For Office Use Only Application # 0711-10 Date Received 11/2 By JW Permit # 26400
Application Approved by - Zoning Official Date Plans Examiner OKTH Date // -07
Flood Zone Development Permit Zoning Land Use Plan Map Category
Comments
DE EH 17 NOC I Sown] # White Letta
Applicants Name John R Teele Phone 386-497-3360
Address 165 sw Blue Jas CT Fort white Fl 32039
Owners Name John R Teele Phone 386-497-3360
911 Address 6/29 SW CR 18 Foot white FL. 32038
Contractors Name Dwiter Builder Phone 386-497-3360
Address Cell 352-215-3999
Fee Simple Owner Name & Address
Bonding Co. Name & Address
Architect/Engineer Name & Address Marty J. Humpheies # 5/976 08-100 FC. 3207/
Mortgage Lenders Name & Address Millenium Bank Algana FL. 32615
Circle the correct power company - FL Power & Light - Clay Elec Suwannee Valley Elec. Progressive Energy
Property ID Number 14330 - 111 Estimated Cost of Construction 5130,000
Subdivision Name ForT White Manor Lot 16 Block Unit Phase
Driving Directions From 27 in Fort white Turn on To CR18
e3 mile on Left 6/29, CR 18 + Part Timers Ct.
Type of Construction 2X4 Single Family Number of Existing Dwellings on Property 1918
Total Acreage Lot Lot Size Lol Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 85 Side 42 Side 23 Rear 243
Total Building Height 2/ Number of Stories Heated Floor Area 1844 Roof Pitch 5/12
Application is hereby made to obtain a permit to do work and installations as indicated, I certify that no work or
installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF 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.
and Missel
Owner Builder or Agent (Including Contractor) Contractor Signature
STATE OF FLORIDA Contractors License Number Competency Card Number
COUNTY OF COLUMBIA NOTARY STAMP/SEAL
Sworn to (or affirmed) and subscribed before me this 1st day of 100 number 2007. Sully R Redding
Personally knownor Produced Identification Notary Signature
Notary Public State of Florida
Kelly R Redding My Commission DD524763
or RIO* Expires 03/02/2010

Town of Fort White

Post Office Box 129 Fort White, Florida 32038-0129

Town Hall - (386) 497-2321 • Public Works - (386) 497-3345 • Fax (386) 497-4946

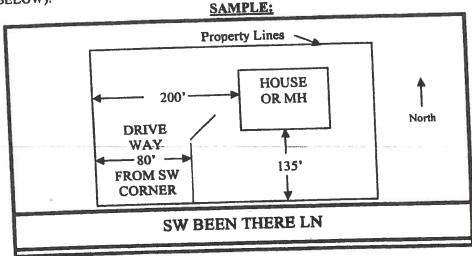
Email: townofftwhite@alltel.net • Web site: Townoffortwhitefl.com

CERTIFICATE OF COMPLIANCE & REQUEST FOR ISSUANCE OF BUILDING PERMIT

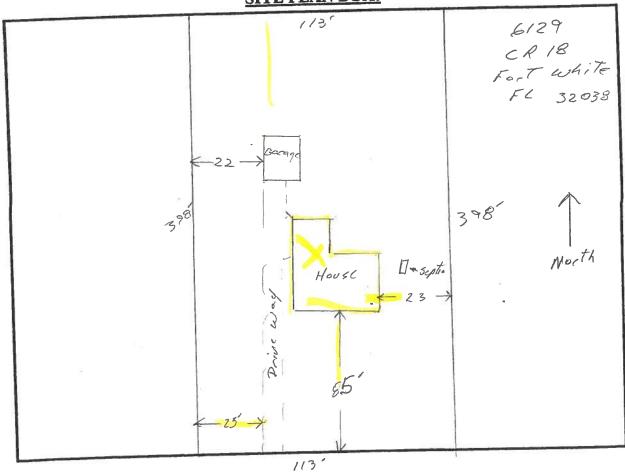
The undersigned hereby certify the following property is in compliance with the Town of Fort White's Comprehensive Plan and Land Development Regulations for the stated development purposes:

	FILE No
OWNER'S NAME:	John R. Teele
ADDRESS:	165 SW Bluejay Ct. Fort White, FL 32038
w/ narcal number	PRIPTION: 1.01 ac lot #16 Fort White Manor parcel #14330-111
DEVELOPMENT:	Single family dwelling RSF 1
	You are hereby authorized to issue the appropriate permits
11/01/07 DATE	LDR ADMINISTRATOR Town of Fort White

- 1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
- 2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
- 3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
- 4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).



SITE PLAN BOX:



n--- 2 of 7

Name:

KIM WATSON, an employee of

TITLE OFFICES, LLC

Address:

343 NW COLE TERRACE, SUITE 101

LAKE CITY, FLORIDA 32055 File No. 07Y-08063KW

Parcel I.D. #: 14330-111

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 28th day of September, A.D. 2007, by RANDY T. BORCHARDT,

A SINGLE PERSON, hereinafter called the grantor, to JOHN R. TEELE and KIMBERLY TEELE. HIS WIFE, whose post office address is P.O. BOX 176, FORT WHITE, FLORIDA 32038, hereinafter called the grantees:

(Wherever used herein the terms "grantor" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in Columbia County, State of Florida, viz:

Lot 16, FORT WHITE MANOR, according to the map or plat thereof as recorded in Plat Book 6, Page 30, of the Public Records of Columbia County, Florida.

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 grantees that he is lawfully seized of said land in fee simple; that he has good right and lawful authority to sell and convey said land, and 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, 2007.

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

STATE OF FLORIDA COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 28th day of September, 2007, by RANDY T. BORCHARDT, who is known to me or who has produced by Welling as identification.

Notary Public
My commission expires

MARTHA BRYAN Commission DD 675924

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: 3851007R Address: City, State: , FI Owner: Teele Res. Climate Zone: Central		Builder: Permitting Office: Permit Number: Jurisdiction Number:	Columbia 2Ce 400 221000	
1. New construction or existing 2. Single family or multi-family 3. Number of units, if multi-family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not deft a. U-factor: Description Area (or Single or Double DEFAULT) 7a. (Dble, U=0.6) 45.6 b. SHGC: (or Clear or Tint DEFAULT) 7b. (SHGC=0.70) 134.6 8. Floor types a. Slab-On-Grade Edge Insulation b. N/A c. N/A 9. Wall types a. Frame, Wood, Exterior b. N/A c. N/A d. N/A d. N/A e. N/A 10. Ceiling types a. Single Assembly b. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 196.	1	al Unit ag systems ac Heat Pump ater systems ac Resistance rvation credits feat recovery, Solar Dedicated heat pump)	Cap: 30.0 kBtu/hr SEER: 13.00 Cap: 30.0 kBtu/hr HSPF: 8.30 Cap: 40.0 gallons EF: 0.92	
Calass/Floor Area: U.1.1	us-built points: 217 Il base points: 222		S	

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

David R. Abood

PREPARED BY: New Commercial Building Rater
& Public Building Rater #753

DATE: 10/31/07 & Public Building Rates and F.B.C. 2006 Compliance

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

OWNER/AGENT:	
DATE:	

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



BUILDING OFFICIA	-:
DATE:	
· · · · · · · · · · · · · · · · · · ·	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI, PERMIT #:

	BASE					AS-I	BUI	LT				2
GLASS TYPES .18 X Condition Floor Are		SPM = I	Points	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	SPN	ı x s	SOF :	= Points
.18 1844.0)	24.35	8082.0	1.Double,U=0.61,SHGC=0.	N	6.0	6.0	45.0	29.46	2	0.72	959.0
1044.0	,	24.00	0002.0	2.Double,U=0.58,SHGC=0.	N	6.0	8.0	42.0	11.98		0.72	386.0
				3.Double,U=0.61,SHGC=0.	E	2.0	6.0	8.0	60.48		0.86	414.0
				4.Double,U=0.82,SHGC=0.	S	2.0	6.0	45.0	45.0		0.80	1623.0
				5.Double,U=0.61,SHGC=0.	S	8.0	6.0	12.0	45.94	1	0.53	292.0
				6.Double,U=0.58,SHGC=0.	S	10.0	8.0	21.0	20.22	2	0.54	227.0
				7.Double,U=0.61,SHGC=0.	W	2.0	6.0	24.0	54.73	3	0.86	1124.0
				As-Built Total:				197.0				5025.0
WALL TYPES	Area X	BSPM	= Points	Туре		R-\	/alue	Area	Х	SPM	=	Points
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior		1	3.0	1386.0		1.70		2356.2
Exterior	1386.0	1.90	2633.4									
Base Total:	1386.0		2633.4	As-Built Total:				1386.0				2356.2
DOOR TYPES	Area X	BSPM	= Points	Type				Area	Х	SPM	=	Points
Adjacent	0.0	0.00	0.0	1.Exterior Wood				21.0		7.20		151.2
Exterior	42.0	4.80	201.6	2.Exterior Wood				21.0		7.20		151.2
Base Total:	42.0		201.6	As-Built Total:				42.0				302.4
CEILING TYPES	Area X	BSPM	= Points	Туре		R-Value	e <i>/</i>	∖rea X S	SPM 2	x sc	M =	Points
Under Attic	1844.0	2.13	3927.7	1. Single Assembly		2	0.0	1844.0 6	.75 X	1.00		12439.1
Base Total:	1844.0		3927.7	As-Built Total:				1844.0				12439.1
FLOOR TYPES	Area X	BSPM	= Points	Туре		R-\	/alue	Area	Х	SPM	=	Points
Slab 19	92.0(p)	-31.8	-6105.6	1. Slab-On-Grade Edge Insu	lation		0.0	192.0(p	-3	1.90		-6124.8
Raised	0.0	0.00	0.0	-				**				
Base Total:			-6105.6	As-Built Total:				192.0				-6124.8
INFILTRATION	Area X	BSPM	= Points					Area	Х	SPM	=	Points
	1844.0	14.31	26387.6					1844.0		14.31		26387.6

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

•• • • • • • • • • • • • • • • • • • • •	
ADDRESS: , , FI,	PERMIT #:

	BASE		AS-BUILT				
Summer Ba	se Points: 3	5126.8	Summer As-Built Points:	0385.5			
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			
35126.8	0.3250	11416.2	(sys 1: Central Unit 30000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 40386 1.00 (1.09 x 1.150 x 0.90) 0.260 1.000 40385.5 1.00 1.125 0.260 1.000 1	11813.2 1813.2			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI, PERMIT #:

