DATE 03/01	1/2007		ia County	_		PERMIT
APPLICANT	MILTON SMI		t Expires One Ye		Pate of Issue ONE 623-7735	000025584
ADDRESS		W BISHOP AVE		LAKE CITY	ONE 023-7733	— FL 32024
OWNER	BPS & H, LL				ONE 623-0029	
ADDRESS		E ELOISE AVE		LAKE CITY		— FL 719-7196
CONTRACTO		D MILTON SMITH	SR		ONE 386-324-03	
LOCATION O			T, R ELOISE STREE	T. TO END HOUS	E ON THE RIGHT	_
TYPE DEVEL	OPMENT	MODULAR HOME	ES	TIMATED COST	OF CONSTRUCTION	N 0.00
HEATED FLO	OR AREA		TOTAL ARI	EA	HEIGHT	STORIES
FOUNDATION	N	WALLS	, I	ROOF PITCH		FLOOR
LAND USE &	ZONING	RSF-2			MAX. HEIGHT	35
Minimum Set I	Back Requirmen	nts: STREET-FI	RONT 25.00	REA	AR 15.00	SIDE 10.00
NO. EX.D.U.	0	FLOOD ZONE	<u>x</u>	DEVELOPMENT	PERMIT NO.	
PARCEL ID	33-3S-17-068	27-000	SUBDIVISIO	)N		
LOT	BLOCK	PHASE	UNIT		TOTAL ACRES	0.31
	BEOCK _				TOTAL ACICLS _	0.51
×///	·		CBC1254161	1	Wilton Su	th
Culvert Permit N	No. Cu	lvert Waiver Cor	ntractor's License Nun	nber	Applicant/Own	ier/Contractor
EXISTING		-0947-N	BK		<u>JH</u>	N
Driveway Conn	ection Sep	otic Tank Number	LU & Zonir	ng checked by	Approved for Issua	ance New Resident
COMMENTS:	FLOOR ONE	FOOT ABOVE THE	ROAD			
SECTION 2.3.1	LEGAL NON-	CONFORMING LO	T OF RECORD			
					Check # or	Cash 100
		FOR BUI	LDING & ZONIN	IG DEPARTM	ENT ONLY	(footer/Slab)
Temporary Pow			Foundation		Monolithic	
		ate/app. by		date/app. by		date/app. by
Under slab roug	gh-in plumbing	data/ann	Slab _	J-4-/ 1	<del></del>	ng/Nailing
Framing		date/app.	oy Rough-in plumbing ab	date/app. by		date/app. by
	date/app. by	<u> </u>	cough-in planfollig ac	ove siab and below	wood Hoof	date/app. by
Electrical rough			Heat & Air Duct		Peri. beam (Lir	
_		e/app. by	_	date/app. by	1 3111 3 3411 (22	date/app. by
Permanent power	er e		C.O. Final		Culvert	
		op. by		1-4-/ 1	— Cuiveit —	dete/enn her
M/H tie downs, l	date/ar	-	Ċ	late/app. by		date/app. by
	date/ar	pp. by	date/app	o. by	Pool	date/app. by
M/H tie downs, l	date/ap	icity and plumbing	date/app	o. by Util	Pool _	date/app. by
Reconnection  M/H Pole	date/ap blocking, electr date/	icity and plumbing	date/app Pump pole date/	o. by Util	Pool	date/app. by
Reconnection  M/H Pole	date/ap	icity and plumbing	date/app Pump pole date/	o. by Util	Poolity Poledate/app.	date/app. by
Reconnection  M/H Pole  date	date/ap date/app. date/	app. by  Trave	date/app Pump pole date/	Util	Poolity Poledate/app.	date/app. by  date/app. by
Reconnection  M/H Pole  date  BUILDING PER	date/ap date/ date/ e/app. by	app. by  Trave	date/app Pump pole date/ date/  l Trailer	o. by  Util ate/app. by  E \$ 0.00	Poolity PoleRate/app. Re-roof	date/app. by  date/app. by  GE FEE \$ 0.00
Reconnection  M/H Pole  date  BUILDING PER  MISC. FEES \$	date/apblocking, electrical date/e/app. by  RMIT FEE \$  200.00	app. by  Trave  0.00  ZONING CI	date/app Pump pole date/  I Trailer de CERTIFICATION FEH ERT. FEE \$ 50.00	Util  ate/app. by  E \$ 0.00  FIRE FEE \$	Pool ity Pole date/app. Re-roof SURCHARG	date/app. by  date/app. by  GE FEE \$ 0.00  STE FEE \$
Reconnection  M/H Pole  date  BUILDING PER	date/apblocking, electrical date/e/app. by  RMIT FEE \$  200.00	app. by  Trave  0.00  ZONING CI	date/app Pump pole date/  l Trailer december dec	Util  ate/app. by  E \$ 0.00  FIRE FEE \$	Pool ity Pole date/app. Re-roof SURCHARG	date/app. by  date/app. by  GE FEE \$ 0.00

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.

Columbia County Building Permit Application /ethness 4007

	//w	210
For Office Use Only Application # 0610-43 Date Rec	eived <u>19/16</u> By <del>JW</del> Permit#_	253-84
Application Approved by - Zoning Official Date	10.06 Plans Examiner of JTH	Date 2 26-07
Flood Zone Development Permit Zoning R	SF - 2 Land Use Plan Map Catego	ory RES. Low DEN.
Comments 91 2 Section 2.	3.1 Legal Non Conforming Lot of f	Record
NOC Deed or PA Site Plan	Road Info 🛭 Parent Parcel # 🖺 Dev	
1/11 = 11	Fax <u>386 - 155. 4</u>	
Name Authorized Person Signing Permit	Phone <u>386-62</u>	
Address 436 SW Bishop Ave Lake City, FI	32024 67	-1140
Owners Name BPS & H, LLC.	Phone	4230029
911 Address 750 SE Eloise Ave Lake Cit Contractors Name Gerald Milton Smith Sr. Coc	4FL 32025	719-7196
Contractors Name Gevald Milton Smith Sr. CBC	125416/ Phone 234-0	318
Address 15975 CR 6 East Jasper, A.	32052	
Fee Simple Owner Name & Address Sam as above		
Bonding Co. Name & Address		
Architect/Engineer Name & Address <u>PF5 Corporation / En</u>	C N. Schreiner P.E.	
Mortgage Lenders Name & Address Textron		
Circle the correct power company FL Power & Light - Clay E	lec. – Suwannee Vallev Elec. – Pro	paressive Energy
Property ID Number 33-35-17-06827-000 E	stimated Cost of Construction 7/20	לי האו
Subdivision Name	Lot Block Unit	130
Driving Directions (from Courthouse) South on Hornan		
to Eloise St. Stone South on Eloise ST	to end of street and ho	use on richt
Access of Eloise		on gw
20-11-1-12	mber of Existing Dwellings on Prope	rtvØ
Total Acreage Lot Size Do you need a - <u>Culver</u>		
Actual Distance of Structure from Property Lines - Front 30	Side 20' Side /d/	Regr 30'
Total Building Height <u>\$23'</u> Number of Stories <u> </u> He	ated Floor Area 1440'2 Roof I	Pitch 12/12
	·	/
Application is hereby made to obtain a permit to do work and installation has commenced prior to the issuance of a permit and all laws regulating construction in this jurisdiction.	allations as indicated. I certify that n that all work be performed to meet t	o work or he standards of
OWNERS AFFIDAVIT: I hereby certify that all the foregoing inform	ation is accurate and all work will be	done in
compliance with all applicable laws and regulating construction a	_	
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTELENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF	ND TO OBTAIN FINANCING, CONSU	YOU PAYING LT WITH YOUR
Millen Swith	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Owner Builder or Authorized Person by Notarized Letter	Contractor Signature	<u> </u>
STATE OF FLORIDA	Contractors License Number CBC	1254161
COUNTY OF COLUMBIA	NOTARY STAMP/SEAL Notary Public	Ciat.
Sworn to (or affirmed) and subscribed before me	Julie Callowa	State of Florida
this day of OHODER 20 00.	Yours Epiles (12)	ion DD501123 (2010
Personally knownor Produced Identification	Notary Signature	(Revised Sept. 2006)



### DEPARTMENT OF COMMUNITY AFFAIRS

"Dedicated to making Florida a better place to call home"

JEB BUSH Governor Thaddeus Cohen, AIA Secretary

DIVISION OF HOUSING & COMMUNITY DEVELOPMENT BUILDING CODES & STANDARDS

### **MEMORANDUM**

From:

Michael Ashworth, Manufactured Buildings Program Manager

To:

Building Officials, Manufacturers & Third Party Agencies

Subject:

Raised Seals on Plans for Manufactured Buildings

Date:

January 13, 2005

Chapter 553, Part I, FS; Rule Chapter 9B-1, FAC; and the Florida Building Code do not require original signed and sealed plans for manufactured (modular) buildings to be submitted to local jurisdictions to obtain a building permit. The insignia issued by this Department verifies that the plans have been reviewed and the buildings inspected by a Third Party Agency and found compliant.

However, any code requirements not completed at the factory are considered site related and are subject to local plan review and inspection in accordance with local requirements. Signing and sealing of these plans should follow local procedures. All site-related installation requirements (e.g., foundation) are specifically and entirely reserved to the local authority having jurisdiction, who may require signed and sealed plans for those items.

The State of Florida requires Third Party Agencies to maintain a set of signed and sealed plans, (either hardcopy or electronic) that have been reviewed and approved by a Florida licensed Modular Plans Reviewer. Inspection reports conducted at the manufacturing facility by Florida licensed Modular Inspectors are also required to be on file. Local jurisdictions may require a copy of the approved plans with the permit application or may rely on the plans on file at <a href="https://www.floridabuilding.org">www.floridabuilding.org</a>.

If you need additional information, please contact Michael Ashworth at 850/922-6075 or E-mail michael.ashworth@dca.state.fl.us.

cc:

Jones, Ila

Files

2555 SHUMARD OAK BOULEVARD \$ TALLAHASSEE, FLORIDA 32399-2100
Phone: 850.488.8466/Suncom 278.8466 FAX: 850.921.0781/Suncom 291.0781

### Columbia County Property Appraiser DB Last Updated: 10/4/2006

Parcel: 33-3S-17-06827-000

Tax Record

2006 Proposed Values

**Property Card** Interactive GIS Map

Search Result: 1 of 1

### **Owner & Property Info**

Owner's Name	PHELPS JOCK
Site Address	
Mailing Address	3566 NW BROWN ROAD LAKE CITY, FL 32055
Description	COMM SW COR OF SE1/4, RUN N 247 FT FOR POB, RUN N 90 FT, E 148 FT, S 90 FT, W 148 FT TO POB. ORB 472-10, 827-299, WD 975-552, WD 988-432. WD 1083- 2011.

Use Desc. (code)	VACANT (000000)
Neighborhood	33317.00
Tax District	2
UD Codes	MKTA03
Market Area	06
Total Land Area	0.309 ACRES

### **Property & Assessment Values**

Mkt Land Value	cnt: (1)	\$8,000.00
Ag Land Value	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$8,000.00

Just Value	\$8,000.00
Class Value	\$0.00
Assessed Value	\$8,000.00
Exempt Value	\$0.00
Total Taxable Value	\$8,000.00

### **Sales History**

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
5/12/2006	1083/2011	WD	٧	Q		\$30,000.00
7/9/2003	988/432	WD	I	Q		\$100,000.00
2/7/2003	975/552	WD	I	Q		\$80,000.00

### **Building Characteristics**

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

### **Extra Features & Out Buildings**

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

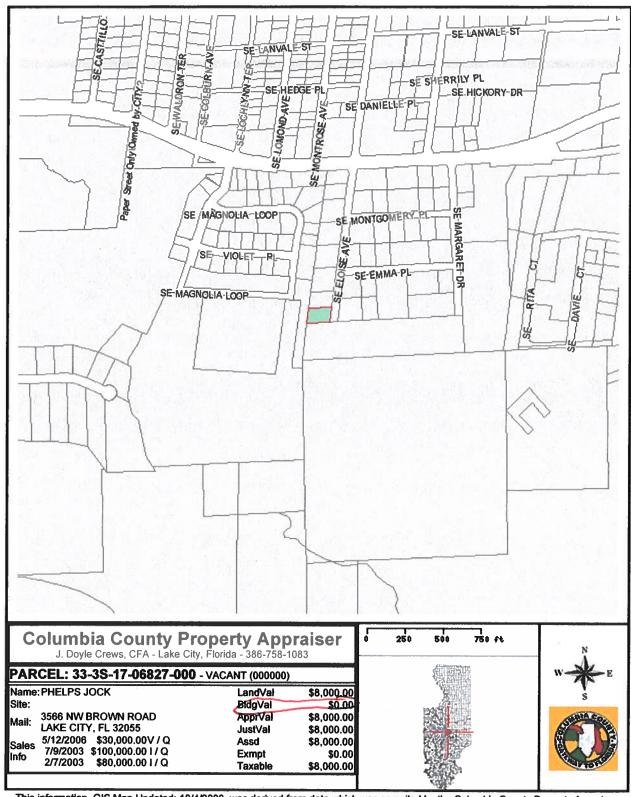
### **Land Breakdown**

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.309AC)	1.00/1.00/1.00/1.25	\$8,000.00	\$8,000.00

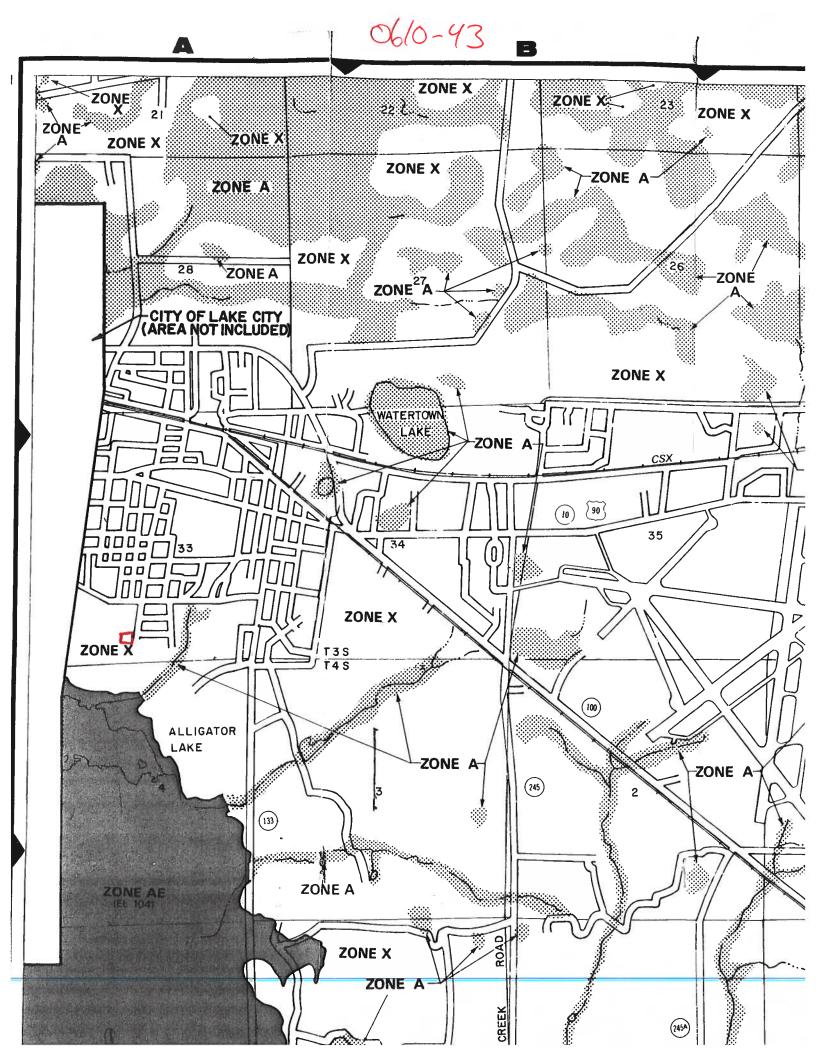
Columbia County Property Appraiser

DB Last Updated: 10/4/2006

1 of 1



This information, GIS Map Updated: 10/4/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



### **COLUMBIA COUNTY 9-1-1 ADDRESSING**

P. O. Box 1787, Lake City, FL 32056-1787 PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

### **Addressing Maintenance**

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED:

10/19/2006

DATE ISSUED:

10/30/2006

**ENHANCED 9-1-1 ADDRESS:** 

750

SE

**ELOISE** 

**AVE** 

LAKE CITY

FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

33-3S-17-06827-000

Remarks:

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

460



### STATE OF FLORIDA

DEPARTMENT OF HEALTH APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT Permit Application Number \_ PART II - SITE PLAN-LOT 15 148' with + 90' Scale: Each block represents 5 feet and 1 inch = 50 feet. ELOISE STREET 901 (ACA) Occupted SEPTIC Notes: Site Plan submitted by: Signature Plan Approved **Not Approved** Date 10-19-06

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used) (Stock Number: 5744-002-4015-6)

By\_

**County Health Department** 

Prepared by: Elaine R. Davis / Lyndi Skinner American Title Services of Lake City, Inc. 330 SW Main Boulevard Lake City, Florida 32025

File Number: 06-571

Inst:2006024235 Date:10/11/2006 Time:11:38

Doc Stemp-Deed: 245.00

DC,P.DeWitt Cason,Columbia County B:1098 P:1874

### Warranty Deed

Made this October 10, 2006 A.D.

By Jock Phelpa, 3566 NW Brown Road, Lake City, Florida 32055, hereinafter called the grantor,

to BPS & H, LLC, whose post office address is: PMB 225 2109 US Highway 90 West, Lake City, Florida 32055, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantor" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

See Attached Schedule "A"

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: R06827-000

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully selzed of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2005.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

All 11 I I I I I I I I I I I I I I I I I	ind soulou blese presents the day and year first above written.
Signed, sealed and delivered in our presence:	MMM
Lindi ourne	Jock Phylips (Seal)
Witness Printed Name LYNDI SKINNER	Address: 3566 NW Brown Road, Lake City, Florida 32055
Linbuly & Slbutton	
Witness Printed Name Line Line 14 A. Alba Hon	
State of Florida	
County of Columbia	
The foregoing instrument was acknowledged before me this 10 to me or who has produced Chivels livense	day of October, 2006, by Jock Phelps, who is/are personally known as identification.
LYNDI MARIE SKINNER  MY COMMISSION # DDS8:047  EXPIRES: Sept. 17, 2010  (407) 339-0153 Fiction Notery Bervice. 000m	Notary Public Print Name:  My Commission Expires:

Prepared by: Elaine R. Davis / Lyndi Skinner American Title Services of Lake City, Inc. 330 SW Main Boulevard Lake City, Florida 32025

File Number: 06-571

Inst:2005024235 Date:10/11/2006 Time:11:38
Doc Stamp-Deed: 245.00
DC,P.DeWitt Cason,Columbia County B:1098 P:1875

Schedule "A"

The South 90.00 Feet of the Following Described Parcel:

Begin at the Southwest Corner of the SE 1/4 of Section 33, Township 3 South, Range 17 East, Columbia County, Florida and run N 08°03'00" E., 247.00 Feet to the Point on the North Right-of-Way of Tribble Street (Proposed), and the Point of Beginning; Thence run N 08°03'00" E., 196.98 Feet; Thence run N 88°15'00" E., 148.00 Feet to the West Right-of-Way Line of Eloise Street; Thence run S 08°03'00" W., along the West Right-of-Way Eloise Street and Eloise Street Extended, 196.98 Feet to the North Right-of-Way Line of Tribble Street (Proposed); Thence run S 88°15'00" W., along the North Right-of-Way of Tribble Street (Proposed), 148.00 Feet to the Point of Beginning. IN COLUMBIA COUNTY, FLORIDA.

