

Columbia County Building Permit Application

For Office Use Only Application # 0503-52 Date Received 3/17/05 By LA Permit # 598/23000
 Application Approved by - Zoning Official RLK Date 07.04.05 Plans Examiner OK JTH Date 4-7-05
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category Aig A-3
 Comments U#0223 - setbacks
EH needed

Applicants Name Steve + Georgette Bryant Phone (386) 842-5352
 Address POB 2006 Boys Ranch FL 32064
 Owners Name Steve + Georgette Bryant Phone (386) 842-2177
 911 Address 586 SW WASHINGTON AVE Ft. White FL 32038
 Contractors Name Steve Bryant Phone (386) 842-5352
 Address POB 2006 Boys Ranch FL 32064
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address Bill Freeman Freeman Design Group Madison LC FL 32055
 Mortgage Lenders Name & Address Self Financed
 Property ID Number 00-0000-00860-002 Estimated Cost of Construction \$100K
 Subdivision Name Three River Estates Columbia Co. Lot 62 Block _____ Unit 11 Phase _____
 Driving Directions SR 275 from Branford over Bridge at Ichneutuckee River. Turn Right 1st Left, 1st Right on Washington (unpaved) Home site on right. paved about 1/2 mile on R
 Type of Construction Block Conventional Home Number of Existing Dwellings on Property 0
 Total Acreage .878 Lot Size 85x450 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 188 Side South 10 Side North 25 Rear 220 227
 Total Building Height 27' 4 1/2" Number of Stories 2 (1st) Heated Floor Area 2750 Roof Pitch 8:12

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

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

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

Steve Bryant
 Owner Builder or Agent (Including Contractor)

Steve Bryant
 Contractor Signature
 Contractors License Number _____
 Competency Card Number _____

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 15th day of March 2005.
 Personally known ✓ or Produced Identification _____

NOTARY STAMP/SEAL

Lori Warner

OFFICIAL NOTARY SEAL
 LORI WARNER
 NOTARY PUBLIC STATE OF FLORIDA
 COMMISSION NO. DD053256
 MY COMMISSION EXP. AUG. 27, 2005

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR 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 \$25,000. 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 Dwelling
☐ Farm Outbuilding
☐ New Construction
☐ Two-Family Residence
☐ Other _____
☐ Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Steven K Bryant, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Steven K Bryant
Signature

Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

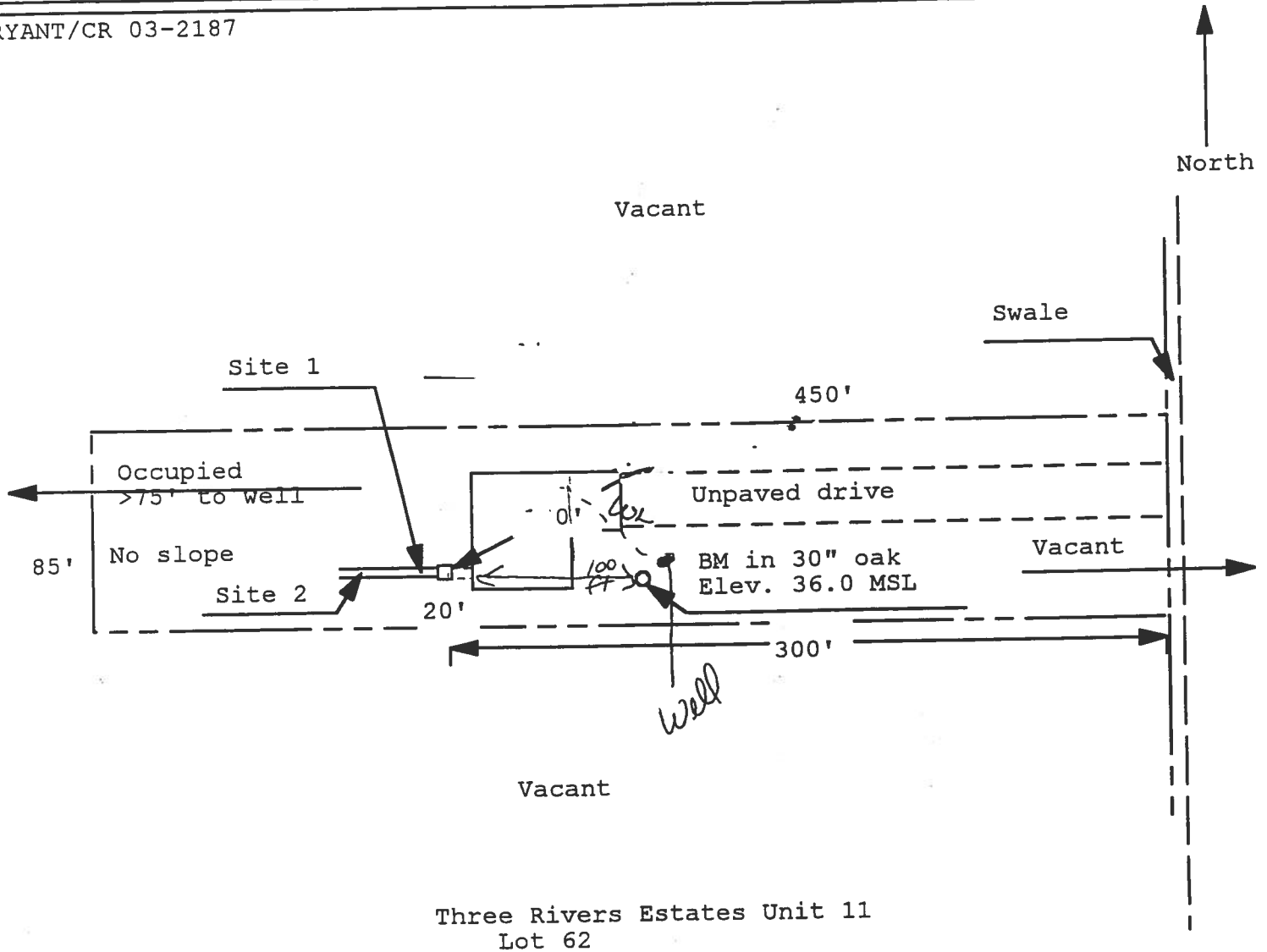
Date

Building Official/Representative

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0288N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BRYANT/CR 03-2187



1 inch = 70 feet

Site Plan Submitted By [Signature] Date 3/17/05
Plan Approved [Signature] Not Approved _____ Date _____

