DATE $04/1$	3/2004	Colun	ibia Cou	inty B	uilding P	ermit	<b>PERMIT</b>
APPLICANT	BLAKE JO		rmit Expires	One Year I	From the Date PHONE	of Issue 850-228-2	000021727
ADDRESS	2535	W TENNESSEE	ST		ALLAHASSEE	830-228-2	FL 32304
OWNER		NE ACUNA	<u> </u>		PHONE	386-454-8	
ADDRESS	396	SW QUAIL PLA	CE	FC	ORT WHITE	200 121 0	FL 32038
CONTRACTO		RVIN SMITH/JIM			PHONE	850-576-1	
LOCATION O	OF PROPER	TY 441 SO	UTH, L 778, L FO	ORTUNE WA	— Y, R QUAIL PLA	CE, SITE ON I	LEFT
			E # 369 ON MAIL				
TYPE DEVEL	OPMENT	SFD,UTILITY		ESTIMA	TED COST OF C	ONSTRUCTIO	ON 94300.00
HEATED FLO	OOR AREA	1886.00	TOT	TAL AREA	2103.00	HEIGHT	23.90 STORIES 2
FOUNDATIO	N CONC	CRETE WA	ALLS FRAMED	ROOF	PITCH <u>7/12</u>		FLOOR SLAB
LAND USE &	ZONING	A-3			MA	X. HEIGHT	35
Minimum Set I	Back Requir	ments: STREE	T-FRONT	30.00	REAR	25.00	SIDE _25.00
NO. EX.D.U.	1	FLOOD ZON	E <u>X</u>	DEV	ELOPMENT PER	RMIT NO.	
PARCEL ID	18-7S-17-	10013-028	SUB	DIVISION	COLUMBIA ACI	RES	
LOT 28	BLOCK	PHASE	u	NIT	тот	AL ACRES	10.00
EXISTING Driveway Conn COMMENTS: NOC ON FILE	nection	Culvert Waiver 04-0295-N Septic Tank Number			cked by Ap	proved for Issu	ner/Contractor  N  nance New Resident
THIS SFD WILI	L BE REPLA	ACING THE EXIST	TING MH			Check # or	Cash 1010
		FOR B	UILDING & 2	ZONING D	EPARTMENT	ONLY	(f4(Cl-1)
Temporary Pow	/er		Foundation	L		Monolithic	(footer/Slab)
	-	date/app. by		date	e/app. by	_	date/app. by
Under slab roug	h-in plumbii			Slab		Sheathi	ng/Nailing
Framing			app. by		date/app. by	N/C	date/app. by
	date/app	. by	Rough-in plur	nbing above sl	ab and below woo	d floor	date/app. by
Electrical rough			_ Heat & Air D	uct		Peri. beam (Li	en e
		date/app. by		da	ate/app. by	ren. beam (Er	date/app. by
Permanent power		e/app. by	C.O. Final	4-1-1-		Culvert _	1.1.1. 1
M/H tie downs, b		ctricity and plumbin	ng	date/ap	p. by	Pool	date/app. by
		tion for a conservative of the control and an experimental services and the control and a control an		date/app. by		: ::::::::::::::::::::::::::::::::::::	date/app. by
Reconnection	da	te/app. by	Pump pole	date/app. b	Utility Po	date/app.	by
M/H Pole		0.0000000000000000000000000000000000000	avel Trailer		540 	Re-roof	- 550/ 
date	e/app. by			date/app	o. by		date/app. by
BUILDING PER	MIT FEE \$	475.00	CERTIFICATI	ON FEE \$	10.52	SURCHAR	GE FEE \$ 10.52
MISC. FEES \$	.00	ZONINO	G CERT. FEE \$	50.00 F	RE FEE \$	WAS	STE FEE \$
FLOOD ZONE I				¥			
LUOUDZANAI	JE V ELA IPIO	ENT FEE \$	CHIV	FRTFFF		TOTAL P	ETC 546 04
INSPECTORS O		SENT FEE \$ / -	CULV	ERT FEE \$	LERKS OFFICE	TOTAL FI	EE 546.04

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

Columbia County Building Permit Application For Office Use Only 3-10-04 Application # 0403-39 Permit # Application Approved by - Zoning Official BLK Date 3-18-04 Plans Examiner JK Date 3-18-04 Flood Zone \_\_\_\_\_\_ Development Permit \_N/A \_\_ Zoning \_\_A-3 \_\_ Land Use Plan Map Category \_ Comments White Marvin Fee Simple Owner Name & Address Bonding Co. Name & Address Architect/Engineer Name & Address 3679 3 Morgag Mortgage Lenders Name & Address 129146 Same 75-181 **Estimated Cost of Construction** Property ID Number 28 Block **Subdivision Name** Number of Existing Dwellings on Property Type of Construction Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Lot Size Actual Distance of Structure from Property Lines - Front 670 Side 211 Side Total Building Height 23**Number of Stories** Heated Floor Area <u>1886</u> **Roof Pitch** 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 WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. Owner Builder or Agent (Including Contractor) **Contractor Signature** Contractors License Number

