DATE 09/07/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000023577

APPLICANT KATIE REED PHONE 752-4072

ADDRESS 2230 SE BAYA DRIVE LAKE CITY FL 32025

OWNER RANDALL & CRYSTAL ODOM PHONE 752-4072

ADDRESS 737 SW ZIERKE DRIVE LAKE CITY FL 32024

CONTRACTOR DON REED PHONE 752-4072

LOCATION OF PROPERTY 247S, TR ON ZIERKE ROAD, TO THE END ON RIGHT, ODOM SIGN

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 88300.00

HEATED FLOOR AREA 1766.00 TOTAL AREA 2428.00 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 DEVELOPMENT PERMIT NO.

PARCEL ID 02-4S-16-02721-005 SUBDIVISION NAUVOO ACRES

LOT 4 BLOCK PHASE UNIT TOTAL ACRES

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CGC036224	Katie Reed

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	05-0852-E	BK		Y

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

MH TO BE REMOVED 30 DAYS AFTER PERMANENT POWER

ALTERNATIVE TERMIT TREATMENT ON FILE Check # or Cash 4217

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 $ 445.00 CERTIFICATION FEE $ 12.14 SURCHARGE FEE $ 12.14

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

FLOOD ZONE DEVELOPMENT FEE $ ____ CULVERT FEE $ ____ **TOTAL FEE** 519.28

INSPECTORS OFFICE [signature] CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0508-79 Date Received 8/18/05 By [illegible] Permit # 23577

Application Approved by - Zoning Official BLK Date 01.09.05 Plans Examiner OK STH Date 9-6-05

Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. LOW DEN.

Comments MH to be removed 30 day after permanent power

Applicants Name Katie Reed Phone 386-752-4072

Address 2230 SE Baya Drive Suite 101 Lake City, FL 32025

Owners Name Randall W. and Crystal D. Odom Phone 386-752-4072

911 Address 737 SW Zierke Drive Lake City, FL 32024

Contractors Name Don Reed Phone 386-752-4072

Address 2230 SE Baya Drive Suite 101 Lake City, FL 32024

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disosway, P.E. P.O. Box 868 Lake City, FL 32056

Mortgage Lenders Name & Address People's State Bank 350 SW Main Blvd Lake City, FL 32025

Circle the correct power company - FL Power & Light - (Clay Elec.) - Suwannee Valley Elec. - Progressive Energy

Property ID Number 02-4S-16-02721-005 Estimated Cost of Construction $148,263.00

Subdivision Name Nauvoo Acres Lot 4 Block ____ Unit ____ Phase ____

Driving Directions Branford Highway; go over overpass; TR on Zierke Road; just before road dead ends, lot 4 is on the right; look for the "Odom" sign

Type of Construction single family dwelling Number of Existing Dwellings on Property 1

Total Acreage 2.35 Lot Size ____ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)

Actual Distance of Structure from Property Lines - Front 100' Side 231' Side 60' Rear 80'

Total Building Height 18' Number of Stories 1 Heated Floor Area 1,766 Roof Pitch 6/12

Porches 319 Garage 483 TOTAL 2428

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 COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor)

Notary Public State of Florida
Ingrid Geiger
My Commission DD385312
Expires 01/26/2009

Contractor Signature Don Reed

Contractors License Number CGC036224

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 17th day of August 2005.

Personally known ✓ or Produced Identification ____

Notary Signature Ingrid Geiger

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Odom Residence**	Builder:	**Don Reed**
Address:	**Zierke Rd.**	Permitting Office:	
City, State:	**Lake City, FL**	Permit Number:	23577
Owner:	**Randall & Crystal Odom**	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: 36.0 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		
6. Conditioned floor area (ft²)	1766 ft²	c. N/A	
7. Glass area & type			
a. Clear - single pane	0.0 ft²	13. Heating systems	
b. Clear - double pane	285.0 ft²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
c. Tint/other SHGC - single pane	0.0 ft²		HSPF: 6.80
d. Tint/other SHGC - double pane	0.0 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 207.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Adjacent	R=13.0, 168.0 ft²		EF: 0.90
b. Frame, Wood, Exterior	R=13.0, 1863.0 ft²	b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	
a. Under Attic	R=30.0, 1766.0 ft²	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 123.0 ft		
b. N/A			

Glass/Floor Area: 0.16

Total as-built points: 28164
Total base points: 29156

PASS

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

PREPARED BY: _____

DATE: 6-15-05

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.

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Zierke Rd., 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.	

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Zierke Rd., Lake City, FL,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2746.00	8238.0	50.0	0.90	3	1.00	2684.98	1.00	8054.9	
				As-Built Total:							**8054.9**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
10091	**10827**	**8238**	**29156**	**9799**	**10309**	**8055**	**28164**