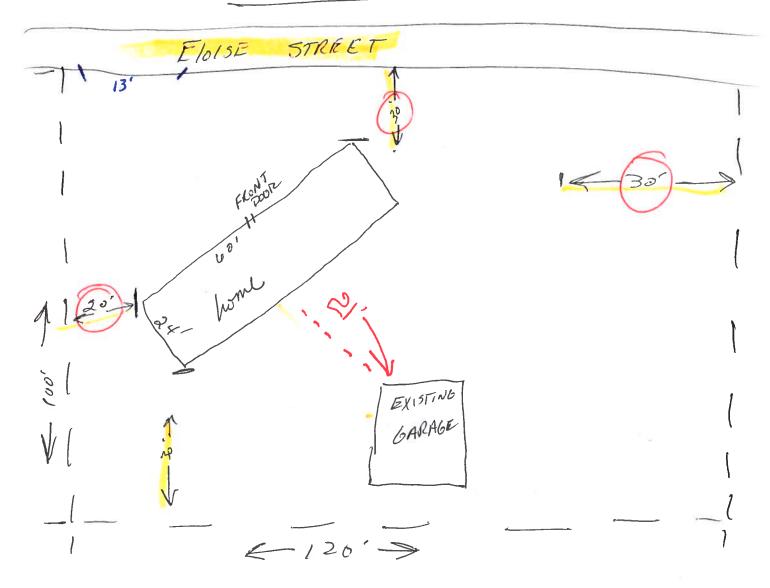
@ CAM112M01 10/11/2006 12:23 Year T Property 2006 R 33-3S-17-0	CamaUSA Appraisal Legal Description 0,6,8,2,7,-,0,0,0	Maintenance Sel	Columbia 8000 Land AG Bldg Xfea 8000 TOTAL	County 001 000 000 000 B
3 148 FT, S 90 5 WD 975-552, 7 9 11 13 15 17 19 21 23 25	D, FT, W, 148, FT, TO, WD, 988-432.		2,9,9,,	

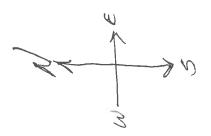
30' from road

- Notarized Signature - affidavit for my signature

20' from North Side

### SITE PLAN







1.



### **PFS Corporation**

### An Employee-Owned Company

May 10, 2006

### Quality Control Dept.

2402 Daniels Street Madison, WI 53718

Phone: 608.221.3361 Fax: 608.221.0180

### Website

www.pfscorporation.com

James A. Rothman, PE
Executive Vice President
Senior Vice President, QC
jrothman@pfscorporation.com

### Headquarters

Madison, WI 608.221.3361

### Regional Offices

Northeast Bloomsburg, PA 570.784.8396

South Central

Dallas, TX 214.221.5585

Western Los Angeles, CA 310.559.7287

Midwest Madison, WI 608.221.3361

Southeast Raleigh, NC 919.845.8450

Sales Office Mentone, AL 256.634.4071

NVLAP.

Accredited by the National
Voluntary Laboratory
Accreditation Program
for the specific scope of
accreditation under
Lab Code 100421-0

### LETTER OF TRANSMITTAL

Mr. Michael Ashworth
Planning Manager
Building Codes & Standards
Department of Community Affairs
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100

Re: Model: 56784

All American Homes, LLC

P.O. Box 929

2015 Hwy 221 S & 74 W Rutherfordton, NC 28139

Dear Mr. Ashworth,

Enclosed you will find one set of the above-referenced document. PFS Corporation herby certifies that it has examined the building plan and other documents submitted by the manufacturer for certification and found them to be in compliance with the following codes and standards:

Florida Manufactured Building Act and Rules Rule 9B-72 FAC for Product Approval 2004 Florida Residential Code w/2005 Amendments 2004 Florida Plumbing Code w/2005 Amendments 2004 Florida Mechanical Code 2002 National Electrical Code ASCE 7-98

Additionally, a hard copy of these prints with the required engineer's raised seal is on file at this office.

If you have any questions regarding this submission, please feel free to contact this office at any time.

Sincerely,

Eric N. Schreiner, P.E. Plan Review Engineer

Cc: Ben McDaniel- AAH

**PFS File** 



### ADDITIONAL OR MODIFIED ACCEPTANCE (MODULARS/PANELIZED)

This form is to be used only when the manufacturer is seeking acceptance of an additional model, modified model or model name change which uses a previously accepted building system.

Current PFS Building System Acceptance #

Model Name/ No. AAH WILLOW RIDGE CAPE SN# 56784

Manufacturer's Name All American Homes, LLC

Plant(s) at which model will be produced

Check One: NEW MODEL MODIFICATION*	<i>y</i> -		
TECHNICAL DATA (Number of hard copies var	ies by state. Submi	t minimum o	f 2 copies)
		Conf	orms
Floor Plan Showing:		Yes	No
Building Size (LXW Dimensions)		✓	
Room Sizes, Light & Ventilation Schedule		✓	
Exit Requirements		✓	
Electrical Outlet Spacing & Smoke Detector		✓	
Location of Labels & Data Plates		✓	
Use Group, Type Const., Total Sq.Ft. Area		✓	
Plumbing System Design or Reference No. ( 2004 FL PL code w/ 02 rev.	. )	<b>✓</b>	
Heat Loss Calculations or Reference No. (By Builder	)	✓	
Furnace Size/Model No. (By Builder	)	✓_	
Thermal Performance Calculations or Reference No. (FL Energy Code	)	✓	
Electrical Load Calculations or Reference No. ( 2002 NEC	)	<b>✓</b>	
Service Size and Location ( 200 Amp./ Utility	)	✓	
Applicable Building Codes		<b>✓</b>	
Submit model to the following states: FL			
*Description of Modification Added 4' to length.			
Submitted by: Andeena C. Torvinen Date 04/26/06			
For PFS Use			
Reviewed and Approved by 5/10/2006 Date**  Remarks PFS Corporation Raleigh, NC			
**(1) copy sent to IBC within 15 days of approval.  MODEL WAS DEVIATED			

THIS FORM SHALL BE FILLED OUT COMPLETELY WITH EACH MODEL ACCEPTANCE OR MODIFICATION PRIOR TO SUBMITTAL TO PFS.

cc:

\forms\form-m

Rev 8/25/05 mb

Modified 08/25/05 mb

with all applicable codes and Plans certified to comply STATE OF FLORIDA regulations of: PFS CORPORATION

# L AMERICAN HOMES

FLORIDA

Model: 56784 WC 2456(+4') 3 Ceiling height = SB B) STD



DESIGN CODES AND STANDARDS:

APPROVAL LIMITED TO FACTORY

BUILT PORTION ONLY

Eric Schreiner PE 62764

5/10/2006

FLORIDA MANUFACTURED BUILDING ACT AND RULES 2004 FLORIDA BUILDING CODE - RESIDENTIAL with 2005 SUPPLEMENT RULE 9B-72 FAC for Product Approval ASCE 7-02 2002 NEC

\* SUBMITTAL PAGE OUTLINE \*

TOTAL NUMBER OF PAGES: 43

CROSS SECTION: FIXTURE SCHEDULE: FOUNDATION PLAN: PLUMBING SCHEMATIC: ELECTRICAL PANEL: ELECTRICAL PLAN/S: ELEVATION/S: FLOOR PLAN/S: INSPECTION NOTICE: COVER PAGE: FORM M: 13

ROOF LIVE LOAD = 20 psf WIND VELOCITY = 130 mph V3s FLOOR LIVE LOAD = 40 ps BUILDING CATEGORY = II BUILDING CLASS = ENCLOSED WIND EXPOSURE CATEGORY = C

DESIGN CRITERIA (CONT.): CONSTRUCTION TYPE= VB PROTECTION OF GLAZED OPENINGS: BY OWNER WIND IMPORTANCE FACTOR I = 1.00INTERNAL PRESSURE COEFFICIENT (GCpi) = (+/-) 0.18

COMPONENT AND CLADDING LOAD: (MEAN ROOF HEIGHT = 15' OR LESS)

WALL ZONE 4 = +36.78 psf and -39.93 psf WALL ZONE 5 = +36.78 psf and -49.25 psf

>10° to 30° ROOF-ROOF ZONE 1 = +21.18 psf and -33.64 ps ROOF ZONE 2 = +21.18 psf and -71.03 ps ROOF ZONE 3 = +21.18 psf and -71.03 ps ROOF ZONE 1 = +33.64 psf and -36.78 ps ROOF ZONE 1 = +33.64 psf and -43.08 ps ROOF ZONE 2 = +33.64 psf and -43.08 ps ROOF ZONE 3 = +33.64 psf and -43.08 ps psf psf psf

(MEAN ROOF HEIGHT = >15' to 30') psf psf

EXTERIOR DOOR SCHEDULE:

14

STAIRS:

INTERIOR DOOR SCHEDULE:

WINDOW SCHEDULE:

SPECIFICATIONS:

FASTENING SCHEDULE:

18

19

15 16 17

>10° to 30° ROOF-ROOF ZONE 1 = +24.50 psf and -38.92 psf ROOF ZONE 2 = +24.50 psf and -82.18 psf ROOF ZONE 3 = +24.50 psf and -82.18 psf >30° to 45° ROOF-ROOF ZONE 1 = +38.92 psf and -42.56 psf ROOF ZONE 2 = +38.92 psf and -49.84 psf ROOF ZONE 3 = +38.92 psf and -49.84 psf WALL ZONE 4 = +42.56 psf and -46.20 WALL ZONE 5 = +42.56 psf and -56.98psf

MISC. DETAILS (130 mph DETAILS): 23-25 ENERGY GAUGE: 26-43

GENERAL NOTES AND MISC. REQ.:

SUGGESTED 2ND INSULATION:

R&U CALCULATIONS: ROOF CONNECTIONS:

NOTES:

Number of modules

\* 1) These modular structures include items that are Drawing pages identified with a "Field Work" note include this information. to be completed at the building installation site.

- 2) Items that are not completed in the manufacturing compliance for these items shall be determined center beam connections, final electrical by the local code official having jurisdiction. systems installation. Inspection and code connections, plumbing connections, HVAC and gas foundation connections, roof connections, floor plant include: Foundation construction, home to
- 3) Compliance with official having jurisdiction. requirements shall be determined by the local code 2004 Florida Fire Prevention Code
- 4) These plans comply with the Florida State Building Codes, mandatory as of 10/1/05.
- 5) A set of plans with the Engineer's raised seal is on file in the Third Party Agency's office as directed by DCA.
- 7) These structures shall not be located closer than 6 feet to a property line or interior lot line between 6) These plans HAVE NOT been approved for Miami-Dade or Broward Cour erty line or interior lot line between ties (High Velocity Hurricane Zone).
- 8) These structures shall not be located in a flood hazard area.

structures.

it is, then the builder is responsible for making Unit is designed as a 130 mph structure. It may or may not be located in a wind born debris region. If sure the unit is in compliance with the FBC.

is not designed to be nstallation on a site This structure has been deisgned only for erection or built permanent foundation and moved once so erected or installed.

ALL AMERICAN HOMES, LLC.

DRIG 9/1/05

\$CALE: **N**O REVISIONS

3/23/06- Note #7 revised 3' to 6'

**COVER PAGE** 

WILLOW R IDGE CAPE

> ₽VG# **FLCOVER**

> > \* FIELD WORK

PAGE S-0

# ALL AMERICAN HOMES OF N C, LLC

# ATTENTION LOCAL INSPECTION DEPARTMENT

THE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY ALL AMERICAN HOMES, HAVE NOT BEEN INSPECTED BY AND ARE NOT CERTIFIED BY THE FLORIDA MOD. LABEL PFS CORP.

- ROOF CONNECTIONS
   FLOOR CENTER GIRDER CONNECTIONS
   FINAL ELECTRICAL CONNECTIONS- CLOTHES DRYER AND BATH EXHAUST MUST VENT TO EXTERIOR OF HOUSE AND COMPLY WITH THE FBC.
   FINAL PLUMBING CONNECTIONS
   HOME TO FOUNDATION CONNECTION

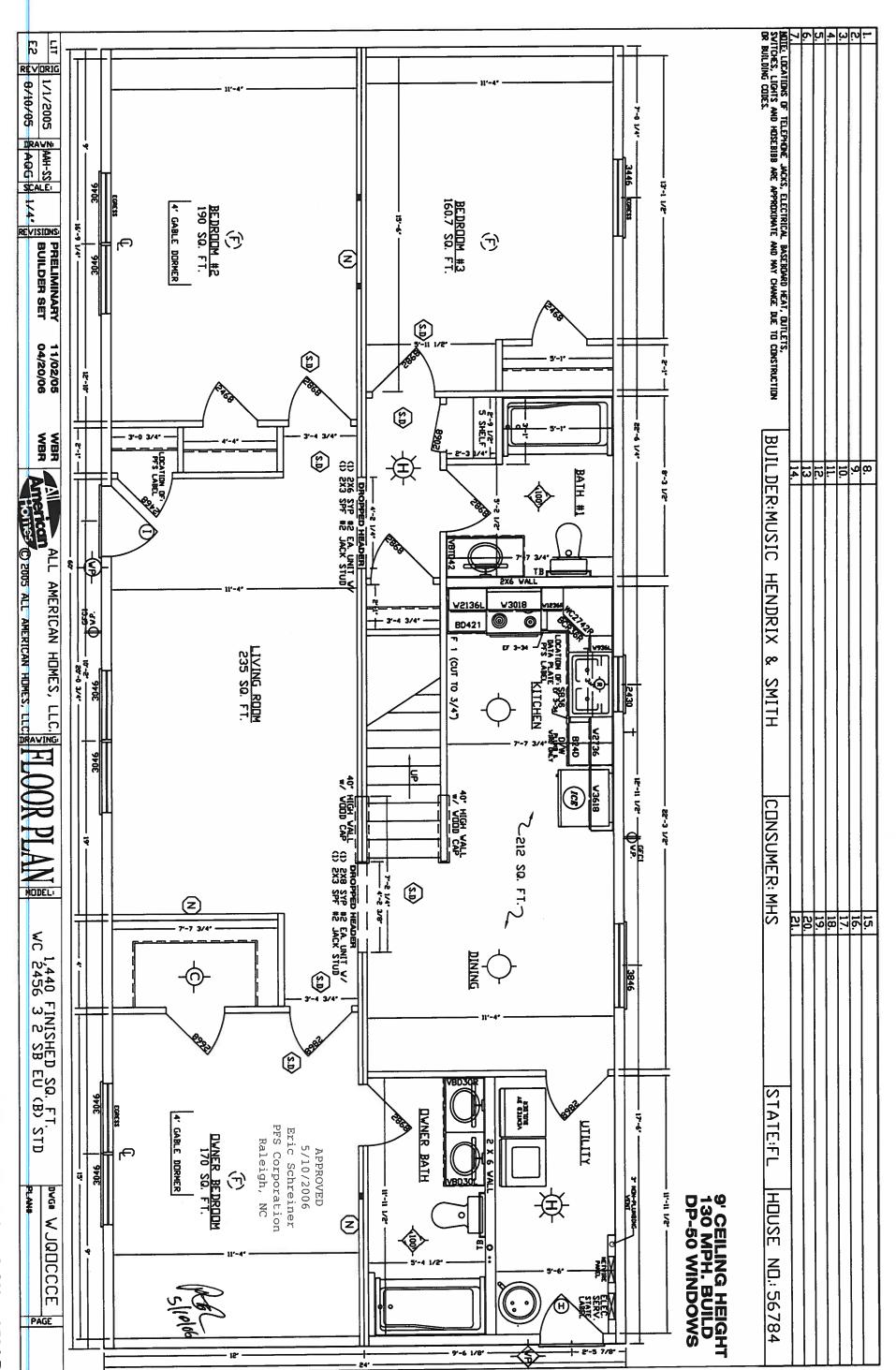
BUILDER TO SUPPLY ALL HVAC- IF ANY IS INSTALLED IN ATTIC OR OTHERWISE RESPONSIBILITY OF THE BUILDER TO COMPLY WITH ALL STATE AND LOCAL CO

IF ROUGH OPENING DIMENSIONS ARE SHOWN IN PLACE OF WINDOWS AND / OR DOORS, THE BUILDER WILL BE RESPONSIBLE TO SUPPLY A PRODUCT TO COMPLY WITH ALL STATE AND LOCAL CODES.

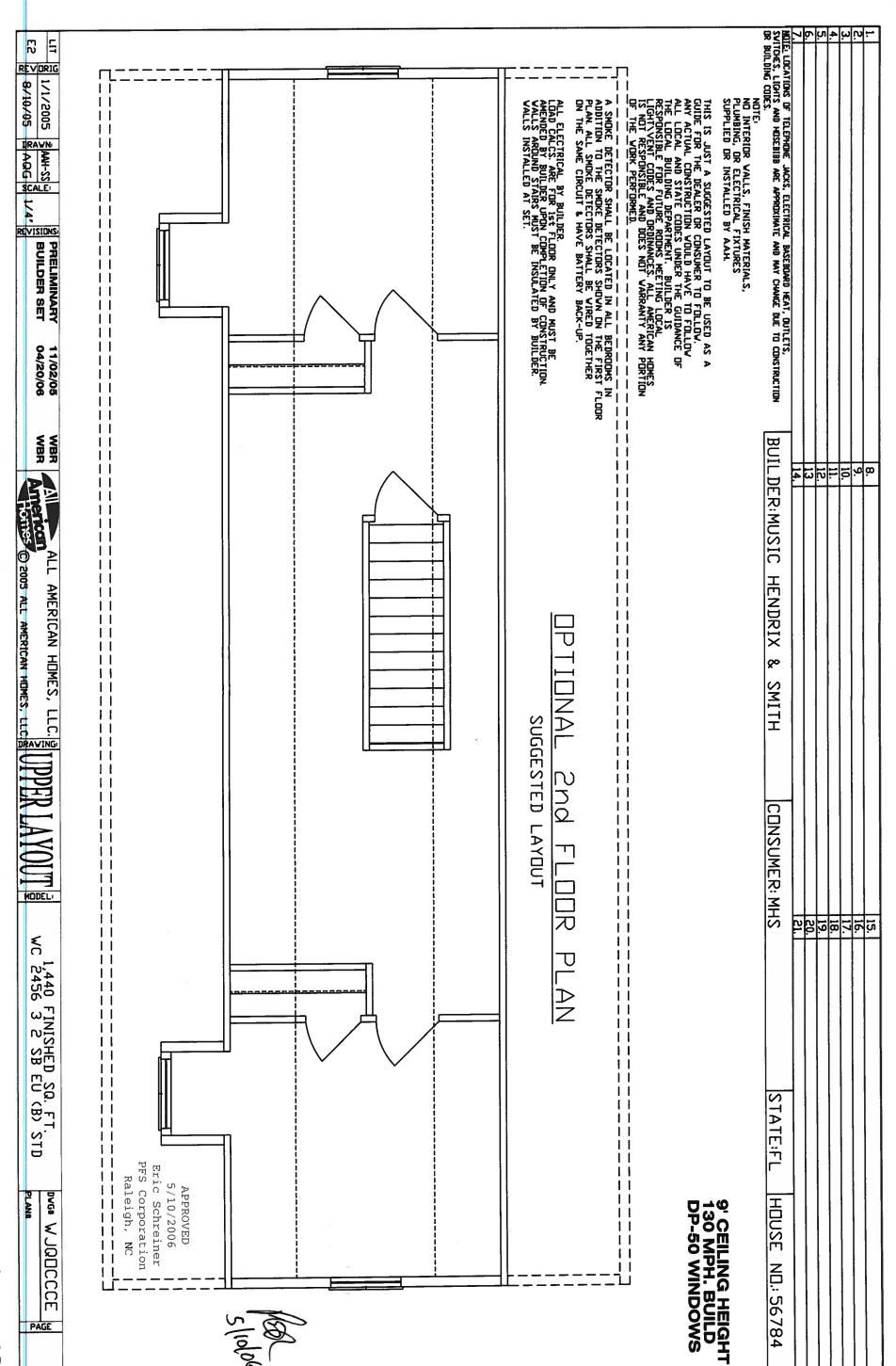
PFS Corporation Eric Schreiner Raleigh, NC 5/10/2006 APPROVED