Personally known or Produced Identification Notary Signature

Competency Card Number\_

**NOTARY STAMP/SEAL** 

STATE OF FLORIDA

COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

day of

#### 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

<b>GENERAL</b>	<b>L REQUIREME</b>	NTS: Two (2) complete sets of plans containing the following:
Applicant	Plans Examine	
		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.
	₽ BK	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.
	Ø	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  b) The following information must be shown as per section 1606.1.7 FBC  a. Basic wind speed (MPH)  b. Wind importance factor (I) and building category  c. Wind exposure – if more than one wind exposure is used, the wind
		<ul> <li>exposure and applicable wind direction shall be indicated</li> <li>d. The applicable internal pressure coefficient</li> <li>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 specifally designed by the registered design professional</li> </ul>
o o o o o		Elevations including:  a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height
		e) Number of stories

	//	Floor Plan including:
		a) Rooms labeled and dimensioned
		b) Shear walls
	□ <b>*</b>	c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
	ONLA	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 handrails
		f) Must show and identify accessibility requirements (accessible bathroom)  Foundation Plan including:
		<ul> <li>a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing</li> </ul>
	D 1/2	b) All posts and/or column footing including size and reinforcing
	- NA	<ul> <li>c) Any special support required by soil analysis such as piling</li> </ul>
		d) Location of any vertical steel
	100	Roof System:
	DNA	a) Truss package including:
		<ol> <li>Truss layout and truss details signed and sealed by Fl. Pro. Eng.</li> <li>Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)</li> </ol>
		b) Conventional Framing Layout including:
		<ol> <li>Rafter size, species and spacing</li> </ol>
		<ol><li>Attachment to wall and uplift</li></ol>
		<ol><li>Ridge beam sized and valley framing and support details</li></ol>
		<ol> <li>Roof assembly (FBC 104.2.1 Roofing systems, materials,</li> </ol>
		manufacturer, fastening requirements and product evaluation with
		wind resistance rating)
	- NA	Wall Sections including: a) Masonry wall
<u>.</u>	יין איי	All materials making up wall
		Block size and mortar type with size and spacing of reinforcement
		3. Lintel, tie-beam sizes and reinforcement
		<ol> <li>Gable ends with rake beams showing reinforcement or gable truss and wall bracing details</li> </ol>
		5. All required connectors with uplift rating and required number and
		size of fasteners for continuous tie from roof to foundation
		<ol><li>Roof assembly shown here or on roof system detail (FBC 104.2.1</li></ol>
		Roofing system, materials, manufacturer, fastening requirements
		and product evaluation with resistance rating)
		<ol><li>Fire resistant construction (if required)</li></ol>
		8. Fireproofing requirements
	40	9. Shoe type of termite treatment (termiticide or alternative method)
		10. Slab on grade
		<ul> <li>Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)</li> </ul>
		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)

10. Show type of termite treatment (termiticide or alternative method) Slab on grade a. Vapor retarder (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) DNA 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 П 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) П f) Appliances and HVAC equipment g) Arc Fault Circuits (AFCI) in bedrooms 0 **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 Private Potable Water a) Size of pump motor b) Size of pressure tank c) Cycle stop valve if used

b) Wood frame wall

1.

All materials making up wall

Sheathing size, type and nailing schedule

Fire resistant construction (if applicable)

(truss anchors, straps, anchor bolts and washers)

and product evaluation with wind resistance rating)

Gable end showing balloon framing detail or gable truss and wall

All required fasteners for continuous tie from roof to foundation

Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements

Size and species of studs

Headers sized

hinge bracing detail

Fireproofing requirements

# THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

- Building Permit Application: A current Building Permit Application form is to be completed and submitted for all residential projects.
- 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.
- 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 (Toilet facilities shall be provided for construction workers)
- 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 br submitted by the owner or contractor to this office when applying for a Building Permit.
- 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 \$10.00
- Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$5.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$25.00). 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) 758-8787

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

THIS INSTRUMENT PREPARED BY:
Without It. Crawford, House:
Post Office Dox 15103
Tallabasser, 11, 32317
Authorsy for Inn Walter Houses
overly at title opens a construct)
clearly doserfiction sugglishing observa-

Tooking\*foronat71 D.A.: 17/16/2014 ToolsetSit\* Doc Starra-Cond : 0.76 コンド (と po,7.05 The Sason,Code this Sounds Endis FileS)

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12000 111.1

OTIC AND THE

THIS QUITCLAIDS DESC, mode this 27 day of January, 2004, between MARLANNE ACUNA, a married women, whose address is, 369 S.W. Quali Place. P., White FL 22038 hereinafter called the Grenton, and MARIANNE ACUNA, and ROBERT ACUNA, bushand and wife, whose address is, 369 S.W. Quali Place. Pt. White, Pt. 22038, hardingfor called the Grantees.

#### WITNESSETE:

That the Grantors, for and in consideration of the sum of Ten and Ne.100 Dellers (\$10,00), and other good and valuable consideration, to the Grantors in hand prid by the Grantoes, the receipt of which is hereby acknowledged, has remised, released and gritteleined, and by this deed does remise, release and autotalin mute the Grantoes, the heirs and assigns of the Grantoes become, all of the right, title, interest, claim and domand which the Grantoes has in and to the following described real property situate in Columbia County, State of Florida, to-wit:

See Exhibit " " Arteched Hereto And Incorporated Herein.

