

DATE 05/27/2005

Columbia County Building Permit

PERMIT

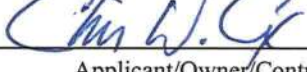
This Permit Expires One Year From the Date of Issue

000023209

APPLICANT CHRIS COX PHONE 867-0633
ADDRESS 252 NW IVY GLEN LAKE CITY FL 32055
OWNER CORNERSTONE DEVELOPMENT GROUP PHONE 752-1711
ADDRESS 184 SE GREGORY GLEN LAKE CITY FL 32025
CONTRACTOR BRYAN ZECHER PHONE 752-1711
LOCATION OF PROPERTY HIGHWAY 90E, TR ON OLD COUNTRY CLUB RD, TL ON GREGORY GLEN, 3RD OT ON RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 75000.00
HEATED FLOOR AREA 1500.00 TOTAL AREA 1974.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 18
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 15-4S-17-08359-129 SUBDIVISION COUNTRY CLUB ESTATE
LOT 29 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES .50

000000678 N CBC054575 
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT PERMIT 05-0478-N BK Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD,
ALTERNATE TERMIT TREATMENT RECEIVED

Check # or Cash 1386

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 \$ 375.00 CERTIFICATION FEE \$ 9.87 SURCHARGE FEE \$ 9.87
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 469.74

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 # 0505-14 Date Received 5/4/05 By JW Permit # 678/23209
 Application Approved by - Zoning Official BLK Date 20.05.05 Plans Examiner OK JTH Date 5-24-05
 Flood Zone X pft Development Permit N/A Zoning RSE-2 Land Use Plan Map Category Res. Low D
 Comments _____

Applicants Name Chris W. Cox Phone 867-0633
 Address 252 NW Ivy Glen, Lake City, FL 32055
 Owners Name Cornerstone Development Group Phone 752-1711
 911 Address 184 SE Gregory Glen, Lake City, FL 32025
 Contractors Name Bryan Zecher Phone 752-1711
 Address P.O. Box 1867 Lake City, FL 32056
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Mark Disosway
 Mortgage Lenders Name & Address N/A
 Property ID Number 15-45-17-08359-129 Estimated Cost of Construction CLAY
 Subdivision Name Country Side Estates Lot 29 Block _____ Unit _____ Phase _____
 Driving Directions Hwy. 90 West to Country Club Rd (C133)
turn right on Country Club Rd, drive approx. 3 miles
turn left on SE Gregory Glen, Country Side Estates, 3rd lot on right
 Type of Construction New Number of Existing Dwellings on Property 0
 Total Acreage .51 Acre Lot Size .51 Acre Do you need a Culvert Permit or Culvert Waiver or Have an Existing Dr
 Actual Distance of Structure from Property Lines - Front 27' Side 57' Side 57' Rear 62'
 Total Building Height 18' 9" Number of Stories 1 Heated Floor Area 1500 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.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA.



SHARON D. JOHNSON
 MY COMMISSION #DD366021
 EXPIRES: OCT 26, 2008
 Bonded through 1st State Insurance