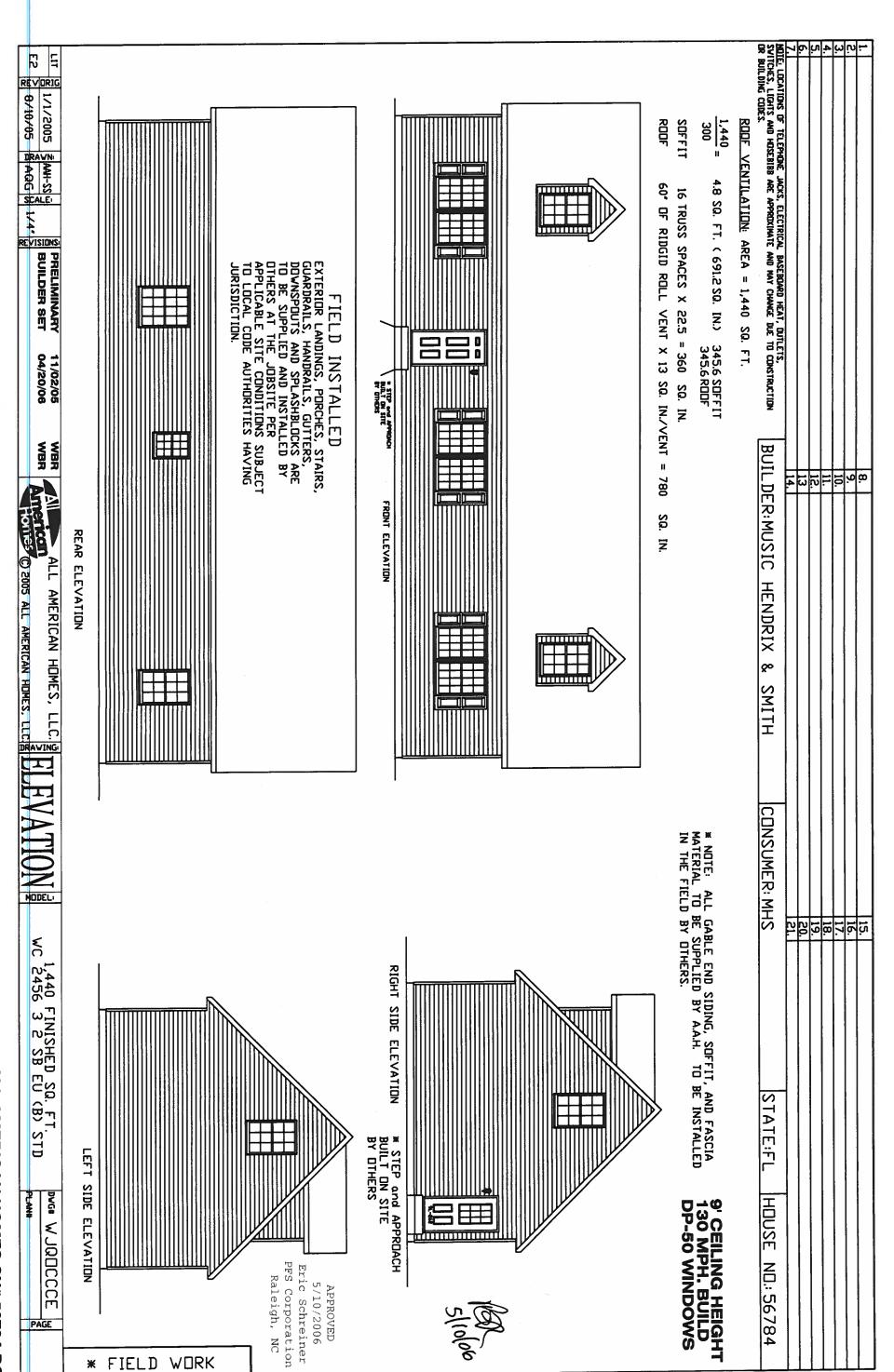
BUILDER TO INCORPORATE ANY FIRE BLOCKING NECESSARY IN FIELD TO COMPLY WITH THE FBC

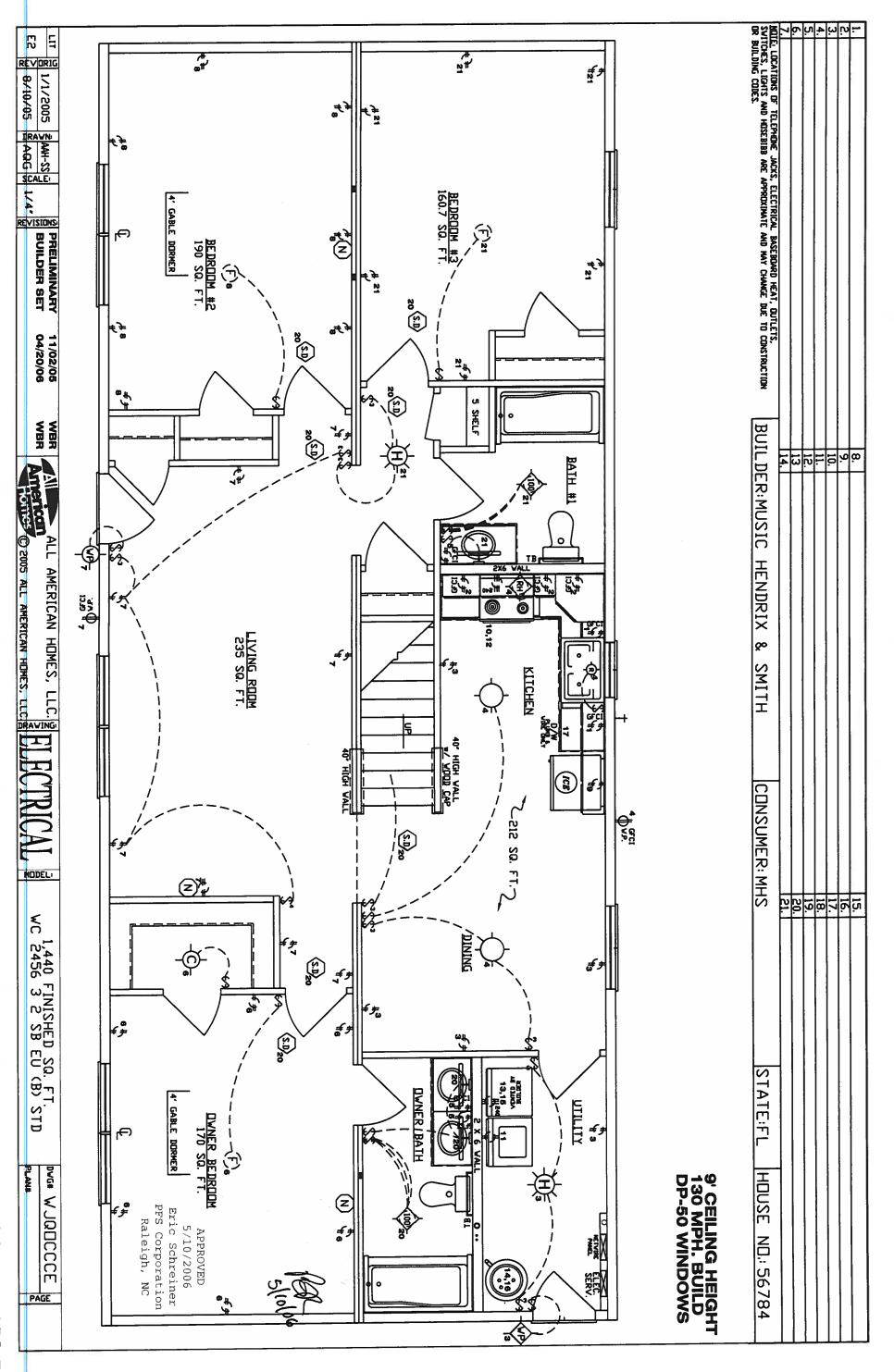
PLAN MAY BE REVERSED



ALL AMERICAN HOMES SN# 56784 PG. 4







**ALL AMERICAN HOMES SN# 56784 PG. 7** 

**√|∞|∞|≁|∞|∞|**− <u>NOTE:</u> LOCATIONS OF TELEPHONE JACKS, ELECTRICAL BASEBDARD HEAT, DUTLETS, SVITCHES, LIGHTS AND HOSEBIBB ARE APPROXIMATE AND MAY CHANGE DUE TO CONSTRUCTION OR BUILDING CODES. REV DRIG 8/10/05 1/1/2005 IRAVN: 1/4: REVISIONS: PRELIMINARY BUILDER SET CLOTHES DRYER 10-3 V/Ge0 30/2 13 14

DISHVASHER/DISPOSAL 12/2 V/Ge0 20/1 17 18

LIGHTING/DUTLETS (AFCI) 12/2 V/Ge0 20/1 19 20

LIGHTING/DUTLETS 12/2 V/Ge0 20/1 23 24

LIGHTING/DUTLETS 12/2 V/Ge0 20/1 23 24

LIGHTING/DUTLETS 12/2 V/Ge0 20/1 25 24

CODKTOP GOPTION 12-2 V/Ge0 20/1 29 30

CODKTOP GOPTION 10-3 V/Ge0 33 33

33 33

34 35 34 KIT. SMALL/APPL. (GFCI) 12/2 V/GMB 20/1 1 2/2 KIT. SMALL/APPL. (GFCI) 12/2 V/GMB 20/1 3 4/2 KIT. SMALL/APPL. (GFCI) 12/2 V/GMB 20/1 3 6/2 KIT. SMALL/APPL. (GFCI) 12/2 V/GMB 20/1 5 6/2 KIT. SMALL/APPL. (GFCI) 12/2 V/GMB 20/1 7 6/2 KIT. SMALL/APPL. (GFCI) 12/2 V/GMB 20/1 7 6/2 KIT. SMALL/APPL. (GFCI) 12/2 V/GMB 20/1 9 1/2 KIT. SMALL/APPL. (GFCI D. DOCK RETURNS IN MARROY FURNISHED BY CHICAS, POWER SUPPLY BY AAM, CHEY SHALL RE VISED IN

1. OFFI MASSING THAT THE RETURNING OF DAY, AND SHALL ACTIVATE ALL THE ALARMS.

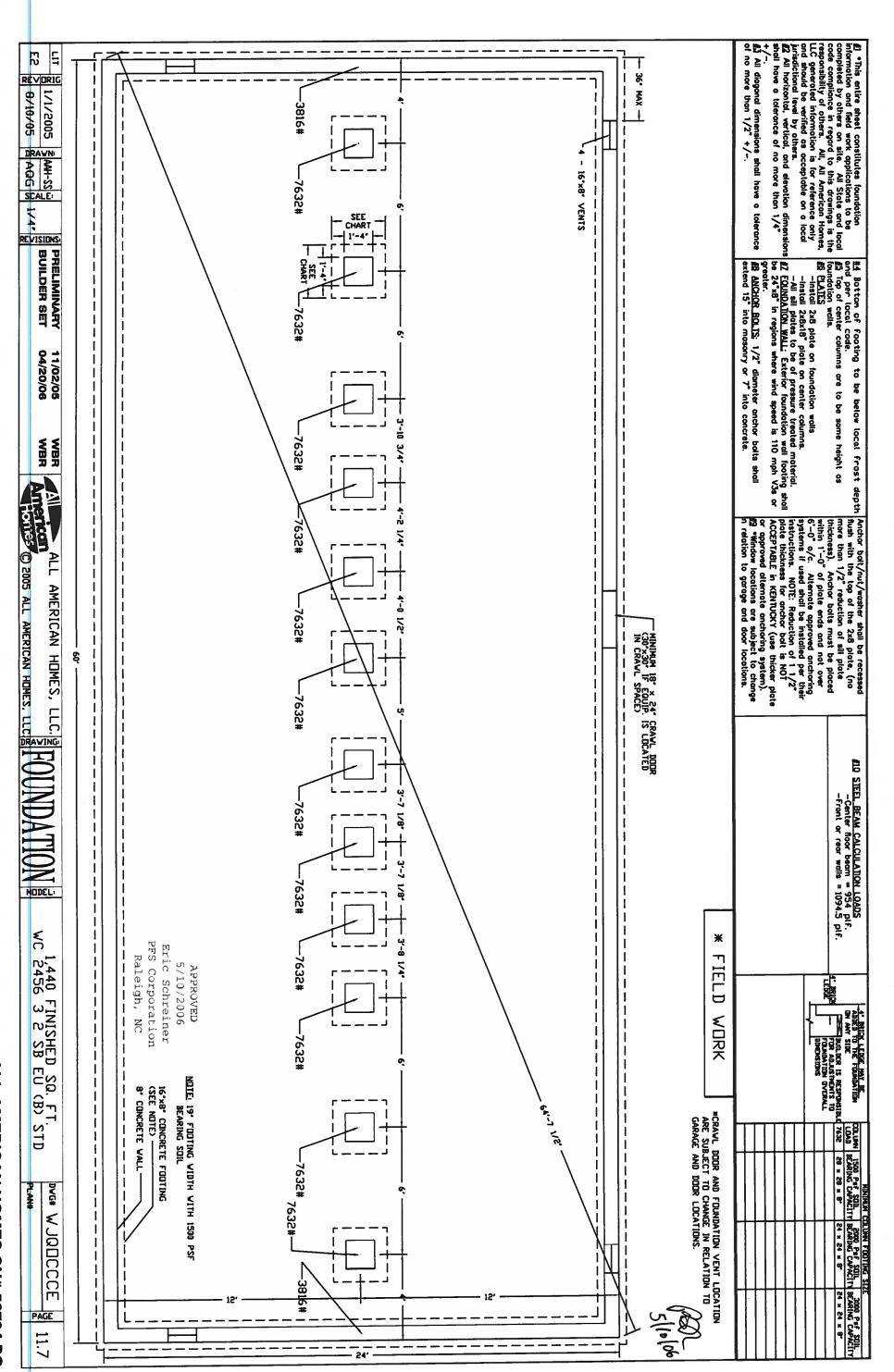
2. OFFI MASSING SHALL RE LIGHT AND DAY OF THE SACE IS TO BE USED FOR STORAGE OR SERVICABLE COMPRESS.

3. OFFI MASSING SHALL RE LIGHT AND THE SACE IS TO BE USED FOR STORAGE OR SERVICABLE COMPRESS.

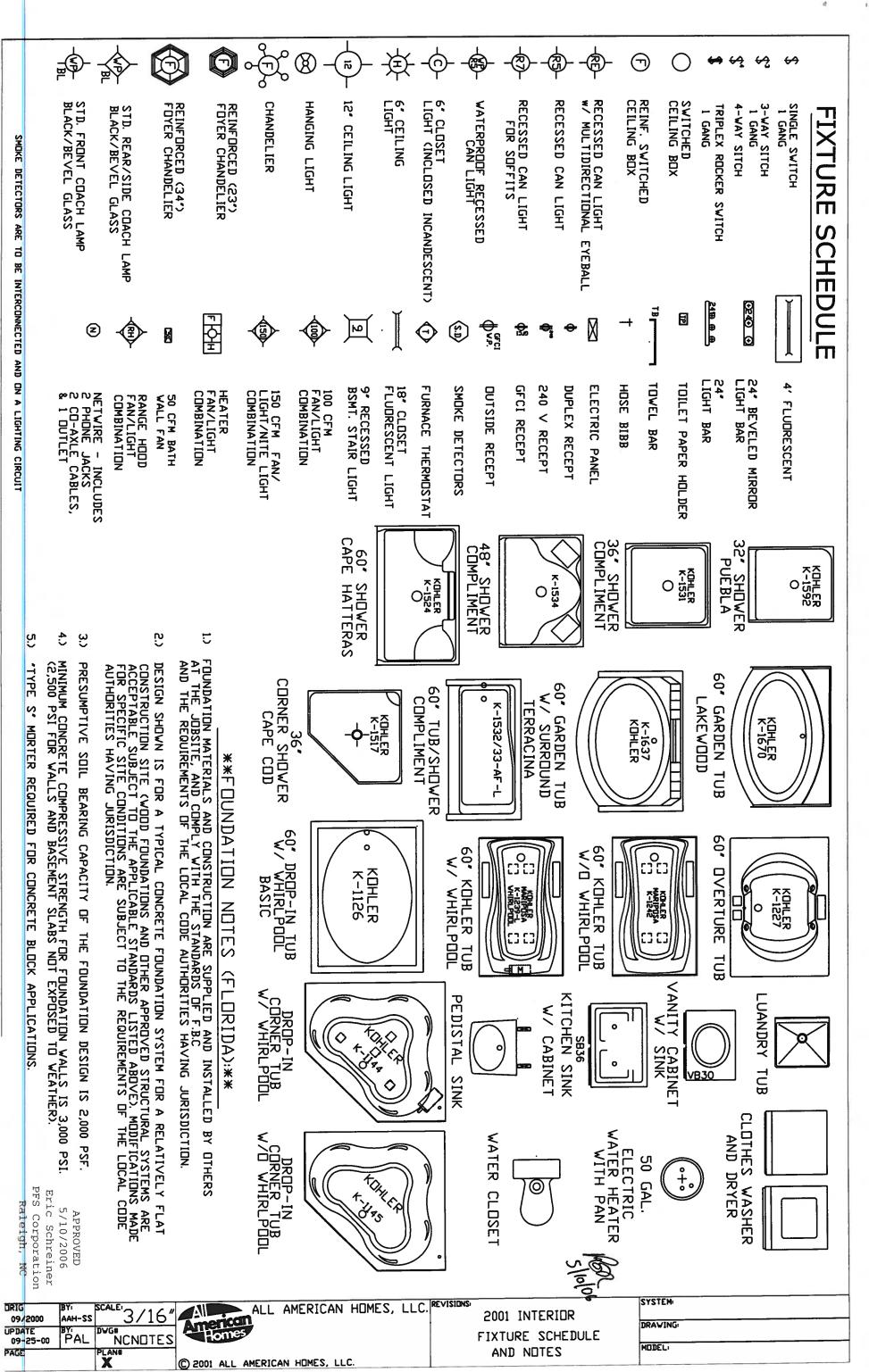
3. OFFI MASSING SHALL RE LIGHT AND THE SACE OF HAIN BUSS 200 AMPS
VOLTAGE: 120/240 VOLTS
PHASE: SINGLE PHASE
HERTZ: 60 HZ
AIC RMS: 22,000 AMPS 28-12 Arc-full Conditionary the Protection
(a) Britton An exclude clouds interruptor is a device stranged to protein protection from the effects of arc faults by recognizing characteristics unique excits and by functioning to demangles the crouds when an arc fault is despited.
(b) Beiling Lift beforeous. All branch charles that supply 128 volt, single place, 15 and 20-sparse recognized activity the characteristic before the stated in desting unit beforeous shall be protected by an arc-fault of could interruptories. This requirement shall become effective January 1, 2002 FIELD INSTALLED
ALL ELECTRICAL CONNECTIONS MADE BETVEEN HALVES
VILL BE MADE IN THE CRAVIL SPACE OR BASEMENT.
ALL 2nd FL. MAIN CIRCUIT RUNS VILL BE MADE THRU
ELECTRIC CHASE LOCATED IN 2x8 VALL CONTINUOUS
FROM ATTIC TO CRAVIL SPACE OR BASEMENT AND
CONNECTIONS MADE IN JUNCTION BOXES. 2002 NATIONAL ILLIGITHICAL COCK NANDBOOK 200-12 Arc-Fault Circuit-Interrupter Protection THE ME CABLE SHALLED THAN 4-2 DR 9-3 SHALL BE DEFALLED DIN RUNDER DURCES OR THROUGH BODED HOLES WORTER BY AN ARROLD WITH THE DROP DEFAULTS LIVE SHADOWN CELL BIOD.

