

DATE 08/26/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022241

APPLICANT BRANDON STEELE PHONE 386.754.0841

ADDRESS POB 2183 LAKE CITY FL 32025

OWNER MELVIN & DORIS EBERLY PHONE 386.754.0841

ADDRESS 307 NW SYLVI DRIVE LAKE CITY FL 32025

CONTRACTOR AARON SIMQUE PHONE 386.754.0841

LOCATION OF PROPERTY 90W TO BROWN RD., R, GO TO 1ST. S/D ON L., STARLAKE ESTATES
,TURN L ON NW STARLAKE L., TURN R, NW SLYVI DR,7TH ON L.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 94750.00

HEATED FLOOR AREA 1895.00 TOTAL AREA 2920.00 HEIGHT 23.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7/12 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 X DEVELOPMENT PERMIT NO. _____

PARCEL ID 28-3S-16-02372-071 SUBDIVISION STARLAKE ESTATES

LOT 21 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES .60

000000390 N RB29003130

Culvert Permit No. Culvert Waiver Contractor's License Number RTJ Applicant/Owner/Contractor N

18"X32"MITERED 04-0786-N BLK RTJ N

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE

1 FOOT ABOVE ROAD.

Check # or Cash 1896

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 \$ 14.60 SURCHARGE FEE \$ 14.60

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

FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 579.20

INSPECTORS OFFICE _____ CLERKS OFFICE _____

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.

Columbia County Building Permit Application

For Office Use Only Application # 0407-72 Date Received 7/26/04 By JW Permit # 22241
 Application Approved by - Zoning Official RA Date 8/25/04 Plans Examiner RA Date 8/25/04
 Flood Zone 1D Development Permit _____ Zoning RSF-2 Land Use Plan Map Category RLD
 Comments See Submittal

Applicants Name: BRANDON STEELE Phone 386.755.0841
 Address PO Box 2183, Lake City, FL 32056
 Owners Name MELVIN & DORIS EBERLY Phone 386.754.2567
 911 Address 307 S.W. CHALLENGER LANE, LAKE CITY, FL 32025
 Contractors Name ARON SINGUE HOMES, INC. Phone 386.755.0841
 Address PO Box 2183, Lake City, FL 32056
 Fee Simple Owner Name & Address SAME AS OWNER
 Bonding Co. Name & Address _____
 Architect/Engineer Name & Address DAVID J. ROYAL / NICHOLAS GEISTER, LAKE CITY, FL
 Mortgage Lenders Name & Address N/A

Property ID Number 28-35-16-02372-071 Estimated Cost of Construction \$130,000
 Subdivision Name STARLAKE ESTATES Lot 21 Block _____ Unit _____ Phase _____
 Driving Directions HWY. 90 W to BROWN RD. TX on BROWN. Go to first S/D on left - Starlake Estates. TL into S/D on NW Starlake Place. TR onto NW Sylvi Drive. Site is 7th on the left.
 Type of Construction SF Dwelling Number of Existing Dwellings on Property 0
 Total Acreage 0.6 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 40' Side 25' Side 25' Rear 30'
 Total Building Height 21'-23' Number of Stories 1 Heated Floor Area 2209 Roof Pitch 7/12

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.

Owner/Builder or Agent (Including Contractor) _____

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 26th day of July 2004.
 Personally known X or Produced Identification _____

Contractor Signature _____
 Contractors License Number RB29003130
 Competency Card Number 5323

NOTARY STAMP/



Notary Signature _____

(1896)

390

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 04-390
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2004016507 Date:07/16/2004 Time:10:24
Doc Stamp-Deed : 188.30
Ynk DC, P. DeWitt Cason, Columbia County B:1021 P:24

WARRANTY DEED

THIS INDENTURE, made this 15th day of July, 2004, BETWEEN ELAINE V. SCOTT, Trustee of STAR LAKE LAND TRUST dated September 20, 2002, whose post office address is Route 17, Box 830, Lake City, FL 32055, of the County of Columbia, State of Florida, grantor*, and MELVIN FRANCES EBERLY and DORIS TERESA RONDEAU EBERLY, as Trustees of the MELVIN FRANCES EBERLY and DORIS TERESA RONDEAU EBERLY REVOCABLE LIVING TRUST dated March 2, 1989, with full power and authority to protect, conserve and to sell, or to lease or to encumber, to reside on, or otherwise to manage and dispose of the real property described below, whose post office address is 559 SW Brothers Lane, Lake City, FL 32025, of the State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), 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-wit:

Lot 21, STAR LAKE ESTATES, a subdivision according to the plat thereof as recorded in Plat Book 7, Page 119 of the public records of Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.