Sworn to (or affirmed) and subscribed before me

this 28th day of January 2005

Personally known ✓ or Produced Identification _____

Contractor Signature

Contractors License Number CBC054575

Competency Card Number _____

NOTARY STAMP/SEAL

Sharon D. Johnson
 Notary Signature

COLUMBIA COUNTY 9-1-1 ADDRESSING

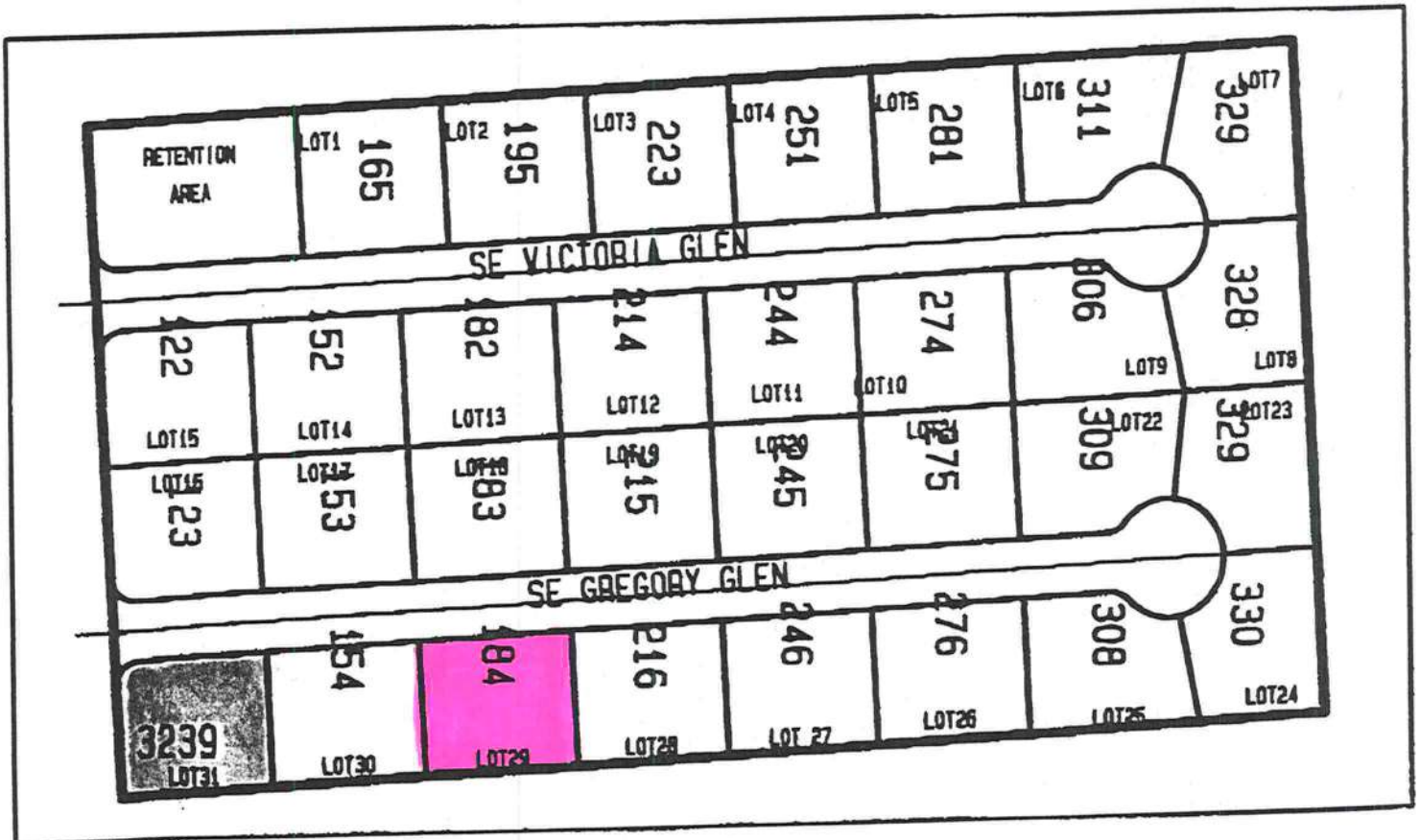
263 NW Lake City Ave. * P. O. Box 2949 * Lake City, FL 32056-2949
 PHONE: (386) 752-8787 * FAX (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

32025

Addresses for Country Side Estates Subdivision:

Lot #:	Address Assigned:
1	165 SE Victoria Glen
2	195 SE Victoria Glen
3	223 SE Victoria Glen
4	251 SE Victoria Glen
5	281 SE Victoria Glen
6	311 SE Victoria Glen
7	329 SE Victoria Glen
8	328 SE Victoria Glen
9	306 SE Victoria Glen
10	274 SE Victoria Glen
11	244 SE Victoria Glen
12	214 SE Victoria Glen
13	182 SE Victoria Glen
14	152 SE Victoria Glen
15	122 SE Victoria Glen

Lot #:	Address Assigned:
16	123 SE Gregory Glen
17	153 SE Gregory Glen
18	183 SE Gregory Glen
19	215 SE Gregory Glen
20	245 SE Gregory Glen
21	275 SE Gregory Glen
22	309 SE Gregory Glen
23	329 SE Gregory Glen
24	330 SE Gregory Glen
25	308 SE Gregory Glen
26	276 SE Gregory Glen
27	246 SE Gregory Glen
28	216 SE Gregory Glen
29	184 SE Gregory Glen
30	154 SE Gregory Glen
31	3239 SE Country Club Rd



CODE

162'

● = HOME

● = POWER

● = SEPTIC

● = WATER

136'

57'

62'

57'

136'

POWER

27'

PAVED DRIVE

46'8"

47'6"

HOME

SEPTIC

WATER

UTILITY
EASEMENT

162'