By [Signature] CPHU

Notes: Shirlette Bryant 3/17/05

Mr DZ 3-21-05 appr
Cdnbin CHD

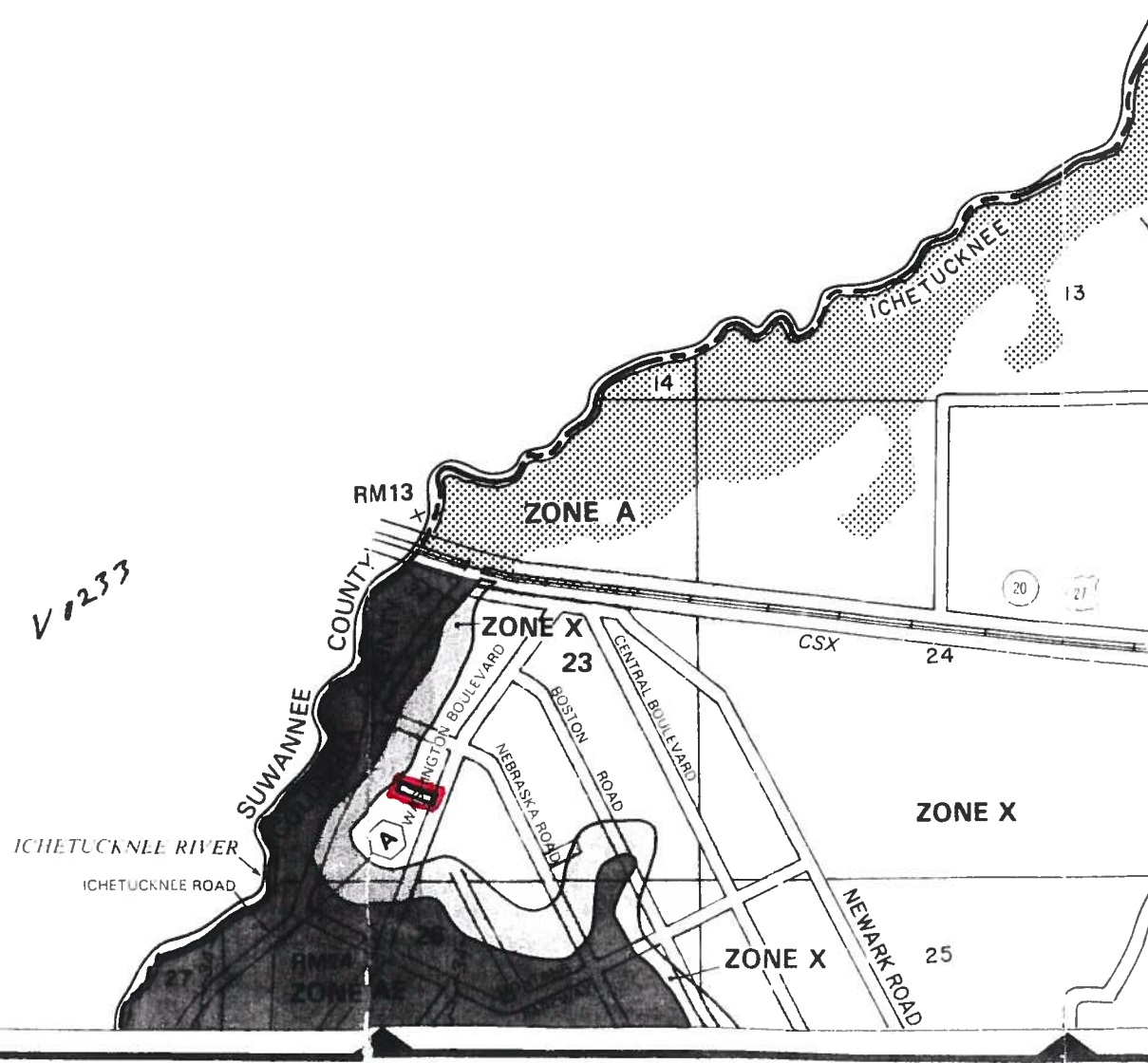
COUNTY

2

1

0503-52

V1233



ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

RYANT/CR 03-2187

North

Vacant

Swale

Site 1

450'

Occupied

>75' to well

85'

No slope

Site 2

20'

Unpaved drive

BM in 30" oak
Elev. 36.0 MSL

Vacant

300'

Well

Vacant

Variance

10

25

227

188

Three Rivers Estates Unit 11

Three Rivers Estates Unit 11
Lot 62

1 inch = 70 feet

Site Plan Submitted By _____ Date _____
Plan Approved) / Not Approved _____ Date _____

By CPHU

Notes: Theresa & Mary 3/17/05

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 00860-002

1. Description of property: (legal description of the property and street address or 911 address)
Unit 11 Lot 62 Three River Estates Columbia Co.
586 SW Washington Ave. Ft White FL 32038
Lot 62 of "Three Rivers Estate, Section 11" AS per plat
thereof recorded in plat book 3, page 54 at the public
Records of Columbia County, FL Township 6 South, Range 15 E
2. General description of improvement: Build Single Family Dwelling
3. Owner Name & Address Steve & Georgette Bryant POB 2006 Boy's Ranch
Interest in Property FL 32064
4. Name & Address of Fee Simple Owner (if other than owner): —
5. Contractor Name Steve Bryant Phone Number (386) 842-5352
Address Same as above
6. Surety Holders Name —
Address — Inst: 2005006373 Date: 03/17/2005 Time: 16:16
Amount of Bond — MK DC, P. DeWitt Cason, Columbia County B: 1040 P: 2779
7. Lender Name None
Address —
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name SAM PEAVY Phone Number (386) 364-5631
Address 12990 104th PL. LIVE OAK FL 32060
9. In addition to himself/herself the owner designates SAM PEAVY of
12990 104th PL. LO. FL. to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee (386) 364-5631
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified) —

NOTICE AS PER CHAPTER 713, Florida Statutes:

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

Steve Bryant
Signature of Owner

Sworn to (or affirmed) and subscribed before
15th day of March, 2005

NOTARY STAMP/SEAL

Lori Warner
OFFICIAL NOTARY SEAL
LORI WARNER
NOTARY PUBLIC STATE OF FLORIDA
COMMISSION NO. DD053236
MY COMMISSION EXP. AUG. 27, 2005

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949

PHONE: (386) 752-8787 * FAX: (386) 758-1365 * Email: cc911add@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 ISSUED: 18 Aug 02

