.7									
Base Total:			**-407.7**	**As-Built Total:**				**1456.0**		**0.0**		
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =	Points		
	1456.0	-0.06	-87.4					1456.0	-0.06	-87.4		

10-25-05

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**1010.1**	**Winter As-Built Points:**					**985.3**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 34100 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Out(AH),R6.0					
			985.3	1.000	(1.099 x 1.137 x 1.08)	0.501	1.000	666.8
1010.1	**0.6274**	**633.7**	**985.3**	**1.00**	**1.350**	**0.501**	**1.000**	**666.8**

10-25-05

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4	2273.00	9092.0		40.0	0.97	4	1.00	2155.83	1.00	8623.3	
				As-Built Total:						**8623.3**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
17096	**634**	**9092**	**26821**	**15433**	**667**	**8623**	**24724**

PASS

10-25-05

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.	

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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.	

10-25-05

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3.	Number of units, if multi-family	1				SEER: 12.00
4.	Number of Bedrooms	4			b. N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	1456 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble, U=0.5) 34.9 ft²			a. Electric Heat Pump	Cap: 34.1 kBtu/hr
	b. SHGC:					HSPF: 6.80
	(or Clear or Tint DEFAULT)	7b. (Clear) 85.3 ft²			b. N/A	
8.	Floor types					
	a. Raised Wood, Stem Wall	R=11.0, 1456.0ft²			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 40.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1115.0 ft²				EF: 0.97
	b. N/A				b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1456.0 ft²		15.	HVAC credits	
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 100.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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10-25-05

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

Florida Product Approval Specification Sheet

Manufacturer: Precision Homes Plan# 2056 · 0856

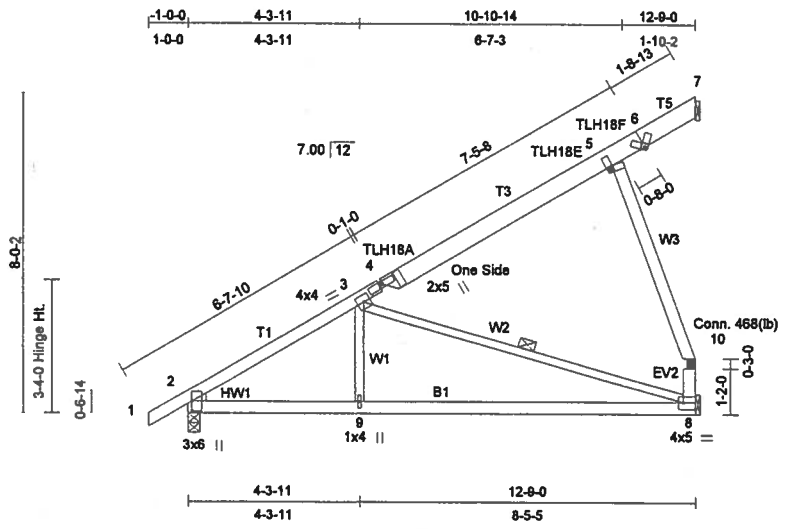
2004 FP-103

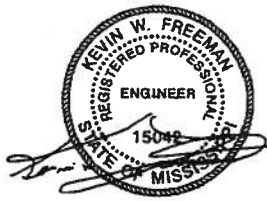
CATEGORY	MANUFACTURER	PRODUCT DESCRIPTION	APPROVAL # (S)
EXTERIOR DOORS			
SWINGING	Plast Pro Inc.	Exterior Door	FL-4764, FL-4760
	McPhillips Mfg. Corp.	Exterior Door	FL-5464,5466-5469-R1
	Masonite Intl.	Exterior Door	FL-4334-R1, 4668-R1
SLIDING			
	Pella	Sliding Glass Door	FL428-439-R1
	Kinro	Sliding Glass Door	FL-2865
WINDOWS			
SINGLE HUNG	Kinro	9750 Series	FL-993-R1
	Action Windoor Technology	Brick Mould Series 2900F	FL-1782-R1
	West Windows	Allweld II	FL-5411
ROOFING PRODUCTS			
RIDGE VENT	Air Vent Inc.	Ridge Vent	FL-1607
ASPHAULT SHINGLES	Owens Corning	Asphault Shingles	FL-3633-R1
	Tamko Roofing Products	Asphault Shingles	FL-1956-R1
	GAF Materials	Asphault Shingles	FL-183-R1
UNDERLAYMENT	Tamko Roofing Products	Felt Paper	FL-1481-R1, FL1744-R1
	Warrior Roofing	Felt Paper	FL-2346-R1, 4302-R1
TRUSS PLATES	Mitek Industries	16, 18, & 20 GA Plates	FL-2197-R1
STRUCTURAL COMPONETS			
Wood Connectors	Simpson Strong Tie	Straps and Anchors	FL-474-R1, FL-1725-R1,
			FL-1218-R1, FL-1463-R1,
			FL-1901-R2, FL-538-R1
			FL-503-R1, FL-1423-R2
Uplift Straps	Elixir Industries	1 1/2" x 26 GA. Straps	APPROVAL PENDING