	BASE AS-BUILT											
GLASS TYPES .18 X Condition Floor Are		WPM =	Points	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	WP	M X	WOF	= Points
.18 1844.0	0	9.11	3024.0	1.Double,U=0.61,SHGC=0	N	6.0	6.0	45.0	7.6		0.99	342.0
				2.Double,U=0.58,SHGC=0	N	6.0	8.0	42.0	8.1	17	0.99	339.0
				3.Double,U=0.61,SHGC=0.	. Ε	2.0	6.0	8.0	5.4	19	1.03	45.0
				4.Double,U=0.82,SHGC=0.	S	2.0	6.0	45.0	5.8	35	1.11	293.0
				5.Double,U=0.61,SHGC=0	S	8.0	6.0	12.0	3.3	34	2.04	81.0
				6.Double,U=0.58,SHGC=0	S	10.0	8.0	21.0	5.9	96	2.01	252.0
				7.Double,U=0.61,SHGC=0.	W	2.0	6.0	24.0	6.2	22	1.02	152.0
				As-Built Total:				197.0				1504.0
WALL TYPES	Area X	BWPM	= Points	Туре		R-	Value	e Area	Х	WPN	=	Points
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	1386.0		1.80		2494.8
Exterior	1386.0	2.00	2772.0									
Base Total:	1386.0		2772.0	As-Built Total:				1386.0				2494.8
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	Х	WPN	=	Points
Adjacent	0.0	0.00	0.0	1.Exterior Wood				21.0		7.60		159.6
Exterior	42.0	5.10	214.2	2.Exterior Wood				21.0		7.60		159.6
		55						21.0		7.00		100.0
Base Total:	42.0		214.2	As-Built Total:				42.0				319.2
CEILING TYPES	Area X	BWPM	= Points	Туре	R	R-Value	e Ar	ea X W	PM.	x wc	M =	Points
Under Attic	1844.0	0.64	1180.2	1. Single Assembly			20.0	1844.0	0.60	(1.00	_	1111.7
Base Total:	1844.0		1180.2	As-Built Total:				1844.0				1111.7
FLOOR TYPES	Area X	BWPM	= Points	Туре		R-	Value	e Area	Х	WPM	=	Points
Slab 1	92.0(p)	-1.9	-364.8	1. Slab-On-Grade Edge Ins	ulation		0.0	192.0(p		2.50		480.0
Raised	0.0	0.00	0.0	_								
Base Total:			-364.8	As-Built Total:				192.0				480.0
INFILTRATION	Area X	BWPM	= Points					Area	Х	WPM	=	Points
	1844.0	-0.28	-516.3					1844.0)	-0.28		-516.3

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI,	PERMIT #:

	BASE		AS-BUILT	
Winter Base	Points:	6309.2	Winter As-Built Points:	5393.3
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Heating Points
6309.2	0.5540	3495.3	(sys 1: Electric Heat Pump 30000 btuh ,EFF(8.3) Ducts:Unc(S),Unc(R),Int(AH) 5393.3 1.000 (1.078 x 1.160 x 0.92) 0.411 1.000 5393.3 1.00 1.150 0.411 1.000	,R6.0 2551.4 2551.4

FORM 600A-2004R EnergyGauge® 4.5

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI, PERMIT #:

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

	CODE COMPLIANCE STATUS											
	BASE								AS	-BUILT		
Cooling Points						Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
11416	11416 3495 7380 22292 11813 2551 7380 21745							21745				

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , FI,	PERMIT#:
	T ZI (WITT II).

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;	
ŀ		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.	
1		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.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.2

The higher the score, the more efficient the home.

Т	PP	А	Res	2			F	ı	
ı			1 100	· .	1	1		١,	

4. 5. 6. 7. a. b. 8. a. b. c. d. e. 10. a. b. c. 11. a.	New construction or existing Single family or multi-family Number of units, if multi-family Number of Bedrooms Is this a worst case? Conditioned floor area (ft²) Glass type¹ and area: (Label reqd. It U-factor: (or Single or Double DEFAULT) SHGC: (or Clear or Tint DEFAULT) Floor types Slab-On-Grade Edge Insulation N/A N/A Wall types Frame, Wood, Exterior N/A N/A N/A N/A Ceiling types Single Assembly N/A N/A Ducts Sup: Unc. Ret: Unc. AH: Interior N/A	Description Area	a b c 13 a b c 14 a b c 15.	Cooling systems Central Unit 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: 30.0 kBtu/hr SEER: 13.00 Cap: 30.0 kBtu/hr HSPF: 8.30 Cap: 40.0 gallons EF: 0.92	
Consin the base Build	tify that this home has complies struction through the above end is home before final inspection d on installed Code compliant der Signature:	ergy saving features which Otherwise, a new EPL I features.	h will be in Display Car Date:	stalled (or exceeded)	COD WE TRUST	ALORIDA

*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 Mesignation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.5)

NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

Single Family DwellingFarm Outbuilding	() Two-Family Residence () Other
() New Construction	NEW CONSTRUCTION OR IMPROVEMENT () Addition, Alteration, Modification or other Improvement
exemption from contractor provided for in Florida Sta Columbia County Building	licensing as an owner/builder. I agree to comply with all requirements tutes ss.489.103(7) allowing this exception for the construction permitted by
Owner Builder Signature	Date Date
The above signer is person produced identification Notary Signature	Kelly R Redding My Commission DD524763
I hereby certify that the ab Statutes ss 489.103(7). Date	FOR BUILDING USE ONLY ove listed owner/builder has been notified of the disclosure statement in Florida Building Official/Representative

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787 PHONF: (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: 10/9/2007 DATE ISSUED: 10/10/2007

ENHANCED 9-1-1 ADDRESS:

6129 SW COUNTY ROAD 18

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

00-00-00-14330-111

Remarks:

PARENT PARCEL(LOT 16 FORT WHITE MANOR S/D.)

Address Issued By: 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.

986

Approved Address

OCT 1 0 7007

APPLICATION	STATE OF FLORIDA DEPARTMENT OF HEALTH FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTR	RUCTION PERMIT Number 07-079
	PART II - SITEPLAN	
Scale: 1 inch = 50 feet.		
	520PR 300	
	361 3c 12 7200 N	
	35 D 18 45 Q 42 D 23'	
	wm Zi ki ki	TCH
Notes:		
Site Plan submitted by:	pet of 1 - S	MASTER CONTRACTOR
Plan Approved By	Not Approved Columbia	Date lolala County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT





From: The Columbia County Building & Zoning Department

Plan Review

135 NE Hernando Av.

P.O. Box 1529

Lake City Florida 32056-1529

Reference to a building permit application Number: 0711-10

Application John R Teele, Owner /Builder John R Teele Property: ID# 34-6s-16-14330-111

On the date of November 6, 2007 application 0711-10 and plans for construction of a single family dwelling were reviewed. The following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0711-10 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Codes 2004 only and doesn't make any consideration toward the land use and zoning requirement

Two 2'X 5' windows are shown in the master bed room please verify that one
of these windows will comply with the requirements of the Florida Residential
Code section R310 emergency escape and rescue opening.

18+1 mess 150 11/1/07

(Over)



1. R310.1 Emergency escape and rescue required.

Basements with habitable space and every sleeping room shall have at least one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room, but shall not be required in adjoining areas of the basement. Where emergency escape and rescue openings are provided they shall have a sill height of not more than 44 inches (1118 mm) above the floor. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section 310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. Emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a window well in accordance with Section R310.2. The emergency escape and rescue opening shall be permitted to open into a screen enclosure, open to the atmosphere, where a screen door is provided leading away from the residence.

R310.1.1 Minimum opening area.

All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m2).

Exception: Grade floor openings shall have a minimum net clear opening of 5 square feet (0.465 m2).

R310.1.2 Minimum opening height.

The minimum net clear opening height shall be 24 inches (610 mm).

R310.1.3 Minimum opening width.

The minimum net clear opening width shall be 20 inches (508 mm).

R310.1.4 Operational constraints.

Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys or tools.

R310.2 Window wells.

The minimum horizontal area of the window well shall be 9 square feet (0.84 m2), with a minimum horizontal projection and width of 36 inches (914 mm). The area of the window well shall allow the emergency escape and rescue opening to be fully opened.

2. On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

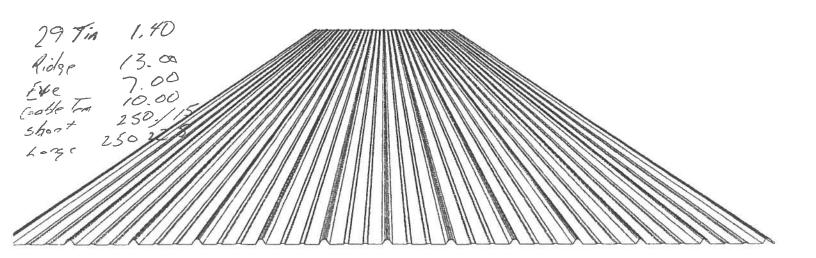
Thank You:

Joe Haltiwanger
Plan Examiner
Columbia County Building Department

Gulf Coast Supply & Mfg. Inc.

DETAIL MANUAL

and guide to Gulf Coast products



Tuff-Rib Roofing Panels & Accessories

Rt. 1 Box 112 • Horseshoe Beach, FL 32648 (352) 498-0778 • Toll Free (888) 393-0335 • FAX (352) 498-7852

Gulf Coast Supply & Mfg. Inc.

		Sci	rew (purli	n) Spacing	9
		12 inch	18 inch	24 inch	30 inch
order	50	270	180	135	108
o	100	540	360	270	216
panels in your	200	1080	720	540	432
X	300	1620	1080	810	648
S	400	2160	1440	1080	864
je je	500	2700	1800	1350	1080
par	600	3240	2160	1620	1296
ot	700	3780	2520	1890	1512
et	800	4320	2880	2160	1728
linear feet of	900	4860	3240	2430	1944
eal	1000	5400	3600	2700	2160
	1100	5940	3960	2970	2376
	1200	6480	4320	3240	2592

Figure 6 Tuff-rib panel screw calculation chart

Panel lap detail Lap Screw Apply sealant to lap overlap decking purlin-bearing leg

Figure 7 On low-pitched roofs butyl tape or caulk should be applied at the panel lap to keep water from overflowing the lap. Note that the underlap side of the panel has a short purlin-bearing leg that rests on the roof decking.