ENHANCED 9-1-1 ADDRESS:

586 SW Washington Ave (Fort White FL 32038)

Addressed Location 911 Phone Number: N/A

OCCUPANT NAME: N/A

OCCUPANT CURRENT MAILING ADDRESS: PO Box 2006

Boys Ranch, FL 32064

PROPERTY APPRAISER MAP SHEET NUMBER: _____

PROPERTY APPRAISER PARCEL NUMBER: 00-00-00-0080-082

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

ADDRESSING DEPARTMENT ID#: _____

(Addressing Department Use Only, THIS IS NOT AN ADDRESS)

Remarks: Lot 62 Unit 11, Three Rivers Estates S/D

Address Issued By: [Signature]

Columbia County 9-1-1 Addressing Department

COLUMBIA COUNTY
9-1-1 ADDRESSING
APPROVED

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant Plans Examiner

- ☒ ☒ All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
- ☒ ☒ Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed. *william Freeman*

Site Plan including:

- ☒ a) Dimensions of lot
- ☒ b) Dimensions of building set backs
- ☒ c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- ☒ d) Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required

- ☒ a) Plans or specifications must state compliance with FBC Section 1606 *CERTIFICATION by william Freeman*
- ☒ b) The following information must be shown as per section 1606.1.7 FBC
- a. Basic wind speed (MPH) *110*
 - b. Wind importance factor (I) and building category *1.2*
 - c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated *B*
 - d. The applicable internal pressure coefficient *+/- .18*
 - e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

Elevations including:

- ☒ a) All sides
- ☒ b) Roof pitch *4/12 & 8/12*
- ☒ c) Overhang dimensions and detail with attic ventilation *18" Need To Show 2nd Floor VENTILATION detail*
- ☒ d) Location, size and height above roof of chimneys
- ☒ e) Location and size of skylights
- ☒ f) Building height *27' 4" + FOUNDATION*
- ☒ g) Number of stories *2*

Floor Plan including:

- ☒ a) Rooms labeled and dimensioned
- ☒ b) Shear walls *Sheet A-4*
- ☒ c) Windows and doors (including garage doors) showing size, mfg., approval *SPECIFICATION* listing and attachment specs. (FBC 1707) and safety glazing where needed *ON FIX GLASS* (egress windows in bedrooms to be shown)
- ☒ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☒ e) Stairs with dimensions (width, tread and riser) and details of guardrails and *Sheet A-6* handrails
- ☒ f) Must show and identify accessibility requirements (accessible bathroom) *FULL BATH*

Foundation Plan including:

- ☒ a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing *A-4*
- ☒ b) All posts and/or column footing including size and reinforcing *A-4*
- ☒ c) Any special support required by soil analysis such as piling
- ☒ d) Location of any vertical steel

Roof System:

- ☒ a) Truss package including: *ALPINE*
1. Truss layout and truss details signed and sealed by FI. Pro. Eng. *JAMES COLLINS*
 - ☒ 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) *Sheet A-5*
- ☒ b) Conventional Framing Layout including:
1. Rafter size, species and spacing *see sheet A-5*
 2. Attachment to wall and uplift
 3. Ridge beam sized and valley framing and support details
 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

- ☒ a) Masonry wall
1. All materials making up wall
 2. Block size and mortar type with size and spacing of reinforcement
 3. Lintel, tie-beam sizes and reinforcement
 4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
 5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
 6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
 7. Fire resistant construction (if required)
 8. Fireproofing requirements
 9. Shoe type of termite treatment (termicide or alternative method)
 10. Slab on grade
 - a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
 - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
 11. Indicate where pressure treated wood will be placed
 12. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

☒☐**b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
 - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
 - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
 - a. Attic space
 - b. Exterior wall cavity
 - c. Crawl space (if applicable)

☐ N/A☐

- c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout**Electrical layout including:**

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

Energy Calculations (dimensions shall match plans)**Gas System** Type (LP or Natural) Location and BTU demand of equipment**Disclosure Statement for Owner Builders*******Notice Of Commencement Required Before Any Inspections Will Be Done****Private Potable Water**

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.
(386) 758-1058 (Toilett facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is **\$50.00**
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**\$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**\$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Steven Bryant**
Address:
City, State: ,
Owner:
Climate Zone: **South**