TO BAVE AND TO FOLD the same, together with all and diagrains the appartenances thereunto belonging or in mywise appartaining, and all of the estate, right, title, interest, and claim whatsoever of the Grantons, either in law or in artists, to the only proper use, is made and belocal of the Grantons, the being and assigns of the Grantons of the control of the Chapter of the control of the chapter of the chap

IN MITTHESS INVERSION, the General here he conto showed their names and affined his/her scal fee day and year first above written.

WITNESSES

Elker in Jerofi

Profit Sources 1

Mariandan.

STATE OF FLORIDA COUNTY OF Columbia

\*\*HENTIM CRNUTTY that are thing by hading major is fine of dignortherinal to the state afforested and in the Double of majority to be redescribed in a specific process. ALLINA, to me known to be the remainder of the major professor. Date of the remainderination, and who exceed to the Deposition instrument, and the information of some.

WTTNESS my hand and oblight part in the County and stone that the couple of an unity, 200 k.

Indicated to Comments

Compared to Comments

Mindicated to Comments

Mindicated to Comments

Printed Names: Adv. and 10 - Com. My commission enginest 2,771,70%

### EXHIBIT "A"

, R. `

DESCRIPTION: (NEW TRACT)
COMMENCING at a Permanent reference manument marking the Northwest corner of Lot 28 of Columbia Acres a Subdivision recorded in Plat Book 4, Pages 42A and 42B located in Section 18, Township 07 South, Range 17 East, Columbia County, Florida; thence run South 01 degree 44 minutes 44 seconds East, along the West boundary line of Lot 28, a distance of 599.46 feet to the POINT OF BEGINNING; thence run North 88 degrees 00 minutes 15 seconds East, 350.08 feet to the East boundary line of said Lot 28, thence run South 01 degree 42 minutes 42 seconds East, 634.93 feet to the South boundary line of said Lot 28; thence run South 88 degrees 00 minutes 15 seconds West, 349.71 feet to the West boundary line of said Lot 28; thence run North 01 degrees 47 minutes 34 seconds West, 634.92 feet to the Point of Beginning. New parcel contains 5.10 scres more or less.

DESCRIPTION: 30' EASEMENT INCRESS AND EGRESS
BECINNING at a Permanent reference monument marking the
Northwest corner of Lot 28 of Columbia Acres a Subdivision
recorded in Plat Book 4, Pages 42.\(^\) and 428 located in Section
18, Township 07 South, Range 17 East, Columbia County, Florida;
thence run South 01 degree 44 minutes 44 seconds East, along
the West boundary line of Lot 28, a distance of 599.46; thence
run North 88 degrees 00 minutes 15 seconds East, 30.00 feet;
thence run North 01 degree 44 minutes 44 seconds West, 599.78
feet to the South right of way of Quali Run Road; thence run
South 87 degrees 23 minutes 34 seconds West along said South
right of way 30.00 feet to the POINT OF BEGINNING.

Inst:2004002670 Date:02/06/2004 Time:15:17
Doc Stamp-Deed: 0.70
DC,P.DeWitt Cason,Columbia County B:1006 P:1358



# STATE OF FLORIDA DEPARTMENT OF HEALTH ONSITE SEWAGE DISPOSAL SYSTEM APPLICATION FOR CONSTRUCTION PERMIT Authority: Chapter 381, FS

ENTRAX#	:	12-SC-05491
EE PAID	4	\$
RECEIPT	:	
STDSNBR:		04-0295-N

APPLICATION FOR:						
X ] New System ] Repair	[ ] Existing System [ ] Abandonment	1	] Holding Tank ] Temporary	[ NA ]	Innovative	
APPLICANT: Ac	una, Marianne			TELEPHO	NE: <b>850 228-2</b>	2034
AGENT: 00-000149	, Jim Walter Ho, Jim Wal	te				
MAILING ADDRESS:	2535 W. Tennessee St. Tal					
	PPLICANT OR APPLICANT'S AUTH RTINENT FEATURES REQUIRED BY					
PROPERTY INFORMATIO	ON [IF LOT IS NOT IN A RECORDED	SUBDIVISION, ATTA	CH LEGAL DESCRIPTION	OR DEED]		
LOT:	BLOCK: SUE	DIVISION:	Columbia Acres		PLATTED:	2/3/80
PROPERTY ID #:	17-7\$-18-10013-028		ZONING:	1/N	OR EQUIVALENT:	[Y/N]
PROPERTY SIZE:	5.00 ACRES [Sqft/435	60]	PROPERTY WATER SUI	PPLY: [	X ] PRIVATE	[ ] PUBLIC
IS SEWER AVAILABLE AS	S PER 381.0065, FLORIDA STATUTE	S?[Y/N]DISTANO	DE TO SEWER:FT			
PROPERTY STREET ADD		uail Place, Fort White				
DIRECTIONS TO PROPE 441 South to C-778 TR	go 1 8/10 mile to Fortune Way TL g	o 1 Blk to Quail Plac	e TR site is on left House	#369 posted on Mail B	ox. call before going 386-4	454-8838.
BUILDING INFORMATION	x ] ı	] RESIDENTIAL	1	] COMMERCIAL		
Unit Type of	v	No. of	Building	# Persons	Business Activity	
No Establishmen	nt .	Bedrooms	Area Sqft	Served	For Commercial Only	
1 3 Bdrm Si	ngle/Multi Fa	3	1886	4		
		10#/0			-	
[ ] Floor/Equipment Dr	11 friend	1 Other (S	ресну			
	etes previous editions which may not b		1	Control of Control of the Control of	_ DATE: <u>3/10/04</u>	
(Stock Number: 5744-0	01-4015-1) [ostds	_appl_4015-1]				Page 1 of 4