Job	Truss	Truss Type	Qty	Ply	
32900	HM229704	HINGE MONO	1	1	Precision Homes 316 REQUEST ID: MOD

Universal Forest Products Inc., Grand Rapids, MI 49525, J. Visser

6.200 s Apr 28 2005 MiTek Industries, Inc. Fri Sep 30 11:28:40 2005





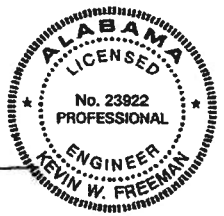


Plate Offsets (X,Y): [2:0-3-0,0-0-0], [4:0-1-8,0-4-6], [4:0-0-6,0-0-0], [5:0-0-10,0-1-0], [6:0-1-4,0-1-4], [8:Edge,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.9	Plates Increase	1.15	TC	0.67	Vert(LL)	-0.15	8-9	>999	240	MT20	197/144
(Ground Snow=30.0)		Lumber Increase	1.15	BC	0.53	Vert(TL)	-0.35	8-9	>430	180	TL18	206/162
TCDL	10.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	-0.02	8	n/a	n/a		
BCLL	10.0	Code IBC2003/TPI2002		(Matrix)							Weight: 62 lb	
BCDL	10.0											

LUMBER
TOP CHORD 2 X 6 SPF No.2 *Except* T1 2 X 4 SYP No.2
BOT CHORD 2 X 4 SYP No.2
WEBS 2 X 3 SPF Stud *Except* EV2 2 X 4 SPF Stud, W3 2 X 4 SPF Stud
WEDGE
Left: 2 X 3 SYP No.1

BRACING
TOP CHORD
Structural wood sheathing directly applied or 5-7-10 oc purlins, except end verticals.
BOT CHORD
Rigid ceiling directly applied or 6-5-6 oc bracing.
WEBS
1 Row at midpt 3-8
JOINTS
1 Brace at Jt(s): 10

REACTIONS (lb/size)
2 = 640/0-3-8
8 = 499/Mechanical
7 = -0/Mechanical
Max Horz
2 = 400(load case 10)
7 = -108(load case 13)
Max Uplift
2 = -242(load case 10)
8 = -309(load case 7)
Max Grav
2 = 803(load case 13)
8 = 584(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD					
1-2	=	0/33	2-3	=	-1067/349
3-4	=	-359/0	4-5	=	-244/35
5-6	=	-183/136	6-7	=	-121/137
8-10	=	-283/439			
BOT CHORD					
2-9	=	-778/741	8-9	=	-778/741
WEBS					
3-9	=	0/336	3-8	=	-693/652
5-10	=	-301/468			

NOTES
1) Wind: ASCE 7-02; 140mph; h=30ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.33. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCLL: ASCE 7-02; Pg=30.0 psf (ground snow); Ps=20.9 psf (roof snow); Category II; Exp C; Partially Exp.; Ct= 1
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 17.0 psf or 2.00 times flat roof load of 21.0 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed as per IBC Sect. 1605.3.1.1 Load reduction, for multiple live loads.
7) All plates are MT20 plates unless otherwise indicated.
8) See BEH18 DETAILS for plate placement.
9) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
10) All additional member connections shall be provided by others for forces as indicated.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 242 lb uplift at joint 2 and 309 lb uplift at joint 8.
12) This truss is designed in accordance with the 2003 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
13) This truss has been designed to meet the 2003 IBC Section 2308.10.7.1; 2003 IRC R802.10.2
14) Take precaution to keep the chords in plane, any bending or twisting of the hinge plate must be repaired before the building is put into service.
15) Revised from HM229703. Increased wind from 130mph.

Universal Forest Products, Inc. 2801 EAST BELTLINE RD, NE
PHONE (616)-364-6161 FAX (616)-365-0060 GRAND RAPIDS, MI 49505

Job	Truss	Truss Type	Qty	Ply	Precision Homes 316
32900	HM291405	HINGED MONO	1	1	REQ. ID: MOD

