

DATE 03/18/2004

Columbia County Building Permit**PERMIT**

This Permit Expires One Year From the Date of Issue

000021636

APPLICANT JACKIE NORRIS PHONE 758-3663
 ADDRESS PO BOX 238 WHITE SPRINGS FL 32096
 OWNER FRED OMAR PHONE 755-6626
 ADDRESS 105 SW TRUFFLES GLEN LAKE CITY FL 32025
 CONTRACTOR JOHN NORRIS PHONE 758-3663

LOCATION OF PROPERTY 247, L KIRBY, L WOODCREST S/D, L SW NIFFLY WAY, L
 TRUFFLES ON THE BACK R CORNER OF THE CULDISAC

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 67200.00

HEATED FLOOR AREA 1344.00 TOTAL AREA 1792.00 HEIGHT 18.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirements: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

NO. EX. D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 11-4S-16-02905-153 SUBDIVISION WOODCREST

LOT 53 BLOCK A PHASE UNIT TOTAL ACRES 50

000000235 N RG0066597
 Culvert Permit No. Culvert Waiver Contractor's License Number
 PERMIT 04-0273-N BK RJ N
 Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD

NOC ON FILE

Check # or Cash 3010

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer Slab)

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

BUILDING PERMIT FEE \$ 340.00 CERTIFICATION FEE \$ 8.96 SURCHARGE FEE \$ 8.96

MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 **TOTAL FEE 432.92**

INSPECTOR'S OFFICE *L. H. H.* CLERK'S 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 INCONVENIENCE, 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.

NOTICE OF COMMENCEMENT

Inst:2004003409 Date:02/16/2004 Time:14:49

MDK DC,P.DeWitt Cason,Columbia County B:1007 P:596

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 #53 WoodCrest Block A

2. General Description of Improvement: Construction of Single Family Residence

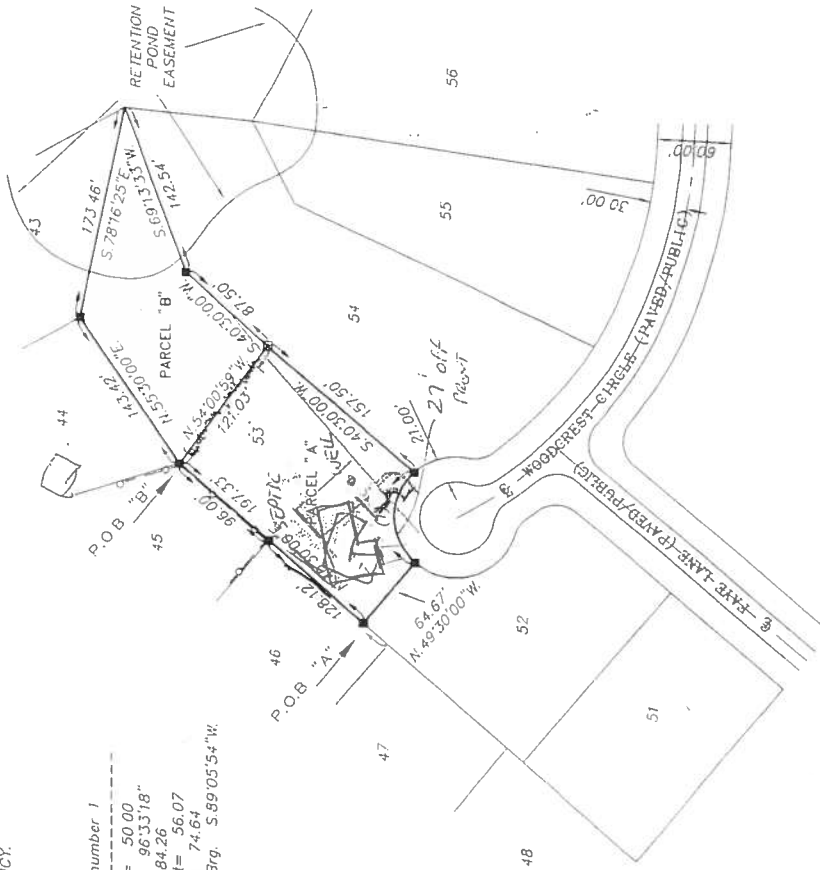
3. Owner Information:
 - a. Name and Address: Peter W. Giebeig
P.O. Box 1384 Lake City, FL 32056
 - b. Interest in Property: Fee Simple _____
 - c. Name and Address of Fee Simple titleholder (if other than Owner): _____

