

DATE 04/08/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023004

APPLICANT JOHN NORRIS PHONE 758.3663
 ADDRESS POB 238 WHITE SPRINGS FL 32096
 OWNER ~~XXXXXXXXXX~~ *John Gilbe's* PHONE 758.3663
 ADDRESS 308 SW WISE DRIVE WHITE SPRINGS FL 32096
 CONTRACTOR JOHN NORRIS PHONE 758.3663
 LOCATION OF PROPERTY 47-S TO C-242,TR AND GO 1 MILE S/D ON R,WISE DRIVE

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 94350.00
 HEATED FLOOR AREA 1887.00 TOTAL AREA 2642.00 HEIGHT 18.00 STORIES
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
 LAND USE & ZONING RSF-2 MAX. HEIGHT 35
 Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
 NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 23-4S-16-03113-121 SUBDIVISION WISE ESTATES
 LOT 1 BLOCK B PHASE UNIT 1 TOTAL ACRES .50

00000600 RG0066597
 Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
 18"X32'MITERED 05-0206-N BLK N
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE: PLAT REQUIRES 1ST. FLOOR ELEVATION TO BE 100.0 FT.
ELEVATION LETTER REQUIRED.

Check # or Cash 3326

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 \$ 475.00 CERTIFICATION FEE \$ 13.21 SURCHARGE FEE \$ 13.21
 MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
 FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 **TOTAL FEE** 576.42

INSPECTORS OFFICE *[Signature]* CLERKS OFFICE *CH*

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Columbia County Building Permit Application

For Office Use Only Application # 0503.65 Date Received 3/2/05 By GT Permit # 666/23004
Application Approved by - Zoning Official BLK Date 07.04.05 Plans Examiner OK JHT Date 3-29-05
Flood Zone X PLAT Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den
Comments Plat requires 1st Floor Elevation to be 100.0 ft Elevation Letter Required

Applicants Name Johnie Norin Phone 758-3663
Address P.O. Box 238 White Springs Fl. 32096
Owners Name Pete Griebel Phone 752-7968
911 Address 308 S.W. Wire Drive
Contractors Name John Norin Phone 758-3663
Address P.O. Box 238 White Spring Fl. 32096
Fee Simple Owner Name & Address Pete Griebel
Bonding Co. Name & Address None
Architect/Engineer Name & Address Freeman
Mortgage Lenders Name & Address None

Property ID Number 23-45-16-03113-121 Estimated Cost of Construction 70,000.00
Subdivision Name Wire Estates Lot 1 Block B Unit I Phase
Driving Directions Go 47 South To 242; turn right and go 1 mile. Sub is on right.

Type of Construction Brick veneer Number of Existing Dwellings on Property 0
Total Acreage 43 Ac. Lot Size 1/2 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 30'27" Side 30'43'3" Side 30'62" Rear 80'99"
Total Building Height 18' Number of Stories 1 Heated Floor Area 1950 Roof Pitch 6/12

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.

Pete Griebel
Owner Builder or Agent (Including Contractor)

John Norin
Contractor Signature
Contractors License Number EG 0006597
Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA
Sworn to (or affirmed) and subscribed before me
this 11th day of MARCH 2005.
Personally known X or Produced Identification