Universal Forest Products Inc., Grand Rapids, MI 49525, J. Visser

6.200 s Apr 28 2005 MiTek Industries, Inc. Mon Oct 03 09:06:14 2005

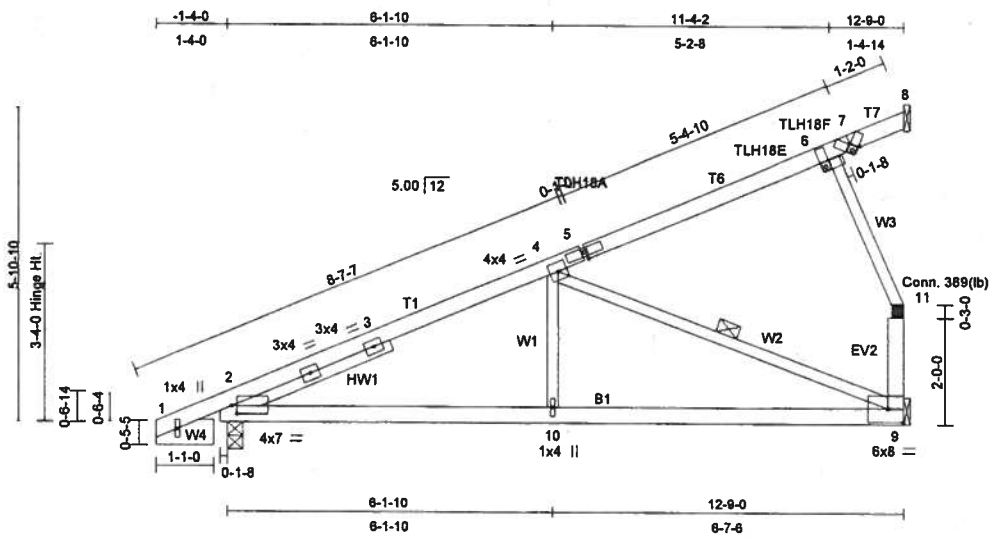


Plate Offsets (X,Y): [2:0-1-4,0-1-12], [5:0-0-6,0-1-12], [6:0-0-10,0-1-0], [7:0-1-4,0-1-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	21.0	Plates Increase	1.15	TC	0.62	Vert(LL)	-0.15	9-10	>999	240	MT20	197/144
(Ground Snow=30.0)		Lumber Increase	1.15	BC	0.58	Vert(TL)	-0.18	9-10	>828	180	TL18	206/162
TCDL	10.0	Rep Stress Incr	YES	WB	0.45	Horz(TL)	-0.02	9	n/a	n/a		
BCLL	10.0	Code IBC2003/TPI2002		(Matrix)							Weight: 49 lb	
BCDL	10.0											

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 3 SPF Stud "Except"
EV2 2 X 4 SPF No.2, W4 2 X 6 SPF Stud
SLIDER
Left 2 X 3 SPF Stud 3-2-10

BRACING
TOP CHORD
Structural wood sheathing directly applied or 5-5-14 oc purlins, except end verticals.
BOT CHORD
Rigid ceiling directly applied or 5-0-9 oc bracing.
WEBS
1 Row at midpt 4-9
JOINTS
1 Brace at Jt(s): 11

REACTIONS (lb/size)
2 = 651/0-3-8
9 = 511/Mechanical
8 = -0/Mechanical
Max Horz
2 = 347(load case 6)
8 = -122(load case 13)
Max Uplift
2 = -428(load case 6)
9 = -367(load case 6)
Max Grav
2 = 820(load case 13)
9 = 601(load case 3)
Max Grav
2 = 820(load case 13)
9 = 601(load case 3)

FORCES (lb) - Maximum Compression/Maximum Tension

TOP CHORD					
1-2	= 0/29	2-3	= -1087/651		
3-4	= -959/664	4-5	= -319/142		
5-6	= -226/162	6-7	= -161/184		
7-8	= -128/179	9-11	= -216/361		
BOT CHORD					
2-10	= -906/779	9-10	= -906/779		
WEBS					
6-11	= -233/389	4-10	= 0/285		
4-9	= -773/830				

NOTES
1) Wind: ASCE 7-02; 140mph; h=30ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left exposed ; Lumber DOL=1.60 plate grip DOL=1.33. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCLL: ASCE 7-02; Pg=30.0 psf (ground snow); Ps=21.0 psf (roof snow); Category II; Exp C; Partially Exp.; Ct= 1
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 21.0 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed as per IBC Sect. 1605.3.1.1 Load reduction, for multiple live loads.
7) All plates are MT20 plates unless otherwise indicated.
8) See BEH18 DETAILS for plate placement.
9) Provisions must be made to prevent lateral movement of hinged member(s) during transportation.
10) All additional member connections shall be provided by others for forces as indicated.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 428 lb uplift at joint 2 and 367 lb uplift at joint 9.
12) This truss is designed in accordance with the 2003 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
13) This truss has been designed to meet the 2003 IBC Section 2308.10.7.1; 2003 IRC R802.10.2
14) Take precaution to keep the chords in plane, any bending or twisting of the hinge plate must be repaired before the building is put into service.
15) Revision to HM291402. Wind was 175 mph.