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.

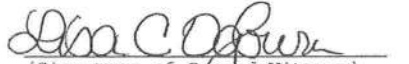
*"Grantor" and "grantee" are used for singular or plural, as context requires.

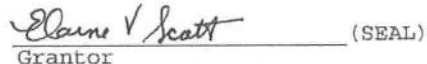
COPY

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand
and seal the day and year first above written.

Signed, sealed and delivered
in our presence:


(Signature of First Witness)
Terry McDavid
(Typed Name of First Witness)


(Signature of Second Witness)
Lisa C. Ogburn
(Typed Name of Second Witness)


 (SEAL)
Grantor
ELAINE V. SCOTT, Trustee
Printed Name

Inst:2004016507 Date:07/16/2004 Time:10:24
Doc Stamp-Deed : 188.30
DC,P.DeWitt Cason,Columbia County B:1021 P:25

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 15th
day of July, 2004, by ELAINE V. SCOTT, Trustee of STAR LAKE LAND
TRUST dated September 20, 2002 who is personally known to me and
who did not take an oath.

My Commission Expires:


Notary Public
Printed, typed, or stamped name:

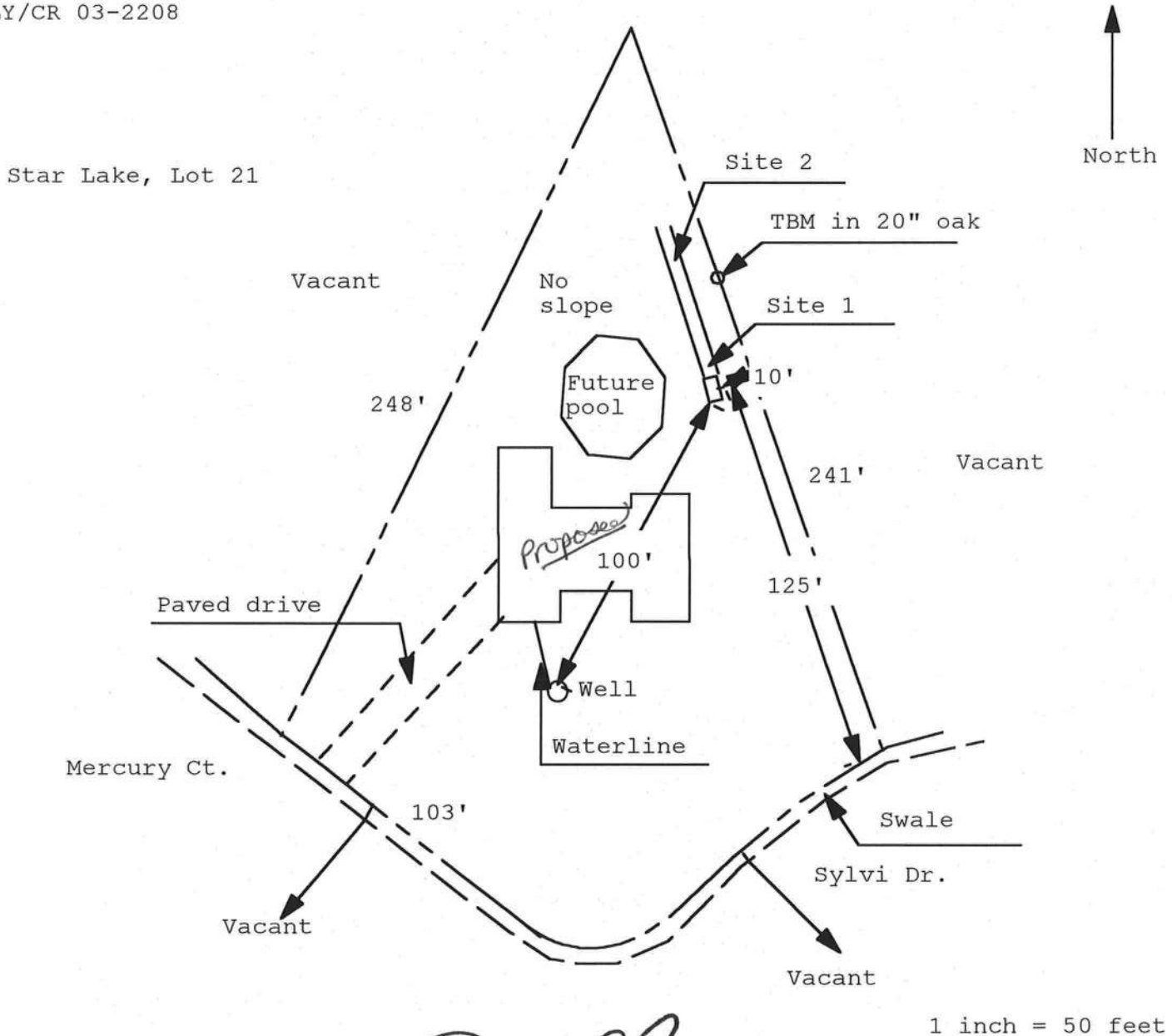


Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan

Permit Application Number: 04-0786N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

EBERLY/CR 03-2208



Site Plan Submitted By Paul L. Leph Date 7/19/04
Plan Approved Paul L. Leph Not Approved Not Approved Date 7/19/04
By Paul L. Leph Jakobus Bork C CPHU 7-23-04

Notes: _____

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

Tax Parcel ID Number 28-35-16-02372-071

1. Description of property: (legal description of the property and street address or 911 address)

Lot 21, Star Lake Estates, A subdivision according to the plat thereof