How to figure screws:

For 2-foot spacing between rows of screws, multiply the total linear feet of metal times 2.7

 $1250 \times 2.7 = 3375 \text{ screws}$ Example: your order is 1250 feet of Tuff-rib roofing.

See table above for other spacings, or contact your Gulf Coast representative for a free estimate. Gulf Coast Supply carries screws in 3 different lengths: 1 inch, 1½ inch, and 2½ inch. 1-inch screws

will barely penetrate a 1x4, but the 1½ inch are the best all-purpose size. 1½- or 2½-inch screws are necessary for attaching ridge caps.

If care is taken, metal roofing application can be aided by pre-drilling panels, allowing screws to go quickly and accurately into the desired spacing. Pre-drilling will work provided that pilot holes are placed accurately in the proper locations on panels. Purlin spacing must be uniform and carefully measured.

To apply metal roofing over existing shingles, we recommend first overlaying the shingles with properly attached 1x4 purlins. If pressure treated purlins are used, felt paper should be applied over them in strips to prevent chemical interaction with the roofing panels. For solid decking, at least 1/2-inch plywood or its equivalent is required. For minimum penetration (such as might be desired over porches), 1-inch screws are recommended.

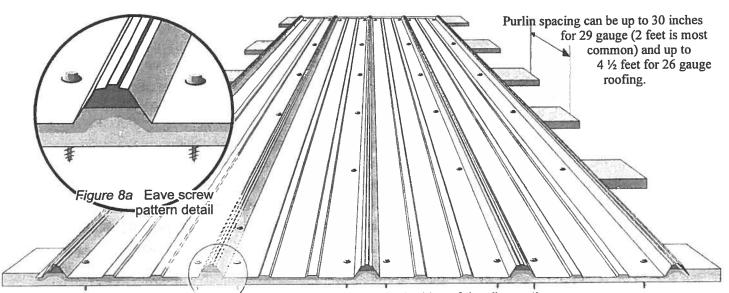
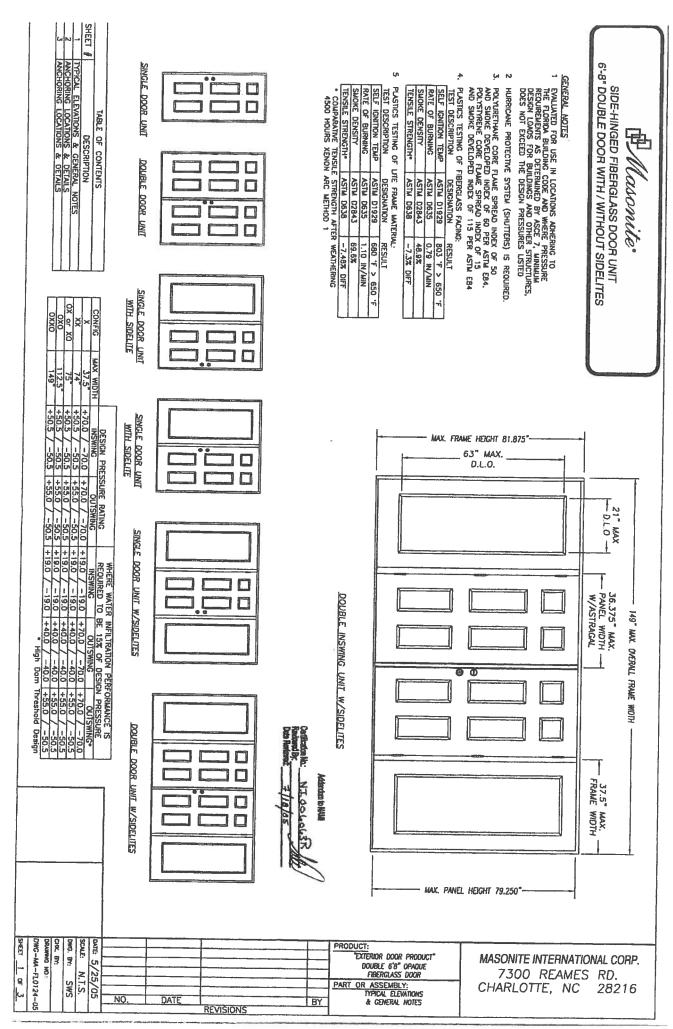
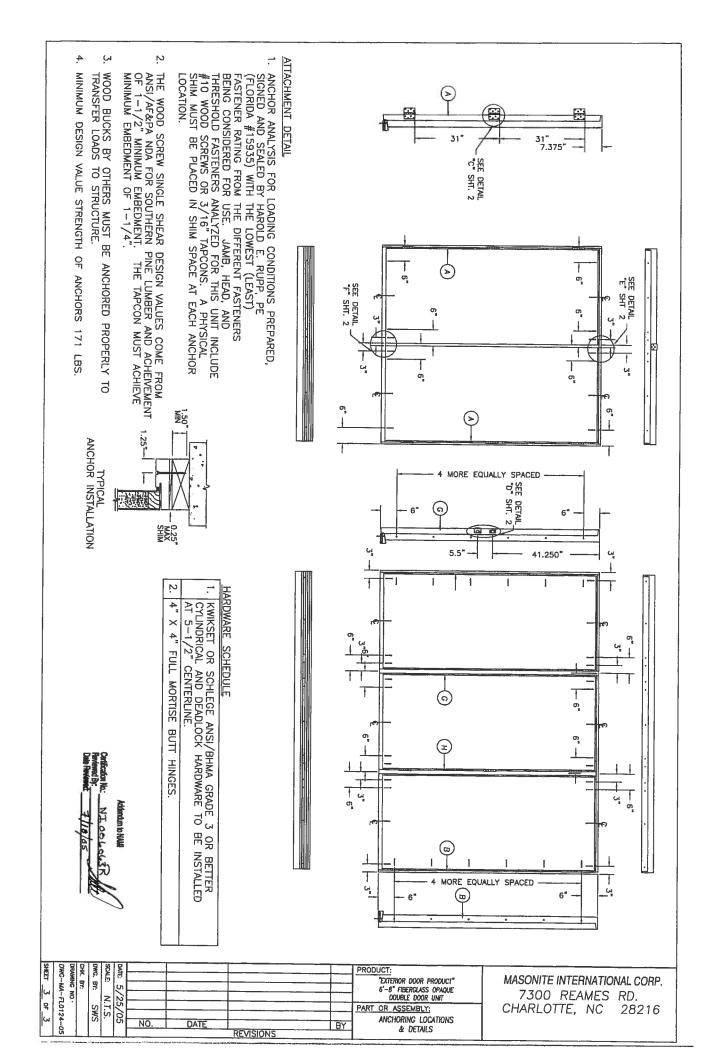