Builder: *Steve & Georgette Bryant*
Permitting Office: *Columbton*
Permit Number: *23000*
Jurisdiction Number: *221000*

1. New construction or existing New ☐
2. Single family or multi-family Single family ☐
3. Number of units, if multi-family 1 ☐
4. Number of Bedrooms 1 ☐
5. Is this a worst case? Yes ☐
6. Conditioned floor area (ft²) 2250 ft² ☐
7. Glass area & type Single Pane Double Pane ☐
 - a. Clear glass, default U-factor 108.8 ft² 562.4 ft² ☐
 - b. Default tint 0.0 ft² 0.0 ft² ☐
 - c. Labeled U or SHGC 0.0 ft² 0.0 ft² ☐
8. Floor types ☐
 - a. Slab-On-Grade Edge Insulation R=0.0, 218.0(p) ft ☐
 - b. N/A ☐
 - c. N/A ☐
9. Wall types ☐
 - a. Concrete, Int Insul, Exterior R=7.0, 1744.0 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
 - d. N/A ☐
 - e. N/A ☐
10. Ceiling types ☐
 - a. Under Attic R=30.0, 2475.0 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
11. Ducts ☐
 - a. Sup: Con. Ret: Con. AH: Garage Sup. R=6.0, 50.0 ft ☐
 - b. N/A ☐

12. Cooling systems ☐
 - a. Central Unit Cap: 48.0 kBtu/hr SEER: 12.00 ☐
 - b. N/A ☐
 - c. N/A ☐
13. Heating systems ☐
 - a. Electric Heat Pump Cap: 48.0 kBtu/hr HSPF: 7.40 ☐
 - b. N/A ☐
 - c. N/A ☐
14. Hot water systems ☐
 - a. Electric Resistance Cap: 50.0 gallons EF: 0.90 ☐
 - b. N/A ☐
 - c. Conservation credits ☐

(HR-Heat recovery, Solar
DHP-Dedicated heat pump)
15. HVAC credits PT, CF, ☐

(CF-Ceiling fan, CV-Cross ventilation,
HF-Whole house fan,
PT-Programmable Thermostat,
MZ-C-Multizone cooling,
MZ-H-Multizone heating)