COUNTRYSIDE
ESTATES

LOT

29

SITE
PLAN

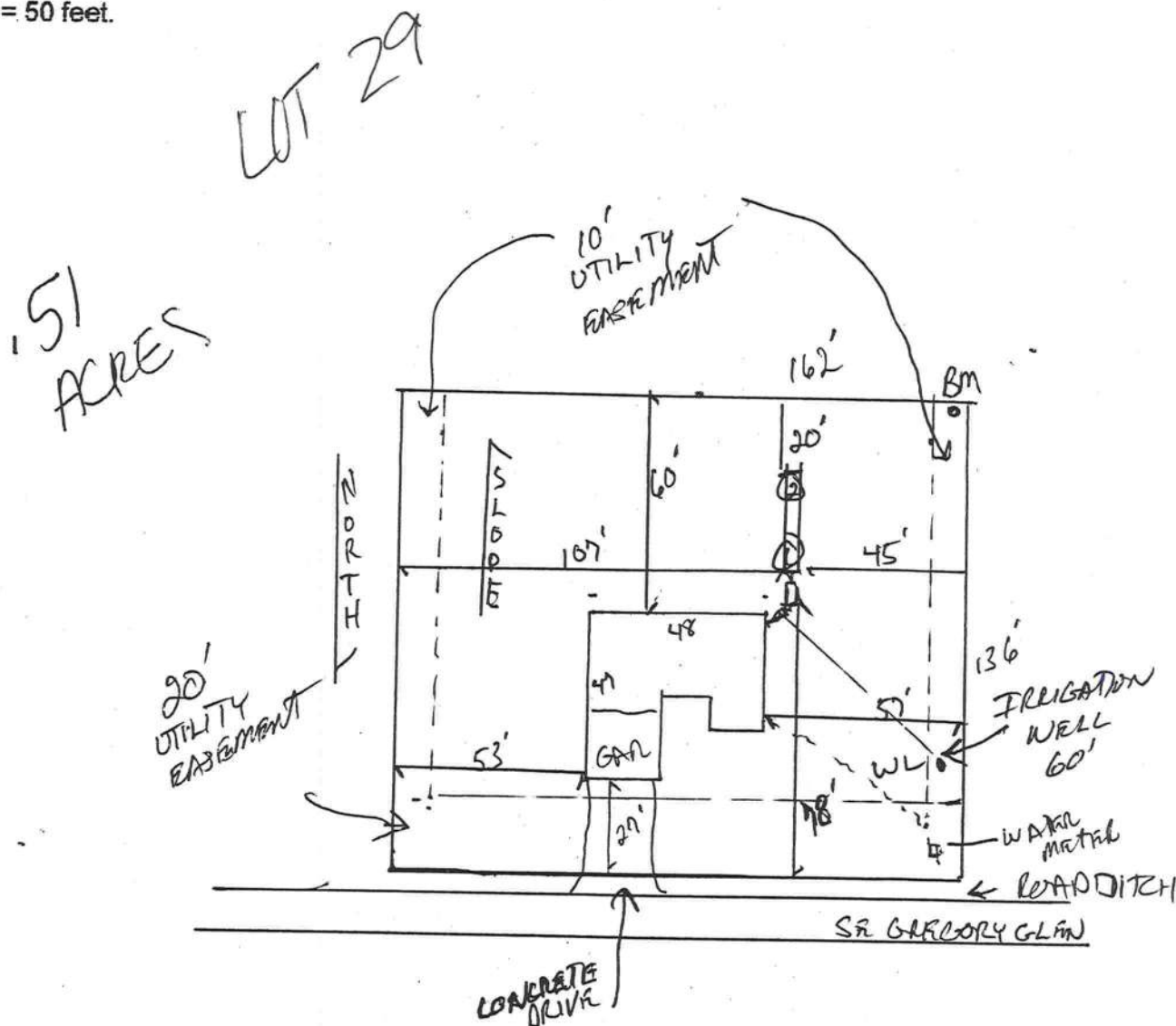
SAMUEL

MODEL

S.E. GREGGORY GLEN

Permit Application Number 05-047822

Scale: 1 inch = 50 feet.