8505757736

JIM WALTER-PLANTATION

Jim Walter Homes

FORM 600A-2001

Project Name:

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Builder:

Address: City, State: Owner: Climate Zone: North	- CANTATION	Permitting Office: Columber: 2,177  Jurisdiction Number: 2,27	, ,	
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 area & type     a. Clear - single pane	New	12. Cooling systems a. Central Unit b. N/A c. N/A 13. Heating systems	Cap: 36.0 kBtu/hr SEER, 12.00	-
b. Clear - double pane c. Tint'other SHGC - single pane d. Tint'other SHGC - double pane 8. Floor types a. Raised Wood, Post or Fier b. N/A	235.0 ft <sup>2</sup>	a. Electric Heat Pump b. N/A c. N/A	Cap: 36.0 kBtu/hr HSPF: 6.30	- - - -
c. N/A.  9. Wall types a. Frame, Wood, Exterior b. N/A c. N/A d. N/A. c. N/A	R=11.0, 1570.0 th <sup>2</sup>	14. Hot water systems a. Electric Resistance b. N/A c. Conservation credits (HR-Heat recovery, Solar	Cap: 50.0 gallons EF: 0.90	<u>-</u>
<ul> <li>10. Ceiling types</li> <li>a. Under Attic</li> <li>b. N/A</li> <li>c. N/A</li> <li>11. Duots</li> <li>a. Sup: Unc. Ret. Unc. AH: Interior</li> <li>b. N/A</li> </ul>	R=30.0, 1886.0 ft	DHP-Dedicated heat pump)  15. HVAC credits (CF-Celling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thormostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)		_
Glass/Floor Area: 0	7.12 Total as-built p	points: 27740 PASS		

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

PREPARED BY: SUNCOAST INSULATORS 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:		

EnergyGauge® (Version; FLRCSB v3.2)

### **WATER HEATING & CODE COMPLIANCE STATUS**

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

	E	BASE			AS-BUILT										
WATER HEA Number of Bedrooms	TING	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X		Multiplier			Total		
3		2746.00		8238.0	50.0	0.90	3	facilitation of the	1.00	2684.98		1.00	8054.9		
					As-Built To	stal:							8054.9		

				CODE	CC	MPLI	ANCE	ST	ATUS	3	o - 11 - 18500 No. Mario	**********	
	BAS			AS-BUILT									
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	2	Total Points
10541		9630		8238		28310	11241	OTHER DESIGNATION OF THE PERSON OF THE PERSO	8444		8055		27740

**PASS** 



EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FiaRES'2001 FLRCSB v3.2

### WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

	AS-BUILT													
Winter Base	P	oints:	15190.1	Winter As	-B	uilt P	oir	nts:					1	4488.6
Total Winter 3	X	System = Multiplier	Heating Points	Total Component	X	Cap Ratio		Duct : Multiplier M×DSM×AH	1	System Multiplier		Credit Multiplier	=	Heating Points
15190.1		0.6274	9530.3	14488.6 <b>14488.6</b>		1.000	(1.0	069×1.169×1	0.93	0.501 <b>0.501</b>		1.000		8444.0 <b>444.0</b>

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.2

### WINTER CALCULATIONS

# Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

	BASE	;				AS-	BU	LT	- Williams	on Coduces		MINIOUN INVEN	
GLASS TYPES .18 X Condition Floor Are		WPM =	Points	Type/SC		rhang Len		Area	χV	VPM	х	WOF	= Point
.18 1886.	0	12.74	4325.0	Double, Clear	N	1.3	5.5	34.0		4.30	THE PERSON	1.00	487.4
				Double, Clear	E	1.3	6,0	75.0		9.09		1.03	701.3
				Double, Clear	S	2.0	6,0	15.0		4.03		1.26	76.1
				Double, Clear	W	2.0	6.0	111.0	1	0.77		1.04	1246.0
				As-Built Total:				235.0					2510.8
WALL TYPES	Area X	BWPM	= Points	Туре		R-1	<b>Val</b> ue	Are	ea >	W	PM	202	Points
Adjacent Exterior	0.0 1570.0	0.00 3.70	0.0 5809.0	Frame, Wood, Exterior		STERNING TO	11.0	1570.0		3.	70		5809.0
Base Total:	1670.0		5809.0	As-Built Total:				1670.0		Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Ow	Luneum		5809.0
DOOR TYPES	Area X	BWPM	= Points	Туре				Are	a X	W	PM	=	Points
Adjacent Exterior	0,0 40.0	0,00 12.30	0.0 492.0	Exterior Wood	W-II	emodernatique		40.0		12.	30	B SCHIMBION	492.0
Base Total:	40.0		492.0	As-Built Total:		•	***************************************	40.6					492.0
CEILING TYPES	Area X	BWPM	= Points	Туре	R-	Value	Ar	ea X	WPI	u x v	VCI	M =	Points
Under Attic	1886.0	2.05	3866.3	Under Attic	PATHILIDE MARINITAN		30.0	1886.0	2.0	5 X 1.	00	ene de medical de la co	3868.3
Base Total:	1886.0		3866.3	As-Built Total:		Wilder Street		1988.0		West Water	ARCOID:	<b>Shippings</b>	3966.3
FLOOR TYPES	Area X	BWPM	= Points	Туре		R-V	/alue	Are	ea X	W	ÞΜ	=	Points
Slab	0.0(p)	0.0	0.0	Raised Wood, Post or Pier	-	TALMIDERAN	11.0	1886.0	and and the	1.	55	16/0150	2923.3
Raised	1886.0	0.96	1810.6										
Base Total:			1810.6	As-Built Total:	No transcription	I FM ON HER		1886.0	morugan	DISTRICTANA	Abdim		2923.3
INFILTRATION	Area X	BWPM	= Points					Are	аХ	W	PM	=	Points
	1886.0	-0.59	-1112.7				OF STREET, STR	188	36.0	-A	).59	Capital Services	-1112.7