Glass/Floor Area: 0.30

Total as-built points: 30244

Total base points: 30253

PASS

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

PREPARED BY: *John H. Free*

DATE: *3/3/05*

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

OWNER/AGENT: _____

DATE: _____

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



BUILDING OFFICIAL: _____

DATE: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES												
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points					
.18	2250.0	32.50	13162.5	Double, Clear	S	1.5	7.0	144.0	58.45	0.91	7661.4	
				Double, Clear	N	1.5	7.0	18.0	31.93	0.96	549.5	
				Double, Clear	E	1.5	7.0	72.0	68.60	0.94	4649.0	
				Double, Clear	W	1.5	7.0	72.0	61.59	0.94	4176.6	
				Double, Clear	W	1.5	5.0	60.0	61.59	0.88	3263.5	
				Double, Clear	W	1.5	8.0	70.0	61.59	0.96	4137.6	
				Double, Clear	W	1.5	9.0	43.0	61.59	0.97	2572.2	
				Double, Clear	E	1.5	4.0	36.0	68.60	0.83	2040.6	
				Double, Clear	E	1.5	6.0	15.0	68.60	0.92	944.1	
				Double, Clear	E	1.5	6.0	32.4	68.60	0.92	2039.2	
				Single, Clear	E	1.5	8.0	35.0	78.71	0.96	2642.3	
				Single, Clear	E	1.5	4.0	18.6	78.71	0.83	1209.7	
				Single, Clear	W	1.5	4.0	18.6	70.53	0.83	1088.6	
				Single, Clear	W	1.5	2.0	6.0	70.53	0.63	267.1	
				Single, Clear	W	1.5	6.0	30.6	70.53	0.92	1981.2	
				As-Built Total:				671.2				39222.6
WALL TYPES Area X BSPM = Points				Type			R-Value	Area X SPM		=	Points	
Adjacent	0.0	0.00	0.0	Concrete, Int Insul, Exterior		7.0	1744.0	1.60			2790.4	
Exterior	1744.0	2.70	4708.8									
Base Total:				As-Built Total:		1744.0					2790.4	
DOOR TYPES Area X BSPM = Points				Type			Area X SPM		=	Points		
Adjacent	32.6	2.60	84.9	Adjacent Insulated			32.6	2.60			84.9	
Exterior	80.0	6.40	512.0	Exterior Insulated			80.0	6.40			512.0	
Base Total:				As-Built Total:		112.6					596.9	
CEILING TYPES Area X BSPM = Points				Type			R-Value	Area X SPM X SCM		=	Points	
Under Attic	2250.0	2.80	6300.0	Under Attic		30.0	2475.0	2.77 X 1.00			6855.8	
Base Total:				As-Built Total:		2475.0					6855.8	
FLOOR TYPES Area X BSPM = Points				Type			R-Value	Area X SPM		=	Points	
Slab	218.0(p)	-20.0	-4360.0	Slab-On-Grade Edge Insulation		0.0	218.0(p)	-20.00			-4360.0	
Raised	0.0	0.00	0.0									
Base Total:				As-Built Total:		218.0					-4360.0	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT									
INFILTRATION Area X BSPM = Points				Area X SPM = Points									
2250.0 18.79 42277.5				2250.0 18.79 42277.5									
Summer Base Points: 62685.7				Summer As-Built Points: 87383.1									
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Cooling Points
				(DM x DSM x AHU)									
62685.7		0.4266	26741.7	87383.1		1.000	(1.000 x 1.165 x 1.00)	0.284		0.902		26108.0	
				87383.1		1.00	1.165	0.284		0.902		26108.0	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2250.0	2.36	955.8	Double, Clear	S	1.5	7.0	144.0	3.12	1.01	453.1
				Double, Clear	N	1.5	7.0	18.0	4.38	0.99	78.3
				Double, Clear	E	1.5	7.0	72.0	3.30	1.02	241.8
				Double, Clear	W	1.5	7.0	72.0	3.98	1.00	285.9
				Double, Clear	W	1.5	5.0	60.0	3.98	1.00	238.5
				Double, Clear	W	1.5	8.0	70.0	3.98	1.00	277.9
				Double, Clear	W	1.5	9.0	43.0	3.98	1.00	170.7
				Double, Clear	E	1.5	4.0	36.0	3.30	1.03	122.8
				Double, Clear	E	1.5	6.0	15.0	3.30	1.02	50.5
				Double, Clear	E	1.5	6.0	32.4	3.30	1.02	109.2
				Single, Clear	E	1.5	8.0	35.0	4.77	1.02	169.5
				Single, Clear	E	1.5	4.0	18.6	4.77	1.03	91.7
				Single, Clear	W	1.5	4.0	18.6	5.49	1.00	102.3
				Single, Clear	W	1.5	2.0	6.0	5.49	1.02	33.6
				Single, Clear	W	1.5	6.0	30.6	5.49	1.00	167.8
				As-Built Total:				671.2	2593.8		
WALL TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Adjacent	0.0	0.00	0.0	Concrete, Int Insul, Exterior	7.0		1744.0	0.70		1220.8	
Exterior	1744.0	0.60	1046.4								
Base Total:				As-Built Total:		1744.0		1220.8			
DOOR TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Adjacent	32.6	1.30	42.4	Adjacent Insulated			32.6	1.30		42.4	
Exterior	80.0	1.80	144.0	Exterior Insulated			80.0	1.80		144.0	
Base Total:				As-Built Total:		112.6		186.4			
CEILING TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM X WCM		= Points		
Under Attic	2250.0	0.10	225.0	Under Attic	30.0		2475.0	0.10 X 1.00		247.5	
Base Total:				As-Built Total:		2475.0		247.5			
FLOOR TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM		= Points		
Slab	218.0(p)	-2.1	-457.8	Slab-On-Grade Edge Insulation	0.0		218.0(p)	-2.10		-457.8	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		218.0		-457.8			

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
INFILTRATION Area X BWPM = Points				Area X WPM = Points						
2250.0	-0.06	-135.0		2250.0	-0.06	-135.0				
Winter Base Points: 1820.8				Winter As-Built Points: 3655.7						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points
						(DM x DSM x AHU)				
1820.8		0.6274	1142.4	3655.7	1.000	(1.000 x 1.137 x 1.00)	0.461	0.950		1819.6
				3655.7	1.00	1.137	0.461	0.950		1819.6

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										
1		2369.00		2369.0	50.0	0.90	1		1.00	2316.36
					As-Built Total:					2316.4