Notes: _____

MASTER CONTRACTOR

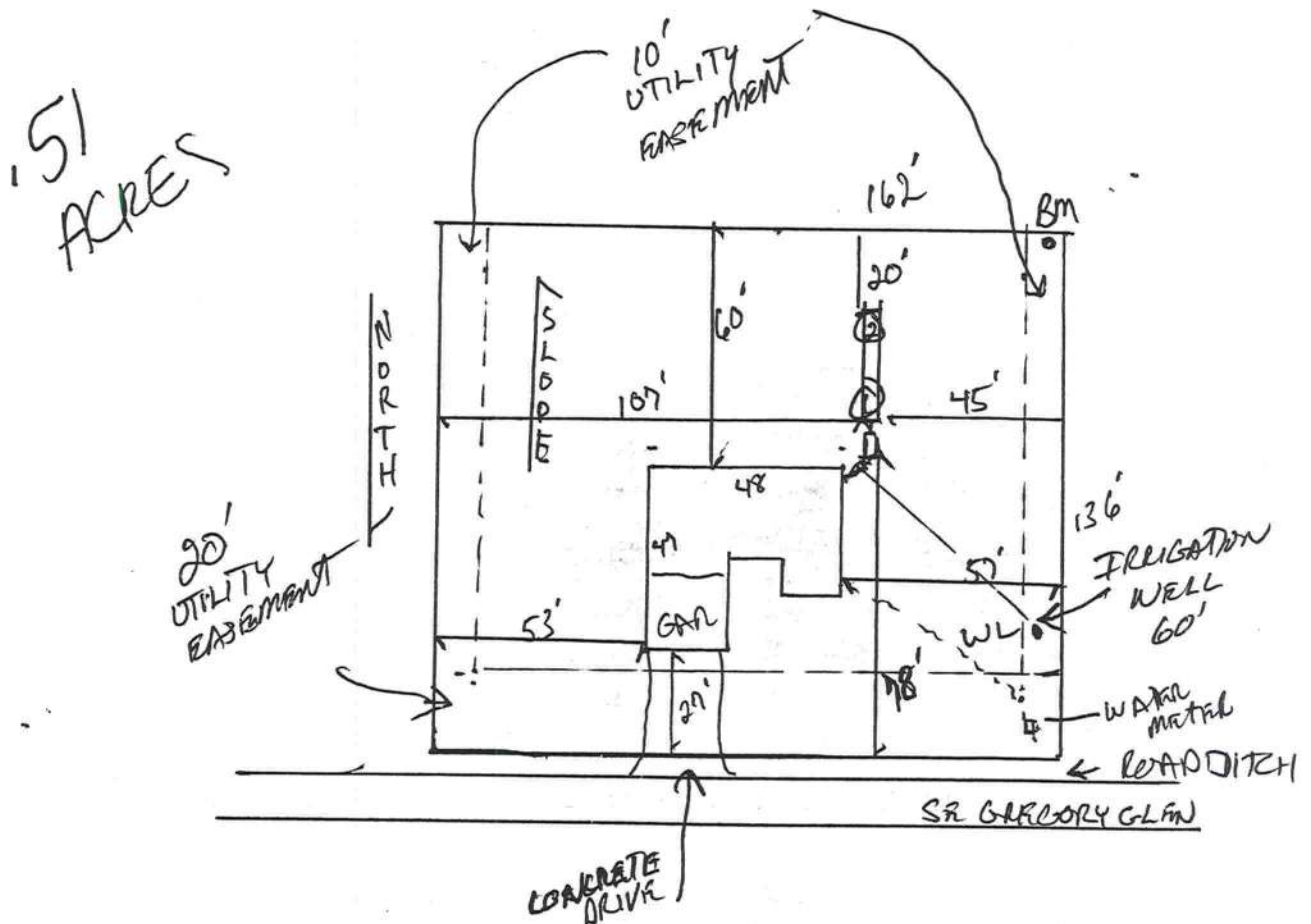
Date APR 28 2005

By Sallee Praddy - ESI - COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Permit Application Number 05-047822

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D. T. S. **MASTER CONTRACTOR**
Plan Approved X Not Approved _____ Date APR 28 2005
By Sally Gaddy - ESI - COLUMBIA County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

1)

THIS INSTRUMENT WAS PREPARED BY:

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

Inst:2004008036 Date:04/08/2004 Time:12:28

Doc Stamp-Deed : 1435.00

RETURN TO:

MDH DC, P. Dewitt Cason, Columbia County B:1012 P:49

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

File No. 04-119

Property Appraiser's
Parcel Identification No.
15-4S-17-08359-016

WARRANTY DEED

THIS INDENTURE, made this 8th day of April 2004, BETWEEN ROLAND L. TARDIF and his wife, LOUISE TARDIF, whose post office address is 4078 SE Country Club Road, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantor*, and CORNERSTONE DEVELOPMENT GROUP, LLC, a Florida Limited Liability Company, whose post office address is 180 NW Amenity Court, Lake City, Florida 32025, of the County of Columbia, 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 successors and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

PARCEL NO. 1:

TOWNSHIP 4 SOUTH - RANGE 17 EAST

SECTION 15: Begin at the Southeast corner of the Northwest 1/4 of Section 15, Township 4 South, Range 17 East, Columbia County, Florida, and run N 1°11'01"W, along the East line of said Northwest 1/4 a distance of 679.28 feet to the POINT OF BEGINNING; thence S 88°41'16"W, 1296.02 feet to the East right-of-way line of State Road No. S-133; thence N 1°14'10"W, along said West right-of-way line 336.70 feet; thence N 88°41'16"E, 1296.33 feet to said East line of the Northwest 1/4, Section 15; thence S 1°11'01"E, along said East line 336.70 feet to the POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

PARCEL NO. 2:

TOWNSHIP 4 SOUTH - RANGE 17 EAST

SECTION 15: Commence at the Southeast corner of the Northwest 1/4 of Section 15, Township 4 South, Range 17 East, Columbia County, Florida, and run N 01°11'01"W, along the East line of said Northwest 1/4 a distance of 343.13 feet to the POINT OF BEGINNING; thence S 88°41'16"W, 1295.71 feet to a point on the East right-of-way line of State Road No. S-133; thence N 01°14'10"W, along said

Easterly right-of-way line 336.15 feet; thence N 88°41'16"E, 1296.02 feet to a point on the East line of said Northwest 1/4 of Section 15; thence S 01°11'01"E, along said East line 336.15 feet to the POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year, & Restrictions shown on Schedule "A" attached hereto.

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.

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:

Terry McDavid
(First Witness)

Terry McDavid
Printed Name

Myrtle Ann McElroy
(Second Witness)

Myrtle Ann McElroy
Printed Name

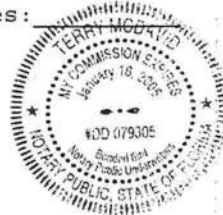
Roland L. Tardif (SEAL)
Roland L. Tardif

Louise Tardif (SEAL)
Louise Tardif

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 8th day of April 2004, by ROLAND L. TARDIF and his wife, LOUISE TARDIF, who are personally known to me and who did not take an oath.

Terry McDavid
Notary Public
My Commission Expires:



SCHEDULE "A" ATTACHED TO WARRANTY DEED
DATED APRIL 8, 2004 FROM
ROLAND L. TARDIF & his wife, LOUISE TARDIF
TO
CORNERSTONE DEVELOPMENT GROUP, LLC

For the period of time ending twenty (20) years from this date, the property described herein shall be subject to the following restrictions:

1. No mobile homes may be placed on the property.
2. Any home built on the property shall be a single family residence having not less than 1,100 square feet of heated living area.