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### **SUMMER CALCULATIONS**

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

	BASE		AS-BUILT									
Summer Bas	se Points:	24709.9	Summer A	s-Built	Points:	34739.5						
Total Summer Points	X System Multiplier	= Cooling Points	Total Component	X Cap Ratio	X Duct X System Multiplier Multiplie (DM x DSM x AHU)	(B.) ( )						
24709.9	0.4266	10541.2	34739.5 <b>34739.5</b>	1.000	(1.090 x 1,147 x 0,91) 0.284 1.138 0.284							

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# **SUMMER CALCULATIONS**

# Residential Whole Building Performance Method A - Details

ADDRESS:,,, PERMIT #:

	BASE	97 E				AS-	BUI	LT				
GLASS TYPES .18 X Condition Floor Are		SPM =	Points	Type/SC	Ove	rhang Len	Hgt	Area X	SPI	M X	SOF	= Points
.18 1886,0	)	20.04	6803.2	Double, Clear	N	1.3	5.5	34.0	19.3	22	0.94	615.6
				Double, Clear	E	1.3	6.0	75.0	40.2		0.93	2813.6
				Double, Clear	S	20	6.0	15.0	34.5	50	0.78	401.6
				Double, Clear	W	2.0	6.0	111.0	36.9	99	0.85	3487.2
				As-Built Total:				235.0				7317.9
WALL TYPES	Area X	BSPM	= Points	Туре		R-1	/alue	Area	×	SPN	=	Points
Adjacent Exterior	0.0 1570,0	0.00 1.70	0.0 2669.0	Frame, Wood, Exterior			11.0	1570.0	useum r <sub>ib</sub> o	1.70		2669.0
Base Total:	1570.0		2889.0	As-Built Total:				1570.0				2669.0
DOOR TYPES	Area X	вѕрм	= Points	Туре				Area	Х	SPN	=	Points
Adjacent Exterior	0.0 40.0	0.00 6.10	0.0 244,0	Exterior Wood			ARK 12 State of	40.0	band die regissen.	6.10		244.0
Base Total:	40.0		244.0	As-Built Total:			400000000000000000000000000000000000000	40.0				244.0
CEILING TYPES	Area X	вѕрм	= Points	Туре	F	R-Value	9 A	rea X S	PM	X SC	M =	Points
Under Attic	1886.0	1.73	3262.8	Under Attic			30.0	1886.0	1.73)	(1.00	do Company	3262.8
Base Total:	1888.0		3262.8	As-Built Total:			· ·	1286.0		WPW-E-SAMUM		3282.8
FLOOR TYPES	Area X	ВЅРМ	= Points	Type		R-V	'alue	Area	х	SPM	=	Points
Slab	0.0(p)	0.0	0.0	Raised Wood, Post or Pier	6.500H		11.0	1886.0	terror to	1.05	-	1989.7
Raised	1886.0	-3,99	- <b>7525</b> .1									,555.7
Base Total:			-7528.1	As-Built Total:		HISTOCOLUM		1886.0		Maria di Santa da Maria da Ma	Marian	1989.7
INFILTRATION	Area X	BSPM	= Points					Area	х	SPM	=	Points
	1886.0	10.21	19256,1					1886.0	)	10.21	//Ye	19256,1

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CODWETEN

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

### ESTIMATED ENERGY PERFORMANCE SCORE\* = 83.4

The higher the score, the more efficient the home.