Figure 8 Screws should be placed on both sides of the ribs on the eave





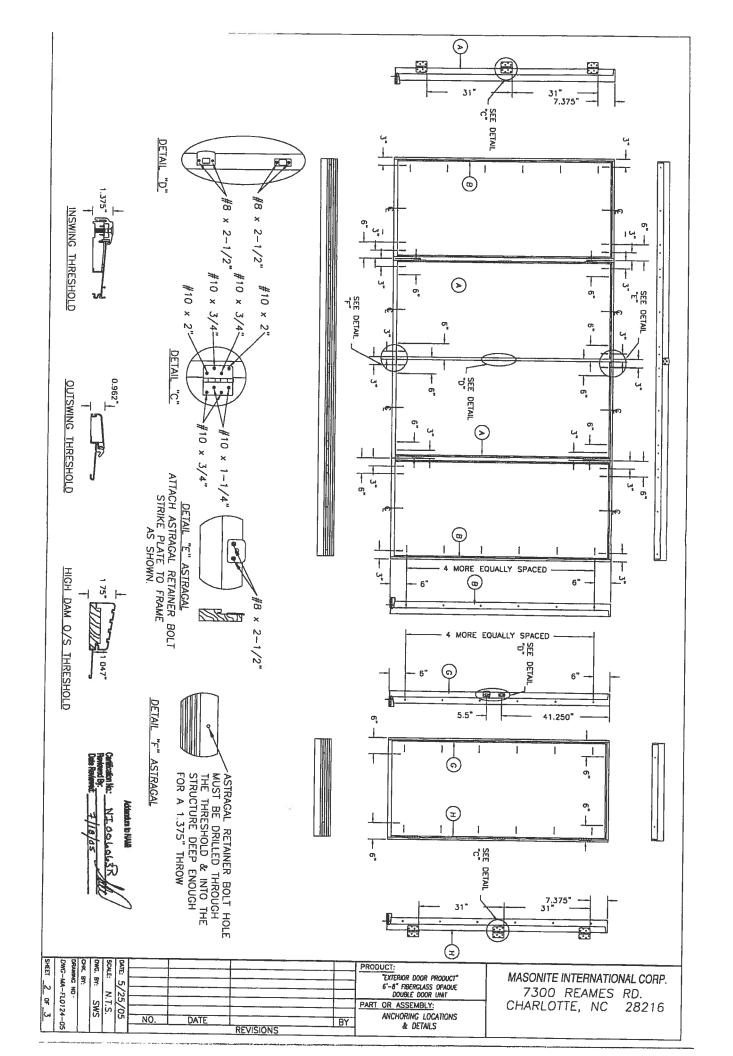
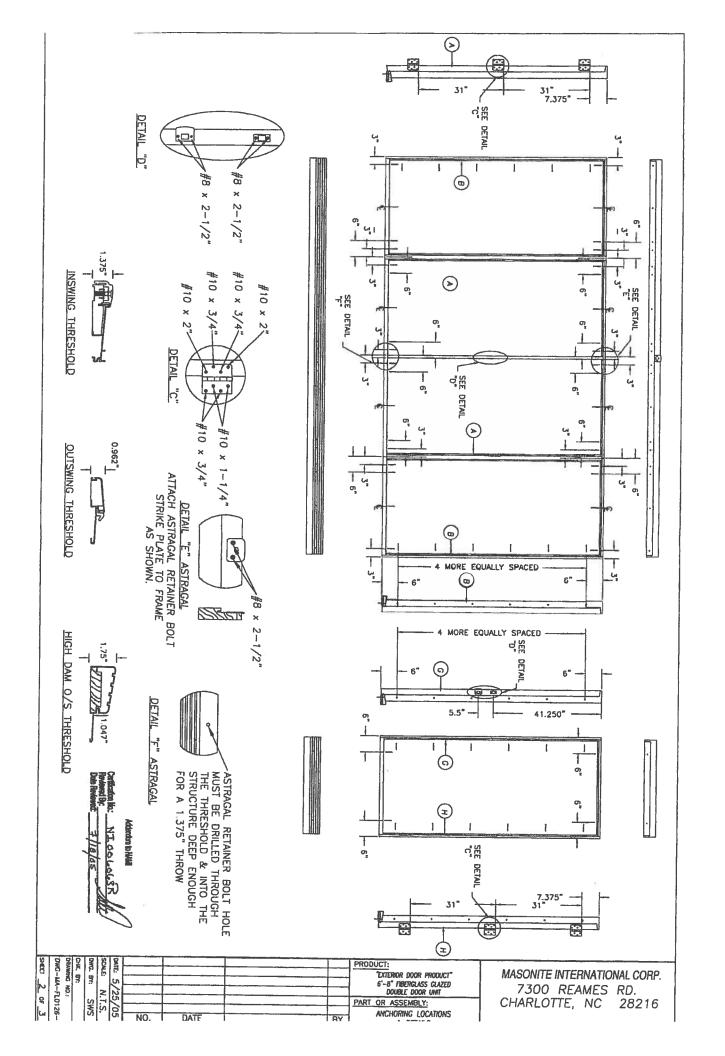
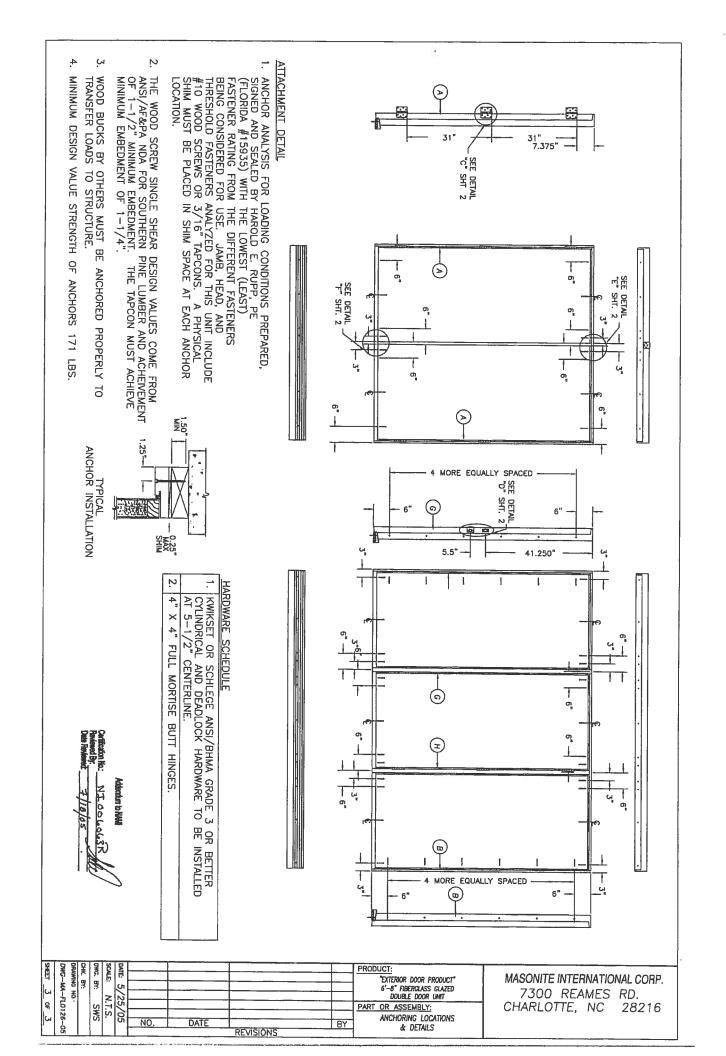


TABLE OF CONTENTS SHEET # DESCRIPTION X 1 TYPICAL ELEVATIONS & GENERAL NOTES 2 ANCHORING LOCATIONS & DETAILS 3 ANCHORING LOCATIONS & DETAILS OXO OXO OXO OXXO OXXO OXXO OXXO OXXO	SINGLE DOOR UNIT DOUBLE DOOR UNIT SINGLE DOOR UNIT		ASTM D1929 ASTM D635 ASTM D635 ASTM D638 INSILE STRENGTH AFTER ENON ARC METHOD 1	CENERAL_NOTES 1. EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORINA BUILDING CODE AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, DOES NOT EXCEED THE DESIGN PRESSURES USTED COST OF THE SESSION PRESSURES USTED OF THE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED. 2. HURRICANE PROTECTIVE SYSTEM (SHUTTERS) IS REQUIRED. 3. POLYURETHANE CORE FLAME SPREAD INDEX OF 50 AND SMOKE DEVELOPED INDEX OF 60 PER ASTIM E84 POLYSTRENG EDVELOPED INDEX OF 115 PER ASTIM E84. 4. PLASTROS TESTING OF FIBERGIASS FACNO: 1. TEST DESCRIPTION DESIGNATION RESULT SELF IGNITION TEMP ASTIM DE335 0.79 IN/MIN SMOKE DENSITY ASTIM DE335 0.79 IN/MIN SMOKE DENSITY ASTIM DE336 0.79 IN/MIN SMOKE DENSITY ASTIM DE336 0.79 IN/MIN SMOKE DENSITY ASTIM DE336 0.79 IN/MIN TEST DESCRIPTION DESIGNATION RESULT TEST DESCRIPTION DESIGNATION RESULT	SIDE-HINGED FIBERGLASS DOOR UNIT 6'-8" GLAZED DOUBLE DOOR WITH / WITHOUT SIDELITES
DESIGN PRESSURE RATING REQUIRED TO BE 15% OF DESIGN	SINGLE DOOR UNIT SINGLE DOOR UNIT W/SIDELITES		DOUBLE INSWING UNIT W/SIDELITES Confliction Reviewed Date Reviewed	MAX. FRAME HEIGHT 81.875"————————————————————————————————————	21" MAX 36.375" MAX. D.L O — W/ASTRAGAL 149" MAX. DVERALL FRAME WIDTH W/ASTRAGAL
N PERFORMANCE IS DESIGN PRESSURE OUTSWING* 40.0 +55.0 / -55.0 40.0 +55.0 / -55.0 40.0 +55.0 / -55.0 DESIGN PRESSURE OUTSWING* SCALE: N,T.S. DWG. BY: SWS DRWWRP NO: DWG-MA-FL0126-05 DWG-MA-FL0126-05 SHEET 1. OF 3.	DOUBLE DOOR UNIT W/SIDELITES	DATE REVISIONS	PRODUCT: EXTE	RIOR DOOR PRODUCT* MASONITE INTER MASSEMBLY: MASONITE INTER 7300 REA ASSEMBLY: MASONITE INTER CHARLOTTE, CHARLOTTE,	AATIONAL CORP.





PRODUCT APPROVAL SPECIFICATION SHEET

is required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval to the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

	listed products. Statewide	approved products are listed online @ www.honda	Manageral Musels and all
Omiofici li Canadania	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	MasonoTe	Fiber glass	FL 4668.1
A SWINGING	Mesonito	Filer glass	4668.9
B. SLIDING			
C. SECTIONAL/ROLL UP		<u> </u>	
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Capital/MI/88	VINYL - LavE	F4# 54329
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
J. J. (1)			
3. PANEL WALL			
A. SIDING	Hander Lap		889.2
B. SOFFITS	Dwo15-Comin	4 Facility + SOFIIY	FL 6869-R1
C. STOREFRONTS		4	
D. GLASS BLOCK			
E. OTHER			
C. OITLE			
4. ROOFING PRODUCTS			
A ASPHALT SHINGLES			
B. NON-STRUCT METAL	Gult Cosst	TUFF-RIG 29 Gay	7099.2
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER	Warrier	30 # Felt	FL 2346
- 0111111			
5. STRUCT COMPONENTS			
A WOOD CONNECTORS	SIMPSON	Steps + Truss Anchors	FL 474-FL558
B. WOOD ANCHORS	3,10,0 500	Anctors	FL 474-FL 5550
C. TRUSS PLATES	MITCH BLales		FL 2/97-K1
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS	1		
7 11 mil 14			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			
A.			
7.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE DATE

Job: 3851007R Date: Oct 30, 2007

By: David Abood A/C Design

Project Information

For:

Teele Res.

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Summer Design Conditions

Outside db Inside db	33 70	°F °F	Outside db Inside db	52	°F °F
Design TD	37	°F	Design TD Daily range	17 ° M	°F
			Relative humidity		%
			Moisture difference	52 (gr/lb

Heating Summary

Sensible Cooling Equipment Load Sizing

Structure	24493		Structure	14960	Btuh
Ducts	876	Btuh	Ducts	465	Btuh
Central vent (197 cfm)	8036	Btuh	Central vent (197 cfm)	3692	Btuh
Humidification	0	Btuh	Blower	0	Btuh
Piping	0	Btuh			
Piping Equipment load	33405	Btuh	Use manufacturer's data	n	
• •			Rate/swing multiplier	0.97	
Infiltration	n		Equipment sensible load	18544	Btuh

Infiltration

	acioni				
Method Construction quality		Simplified Average	Latent Cooling Equipme	nt Load	Sizing
Fireplaces		1 (Average)	Structure Ducts	3570 1229	
	Heating	Cooling	Central vent (197 cfm)	6922	Btuh
Area (ft²) Volume (ft³)	1844 16596	1844 16596	Equipment latent load	11720	Btuh
Air changes/hour	0.45	0.10	Equipment total load	30264	Btuh
Equiv. AVF (cfm)	125	28	Reg. total capacity at 0.74 SHR	2.1	ton

•	,	•	' '
Heat	ting Equipment Summary		Cooling Equipment Summary
laka	Carrior	Maka	Carrier

Make Trade Model	Carrier Comfort 13 Puron F 25HCA330A30	IP		Make Trade Cond Coil	Carrier Comfort 13 Puron HP 25HCA330A30 FY4ANF030		
Efficiency Heating inp Heating out Temperatu Actual air fl Air flow fac Static press Space there	tput re rise ow tor sure	31800 35 822 0.032	HSPF Btuh @ 47°F °F cfm cfm/Btuh in H2O	Efficiency Sensible co Latent cool Total cooli Actual air f Air flow fac Static pres Load sensi	ling ng flow ctor	21570 7630 29200 822 0.053	Btuh

Bold/italic values have been manually overridden



Job: 3851007R Date: Oct 30, 2007

David Abood A/C Design

Project Information

For:

Teele Res.