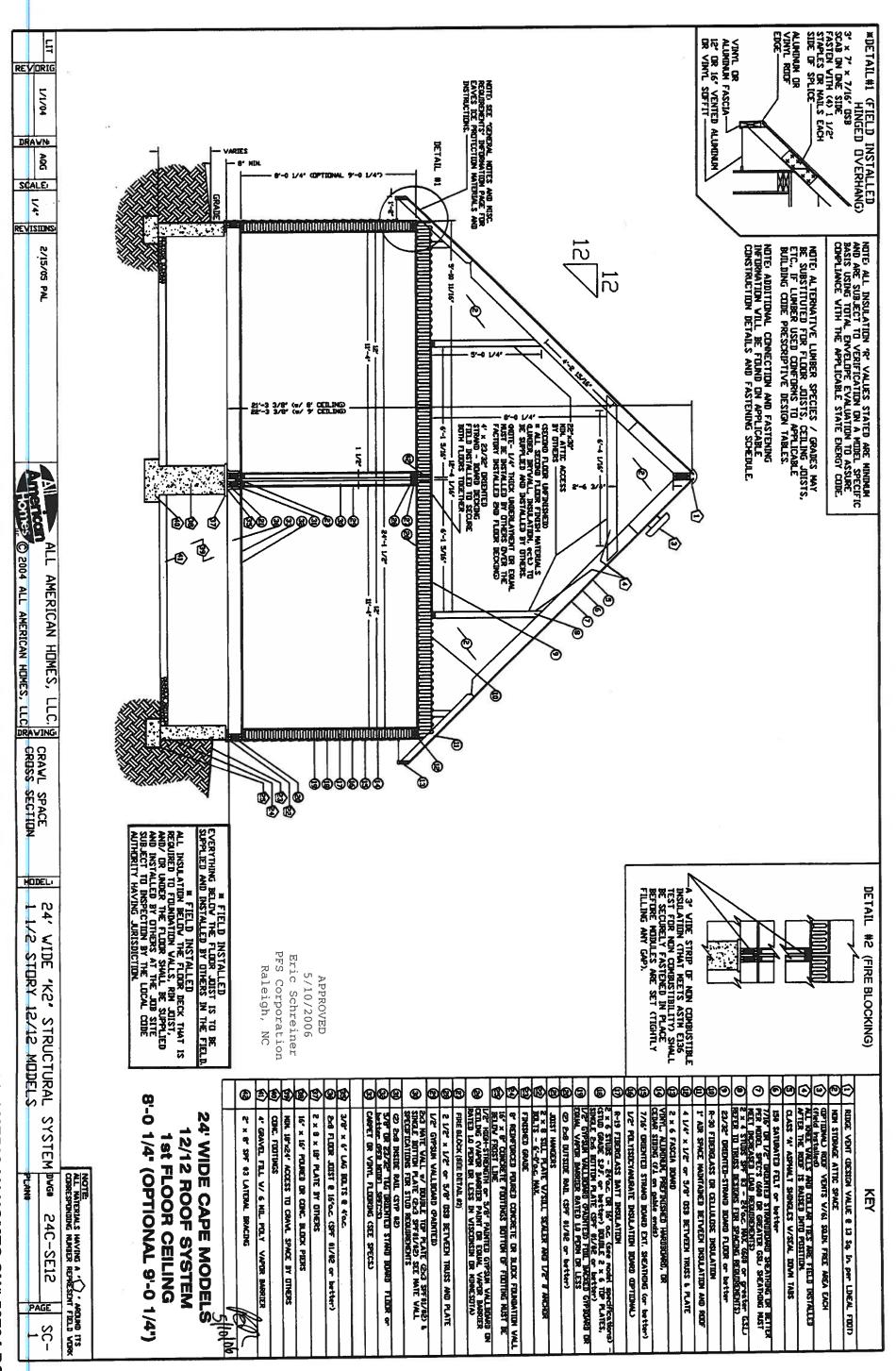
LODGET LIDOR FERTURE LUCARIED LEW HORSE TO SHALL BE LUCARIED HOL GODE THAN 12" FROM THE TOP OF THE COLMITISTICS BECAUSE ON AN EXAMOL OR BASE SHALL BE LUCARIED HOL THAN 12" FROM THE TOP OF THE COLMITISTICS BECAUSE ON ARCHITE AND DEFAULT BE LUCARIED BY CODE THAN 12" FROM ON PLAN LIBOR DUTCE ON RECEIVED TO SUTTICH SHOWN ON PLAN MODEL TYPE: note: Thebuilder is to supply & install any The House, all american homes will provide Are installed in the plant. CIRCUIT DESCRIPTION 04/20/06 11/02/05 SINGLE FAMILY WBR WBR VIRE SIZE BRKRS CIRCUIT #'S BUIL DER: MUSIC LOAD PANEL CIRCUIT DESIGNATION SHEET American 40 OTHER BREAKERS/VIRE NEEDED TO FINISH BREAKERS FOR THE CIRCUITS THAT CIRCUIT PANE 2 KIT. SWALL/APPL. (GFCI) iz
4 LIGHTING/DUTLETS iz
6 LIGHTING/DUTLETS (AFCI) iz
8 LIGHTING/DUTLETS (AFCI) iz
10 RANGE ALL AMERICAN HOMES, LLC. TO THE TOTAL DANTI E SINGLE VALL OVEN ELEC. H/W CIRCUIT DESCRIPTION HENDRIX & | 1) | 12/2 | V/GHD | 20/1 | 5 | 12/2 | V/GHD | 20/1 10-3 V/GND 10-5 A/GND HIIMS 2/04 **UNSUMER: MHS** L A. LIDATING
E. SAMLE APPLIANCE CIRCUIT
C. RANGEY
D. LANGEY
E. WATER HEATER
F. BRYCESAL
H. DISPASSAL
H. DISPASSE
H. DISPASSAL
H. DISPA P. A. FIRST 10,000 VATTS @ 100X B. REWINDER @ 40X 3. A HEATING/ AIR CONDITIONING IZNERAL DATA: TOTAL SO. FT. 1,440 MO. OF FLOORS: 1 SIZE OF MOIN 200 AMP. MAIN RESIDENTIAL ELECTRIC LOAD CALCULATIONS 2'-0' DR GREATER 2. RECEPTACLES SHALL NOT BE LOCATED ABOVE BASEBOARD HEATERS,
DOLLY A FACTORY-INSTALLED RECEPTACLE PROVIDED BY THE BASEBOARD
HAMPACTURER TO PROVIDE FOR RECEPTACLES ALDM VALAL SPACES
UTILIZING THOSE REQUIREMENTS, SUCH RECEPTACLES SHALL NOT BE
COMECTED TO HEATERS CIRCUITS. SUCH RECEPTACLES SHALL NOT BE
3. HALLVAYS EXCEEDING OF FEET IN LONGTH SHALL HAVE DHE RECEPTACLE
QUITLET PROVIDED.
4. FIXED GAASE PANELS AT EXTERIOR DODRYAYS SHALL BE INCLUDED IN
THE "6 FOOT BALL". DPDIDGS AT FLOOR LINES SUCH AS CLOSET DOORS, DOORVAYS FIREPLACES, ETC. ARE NOT INCLUDED IN "6 FOOT RULE" DINENSION REQUIREMENTS. AT THE LOCATION, BUILDER TO SUPPLY & INSTALL RECEPTACLE. CLOSET NOTE: HEATING AND AIR CONDITIONING ARE BY THE BUILDER, BUILDER TO SUPPLY & DISTALL ALL INTERIALS. RECEPTACLE SPACING DETAIL SCALE: NTS. 25 19 19 19 19 19 TOTAL VATTAGE OF FEEDER-10,000 + 10,906 + 16,000 = 36,906 VATTS 36,906 /240 = 153,78AMPS € 1,440 S.F. B.3 VAITS/S.F. 3 B.1500 VAITS EA (SIZE, IR KY) 1 B.1500 VAITS EA 4500 VAITS B.153X (SIZE S.K KY) GRATING 6 AMPS) 1,440 FINISHE 2456 3 2 SE 1 e 1500 VATTS EA F Q 1,500 VATTS 1,500 VATTS 1,500 VATTS 1,500 VATTS 5,600 VATTS 1,500 VATTS 1,500 VATTS 1,500 VATTS 1,500 VATTS = 10,000 VATTS D SQ. FT. BEU (B) STD FIXED PANE STIVA STATE:FL WG# WJQDCCCE HOUSE NO.: 56784 9' CEILING HEIGHT 130 MPH. BUILD DP-50 WINDOWS PFS Corporation Eric Schreiner Raleigh, NC 5/10/2006 APPROVED

**ALL AMERICAN HOMES SN# 56784 PG. 9** 

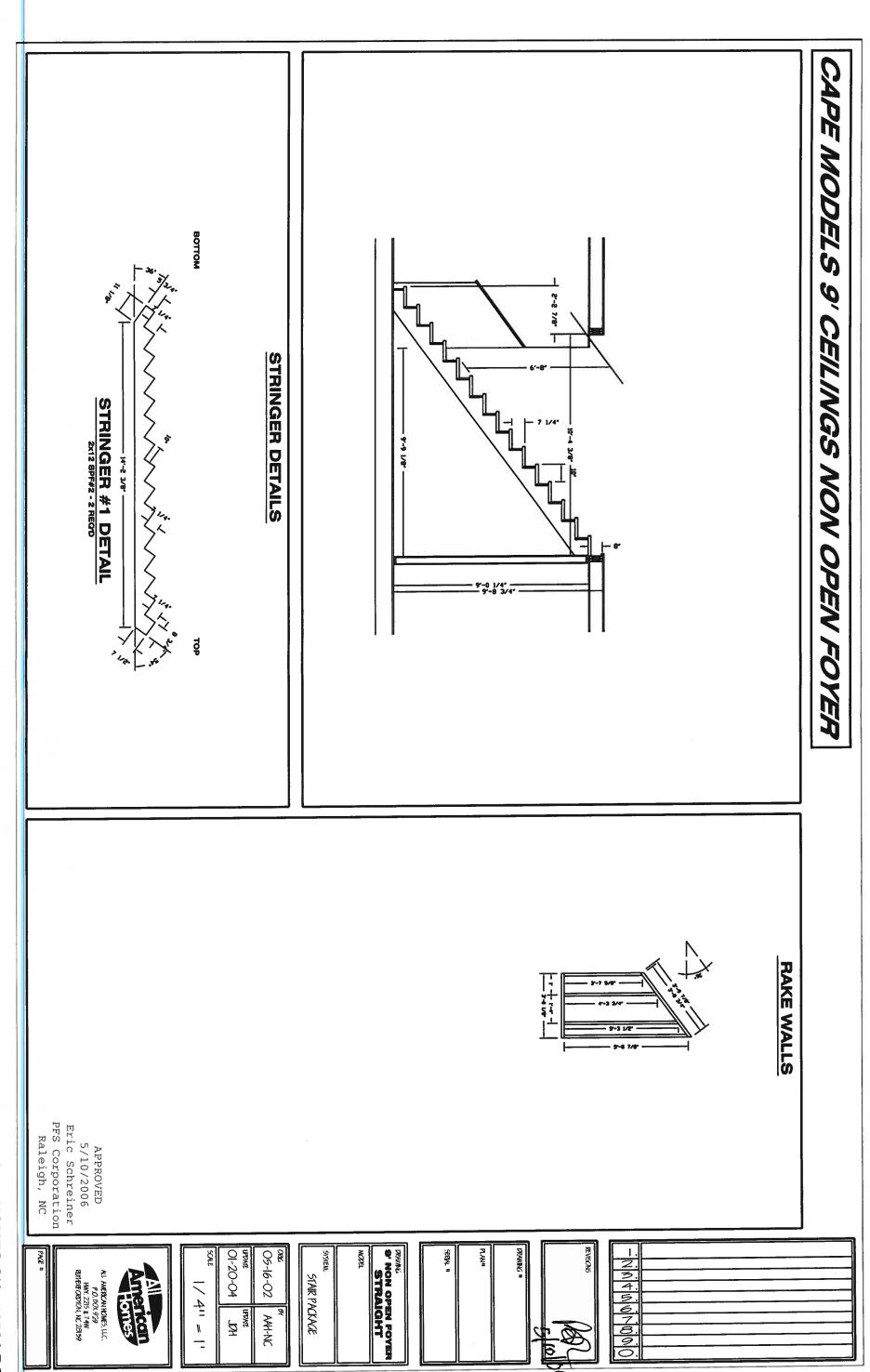


**ALL AMERICAN HOMES SN# 56784 PG. 10** 





**ALL AMERICAN HOMES SN# 56784 PG. 12** 



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RECONFIGURE

READ WEST INSTEAD

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DESCRIPTION

REVISIONS

-NOTEDOORS WITH GLASS TO MEET FBC
ANY DUTSWING DOORS NOT SHOWN OR CALLED OUT WILL
BE 1 1/2" SHORTER IN HEIGHT THAN STANDARD FOR THE
DOOR ORDERED.
ALL DOOR ROUGH OPENINGS ARE STUD TO STUD UNLESS NOTED
DOORS THAT INCLUDE GLASS, AND/OR SIDELIGHTS, TRANSOMS, SHALL BE

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STANDARD TEMPERED.

ω 4.

5/10/2006 APPROVED

Eric Schreiner PFS Corporation

DRIG 11/2000

UPDATE 04-01-01

PAGE

**ALL AMERICAN HOMES SN# 56784 PG. 14** 

JDH SCHEDULES

ALL AMERICAN HOMES, LLC. REVISIONS

2001 EXTERIOR DOOR SCHEDULE

'WIDE 1 STORY MODEL **FLOOR PLAN** MDDEL:

C 2001 ALL AMERICAN HOMES, LLC.

-NOTE-DOORS ARE OFFERED IN 6-PANEL OR FLUSH STYLES 6-PANEL OFFERED IN STAINED OR WHITE FLUSH OFFERED IN WHITE ONLY.

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																					গ্র	
DOORS WITH GL	SA-ID19	SA-ID18	SA-ID17	SA-ID16	SA-ID15	SA-ID14	SA-ID13	SA-ID12	SA-ID11	SA-ID7	SA-ID10	ᆸ	SA-ID8	SA-ID7	SA-ID6	SA-ID5	SA-ID4	SA-ID3	SA-ID2	SA-ID1	SUB-ASSEMBLY #	INTE
Z I	-	-	-	_		1	_	RR	PР	BB	1	1	-	V	S	æ	۵	ס	В		#	P
NOTE-	5' DBL. POCKET DOOR	4' DBL. POCKET DOOR	3' POCKET DOOR	2'-6" POCKET DOOR	2' POCKET DOOR	4' BI-PASS DOORS	5' BI-PASS DOORS	DBL. 30° SWING	DBL. 24" SWING	DBL 20" SWING	5' BI-FOLD (NO TRIM)		4′ BI-F□LD	36" SWING	32" SWING	30" SWING	28" SWING	*	20" SWING	18' SWING	DESCRIPTION	OR DOOR SO
DR CALLED DIT WILL	122 3/4" X 84 1/2"	X 84 1/	1/8" X 84 1/	62 1/8" X 84 1/2"	50 1/8" X 84 1/2"	) 1/2" X	61 1/2" X 83"	×	×	42" X 83"	60 <b>*</b> X 80	X 82 1/	50" X 82 1/2"	×	×	×	30" X 83"	×	22" X 83"	20" X 83":	ROUGH OPENING	CHEDULE

ANY DUTSWING DURS NOT SHOWN OR CALLED DUT WILL ANY DUTSWING DURS NOTED THAN STANDARD FOR THE DOOR ORDERED.

ALL DOOR ROUGH OPENINGS ARE STUD TO STUD UNLESS NOTED @ @@@@@@ 30 INTERIOR BY-PASS DOOR SIZE WILL BE OBTAINED DIRECTLY OFF OF THE FLOOR PLAN CLOSET DOORS DNLY ] ] ] ] ĥ SIZE WILL BE OBTAINED DIRECTLY OFF OF THE FLOOR PLAN SIZE WILL BE OBTAINED
DIRECTLY OFF OF
THE FLOOR PLAN INTERIOR POCKET DOOR

BATH 2'-0' MIN.

BEDROOM 2'-6' MIN.

CLOSET 1'-6' MIN. Q SIZE WILL BE OBTAINED DIRECTLY OFF OF THE FLOOR PLAN INTERIOR DBL. POCKET DOOR CLOSET DOORS ONLY SHOWN W/ GLASS OPTION

**ALL AMERICAN HOMES SN# 56784 PG. 15** Eric Schreiner PFS Corporation Raleigh, NC 5/10/2006 APPROVED

11/2000 UPDATE 04-01-01 PAGE

AAH-SS

JDH

DWG# GHDQCTA PLAN#

ALL AMERICAN HOMES, LLC. REVISIONS

2001 INTERIOR DOOR SCHEDULE

STORY 28 'WIDE 1 DRAVING 32 × 56 2 B STD 3

BATH 2'-0' MIN.
BEDROOM 2'-6' MIN.
CLOSET 1'-6' MIN.