PASS

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Zierke Rd., Lake City, FL,**	PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points			Area X	WPM	=	Points	
	1766.0	-0.59	-1041.9			1766.0	-0.59		-1041.9	
Winter Base Points:			**17256.2**	**Winter As-Built Points:**						**17689.4**
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
17256.2	**0.6274**		**10826.5**	17689.4 **17689.4**	1.000 **1.00**	(1.069 x 1.169 x 0.93) **1.162**	0.501 **0.501**	1.000 **1.000**		10309.4 **10309.4**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Zierke Rd., Lake City, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1766.0	12.74	4049.8	Double, Clear	W	1.5	6.4	108.0	10.77	1.02	1186.2	
				Double, Clear	W	1.5	1.5	18.0	10.77	1.17	226.1	
				Double, Clear	W	4.4	1.7	5.0	10.77	1.24	66.5	
				Double, Clear	S	1.5	1.5	4.0	4.03	2.73	44.0	
				Double, Clear	SE	1.5	7.5	10.0	5.33	1.06	56.5	
				Double, Clear	E	1.5	7.5	30.0	9.09	1.02	279.0	
				Double, Clear	NE	1.5	7.5	10.0	13.40	1.00	134.4	
				Double, Clear	SE	1.5	7.5	12.0	5.33	1.06	67.7	
				Double, Clear	E	1.5	7.5	30.0	9.09	1.02	279.0	
				Double, Clear	NE	1.5	7.5	24.0	13.40	1.00	322.4	
				Double, Clear	E	10.0	2.0	10.0	9.09	1.51	137.0	
				Double, Clear	E	1.5	7.5	20.0	9.09	1.02	186.0	
				Double, Clear	N	1.5	1.7	4.0	14.30	1.02	58.2	
				As-Built Total:				**285.0**			**3043.0**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	168.0	3.60	604.8	Frame, Wood, Adjacent	13.0	168.0	3.30	554.4
Exterior	1863.0	3.70	6893.1	Frame, Wood, Exterior	13.0	1863.0	3.40	6334.2
Base Total:	**2031.0**		**7497.9**	**As-Built Total:**		**2031.0**		**6888.6**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	11.50	230.0	Exterior Wood	20.0	12.30	246.0
Exterior	86.0	12.30	1057.8	Adjacent Wood	20.0	11.50	230.0
				Exterior Wood	66.0	12.30	811.8
Base Total:	**106.0**		**1287.8**	**As-Built Total:**	**106.0**		**1287.8**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Under Attic	1766.0	2.05	3620.3	Under Attic	30.0	1766.0	2.05 X	1.00	3620.3
Base Total:	**1766.0**		**3620.3**	**As-Built Total:**		**1766.0**			**3620.3**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	207.0(p)	8.9	1842.3	Slab-On-Grade Edge Insulation	0.0	207.0(p	18.80	3891.6
Raised	0.0	0.00	0.0					
Base Total:			**1842.3**	**As-Built Total:**		**207.0**		**3891.6**

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Zierke Rd., Lake City, FL,**	PERMIT #:

BASE								AS-BUILT								
INFILTRATION	Area	X	BSPM	=	Points				Area	X	SPM	=	Points			
	1766.0		10.21		18030.9				1766.0		10.21		18030.9			
Summer Base Points:					**23654.7**			**Summer As-Built Points:**								**25236.7**
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
23654.7		**0.4266**		**10091.1**				25236.7 **25236.7**		1.000 **1.00**		(1.090 x 1.147 x 0.91) **1.138**		0.341 **0.341**		1.000 **1.000**		9799.4 **9799.4**

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Zierke Rd., Lake City, FL,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1766.0	20.04	6370.3	Double, Clear	W	1.5	6.4	108.0	36.99	0.92	3694.9	
				Double, Clear	W	1.5	1.5	18.0	36.99	0.53	353.1	
				Double, Clear	W	4.4	1.7	5.0	36.99	0.38	70.1	
				Double, Clear	S	1.5	1.5	4.0	34.50	0.52	71.8	
				Double, Clear	SE	1.5	7.5	10.0	40.86	0.93	381.1	
				Double, Clear	E	1.5	7.5	30.0	40.22	0.95	1144.6	
				Double, Clear	NE	1.5	7.5	10.0	28.72	0.95	273.9	
				Double, Clear	SE	1.5	7.5	12.0	40.86	0.93	457.3	
				Double, Clear	E	1.5	7.5	30.0	40.22	0.95	1144.6	
				Double, Clear	NE	1.5	7.5	24.0	28.72	0.95	657.3	
				Double, Clear	E	10.0	2.0	10.0	40.22	0.36	143.5	
				Double, Clear	E	1.5	7.5	20.0	40.22	0.95	763.1	
				Double, Clear	N	1.5	1.7	4.0	19.22	0.73	55.9	
				As-Built Total:				**285.0**			**9211.2**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	168.0	0.70	117.6	Frame, Wood, Adjacent	13.0	168.0	0.60	100.8
Exterior	1863.0	1.70	3167.1	Frame, Wood, Exterior	13.0	1863.0	1.50	2794.5
Base Total:	**2031.0**		**3284.7**	**As-Built Total:**		**2031.0**		**2895.3**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	Exterior Wood	20.0	6.10	122.0
Exterior	86.0	6.10	524.6	Adjacent Wood	20.0	2.40	48.0
				Exterior Wood	66.0	6.10	402.6
Base Total:	**106.0**		**572.6**	**As-Built Total:**	**106.0**		**572.6**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	1766.0	1.73	3055.2	Under Attic	30.0	1766.0	1.73 X 1.00	3055.2
Base Total:	**1766.0**		**3055.2**	**As-Built Total:**		**1766.0**		**3055.2**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	207.0(p)	-37.0	-7659.0	Slab-On-Grade Edge Insulation	0.0	207.0(p	-41.20	-8528.4
Raised	0.0	0.00	0.0					
Base Total:			**-7659.0**	**As-Built Total:**		**207.0**		**-8528.4**

05-08-79

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

Parcel I.D. #: ***02721-005***
Owner(s) SS#'s: ***593609633, 594462899***

Inst:2005019172 Date:08/10/2005 Time:11:37
DC,P.DeWitt Cason,Columbia County B:1054 P:1488

SPACE ABOVE THIS LINE FOR PROCESSING DATA *SPACE ABOVE THIS LINE FOR RECORDING DATA*

NOTICE OF COMMENCEMENT

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 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

   737 SW ZIERKE DRIVE, LAKE CITY, FLORIDA 32024
   Lot 4, NAUVOO ACRES, according to the map or plat thereof as recorded in Plat Book 4, Page 45, of the Public Records of Columbia County, FLORIDA.