FI.

	STATE OF	Design	Information	5岁,中国中国主义是美国主义
	Htg	Clg		Infiltration
Outside db (°F)	33	92	Method	Simplified
nside db (°È)	70	75	Construction quality	Average
Design TD (°F)	37	17	Fireplaces	1 (Average)
Daily range \('	-	M	•	, 3,
nside humidity (%)	50	50		
Moisture difference (gr/lb)	33	52		

HEATING EQUIPMENT

COOLING EQUIPMENT

0.62

Make Trade Model	Carrier Comfort 13 Purc 25HCA330A30	on HP		Make Trade Cond Coil	Carrier Comfort 13 Puror 25HCA330A30 FY4ANF030	ı HP	
Efficiency		8.3 HSPF		Efficiency		13 SEER	
Heating ing	out			Sensible of	cooling	21570	Btuh
Heating ou	tput	31800	Btuh @ 47°F	Latent cod	oling	7630	Btuh
Temperatu	re rise	35	°F	Total cool	ing	29200	Btuh
Actual air f	low	822	cfm	Actual air	flow	822	cfm
Air flow fac	tor	0.032	cfm/Btuh	Air flow fa	ctor	0.053	cfm/Btuh
Static pres	sure	0.50	in H2O	Static pres	ssure	0.50	in H2O

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Master Bedroom	197	2370	2813	77	150
W.I.C.	58	1037	185	34	10
Master Bath	163	3411	1117	111	60
Greatroom	389	3632	3409	118	182
Dining	106	1532	795	50	42
Foyer	179	1395	532	45	28
Study	48	79	278	3	15
Bath	76	125	85	4	5
Bed 1	161	2869	1369	93	73
Bed 2	174	3648	1163	118	62
Closet	32	523	96	17	5
Kitchen	188	2037	2302	66	123
Utilitly	73	2712	1282	88	68

Load sensible heat ratio

Bold/italic values have been manually overridden

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.



Space thermostat

Entire House Other equip loads Equip. @ 0.97 RSI Latent cooling	d M	1844	25369 8036	15425 3692 18544 11720	822	822
TOTALS		1844	33405	30264	822	822

Bold/italic values have been manually overridden Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

Job: 3851007R Date: Oct 30, 2007

By: David Abood A/C Design

Project Information

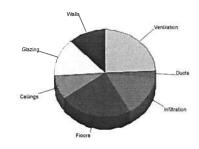
For:

Teele Res. Fl.

Design Conditions							
Location: Gainesville, FL, US Elevation: 0 ft Latitude: 30°N Outdoor: Dry bulb (°F) Daily range (°F) Wet bulb (°F) Wind speed (mph)	Heating 33 - 15.0	Cooling 92 19 (M) 77 7.5	Indoor: Indoor temperature (°F) Design TD (°F) Relative humidity (%) Moisture difference (gr/lb) Infiltration: Method Construction quality Fireplaces	Heating 70 37 50 32.6 Simplified Average 1 (Average)	Cooling 75 17 50 51.6		

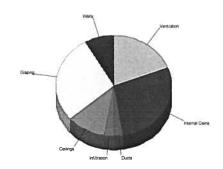
Heating

Component	Btuh/ft²	Btuh	% of load
Walls Glazing Doors Ceilings Floors Infiltration Ducts Piping Humidification Ventilation Adjustments Total	3.4 24.0 0.0 1.6 4.2 3.7	4003 4726 0 2934 7738 5092 876 0 8036	12.0 14.1 0.0 8.8 23.2 15.2 2.6 0.0 0.0 24.1



Cooling

Doors	Component	% of load
Ventilation 3692 Internal gains 5390 Blower 0 Adjustments 0	Walls Glazing Doors Ceilings Floors Infiltration Ducts Ventilation Internal gains Blower Adjustments	8.3 28.0 0.0 11.1 0.0 2.7 2.4 19.3 28.2 0.0



Overall U-value = 0.103 Btuh/ft2-°F

Data entries checked.

Component Constructions *Entire House*

Job: 3851007R Date: Oct 30, 2007

By: David Abood A/C Design

Project Information

For:

Teele Res.

FI.

Design	ı C	ondi	tions					
Location: Gainesville, FL, US Elevation: 0 ft Latitude: 30 °N Outdoor: Heating Cooling Dry bulb (°F) 33 92 Daily range (°F) - 19 (Wet bulb (°F) - 77 Wind speed (mph) 15.0 7.5	М)	II E F N Infi N	Design TD Relative ha Moisture d I tration: Method	umidity (% lifference on quality	(°F) 5) (gr/lb) Si Av	eating 70 37 50 32.6 implified verage (Average)	1 5 51	5 7 0
Construction descriptions	Or	Area	U-value Btuh/ft²-°F	Insul R	Htg HTN Btuh/ft²	l Loss	Clg HTM Btuh/ft²	Gain Btuh
Walls 12C-0bw: Wood stud frame, brick veneer, no board insulation, R-13 cavity insulation	n e s w all	201 370 354 264 1189	0.091 0.091 0.091 0.091 0.091	13.0 13.0 13.0 13.0 13.0	3.37 3.37 3.37 3.37 3.37	677 1246 1192 889 4003	1.33 1.33 1.33 1.33 1.33	268 493 472 352 1585
Partitions (none)								
Windows 3A-2ob: Operable, metal frame with break, low-e glass, e=0.40, 2 pane; 6 ft overhang (5 ft window ht, 1 ft sep.)	n	45	0.610	0.0	22.6	1016	23.1	1038
10C-w: French door, wood frame, 2 pane, low-e, e=0.40; 6 ft overhang (7 ft window ht, 1 ft sep.)	n	42	0.580	0.0	21.5	901	13.2	553
3A-2ob: Operable, metal frame with break, low-e glass, e=0.40, 2 pane; 2 ft overhang (5 ft window ht, 1 ft sep.)	e w all	8 24 32	0.610 0.610 0.610	0.0 0.0 0.0	22.6 22.6 22.6	181 542 722	62.9 62.9 62.9	503 1509 2012
3A-2omd: Sliding glass door, metal frame, no break, low-e glass, e=0.40, 2 pane; 2 ft overhang (5 ft window ht, 1 ft sep.)	s	45	0.820	0.0	30.3	1365	26.6	1199
3A-2ob: Operable, metal frame with break, low-e glass, e=0.40, 2 pane; 8 ft overhang (5 ft window ht, 1 ft sep.)	s	12	0.610	0.0	22.6	271	23.1	277
10C-w: French door, wood frame, 2 pane, low-e, e=0.40; 10 ft overhang (7 ft window ht, 1 ft sep.)	s	21	0.580	0.0	21.5	451	13.2	276
Doors (none)								
Ceilings 17B-20al: Ceiling on exposed beams, light shingles, R-20 insulation, 1½" wood deck		1844	0.043	20.0	1.59	2934	1.15	2113
Floors 22A-tph: Tile covered slab on grade, heavy moist soil, No edge insul, No horiz insul		154	1.358	0.0	50.2	7738	0.00	0

Job: 3851007R Date: Oct 30, 2007

David Abood A/C Design

Project Information

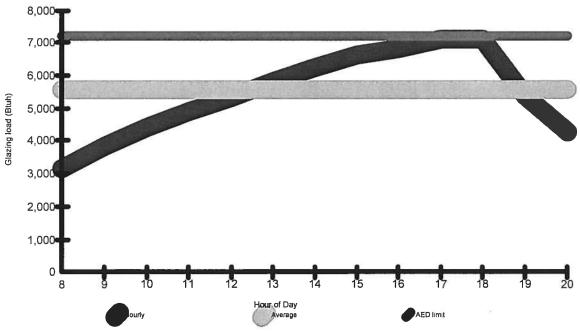
For:

Teele Res.

Design Conditions												
Location: Gainesville, FL, US Elevation: 0 ft Latitude: 30°N Outdoor: Dry bulb (°F) Daily range (°F) Wet bulb (°F) Wind speed (mph)	Heating 33 - 15.0	Cooling 92 19 (M) 77 7.5	Indoor: Indoor temperature (°F) Design TD (°F) Relative humidity (%) Moisture difference (gr/lb) Infiltration:	Heating 70 37 50 32.6	Cooling 75 17 50 51.6							

Test for Adequate Exposure Diversity

Hourly Glazing Load



Maximum hourly glazing load exceeds average by 27.9%.

House has adequate exposure diversity (AED), based on AED limit of 30%.

AED excursion: 0 Btuh



Job: Date:

3851007R Oct 30, 2007

David Abood A/C Design

1 2		name ed wall						Entire 154,	House			Master	Bedroom 0 ft	
3	Ceiling Room	g height dimensions					9.0	ft		d	9.0	ft 1.0 >		t/cool t
5	Room	area Construction	U-value	Or	н	гм	1844.0 Area (ft² ft²)	Loa	ad	197.0 Area (ft² (ft²)	Loa	
	.,	number	ber (Btuh/ft²-°F) (Btuh/ft²)					neter (ft)	(Bti			neter (ft)	(Btu	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
111		12C-0bw 3A-2ob 10C-w 12C-0bw 3A-2ob 12C-0bw 3A-2omd 3A-2omd 3A-2ob 10C-w 12C-0bw 3A-2ob 17B-20al 22A-tph	0.091 0.610 0.580 0.091 0.610 0.580 0.610 0.091 0.643 1.358	□ e e s s s s ≥ > -	3.37 22.57 21.46 3.37 22.57 30.34 22.57 21.46 3.37 22.57 1.59 50.25	1.33 23.06 13.17 1.33 68.91 1.33 30.67 27.10 15.16 1.33 68.91 1.15 0.00	288 45 42 378 8 432 21 288 24 1844 1844	201 0 370 11 354 45 12 264 3 1844 154	677 1016 901 1246 181 1192 1365 271 451 889 542 2934 7738	268 1038 553; 493 503; 472 1199 277 276 352 1509 2113 0	0 0 0 0 0 0 126 20 197	0 0 0 0 0 106 3 197 14	0 0 0 0 0 0 357 451 313 703	0 0 0 0 0 0 141 1257 226 0
6	<u>-</u>	Dexcursion								0				597
12		ope loss/gain							19401 5092	9052			1825 463	2221
12	a) In b) R	filtration oom ventilation							0	517 0			0	0
13	Interna	al gains:	Occupants Appliances		230 1200		13 2			2990 2400	2 0			460 0
	Subtot	tal (lines 6 to 13)							24493	14960			2288	2728
14 15	Less to						4%	3%	0 0 0 24493 876	0 0 0 14960 465	4%	3%	0 0 0 2288 82	0 0 0 2728 85
		oom load juired (cfm)							25369 822	15425 822			2370 77	2813 150