IVET RES.,,,
--------------

1.	New construction or existing	New		12.	Cooling systems		
2.	Single family or multi-family	Single family			Central Unit	Cap: 36.0 kBtu/hr	
3.	Number of units, if multi-family	1				SEER: 12.00	
4.	Number of Bedrooms	3	-	'n	. N/A	SEEK: 12.00	
5.	Is this a worst case?	Yes					Purch
6.	Conditioned floor area (ft²)	1886 ft²			N/A		-
7.	Glass area & type			-	14/12		-
8.	Clear - single pane	0.0 ft <sup>2</sup>		13	Heating systems		
Ь.	Clear - double pane	235.0 €	90/400		Electric Heat Pump		
	Tint/other SHGC - single pane	0.0 ft²	*****	es.	Listine Real Fump	Cap: 36.0 kBtu/hr	
	. Tint/other SHGC - double pane	0.0 ft²		5	N/A	HSPF: 6.80	_
8.	Floor types	0.0 20			IVA		_
a.	Raised Wood, Post or Pier	R=11.0, 1886.0ff	-		N/A		_
	N/A	N 11.0, 1000.01		Ú.	NA		
c.	N/A			1.4	**		-
	Well types				Hot water systems		
	Frame, Wood, Exterior	R=11.0, 1570.0 ft		a,	Electric Resistance	Cap: 50.0 gallons	
	N/A	K-11.0, 1570.0 ft	-		Ma	EF: 0.90	_
c.	N/A		-	U.	N/A		-
d.	N/A		-		Conservation credits		
٤.	N/A		-	C.			
10.	Ceiling types				(HR-Heat recovery, Soler		
	Under Attic	R=30.0, 1886.0 ft <sup>2</sup>		16	DHF-Dedicated heat pump) HVAC credits		
b.	N/A	1. 50.0, 1000.0 jt					
c.	N/A				(CF-Ceiling fan, CV-Cross ventilation,		
17.	Ducts				HF-Whole house fan,		
8.	Sup: Unc. Ret; Unc. AH: Interior	Sup. R=6.0, 50.0 ft	_		PT-Programmable Thermostat, RB-Attic radiant barrier.		
	NA	oup. 10 0.0, 50.0 It	-		MZ-C-Multizone cooling,		
					MZ-H-Multizone heating)		
I cer	tify that this home has complied wit	th the Florida Energ	v Effi	cienc	v Code For Building		
Con	struction through the above energy s	aving features which	h will	he in	stalled (or exceeded)	THE COLUMN TWO IS NOT	
in th	is home before final inspection. Oth	erwise a new EPI.	Disnl	ar Ca	rd mill be completed	OF THE STATE	A
base	d on installed Code compliant featur	res.	D 13pm	ı, ca	a will be completed		B
			-			3	2
Dun	der Signature:		Date:		-		S
						1.	. /
a.dd	ress of New Home:		City/I	FL Zi	p:	CONTRACTOR OF	9

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

EnergyGauge® (Version: FLRCSB v3 2)

# **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.	Oncor
Exterior & Adjacent Walks	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 trues or joint members.  EXCEPTION: Frame floors where a continuous inflitration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC,1.2,3	Between walls & cellings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attle 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 regts	806.1.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 bullt-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.	j
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Inaulation	604.1, 602.1	Ceilings-Min. R-19. Common walts-Frame R-11 or CBS R-3 both sides.  Common ceiling & floors R-11.	

EnergyGauge™ DCA Form 600A-2001

EnergyGauge®/FlaRES'2001 FLRCSB v3.2

Doe Stairups \$6 70 inst:2001017924 Date:09/27/2001 Time:11:08:33 This Instrument Prepared By: loc Staap-Deed: 0.70

C,P. DeWitt Cason. Columbia County 8:936 P:218 David E. Menet, Esq. SALTER, FEIBER, YENSER, MURPHY & HUTSON, PA P.O. Drawer 1589 Gainesville, Florida 32602-1589 Tax Parcel # 17- 7 S- 18 E -10013-028 WARRANTY DEED TIIIS INDENTURE, made on 9.20.0 2001 between SHIRLEY MAGILL, a single person, whose post office address is 5255 SW 78th Street, Miami, FL 33143, Grantor, and MARIANNE ACUNA, a married person, whose post office address is Route 3, 30x 3261, Ft. White, FL 32038, Grantee, WITNESSETH that said Grantor, for and in consideration of the sum of Ten and no/100 (\$10.00) Dollars, and other good and valuable considerations to said Grantor in hand paid by said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee, and Grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to Lot 28, COLUMBIA ACRES, a subdivision according to plat thereof recorded in Plat Book 4, pages 42a and 42b of the Public Records of Columbia County, Florida. SUBJECT TO: taxes for the year 2001 and all subsequent years, easements restrictions of records and applicable zoning laws. TOGETHER WITH a 1982 double-wide mobile home, AMERI HS ID #AFHM03988 and #AFHM03988B, which is permanently affixed to the lands above-described and, as such, is deemed to be a fixture and a part of the real estate. AND SAID GRANTOR does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever. "Grantor" and "Grantee" include the masculine and feminine and singular and plural as the context requires. IN WITNESS WHEREOF, Grantor has hereunto set his hand and seal the day and year first above written. delivered in our presence: EFFREY TEM STATE OF FLORIDA COUNTY OF MIAMI-DADE The foregoing instrument was act nowledged before me on SHIRLEY MAGILL, who is personally known to as identification. .20.01 known to Notary Public - State of Florida Sign: My Commission Expires Mr. Acuna 396-454-8838

Inst:2004006319 Date:03/22/2004 Time:12:30 0.70

Doc Stamp-Deed :

DC,P.DeWitt Cason,Columbia County B:1010 P:628

NE ACUNA

17-75-18-10013-028

### QUITCLAIM DEED

THIS QUITCLAIM DEED made this 22nd day of March 2004, between MARIANNE ACUNA, a married woman, whose address is 369 SW Quail Place, Ft. White, FL 32038, hereinafter called the Grantor, and MARIANNE ACUNA and ROBERT ACUNA, husband and wife, whose address is 369 SW Quail Place, Ft. White, FL 32038, hereinafter called the Grantees,