INTERIOR BI-FOLD DOOR CLOSET DOORS ONLY

INTERIOR SVING DOOR

MODEL:

**FLOOR PLAN** 

MEDICAN HOMES SN# 56784	Raleigh, NC	PFS Corporation	Eric Schreiner	5/10/2006
<b>78</b>	ORIO 112		00	

	WES	ST WIN	00WS 200	5 WINDOW SCHEDULE SINGLE HUNG
	EGRESS	WEST #	ROUGH OPENING	LIGHT/VENT SQ. FT.
	NO	1846	22 1/4" X 57 1/4"	5.88 / 2.93
	NO	1856	22 1/4" X 69 1/4"	7.27 / 3.47
	ND .	1862	22 1/4" X 77 1/4"	7.91 / 3.93
S	ND	2030	26 1/4" X 39 1/4"	4.74 / 2.34
	ND	2430	30 1/4" X 39 1/4"	5.61 / 2.56
1	ND	2446	30 1/4" X 57 1/4"	8.70 / 4.30
N	NO	2462	30 1/4" X 77 1/4"	11.58 / 6.16
	NO	3030	38 1/4" X 39 1/4"	7.43 / 3.38
G	ND	3042	38 1/4" X 53 1/4"	10.61 / 4.94
11 1	YES	3046	38 1/4" X 57 1/4"	11.52 / 5.70
	YES	3056	38 1/4" X 69 1/4"	14.24 / 6.70
E	YES	3062	38 1/4" X 77 1/4"	16.06 / 7.71
S	NO	3430	42 1/4" X 39 1/4"	8.34 / 3.78
	YES	3446	42 1/4" X 57 1/4"	12.93 / 6.34
	YES	3846	46 1/4" X 57 1/4"	14.34 / 7.02
	ND	2030 TWIN	52 1/4" X 39 1/4"	9.48 / 4.68
	ND	2430 TWIN	60 1/4" X 39 1/4"	11.22 / 5.12
-	ND	2446 TWIN	60 1/4" X 57 1/4"	17.4 / 8.6
"	ND	2462 TWIN	60 1/4" X 77 1/4"	23.16 / 12.32
W	ND	3030 TWIN	76 1/4" X 39 1/4"	14.86 / 13.4
T	ND	3042 TWIN	76 1/4" X 53 1/4"	21.22 / 9.88
1	YES	3046 TWIN	76 1/4" X 57 1/4"	23.04 / 11.4
N	YES	3056 TWIN	76 1/4" X 69 1/4"	28.48 / 13.4
	YES	3062 TWIN	76 1/4" X 77 1/4"	32.12 / 15.42
S	NO NEO	3430 TWIN	84 1/4" X 39 1/4"	16.68 / 7.56
	YES	3446 TWIN	84 1/4" X 57 1/4" 92 1/4" X 57 1/4"	
	YES	3846 TWIN		
	YES	3046 TRIP.	114 3/8" X 57 1/4"	34.56 / 17.1
	YES	3446 TRIP.	126 7/8" X 57 1/4"	
	NO	2430-CTN24	30 5/8" X 54 5/8"	
C	NO	2446-CTN24	30 5/8" X 72 5/8"	
_	NO	3030-CTN30	38 5/8" X 58 5/8"	
	NO.	3042-CTN30	38 5/8" X 72 5/8"	
N	YES	3046-CTN30	38 5/8" X 76 5/8" 38 5/8" X 88 5/8"	
	YES	3056-CTN30	38 5/8" X 88 5/8"	16.44/ 6.61 15.43/ 6.27
E 1800 V.	YES	3446-CTN34	_	13.437 6.27
Į I	NO	CTN24		
	ND	CTN30		
	NO	CTN34	-	22 5 50 57
	ND	DCTAGON OTCO	37" X 37"	32.5 SQ. FT.
M	ND ND	P6035-CTC3	72 1/8" X 72 1/8" 96 3/8" X 57 1/4"	
''	ND ND	PICT. WIN.	96 3/8" X 57 1/4" 97" X 61 7/8"	122.8 SQ. FT.
$\mid I \mid$	NO NO	BAY	37" X 56 3/4"	122.0 30.11.
S	ND ND	□VL3048 CTC3	72 1/8" X 36 1/2"	
	ND ND	CW155	29 1/2" X 69 1/2"	
C	ND ND	PENTOID	42 1/2" X 60 1/2" X 72 1	
1	ND ND	AFFW603	_	
	ND	P5040	61" X 49"	
	ND	P4045CTN2	48 1/2" X 52 1/4"	
	YES	1846/3046/ 1846	82 1/4" X 57 1/4"	22 20 / 11 54
	YES	1846/3446/ 1846	86 1/4" X 57 1/4"	2470 / 1202
	ND	4026 CASEMENT	48 1/2" X 30 1/2"	
	ND	SKYLITE	21" X 28"	
	ND	SKYLITE	21" X 46 7/8"	

APPROVED

50 WINDOWS SHALL

IN INSTANCES WHERE A WIND BUILD OF 130 MPH OR GREATER IS REQUIRED, MINIMUM DP BE INSTALLED.

′16″	4
JLES	4

ALL AMERICAN HOMES, LLC.

28 'WIDE 1 STORY MODELS **FLOOR PLAN** 

WEST WINDOW SCHEDULE

BY:
AAH-SS

BY:
JDH SCHEDU

PLANS

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### FRAMING MEMBERS

Headers, girders and columns per prescriptive design tables or approved calculations

Note- Alternate lumber species / grades may be substituted for joists, etc. if lumber used conforms to applicable code prescriptive design tables See cross sections, truss designs and other drawing details for floor, wall and roof framing / sheathing specifications

ceilings - 1/2" sag-resistant or 5/8"
gypsum wallboard
walls - 1/2" gypsum wallboard
Note: Wall surfaces in shower spaces (and tubs installed with shower heads) shall be finished with a nonabsorbent surface, extending at least 6ft above the fixture floor. A water-resistant backer board shall be used behind ceramic tile (or other waterproof finishes) that are applied directly to the wallboard. Vapor barriers and waterproof finishes shall not be on both sides of water-resistant gypboard. INTERIOR FINISHES

## STANDARD FEATURES

prefinished wood base

wood casing

prefinished 1 3/8" hollow core wood doors prefinished wood door jambs

carpeting Floor covering: vinyl tile

stainless steel sink wood kitchen cabinets laminated plastic countertop ventless range hood Kitchen

laminated plastic countertop vent fan and light combination mirror w/ light bar wood vanity Bothrooms:

Note: 6'-8" minimum ceiling height shall be provided in the front clearance area of and above plumbing fixtures.

200 amp service copper wiring smake detectors doorbell lectrical:

vinyl or wood frame w/ vinyl
or alum. clad over wood
double pane glass
.40 SHGC or less (3500 or less HDD)
removable screen Windows:

artificial lighting for interior stairs (not less than 1 foot-candle measured at center of treads and landings) <u>Lighting:</u>

closet lights (where shown) are fluorescent or enclosed incandescent fixture

RE 6/23/05

IRAVN:
D PA

8 REVISIONS

ALL AMERICAN HOMES, LLC.

SPECIFICATIONS

NODEL:

ALL N

ODELS

#DVG

Specs

1 2 2 3

### PLUMBING

PVC drain, waste, and venting pipe (sch 40)
50 gal. electric water heater (40 gal. gas opt.)
1 frost proof hose bibb w/vacuum breaker
stainless steel kitchen sink
vitreous china water closet (1.6 gal. flush)
one piece fiberglass tub and shower (minimum
shower area = 900 sq.in. and 30° diameter)
washer and dryer hookup (not supplied if washer
and dryer will be located in basement)
anti-scald device installed on all showers
individual shutoffs on all water supplied fixtures M' copper, CPVC or PEX water lines

ENAMELED CAST-IRON FIXTURES EIXTURE DISHWASHER HOSE CONNECTION VACUUM BREAKER HOME LAUNDRY EQUIPMENT ASSE ASSE ASSE ASME A112.19.1 STANDARD 1007 1052 900

BOWLS AND TANKS
VACUUM BREAKER/ AUTO-DRAINING/
FROST RESISTANT SILLCOCK
VITREOUS CHINA FIXTURES
WATER CLOSET FLUSH TANK WHIRLPOOL BATHTUBS
STAINLESS STEEL FIXTURES
TRIM FOR WATER CLOSET PORCELAIN ENAMELED FORMED STEEL FIXTURES PLUMBING FIXTURES
PLASTIC BATHTUB UNITS PLUMBING FIXTURE FITTINGS PLASTIC SINKS PLASTIC SHOWER STALLS INDIVIDUAL ANTI-SCALD SHOWER CONTROL VALVES SUCTION FITTINGS FOR PLASTIC LAVATORIES NONVITREDUS CERAMIC DISPOSER WHIRLPOOL BATHTUBS ASSE 1019 ASME A112.19.2M ASME A112.19.8M ASME A112.19.3M ISNA ISNA ISNA ASSE ASSE 1002 ASME A112.19.7M **ASME A112.19.5** ASME A112.19.4M ISNA NS! **ASSE 1016** ASME ALIZ.18.1M A112.19.9M Z124.1 Z124.2 Z124.6 1008 Z124.3

PVC PIPE & FITTINGS
PVC (PURPLE) PRIMER
PVC CEMENT (NOT PURPLE) PEX' TUBING CPVC FITTINGS PEX' INSERT FITTINGS CPVC CPVC PIPE COPPER FITTINGS COPPER TUBING COPPER PIPE MATERIAL (DRANGE) CEMENT ASTM D2665 ASTM F656 ASTM D2564 ASME B16.15, B16.18, B16.22, B16.23, B16.26, B16.29 ASTM B42, B302 ASTM B75, B88, B251, B447 STANDARD ASTM D2846, F441, F442, CSA B137.6 **ASTM F1807** ASTM F493 ASTM F437, F438, F439 ASTM F876

### HEATING

furnished and installed Ş others

See cross sections and other drawing details for specifications. Note: Interior walls, ceilings or floors that separate conditioned space from unconditioned space (garage, basement stair, etc.) will be installed in the factory or on site by others.

## EXTERIOR FINISH MATERIAL: S AND NOTES

- I. ASPHALT ROOF SHINGLES (\*HINGE LOCATIONS, RIDGE AND PORTIONS FIELD INSTALLED)

- 2. WRIDGE OR ATTIC ROOF VENTS FIELD INSTALLED
  3. ALUMINUM OR VINYL ROOF EDGE (WPORTIONS FIELD INSTALLED)
  4. WEXTERIOR LIGHT FIXTURES FIELD INSTALLED
  5. WWEATHERPROOF EXTERIOR RECEPTACLE COVERS FIELD INSTALLED
- PREFINISHED FIBERGLASS FOAM-CORE EXTERIOR DOOR W/ WOOD FRAME
- WEXTERIOR FINISH MATERIALS MAY BE SUPPLIED & INSTALLED ON SITE BY OTHERS

  SITE BY OTHERS

  WEXTERIOR LANDINGS, PORCHES, STAIRS, GUARDRAILS, HANDRAILS, GUTTERS, DOWNSPOUTS AND SPLASHBLOCKS ARE SUPPLIED AND INSTALLED BY OTHERS PER APPLICABLE SITE CONDITIONS

  FACTORY-INSTALLED MATERIALS AND SITEVORK SHALL BE INSTALLED IN ACCORDANCE WITH MFGR'S INSTRUCTIONS AND STATE OR LOCAL CODE AUTHORITY HAVING JURISDICTION
- Standard Product:
- A. \*\*ALUMINUM OR VINYL FASCIA FIELD INSTALLED COVER OR CEDAR FASCIA
- B. WVENTED ALUMINUM, VINYL OR CEDAR SOFFIT FIELD INSTALLED
  C. VINYL, HARDBOARD OR CEDAR SIDING W/TRIM
  (\*\*BOTTOM ROW, ENDS & PORTIONS FIELD INSTALLED)
  NOTE: AN APPROVED WEATHER-RESISTIVE MATERIAL MUST BE
  INSTALLED OVER EXTERIOR VALL SHEATHING OF IN, MI OR MN UNITS
  D. VINYL SHUTTERS (\*\*MAY BE FIELD INSTALLED)
- 'Ameri-Log' Product:

- E. MCEDAR FASCIA FIELD INSTALLED
  F. MCEDAR SOFFIT FIELD INSTALLED
  G. MCEDAR SIDING W/TRIM FIELD INSTALLED
  NOTE: AN APPROVED WEATHER-RESISTIVE MATERIAL MUST BE
  INSTALLED OVER EXTERIOR WALL SHEATHING OF IN, MI OR MN UNITS

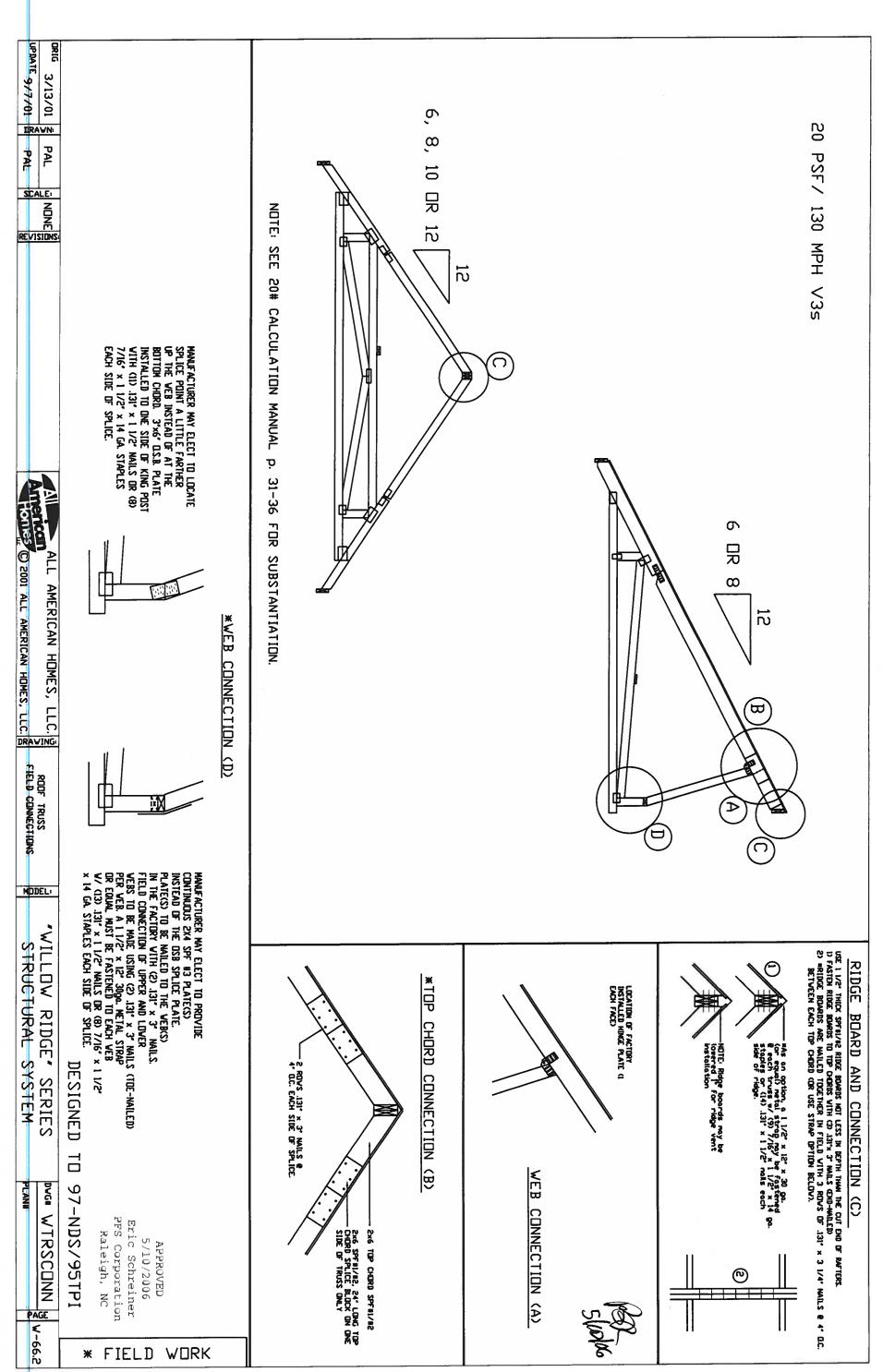


5/10/2006 APPROVED

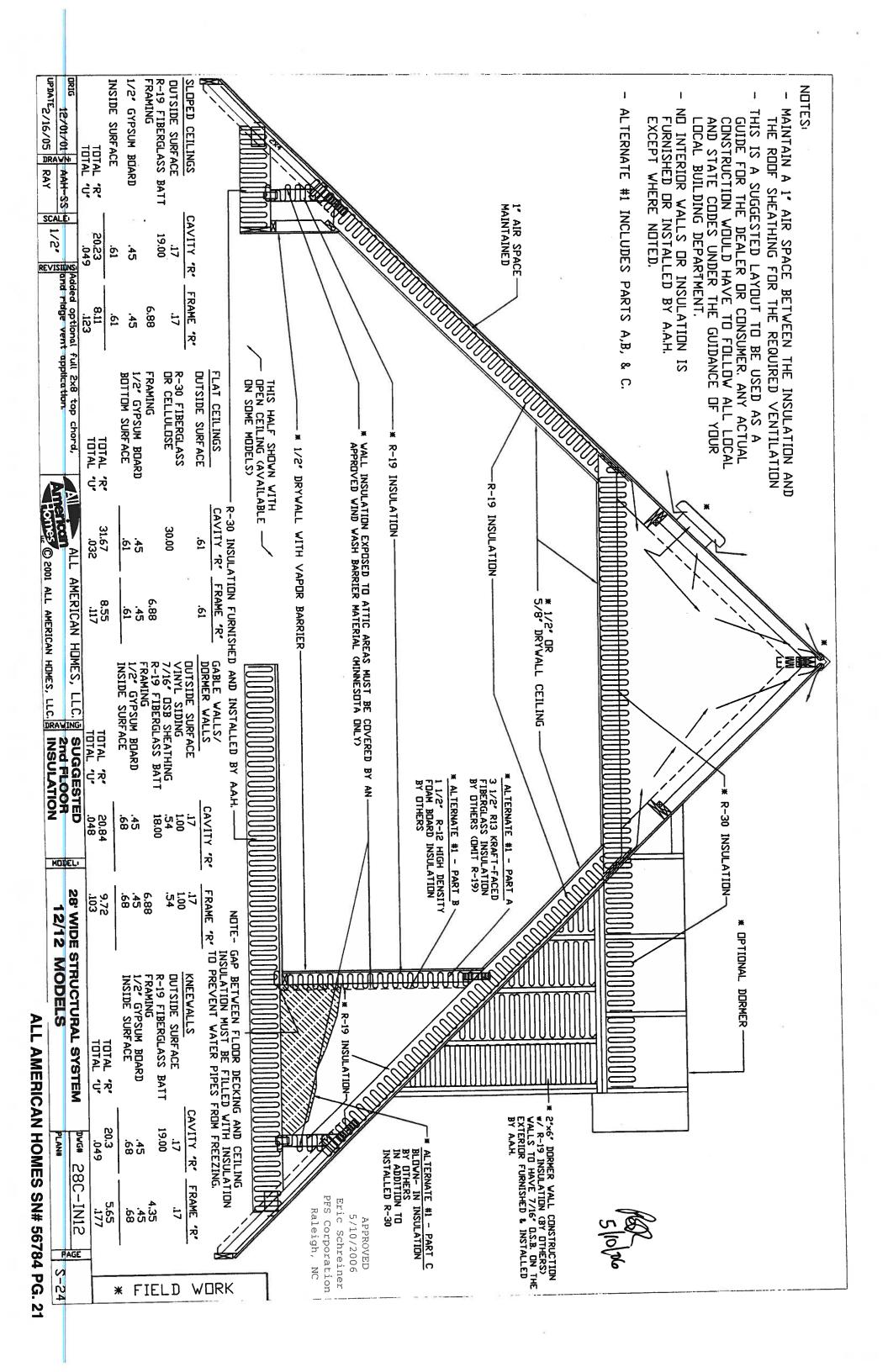
PFS Corporation Eric Schreiner Raleigh, NC