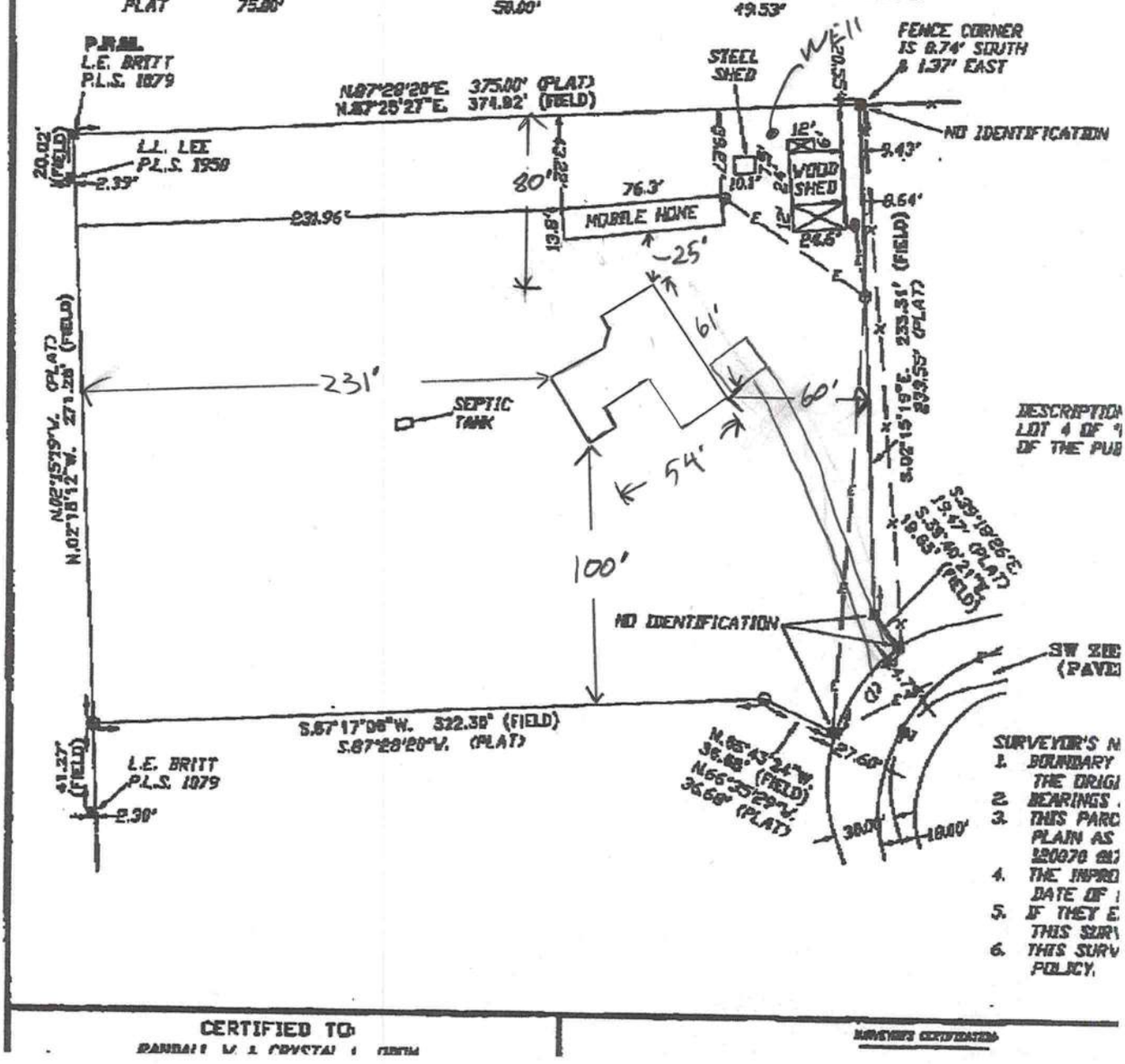
2. General description of improvement: **construction of single family dwelling**

3. Owner information:
   a. Name and address:
      RANDALL W. ODOM and CRYSTAL D. ODOM

Odom

CURVE TABLE

NO.	RADIUS	DELTA	ARC	TANGENT	CHORD	CHORD BEARING
1	75.00'	38°35'53"	50.52'	26.26'	49.57'	N.37°12'16"E.
PLAT	75.00'		50.00'		49.53'	



FLORIDA DEPARTMENT OF HEALTH

Jeb Bush
Governor

John O. Agwunobi, M.D., M.B.A.
Secretary

8-17-05

Randall & Crystal Odom
40 Don Reed Const.
2230 SE Baya Dr. Suite 101
Lake City, FL 32025

RE: On-Site Sewage Treatment and Disposal System Construction Inspection and Final Approval.

Dear Sir / Madam:

On 8-16-05, an inspection was conducted on your property for Permit # 05-0852IF. The Construction or Final Approval for this system was not issued because the following was / were noted. This / These item(s) will need to be resolved before this department can grant Final Approval.

[ ]	Private well not installed.	[ ]	Mound / Filled system needs stabilization.
[X]	Bldg. not Installed.	[ ]	Need audio / visual alarm installed.
[ ]	Bldg. does not match floor plans.	[ ]	Need storm water run-off control.
[X]	H2O line not hooked up or marked.	[ ]	Need 911- Address.
[ ]	H2O line does not meet required setbacks.	[ ]	Need property (tax) ID #.
[ ]	System does not meet required setbacks.	[ ]	Need Tank Certification.
[ ]	Property lines not clearly marked.	[ ]	Other.

Remarks: Please call when new home is complete & water lines run.

The items mentioned above need to be resolved as soon as possible before a final approval can be granted. If this department has to return to the site a $50.00 re-inspection fee will [ ] will not [X] be charged.

When completed or if there should be any questions, please contact the Environmental Health Section of the Columbia County Health Department at 386-758-1058.