Inst:2004008036 Date:04/08/2004 Time:12:28
Doc Stamp-Deed : 1435.00
446 DC, P. DeWitt Cason, Columbia County B:1012 P:51



**REPORT ON
IN-PLACE DENSITY TESTS**

Client: Cornerstone Development
P.O. Box 1867
Lake City, FL 32056

#23209

Project: Country Side Estates, Lot No. 29, Permit Not Posted, Lake City, Columbia County, FL

Area Tested: Fill Beneath Proposed Building Pad

Course: Final Grade

Depth of Test: 0-1'

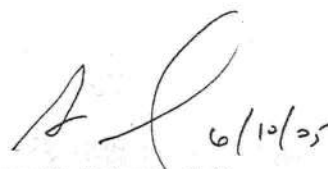
Type of Test: ASTM D-2922

Date Tested: 06-06-05

Remarks: The tests below meet the minimum 95 percent relative soil compaction requirement of Laboratory Modified Proctor maximum dry density (ASTM D-1557).

TEST LOCATION		LABORATORY RESULTS		FIELD TEST RESULTS		
Description of Test Location		Maximum Density (pcf)	Optimum Moisture (%)	Dry Density (pcf)	Field Moisture (%)	Soil Compaction (%)
1.	Approximate Center of Pad	112.0	11.0	109.1	5.9	97.4
2.	Approximately 10' Southeast from Northwest Corner of Pad	112.0	11.0	109.8	6.0	98.0
3.	Approximately 10' Northwest from Southeast Corner of Pad	112.0	11.0	109.5	5.8	97.8

Technician: DM/lm


Andrew T. Schmid, P.E.
FL Professional Engineer No. 56022

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

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

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant

Plans Examiner



All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.



Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.



Site Plan including:

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



Wind-load Engineering Summary, calculations and any details required

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



Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories



✓
b) Wood frame wall

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

□ *NA* □ ~~c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)~~

~~Floor Framing System:~~

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

~~Plumbing Fixture layout~~

~~Electrical layout including:~~

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

~~HVAC information~~

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

~~Energy Calculations (dimensions shall match plans)~~

~~Gas System Type (LP or Natural) Location and BTU demand of equipment~~ *N/A*

~~Disclosure Statement for Owner Builders~~

~~Notice Of Commencement~~

~~Private Potable Water~~ — *Private water system*

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

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A


Project Name:	TheSamuelModel	Builder:	Bryan Zecher Construction
Address:	Lot: , Sub: , Plat:	Permitting Office:	
City, State:	,	Permit Number:	23209
Owner:	Model Home	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: 34.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.50
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1500 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 215.0 ft²	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.40
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 196.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Adjacent	R=13.0, 172.0 ft²	c. Conservation credits	
b. Frame, Wood, Exterior	R=13.0, 1121.0 ft²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1754.0 ft²	PT-Programmable Thermostat,	
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, 150.0 ft		
b. N/A			

Glass/Floor Area: 0.14

Total as-built points: 24080
Total base points: 24152

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: Evan Beamsley DATE: 4/20/05 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: _____ 
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SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,

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	1500.0	20.04	5410.8	Double, Clear	SE	1.5 5.5	45.0	42.75	0.86	1656.4
				Double, Clear	S	14.0 7.0	10.0	35.87	0.45	161.8
				Double, Clear	SE	11.5 5.3	45.0	42.75	0.40	765.1
				Double, Clear	E	8.0 7.0	10.0	42.06	0.48	202.8
				Double, Clear	SW	1.5 1.5	3.0	40.16	0.49	59.1
				Double, Clear	NW	9.0 7.5	6.0	25.97	0.60	94.1
				Double, Clear	NW	1.5 5.5	30.0	25.97	0.91	710.4
				Double, Clear	NW	1.5 8.0	30.0	25.97	0.96	750.6
				Double, Clear	NE	1.5 3.5	6.0	29.56	0.80	142.1
				Double, Clear	NE	1.5 5.5	30.0	29.56	0.91	802.9
				As-Built Total:				215.0	5345.3	
WALL TYPES				Type	R-Value		Area X	SPM	= Points	
Adjacent	172.0	0.70	120.4	Frame, Wood, Adjacent	13.0		172.0	0.60	103.2	
Exterior	1121.0	1.70	1905.7	Frame, Wood, Exterior	13.0		1121.0	1.50	1681.5	
Base Total:				As-Built Total:				1293.0	1784.7	
DOOR TYPES				Type			Area X	SPM	= Points	
Adjacent	20.0	2.40	48.0	Exterior Insulated			20.0	4.10	82.0	
Exterior	40.0	6.10	244.0	Exterior Insulated			20.0	4.10	82.0	
				Adjacent Insulated			20.0	1.60	32.0	
Base Total:				As-Built Total:				60.0	196.0	
CEILING TYPES				Type	R-Value		Area X	SPM X SCM	= Points	
Under Attic	1500.0	1.73	2595.0	Under Attic	30.0		1754.0	1.73 X 1.00	3034.4	
Base Total:				As-Built Total:				1754.0	3034.4	
FLOOR TYPES				Type	R-Value		Area X	SPM	= Points	
Slab	196.0(p)	-37.0	-7252.0	Slab-On-Grade Edge Insulation	0.0		196.0(p)	-41.20	-8075.2	
Raised	0.0	0.00	0.0							
Base Total:				As-Built Total:				196.0	-8075.2	
INFILTRATION								Area X	SPM	= Points
	1500.0	10.21	15315.0					1500.0	10.21	15315.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		18386.9		Summer As-Built Points:				17600.2							
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
18386.9		0.4266		7843.9	17600.2		1.000		(1.090 x 1.147 x 1.00)		0.297		1.000		6530.5
18386.9		0.4266		7843.9	17600.2		1.00		1.250		0.297		1.000		6530.5