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

SURVEYOR'S NOTES

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD
2. BEARINGS ARE BASED ON SAID PLAT OF RECORD
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
4. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
5. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

Curve number 1
 Radius= 50.00
 Delta= 96°33'18"
 Arc= 84.26
 Tangent= 74.64
 Chord Brg. S. 89°05'54"W.



BOUNDARY SURVEY IN SECTION 11, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA

SYMBOL LEGEND

- 4"x4" CONCRETE MONUMENT FOUND
- 4"x4" CONCRETE MONUMENT SET
- IRON PIPE FOUND
- IRON PIPE AND CAP SET
- POWER POLE
- WATER METER
- CENTERLINE
- WELL
- SATELLITE DISH
- TELEPHONE BOX
- ELECTRIC LINES
- WIRE FENCE
- CHAIN LINK FENCE
- WOODEN FENCE

SCALE: 1" = 100'

DESCRIPTION PARCEL "A"

A PART OF LOT 53 IN BLOCK A OF WOODCREST AS PER PLAT THEREOF RECORDED IN PLAT BOOK 6 PAGES 133 - 136 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE SOUTHWEST CORNER OF LOT 53 ALSO THE NORTHWEST CORNER OF LOT 52 AND RUN THENCE N 40°30'00"E, ALONG THE WESTERLY LINE OF SAID LOT 53 A DISTANCE OF 197.33 FEET TO THE SE CORNER OF LOT 44; THENCE S 54°00'59"E, A DISTANCE OF 121.03 FEET TO A POINT ON THE EASTERLY LINE OF SAID LOT 53; THENCE S 40°30'00"W, ALONG SAID LOT 53 A DISTANCE OF 157.50 FEET TO THE NORTHERLY RIGHT-OF-WAY OF WOODCREST CIRCLE TO A POINT ON A CURVE TO THE LEFT, HAVING A RADIUS OF 50.00 FEET, A CENTRAL ANGLE OF 96°33'18", A TANGENT LENGTH OF 56.07 FEET; THENCE ALONG THE ARC OF SAID CURVE, AN ARC LENGTH OF 74.64 FEET; THENCE ALONG THE ARC OF SAID CURVE, AN ARC LENGTH OF 84.26 FEET TO THE END OF SAID CURVE; THENCE N 49°30'00"W, LEAVING SAID RIGHT-OF-WAY ALONG THE SOUTH LINE OF SAID LOT 53 A DISTANCE OF 64.67 FEET TO THE POINT OF BEGINNING. PARCEL CONTAINS 0.51 ACRES, MORE OR LESS.

DESCRIPTION PARCEL "B"

A PART OF LOT 53 IN BLOCK A OF WOODCREST AS PER PLAT THEREOF RECORDED IN PLAT BOOK 6 PAGES 133 - 136 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE SE CORNER OF LOT 44 ALSO BEING THE NE CORNER OF LOT 45 AND ON THE NORTHERLY LINE OF LOT 53 OF SAID WOODCREST AND RUN THENCE N 55°30'00"E, ALONG THE NORTHERLY LINE OF SAID LOT 53 A DISTANCE OF 143.42 FEET TO THE NE CORNER OF SAID LOT 44; THENCE S 78°16'25"E STILL ALONG SAID NORTHERLY LINE, A DISTANCE OF 173.46 FEET TO THE INTERSECTION OF LOTS 43, 42, 41, 40, 57, 54, AND SAID LOT 53; THENCE S 69°13'33"W, ALONG THE SOUTHERLY LINE OF SAID LOT 53 A DISTANCE OF 142.54 FEET; THENCE S 40°30'00"W, STILL ALONG SAID SOUTHERLY LINE A DISTANCE OF 87.50 FEET; THENCE N 54°00'59"W, A DISTANCE OF 121.03 FEET TO THE POINT OF BEGINNING. PARCEL CONTAINS 0.42 ACRES, MORE OR LESS.