Respectfully.

Mark S. Lander
Columbia County Health Department
cc: file

COLUMBIA COUNTY HEALTH DEPARTMENT
217 N.E. Franklin Street, Lake City, FL 32055
Environmental Health
(386) 758-1058
Fax: 758-2187

STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 05-0852-E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.

See
Attached

Notes: _____

Site Plan submitted by: Don Reed _____ _____
Signature Title

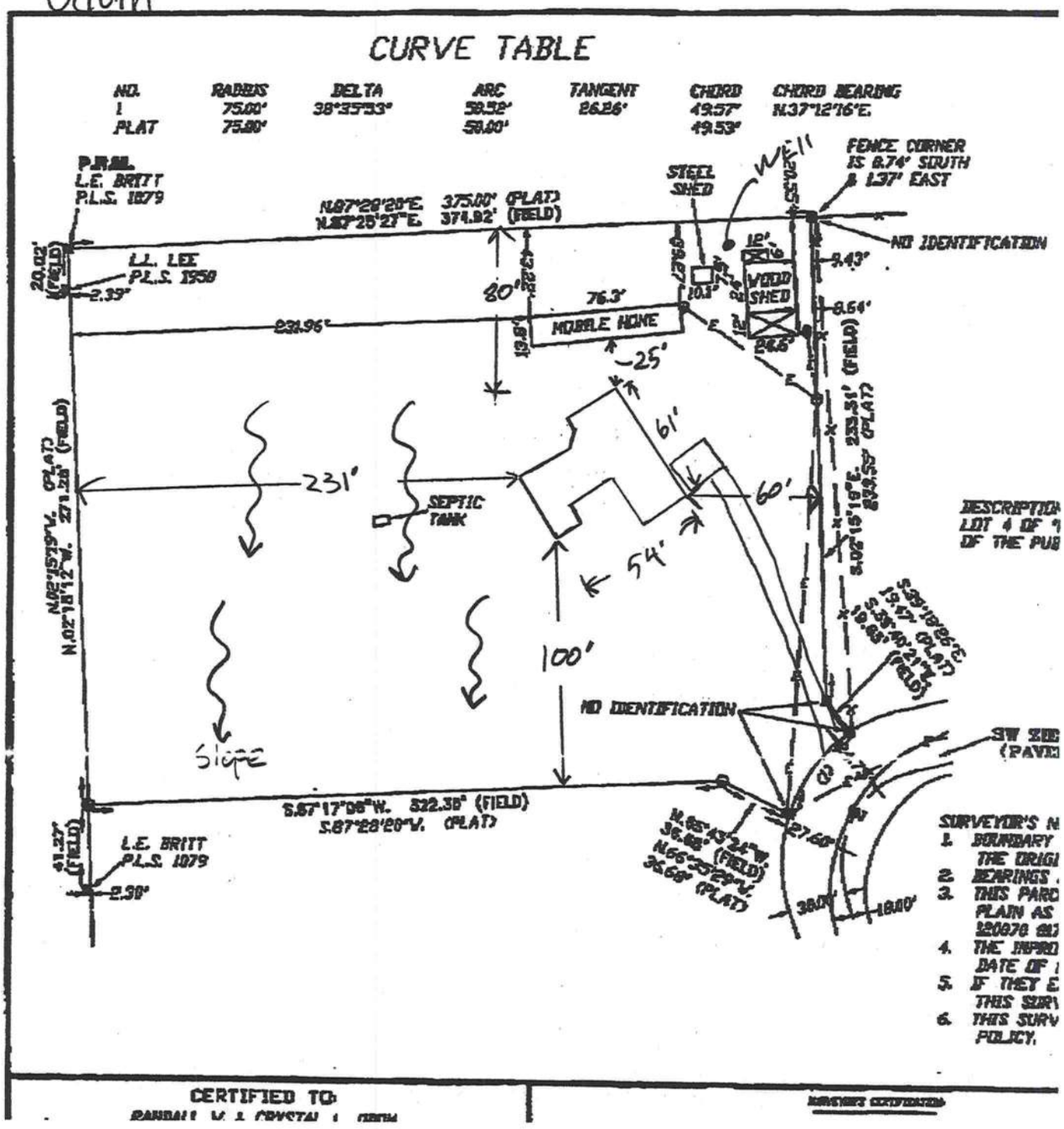
Plan Approved ✓ Not Approved _____ Date 8-16-05

By _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4015 which may be used)
(Stock Number: 5744-002-4015-6)

Odom


CURVE TABLE
NO. RADIUS DELTA ARC TANGENT CHORD CHORD BEARING
1 75.00' 38°35'53" 50.52' 26.26' 49.57' N.37°12'16"E.
PLAT 75.00' 50.00' 49.53'
P.R.M. L.E. BRITT P.L.S. 1879
L.L. LEE P.L.S. 1958
N.87°28'28"E. 375.00' (PLAT)
N.87°25'27"E. 374.92' (FIELD)
STEEL SHED
FENCE CORNER IS 0.74' SOUTH & 1.37' EAST
NO IDENTIFICATION
VOOD SHED
MOBILE HOME
80'
76.3'
231.96'
25'
61'
231'
60'
54'
100'
SEPTIC TANK
Slope
N.87°17'06"W. 322.38' (FIELD)
S.87°28'20"W. (PLAT)
L.E. BRITT P.L.S. 1879
DESCRIPTION
LOT 4 OF
OF THE PUB
SURVEYOR'S N
1. BOUNDARY
THE ORIGI
2. BEARINGS
3. THIS PARC
PLAIN AS
4. THE IMPRO
DATE OF
5. IF THEY E
THIS SURV
6. THIS SURV
POLICY.
CERTIFIED TO:

Inst:200202533G Date:12/23/2002 Time:14:40
Doc Stamp-Deed : 151.90
DC,P.DeWitt Cason,Columbia County B:970 P:1368

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 02-805
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

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

Parcel ID #'s R02721-004 and R02721-005

WARRANTY DEED

THIS INDENTURE, made this 13th day of December, 2002, BETWEEN JOSEPH RICHARD ODOM, joined by his wife, SUSAN R. ODOM and RANDALL WAYNE ODOM, joined by his wife, CRYSTAL D. ODOM of the County of Columbia, State of Florida, Grantor*, and RANDALL W. ODOM and CRYSTAL D. ODOM, Husband and Wife, whose post office address is Route 21, Box 630-5, lake City, Florida 32024, 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 heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lots 3 and 4, NAUVOO ACRES, a subdivision in SW 1/4 of Section 2, Township 4 South, Range 16 East of Columbia County, Florida, according to the plat thereof and recorded in Plat Book 4, Page 45, public records of Columbia County, Florida.

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.

Inst:2002025335 Date:12/23/2002 Time:14
Doc Stamp-Deed : 151.90
DC,P.DeWitt Cason,Columbia County B:970 P:1359

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)

Joseph Richard Odom (SEAL)
Grantor
JOSEPH RICHARD ODOM
Printed Name

Susan R Odom (SEAL)
Grantor
SUSAN R. ODOM
Printed Name

Signature of First Witness
Terry McDavid
Typed Name of First Witness

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

Randall Wayne Odom (SEAL)
Grantor
RANDALL WAYNE ODOM
Printed Name

Crystal D Odom (SEAL)
Grantor
CRYSTAL D. ODOM
Printed Name

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 13th day of December, 2002. by JOSEPH RICHARD ODOM, joined by his wife, SUSAN R. ODOM who are personally known to me or who have produced _____ as identification and who did not take an oath.

My Commission Expires:

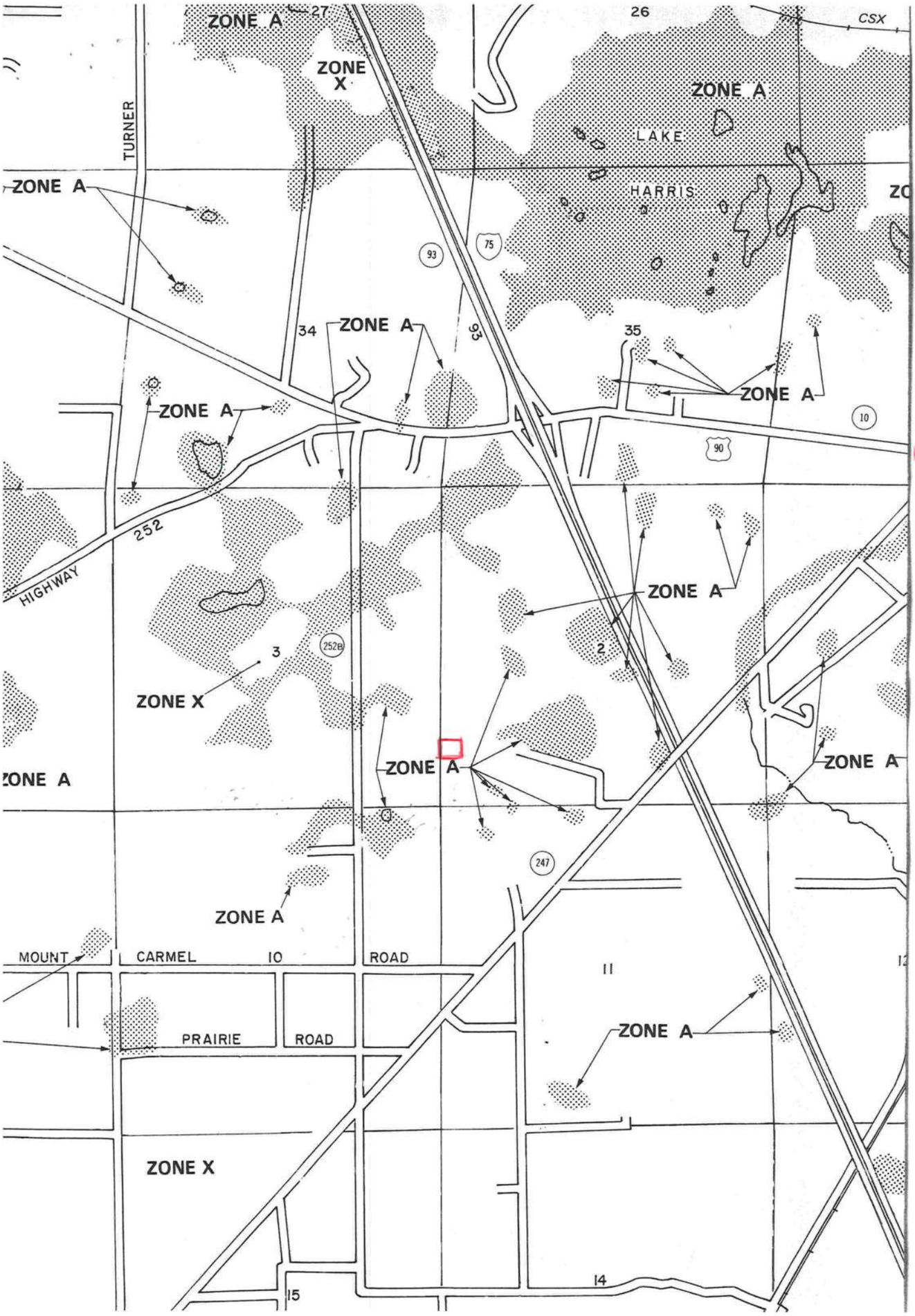
Notary Public
Printed, typed, or stamped name:

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 13th day of December, 2002, by RANDALL WAYNE ODOM, joined by his wife, CRYSTAL D. ODOM who are personally known to me or who have produced _____ as identification and who did not take an oath.