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 31 2005
HWC

NORTH CAROLINA PROFESSIONAL SEAL 026074 ENGINEER KEVIN W. FREEMAN

ALABAMA LICENSED No. 23922 PROFESSIONAL ENGINEER KEVIN W. FREEMAN

KEVIN W. FREEMAN REGISTERED PROFESSIONAL ENGINEER 15042 STATE OF MISSISSIPPI

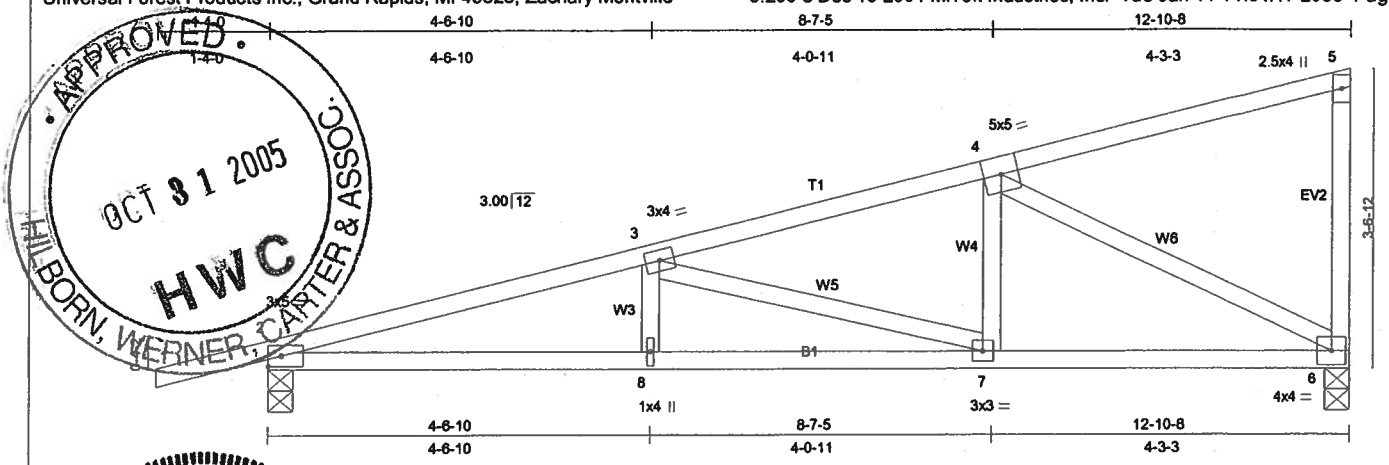
SOUTH CAROLINA REGISTERED 20654 PROFESSIONAL ENGINEER KEVIN W. FREEMAN

GEORGIA REGISTERED No.28639 PROFESSIONAL ENGINEER KEVIN W. FREEMAN

KEVIN WESLEY FREEMAN REGISTERED ENGINEER AGRICULTURE COMMERCE No. 00107044 STATE OF TENNESSEE

Job	Truss	Truss Type	Qty	Ply	ADRIAN HOMES 316 GA. 3/12
29197	M253103	MONO TRUSS	1	1	Job Reference 3161398

Universal Forest Products Inc., Grand Rapids, MI 49525, Zachary Montville 6.200 e Dec 15 2004 MiTek Industries, Inc. Tue Jan 11 11:34:17 2005 Page 1



APPROVED
OCT 31 2005
HWC
HILBORN, WERNER, CARTER & ASSOC.

ALABAMA LICENSED No. 23922 PROFESSIONAL ENGINEER KEVIN W. FREEMAN

GEORGIA REGISTERED No.26639 PROFESSIONAL ENGINEER KEVIN W. FREEMAN

NORTH CAROLINA PROFESSIONAL SEAL 026074 ENGINEER KEVIN W. FREEMAN

SOUTH CAROLINA REGISTERED 20654 PROFESSIONAL ENGINEER KEVIN W. FREEMAN

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plates Increase	1.15	TC	0.77	Vert(LL)	0.17	7-8	>880	240	MT20	197/144
(Ground Snow=20.0)		Lumber Increase	1.15	BC	0.67	Vert(TL)	-0.18	2-8	>837	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.61	Horz(TL)	-0.05	6	n/a	n/a		
BCLL	10.0	Code IBC2003/TPI2002		(Matrix)							Weight: 35 lb	[P]
BCDL	10.0											

LUMBER
TOP CHORD 2 X 3 SPF No.2
BOT CHORD 2 X 3 SPF No.2
WEBS 2 X 3 SPF Stud

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-4-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-10-5 oc bracing.

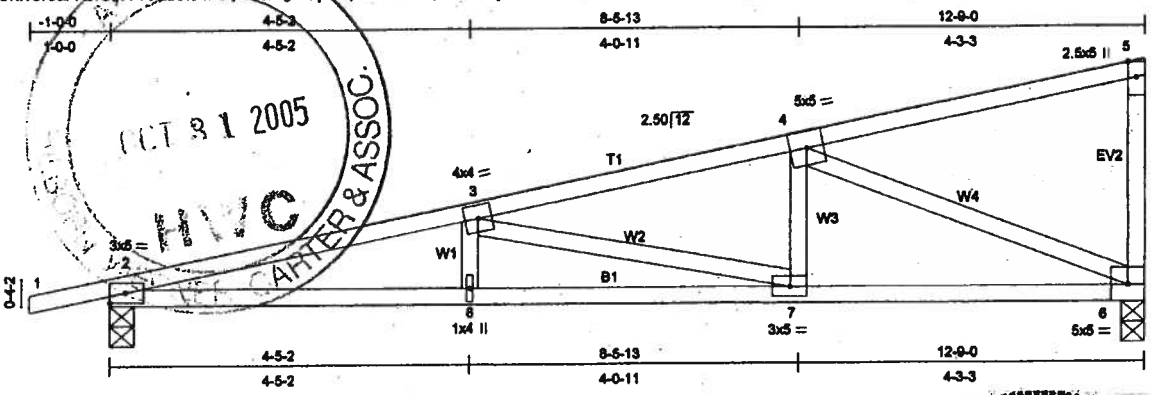
REACTIONS
(lb/size) 2=615/0-3-8, 6=532/0-3-8
Max Horz 2=378(load case 6)
Max Uplift 2=-675(load case 6), 6=-544(load case 6)
Max Grav 2=757(load case 13), 6=626(load case 3)