\* FIELD WORK

					5	
הכתפכא בו נא אוואכתכט וער				7'o.c. EDGES & INTERMEDIATE	-	7/16" DSB TO STUDS
EXCEED 50% OF THE LENGTH OF THE STRUCTURAL				10°o.c. DIRECT	WALL 12d NAIL OR 3' STAPLE OR #10 x 3 1/2' SCREV	END WALL TO MARRIAGE WI
4.) THE MINDHUM BEAD SIZE SHALL NOT BE LESS THAN 3/8' HIGH BY 3/4' WIDE. A BEAD SIZE THAT MEASURE				16"o.c. DIRECT		FLOOR
ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.					┨,	
LUMBER CROOK FROM 0 TO 1/2 INCH FOAM ADHESIVES SHALL BE INSTALLED IN				16'oc. DIRECT NAILS OR SCREVS B'oc. (FIGES)	1 1/4" SCREVS OR	DOUBLED TOP PLATES
2.) GYPSUM TO FRAMING CONTACT MAY VARY DUE TO				2 DIRECT	16d NAIL OR 3' STAPLE	UD TO BOTTOM PLATE
OTHER LOCATIONS NOT CONVENIENT FOR FOAM APPLICATION CAN BE MADE USING STANDARD	16'o.c. DIRECT	1' SHEATHING NAIL W/	CEDAX SIDING ID WALL			MARRIAGE WALLS:
1.) REPAIRS TO DAWAGED OR LOOSE GYPSUN BOARD AND	An miseor	(2" GALV. NAIL W/1" SHEATHI		48" o.c. ** 20 EACH STRAP	30go. 4" × 36" GALV. STRAPS 1 1/2" STAPLE, 7/16" CROWN	1st FLOOR TO 2nd FLOOR (ALTERNATE)
IN THE FIELD ).	16°o.c. DIRECT **	1 1/2" GALV, NAIL OR	VINYL SIDING TO WALL	6' LONG 32'O.C. (4 NAILS AT EACH END)	DR 7d NAILS	d FLOOR
AND GYPSUM BOARD OUR BOTH SIDES OF FRAMING	16'o.c. DIRECT	- 1	SOFFIT CHANNEL TO VALL		DR 1 3/4" GALV. "BIG TOP"	SHEATHING BOARD TO STUDS
1/2" OR 5/8" CYPSUM BOARD TO CEILING FRAMING	D 4/SHINGLE (SEE NFG. SPEC'S) *  4'a.c. DIRECT **	<b>5</b>	SHINGLES TO ROUF ALUM, FACIA COVER TO FAC		1 3/4" GALV. 'BIG TOP' NAII	ER OSB SHEATHING)
AND TOP AND BOTTOM PLATE.	12'o.c. DIRECT	1' GALV. STAPLE, 1' CROWN	ALUM ROOF EDGE TO ROOF	PAIRS 12'0.C. INTERNEDIATE		U.S.B. SHEATHING BOARD
AT GYPSUM BUARD SEAMS, TO ONE SIDE OF STUD IN THE FIELD , AND	:		EXTERIOR	PAIRS 12'O.C. INTERNEDIATE	1 1/4" RINGED NAIL	VALL (GARAGE SIDE)
	5 ROVS × 5 STAPLES/ EACH HALF		HETAL 36" O.C. TO ROOF	8'oc. INTERNEDIATE	1 1/C 31m/CC, //10 CNOWN	TO STUDS
1/2" OR 5/8" GYPSJIM BOARD TO INTERIOR AND EXTERIOR WALLS:	4'o.c. EDGES, 8' o.c. FIELD	2" STAPLE, 7/16" CROWN	5/8' SHEATHING TO ROOF	16'o.c. DIRECT	1 1/2" STADI E 7/16" COULUN	LXI. WALL IU INI. WALL
CE THE PRESENT CASTANA	4'oc. EDGES, 8' oc. FIELD	1 1/2" STAPLE, 7/16" CROWN	1/2' SHEATHING TO ROOF	16'o.c. DIRECT	.038 × 2.5" × 5" GANGNAIL PLATE	VALL TO EXT. VALL
USE SHALL BE LIMITED TO THE APPLICATIONS AND CONDITIONS	16 o.c. STAGGERED	12d NAIL OR 3' STAPLE	DOUBLE RAFTER/TRUSS	ı	10 × 3 1/2' SCREV	WALL TO ENDWALL
APPROVED TESTING AGENCY AND CONFURM TO ASTM CSS7,	+ SEE NOTE	ı	5/8" GYP. BOARD TO CEILING	- 1	ūδ	ENDVALL TO SIDEVALL
FRAMING WITH OR WITHOUT THE USE OF MECHANICAL FASTEN APPLICABLE ADMESTIVES SHALL BE TESTED AND LISTED BY A	2 DIRECT		FACIA BOARD TO RAFTER	16°o.c. DIRECT	12d NAIL OR 3' STAPLE	WALL TO FLOOR
ADHESIVE MAY BE USED TO ADHERE GYP. BOARD TO YOUD	16'o.c. DIRECT		RAFTER/TRUSS TO EXTERIOR ENDWALL TOP PLATE			SEE NOTE
	1 PER TRUSS	12d NAILS UR	SIDEWALL TOP PLATE	NAILS DR SCREVS BOAC (EDGES)	1 1/4" SCREVS OR	1/2' GYP. BOARD TO VALL
BEAD SIZE	2 DIRECT	1 1	RAFTER TO KNEEVALL	2 DIRECT	12d NAIL OR 3' STAPLE	צותם זם צורר
	4 DIRECT	1	BEAM TO ROOF TRUSS	3 DIRECT/ EACH END		STUD TO HEADER
WITH GYP. SEAM	3 DIRECT DES CACTES	16d NAIL DR 3' STAPLE	RIDGE BOARD TO RAFTER	12°o.c. DIRECT		DATE STUDS & COLUMNS
FDAM ADHESIVE S	3 DIRECT/EACH	16d NAIL OR 3' STAPLE	RAFTER TO HEADER	2 DIRECT	OR 3' STAPLE	STUD TO BOTTOM PLATE
	3 DIRECT	16d NAIL OR 3' STAPLE		2 DIRECT	16d NAIL OR 3' STAPLE	STUD TO TOP PLATE
2" LONG, 7/16" CROWN, 15 GAUGE	2 TOENAIL 1 DIRECT	FOR SPECIFIC APPLICATION  12d NAILS OR  \$10 × 4" SCREV	ROOF TRUSS TO MARRIAGE	INTERMEDIATE W/ADHESIVE	SHANK NAIL AND ADHESIVE	EXTENTION VALLS
1 3/4" LONG, 3/8" CROWN, 14 GAUGE RA	LS	ONDTE- SEE MATE WALL DETAI	12/12 ROOF	8 OC. INICARCHAIL	Toga. SIMPLES	
2) 1 1/2" LONG, 7/16" CROWN, 15 GAUGE PES Corporation	2 DIRECT	12d NAIL OR 3' STAPLE OR		4'o.c. DIRECT (EDGES)	1 3/4" LONG, 3/8" CROWN	UNDERLAYMENT TO FLOOR
5/	3 DIRECT	12d NAIL UR 3' STAPLE	TREAD TO STRINGER	ACH SIDE	1 1/2" × 131 NAIL	JOIST HANGER TO BEAM
PNEUMATIC	2 DIRECT	#10 × 3 1/2" SCREY OR	STAIRWAYSI	16'o.c. TOENAIL **	20d NAIL	CENTER BEAM TIES
4) 2 3/8" LUNG, CUP-HEAD, COATED DRYVALL NAIL	1 DIRECT 48° o.c. 48°o.c. W/VOOD BLOCKING	12d NAIL DR 3' STAPLE	PERPENDICULAR PARALLEL	//ADHE	SHANK NAIL AND ADHESIVE	
1 1/4	16'o.c. DIRECT	12d NAIL OR 3' STAPLE	WALL TO WALL	4 DIRECT - EACH END	2 1/4" × .099 TR 61 RING	3/4' SUB-FLOOR TO
		12d NAIL DR 3' STAPLE	אארר זני + ניטטא	3 EACH END- EVERY OTHER INCREMENT	12d NAIL OR 3' STAPLE	
GYP. BOARD FASTENERS	1		+ SEE NOTE	16 o.c. STAGGERED	12d NAIL OR 3' STAPLE	DOUBLED/TRIPLED JOISTS
	NAILS DR SCREVS 8'o.c. (EDGES)	- 1	1/2" GYP. BOARD TO STUDS	ਵੈ		
6d common or box (or 2" long, .113"	2 DIRECT	12d NAIL DR 3' STAPLE	STUD TO HEADER	2 ROVS NAILS 12" O.C. AND 4 NAILS	OR 2 1/2" × .131" NAIL	את פטונט טר
8d common or box (or 2 3/8" long, .	16°o.c. DIRECT	1 1	SISDANON & SUNIS 378000	2 ROVS NAILS 12" O.C.	12d NAIL	PERIMETER & CENTER
12d common or box (or 3" long, 131"	2 DIRECT		STUD TO BOTTON PLATE	2 DIRECT/ 16'o.c. (UNDER JUIST)	12d NAIL OR 3' STAPLE	LEDGER BOARD TO BEAN
common (or 4" (on			INTERIOR WALLS:	1 EACH SIDE	121	JUIST HANGER TO JUIST
	JU O.C. PIRECT	OR #10 x 3 1/2" SCREY	INI. WALL IU MAKKIAGE WALL	OF JOIST TOP FLOOR OF 2 STORY)	CUP 28 UR A35	r Cuux July I HANGER
MINIMUM NAIL REQUIREMENTS	3 DIRECT EACH END	I	STUD TO HEADER	3 DIRECT/ JUIST END	NAIL D	JOIST TO PERIMETER
		NT.	MARRIAGE WALLS-CONT.			FLOORS



REVERIGE 8/6/04 PAL E. SCALE. EVISIONS			Time Time	2 STURY —		\$10000		
	2d	INSULATION BY OTHERS	R-19 FIBERGLASS		1' UNFACED POLY- ISOCYANURATE FOAM SHEATHING			
ATTENDED POOR ALL AMERICAN HOMES, LLC.	NOTE: ALL INSULATION R VALUES STATED ARE MINIMUM AND ARE SUBJECT TO VERIFICATION ON A MODEL SPECIFIC BASIS USING TOTAL ENVELOPE EVALUATION TO ASSURE COMPLIANCE WITH THE APPLICABLE STATE ENERGY CODE.	THE FLOOR I N WALLS, RII 1 THE JOBSI LOCAL CODE	SIDE SURFACE NG (VINYL) POLYISO. SHEAT O JOIST OLYISO. SHEATHIN DE SURFACE TOTAL	TOTAL 'R' TOTAL 'U'	7/16" OSB SHEATHING R-19 BATT FIBERGLASS 2 x 6 FRAMING 1/2" GYPSUM BOARD INSIDE SURFACE	POLYI	TOP SURFACE R-30 FIBERGLASS OR CELLULOSE 2 x 4 TRUSSES @ 24°o.c. 1/2° GYPSUM BOARD BOTTOM SURFACE TOTAL 'R' TOTAL 'U'	CEILING
'R' & 'U'	TATED ARE MINIMUM ON A MODEL SPECIFIC LUATION TO ASSURE STATE ENERGY CODE.	DECK THAT IS M JOIST, AND/ PLIED AND TE SUBJECT AUTHORITY		20.84	.54 18.00 .45 .68	.17 1.00	.61 30.00 .45 .61 31.67 .031	CAVITY 'R'
ALL RE	v			23.62 ,042	.54 18,00 .45 .68	.17 1.00 2.78		CAVITY 'R'
RESIDENTIAL M		.085	.17 1.00 .54 3.75 5.56 .68	9.72 .103	.54 6.88 .45	.17 1.00	.61 4.38 .45 .61 6.05	FRAME 'R'
MODELS		.069	.17 1.00 2.78 .54 3.75 5.56	12.50 .080	.54 6,88 ,45	.17 1.00 2.78		FRAME 'R'
DVG# INSULDET	APPROVED 5/10/2006 Eric Schreiner PFS Corporation Raleigh, NC						40	
PAGE	2D 06 06 siner ation NC *FIELD	WORK	5/10/06			¥		



# GENERAL NOTES A D MISC. REQUIREMENTS:

# PLUMBING NOTES:

- $\Box$ SHOWER AND TUB/SHOWER VALVES SHALL BE BALANCED PRESSURE, THERMOSTATIC OR COMBINATION MIXING VALVES. SUCH VALVES SHALL BE EQUIPPED WITH HANDLE POSITION STOPS THAT ARE FIELD ADJUSTED IN ACCORDANCE TO MANUFACTURER'S INSTRUCTIONS TO A MAX. HOT WATER SETTING OF 120° F.
- ည THE DISCHARGE FROM THE CLOTHES WASHER SHALL BE THROUGH AN AIR BREAK AND CONNECT TO A STANDPIPE.
- $\Theta$ 'P' TRAPS WITH CONCEALED SLIP-JOINT CONNECTIONS SHALL BE PROVIDED WITH AN ACCESS PANEL OR UTILITY SPACE AT LEAST 12' IN IT'S SMALLEST DIMENSION TO PROVIDE ACCESS TO THE SLIP CONNECTION FOR INSPECTION AND REPAIR.
- 4. WASHER STAND PIPE SHALL EXTEND A MINIMUM OF 18' AND A MAXIMUM OF 42' ABOVE THE TRAP
- 5 IN CONCEALED LOCATIONS WHERE PIPING IS INSTALLED THROUGH HOLES OR NOTCHES IN STUDS, JOISTS OR SIMILAR MEMBERS LESS THAN 1 1/2" FROM THE NEAREST EDGE OF THE MEMBER, THE PIPE SHALL BE PROTECTED BY SHIELD PLATES. THE PLATES (MIN. 1/16" THICK STEEL) SHALL COVER THE AREA OF THE PIPE WHERE THE MEMBER IS NOTCHED OR BORED.
- 6.5 PUMP WILL BE ACCESSIBLE ON ALL WHIRLPOOL BATHTUBS.
- ACCESS WILL BE PROVIDED TO WATER HAMMER ARRESTERS AND FLEXIBLE CONNECTORS

7.

- 8
- \* 9 THE VALVE INSIDE THE HOME FOR SILLCOCK SHUTOFF SHALL BE IDENTIFIED WITH A HANGING TAG THAT IDENTIFIES THE DEVICE THAT IT SHUTS OFF.

  THE SERVICE VALVE AND IT'S IDENTIFICATION TAG SHALL BE INSTALLED BY OTHERS ON SITE.
- 9 NOTCHES & HOLES IN FLOOR JOIST AND WALLS FOR PLUMBING SHALL BE LIMITED IN SIZE PER RESIDENTIAL CODE REQUIREMENTS.
- E MAX. DISTANCE OF FIXTURE TRAP TO VENT -
- 1 1/2" DRAIN 5' 2" DRAIN 6' 3" DRAIN 10' 4" DRAIN 12'

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- SLOPE OF DWV PIPING (HORIZONTAL)
  VENTS 1/8" PER FOOT
  DRAINS 3" (OR LESS) 1/4" PER FOOT
  LARGER DRAINS 1/8" PER FOOT
- 130 PLASTIC DVV PIPE SUPPORT - 4' o.c. (HORIZ. PIPE)
  AT EACH STORY AND MIDSTORY (VERT. PIPE)
- 14.5 COPPER WATER PIPE SUPPORT - (VERTICAL - AT EACH STORY)
  (HORIZONTAL - 6'o.c.)
- 15.) DWV SYSTEM USES ALL DIRECTIONAL FITTINGS FOR ALL CHANGES IN DIRECTION
- 16.) CHANGES IN DIRECTION OF DRAINAGE PIPING SHALL BE MADE BY THE APPROPRIATE USE OF WYES, LONG SWEEPS, SHORT SWEEPS, QUARTER, SIXTH, EIGHTH, OR SIXTEENTH BENDS, OR BY A COMBINATION OF THESE FITINGS. ANY OF THESE FITTINGS MAY BE USED IN DRAINAGE LINES WHERE THE DIRECTION OF FLOW IS FROM THE HORIZONTAL TO THE VERTICAL AND MAY BE USED FOR MAKING NECESSARY VERTICAL OFFSETS BETWEEN CEILING AND NEXT FLOOR ABOVE.
- 17.) SHORT SWEEPS, LONG SWEEPS, WYES, SIXTH, EIGHTH AND SIXTEENTH BEND FITTINGS MAY BE USED IN DRAINAGE LINES WHERE THE DIRECTION OF FLOW IS FROM THE VERTICAL TO THE HORIZONTAL. WYES, LONG SWEEP, SIXTH, EIGHTH AND SIXTEENTH BENDS MAY BE USED WHERE THE DIRECTION OF FLOW IS FROM HORIZONTAL TO HORIZONTAL.
- 18.5 HORIZONTAL TO VERTICAL DOUBLE SANITARY TEES AND TEE-WYES SHALL BE PERMITTED IF THE DIRECTLY OPPOSING CONNECTIONS ARE THE SAME SIZE AND DISCHARGE IS FROM SIMILAR FIXTURE TYPES OR FIXTURE GROUPS. DOUBLE SANITARY TEE FITTINGS SHALL NOT BE USED FOR WATER CLOSETS OR FIXTURES WITH PUMPING DISCHARGE.