Job:

3851007R Oct 30, 2007

Date: By:

David Abood A/C Design

1 2		ed wall						8.	I.C. 0 ft	Manal		24.	er Bath 0 ft	Manal
3 4 5		g height dimensions area					9.0 58.0	1.0	nea x 58.0	at/cool ft	9,0 163.0	1,0	nea x 163,0 f	t/cool ft
	Ту	Construction number	U-value (Btuh/ft²-°F)	Or		TM h/ft²)		(ft²) neter (ft)	Loa (Bti		Area or perir	(ft²) neter (ft)	Loa (Btu	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
111		12C-0bw 3A-2ob 10C-w 12C-0bw 3A-2ob 12C-0bw 3A-2omd 3A-2ob 10C-w 12C-0bw 3A-2ob 17B-20al 22A-tph	0.091 0.610 0.580 0.091 0.610 0.591 0.580 0.580 0.091 0.610 0.043 1.358	n e e s s s s > > -	3.37 22.57 21.46 3.37 22.57 30.34 22.57 21.46 3.37 22.57 1.59 50.25	1.33 23.06 13.17 1.33 30.67 27.10 15.16 1.33 68.91 1.15 0.00	0 0 0 0 0 72 0 58 58	0 0 0 0 0 72 0 58 8	0	0 0 0 0 0 0 0 96	0 0 0 126 0 12 0 90	0 0 0 114 0 12 0 86 1 163	0 0 0 3844 0 2711 0 290 259 1206	0 0 0 152 277 0 115 251 187 0
6	c) AEI) excursion								-10				21
		ppe loss/gain							737	152			2500	1003
12	a) In b) R	filtration oom ventilation							265 0	27 0			794 0	81 0
13	Interna	al gains:	Occupants Appliances	@ @	230 1200		0			0	0			0
Щ	Subtot	al (lines 6 to 13)							1001	179			3293	1084
14 15	Less to Redist Subtot						4%	3%	0 0 0 1001 36	Ó	4%	3%	0 0 0 3293 118	0 0 0 1084 34
	Total r Air req	room load Juired (cfm)							1037 34	185 10			3411 111	1117 60



Job: Date:

3851007R Oct 30, 2007

David Abood A/C Design

1 2 3		name ed wall g height					9.0	17.	atroom 0 ft	at/cool	9.0	9.	ning 0 ft	t/cool
4 5		dimensions					389.0	1.0	x 389.0		106.0	1.0	106.0 f	
	Ту	Construction number	U-value (Btuh/ft²-°F)	Or		ΓM h/ft²)	Area (or perin	ft²) neter (ft)	Loa (Bti		Area or perir	(ft²) neter (ft)	Loa (Btu	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6 11		12C-0bW 3A-2ob 10C-w 12C-0bW 3A-2ob 12C-0bW 3A-2ord 3A-2ob 10C-w 12C-0bW 3A-2ob 10C-w 12C-0bW 3A-2ob 2A-2ob	0.091 0.610 0.580 0.091 0.610 0.610 0.580 0.091 0.610 0.043 1.358	n e e s s s s > > .	3.37 22.57 21.46 3.37 30.34 22.57 21.46 3.37 22.57 1.59 50.25	1,33 23.06 13.17 1.33 30.67 27.10 15.16 1.33 68.91 1.15 0.00	153 30 21 0 0 0 0 0 389 389	102 0 0 0 0 0 0 0 389 17	343 677 451 0 0 0 0 0 619 854	692 276 0 0 0 0 0 0 0 446	81 15 0 0 0 0 0 0 106 106	0	222 339 0 0 0 0 0 0 169 452	88 346 0 0 0 0 0 0 0 0 121 0
6	c) AE) excursion								-191				-44
\sqcup		ope loss/gain							2944	1359			1182	511
12	a) in b) R	filtration oom ventilation							562 0	57 0			298 0	30 0
13	Interna	al gains:	Occupants Appliances	@	230 1200		3 1			690 1200	1 0			230 0
		tal (lines 6 to 13)							3506	3307			1479	771
14 15	Less to Redist Subtot						4%	3%	0 0 0 3506 125	0 0 0 3307 103	4%	3%	0 0 0 1479 53	0 0 0 771 24
	Total r Air rec	room load quired (cfm)							3632 118				1532 50	795 42



Job: Date:

3851007R Oct 30, 2007

David Abood A/C Design

1 2 3 4	Ceiling	name ed wall 3 height dimensions					9.0	ft 6.	oyer 0 ft hea x 179.0	at/cool	9.0	O. ft	tudy 0 ft hea x 48.0	it/cool
5	Room	area		_			179.0	ft²			48.0	ft²		
	Ту	Construction number	U-value (Btuh/ft²-°F)	Or		TM h/ft²)	Area (or perin	(ft²) neter (ft)	Loa (Bt			(ft²) neter (ft)	Loa (Btu	
Ш					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
11		12C-0bW 3A-2ob 10C-W 12C-0bW 3A-2ob 12C-0bW 3A-2omd 3A-2omd 3A-2ob 10C-W 12C-0bW 3A-2ob 17B-20al 22A-tph	0.091 0.610 0.580 0.091 0.610 0.580 0.091 0.610 0.043 1.358	пееѕѕѕѕ>>.	3.37 22.57 3.37 22.57 30.34 22.57 1.59 50.25	1,33 23.06 13.17 1.33 68.91 1.33 30.67 27.10 15.16 1.33 68.91 1.15 0.00	0 0 0 54 0 0 179 179	0 0 0 0 33 0 0 179 6	0 0 0 0 1111 0 0 4511 0 285 301	0 0 0 44 0 0 276 0 276	0 0 0 0 0 0 0 0 0 4 8 4 8	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 76	0 0 0 0 0 0
6	c) AEC) excursion								-30	,			-16
\square		ppe loss/gain							1148				76	39
12	a) In	filtration com ventilation							198 0				0	0
13	Interna	al gains:	Occupants Appliances	@	230 1200		0			0	1 0			230 0
\square	Subtot	al (lines 6 to 13)							1346	516			76	269
14 15	Less tr						4%	3%	0 0 0 1346 48	0	4%	3%	0 0 0 76 3	0 0 0 269 8
		oom load juired (cfm)							1395 45	532 28			79 3	278 15



3851007R Job: Oct 30, 2007 Date:

David Abood A/C Design

1 2 3	Expos	name sed wall g height					9.0	0.	ath 0 ft	it/cool	9.0	15.	ed 1 0 ft hea	t/cool
4 5		dimensions	,				76.0	1.0	x 76.0		161.0	1.0	k 161.0 f	
	Ту	Construction number	U-value (Btuh/ft²-°F)	Or		TM h/ft²)		ft²) neter (ft)	Loa (Bti			(ft²) neter (ft)	Loa (Btu	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
111		12C-0bW 3A-2ob 10C-W 12C-0bW 3A-2ob 12C-0bW 3A-2ob 10C-W 12C-0bW 3A-2ob 17B-20al 22A-tph	0.091 0.610 0.580 0.091 0.610 0.580 0.091 0.610 0.043 1.358	n n e e s s s s s s s	3.37 22.57 21.46 3.37 22.57 30.34 22.57 21.46 3.37 22.57 1.59 50.25	1.33 23.06 13.17 1.33 30.67 27.10 15.16 1.33 68.91 1.15 0.00	0 0 0 0 0 0 0 0 76 76	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 121 0	0 0 0	0 0 0 135 30 0 161 161	0 0 0 105 30 0	0 0 0 354 910 0 0 256 754	0 0 0 140 799 0 0 184 0
6		O excursion								-5				-77
12		ope loss/gain							121	82 0			2274 496	1047 50
\vdash	b) R	oom ventilation	0		000				Ö	0			ő	0
13		al gains:	Occupants Appliances	. @ . @	230 1200		0			0	0			230
\vdash		tal (lines 6 to 13) external load							121	82			2770 0	1327
14 15	Less to	ransfer tribution tal					4%	3%	0 0 121 4	0 0 82 3	4%	3%	0 0 2770 99	0 0 1327 41
	Total r Air rec	room load quired (cfm)							125 4	85 5	į		2869 93	1369 73



Job: Date: 3851007R Oct 30, 2007

Ву:

David Abood A/C Design

1 2	Room Expos	name ed wall						B- 25.	ed 2 0 ft				oset 0 ft	
3 4 5	Ceiling	g height dimensions		9.0 174.0	ft 1.0	hea x 174.0	nt/cool ft	9.0 32.0	1.0	hea x 32.0 1	t/cool t			
	Ту	Construction number	U-value (Btuh/ft²-°F)	Or		TM h/ft²)		(ft²) neter (ft)	Loa (Bti			(ft²) neter (ft)	Loa (Btu	
Ш					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
111		12C-0bw 3A-2ob 10C-w 12C-0bw 3A-2ob 12C-0bw 3A-2ob 10C-w 12C-0bw 3A-2ob 10C-w 12C-0bw 3A-2ob	0.091 0.580 0.091 0.610 0.091 0.820 0.610 0.580 0.091 0.613 1.358	n n e e s s s s & & .	3.37 22.57 21.46 3.37 22.57 3.37 21.46 3.37 22.57 1.59 50.25	1.33 23.06 13.17 1.33 30.67 27.10 15.16 1.33 68.91 1.15 0.00	0 0 108 0 117 15 0 0 0 174 174	0 0 108 0 102 15 0 0 0 174 25	0 0 364 0 343 455 0 0 0	0 0 144 0 136 400 0 0 0	0 0 0 36 0 0 0 0 0 32 32	0 36 0 0 0	0 0 0 121 0 0 0 0 51 201	0 0 0 48 0 0 0 0 0 0 0 37 0
6) excursion								-65				-5
		ope loss/gain							2695	814			373	79
12	b) R	filtration oom ventilation							827 0	84 0			132 0	13 0
13	Interna	al gains:	Occupants Appliances	@	230 1200		1 0			230 0	0			0
Щ	Subtot	al (lines 6 to 13)							3522	1128			505	93
14 15	Less to						4%	3%	0 0 0 3522 126	0 0 0 1128 35	4%	3%	0 0 0 505 18	0 0 0 93 3
	Total r Air req	oom load juired (cfm)							3648 118	1163 62			523 17	96 5