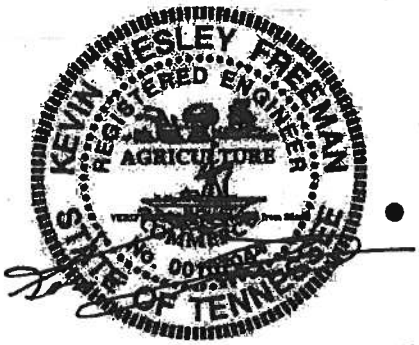
FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/20, 2-3=-1587/1323, 3-4=-885/735, 4-5=-76/5, 5-6=-146/223
BOT CHORD 2-8=-1600/1488, 7-8=-1600/1488, 6-7=-905/823
WEBS 3-8=0/174, 4-7=-161/354, 3-7=-696/729, 4-6=-903/993

NOTES
1) Wind: ASCE 7-02; 140mph; h=30ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.33. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCLL: ASCE 7-02; Pg=20.0 psf (ground snow); Ps=20.0 psf (roof snow); Category II; Exp C; Partially Exp.; Ct= 1; IBC 1608.3 minimum flat roof snow load governs.
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed as per IBC Sect. 1605.3.1.1 Load reduction, for multiple live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 675 lb uplift at joint 2 and 544 lb uplift at joint 6.
8) This truss is designed in accordance with the 2003 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) This truss has been designed to meet the 2003 IBC Section 2308.10.7.1; 2003 IRC R802.10.2
10) This truss is a revision of M253102. Increased span from 12-9-0 and increased pitch from 2.5/12 and overhang from12"

Job	Truss	Truss Type	Qty	Ply	PRECISION MODULAR 140
28990	M253102	MONO TRUSS	1	1	Job Reference 3161393

Universal Forest Products-Inc., Grand Rapids, MI 49525, Zachary Montville 6.100 e Aug 25 2004 MiTek Industries, Inc. Fri Dec 17 14:15:17 2004 Page 1





LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES
TCLL	20.0	Plates Increase	1.15	TC	0.90	Vert(LL)	0.27	7-8	>556	240	MT20
(Ground Snow=20.0)		Lumber Increase	1.15	BC	0.85	Vert(TL)	-0.22	2-8	>668	180	GRIP
TCDL	10.0	Rep Stress Incr	YES	WB	0.66	Horz(TL)	-0.07	6	n/a	n/a	197/144
BCLL	10.0	Code	IBC2003/TPI2002	(Matrix)							Weight: 33 lb
BCDL	10.0										

LUMBER
TOP CHORD 2 X 3 SPF No.2
BOT CHORD 2 X 3 SPF No.2
WEBS 2 X 3 SPF Stud

REACTIONS
(lb/size) 6=529/0-3-8, 2=591/0-3-8
Max Horz 2=301(load case 6)
Max Uplift 6=-530(load case 6), 2=-634(load case 6)
Max Grav 6=622(load case 3), 2=721(load case 11)

BRACING
TOP CHORD Structural wood sheathing directly applied or 3-1-5 oc purlins, except end verticals. [P]
BOT CHORD Rigid ceiling directly applied or 3-0-13 oc bracing.

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/7, 2-3=-1826/2001, 3-4=-1031/1116, 4-5=-78/0, 5-6=-147/262
BOT CHORD 2-8=-2268/1742, 7-8=-2268/1742, 6-7=-1281/980
WEBS 3-8=0/170, 3-7=-788/1020, 4-7=-197/345, 4-6=-1032/1350

NOTES
1) Wind: ASCE 7-98 & 7-02; 140mph; h=30ft; TCDL=6.0psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; Lumber DOL=1.60 plate grip DOL=1.33. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
2) TCLL: ASCE 7-98 & 7-02; Pg=20.0 psf (ground snow); Ps=20.0 psf (roof snow); Category II; Exp C; Partially Exp.; Ct= 1; IBC-00 1608.3 minimum flat roof snow load governs.
3) Roof design snow load has been reduced to account for slope.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for 2.00 times flat roof load of 14.0 psf on overhangs non-concurrent with other live loads.
6) This truss has been designed as per IBC Sect. 1605.3.1.1 Load reduction, for multiple live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 530 lb uplift at joint 6 and 634 lb uplift at joint 2.
8) This truss is designed in accordance with the 2003 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) This truss has been designed to meet the 2003 IBC Section 2308.10.7.1; 2003 IRC R802.10.2
10) This truss is a revision of M253101. Updated code from IRC2000/ANSI95, increased wind speed from 130 mph, changed pitch from 3/12, and changed heel from 4"

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.5

The higher the score, the more efficient the home.