CODE COMPLIANCE STATUS

BASE						AS-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points
26742		1142		2369	30253	26108		1820		2316	30244

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.1

The higher the score, the more efficient the home.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 48.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	1	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2250 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	108.8 ft ² 562.4 ft ²	a. Electric Heat Pump	Cap: 48.0 kBtu/hr
b. Clear - double pane	0.0 ft ² 0.0 ft ²		HSPF: 7.40
c. Tint/other SHGC - single pane	0.0 ft ² 0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 218.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Concrete, Int Insul, Exterior	R=7.0, 1744.0 ft ²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT, CF,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2475.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Garage	Sup. R=6.0, 50.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

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



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs Energy Gauge Hotline at 888-488-1824.*

Version: FLRCPB v3.30)

Residential System Sizing Calculation

Summary

Project Title:
Steven Bryant

Code Only
Professional Version
Climate: South

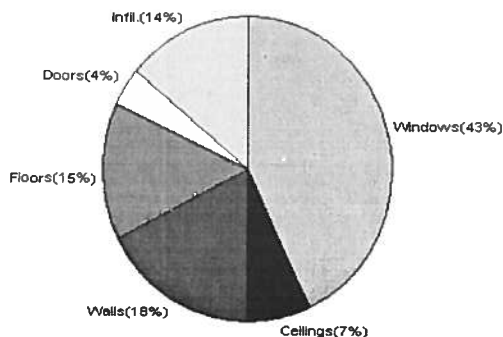
3/3/2005

Location for weather data: Orlando - User customized: Latitude(28) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(44gr.)			
Winter design temperature	38 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	32 F	Summer temperature difference	23 F
Total heating load calculation	38500 Btuh	Total cooling load calculation	44391 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	124.7 48000	Sensible (SHR = 0.5)	60.0 24000
Heat Pump + Auxiliary(0.0kW)	124.7 48000	Latent	546.1 24000
		Total (Electric Heat Pump)	108.1 48000

WINTER CALCULATIONS

Winter Heating Load (for 2250 sqft)

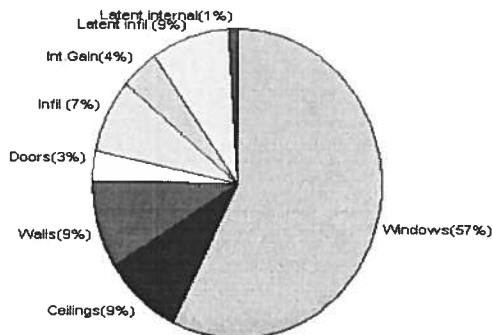
Load component	Load
Window total 671 sqft	16529 Btuh
Wall total 1744 sqft	6802 Btuh
Door total 113 sqft	1510 Btuh
Ceiling total 2475 sqft	2723 Btuh
Floor total 218 ft	5646 Btuh
Infiltration 150 cfm	5291 Btuh
Subtotal	38500 Btuh
Duct loss	0 Btuh
TOTAL HEAT LOSS	38500 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2250 sqft)

Load component	Load
Window total 671 sqft	25509 Btuh
Wall total 1744 sqft	4093 Btuh
Door total 113 sqft	1406 Btuh
Ceiling total 2475 sqft	3861 Btuh
Floor total	0 Btuh
Infiltration 132 cfm	3327 Btuh
Internal gain	1800 Btuh
Subtotal(sensible)	39996 Btuh
Duct gain	0 Btuh
Total sensible gain	39996 Btuh
Latent gain(infiltration)	3935 Btuh
Latent gain(internal)	460 Btuh
Total latent gain	4395 Btuh
TOTAL HEAT GAIN	44391 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: 4/11/05

DATE: 3/3/05

Attention: Weegel

**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000000598**

DATE: 04/08/2005 BUILDING PERMIT NO. 23000
APPLICANT GEORGETTE BRYANT PHONE 386.842.5352
ADDRESS PO BOX 2006 BOYS RANCH FL 32064
OWNER STEVE & GEORGETTE BRYANT PHONE 386.842.2177
ADDRESS 586 SW WASHINGTON AVE FORT WHITE FL 32038
CONTRACTOR OWNER BUILDER PHONE _____
LOCATION OF PROPERTY 47 S, R 27, L INTO 3 RIVERS EST, L UTAH, R WASHINGTON, GO
APPROX HALF A MILE ON THE RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT 3 RIVERS EST 62 11
PARCEL ID # 23-6S-15-00860-002

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE: Georgette Bryant

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE
CULVERT WAIVER IS:

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: No Culvert Needed

SIGNED: [Signature] DATE: 04/12/05

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

COLUMBIA COUNTY

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

APR 11 2005
PUBLIC WORKS DEPT.





Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

23000

JOB NO.: 05-247
DATE TESTED: 05/25/05
DATE REPORTED: 05/25/05

REPORT OF IN-PLACE DENSITY TEST

PROJECT:	Bryant Residence, Ft. White, Florida
CLIENT:	Precast Systems, Inc., PO Box 24, Mayo, FL 32066, ATTN: Jeff Mowry
GENERAL CONTRACTOR:	Precast Systems, Inc.
EARTHWORK CONTRACTOR:	Precast Systems, Inc.
INSPECTOR:	Wayne O. Hygema
ASTM METHOD	SOIL USE
(D-2922) Nuclear	BUILDING FILL
SPECIFICATION REQUIREMENTS: 95%	

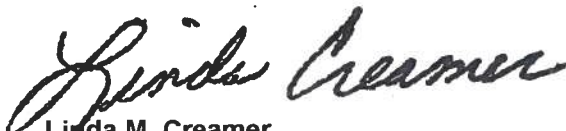
TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft ³)	MOISTURE PERCENT	DRY DENSITY (lb/ft ³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
FOOTING								
1	East Footing, Approx	6"	113.0	10.4	102.4	1	107.1	95.6%
2	West Footing, Approx	6"	113.2	8.6	104.2	1	107.1	97.3%
PAD								
3	Approx Center	12"	112.6	9.4	102.9	1	107.1	96.1%
4	Northeast Corner	12"	110.0	7.2	102.6	1	107.1	95.8%

REMARKS:

The Above Tests Meet Specification Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
1	Lt Tan Sand	107.1	10.8	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.



Linda M. Creamer
President - CEO

sr

Reviewed By:



Date: 5/25/05
Florida Registration No: 52612

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

"Excellence in Engineering & Geoscience"

COLUMBIA COUNTY
OFFICE

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 23-6S-15-00860-002

Building permit No. 000023000

Use Classification SFD, UTILITY

Fire: 41.44

Permit Holder OWNER BUILDER

Waste: 85.75

Owner of Building STEVE & GEORGETTE BRYANT

Total: 127.19

Location: 586 SW WASHINGTON AVE(3 RIVERS EST.LOT 62,UNIT 11)

Date: 03/27/2006

Henry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



DATE 04/08 2005

Columbia County Building Permit**PERMIT****This Permit Expires One Year From the Date of Issue****000023000**

APPLICANT GEORGETTE BRYANT PHONE 386 842.5352
 ADDRESS PO BOX 2006 BOYS RANCH FL 32064
 OWNER STEVE & GEORGETTE BRYANT PHONE 386 842.2177
 ADDRESS 586 SW WASHINGTON AVE FORT WHITE FL 32038
 CONTRACTOR OWNER BUILDER PHONE _____
 LOCATION OF PROPERTY 47 S, R 27, L INTO 3 RIVERS, L UTAH, R WASHINGTON.
APPROX. HALF MILE ON THE RIGHT
 TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 112500.00
 HEATED FLOOR AREA 2250.00 TOTAL AREA 3309.00 HEIGHT 28.00 STORIES 2
 FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB
 LAND USE & ZONING A-3 MAX. HEIGHT 35
 Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
 NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 23-6S-15-00860-002 SUBDIVISION 3 RIVERS ESTATES
 LOT 62 BLOCK _____ PHASE _____ UNIT 11 TOTAL ACRES .88

000000598 Y Georgette Bryant
 Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
 WAIVER 05-0288-N BK Y
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE, FLOOR 1 FOOT ABOVE THE ROAD
V 0223 APPROVED FOR 10 FOOT SETBACK ON SIDE LOT LINE

Check # or Cash 3192**FOR BUILDING & ZONING DEPARTMENT ONLY**

(footer/Slab)

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

BUILDING PERMIT FEE \$ 565.00 CERTIFICATION FEE \$ 16.55 SURCHARGE FEE \$ 16.55