My Commission Expires:

Notary Public
Printed, typed, or stamped name:


ZONE A
27
ZONE X
26
CSX
ZONE A
TURNER
LAKE
HARRIS
ZONE A
93
75
34
ZONE A
93
35
ZONE A
ZONE A
10
90
0508-79
252
HIGHWAY
ZONE A
252B
3
2
ZONE X
ZONE A
ZONE A
ZONE A
247
ZONE A
MOUNT
CARMEL
10
ROAD
11
PRAIRIE
ROAD
ZONE A
ZONE X
14
15

02-4S-16-02721-005

LOT 4 NAUVOO ACRES S/D.
ORB 597-691, 815-730, 970-1368

ODOM RANDALL W & CRYSTAL D
737 SW ZIERKE DRIVE
LAKE CITY FL 32024

02-4S-16-02721-005

Columbia County 2005 R
CARD 001 of 001
PRINTED 6/02/2005 9:55 BY JEFF
APPR 11/04/2003 HC

USE 000800 MOBILE HME			AE? Y	1064 HTD AREA	106.000 INDEX	2416.02 NBHD	PROP USE 000200 MOBILE HOME								
MOD 2 MOBILE HME	BATH	2.00		1367 EFF AREA	25.970 E-RATE	100.000 INDX	STR 2- 4S- 16								
EXW 26 ALL SIDING	FIXT			35501 RCN		1992 AYB	MKT AREA 06	26,270 BLDG							
% N/A	BDRM	2		74.00 %GOOD	26,270 B BLDG VAL	1992 EYB	(PUD1	1,585 XFOB							
RSTR 03 GABLE/HIP	RMS						AC	11,000 LAND							
RCVR 01 MINIMUM	UNTS						NTCD	0 AG							
% N/A	C-W%						APPR CD	0 MKAG							
INT 05 DRYWALL	HGHT						CNDO	38,855 JUST							
% N/A	PMTR						SUBD	0 CLAS							
FLR 14 CARPET	STYS	1.0					BLK								
10% 08 SHT VINYL	ECON						LOT	0 SOHD							
HTTP 04 AIR DUCTED	FUNC						MAP#	0 ASSD							
A/C 03 CENTRAL	SPCD						HX	0 EXPT							
QUAL 03 AVERAGE	DEPR 09						TXDT 002	0 COTXBL							
FNDN N/A	UD-1	N/A													
SIZE N/A	UD-2	N/A													
CEIL N/A	UD-3	N/A													
ARCH N/A	UD-4	N/A													
FRME N/A	UD-5	N/A													
KTCH N/A	UD-6	N/A													
WNDO N/A	UD-7	N/A													
CLAS N/A	UD-8	N/A													
OCC N/A	UD-9	N/A													
COND N/A	%	N/A													

SUB	A-AREA	%	E-AREA	SUB VALUE
BAS00	1064	100	1064	20447
UOP00	120	25	30	577
UCP00	576	20	115	2210
FST00	288	55	158	3036
TOTAL	2048		1367	26270

FIELD CK:
LOC: RT 21 BX 630-5

```
                    +-----24----+
                    1FST2000    1
                    2           2
                    +-----24----+
                    IUCP2000    I
                    I           I
                    2           2
                    4           4
                    I           I
                    +-----24----+

+-------------------76------------------+
1BAS2000                                1
4                                       4
+-------------54-----------+--12-+----+
                           1     1
                           0     0
                           +UOP2000
```

BAS2000=W76 S14 E54 UOP2000= S10 E12 N10 W12$ E22 N14$ PTR2000=N20 UCP2000=N24 FST2000=N12 W24 S12 E24$ W24 S24 E24$ S20$.

PERMITS

NUMBER	DESC	AMT	ISSUED
14942	PUMP	30	1/15/1999

SALE

BOOK	PAGE	DATE			PRICE
970	1368	12/13/2002	U	I	21700
GRANTOR ODOM					
GRANTEE RANDALL WAYNE & CRYSTAL ODOM					
815	730	12/15/1995	Q	V	9000
GRANTOR LINDA D DAVIS					
GRANTEE RANDALL WAYNE ODOM & JOSEPH RICHAR					

EXTRA FEATURES

AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ UT PR	SPCD %	%GOOD	XFOB VALUE
Y	1	0190	FPLC PF				1		2000	1.00	1.000	UT	1000.000	1000.000		100.00	1,000
N		0120	CLFENCE 4				1		2000	1.00	130.000	LF	4.500	4.500		100.00	585

AE	LAND CODE	DESC	ZONE TOPO	ROAD UTIL	UD1 UD2	UD3 UD4	FRONT BACK	DEPTH DT	FIELD CK: ADJUSTMENTS	UNITS	UT	PRICE	ADJ UT PR	LAND VALUE
Y	000200	MBL HM	A-1	0008					1.00 1.00 1.00 1.00	1.000	LT	9000.000	9000.00	9,000
				0002	0003									
Y	009945	WELL/SEPT							1.00 1.00 1.00 1.00	1.000	UT	2000.000	2000.00	2,000
L001 - 2.35 AC.									SALE - LOT 4					
SALE - 2005									LS					

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 NW Lake City Ave. * P. O. Box 1787 * Lake City, FL 32056-1787
PHONE: (386) 752-8787 * FAX: (386) 758-1365 * Email: cc911add@columbiacountyfla.com

PARCEL # 02721-005

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

Your Existing Address	***Your New Address***
UNKNOWN	737 SW ZIERKE DR LAKE CITY, FL 32024