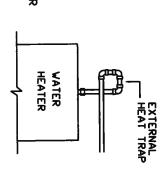
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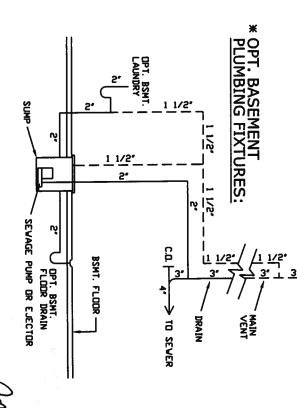
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REVISIONS

# WATER HEATER NOTE

1.) HEAT TRAP: (REQUIRED BY FL, NY, DH, MD, I RESIDENTIAL WATER HEATERS WITH STORAGE TANKS SHALL HAVE HEAT TRAPS ON BOTH THE INLETS AND DUTLETS. THOSE NOT HAVING BUILT-IN HEAT TRAPS SHALL BE INSTALLED WITH AN EXTERNAL HEAT TRAP. SUCH DEVICES SHALL CONSIST OF EITHER A COMMERCIALLY AVAILABLE HEAT TRAP OR A DOWNWARD AND UPWARD BEND OF AT LEAST 3 1/2" IN THE HOT WATER DISTRIBUTION LINE AND COLD WATER LINE LOCATED AS CLOSE AS PRACTICAL TO THE STORAGE TANK. TION CODES KY, MD









AND MISC. REQMTS.
(FLORIDA) MODEL: **₽**L RESIDENTI

AINETCOIL

ALL AMERICAN HOMES, LLC B

AMERICAN HOMES, LLC B

IL MODELS

DVG#

PFS Corporation

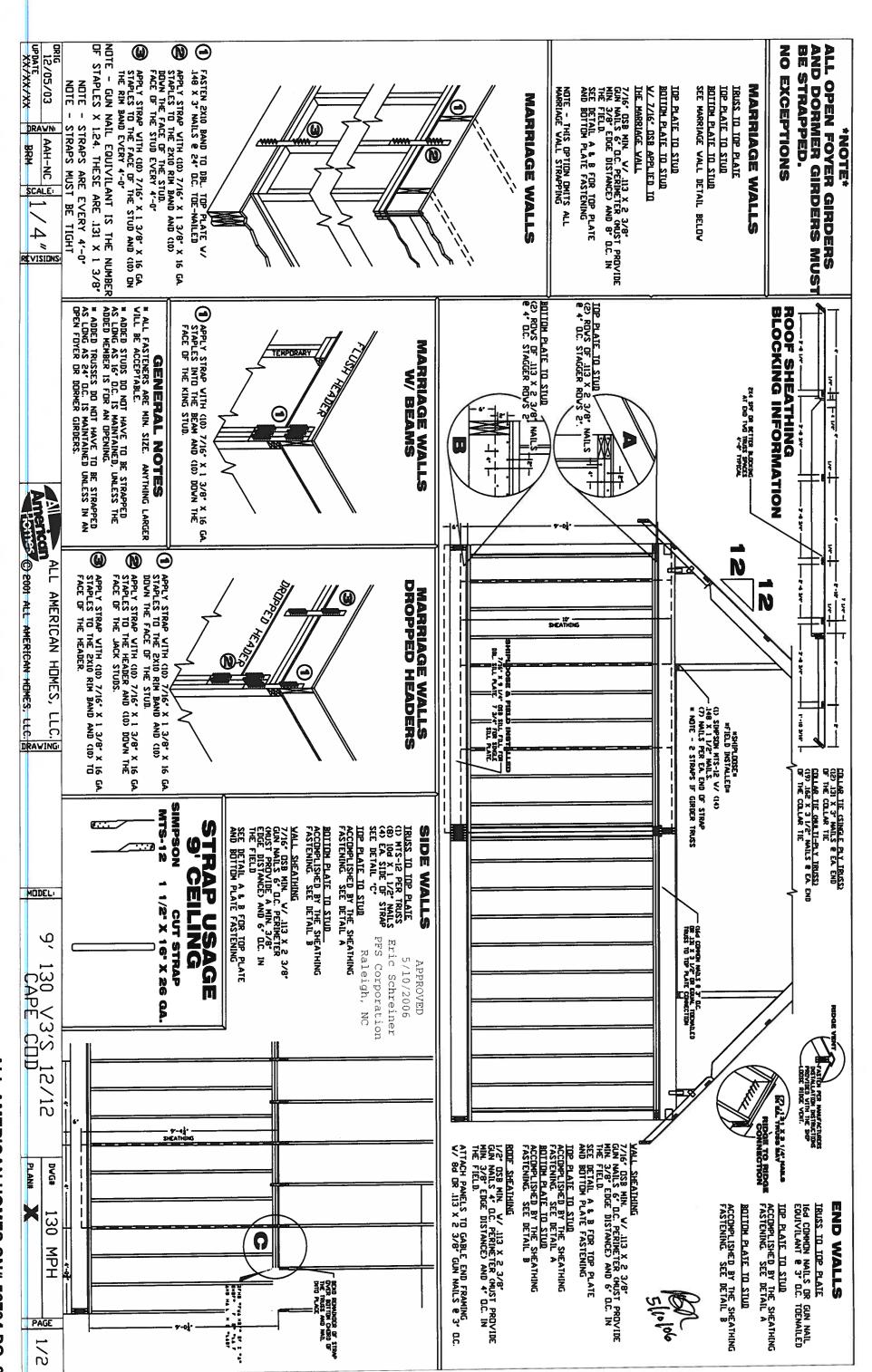
Raleigh, NC

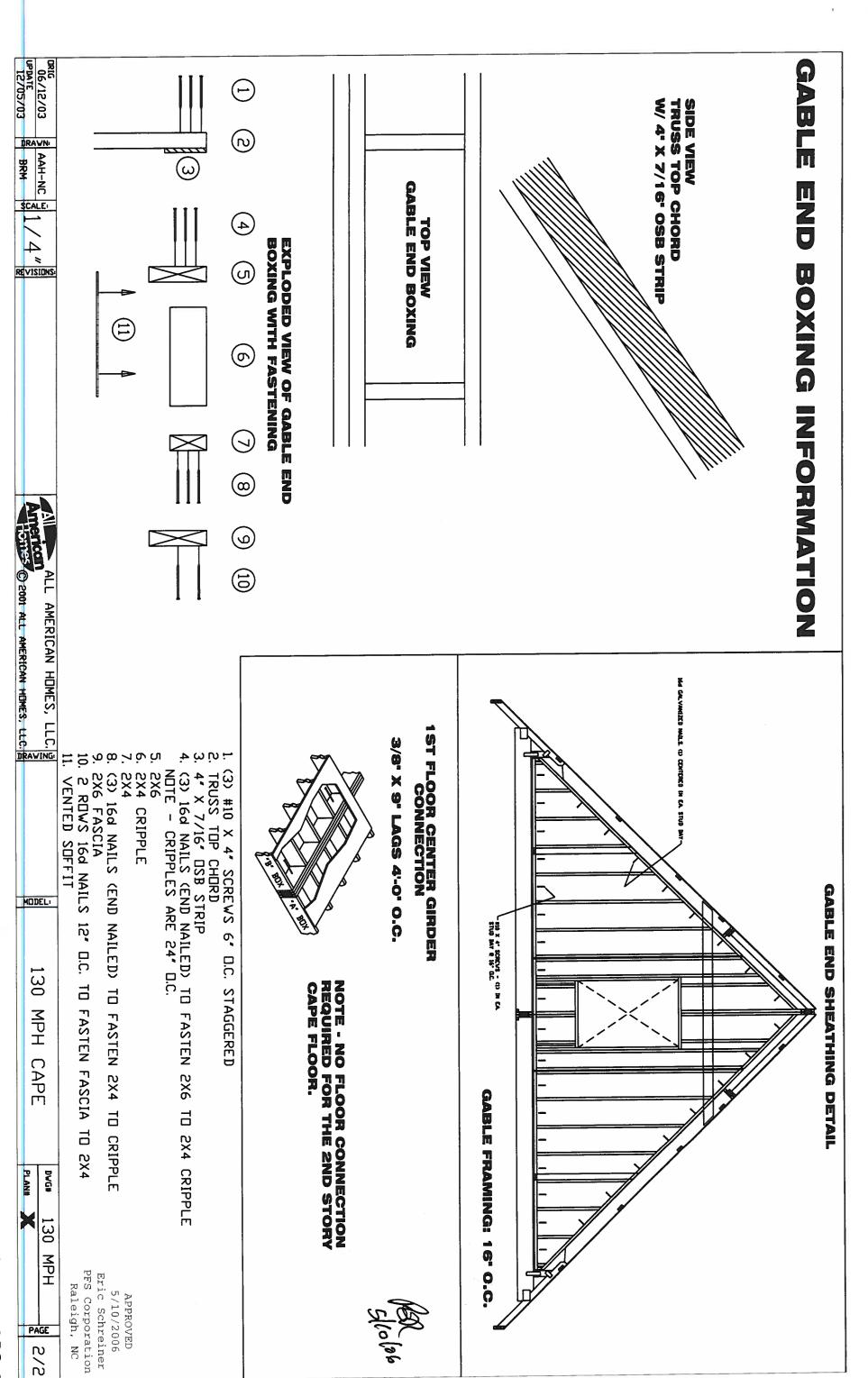
Eric Schreiner

5/10/2006 APPROVED

FIELD

WORK





Project Name:

Address:

56784 WC 2456 3 2 SB EU

EnergyGauge® 4.1

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Builder:

(	ity, State: LIVE OAK, FL  wner: limate Zone: North	Permitting Office: Permit Number: Jurisdiction Number:	
9. 10. a b c 11. a	Single family or multi-family  Number of units, if multi-family  Number of Bedrooms  Is this a worst case?  Conditioned floor area (ft²)  Glass type l and area: (Label reqd. by 13-104.4.5 if not default)  a. U-factor:  (or Single or Double DEFAULT)  b. SHGC:  (or Clear or Tint DEFAULT)  Single family  1  Area  Description  Area  (or Clear) 118.0 ft²	12. Cooling systems a. Central Unit b. N/A c. N/A  13. Heating systems a. Electric Heat Pump b. N/A c. N/A  14. Hot water systems a. Electric Resistance 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)	Cap: 25.0 kBtu/hr SEER: 12.00  Cap: 25.0 kBtu/hr HSPF: 6.60  Cap: 50.0 gallons EF: 0.90  Cap: 50.0 gallons
	Glass/Floor Area: 0.08 Total as-built po		
he his	reby certify that the plans and specifications covered by calculation are in compliance with the Florida Energy	Review of the plans and specifications covered by this	OF THE STATE

≥ Code. PREPARED BY: Predominant glass type. For act School 26 hereby certify that this building, as designed, is in compliance

calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



**BUILDING OFFICIAL:** DATE:

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

EnergyGauge® (Version: FLRCPB v4.1)

EnergyGauge® 4.1

# **SUMMER CALCULATIONS**

# Residential Whole Building Performance Method A - Details

ADDRESS: , LIVE OAK, FL,

PERMIT #:

	BASE					AS-	BU	ILT					-
GLASS TYPES .18 X Condition Floor A	ned X B	SPM = F	Points	Type/SC	Ove Ornt	rhang Len		Area 2	X SI		× s	OF	= Points
.18 1440	.0	20.04	5194.4	Double,U=0.32,Clear	Е	0.0	0.0	81.0	44	1.96	1	1.00	3641.4
				Double,U=0.32,Clear	W	0.0	0.0	16.5	41	1.48	1	1.00	684.5
				Double,U=0.32,Clear	W	0.0	0.0	7.0	41	.48	1	00.1	290.4
				Double,U=0.32,Clear	W	0.0	0.0	13.5	41	.48	1	00.1	560.0
	<u> </u>			As-Built Total:				118.0		_			5176.3
WALL TYPES	Area X	BSPM	= Points	Туре		R-	Value	e Are	a >	SF	PM	=	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	50000		19.0	1419.0	102.00	0.9	0		1277.1
Exterior	1419.0	1.70	2412.3										,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Base Total:	1419.0		2412.3	As-Built Total:				1419.0					1277.1
DOOR TYPES	Area X	BSPM	= Points	Туре				Are	a X	SF	M	=	Points
Adjacent	0.0	0.00	0.0	Exterior Insulated				20.0		4.1	0	-	82.0
Exterior	38.0	4.10	155.8	Exterior Insulated				18.0		4.1	_		73.8
Base Total:	38.0		155.8	As-Built Total:				38.0					155.8
CEILING TYPES	Area X	BSPM :	= Points	Туре	F	R-Valu	e A	vea X	SPN	1 X S	CM	=	Points
Jnder Attic	1440.0	1.73	2491.2	Under Attic		3	0.0	1440.0	1.73	X 1.0	)		2491.2
Base Total:	1440.0		2491.2	As-Built Total:				1440.0					2491.2
LOOR TYPES	Area X	BSPM =	= Points	Туре		R-\	/alue	Area	a X	SP	M	=	Points
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall		-	0.0	1440.0		-4.70	)		-6768.0
Raised	1440.0	-3.99	-5745.6										ı
Base Total:			-5745.6	As-Built Total:				1440.0					-6768.0
NFILTRATION	Area X	BSPM =	Points					Area	X	SPI	M	=	Points
	1440.0	10.21	14702.4								1		



EnergyGauge® DCA Form 600A-2004

EnergyGauge®/FlaRES'2004 FLRCPB v4.1

EnergyGauge® 4.1

# **SUMMER CALCULATIONS**

# Residential Whole Building Performance Method A - Details

ADDRESS: , LIVE OAK, FL,

PERMIT #:

	BASE		AS-BUILT				
Summer Ba	se Points: 19	9210.5	Summer As-Built Points:	17034.8			
Total Summer Points	X System = Multiplier	Cooling Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	= Cooling Points			
19210.5	0.4266	8195.2	(sys 1: Central Unit 25000 btuh ,SEER/EFF(12.0) Ducts:Unc(S),Con(R),Out(AH),R6.0 17035 1.00 (1.08 x 1.147 x 1.02) 0.284 1.000 17034.8 1.00 1.265 0.284 1.000	(INS) 6127.5 <b>6127.5</b>			



EnergyGauge® 4.1

# WINTER CALCULATIONS

# Residential Whole Building Performance Method A - Details

ADDRESS: , LIVE OAK, FL,

PERMIT #:

	BAS	E				AS-	BU	ILT				
GLASS TYPE .18 X Condit Floor	ioned X I	BWPM =	= Points	Type/SC	Ove Ornt	erhang			< w	PM X	wo	F = Poin
.18 144	60.0	12.74	3302.2	Double,U=0.32,Clear Double,U=0.32,Clear Double,U=0.32,Clear Double,U=0.32,Clear	E W W	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	81.0 16.5 7.0 13.5	2 4	2.39 I.15 I.15	1.00 1.00 1.00 1.00	193.9 68.9 29.7 56.1
				As-Built Total:				118.0				347.2
WALL TYPES	Area >	X BWPM	l = Points	Туре		R-\	/alue	Area	aХ	WPM	=	Points
Adjacent Exterior	0.0 1419.0	0.00 3.70	0.0 5250.3	Frame, Wood, Exterior		1	19.0	1419.0		2.20		3121.8
Base Total:	1419.0		5250.3	As-Built Total:				1419.0	_			3121.8
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	X	WPM	=	Points
Adjacent Exterior	0.0 38.0	0.00 8.40	0.0 319.2	Exterior Insulated Exterior Insulated				20.0 18.0		8.40 8.40		168.0 151.2
Base Total:	38.0		319.2	As-Built Total:				38.0				319.2
CEILING TYPE	S Area X	BWPM	= Points	Туре	R-\	<b>Value</b>	Are	a X W	PM	X WCI	VI =	Points
Under Attic	1440.0	2.05	2952.0	Under Attic		30	0.0	1440.0	2.05 )	X 1.00	<del>-</del>	2952.0
Base Total:	1440.0		2952.0	As-Built Total:			1	1440.0				2952.0
FLOOR TYPES		BWPM	= Points	Туре		R-V	alue	Area	X	WPM	=	Points
Slab Raised	0.0(p) 1440.0	0.0 0.96	0.0 1382.4	Raised Wood, Stem Wali		O	).0 1	1440.0		3.50		5040.0
Base Total:			1382,4	As-Built Total:			1	440.0		- <del></del>		5040.0
NFILTRATION	Агеа Х	BWPM	= Points					Агеа	X '	WPM	=	Points
	1440.0	-0.59	-849.6					1440.0		-0.59	727	-849.6
												18/2 5/10/06

EnergyGauge® 4.1

# WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , LIVE OAK, FL, PERMIT #:

	BASE		AS-BUILT					
Winter Base	Points:	12356.5	Winter As-Built Points: 10930.6					
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)					
12356.5	0.6274	7752.5	(sys 1: Electric Heat Pump 25000 btuh ,EFF(6.6) Ducts:Unc(S),Con(R),Out(AH),R6.0 10930.6 1.000 (1.060 x 1.169 x 1.07) 0.517 1.000 7487.9 10930.6 1.00 1.326 0.517 1.000 7487.9					



EnergyGauge® 4.1

# WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , LIVE OAK, FL,

PERMIT #:

	BASE				AS-BUILT							
WATER HEAT Number of Bedrooms	ING X Multiplier	= Total	Tank Volume	EF	Number of Bedrooms		nk X	Multiplier	X Credit : Multiplier			
3	2635.00	7905.0	50.0	0.90	3	1.	00	2693.56	1.00	8080.7		
			As-Built To	tal:						8080.7		

	CODE COMPLIANCE STATUS										
	BASE					AS-BUILT					
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
8195	7752	7905	23853	6127		7488		8081		21696	

PASS





EnergyGauge® 4.1

# **Code Compliance Checklist**

# Residential Whole Building Performance Method A - Details

ADDRESS: , LIVE OAK, FL, PERMIT #:

### 6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall;	
		foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility	1
		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.	
Vulti-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	Ceillings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides.	
		Common ceiling & floors R-11.	



ALL AMERICAN HOMES SN# 56784 PG. 32

# **ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD**

### ESTIMATED ENERGY PERFORMANCE SCORE\* = 85.6

The higher the score, the more efficient the home.

LIVE ONE E

		, , L	IVE OAK	, FL,		
2 3 4 5 6 7 8.	Number of units, if multi-family Number of Bedrooms Is this a worst case? Conditioned floor area (ft²) Glass type l and area: (Label reqd. b a. U-factor: (or Single or Double DEFAULT) b. SHGC: (or Clear or Tint DEFAULT) Floor types a. Raised Wood, Stem Wall b. N/A c. N/A	Description Area	8 13 13 2 14 14 15 15 15 16 16 16 17 17 18.	Cooling systems a. Central Unit b. N/A  N/A  Heating systems Electric Heat Pump  N/A  N/A  Hot water systems Electric Resistance  N/A  Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) HVAC credits (CF-Ceiling fan, CV-Cross ventilation HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	Cap: 25.0 kBtu/hr SEER: 12.00  Cap: 25.0 kBtu/hr HSPF: 6.60  Cap: 50.0 gallons EF: 0.90	
Co in ba Bu Ad	certify that this home has complied construction through the above energines this home before final inspection; sed on installed Code compliant few filder Signature:  Iddress of New Home:  OTE: The home's estimated energy	gy saving features which otherwise a new EPL Deatures	will be ins isplay Card Date: City/FL Zipunly availab	talled (or exceeded) I will be completed	OF THE STATE OF TH	
Th	is is not a Ruilding Engrow Pating	If your goons is 90 as an		CC TIGHT UDON TO	TM	

Address of New Home:

City/FL Zip:

\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program of this is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar design your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Contact the Energy Gauge Holline 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.

I Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
Energy Gauge® (Version: FLRCPB v4.1)

Energy Gauge® (Version: FLRCPB v4.1) 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. information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building

# Residential System Sizing Calculation

Summary
Project Title:
56784 WC 2456 3 2 SB EU

Code Only

Climate: North

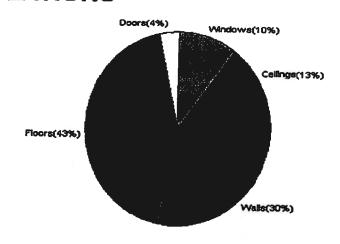
Professional Version

LIVE OAK, FL

Location for weather data: Tellah		<i>f</i> 11 1 1		4/26/2006	
Humidity data: Interior PU (509)	assee - De	eraults: Lat	itude(30) Altitude(55 ft.) Temp Rang	e(M)	
Humidity data: Interior RH (50%					
Winter design temperature	28	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint		*
Winter temperature difference	42	F		75	•
Total heating load calculation	15349		Summer temperature difference	18	F
Submitted heating some sit			Total cooling load calculation	12374	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	
Total (Electric Heat Pump)	162.9	25000	Sensible (SHR = 0.75)		
Heat Pump + Auxiliary(0.0kW)		25000	Latent		18750
, , , , , , , , , , , , , , , , , , , ,	102.9	20000	1	9.626E311	6250
			Total (Electric Heat Pump)	202.0	25000

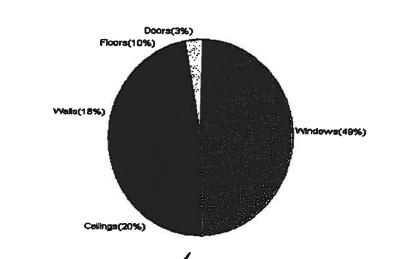
## **WINTER CALCULATIONS**

	Winter Heating Load (fo	r 1440 sqft	)		
	Load component			Load	
	Window total	118	sqft	1586	Btuh
П	Vall total	1419	sqft	4605	Btuh
П	Poor total	38	sqft	559	Btuh
K	Ceiling total	1440	sqft	1926	Btuh
jf	loor total	1440	sqft	6673	Btuh
I	nfiltration	0	cfm	0	Btuh
¢	Duct loss		J	0	Btuh
\$	Subtotal			15349	Btuh
١	/entilation	0	cfm	0	Btuh
	OTAL HEAT LOSS			15349	Btuh



## **SUMMER CALCULATIONS**

Summer Cooling Load (for	1440 sc	ıft)	· · · · · · · · · · · · · · · · · · ·	
Load component			Load	
Window total	118	sqft	6099	Btuh
Wall total	1419	sqft	2237	Btuh
Door total	38	sqft	386	Btuh
Ceiling total	1440	sqft	2431	Btuh
Floor total			1222	Btuh
Infiltration	0	cfm	0	Btuh
Internal gain			0	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			12374	Btuh
Latent gain(ducts)		ı	0	Btuh
Latent gain(infiltration)		[	0	Btuh
Latent gain(ventilation)	0	Btuh		
Latent gain(internal/occupar	0	Btuh		
Total latent gain	0	Btuh		
TOTAL HEAT GAIN			12374	Btuh



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For Florida residences only

EnergyGauge® FLRCPB v4.1

# **System Sizing Calculations - Winter**

# Residential Load - Whole House Component Details

**Project Title:** 56784 WC 2456 3 2 SB EU

**Code Only Professional Version** Climate: North

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 42.0 F This calculation is for Worst Case. The house has been rotated 315 degrees.