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		4			
5.	Is this a worst case?		Yes			
6.	Conditioned floor area (ft²)		1456 ft²			
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description	Area			
	(or Single or Double DEFAULT)	7a. (Dble, U=0.5)	34.9 ft²			
b.	SHGC:					
	(or Clear or Tint DEFAULT)	7b. (Clear)	85.3 ft²			
8.	Floor types					
a.	Raised Wood, Stem Wall		R=11.0, 1456.0ft²			
b.	N/A					
c.	N/A					
9.	Wall types					
a.	Frame, Wood, Exterior		R=13.0, 1115.0 ft²			
b.	N/A					
c.	N/A					
d.	N/A					
e.	N/A					
10.	Ceiling types					
a.	Under Attic		R=30.0, 1456.0 ft²			
b.	N/A					
c.	N/A					
11.	Ducts					
a.	Sup: Unc. Ret: Unc. AH: Outdoors		Sup. R=6.0, 100.0 ft			
b.	N/A					
12.	Cooling systems					
a.	Central Unit				Cap: 32.0 kBtu/hr	
					SEER: 12.00	
b.	N/A					
c.	N/A					
13.	Heating systems					
a.	Electric Heat Pump				Cap: 34.1 kBtu/hr	
					HSPF: 6.80	
b.	N/A					
c.	N/A					
14.	Hot water systems					
a.	Electric Resistance				Cap: 40.0 gallons	
					EF: 0.97	
b.	N/A					
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)					
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)					

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

Builder Signature: _____ Date: _____

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

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

10-25-05

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

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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 03-4S-16-02732-574

1. Description of property: (legal description of the property and street address or 911 address)
LOT 74 DEER CREEK S/D PHASE 3 WD 1040-603
432 SW WHITE TAIL CIRCLE LAKE CITY, FL.

2. General description of improvement: MODULAR HOME

3. Owner Name & Address FREEDOM MOBILE HOME SALES INC.
466 SW Deputy J. Davis Ln Lake City FL 32024 Interest in Property

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

5. Contractor Name Bill Harper Phone Number 386-688-4192
Address 119 SW Hobby PL. Lake City FL 32024

6. Surety Holders Name Phone Number
Address
Amount of Bond

7. Lender Name FIRST FEDERAL SAVINGS BANK Phone Number
Address

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 Steve Smith Phone Number 752-5355
Address 466 SW Deputy J. Davis Ln. Lake City FL 32024

9. In addition to himself/herself the owner designates William L. Harper of W.L. Harper Construction to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee 386-688-492

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.

Signature of Owner

Sworn to (or affirmed) and subscribed before day of December, 20 06

NOTARY STAMP/SEAL

APRIL D. CLARK
MY COMMISSION EXPIRES
April 15, 2010
DD 408532
Bonded thru
NOTARY PUBLIC UNDERWRITERS
NOTARY PUBLIC STATE OF FLORIDA

Signature of Notary

Inst:2006028673 Date:12/05/2006 Time:13:48
DC,P.DeWitt Cason,Columbia County B:1103 P:2731

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	FP-103	Builder:	
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	25259
Owner:		Jurisdiction Number:	221000
Climate Zone:	North		

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	4	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	1456 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description (Dble, U=0.5) Area 34.9 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 85.3 ft²	
8.	Floor types		
a.	Raised Wood, Stem Wall	R=11.0, 1456.0ft²	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 1115.0 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1456.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Outdoors	Sup. R=6.0, 100.0 ft	
b.	N/A		
12.	Cooling systems		
a.	Central Unit	Cap: 32.0 kBtu/hr SEER: 12.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 34.1 kBtu/hr HSPF: 6.80	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 40.0 gallons EF: 0.97	
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)		

APPROVED
OCT 31 2005
HWC
HILBORN, WERNER, CARTER & ASSOC.

ER'S CONTRACT WITH FLORIDA DCA.

10-25-05

Glass/Floor Area: 0.09 Total as-built points: 23919 Total base points: 25834 **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: 10-15-05

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

OWNER/AGENT: See Manuf. Contract

DATE: w/ FLA. 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.

GREAT SEAL OF THE STATE OF FLORIDA IN GOD WE TRUST

Date Plans Approved By JAMES

BUILDING OFFICIAL: 10-31-05 2056-0556F

DATE:

[signature]

Modular Building Plans Examiner
Florida License No. SMP-12

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: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1456.0	20.04	5252.1	Double,U=0.49,Clear	E	1.0	8.0	22.0	43.86	0.99	955.4	
				Double,U=0.49,Clear	E	1.0	8.0	69.9	43.86	0.99	3037.4	
				Double,U=0.49,Clear	S	1.0	8.0	11.0	37.67	0.98	407.5	
				Double,U=0.49,Clear	N	1.0	8.0	28.4	21.19	0.99	595.3	
				As-Built Total:				**131.2**			**4995.5**	
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	1115.0	1.50		1672.5	
Exterior	1115.0	1.70	1895.5									
Base Total:	**1115.0**		**1895.5**	**As-Built Total:**				**1115.0**			**1672.5**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				40.0	4.10		164.0	
Exterior	40.0	6.10	244.0									
Base Total:	**40.0**		**244.0**	**As-Built Total:**				**40.0**			**164.0**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1456.0	1.73	2518.9	Under Attic			30.0	1456.0	1.73 X 1.00		2518.9	
Base Total:	**1456.0**		**2518.9**	**As-Built Total:**				**1456.0**			**2518.9**	
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			11.0	1456.0	-1.90		-2766.4	
Raised	1456.0	-3.99	-5809.4									
Base Total:			**-5809.4**	**As-Built Total:**				**1456.0**			**-2766.4**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1456.0	10.21	14865.8					1456.0	10.21		14865.8	