NOTARY STAMP/SEAL

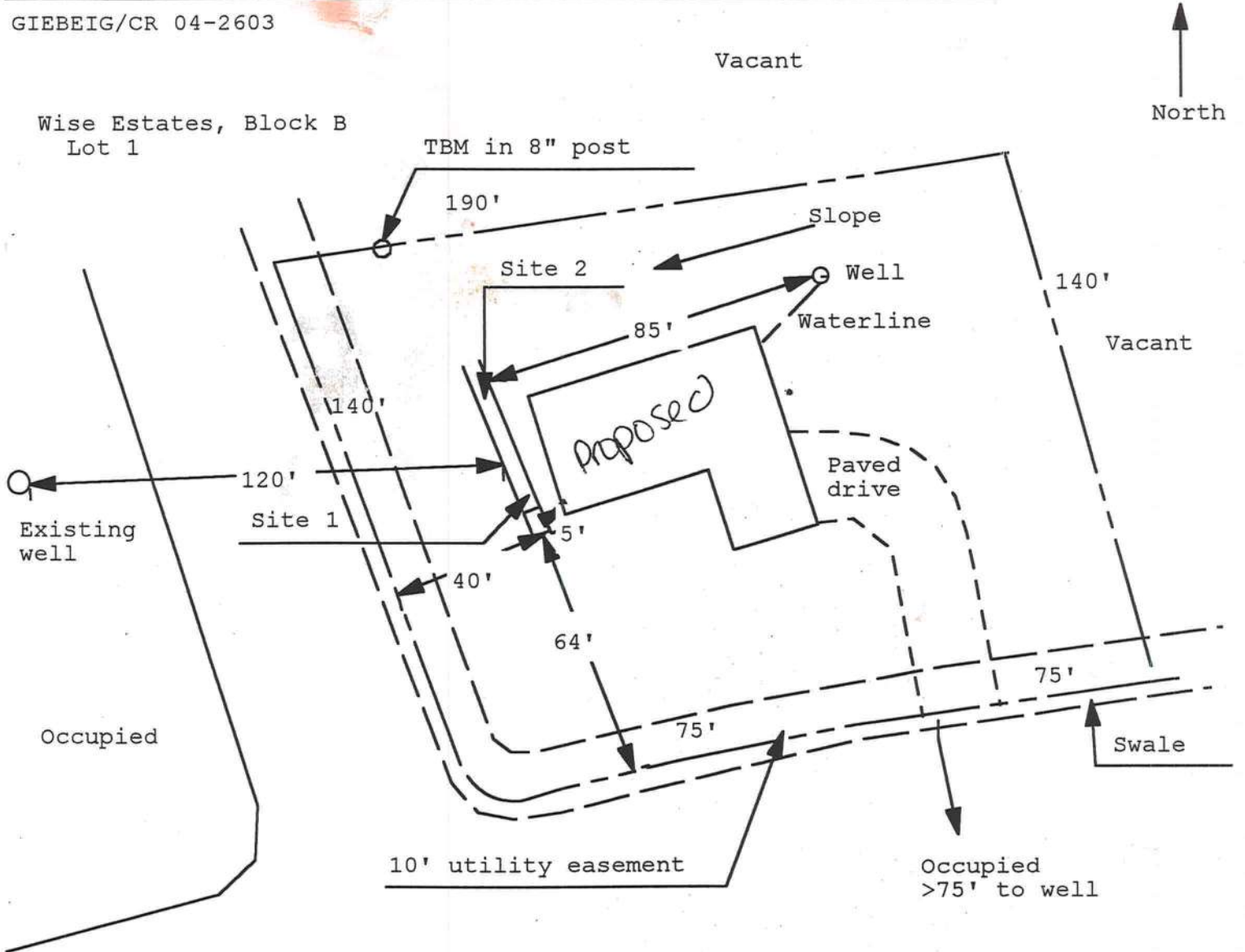
Elaine K. Tolar
Notary Signature

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 05-~~00070~~ 206N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GIEBEIG/CR 04-2603



1 inch = 40 feet

Site Plan Submitted By Paul Lopez Date 2/10/05
 Plan Approved Not Approved Date 2-1-05
 By Salah Saleh Columbo CPHU

Notes: _____

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000600**

DATE 04/08/2005 PARCEL ID # 23-4S-16-03113-121
APPLICANT JOHN D. NORRIS PHONE 758.3663
ADDRESS POB 238 WHITE SPRINGS FL 32096
OWNER PETE GIEBEIG PHONE 758.3663
ADDRESS 308 SW WISE DRIVE LAKE CITY FL 32024
CONTRACTOR JOHN NORRIS PHONE 758.3663
LOCATION OF PROPERTY SR-47-S TO C-242, TR GO 1 MILE, S/D ON RIGHT. SW WISE DRIVE

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WISE ESTATES 1 B 1

SIGNATURE *John Norris*

INSTALLATION REQUIREMENTS

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

Culvert installation shall conform to the approved site plan standards.

Department of Transportation Permit installation approved standards.

Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.