CERTIFIED TO:

FRED OMAN

FIELD BOOK: 181 PAGE(S): 12

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY PERSONAL CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 6107-8, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 6107.01, FLORIDA STATUTES.

FIELD SURVEY DATE: 10/13/97
 BEGINNING DATE: 10/21/97
 SURVEYOR: LAURENCE E. SMITH, S.E.
 NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A LICENSED SURVEYOR AND MAPPER THIS DRAWING, FIELD PLAT OR MAP IS IN VIOLATION OF FLORIDA STATUTES AND IS NOT VALID.



BRITT SURVEYING

LAND SURVEYORS AND MAPPERS
 1420 WEST DUAL STREET LAKE CITY, FLORIDA 32055
 (804)752-7163 FAX (804)752-5573

WORK ORDER # L-8195

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000235

DATE 03/18/2004 PARCEL ID # 11-4S-16-02905-153
APPLICANT JACKIE NORRIS PHONE 758-3663
ADDRESS PO BOX 238 WHITE SPRINGS FL 32096
OWNER FRED OMAN PHONE 755-6626
ADDRESS LAKE CITY FL 32024
CONTRACTOR JOHN NORRIS PHONE 758-3663
LOCATION OF PROPERTY 247, L KIRBY AVE, L WOODCREST INTO S/D, L SW NIFFLY WAY, LEFT
TRUFFLES THE HOUSE IS ON TEBACK RIGHT OF TE CULDISAC

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WOODCREST 53 A

SIGNATURE

Jackie 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



Building Permit Application

Application No. 0403-36

Date _____

Applicants Name & Address Johnie Norris P.O. Box 238 Phone 758-3663Owners Name & Address Fred. Oman Rt. 13 Box 391 Phone 5-6626See Simple Owners Name & Address Fred. Oman Rt. 13 Box 391 Phone 5-6626Contractors Name & Address John Norris P.O. Box 238 Phone 758-3663Legal Description of Property Lot # 53 Woodcut BLK ALocation of Property Go 90 West to 247 Turn left into Woodcut & TurnTax Parcel Identification No. 11-45-16-02905-153 Estimated Cost of Construction \$ 42,000Type of Development SFD Sep. Well Number of Existing Dwellings on Property 1Comprehensive Plan Map Category RSF-2 Zoning Map Category RSF-2Building Height 18 Number of Stories 1 Floor Area _____ Total Acreage in Development 1/2 ACDistance From Property Lines (Set Backs) Front 25 Side 10 Rear 15 Street _____Flood Zone X Certification Date _____ Development Permit _____Bonding Company Name & Address NoneArchitect/Engineer Name & Address FreemanMortgage Lenders Name & Address None

Application is hereby made to obtain a permit to do the 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 will 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 regulating construction and zoning.

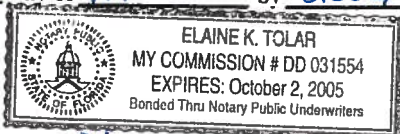
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Pete
Owner or Agent (including contractor)

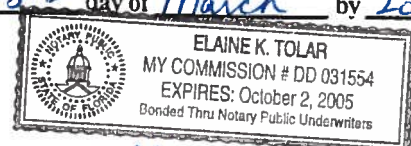
John D. Norris
Contractor

Contractor License Number _____

STATE OF FLORIDA Elaine K. Tolar
COUNTY OF COLUMBIA Elaine K. Tolar
Sworn to (or affirmed) and subscribed before me
this 8th day of March by 2004