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Overhang Type/SC Ornt Len Hgt Area X WPM X WOF = Points							
.18	1500.0	12.74	3439.8	Double, Clear	SE	1.5	5.5	45.0	14.71	1.11	737.3
				Double, Clear	S	14.0	7.0	10.0	13.30	3.51	466.1
				Double, Clear	SE	11.5	5.3	45.0	14.71	2.52	1668.0
				Double, Clear	E	8.0	7.0	10.0	18.79	1.32	249.0
				Double, Clear	SW	1.5	1.5	3.0	16.74	1.60	80.3
				Double, Clear	NW	9.0	7.5	6.0	24.30	1.03	149.8
				Double, Clear	NW	1.5	5.5	30.0	24.30	1.00	731.9
				Double, Clear	NW	1.5	8.0	30.0	24.30	1.00	729.4
				Double, Clear	NE	1.5	3.5	6.0	23.57	1.02	144.2
				Double, Clear	NE	1.5	5.5	30.0	23.57	1.01	712.7
				As-Built Total:							215.0
WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Adjacent	172.0	3.60	619.2	Frame, Wood, Adjacent			13.0	172.0	3.30	567.6	
Exterior	1121.0	3.70	4147.7	Frame, Wood, Exterior			13.0	1121.0	3.40	3811.4	
Base Total: 1293.0 4766.9				As-Built Total: 1293.0 4379.0							
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points							
Adjacent	20.0	11.50	230.0	Exterior Insulated				20.0	8.40	168.0	
Exterior	40.0	12.30	492.0	Exterior Insulated				20.0	8.40	168.0	
				Adjacent Insulated				20.0	8.00	160.0	
Base Total: 60.0 722.0				As-Built Total: 60.0 496.0							
CEILING TYPES Area X BWPM = Points				Type R-Value Area X WPM X WCM = Points							
Under Attic	1500.0	2.05	3075.0	Under Attic			30.0	1754.0	2.05 X 1.00	3595.7	
Base Total: 1500.0 3075.0				As-Built Total: 1754.0 3595.7							
FLOOR TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points							
Slab	196.0(p)	8.9	1744.4	Slab-On-Grade Edge Insulation			0.0	196.0(p)	18.80	3684.8	
Raised	0.0	0.00	0.0								
Base Total: 1744.4				As-Built Total: 196.0 3684.8							
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
	1500.0	-0.59	-885.0					1500.0	-0.59	-885.0	

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		12863.1		Winter As-Built Points:				16939.2			
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	
12863.1		0.6274	8070.3	16939.2		1.00	(1.069 x 1.169 x 1.00)	0.461	1.000	9754.5	
				16939.2		1.00	1.250	0.461	1.000	9754.5	

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume	Bedrooms		Ratio	Multiplier
Bedrooms									
3		2746.00		8238.0	40.0	0.93	3	1.00	2598.37
					As-Built Total:				7795.1

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Hot Water	=	Total	
Points		Points		Points		Points	
7844		8070		8238		24152	

Cooling	+	Heating	+	Hot Water	=	Total	
Points		Points		Points		Points	
6530		9755		7795		24080	

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , , ,

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* = 82.8

The higher the score, the more efficient the home.

Model Home, Lot: , Sub: , Plat: , , ,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.50
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	1500 ft²	c. N/A	
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 215.0 ft²	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		HSPF: 7.40
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 196.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Adjacent	R=13.0, 172.0 ft²	c. Conservation credits	
b. Frame, Wood, Exterior	R=13.0, 1121.0 ft²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1754.0 ft²	PT-Programmable Thermostat,	
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, 150.0 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, Energy Code Division (Version: FLR2PB v3.4)

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000678**

DATE 05/27/2005 PARCEL ID # 15-4S-17-08359-129

APPLICANT CHRIS COX PHONE 867-0633

ADDRESS 252 NW IVY GLEN LAKE CITY FL 32055

OWNER CORNERSTONE DEVELOPMENT GROUP PHONE 752-1711

ADDRESS 184 SE GREGORY GLEN LAKE CITY FL 32025

CONTRACTOR BRYAN ZECHER PHONE 752-1711

LOCATION OF PROPERTY HIGHWAY 90E, TR ON OLD COUNTRY CLUB RD, TL ON GREGORY GLEN,
3RD LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT COUNTRY CLUB ESTATES 29

SIGNATURE

Chris W. Cox

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 INSTALLATION 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 FORM
COLUMBIA COUNTY, FLORIDA

23209

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 15-45-17-08359-129

1. Description of property: (legal description of the property and street address or 911 address)
15-45-17 OR 184 SE GREGORY AVE. LAKE CITY, FL. 32005
COUNTRY SIDE ESTATES LOT 29
2. General description of Improvement: NEW HOME
3. Owner Name & Address JOHN & JULIE HATT 6851 MALIBU DRIVE
RIVERSIDE, CALIF. 92504 Interest in Property NA
4. Name & Address of Fee Simple Owner (if other than owner): NA
5. Contractor Name BRYAN ZECHE Phone Number 386-72-8653
Address PO BOX 815 LAKE CITY, FL. 32056
6. Surety Holders Name NA Phone Number _____
Address _____
Amount of Bond NA Inst: 2005013663 Date: 06/10/2005 Time: 08:49
MK DC, P. DeWitt Cason, Columbia County B: 1048 P: 1534
7. Lender Name NA
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 NA Phone Number _____
Address _____
9. In addition to himself/herself the owner designates NA of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee NA
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) NA

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.