10-25-05

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 18966.8			**Summer As-Built Points:**					**21450.3**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 32000 btuh ,SEER/EFF(12.0) Ducts:Unc(S),Unc(R),Out(AH),R6.0(INS)					
			21450	1.00	(1.09 x 1.147 x 1.02)	0.284	1.000	7780.0
18966.8	**0.4266**	**8091.2**	**21450.3**	**1.00**	**1.275**	**0.284**	**1.000**	**7780.0**

10.25.05

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1456.0	12.74	3338.9	Double,U=0.49,Clear	E	1.0	8.0	22.0	8.04	1.01	178.1	
				Double,U=0.49,Clear	E	1.0	8.0	69.9	8.04	1.01	566.3	
				Double,U=0.49,Clear	S	1.0	8.0	11.0	2.61	1.00	28.5	
				Double,U=0.49,Clear	N	1.0	8.0	28.4	13.65	1.00	386.8	
				As-Built Total:				**131.2**			**1159.7**	
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	1115.0	3.40		3791.0	
Exterior	1115.0	3.70	4125.5									
Base Total:	**1115.0**		**4125.5**	**As-Built Total:**				**1115.0**			**3791.0**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated				40.0	8.40		336.0	
Exterior	40.0	12.30	492.0									
Base Total:	**40.0**		**492.0**	**As-Built Total:**				**40.0**			**336.0**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	1456.0	2.05	2984.8	Under Attic			30.0	1456.0	2.05 X	1.00	2984.8	
Base Total:	**1456.0**		**2984.8**	**As-Built Total:**				**1456.0**			**2984.8**	
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			11.0	1456.0	1.20		1747.2	
Raised	1456.0	0.96	1397.8									
Base Total:			**1397.8**	**As-Built Total:**				**1456.0**			**1747.2**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	1456.0	-0.59	-859.0					1456.0	-0.59		-859.0	

10-25-05

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**11479.9**	**Winter As-Built Points:**					**9159.7**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 34100 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Out(AH),R6.0					
			9159.7	1.000	(1.069 x 1.169 x 1.07)	0.501	1.000	6141.9
11479.9	**0.6274**	**7202.5**	**9159.7**	**1.00**	**1.337**	**0.501**	**1.000**	**6141.9**

10-25-05

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4	2635.00	10540.0		40.0	0.97	4	1.00	2499.18	1.00	9996.7	
				As-Built Total:						**9996.7**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
8091	**7203**	**10540**	**25834**	**7780**	**6142**	**9997**	**23919**

PASS

10-25-05

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 612.1.ABC.3.2. Switch or clearly marked cir 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.	

10-25-05

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

LOT#	DEER CREEK PHASE 3, SUBDIVISION 9-1-1 ADDRESS ASSIGNMENT:
44	143 SW TREY WAY
45	157 SW TREY WAY
*46	130 SW TREY WAY
*46	483 SW WHITETAIL CIR
*47	479 SW WHITETAIL CIR
*47	121 SW NATHAN CT
48	137 SW NATHAN CT
49	140 SW NATHAN CT
50	136 SW NATHAN CT
*51	120 SW NATHAN CT
*51	455 SW WHITETAIL CIR
52	443 SW WHITETAIL CIR
53	429 SW WHITETAIL CIR
54	415 SW WHITETAIL CIR
55	403 SW WHITETAIL CIR
56	391 SW WHITETAIL CIR
57	381 SW WHITETAIL CIR
58	365 SW WHITETAIL CIR
59	347 SW WHITETAIL CIR
60	327 SW WHITETAIL CIR
61	309 SW WHITETAIL CIR
62	281 SW WHITETAIL CIR
*63	308 SW WHITETAIL CIR
*63	121 SW HUCKLEBERRY CT
64	137 SW HUCKLEBERRY CT
65	147 SW HUCKLEBERRY CT
66	163 SW HUCKLEBERRY CT
67	173 SW HUCKLEBERRY CT
68	174 SW HUCKLEBERRY CT
69	152 SW HUCKLEBERRY CT
*70	120 SW HUCKLEBERRY CT
*70	340 SW WHITETAIL CIR
71	353 SW WHITETAIL CIR
72	382 SW WHITETAIL CIR
73	412 SW WHITETAIL CIR
74	442 SW WHITETAIL CIR
75	472 SW WHITETAIL CIR
76	500 SW WHITETAIL CIR
77	516 SW WHITETAIL CIR

Address Corrected on C.O. on 8/4/11 f.t.