AS RECORDED IN Plat book 7, Page 119 of the public Records of Columbia County,
Florida. 911 address = 307 NW Sylvie Drive, Lake City, FL 32055

2. General description of improvement: Construction of Dwelling

3. Owner Name & Address MELVIN FRANCES EBERLY AND DORIS TERESA PONDEAU EBERLY
559 SW Brothers Lane, Lake City, FL 32025 Interest in Property Fee Simple

4. Name & Address of Fee Simple Owner (if other than owner): NONE

5. Contractor Name ARON SINGUE HOMES, INC. Phone Number 386.755.0841
Address P.O. Box 2183, Lake City, FL 32056

6. Surety Holders Name — Phone Number —
Address —

Amount of Bond — Inst: 2004017209 Date: 07/26/2004 Time: 15:57
B DC, P. DeWitt Cason, Columbia County B: 1021 P: 2487

7. Lender Name — Address —

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name — N/A — Phone Number —
Address —

9. In addition to himself/herself the owner designates — of —
— to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) –
(a) 7. Phone Number of the designee —

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified) —

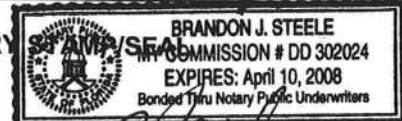
NOTICE AS PER CHAPTER 713, Florida Statutes:

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

Melvin F Eberly
Signature of Owner

Sworn to (or affirmed) and subscribed before
26th day of July, 2004

NOTARY



Brandon J Steele
Signature of Notary

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **The Eberly Residence**
Address: **Lot: 9, Sub: Stonehenge, Plat: 21**
City, State: **Lake City, FL** *Star Lake*
Owner:
Climate Zone: **North**

Builder: *Asouline*
Permitting Office: **Columbia**
Permit Number: *22241*
Jurisdiction Number: **221000**