Job: Date:

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1 2 3 4 5	Ceiling Room	ed wall g height dimensions					9.0	14.0 ft 1.0	chen 0 ft hea x 188.0	it/cool ft	9.0 73.0	18. ft 1.0	tilitly 0 ft hea < 73.0 f	t/cool t
	Ту	Construction number	U-value (Btuh/ft²-°F)	Or		ΓM h/ft²)	Area ((ft²) neter (ft)	Loa (Bti			(ft²) neter (ft)	Loa (Btu	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6		12C-0bw 3A-2ob 10C-w 12C-0bw 3A-2ob 12C-0bw 3A-2ob 10C-w 12C-0bw 3A-2ob 10C-w 12C-0bw 3A-2ob 17B-20al 22A-tph	0.091 0.610 0.580 0.091 0.610 0.610 0.580 0.091 0.610 0.043 1.358	_ e e » » » » »	3.37 22.57 21.46 3.37 30.34 22.57 21.46 3.37 22.57 1.59 50.25	1.33 23.06 13.17 1.33 30.67 27.10 15.16 1.33 68.91 1.15 0.00	0 0 0 126 4 0 0 0 0 0 0 0 188 188	0 0 0 1222 1 0 0 0 0 188 14	0	0	54 0 21 108 4 0 0 0 0 73 73	33 0 0 104 1 0 0 0 0 73 18	111 350 90 0 0 0 116 904	44 0 276 139 251 0 0 0 0 84
6	c) AEI) excursion								-104				-72
	Envelo	ppe loss/gain							1504	525			2023	723
12	a) In b) R	filtration oom ventilation							463 0	47 0			595 0	60 0
13	Interna	al gains:	Occupants Appliances	@	230 1200		2 1			460 1200	2			460 0
	Subtot	al (lines 6 to 13)							1967	2232			2618	1243
14 15	Less to Redist Subtot						4%	3%	0 0 0 1967 70	0 0 0 2232 69	4%	3%	0 0 0 2618 94	0 0 0 1243 39
	Total r Air rec	oom load juired (cfm)							2037 66	2302 123			2712 88	1282 68



Duct System Summary Entire House

Job: 3851007R Date: Oct 30, 2007

By: David Abood A/C Design

Project Information

For:

Teele Res.

FI.

External static pressure
Pressure losses
Available static pressure
Supply / return available pressure
Lowest friction rate
Actual air flow
Total effective length (TEL)

ш	eating	C	ooling
0.50	in H2O	0.50	in H2O
0.06	in H2O	0.06	in H2O
0.44	in H2O	0.44	in H2O
0.29 / 0.15	in H2O	0.29 / 0.15	in H2O
0.124	in/100ft	0.100	in/100ft
822	cfm	822	cfm

356 ft

Supply Branch Detail Table

Name		Design (Btuh)	Htg (cfm)	Clg (cfm)	Design FR	Diam (in)	H x W (in)	Duct Matl	Actual Ln (ft)	Ftg.Eqv Ln (ft)	Trunk
Greatroom	С	1707	0	86	0.100	6.0	0×0	VIFx	59.0	175.0	st2
Master Bedroom	c	2911	0	147	0.100	8.0	0 x 0	VIFx	59.0	175.0	st1
W.I.C.	c	249	0	13	0.100	4.0	0 x 0	VIFx	59.0	175.0	st1
Master Bath	c	1297	0	65	0.100	6.0	0×0	VIFx	59.0	175.0	st1
Greatroom	c	1707	0	86	0.100	6.0	0 x 0	VIFx	59.0	175.0	st2
Dining	c	796	0	40	0.100	5.0	0×0	VIFx	59.0	175.0	st1
Foyer	c	562	0	28	0.100	4.0	0 x 0	VIFx	59.0	175.0	st1
Study	c	278	0	14	0.100	4.0	0 x 0	VIFx	59.0	175.0	st2
Bath	c	85	0	4	0.100	4.0	0 x 0	VIFx	59.0	175.0	st2
Bed 1	c	1464	0	74	0.100	6.0	0 x 0	VIFx	59.0	175.0	st2
Bed 2	c	1351	0	68	0.100	6.0	0 x 0	VIFx	59.0	175.0	st3
Closet	c	128	0	6	0.100	4.0	0x0	VIFx	59.0	175.0	st3
Kitchen	c	2414	0	122	0.100	7.0	0x0	VIFx	59.0	175.0	st3
Utilitly	l c	1376	0	69	0.100	6.0	0×0	ViFx	59.0	175.0	st3

Supply Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
st2 st1 st3 P	Peak AVF Peak AVF Peak AVF Peak AVF	0 0 0	529 822 265 822	0.100 0.100 0.100 0.100	635 740 637 769	11.4 13.5 8.8 14.0	10 x 12 10 x 16 10 x 6 0 x 0	RectFbg RectFbg RectFbg RectFbg	st1 P st2

Bold/italic values have been manually overridden



Return Branch Detail Table

Name	Grill Size (in)	Htg (cfm)	Clg (cfm)	TEL (ft)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Stud/Joist Opening (in)	Duct Matl	Trunk
rb1 rb2 rb3 rb4	16x15 12x6 12x3 12x3	0000	534 147 74 68	122.0 122.0 122.0 122.0	0.100 0.100 0.100 0.100	420 375	12.0 8.0 6.0 6.0	0x 0 0x 0 0x 0 0x 0		VIFx VIFx VIFx VIFx	rt1 rt1 rt1 rt1

Return Trunk Detail Table

Name	Trunk Type	Htg (cfm)	Clg (cfm)	Design FR	Veloc (fpm)	Diam (in)	H x W (in)	Duct Material	Trunk
rt1 R	Peak AVF Peak AVF	0	822 822	0.100 0.100	604 769	14.7 14.0	14 x 14 0 x 0	VinlFlx VinlFlx	R

INSTALLATION INSTRUCTIONS FOR NEW CONSTRUCTION VINYL FIN WINDOWS

READ THESE INSTRUCTIONS COMPLETELY BEFORE BEGINNING. Please inspect your MI Windows and Doors, Inc. product thoroughly before beginning installation. Inspect the opening and the product, and do not install if there is any observable damage or other irregularity. The product specification sheet and warranty include important information regarding your product and may include product-specific installation requirements (for example, types of fasteners to be used with impact resistant windows and limitations on the height at which the product may be installed); if you did not obtain copies please contact MI Windows and Doors, Inc. Local building codes may impose additional requirements, and those codes supercede these instructions.

FAILURE TO FOLLOW THESE INSTRUCTIONS, AND BUILDING CODE REQUIREMENTS, MAY AFFECT THE REMEDIES AVAILABLE UNDER YOUR WARRANTY.

- 1. IF THE BUILDING HAS A WEATHER RESISTANT BARRIER (WRB) I.E. HOUSE WRAP, PREPARE THE OPENING ACCORDING TO WRB MANUFACTURER'S INSTRUCTIONS. AT EACH TOP CORNER MAKE A 45° CUT IN THE WRB. FOLD UP THE WRB SO THAT THE TOP NAIL FIN OF THE UNIT CAN BE INSTALLED UNDERNEATH IT. (See Figure 1 below) FLASHING OF THE WINDOW OPENING IS RECOMMENDED AND MAY BE REQUIRED BY SOME BUILDING CODES.
- 2. MAKE SURE THE ROUGH OPENING IS PLUMB, SQUARE AND THE SILL PLATE IS LEVEL. ROUGH OPENINGS SHOULD BE 1/2* LARGER THAN WINDOW FRAME IN WIDTH & HEIGHT. (See Figure 2 below)
- 3. CLOSE & LOCK THE SASH THROUGHOUT INSTALLATION. KEEP THE SIDE JAMBS PLUMB & SQUARE WITH HEAD AND SILL. BE CAREFUL NOT TO "CROWN UP" OR "BOW DOWN"
 THE SILL OR HEAD. CONSTANTLY CHECK WIDTH AT THE MEETING RAILS OF SINGLE AND DOUBLE HUNGS (CENTER POINT ON CASEMENTS) TO AVOID A
 "BOWED OUT" INSTALLATION. WHEN USING FLASHING APPLY THE BOTTOM PIECE BEFORE INSTALLING THE WINDOW. (See Figure 1 below) FLASHING MUST BE RATED TO MEET
 ASTM D-779. 24 HOUR WATER RESISTANCE TEST.
- 4. APPLY A CONTINUOUS 3/8" BEAD OF PREMIUM GRADE, COMPATIBLE EXTERIOR SEALANT TO THE INTERIOR (BACKSIDE) OF THE NAIL FIN NEAR THE OUTSIDE EDGE IN LINE WITH THE PRE-PUNCHED HOLES ON ALL SIDES PRIOR TO SETTING THE WINDOW INTO THE ROUGH OPENING. (See Figure 3 below)
- 5. PLACE 1/4" FLAT SHIMS ON THE ROUGH OPENING SILL PLATE UNDER THE BOTTOM CORNERS OF THE WINDOW (See Figure 4 below). THESE SHIMS SHOULD BE REMOVED WHEN INSTALLATION IS COMPLETE. DO NOT PLACE SHIMS OR BLOCKS UNDER THE SILL EXCEPT AT THE FRAME CORNERS. SET THE WINDOW ONTO THE SHIMS CENTERING THE WINDOW IN THE OPENING ALLOWING EQUAL SPACE ON EITHER SIDE. FOR WINDOWS WITH INTERMEDIATE JAMBS AND ALL SLIDER WINDOWS, CONTINUOUS SHIM OR HORIZONTAL SHIMS ARE RECOMMENDED UNDER EACH INTERMEDIATE JAMB AND MEETING RAIL TO ENSURE SILL IS LEVEL). THESE SILL SHIMS SHOULD REMAIN AFTER INSTALLATION IS COMPLETE. APPLY ADDITIONAL SHIMS AS NECESSARY TO MAINTAIN A LEVEL SILL THROUGHOUT INSTALLATION.
- 6. PLACE A TEMPORARY FASTENER IN THE SLOT PROVIDED IN THE NAIL FIN ON EACH TOP CORNER, CHECK LEVEL AND SQUARE OF THE WINDOW BY MEASURING THE DIAGONALS OPEN BOTTOM SASH, CHECK THE "REVEAL" (SPACE) BETWEEN THE BOTTOM OF THE SASH AND THE WINDOW SILL. CLOSE AND RELOCK THE SASH, ADJUST IF NECESSARY, PLACE ADDITIONAL FASTENERS IN THE BOTTOM CORNERS CHECKING WINDOW AGAIN FOR LEVEL, PLUMB AND SQUARE.
- 7. SECURE THE WINDOW WITH FASTENERS THAT PENETRATE THE FRAMING BY A MINIMUM OF 1°, CARE SHOULD BE TAKEN TO INSTALL FASTENERS STRAIGHT, NOT ANGLED. KEEP THE SASH LOCKED UNTIL ALL SIDES ARE SECURE. PRIOR TO FASTENING THE SILL AND HEAD BE SURE THEY ARE STRAIGHT AND LEVEL. FASTENERS SHOULD BE APPLIED SECURELY INTO EVERY OTHER SLOT ON ALL SIDES, DO NOT DISTORT THE NAIL FIN WITH THE FASTENERS.
- 8. APPLY SEALANT OVER EXPOSED FASTENER HEADS, ANY UNUSED SLOTS AND THE OUTSIDE EDGE OF THE NAIL FIN WHERE IT COMES IN CONTACT WITH THE WRB/SHEATING.