Sworn to (or affirmed) and subscribed before
day of June 10, 2005

NOTARY STAMP/SEAL

Signature of Owner



Signature of Notary

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 15-4S-17-08359-129

Building permit No. 000023209

Use Classification SFD, UTILITY

Fire: .00

Permit Holder BRYAN ZECHER

Waste: .00

Owner of Building CORNERSTONE DEVELOPMENT GROUP

Total: .00

Location: 184 SE GREGORY GLEN, (COUNTRY SIDE EST, LOT 29)

Date: 09/27/2005



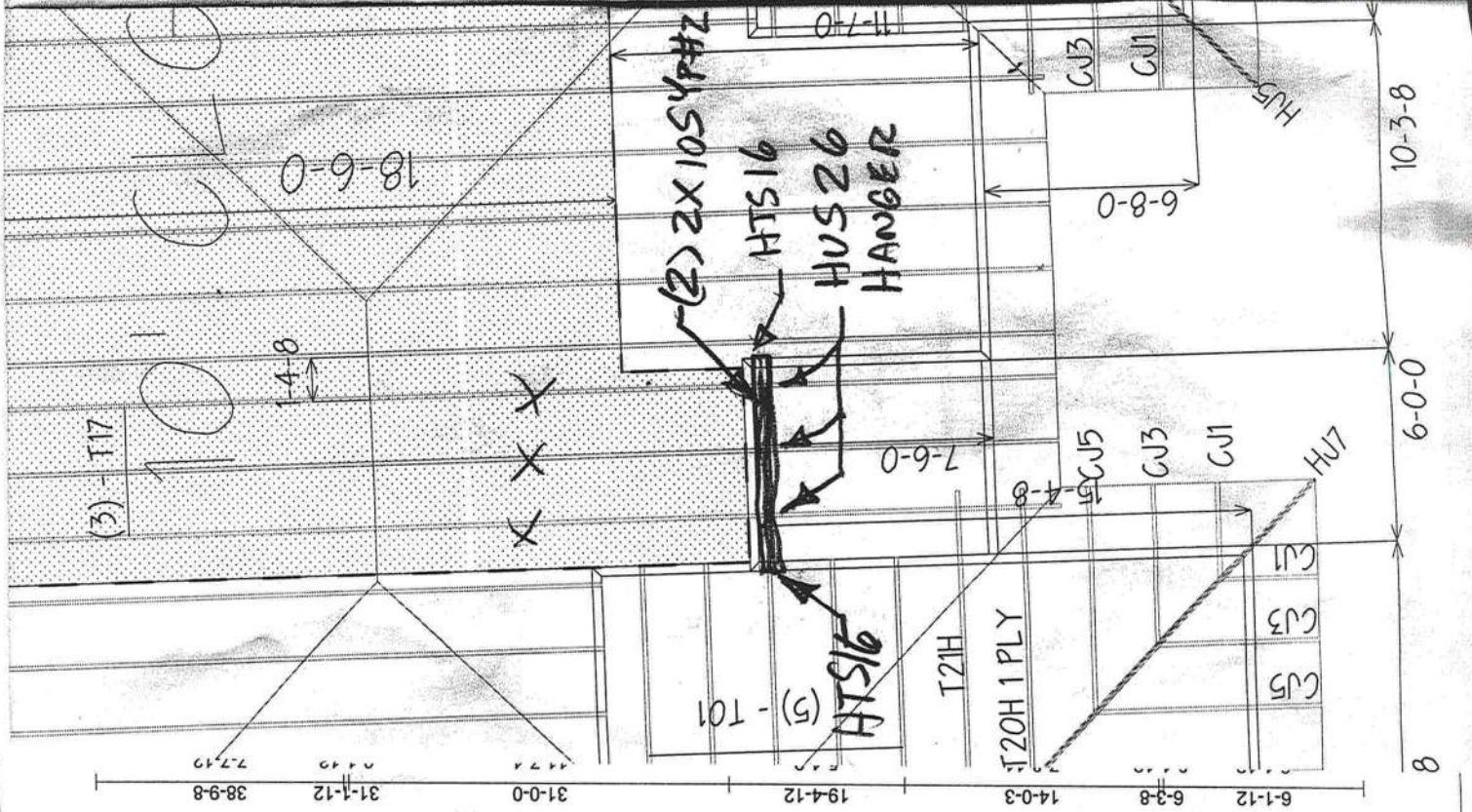
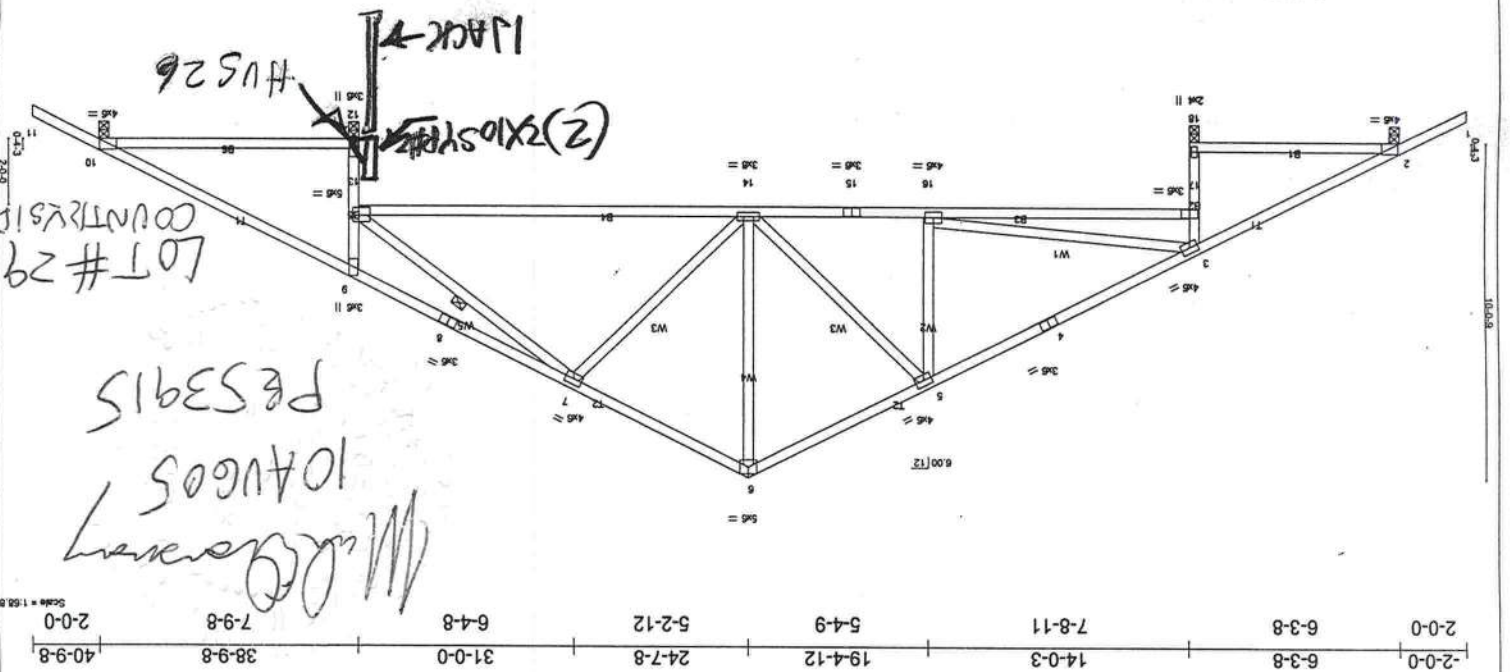