All residences, businesses, industries, schools, churches, organizations and public buildings are covered by this system. You are required to affix your new address numbers permanently on your house or the principal building where they can be seen easily. Also, if your house or the principal building at this address is not clearly visible from the public or private roadway, you are required to erect a post at your driveway entrance. Place your new number on it facing the road so emergency response personnel coming in either direction can easily see the numbers. To help emergency responding personnel, it will be the responsibility or each property owner, trustee, lessee, agent and occupant of each residence, apartment building, business or industry to purchase, post and maintain address numbers. The address number for residences, townhouses and in town businesses shall be made up of numbers, *which are not less than three (3) inches in height and one and one half (1 ½) inches in width.* All industrial and commercial structures located in low density development areas (areas in which small residential style address numbers are not visible from the road) shall display address numbers not less than ten (10) inches in height. All Apartment buildings and high rises shall display address numbers above or to the side of the primary entrance to the building and shall be displayed not less than six (6) inches in height. Apartment numbers for individual units within the complex shall be displayed on, above or to the side of the doorway of each unit.

All numbers shall contrast in color with the background on which affixed and shall be visible day or night from the street. When possible, the number shall be displayed beside or over the main entrances of the structure.

It is your responsibility to advise all persons and businesses with which you correspond of your change of address ***(unless you receive your mail in a Post Office Box)***. Your mail will be delivered to your old rural route box number address for a period of one (1) year.

We're counting on the cooperation of all citizens to help make the Enhanced 9-1-1 Emergency Telephone System a success. If you have any questions please call (386) 752-8787 between 8:00 AM and 5:00 PM Monday through Friday.

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (904) 752-1854
FAX (904) 755-7022
LAKE CITY, FLORIDA 32055
904 NW Main Blvd.

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,

Donald D. Hall
DDH/jk

23577

Cal-Tech Testing, Inc.
• Engineering
• Geotechnical
• Environmental
LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257

Tel. (386) 755-3633 • Fax (386) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047

Odom
Permit #
23577

September 20, 2005

Don Reed Construction
2230 S. E. Baya Drive, Suite 1
Lake City, Florida 32025

Attention: Don Reed

Reference: Proposed Odom
737 S. W. Zierk
Lake City, Colu
Cal-Tech Proje

Dear Mr. Reed,

Cal-Tech Testing, Inc. has completed a subsurface investigation and engineering evaluation of the site for the proposed Odom residence to be constructed at the referenced location. The scope of our investigation was planned in conjunction with and authorized by you.

The purposes of our investigation initially were to examine clay soils exposed in foundation cuts at the northwest corner of the building area and to provide recommendations as appropriate. During examination of the soils it was noted the site has a moderate to steep slope for which approximately 6 to 7 feet of fill will be placed below the floor at the southwest corner of the residence. Very little fill will be required at the northeast corner of the residence. Since a significant thickness of fill can lead to detrimental settling of both foundations and floors if unsuitable soils are present below the fill materials, one soil boring was recommended and approved for the southwest building corner where fill thickness will be the greatest.

Introduction

We were provided a floor plan and understand the residence will be single-story and of wood frame, masonry block and brick construction with a total plan area of about 2,400 square feet. Support for the residence is to be provided by conventional, shallow spread footings and stem walls. Fill materials will be placed within the stem walls to support the floor. Anticipated foundation loads have not been provided; however, we assume column and wall loads will not exceed 20 kips and 2 kips per foot, respectively.

The site is open and grassy, and the ground surface slopes moderately to steeply in a southwesterly direction. Foundation cuts had been excavated at the time of our investigation, and the batterboards were in place.

Site Investigation

The site was investigated by examining soils exposed in the foundation cuts and by performing one (1) Standard Penetration Test boring advanced to a depth of 15 feet. The boring was performed at the approximate location indicated on the attached Boring Location Plan. This location was selected by Cal-Tech Testing, Inc.

The Standard Penetration Test (ASTM D-1586) is performed by driving a standard split-barrel sampler into the soil by blows of a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler 1 foot, after seating 6 inches, is designated the penetration resistance, or N-value; this value is an index to soil density or consistency.

Findings

The soil boring generally encountered two soil strata. The first layer consists of about 1 foot of dark tannish gray sand with silt and traces of organics (SP/SM).

The second layer consists of an undetermined thickness of medium stiff to stiff, generally gray and orange, sandy clay (CH) with lenses of loose to medium dense, gray, orange and red, clayey sand (SC) or silty, clayey sand (SC). The N-values of this layer range from 5 to 13 blows per foot.

Ground water was not encountered at the time of our investigation, and we estimate the wet season water table will occur at a depth of more than 10 feet. Note however that storm water will perch on clayey soils located near the ground surface.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Log. Note that the transition between soil layers may be gradual and not abrupt as indicated by the log; therefore, the thickness of soil layers should be considered approximate.

Discussion and Recommendations

We collected a representative sample of the clayey soil exposed in the foundation cut for laboratory testing. Based upon the results of this testing, we believe the exposed clayey soil is not an active clay soil that will require replacement. Provided adequate compaction is provided, it should therefore be suitable as a bearing soil for the foundations. However, the soil boring encountered a significant quantity of clay soil below a relatively thin surface layer of sandy soil. Laboratory testing indicates at least a portion of this clay soil is active. Active soils expand or contract with changes in moisture content, and these volume changes can lead to detrimental movement of foundations or floor slabs when the foundations or slabs are positioned too near the active soil. Note that the single soil boring performed at this site is not sufficient to characterize the overall subsurface conditions; however, we believe our findings for the

single boring are reasonably characteristic of the site as a whole. That is, we believe a relatively shallow, thick deposit of clay is present throughout the building area.