 OR IF FLASHING (WINDOW TAPE) IS BEING USED. NOTE: SILL FLASHING SHOULD HAVE BEEN APPLIED PRIOR TO INSTALLING THE WINDOW. APPLY THE SIDE FLASHING ON TOP
 OF THE NAIL FIN, OVERLAPPING THE SILL FLASHING AND EXTENDING UP PAST THE TOP NAIL FIN APPROXIMATELY 2°. THEN APPLY THE TOP FLASHING ALSO OVER THE NAIL
 FIN, OVERLAPPING THE SIDE PIECES AND EXTENDING PAST THE SIDE FLASHING BY APPROXIMATELY 1°. LASTLY FOLD DOWN THE WRB FLAP OVER THE FLASHING, TAPE THE
 DIAGONAL CILTS ABOVE EACH CORNER, (SEE FIGURE #5 BELOW)
- 9. PLACE SHIMS AT THE MEETING RAIL/CHECK RAIL ON THE SIDE JAMBS TO PREVENT BOWING, THESE SHIMS SHOULD REMAIN AFTER INSTALLATION. CAUTION SHOULD BE TAKEN AS TO NOT OVER SHIM, CAUSING DEFLECTION OF THE FRAME AND HINDER SASH OPERATION. CHECK THE FRAME WIDTH AT TOP, MIDDLE AND BOTTOM, IF NOT THE SAME, SHIM ACCORDINGLY, UNLOCK AND OPERATE THE SASH(S). VISUALLY INSPECT ALL SIGHT LINES. ADJUST OR SHIM AS REQUIRED TO ASSURE CONSISTENT SASH REVEAL AND EASE OF OPERATION.
- 10. INSULATE BETWEEN THE WINDOW FRAME & ROUGH OPENING WITH FIBERGLASS INSULATION OR EQUAL. THE SPACE MAY BE EFFECTIVELY FILLED WITH MEASURED USE OF LOW EXPANSION FOAM BUT ONLY AFTER DETERMINING THAT FOAM WILL NOT EXERT PRESSURE AGAINST THE FRAME, WHICH CAN IMPAIR OPERATION. DISTORTION OF THE FRAME WILL AFFECT THE USER'S RIGHTS UNDER THE WARRANTY.
- 11. ALLOW A 1/4" GAP BETWEEN THE EXTERIOR CLADDING, SIDING, BRICK, STUCCO OR STONE AND THE WINDOW FRAME ON ALL SIDES (EXCEPT VINYL J CHANNEL).

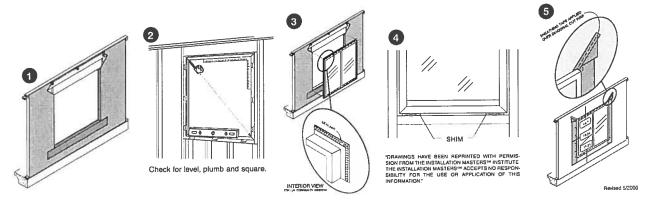
 THE GAP (EXPANSION JOINT) SHOULD BE FILLED WITH CORRECT SIZE BACKER ROD, THEN SEALED WITH A HIGH GRADE EXTERIOR SEALANT AND WILL NEED TO BE MAINTAINED.

CAUTION

- USE OF SOLVENTS OR ACIDS WILL DAMAGE COMPONENTS OF THIS PRODUCT AND WILL LIMIT RIGHTS UNDER THE WARRANTY
- VINYL WINDOWS HAVE PRE-PUNCHED SLOTS FOR INSTALLATION FASTENING IN ANY OTHER PORTION MAY PERMANENTLY DAMAGE UNIT WHICH WILL LIMIT RIGHTS UNDER THE WARRANTY.
- IT IS THE SOLE RESPONSIBILITY OF THE OWNER, ARCHITECT, AND/OR BUILDER TO SELECT CORRECT PRODUCTS TO BE IN COMPLIANCE WITH APPLICABLE LAWS, SITE REQUIREMENTS AND BUILDING CODES AND TO ENSURE THAT INSTALLATION IS IN COMPLIANCE WITH APPLICABLE LAWS, SITE REQUIREMENTS AND BUILDING CODES.
- . DO NOT STORE IN THE SUN OR LAY FLAT BEFORE OR DURING INSTALLATION.
- ANY PENETRATIONS (e.g. ALARM SENSORS) MADE THROUGH ANY PORTION OF ANY M.I., BETTERBILT OR CAPITOL PRODUCT MAY AFFECT RIGHTS UNDER THE MANUFACTURER'S WARRANTY.
- SOME LAWS AND BUILDING CODES REQUIRE SAFETY GLASS. THE ORDERING PARTY IS RESPONSIBLE TO SPECIFY SAFETY GLASS AND ENSURE COMPLIANCE WITH LOCAL LAWS AND BUILDING CODES.

THESE INSTRUCTIONS ARE MINIMUM REQUIREMENTS ONLY, CHECK STATE AND LOCAL CODE RESTRICTIONS FOR ADDITIONAL COMPLIANCE ON INSTALLATION AND/OR FASTENING. IF UNIT HAS EXTERIOR TRIM (BRICKMOULD) CHANNEL, ETC.) THE UNIT MUST BE SEALED BEHIND THE NAIL FIN, THE TRIM IS PROVIDED FOR AESTHETIC PURPOSES ONLY, AND NOT DESIGNED TO BE WATER TIGHT. INSTALLATION INTO MASON-RY OR REPLACEMENT OPENINGS MUST BE SEALED TO THE OPENINGS USING AN APPROVED, PROPER METHOD. REFER TO AAMA 2400 AND/OR ASTM 2112 STANDARDS.

These installation instructions are provided for information only; no representation and warranty is made that these instructions set forth all of the information necessary for proper installation of the product. Given the variety of field conditions, primary responsibility for product installation rests with the installer. Do not proceed unless you have addressed the factors necessary to achieve weather-light installation of a properly functioning product. MI Windows and Doors, Inc. assumes no liability for any personal injury or property damage incurred in installation. These instructions, together with the product specifications and warranty set forth the entire liability of MI Windows and Doors, Inc. with regard to the product.



Inst. Number: 200712027161 Book: 1138 Page: 111 Date: 12/10/2007 Time: 3:09:00 PM Page 1 of 2

26400

NOTICE OF COMMENCEMENT

This document prepared by and to be returned to: Kyle E. Petteway Grunder & Petteway, P. A. 23349 NW CR 236, Suite 10 High Springs, Florida, 32643

PERMIT NO.:_____TAX PARCEL NUMBER R14330-111

STATE OF FLORIDA COUNTY OF ALACHUA 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 16, FORT WHITE MANOR, according to the map or plat thereof as recorded in Plat Book 6, Page 30, of the Public Records of Columbia County, Florida.

Address:

- 2. General description of improvement: Residential Home Construction
- 3. Owner information:
 - a. Name and address:

John R. Teele and Kimberly Teele PO Box 176 Ft. White, Fl 32038

b. Phone number:

386-497-3360

- c. Fax number:
- d. Interest in property: Fee simple title holder
- c. Name and address of fee simple titleholder (if other than owner): N/A

Contractor:

Owner/Builder

- a. Phone number:
- 5. Surety on any payment bond:

None

6. Lender:

Millennium Bank 4340 Newberry Road Gainesville, Fl 32607

a. Phone number:

(352) 352-335-4035

- 7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided for by Section 713.13 (1) (a) 7, Florida Statutes: N/A
 - a. Phone number:
- 8. In addition to himself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes:

None

- a. Phone number:
- b. Fax number:
- Expiration Date of Notice of Commencement (the expiration is one year from date of recording unless a different date is specified):

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

John R. Teele Kimberly 200le

STATE OF FLORIDA COUNTY OF ALACHUA

Kimberly Teele

(v) are personally known to me

() produced a valid Florida driver's license as identification () produced ______ as identification

Signature of Notary (SEAL) Notary Public State of Florida Kyle E Petteway My Commission DD80638 Expires 08/01/2011

Verification pursuant to Section 95.525, Florida Statutes.

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief

John R. Teele

Kimberly Zee

8838

STATE OF FLORIDA, COUNTY OF COLUME...

I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.

A DeWITT CASON QLERK OF COURTS

Deputy Clerk

Date Dec 11 200



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COLUMBIA COUNTY, FLORIDA

epartment of Building and Zoning Inspection

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

Use Classification SFD, UTILITY Parcel Number 34-6S-16-14330-111 Building permit No. 000026400

Fire: 77.00

Waste:

Total:

77.00

Owner of Building JOHN TEELE

Permit Holder OWNER BUILDER

Date: 10/02/2008

Location:

6129 SW CR 18

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)