#### WITNESSETH:

That the Grantor, for an in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00), and other good and valuable consideration, to the Grantor in hand paid by the Grantees, the receipt of which is hereby acknowledged, has remised, released and quitclaimed, and by this deed does remise, release and quitclaim unto the Grantees, the heirs and assigns of the Grantees forever, all of the right, title, interest, claim and demand which the Grantor has in and to the following described real property situate in Columbia County, State of Florida, to wit:

Lot 28 of Columbia Acres, a Subdivision recorded in Plat Book 4, Pages 42a and 42b located in Section 18, Township 07 South, Range 17 East, Columbia County, Florida

TO HAVE AND TO HOLD the same, together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all of the estate, right, title, interest, and claim whatsoever of the Grantor, either in law or in equity, to the only proper use, benefit and behoof of the Grantees, the heirs and assigns of the Grantees forever. The terms Grantor and Grantees shall be deemed to include both the singular and plural where appropriate, and where the masculine gender is used, it shall include masculine, feminine or neuter, where appropriate.

IN WITNESS WHEREOF, the Grantor hereunto signed her name and affixed her seal the day and year first above written.

WITNESSES:

STATE OF FLORIDA COUNTY OF COLUMBIA

I HEREBY CERTIFY that on this day before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgements, personally appeared MARIANNE ACUNA, to me known to be the person described in or who produced a Florida driver license as identification, and who executed the foregoing instrument and did acknowledge before me the execution of same.

WITNESS my hand and official seal in the County and State last aforesaid this QQ

March 2004.

Elizabeth O'Neal Commission #DD214325 Expires: May 21, 2007 Bonded Thru Atlantic Bonding Co., Inc



Engineering

Geotechnical

Environmental

ABORATORIES

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

March 30, 2004

Jim Walter Homes 2535 West Tennessee Street Tallahassee, Florida 32304

Attention:

Blake Jones

Reference:

Proposed Acuna Residence

Quail Place

Columbia County, Florida Cal-Tech Project No. 04-141

Dear Mr. Jones,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for a Jim Walters home to be constructed at the Acuna site near Quail Place in Columbia County, Florida. Our work was performed in conjunction with and authorized by you.

We understand the residence will be single-story and of wood frame construction with support provided by conventional, shallow spread footings. Anticipated foundation loads were not provided; however, we assume column and wall loads will not exceed 25 kips and 2 kips per foot, respectively. Lateral dimensions of the residence are believed to be about 43 feet by 43 feet.

The purposes of our investigation were to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 pounds per square foot and to provide recommendations as appropriate.

#### Site Investigation

The site was investigated by performing two (2) Standard Penetration Test borings advanced to depths of 7.0 feet. The borings were performed at the approximate locations indicated on the attached Boring Location Plan. These locations were selected by our firm using the staked building limits.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6

"Excellence in Engineering & Geoscience"

inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

### **Findings**

The soil borings generally encountered three soil strata. The first layer consists of about 0.5 feet of dark grayish brown or dark tannish gray sand with silt (SP/SM).

The second layer consists of about 4.0 feet of generally very loose, tan or tannish gray sand (SP). The N-values of this layer are on the order of 2 to 4 blows per foot.

The third layer consists of an undetermined thickness of loose to medium dense, grayish tan, orangish tan or gray and orange, sand with clay (SP/SC) or clayey sand (SC). The N-values of this layer range from 5 to 17 blows per foot.

Groundwater was not encountered at the time of our investigation.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

#### Discussion

We have performed a bearing capacity analysis for the immediate bearing soils and have assumed the foundations will have minimum widths of 16 inches and be embedded a minimum of 14 inches. For these foundations and the site soils as encountered, we obtained an allowable bearing capacity of 2,000 pounds per square foot with a factor of safety of about 1.25 against a bearing capacity failure. It is therefore our opinion the subgrade soils within the proposed building area are suitable for shallow foundations and an allowable bearing capacity of 2,000 pounds per square foot. If the proposed foundations are substantially less in width and/or embedment, we recommend an additional bearing capacity analysis be performed.

Due to the generally very loose condition of the existing surface soils to depths of about 4.5 feet, we believe it would be beneficial to proof-roll and then proof-compact the bearing soils in all foundation areas. These bearing soils should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of at least 2 feet. Compaction of the bearing soils will reduce settling of the foundations and thereby reduce the likelihood of distress in the structure.

Our evaluation is based upon the subsurface conditions encountered at this site and as presented within this report. However, subsurface conditions may exist that differ from our findings. We request that we be notified if substantially different subsurface conditions are encountered.

We appreciate the opportunity to be of service on this project and look forward to a continued association. Please do not hesitate to contact us should you have questions concerning this report or if we may be of further assistance.

Respectfully submitted, Cal-Tech Testing, Inc.