Personally Known X OR Produced Identification

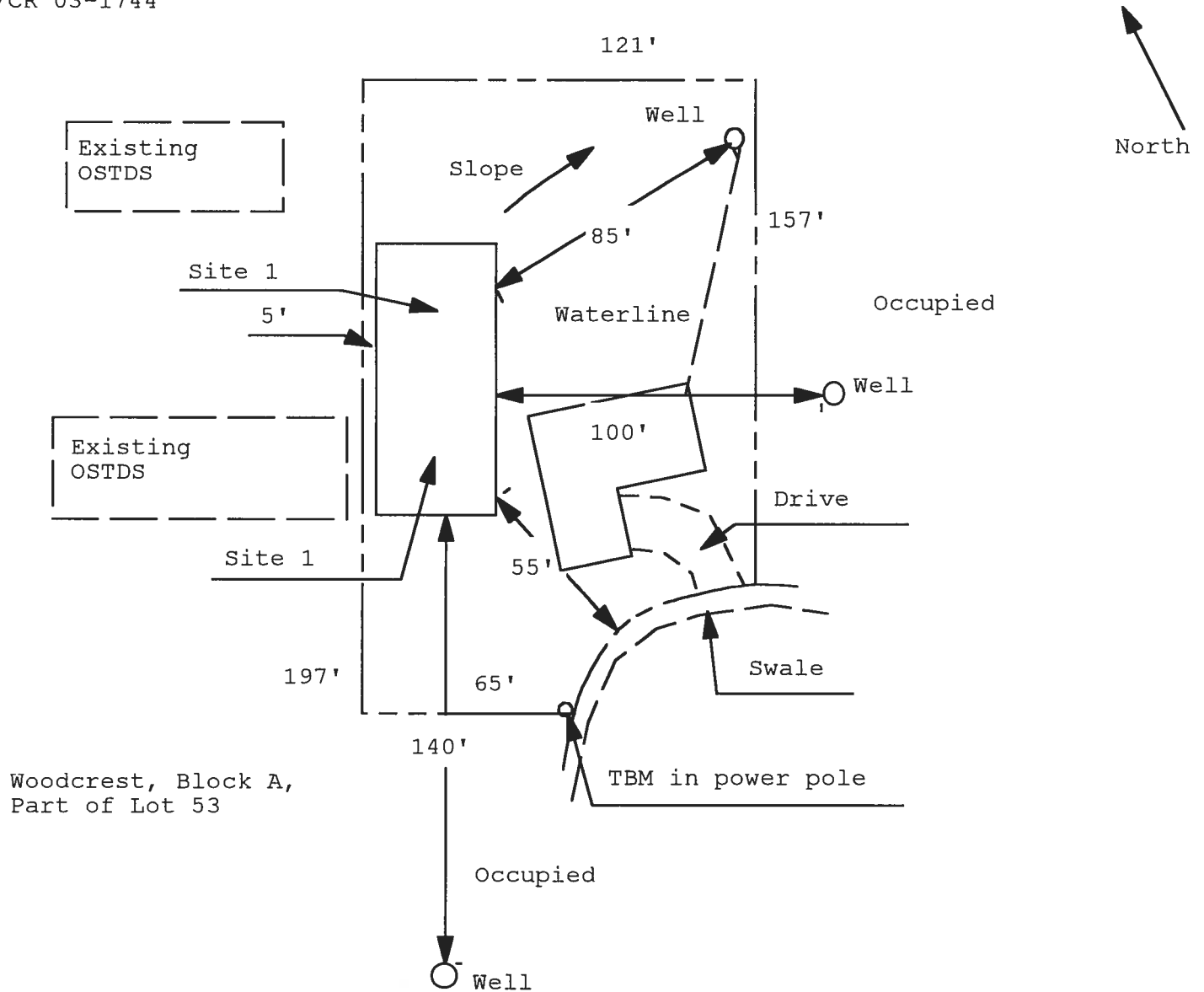
STATE OF FLORIDA Elaine K. Tolar
COUNTY OF COLUMBIA ELAINE K. TOLAR
Sworn to (or affirmed) and subscribed before me
this 8th day of March by 2004

Personally Known X OR Produced Identification

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 04-0273N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

OMAN/CR 03-1744



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 2/4/04
 Plan Approved Not Approved Date 2/4/04
 By Paul Lloyd mm 07 CPHU
 Notes: 3-4-04