*** NOTES CORNER LOTS. CONTACT 9-1-1 ADDRESSING DEPARTMENT FOR CORRECT ADDRESS ASSIGNMENT.**

CERTIFICATE OF

M/H 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-16-02732-574 **Building permit No.** 000025299

Permit Holder WILLIAM HARPER

Owner of Building FREEDOM MOBILE HOME SALES,INC.

Location: 442 SW WHITETAIL CIRCLE, LAKE CITY, FL 32024

Date: 08/04/2011

Harry Dicks

Building Inspector

ADDRESS CORRECTION

POST IN A CONSPICUOUS PLACE
(Business Places Only)

CERTIFICATE OF

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 03-4S-16-02732-574 **Building permit No.** 000025299

Use Classification MODULAR/UTIILITY **Fire:** 77.00

Permit Holder WILLIAM HARPER **Waste:** 201.00

Owner of Building FREEDOM MOBILE HOME SALES,INC. **Total:** 278.00

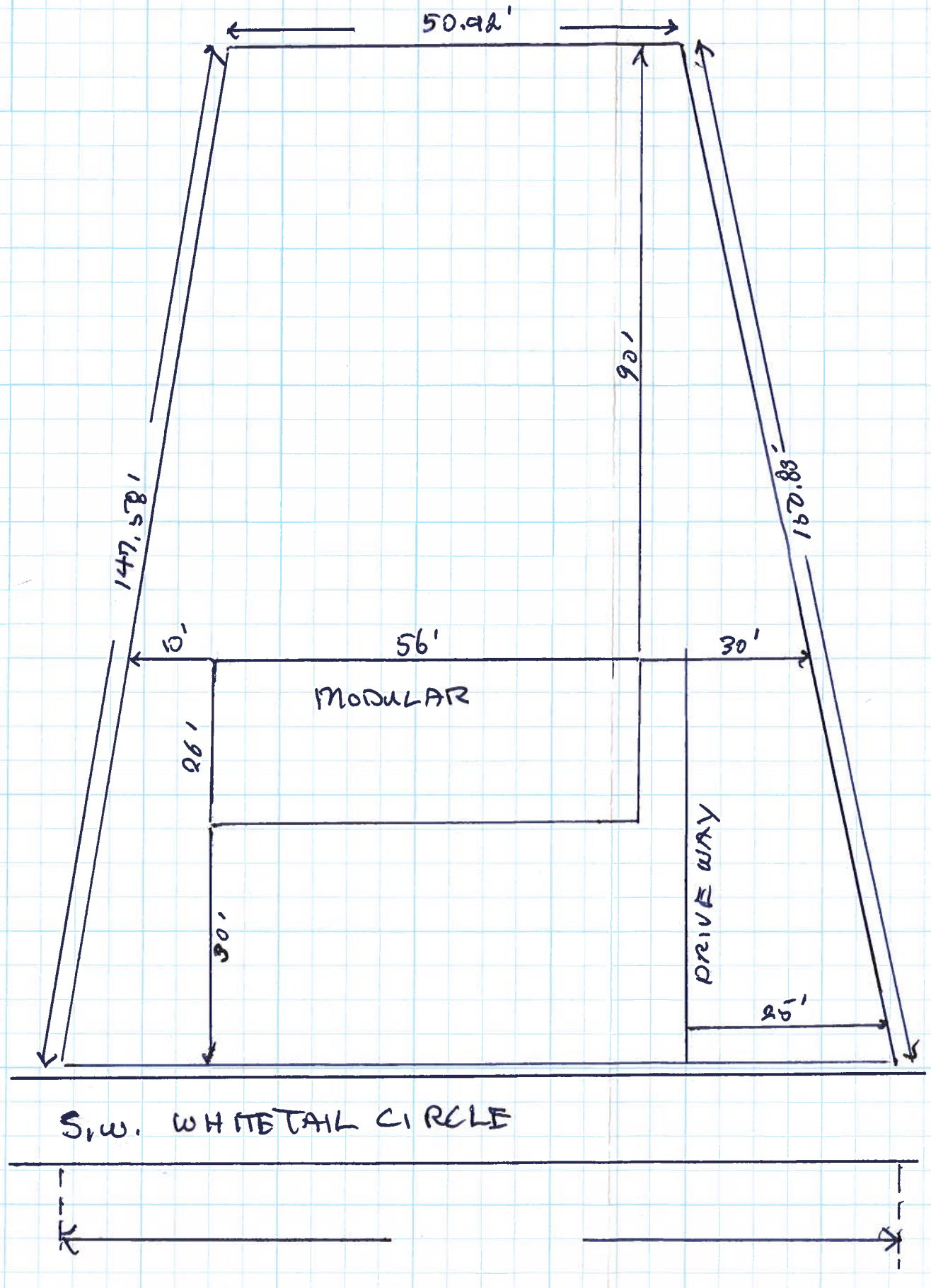
Location: 422 SW WHITETAIL CIRCLE, LAKE CITY, FL

Date: 10/17/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



SITE PLAN

OWNER: FREEDOM MOBILE HOME SALES INC.
CONTRACTOR: BILL HARPER
PARCEL I.D. # 03-45-16-02732-574

LOT 74 DEAR CREEK SUBDIVISION

* NOT TO SCALE