4/26/2006

### Component Loads for Whole House

LIVE OAK, FL

1000-0-	15 /01/02/5				and the second of the Second State of
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.32	NW	81.0	13.4	1089 Btuh
2 3	2, Clear, Metal, 0.32	SE	16.5	13.4	222 Btuh
	2, Clear, Metal, 0.32	SE	7.0	13.4	94 Btuh
4	2, Clear, Metal, 0.32	SE	13.5	13.4	181 Btuh
	Window Total		118(sqft)	)	1586 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.08)	19.0	1419	3.2	4605 Btuh
	Wall Total		1419		4605 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Exterior		18	14.7	265 Btuh
2	Insulated - Exterior		20	14.7	294 Btuh
	Door Total		38		559Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1440	1.3	1926 Btuh
	Ceiling Total		1440		1926Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Raised Wood - Stem Wall	0	1440.0 sqf	t 4.6	6673 Btuh
	Floor Total		1440		6673 Btuh
		Z	one Envelope	Subtotal:	15349 Btuh
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.00	12960	0.0	0 Btuh
Ductload	, R6.0, Supply(), Return()			(DLM of 0.00)	0 Btuh
Zone #1		15349 Btuh			

# WHOLE HOUSE TOTALS Subtotal Sensible 15349 Btuh

Ventilation Sensible

**Total Btuh Loss** 

0 Btuh

15349 Btuh

# **Manual J Winter Calculations**

Residential Load - Component Details (continued)
Project Title: Cod

56784 WC 2456 3 2 SB EU

LIVE OAK, FL

**Code Only Professional Version** Climate: North

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear of (Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

# **System Sizing Calculations - Winter**

# Residential Load - Room by Room Component Details Project Title: Code C

Code Only

LIVE OAK, FL

56784 WC 2456 3 2 SB EU

**Professional Version** Climate: North

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 42.0 F This calculation is for Worst Case. The house has been rotated 315 degrees.

4/26/2006

Component Loads for Zone #1: Main

					arren eta arren arren trabandean eta
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1		NW	81.0	13,4	1089 Btuh
		SE	16.5	13.4	222 Btuh
		SE	7.0		94 Btuh
4		SE	13.5		181 Btuh
			118(saft		1586 Btuh
Walls		R-Value	Area X	HTM=	Load
1		19.0	1419	3.2	4605 Btuh
			1419		4605 Btuh
Doors			Area X	HTM=	Load
1			18	14.7	265 Btuh
2	•		20	14.7	294 Btuh
0-111			38		559Btuh
Cellings			Area X	HTM=	Load
7		30.0		1.3	1926 Btuh
Floors	1700 March 1900 March		The same of the sa		1926Btuh
rioors					Load
		0	1440.0 sqf	t 4.6	6673 Btuh
	Floor Total		1440		6673 Btuh
		Z	one Envelope	Subtotal:	15349 Btuh
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.00	12960	0.0	0 Btuh
Ductload	, R6.0, Supply(), Return()			(DLM of 0.00)	0 Btuh
Zone #1		15349 Btuh			
	Walls 1 Doors 1 2 Ceilings 1 Floors 1 Infiltration	1 2, Clear, Metal, 0.32 2 2, Clear, Metal, 0.32 3 2, Clear, Metal, 0.32 4 2, Clear, Metal, 0.32 Window Total  Walls Type 1 Frame - Wood - Ext(0.08) Wall Total  Doors Type 1 Insulated - Exterior Insulated - Exterior Door Total  Ceilings Type/Color/Surface Vented Attic/D/Shin) Ceiling Total  Floors Type Raised Wood - Stem Wall Floor Total  Infiltration Type Natural  Ductload , R6.0, Supply(), Return()	1	1	Window         Panes/SHGC/Frame/U         Orientation         Area(sqft) X         HTM=           1         2, Clear, Metal, 0.32         NW         81.0         13.4           2         2, Clear, Metal, 0.32         SE         16.5         13.4           3         2, Clear, Metal, 0.32         SE         7.0         13.4           4         2, Clear, Metal, 0.32         SE         13.5         13.4           Walls         Type         R-Value         Area X         HTM=           1         Frame - Wood - Ext(0.08)         19.0         1419         3.2           Wall Total         19.0         1419         3.2           Wall Total         19.0         1419         3.2           Wall Total         18         14.7           1         Insulated - Exterior         18         14.7           2         Insulated - Exterior         20         14.7           3         Type/Color/Surface         R-Value         Area X         HTM=           4         Vented Attic/D/Shin)         30.0         1440         1.3           Ceiling Total         R-Value         Size X         HTM=           Raised Wood - Stem Wall         0         1440

Subtotal Sensible	15349 Btuh

Ventilation Sensible 0 Btuh **Total Btuh Loss** 15349 Btuh

# **Manual J Winter Calculations**

Residential Load - Component Details (continued)

**Project Title:** 56784 WC 2456 3 2 SB EU

LIVE OAK, FL

**Code Only Professional Version** Climate: North

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear of (Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default) (HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

# **System Sizing Calculations - Summer**

# Residential Load - Whole House Component Details

Project Title: 56784 WC 2456 3 2 SB EU

Code Only Professional Version

Climate: North

LIVE OAK, FL

4/26/2006

Reference City: Tallahassee (Defaults) Summer Temperature Difference: 18.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

### **Component Loads for Whole House**

1244	Type*		Over	hang	Wine	dow Area	e(sqft)	1	ITM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross		Unshaded	Shaded	Unshaded		
1	2, Clear, 0.32, None,N,N	NW	Oft.	Oft.	81.0	0.0	81.0	20	51	4106	Btul
2	2, Clear, 0.32, None,N,N	SE	Oft.	Oft.	16.5	0.0	16.5	20	54	889	
3	2, Clear, 0.32, None,N,N	SE	Oft.	Oft.	7.0	0.0	7.0	20	54	377	
4	2, Clear, 0.32, None,N,N	SE	Oft.	Oft.	13.5	0.0	13.5	20	54	727	
204 10	Window Total			]	118 (	sqft)				6099	Btul
Walls	Туре		R-Va	alue/U	-Value	Area	sqft)		НТМ	Load	
1	Frame - Wood - Ext			19.0/0	0.08	141	9.0		1.6	2237	Rhub
	Wall Total					141	9 (sqft)			2237	
Doors	Туре					Area			HTM	Load	Diui
1	Insulated - Exterior					18			10.1		<b>D4</b> 1
2	Insulated - Exterior					20.			10.1	183 203	Btuh Btuh
	Door Total						3 (sqft)		10.1	386	
Ceilings	Type/Color/Surface		R-Va	lue		Area(			НТМ		Dlur
1	Vented Attic/DarkShingle			30.0		1440	• •			Load	_
•	Ceiling Total			30.0			-		1.7		
Floors	Type		R-Va	luc			(sqft)			2431	Btuh
1	, -,		n-va			Siz			HTM	Load	
•	Raised Wood - Stem Wall			0.0			0 (sqft)		0.8	1222	Btuh
	Floor Total					1440.0	(sqft)	<u> </u>		1222	Btuh
						Zo	ne Enve	lope Su	btotal:	12374	Btuh
filtration	Туре		A	CH		Volume	(cuft)		CFM=	Load	
	SensibleNatural			0.00		1296	` '		0.0		Btuh
Internal		C	ccupa	ants	E	Stuh/occ	upant	A	ppliance	Load	
gain			,	0	Х		•		0		Btur
uct load	, R6.0, Supply(), Return()							DGM =	0.00		Btuh
							Sensible	e Zone	Load	12374 B	



# **Manual J Summer Calculations**

Residential Load - Component Details (continued)
Project Title: Cod

56784 WC 2456 3 2 SB EU

Code Only **Professional Version** Climate: North

4/26/2006

LIVE OAK, FL

### WHOLE HOUSE TOTALS

	<u> </u>		
	Sensible Envelope Load All Zones	12374	Btuh
	Sensible Duct Load	0	Btuh
	Total Sensible Zone Loads	12374	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	12374	Btuh
Totals for Cooling	Latent infiltration gain (for 46 gr. humidity difference)	0	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (0 people @ 200 Btuh per person)	0	Btuh
	Latent other gain	0	Btuh
	Latent total gain	0	Btuh
	TOTAL GAIN	12374	Btuh

\*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only



# **System Sizing Calculations - Summer**

Residential Load - Room by Room Component Details
Project Title: Code C

56784 WC 2456 3 2 SB EU

Code Only

Professional Version Climate: North

LIVE OAK, FL

Reference City: Tallahassee (Defaults) Summer Temperature Differenc This calculation is for Worst Case. The house has been rotated 315 degrees. Summer Temperature Difference: 18.0 F

4/26/2006

Component Loads for Zone #1: Main

	Type*		Over	hang	Wind	dow Area	a(sqft)	F	ITM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross				Unshaded	2000	
1	2, Clear, 0.32, None,N,N	NW	Oft.	Oft.	81.0	0.0	81.0	20	51	4106	Btul
2	2, Clear, 0.32, None,N,N	SE	Oft.	Oft.	16.5	0.0	16.5	20	54	889	
3	2, Clear, 0.32, None,N,N	SE	Oft.	Oft.	7.0	0.0	7.0	20	54	377	
4	2, Clear, 0.32, None,N,N	SE	Oft.	Oft.	13.5	0.0	13.5	20	54	727	Btul
	Window Total				118 (	sqft)				6099	Btul
Walls	Type		R-Va	alue/U	-Value	Area	sqft)		HTM	Load	
1	Frame - Wood - Ext			19.0/0	0.08	141	9.0		1.6	2237	Btut
	Wall Total					141	9 (sqft)			2237	
Doors	Туре					Area			НТМ	Load	Dia
1	Insulated - Exterior					18			10.1	183	Btul
2	Insulated - Exterior					20			10.1		Btur
	Door Total						8 (sqft)				Btur
Ceilings	Type/Color/Surface	<u> </u>	R-Va	lue		Area(			HTM	Load	Diui
1	Vented Attic/DarkShingle			30.0		1440			1.7	2431	D4L
	Ceiling Total			00.0			) (sqft)		1.7	2431	
Floors	Type		R-Va	lue	<del>- 100 - 100</del>	Siz			HTM	Load	Diui
1	Raised Wood - Stem Wall			0.0			0 (sqft)		0.8	1222	Dhah
	Floor Total						) (sqft)		0.0	1222	
							ne Enve	lope Su	btotal:	12374	
filtration	Туре		A	CH		Volume	(cuft)	····	CFM=	Load	···•
	SensibleNatural			0.00		1296	30		0.0		Btuh
Internal		Ç	ccupa	ants	- [	Stuh/occ	cupant	A	ppliance	Load	
gain				0	>	230	+		0	0	Btul
uct load	, R6.0, Supply(), Return()							DGM =	0.00		Btul
							Sensibl	e Zone	Load	12374 E	Stuh



# **Manual J Summer Calculations**

Residential Load - Component Details (continued)

Project Title:

56784 WC 2456 3 2 SB EU

Code Only **Professional Version** Climate: North

4/26/2006

### WHOLE HOUSE TOTALS

LIVE OAK, FL

			A 081 - 30, 30
	Sensible Envelope Load All Zones Sensible Duct Load Total Sensible Zone Loads	0	
	Sensible ventilation	0	Btuh Btuh
Whole House	Blower  Total sensible gain	1	Btuh
Totals for Cooling	Latent infiltration gain (for 46 gr. humidity difference)	<b>12374</b> 0	Btuh Btuh
	Latent ventilation gain  Latent duct gain	0	
	Latent occupant gain (0 people @ 200 Btuh per person)		Btuh Btuh
	Latent other gain	0	Btuh
	Latent total gain TOTAL GAIN	0 12374	Btuh

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

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

# **Residential Window Diversity**

## MidSummer

**Project Title:** 56784 WC 2456 3 2 SB EU

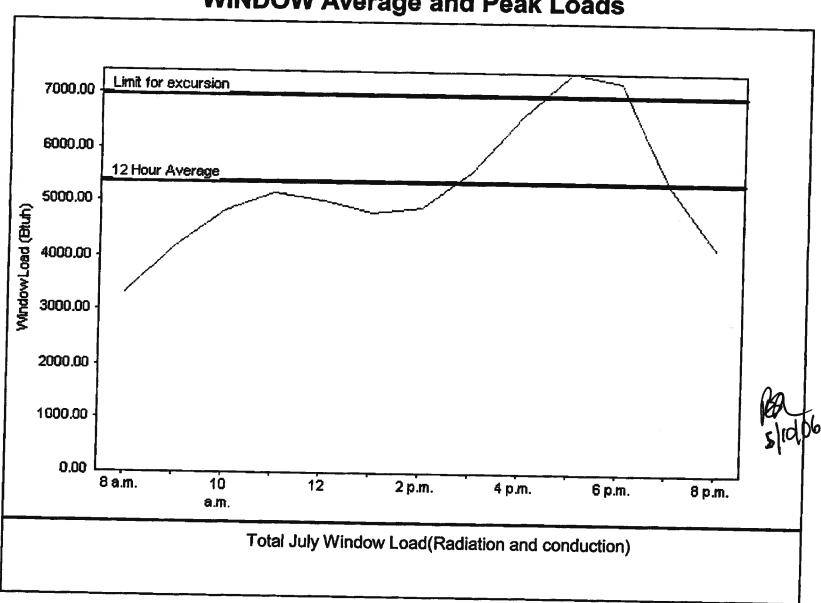
LIVE OAK, FL

Code Only Professional Version Climate: North

4/26/2006

Weather data for: Tallahassee - De	faults		
Summer design temperature	93 F	Average window load for July	5366 Btuh
Summer setpoint	75 F	Peak window load for July	7419 Btuh
Summer temperature difference	18 F	Excusion limit(130% of Ave.)	6976 Btuh
Latitude	30 North	Window excursion (July)	443 Btuh

## **WINDOW Average and Peak Loads**



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

> EnergyGauge® System cesidences only PREPARED BY:

> > EnergyGauge® FLRCPB v4.1



### **PRODUCT APPROVAL SCHEDULE**

Manufacturer:	All American Homes, LLC	Plan #	Willow Ridge Cape SN# 56784

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the manufactured building for which you are applying for PFS certification. We recommend that you contact your product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at <a href="https://www.floridabuilding.org">www.floridabuilding.org</a>.

Category	Manufacturer	Product Description	Approval #(s)
2.77			
<b>EXTERIOR DOORS</b>			
Swinging	Therma-Tru	Smooth Star Ext. Swinging Doors	FL1170-R1
Sliding	West Window Corp.	Premier Vinyl Sliding Glass Door	4933.1
Sectional	N/A		22.00
Roll-up	N/A		
Automatic	N/A		
Other	N/A		
WINDOWS			
Single Hung	West Window Corp.	West: Refer to cover	5410.1
Single Hung	Andersen	Page for wind speed	
Horizontal Slider	West Window Corp.	Design pressures	5408.2
Casement	West Window Corp.		4934.1
Casement	Andersen		1086.1-1086.6, 1154.1, 1154.2
Double Hung	West Window Corp.		5411.2,5411.1, 5055.1
Double Hung	Andersen		200)1091.1.1091.2.1155.1 (400)1091.3-1091.5
Fixed	West Window Corp.		5064.1,5413.1,.2
Fixed	Andersen		(200)1092.1,1156.1 (400)1092.2-1092.7,1156.2-11
Awning	N/A		
Pass-through	N/A		
Projected	N/A		
Mullion	West Window Corp.		5067.1
Wind Breaker	N/A		
Dual Action	N/A		
Other	N/A		
PANEL WALL			
Siding	Certainteed / Hardie	D-5 / Hardi-Plank	1573 / 889.4
Soffits	Certainteed	Vented Vinyl Soffit	1573
EIFS	N/A		
Storefronts	N/A		
Curtain Walls	N/A		
Wall Louver	N/A		
Glass Block	N/A		
Membrane	N/A		
Greenhouse			
Other			

## **PRODUCT APPROVAL INVENTORY SHEET**

Manufacturer: All American Homes. LLC Plan # Willow Ridge Cape SN# 56784

Category	Manufacturer	Product Description	Approval #(s)
ROOFING PRODUCTS			
Asphalt Shingles	Certainteed	Landmark 30 AR	250.6
Underlayments	Woodland Industries	Feit Underlayment	FL1814-R1
Roofing Fasteners	Senco		
Non-structural Metal	N/A		
Built-up Roofing	N/A		
Modified Bitumen	N/A		
Single Ply Roofing Sys.	N/A		
Roofing Tiles	N/A		
Roofing Insulation			
Waterproofing	N/A		
Wood Shingles / Shakes	N/A		
Roofing Slate	N/A		
Liquid Applied Roof Sys.	N/A		
Cements - Adhesives -			
Coatings	N/A		
Roof Tile Adhesive	N/A		
Spray Applied	N/A		
Polyurethane Roof	N/A		HOURS SHOW THE RESIDENCE OF THE PERSON OF TH
Other	N/A		
SHUTTERS			
Accordion	N/A		
Bahama	N/A		
Storm Panels	Plywood or Hurricane	shutters by builder	
Colonial	N/A		
Roll-up	N/A		
Equipment	N/A		
Others			
SKYLIGHTS			
Skylight	Andersen	Fiberglass/Wood skylight window	1101.1
Other		, , , , , , , , , , , , , , , , , , , ,	1 2520 25
STRUCTURAL			
COMPONENTS	3		
Wood Connector/Anchor	Simpson	Connectors	402,474,503,538,1218, 1423,1463,1725,1901, 2304,2355,2361,3746, 3750,3751
Truss Plates	Alpine	Hinge & Trulox Nail Plates	1999.1 &1999.5
Engineered Lumber	Timberstrand	LSL	1630.4
Railing	N/A		
Coolers & Freezers	N/A		
Concrete Admixtures	N/A		
Material Material	N/A		
	1 - 7		

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### **PRODUCT APPROVAL INVENTORY SHEET**

Manufacturer: All American Homes, LLC		Plan # Willow Ridge Cape SN# 56784	
Category	Manufacturer	<b>Product Description</b>	Approval #(s)
STRUCTURAL COMPONENTS (cont.)		1	
COMPONENTS (cont.) Insulation Forms	N/A	<u> </u>	
Plastics	N/A		
Deck & Roof			
Wall			
Sheds	N/A		
Others	N/A		
NEW EXTERIOR ENVELOPE PRODUCTS			
Home Wrap	DuPont	Tyvek Home Wrap	2145.2
			<u> </u>
at the manufacturing plant: (1) Copy of the product approval from the Local or State Building Commission, or supply all of the information listed on Form No. 9B-72.130(5). (2) Copy of the applicable manufacturers' installation requirements.  I understand these products may have to be removed if approval cannot be demonstrated during inspection.			
			····
Manufacturer's Authorized Ager	nt Signature	Printed Name	04/26/06 Date