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

#23209

Job	Truss	T17	SPECIAL	3	City	1	Job Reference (optional)
Builders FirstSource, Lake City, FL 32056 6,200 s Dec 15 2004 Mitek Industries, Inc. Tue Jun 28 17:50:20 2005 Page 1							

Job Reference (optional)	6.200 s Dec 15 2004 Mittek Industries, Inc. Tue Jun 28 17:50:20 2005 Page 1
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NOTES:

- 1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING, INSTALLATION AND TEMPORARY BRACING. REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED)
- 2) ALL TRUSSES (INCLUDING TRUSSES INFER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V05 FOR ALTERNATE BRACING REQUIREMENTS.
- 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER
- 4) ALL TRUSSES ARE DESIGNED FOR 2' o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED
- 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
- 6) 5/142 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
- 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HUS26 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON TH442 UNLESS OTHERWISE NOTED.
- 8) BEAM/HORIZONTAL RAIL (N/R) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS, REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date :

Approved by: _____ Date: _____



Bunnell

Jacksonville

Lake City

Sanford

PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: CORNERSTONE DEV.

LEGAL ADDRESS: COUNTRY SIDE ESTATES

MODEL:	SAMUEL		REVISION:	
DATE:	4/20/05	DESIGN BY:	WWL	SCALE: NTS
				LOG #: L112197

Notice of Treatment

11514

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: BAYA Aol

City: Laurel City Phone: 7521703

Site Location: Subdivision Countryside E5T

Lot # 29 Block # Permit # 23209

Address 1845E Gregory St

Product used Active Ingredient % Concentration

☐ Dursban TC Chlorpyrifos 0.5%

☐ Terminor Fipronil 0.06%

☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment:

☐ Soil

☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dueling 1174 579 35

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line .

Date 8/3/05 Time 1200 Print Technician's Name F254

Remarks:

Applicator - White Permit File - Canary Permit Holder - Pink

6/04 ©

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 5-12-05

CS LOT 29

LAKE CITY

(Address of Treatment or Lot/Block of Treatment)

City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete foundation installation.)