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

Amount Paid 25.00



NOTICE OF COMMENCEMENT

Inst:2005002780 Date:02/07/2005 Time:10:54
DC, P. DeWitt Cason, Columbia County B:1037 P:1032

STATE OF: Florida
COUNTY OF: Columbia

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

1. Description of Property: Lot #1 Block B Wise Estates
308 SW Wise Drive
2. General Description of Improvement: Construction of Single Family Residence
3. Owner Information:
 - a. Name and Address: Peter W. Giebeig
P.O. Box 1384 Lake City, FL 32056
 - b. Interest in Property: Fee Simple
 - c. Name and Address of Fee Simple titleholder (if other than Owner): _____
4. Contractor (Name and Address): John D. Norris
P.O. Box 238 White Springs, FL 32096
5. Surety:
 - a. Name and Address: N/A
 - b. Amount of Bond: _____
6. Lender (Name and Address): N/A
7. Persons within the State of Florida designated by Owner upon notices or other documents may be Served as provided by 713.13 (1)(a)(7), Florida Statues.
N/A
8. In addition to himself, the Owner designates the following person to receive a copy of the Lienor's Notice as provided in 713.13 (1)(b), Florida Statues (Name and Address):
N/A
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of Recording unless a different date is specified): _____

Type Owner Name: _____

Peter W. Giebeig
Type Owner Name: Peter W. Giebeig

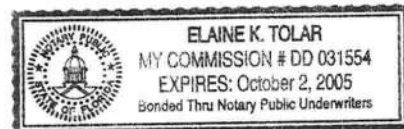
Sheryl Litteral
Witness #1 Sheryl Litteral

Elaine K. Tolar
Witness #2

Sworn to and subscribed before me by the Owner (s) on this 4th day of FEB 2005

Elaine K. Tolar
Type Name: ELAINE K. TOLAR
Notary Public, State of Florida
COMMISSION EXPIRY / NUMBER:

Personally Known Peter W. Giebeig
Produced Identification _____
Did Take an Oath / Did Not Take an Oath _____



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	St. Johns Model B1 Wise estates Pete Gei	Builder:	John Norris
Address:	Lot: B1, Sub: Wise Estates, Plat:	Permitting Office:	Columbia
City, State:	Lake City, FL 32055-	Permit Number:	23004
Owner:	Pete Giebeig	Jurisdiction Number:	22000
Climate Zone:	North		

<p>1. New construction or existing New <input type="checkbox"/></p> <p>2. Single family or multi-family Single family <input type="checkbox"/></p> <p>3. Number of units, if multi-family 1 <input type="checkbox"/></p> <p>4. Number of Bedrooms 4 <input type="checkbox"/></p> <p>5. Is this a worst case? Yes <input type="checkbox"/></p> <p>6. Conditioned floor area (ft²) 1887 ft² <input type="checkbox"/></p> <p>7. Glass area & type Single Pane Double Pane <input type="checkbox"/></p> <p style="margin-left: 20px;">a. Clear glass, default U-factor 0.0 ft² 187.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">b. Default tint 0.0 ft² 0.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">c. Labeled U or SHGC 0.0 ft² 0.0 ft² <input type="checkbox"/></p> <p>8. Floor types <input type="checkbox"/></p> <p style="margin-left: 20px;">a. Slab-On-Grade Edge Insulation R=0.0, 173.0(p) ft <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p>9. Wall types <input type="checkbox"/></p> <p style="margin-left: 20px;">a. Face Brick, Wood, Exterior R=13.0, 1384.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">b. Frame, Wood, Adjacent R=13.0, 168.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">d. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">e. N/A <input type="checkbox"/></p> <p>10. Ceiling types <input type="checkbox"/></p> <p style="margin-left: 20px;">a. Under Attic R=30.0, 1887.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p>11. Ducts <input type="checkbox"/></p> <p style="margin-left: 20px;">a. Sup: Uhc. Ret: Uhc. Att: Interior Sup. R=0.0, 0.0 ft² <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p>	<p>12. Cooling systems <input type="checkbox"/></p> <p style="margin-left: 20px;">a. Central Unit Cap: 30.0 kBtu/hr <input type="checkbox"/> SEER: 10.00 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p>13. Heating systems <input type="checkbox"/></p> <p style="margin-left: 20px;">a. Electric Heat Pump Cap: 30.0 kBtu/hr <input type="checkbox"/> HSPF: 6.80 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. N/A <input type="checkbox"/></p> <p>14. Hot water systems <input type="checkbox"/></p> <p style="margin-left: 20px;">a. Electric Resistance Cap: 50.0 gallons <input type="checkbox"/> EF: 0.92 <input type="checkbox"/></p> <p style="margin-left: 20px;">b. N/A <input type="checkbox"/></p> <p style="margin-left: 20px;">c. Conservation credits <input type="checkbox"/> (HR-Heat recovery, Solar DHP-Dedicated heat pump)</p> <p>15. HVAC credits <input type="checkbox"/> (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</p>
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Glass/Floor Area: 0.10	Total as-built points: 29584	PASS
	Total base points: 33416	