1. New construction or existing New ☐
2. Single family or multi-family Single family ☐
3. Number of units, if multi-family 1 ☐
4. Number of Bedrooms 3 ☐
5. Is this a worst case? No ☐
6. Conditioned floor area (ft²) 1895 ft² ☐
7. Glass area & type ☐
 - a. Clear - single pane 15.0 ft² ☐
 - b. Clear - double pane 165.0 ft² ☐
 - c. Tint/other SHGC - single pane 0.0 ft² ☐
 - d. Tint/other SHGC - double pane 0.0 ft² ☐
8. Floor types ☐
 - a. Slab-On-Grade Edge Insulation R=1.0, 210.0(p) ft ☐
 - b. N/A ☐
 - c. N/A ☐
9. Wall types ☐
 - a. Face Brick, Wood, Exterior R=11.0, 1600.0 ft² ☐
 - b. Frame, Wood, Adjacent R=11.0, 288.0 ft² ☐
 - c. N/A ☐
 - d. N/A ☐
 - e. N/A ☐
10. Ceiling types ☐
 - a. Under Attic R=30.0, 1895.0 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
11. Ducts ☐
 - a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 65.0 ft ☐
 - b. N/A ☐

12. Cooling systems ☐
 - a. Central Unit Cap: 36.0 kBtu/hr ☐
SEER: 12.00 ☐
 - b. N/A ☐
 - c. N/A ☐
13. Heating systems ☐
 - a. Electric Heat Pump Cap: 36.0 kBtu/hr ☐
HSPF: 8.00 ☐
 - b. N/A ☐
 - c. N/A ☐
14. Hot water systems ☐
 - a. Electric Resistance Cap: 50.0 gallons ☐
EF: 0.95 ☐
 - b. N/A ☐
 - c. Conservation credits ☐
(HR-Heat recovery, Solar
DHP-Dedicated heat pump)
15. HVAC credits CF, ☐
(CF-Ceiling fan, CV-Cross ventilation,
HF-Whole house fan,
PT-Programmable Thermostat,
MZ-C-Multizone cooling,
MZ-H-Multizone heating)

Glass/Floor Area: 0.09

Total as-built points: 22759

Total base points: 29771

PASS

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

PREPARED BY: *[Signature]*DATE: *3/17/04*

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: 9, Sub: Stonehenge, Plat: , Lake City, FL,

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	1895.0	20.04	6835.6	Double, Clear	NW	1.3	2.0	4.0	25.46	0.72	73.1
				Double, Clear	NE	1.3	7.0	60.0	28.72	0.96	1653.9
				Double, Clear	SE	1.3	2.0	16.0	40.86	0.58	382.4
				Double, Clear	SE	1.3	7.0	10.0	40.86	0.94	385.0
				Double, Clear	SW	10.0	7.0	45.0	38.46	0.43	746.5
				Single, Clear	W	5.0	7.0	15.0	40.92	0.62	378.0
				Double, Clear	SW	4.0	7.0	15.0	38.46	0.63	362.7
				Double, Clear	S	8.0	7.0	15.0	34.50	0.50	258.8
				As-Built Total:		180.0			4240.4		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	288.0	0.70	201.6	Face Brick, Wood, Exterior	11.0		1600.0	0.40	640.0		
Exterior	1600.0	1.70	2720.0	Frame, Wood, Adjacent	11.0		288.0	0.70	201.6		
Base Total: 1888.0 2921.6				As-Built Total:		1888.0			841.6		
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	19.0	2.40	45.6	Exterior Insulated			34.0	4.10	139.4		
Exterior	85.0	6.10	518.5	Adjacent Insulated			19.0	1.60	30.4		
				Exterior Insulated			51.0	4.10	209.1		
Base Total: 104.0 564.1				As-Built Total:		104.0			378.9		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1895.0	1.73	3278.4	Under Attic	30.0		1895.0	1.73 X 1.00	3278.4		
Base Total: 1895.0 3278.4				As-Built Total:		1895.0			3278.4		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	210.0(p)	-37.0	-7770.0	Slab-On-Grade Edge Insulation	1.0		210.0(p)	-39.87	-8372.0		
Raised	0.0	0.00	0.0								
Base Total: -7770.0				As-Built Total:		210.0			-8372.0		
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1895.0 10.21 19347.9				1895.0 10.21 19347.9							

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, Sub: Stonehenge, Plat: , Lake City, FL,

PERMIT #:

BASE					AS-BUILT										
Summer Base Points:		25177.6			Summer As-Built Points:				19715.2						
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
25177.6		0.4266		10740.8	19715.2		1.000		(1.090 x 1.147 x 1.00)		0.284		0.950		6659.9
					19715.2		1.00		1.250		0.284		0.950		6659.9

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, Sub: Stonehenge, Plat: , Lake City, FL,

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	1895.0	12.74	4345.6	Double, Clear	NW	1.3	2.0	4.0	14.03	1.02	57.1
				Double, Clear	NE	1.3	7.0	60.0	13.40	1.00	805.6
				Double, Clear	SE	1.3	2.0	16.0	5.33	1.58	134.9
				Double, Clear	SE	1.3	7.0	10.0	5.33	1.05	56.1
				Double, Clear	SW	10.0	7.0	45.0	7.17	1.79	576.7
				Single, Clear	W	5.0	7.0	15.0	23.35	1.13	395.4
				Double, Clear	SW	4.0	7.0	15.0	7.17	1.30	139.9
				Double, Clear	S	8.0	7.0	15.0	4.03	2.96	179.2
				As-Built Total:				180.0	2344.9		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	288.0	3.60	1036.8	Face Brick, Wood, Exterior	11.0		1600.0	3.50		5600.0	
Exterior	1600.0	3.70	5920.0	Frame, Wood, Adjacent	11.0		288.0	3.60		1036.8	
Base Total:				As-Built Total:		1888.0		6636.8			
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	19.0	11.50	218.5	Exterior Insulated			34.0	8.40		285.6	
Exterior	85.0	12.30	1045.5	Adjacent Insulated			19.0	8.00		152.0	
				Exterior Insulated			51.0	8.40		428.4	
Base Total:				As-Built Total:		104.0		866.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1895.0	2.05	3884.8	Under Attic	30.0		1895.0	2.05 X 1.00		3884.8	
Base Total:				As-Built Total:		1895.0		3884.8			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	210.0(p)	8.9	1869.0	Slab-On-Grade Edge Insulation	1.0		210.0(p)	15.63		3283.0	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		210.0		3283.0			
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1895.0 -0.59 -1118.0				1895.0 -0.59 -1118.0							

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

ADDRESS: Lot: 9, Sub: Stonehenge, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT									
Winter Base Points:		17202.1		Winter As-Built Points:		15897.4							
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
17202.1		0.6274	10792.6	15897.4		1.000		(1.069 x 1.169 x 1.00)		0.426		1.000	8468.0
				15897.4		1.00		1.250		0.426		1.000	8468.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, Sub: Stonehenge, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Ratio	Tank X Multiplier X Credit = Total Multiplier	
3		2746.00	8238.0	50.0	0.95	3	1.00	2543.66	1.00 7631.0
				As-Built Total:					7631.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
10741		10793		8238 29771	6660		8468		7631 22759

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 9, Sub: Stonehenge, Plat: , 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* = 87.1

The higher the score, the more efficient the home.

, Lot: 9, Sub: Stonehenge, Plat: , Lake City, FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1895 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	15.0 ft ²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. Clear - double pane	165.0 ft ²		HSPF: 8.00
c. Tint/other SHGC - single pane	0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=1.0, 210.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.95
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Face Brick, Wood, Exterior	R=11.0, 1600.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=11.0, 288.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	CF,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1895.0 ft ²	RB-Attic radiant barrier,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 65.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

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



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

EnergyGauge® (Version: FLRCPB v3.21)