Linda Creamer President / CEO

Columbia County Building Department P. O. Drawer 1529

Lake City, Florida 32056-1529

Attn: Gail

John C. Dorman, Jr., Ph.D., P.E. Geotechnical Engineer

> 3/30/04 52612

Ground Water: N/A

Depth (ft) N-Value Soil Description Dark Grayish Brown SAND with SILT (SP/SM) Very Loose, Tan SAND (SP) 5 Loose, Grayish Tan, SLIGHTLY CLAYEY 5 SAND, Trace Cemented Sand (SC) 8 Loose, Orangish Tan SAND with CLAY (SP/SC)

7.0 ft. - Termination of Boring

**B-2** 

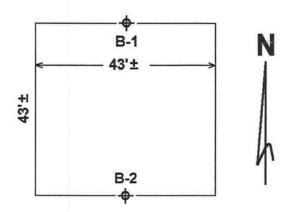
Ground Water: N/A

5

Depth (ft) N-Value Soil Description Dark Tannish Gray SAND with SILT (SP/SM) Very Loose to Loose, Tannish Gray SAND (SP) Loose to Medium Dense, Gray and Orange,

7.0 ft. - Termination of Boring

17 CLAYEY SAND (SC)



Boring Logs and Location Plan: Acuna Residence **Quail Place** Columbia County, Florida



# STATE OF FLORIDA DEPARTMENT OF HEALTH

-- PART II - SITE PLAN---Scale: Each block represents 5 feet and 1 inch = 50 feet. 350 Notes: Site Plan submitted by Date 3:10:04 Plan Approved QUMBIA County Health Department ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT DH 4015, 10/98 (Replaces HRS-H Form 4015 which may be used) (Stock Number: 5744-002-4015-6) Page 2 of 3

# Notice of Commencement

To whom it may concern

The undersigned hereby informs you that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes,

the	following information is sta	ited in this NOTICE	E OF COMMENCEMENT	•	
I.	Description of Property: (	Legal description of	and street address, if avail	lable.)	*
	SEE EXHI	BIT "E" ATTACII	ED HERETO AND MAD	DE A PART THEREOF	
2.	General description of im	provements: CO	NSTRUCT NEW SINGL	E FAMILY RESIDEN	CE
		_	7 / ^	020	
3.	Owner's Information:		Robert Acu		·
		Address: 34		,	ITE F1. 32038
		전기 10km (10km 전기 시간 시간 10km ) [10km (10km ) [10km ) [10km ]	ss of fee simple titleholder		
4.	Contractor Information:	-	ALTER HOMES, INC. /		
			W. TENNESSEE ST., T (850) 575-7736	Telephone No.	
		Fax No. (Opt.)	(830) 373-7730	rerephone ivo.	(830) 370-1130
5.	Surety Information:	Name:	NONE		
	sector from the sector of the sector of the sector.	Address:			
		Amount of Bond:			
		Fax No. (Opt.)		Telephone No.	
6.	Lender Information:	Name: JIM W	ALTER HOMES, INC.		
υ.	Lender Information.		W. TENNESSEE ST., T	ALLAHASSEE, FL 32	304
		Fax No. (Opt.)	(850) 575-7736	Telephone No.	
7.	Identity of persons within			on whom notices or oth	er documents may be served:
		Name:	NONE		
		Address: Fax no. (Opt.)		Telephone No.	
		rax no. (opi.)			
8.			following person to receiv	ve a copy of the Lienor'	s Notice as provided in Section
	713.13(1)(b), Florida Sta		ALTER HOMES, INC.		
		CADINIONAL SILE SUBJECT SERVICES	W. TENESSEE ST., TA	LLAHASSEE, FL 323	04
		Fax No. (Opt.)	(850) 575-7736	Telephone No.	
			***	-	Search 415 Dobo Attrochic Biglis
9.		of Commencement	(the expiration date is 1)	year from the date of re	Carding unless a different date
	is specified:		<	_//////	/
				x a Vite	,
			,	Signature of Owner	
				711	1
			41 Sec. 34	hobert	HCUNA
(Value	~/	,		Print Name	
	ATE OF Forig	a			
	DUNTY OF COLOR	Mbla	12	a	\`
Th	e foregoing instrument w	as acknowledged	before me this	day of	20 04.
by.	M. Santonia da se es secretarios de		personally known to me	or has produced	as
ide	entification and who did/did	not take an oath.		71)	· ( / )
	ng satisfa		,	Signature of Notary P	ublic —
	F. VON	CILE DOW		~ /	
	MY COMMISS	ION # DD 154929 October 3, 2006	8	F Voncu	le Loy!
	Bonded Thru Note	ary Public Underwriters		Printed Name	

Printed Name

PHONE (850)584-2849

FAX(850)584-7609

01-28-04

Date	Inspection	Inspect.	Owner	Pass	Location	Permit
6/15/04	Footer	Randy	Jim Walter Homes - Acuna	OK	Columbia Acres Lot 28	21727
6/15/04	Set Backs	Randy	Jim Walter Homes - Acuna	OK	Columbia Acres Lot 28	21727
7/08/04	Lintel	Randy	Jim Walter Homes	Locked	Columbia Acres Lot 28	21727
7/13/04	Lintel	Randy	Jim Walter Homes - Acuna	OK	Columbia Acres Lot 28	21727
11/17/04	Joist & Girder	Harry	Jim Walter Homes - Acuna	OK	Columbia Acres Lot 28	21727

Per New Contractor: Jim Walten Homes

Was fired and they removed all of

the construction from the property.

The construction from the property.

Permit # 24578 is a new permit

not using any part of the other

Construction.