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	Suwannee Model	Builder:	John Norris
Address:	Lot: 53, Sub: Woodcrest Blk A, Plat: 6 pages 133-136	Permitting Office:	Columbia
City, State:	Lake City, FL 32055-	Permit Number:	21636
Owner:	Fred Oman	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 24.0 kBtu/hr SEER: 10.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	Yes	13. Heating systems	
6. Conditioned floor area (ft ²)	1344 ft ²	a. Electric Heat Pump	Cap: 24.0 kBtu/hr HSPF: 6.80
7. Glass area & type	Single Pane Double Pane	b. N/A	
a. Clear glass, default U-factor	0.0 ft ² 178.0 ft ²	c. N/A	
b. Default tint	0.0 ft ² 0.0 ft ²	14. Hot water systems	
c. Labeled U or SHGC	0.0 ft ² 0.0 ft ²	a. Electric Resistance	Cap: 50.0 gallons EF: 0.92
8. Floor types		b. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 160.0(p) ft	c. Conservation credits	
b. N/A		(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
9. Wall types		15. HVAC credits	
a. Frame, Wood, Exterior	R=13.0, 448.0 ft ²	(CF-Ceiling fan, CV-Cross ventilation,	
b. Face Brick, Wood, Exterior	R=13.0, 672.0 ft ²	HF-Whole house fan,	
c. Frame, Wood, Adjacent	R=13.0, 160.0 ft ²	PT-Programmable Thermostat,	
d. N/A		MZ-C-Multizone cooling,	
e. N/A		MZ-H-Multizone heating)	
10. Ceiling types			
a. Under Attic	R=30.0, 1344.0 ft ²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 50.0 ft		
b. N/A			

Glass/Floor Area: 0.13

Total as-built points: 22139

Total base points: 22859

PASS

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: 2/27/04

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: 53, Sub: Woodcrest Blk A, Plat: 6 pages 133-136, Lake City, FL 33455 #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ormt Len Hgt			Area X SPM X SOF = Points			
.18	1344.0	20.04	4848.1	Double, Clear	S	1.5	6.0	30.0	35.87	0.86	921.2
				Double, Clear	S	1.5	6.0	15.0	35.87	0.86	460.6
				Double, Clear	S	14.0	8.0	80.0	35.87	0.46	1313.1
				Double, Clear	E	1.5	2.0	5.0	42.06	0.59	124.7
				Double, Clear	N	7.5	6.5	48.0	19.20	0.69	632.9
				As-Built Total:				178.0		3452.5	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM		=	Points
Adjacent	160.0	0.70	112.0	Frame, Wood, Exterior	13.0			448.0	1.50	672.0	
Exterior	1120.0	1.70	1904.0	Face Brick, Wood, Exterior	13.0			672.0	0.35	235.2	
				Frame, Wood, Adjacent	13.0			160.0	0.60	96.0	
Base Total:				As-Built Total:				1280.0		1003.2	
DOOR TYPES Area X BSPM = Points				Type				Area X SPM		=	Points
Adjacent	17.8	2.40	42.7	Exterior Insulated				20.0	4.10	82.0	
Exterior	20.0	6.10	122.0	Adjacent Insulated				17.8	1.60	28.4	
Base Total:				As-Built Total:				37.8		110.4	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM		=	Points
Under Attic	1344.0	1.73	2325.1	Under Attic	30.0			1344.0	1.73 X 1.00	2325.1	
Base Total:				As-Built Total:				1344.0		2325.1	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM		=	Points
Slab	160.0(p)	-37.0	-5920.0	Slab-On-Grade Edge Insulation	0.0			160.0(p)	-41.20	-6592.0	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:				160.0		-6692.0	
INFILTRATION Area X BSPM = Points							Area X SPM		=	Points	
							1344.0		10.21	13722.2	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 53, Sub: Woodcrest Blk A, Plat: 6 pages 133-136, Lake City, FL 33455#:

BASE				AS-BUILT							
Summer Base Points: 17156.1				Summer As-Built Points: 14021.5							
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
17156.1		0.4266	7318.8	14021.5		1.000	(1.090 x 1.147 x 0.91)	0.341	1.000	5444.6	
				14021.5		1.00	1.138	0.341	1.000	5444.6	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 53, Sub: Woodcrest Blk A, Plat: 6 pages 133-136, Lake City, FL 33455-#:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC Overhang Ormt Len Hgt Area X WPM X WOF = Points							
.18	1344.0	12.74	3082.1	Double, Clear	S	1.5	6.0	30.0	13.30	1.12	445.8
				Double, Clear	S	1.5	6.0	15.0	13.30	1.12	222.9
				Double, Clear	S	14.0	8.0	80.0	13.30	3.45	3673.4
				Double, Clear	E	1.5	2.0	5.0	18.79	1.21	113.8
				Double, Clear	N	7.5	6.5	48.0	24.58	1.02	1203.5
				As-Built Total:				178.0		5659.4	
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	160.0	3.60	576.0	Frame, Wood, Exterior			13.0	448.0	3.40		1523.2
Exterior	1120.0	3.70	4144.0	Face Brick, Wood, Exterior			13.0	672.0	3.17		2133.6
				Frame, Wood, Adjacent			13.0	160.0	3.30		528.0
Base Total: 1280.0 4720.0				As-Built Total:				1280.0		4184.8	
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	17.8	11.50	204.5	Exterior Insulated				20.0	8.40		168.0
Exterior	20.0	12.30	246.0	Adjacent Insulated				17.8	8.00		142.2
Base Total: 37.8 450.5				As-Built Total:				37.8		310.2	
CEILING TYPESArea X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	1344.0	2.05	2755.2	Under Attic			30.0	1344.0	2.05 X 1.00		2755.2
Base Total: 1344.0 2755.2				As-Built Total:				1344.0		2755.2	
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	160.0(p)	8.9	1424.0	Slab-On-Grade Edge Insulation			0.0	160.0(p)	18.80		3008.0
Raised	0.0	0.00	0.0								
Base Total: 1424.0				As-Built Total:				160.0		3008.0	
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1344.0 -0.59 -793.0				1344.0 -0.59 -793.0							

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 53, Sub: Woodcrest Blk A, Plat: 6 pages 133-136, Lake City, FL 33455-#:

BASE				AS-BUILT									
Winter Base Points:		11638.8		Winter As-Built Points:		15124.7							
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	= Heating Points
11638.8		0.6274	7302.2	15124.7		1.000	(1.069 x 1.169 x 0.93)	0.501		1.000		1.000	8814.7
				15124.7		1.00	1.162	0.501		1.000		1.000	8814.7

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 53, Sub: Woodcrest Blk A, Plat: 6 pages 133-136, Lake City, FL 33455-#:

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
3		2746.00	8238.0	50.0	0.92	3		1.00	2626.61	1.00 7879.8
				As-Built Total: 7879.8						

CODE COMPLIANCE STATUS													
BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
7319		7302		8238		22859	5445		8815		7880		22139

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 53, Sub: Woodcrest Blk A, Plat: 6 pages 133-136, Lake City, FL PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility 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* = 83.5

The higher the score, the more efficient the home.

Fred Oman, Lot: 53, Sub: Woodcrest Blk A, Plat: 6 pages 133-136, Lake City, FL, 32055-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 24.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1344 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft ² 178.0 ft ²	a. Electric Heat Pump	Cap: 24.0 kBtu/hr
b. Clear - double pane	0.0 ft ² 0.0 ft ²		HSPF: 6.80
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, 160.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 448.0 ft ²	(HR-Heat recovery, Solar	
b. Face Brick, Wood, Exterior	R=13.0, 672.0 ft ²	DHP-Dedicated heat pump)	
c. Frame, Wood, Adjacent	R=13.0, 160.0 ft ²	15. HVAC credits	
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, 1344.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	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 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: FLRCPB v3.30)

COLUMBIA COUNTY OFFICE OF OCCUPANCY

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 11-4S-16-02905-153

Building permit No. 000021636

Use Classification SFD, UTILITY

Fire: 22.68

Permit Holder JOHN NORRIS

Waste: 49.00

Owner of Building FRED OMAR

Total: 71.68

Location: 105 TRUFFLES GLEN, LAKE CITY, FL 32025

Date: 06/22/2004

[Signature]



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)