BUILDING INPUT SUMMARY REPORT

PROJECT	Title:	The Eberly Residence	Family Type:	Single	Address Type:	Lot Information
	Owner:	(blank)	New/Existing:	New	Lot #:	9
	# of Units:	1	Bedrooms:	3	Subdivision:	Stonehenge
	Builder Name:	(blank)	Conditioned Area:	1895	Platbook:	(blank)
	Climate:	North	Total Stories:	1	Street:	N/A
	Permit Office:	Columbia	Worst Case:	No	County:	Columbia
	Jurisdiction #:	(blank)	Rotate Angle:	(blank)	City, St, Zip:	Lake City, FL,
FLOORS	#	Floor Type	R-Val	Area/Perimeter	Units	
	1	Slab-On-Grade Edge Insulation	1.0	210.0(p) ft	1	
CEILINGS	#	Ceiling Type	R-Val	Area	Base Area	Units
	1	Under Attic	30.0	1895.0 ft²	1895.0 ft²	1
WALLS	#	Wall Type	Location	R-Val	Area	Units
	1	Face Brick - Wood	Exterior	11.0	1600.0 ft²	1
	2	Frame - Wood	Adjacent	11.0	288.0 ft²	1
	Credit Multipliers: None					
DOORS	#	Door Type	Orientation	Area	Units	
	1	Insulated	Exterior	17.0 ft²	2	
	2	Insulated	Adjacent	19.0 ft²	1	
	3	Insulated	Exterior	17.0 ft²	3	
COOLING	#	System Type	Efficiency	Capacity		
	1	Central Unit	SEER: 12.00	36.0 kBtu/hr		
HEATING	#	System Type	Efficiency	Capacity		
	1	Electric Heat Pump	HSPF: 8.00	36.0 kBtu/hr		
DUCTS	#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
	1	Uncond.	Uncond.	Garage	6.0	65.0 ft
WATER	#	System Type	EF	Cap.	Conservation Type	Con. EF
	1	Electric Resistance	0.95	50.0	None	0.00
REFR.	#	Use Default?	Annual Operating Cost	Electric Rate		
	1	Yes	N/A	N/A		
MISC	Rater Name:	CodeOnlyPro	Class #:	3	Pool Size:	0
	Rater Certification #:	CodeOnlyPro	Duct Leakage Type:	N/A	Pump Size:	0.00 hp
	Area Under Fluorescent:	0.0	Visible Duct Disconnects:	N/A	Dryer Type:	Electric
	Area Under Incandescent:	0.0	Leak Free Duct System Proposed:	No	Stove Type:	Electric
	NOTE: Not all Rating info shown	HRV/ERV System Present?:	No	Avg Ceil Hgt:	10	

PO BOX 2949, LAKE CITY, FL 32058-2949
(263 NW Lake City Ave, Lake City, FL 32055)
Phone: (386) 752-8787
Fax: (386) 758-1385
E-mail: ron_croft@columbiacountyfla.com

COLUMBIA COUNTY
9-1-1 ADDRESSING

Fax

To: Brandon Steele

From: Ron Croft

Fax: 386 755 1025

Pages: 1 Total including cover page

Phone: 386 755 0841

Date: 12 July 2004

Re: Addresses

CC:

☐ Urgent

☐ For Review

☐ Please Comment

☐ Please Reply

☐ Please Recycle

● **Comments:** Addresses for Lots 21 and 25, Star Lake Estates Subdivision with frontage on NW Sylvi Drive.

Lot21 = 307 NW Sylvi Drive

Lot 25 = 223 NW Sylvi Drive

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000390**

DATE 08/26/2004 PARCEL ID # 28-3S-16-02372-071
APPLICANT BRANDON STEELE PHONE 386.755.0841
ADDRESS POB 2183 LAKE CITY FL 32056
OWNER MELVIN & DORIS EBERLY PHONE 386.754.2567
ADDRESS 307 NW SYLVI DRIVE LAKE CITY FL 32025
CONTRACTOR AARON SIMQUE PHONE 386.755.0841
LOCATION OF PROPERTY 90-W TO BROWN RD, R, GO TO 1ST. S/D L., STARLAKE EST., TURN L,
@ NW STARLAKE PL., R ON NW SYLVI DRIVE. SITE IS 7TH ON LEFT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT STARLAKE ESTATES 21

SIGNATURE



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



COLUMBIA COUNTY OFFICE OF 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 28-3S-16-02372-071

Building permit No. 000022241

Use Classification SFD & UTILITY

Fire: 34.02

Permit Holder AARON SIMQUE

Waste: 73.50

Owner of Building MELVIN & DORIS EBERLY

Total: 107.52

Location: 307 NW SYLVI DR(STAR LAKE EST., LOT 21)

Date: 03/09/2005



Henry Eberly

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)