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

PREPARED BY: William H. Freeman


DATE: 3/1/05

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: Lot: B1, Sub: Wise Estates, Plat: , Lake City, FL, 32055- 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	1887.0	20.04	6806.8	Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8
				Double, Clear	E	1.5	6.0	20.0	42.06	0.91	767.9
				Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8
				Double, Clear	S	1.5	2.0	5.0	35.87	0.57	101.4
				Double, Clear	S	1.5	3.0	6.0	35.87	0.66	142.0
				Double, Clear	W	1.5	6.0	60.0	38.52	0.91	2111.2
				Double, Clear	W	1.5	6.0	30.0	38.52	0.91	1055.6
				Double, Clear	N	1.5	4.0	6.0	19.20	0.88	101.5
				As-Built Total:			187.0		6583.1		
WALL TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	168.0	0.70	117.6	Face Brick, Wood, Exterior	13.0		1384.0	0.35		484.4	
Exterior	1384.0	1.70	2352.8	Frame, Wood, Adjacent	13.0		168.0	0.60		100.8	
Base Total:				As-Built Total:			1552.0		585.2		
DOOR TYPES											
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	272.0	2.40	652.8	Exterior Insulated	34.0 4.10 139.4						
Exterior	34.0	6.10	207.4	Adjacent Insulated	141.4 1.60 226.3						
				Adjacent Insulated	76.2 1.60 121.9						
				Adjacent Insulated	16.3 1.60 26.1						
				Adjacent Insulated	13.6 1.60 21.8						
				Adjacent Insulated	24.5 1.60 39.2						
Base Total:				As-Built Total:			306.0		574.6		
CEILING TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1887.0	1.73	3264.5	Under Attic	30.0		1887.0	1.73 X 1.00		3264.5	
Base Total:				As-Built Total:			1887.0		3264.5		
FLOOR TYPES											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	173.0(p)	-37.0	-6401.0	Slab-On-Grade Edge Insulation	0.0		173.0(p)	-41.20		-7127.6	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:			173.0		-7127.6		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: B1, Sub: Wise Estates, Plat: , Lake City, FL, 32055- PERMIT #:

BASE				AS-BUILT									
INFILTRATION	Area	X	BSPM = Points										
	1887.0		10.21 19266.3		Area	X	SPM	=	Points				
					1887.0		10.21		19266.3				
Summer Base Points: 26267.2				Summer As-Built Points: 23146.1									
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)					
26267.2		0.4266	11205.6	23146.1		1.000		(1.090 x 1.147 x 0.91)		0.341		1.000	8987.6
				23146.1		1.00		1.138		0.341		1.000	8987.6

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: B1, Sub: Wise Estates, Plat: , Lake City, FL, 32055- 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	1887.0	12.74	4327.3	Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				Double, Clear	E	1.5	6.0	20.0	18.79	1.04	389.2
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				Double, Clear	S	1.5	2.0	5.0	13.30	2.27	150.6
				Double, Clear	S	1.5	3.0	6.0	13.30	1.64	130.8
				Double, Clear	W	1.5	6.0	60.0	20.73	1.02	1272.9
				Double, Clear	W	1.5	6.0	30.0	20.73	1.02	636.4
				Double, Clear	N	1.5	4.0	6.0	24.58	1.01	148.3
				As-Built Total:		187.0			3895.9		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	168.0	3.60	604.8	Face Brick, Wood, Exterior	13.0		1384.0	3.17		4394.2	
Exterior	1384.0	3.70	5120.8	Frame, Wood, Adjacent	13.0		168.0	3.30		554.4	
Base Total:				As-Built Total:		1552.0			4948.6		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	272.0	11.50	3128.0	Exterior Insulated	34.0 8.40 285.6						
Exterior	34.0	12.30	418.2	Adjacent Insulated	141.4 8.00 1131.5						
				Adjacent Insulated	76.2 8.00 609.3						
				Adjacent Insulated	16.3 8.00 130.6						
				Adjacent Insulated	13.6 8.00 108.8						
				Adjacent Insulated	24.5 8.00 195.8						
Base Total:				As-Built Total:		306.0			2461.6		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1887.0	2.05	3868.3	Under Attic	30.0		1887.0	2.05 X 1.00		3868.3	
Base Total:				As-Built Total:		1887.0			3868.3		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	173.0(p)	8.9	1539.7	Slab-On-Grade Edge Insulation	0.0		173.0(p)	18.80		3252.4	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		173.0			3252.4		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: **B1**, Sub: **Wise Estates**, Plat: , Lake City, FL, 32055- PERMIT #:

BASE	AS-BUILT
INFILTRATION Area X BWPM = Points 1887.0 -0.59 -1113.3	Area X WPM = Points 1887.0 -0.59 -1113.3
Winter Base Points: 17893.8	Winter As-Built Points: 17313.5
Total Winter X System = Heating Points Multiplier Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points <small>(DM x DSM x AHU)</small>
17893.8 0.6274 11226.6	17313.5 1.000 (1.069 x 1.169 x 0.93) 0.501 1.000 10090.3 17313.5 1.00 1.162 0.501 1.000 10090.3

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: B1, Sub: Wise Estates, Plat: , Lake City, FL, 32055- PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
4		2746.00	10984.0	50.0	0.92	4		1.00	2626.61
As-Built Total:									10506.4

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+
11206		11227		10984	33416	8988	+
						10090	+
						10506	= Total Points
							29584

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: B1, Sub: Wise Estates, Plat: , Lake City, FL, 32055-

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* = 85.4

The higher the score, the more efficient the home.

Pete Giebeig, Lot: B1, Sub: Wise Estates, Plat: , Lake City, FL, 32055-

<p>1. New construction or existing 2. Single family or multi-family 3. Number of units, if multi-family 4. Number of Bedrooms 5. Is this a worst case? 6. Conditioned floor area (ft²) 7. Glass area & type a. Clear - single pane b. Clear - double pane c. Tint/other SHGC - single pane d. Tint/other SHGC - double pane 8. Floor types a. Slab-On-Grade Edge Insulation b. N/A c. N/A 9. Wall types a. Face Brick, Wood, Exterior b. Frame, Wood, Adjacent c. N/A d. N/A e. N/A 10. Ceiling types a. Under Attic b. N/A c. N/A 11. Ducts a. Sup: Unc. Ret: Unc. AH: Interior b. N/A</p>	<p>New ___ Single family ___ 1 ___ 4 ___ Yes ___ 1887 ft² ___ Single Pane Double Pane ___ 0.0 ft² 187.0 ft² ___ 0.0 ft² 0.0 ft² ___ 0.0 ft² 0.0 ft² ___ R=0.0, 173.0(p) ft ___ R=13.0, 1384.0 ft² ___ R=13.0, 168.0 ft² ___ R=30.0, 1887.0 ft² ___ Sup. R=6.0, 61.0 ft ___</p>	<p>12. Cooling systems a. Central Unit b. N/A c. N/A 13. Heating systems a. Electric Heat Pump b. N/A c. N/A 14. Hot water systems a. Electric Resistance b. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)</p>	<p>Cap: 30.0 kBtu/hr ___ SEER: 10.00 ___ ___ ___ ___ ___ Cap: 30.0 kBtu/hr ___ HSPF: 6.80 ___ ___ ___ ___ Cap: 50.0 gallons ___ EF: 0.92 ___ ___ ___ ___</p>
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I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

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



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs Energy Gauge Office. Version: FLRCPB v3.30)*

Residential System Sizing Calculation

Summary

Pete Giebeig

Project Title:
St. Johns Model B1 Wise estates Pete Gei

Code Only
Professional Version
Climate: North

Lake City, FL 32055-

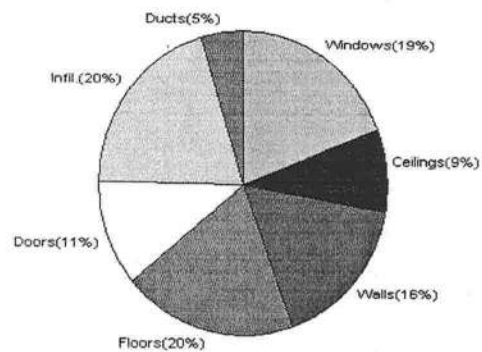
3/1/2005

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	23 F
Total heating load calculation	27677 Btuh	Total cooling load calculation	28766 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	108.4 30000	Sensible (SHR = 0.5)	64.9 15000
Heat Pump + Auxiliary(0.0kW)	108.4 30000	Latent	264.8 15000
		Total (Electric Heat Pump)	104.3 30000

WINTER CALCULATIONS

Winter Heating Load (for 1887 sqft)

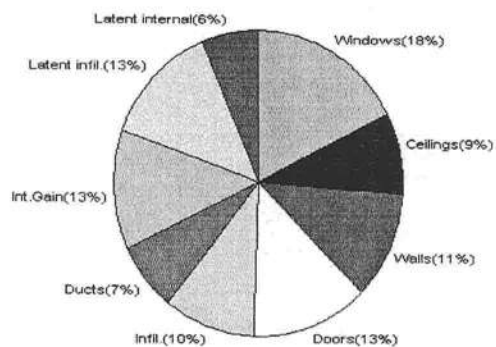
Load component		Load	
Window total	187 sqft	5292	Btuh
Wall total	1552 sqft	4559	Btuh
Door total	306 sqft	3180	Btuh
Ceiling total	1887 sqft	2453	Btuh
Floor total	173 ft	5467	Btuh
Infiltration	126 cfm	5408	Btuh
Subtotal		26359	Btuh
Duct loss		1318	Btuh
TOTAL HEAT LOSS		27677	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1887 sqft)

Load component		Load	
Window total	187 sqft	5097	Btuh
Wall total	1552 sqft	3204	Btuh
Door total	306 sqft	3819	Btuh
Ceiling total	1887 sqft	2491	Btuh
Floor total		0	Btuh
Infiltration	110 cfm	2790	Btuh
Internal gain		3600	Btuh
Subtotal(sensible)		21001	Btuh
Duct gain		2100	Btuh
Total sensible gain		23101	Btuh
Latent gain(infiltration)		3825	Btuh
Latent gain(internal)		1840	Btuh
Total latent gain		5665	Btuh
TOTAL HEAT GAIN		28766	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: Walter H. Lee

DATE: 3/1/05

System Sizing Calculations - Winter

Residential Load - Component Details

Pete Giebeig

Project Title:

St. Johns Model B1 Wise estates Pete Gei

Code Only

Lake City, FL 32055-

Professional Version

Climate: North

Reference City: Gainesville (User customized) Winter Temperature Difference: 39.0 F

3/1/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
2	2, Clear, Metal, DEF	N	20.0	28.3	566 Btuh
3	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
4	2, Clear, Metal, DEF	E	5.0	28.3	142 Btuh
5	2, Clear, Metal, DEF	E	6.0	28.3	170 Btuh
6	2, Clear, Metal, DEF	S	60.0	28.3	1698 Btuh
7	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
8	2, Clear, Metal, DEF	W	6.0	28.3	170 Btuh
Window Total			187		5292 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1384	3.1	4290 Btuh
2	Frame - Adjacent	13.0	168	1.6	269 Btuh
Wall Total			1552		4559 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		34	18.3	623 Btuh
2	Insulated - Adjac		141	9.4	1330 Btuh
3	Insulated - Adjac		76	9.4	716 Btuh
4	Insulated - Adjac		16	9.4	153 Btuh
5	Insulated - Adjac		14	9.4	128 Btuh
6	Insulated - Adjac		24	9.4	230 Btuh
Door Total			306		3180 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1887	1.3	2453 Btuh
Ceiling Total			1887		2453 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	173.0 ft(p)	31.6	5467 Btuh
Floor Total			173		5467 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	18870(sqft)	126	5408 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				126	5408 Btuh

Totals for Heating	Subtotal	26359 Btuh
	Duct Loss(using duct multiplier of 0.05)	1318 Btuh
	Total Btuh Loss	27677 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Pete Giebeig

Lake City, FL 32055-

Project Title:

St. Johns Model B1 Wise estates Pete Gei

Code Only

Professional Version

Climate: North

3/1/2005

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

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

System Sizing Calculations - Summer

Residential Load - Component Details

Pete Giebeig

Project Title:

Lake City, FL 32055-

St. Johns Model B1 Wise estates Pete Gei

Code Only

Professional Version

Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 3/1/2005

Window	Type Panels/SHGC/U/InSh/ExSh Ornt	Overhang		Window Area(sqft)			HTM		Load	
		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	1.5	6	30.0	0.0	30.0	24	24	720 Btuh
2	2, Clear, DEF, N, N	N	1.5	6	20.0	0.0	20.0	24	24	480 Btuh
3	2, Clear, DEF, N, N	N	1.5	6	30.0	0.0	30.0	24	24	720 Btuh
4	2, Clear, DEF, N, N	E	1.5	2	5.0	3.1	1.9	24	74	214 Btuh
5	2, Clear, DEF, N, N	E	1.5	3	6.0	1.7	4.3	24	74	359 Btuh
6	2, Clear, DEF, N, N	S	1.5	6	60.0	60.0	0.0	24	39	1440 Btuh
7	2, Clear, DEF, N, N	S	1.5	6	30.0	30.0	0.0	24	39	720 Btuh
8	2, Clear, DEF, N, N	W	1.5	4	6.0	0.0	6.0	24	74	444 Btuh
Window Total					187					5097 Btuh
Walls	Type	R-Value		Area			HTM		Load	
1	Frame - Exterior	13.0		1384.0			2.1		2962 Btuh	
2	Frame - Adjacent	13.0		168.0			1.4		242 Btuh	
Wall Total					1552.0					3204 Btuh
Doors	Type	R-Value		Area			HTM		Load	
1	Insulated - Exter			34.0			12.5		424 Btuh	
2	Insulated - Adjac			141.4			12.5		1765 Btuh	
3	Insulated - Adjac			76.2			12.5		950 Btuh	
4	Insulated - Adjac			16.3			12.5		204 Btuh	
5	Insulated - Adjac			13.6			12.5		170 Btuh	
6	Insulated - Adjac			24.5			12.5		306 Btuh	
Door Total					306.0					3819 Btuh
Ceilings	Type/Color	R-Value		Area			HTM		Load	
1	Under Attic/Light	30.0		1887.0			1.3		2491 Btuh	
Ceiling Total					1887.0					2491 Btuh
Floors	Type	R-Value		Size			HTM		Load	
1	Slab-On-Grade Edge Insulation	0.0		173.0 ft(p)			0.0		0 Btuh	
Floor Total					173.0					0 Btuh
Infiltration	Type	ACH		Volume			CFM=		Load	
	Natural	0.35		18870			110.3		2790 Btuh	
	Mechanical						0		0 Btuh	
Infiltration Total								110		2790 Btuh
Internal gain	Occupants		Btuh/occupant		Appliance		Load			
	8		X 300 +		1200		3600 Btuh			

Manual J Summer Calculations

Residential Load - Component Details (continued)

Pete Giebeig

Lake City, FL 32055-

Project Title:

St. Johns Model B1 Wise estates Pete Gei

Code Only

Professional Version

Climate: North

3/1/2005

Totals for Cooling	Subtotal	21001 Btuh
	Duct gain(using duct multiplier of 0.10)	2100 Btuh
	Total sensible gain	23101 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	3825 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	28766 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (U - Window U-Factor or 'DEF' for default)
 (InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
 (ExSh - Exterior shading device: none(N) or numerical value)
 (Ornt - compass orientation)

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title:
Lot 1b wise Estates

Code Only
Professional Version
Climate: South

4/5/2005

Totals for Cooling	Subtotal	21819 Btuh
	Duct gain(using duct multiplier of 0.10)	2182 Btuh
	Total sensible gain	24001 Btuh
	Latent infiltration gain (for 44 gr. humidity difference)	3300 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	29141 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

Lot 1B Wise Estates

CHERRYBANDER CO. INC.

OF

FLORIDA

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 23-4S-16-03113-121

Building permit No. 000023004

Use Classification SFD & UTILITY

Fire: 5.67

Permit Holder JOHN NORRIS

Waste: 12.25

Owner of Building PETE GIEBEIG

Total: 17.92

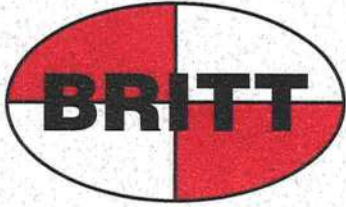
Location: 308 SW WISE DR.(WISE ESTATES, LOT 1)

Date: 08/17/2005




Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

Land Surveyors
and Mappers

04/22/05

L-16065

To Whom It May Concern:

C/o: Trent Giebeig

Re: Lot 1 Block B of Wise Estates

The elevation of the foundation is found to be 101.32 feet. The minimum floor elevation shown on the plat of record is 100.00 feet. The highest adjacent grade is 100.4 feet and the lowest adjacent grade is 98.9 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757

2300k/