Based upon our findings and evaluation, we believe there will be a significant risk of foundation movement if the foundations are placed in the foundation cuts as they currently exist. Though not highly active, portions of the clay soils present at this site are active, and they will shrink or swell as moisture conditions change. Additionally, these clay soils appear to be present near the ground surface such that the bottoms of the foundations will be very near or actually bear on these clay soils if they remain in place.

The local standard of care for using conventional, shallow spread footings over active clay soils is to provide about 4 feet of separation between the active soils and the bottoms of the foundations. Providing this separation is generally accomplished by fill placement to raise the site, by excavation and replacement of the active soils, or by some combination of these methods. For this particular site, raising the surface grade is not a suitable option.

Rather than place the foundations in the existing foundation cuts, we believe excavation and replacement of the active soils is one of two suitable alternatives for this proposed residence. This excavation and replacement should be performed such that storm water or infiltrated storm water does not perch on the clay soils at any location along the perimeter of the residence. Should you choose this option, we recommend the existing surface layer of sandy soil be removed from the building area and for a minimum lateral distance of 3 feet beyond the outer edges of the foundations. This sandy soil should be stockpiled for later use as fill or for landscaping as required. The clay soils should then be excavated to a minimum depth of 3 feet below the bottoms of the foundations. The limits of this excavation should extend a minimum lateral distance of 2.5 feet beyond the inner and outer edges of the foundations. The bottom of this excavation should slope reasonably uniformly in the same direction as the existing surface slope with a drop of about 1 to 2 feet per 100 feet or as required to fit the existing topography. Note that the existing surface slope is significantly steeper than 2 feet per 100 feet. Additionally, the bottom of the excavation or a portion of this excavation should extend sufficiently in a southerly direction such that it intercepts the existing surface grade. This extension will provide for drainage and significantly reduce the likelihood storm water will perch in the bottom of the excavation. Although we recommend you do so, it will not be necessary to remove clay soil from the interior floor area. Removing these clays will however make site preparation easier and allow more thorough compaction of the subgrade soils, particularly the subgrade soils below the proposed fill that will support the floor. If clay soils below the interior floor are left in place, the excavation along the north foundation line should be graded such that storm water is not trapped in this over-excavated foundation cut.

Replacement soils should then be placed in the over-excavated foundation areas as required to establish bearing grades for the anticipated stepped foundations. These replacement soils should consist of clayey sand containing 25% to 35% passing the No.

200 sieve. This replacement soil should be placed in maximum 9-inch loose lifts, and each lift should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density.

Foundation cuts may then be excavated in the compacted replacement soils. The bottoms of these foundation cuts should be no less than 16 inches below the proposed finished surface grade.

The second alternative for preparation of this site is to embed the bottoms of the foundations in the existing clay soils. Should you choose this option the sandy surface soils should be removed from within the building area and for a minimum lateral distance of 3 feet beyond the outer edges of foundations. The exposed clay soils should then be graded such that the surface of these soils slope reasonably uniformly in a southerly direction. This surface should then be proof-rolled with heavy, rubber tired equipment and proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 1 foot. Foundation cuts may then be excavated as required. The depth of these cuts should be sufficient to provide a minimum of 2.5 feet of vertical separation between the bottoms of the cuts and the surface of the clayey soils. The bottoms of the foundation cuts should then be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 1 foot. The foundations may then be placed followed by placement of the stem walls. On the outside of these stem walls, backfill soils should consist of a clayey soil containing no less than 40% passing the No. 200 sieve. This soil should be placed in maximum 6-inch, loose lifts each of which is compacted to a minimum of 95% of the Modified Proctor maximum dry density. Additionally, these clayey backfill soils should extent upward a minimum vertical distance of 6 inches above the surface of the exposed clayey surface soils. This backfill soil should be graded such that storm water is directed away from the edges of the foundations. On the interior of the stem walls backfill soil should consist of clayey sand containing no more than about 35% passing the No. 200 sieve. This soil should be placed in maximum 9-inch loose lifts compacted to a minimum of 95% of the Modified Proctor maximum dry density. Fill materials may then be placed within the stem walls, and we recommend this fill consist of clean sand containing less than 10% passing the No. 200 sieve. This soil should be placed in maximum 12-inch, loose lifts each of which is compacted to a minimum of 95% of the Modified Proctor maximum dry density. The stem walls on the south side of the residence should be provided with weep holes that will allow water that may enter the sandy fill materials to escape. The weep holes should be covered with filter fabric or a similar material that will prevent piping of the sand backfill.

For either foundation alternative, the final surface soils should consist of a minimum of 12 inches of sandy topsoil. The clayey soils below this topsoil should be graded such that storm water or infiltrated storm water is directed away from the foundations.

We recommend the foundations be sized to exert a maximum soil bearing pressure of 2,500 pounds per square foot. Additionally, foundations should have

minimum widths of 16 and 24 inches for strip and isolated footings, respectively, even though the allowable soil bearing pressure may not be developed.

Field density testing should be performed in the compacted subgrade, in each lift of fill, and in foundation excavations to verify the recommended compaction has been achieved.

Our recommendations are based upon our findings as described in this report; however, subsurface conditions may exist that were not encountered in the soil test boring or site examination. Cal-Tech Testing, Inc. should be notified if different soil conditions are encountered during construction. It may be necessary to modify our recommendations to suit other conditions.

Note that following the recommendations provided in the report will require site work beyond than which is considered normal. However, we believe following these recommendations will allow you to construct a residence for which the likelihood of detrimental foundation or floor slab movement is significantly reduced. It should be stated specifically however that when active clay soils are present at this or any other site there is no guarantee some foundation or slab movement will not occur. Should you desire to remove any likely possibility of detrimental foundation or slab movement, we recommend a foundation other that spread footings be used or that significant additional site work be performed.

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

Respectfully submitted,
Cal-Tech Testing, Inc.

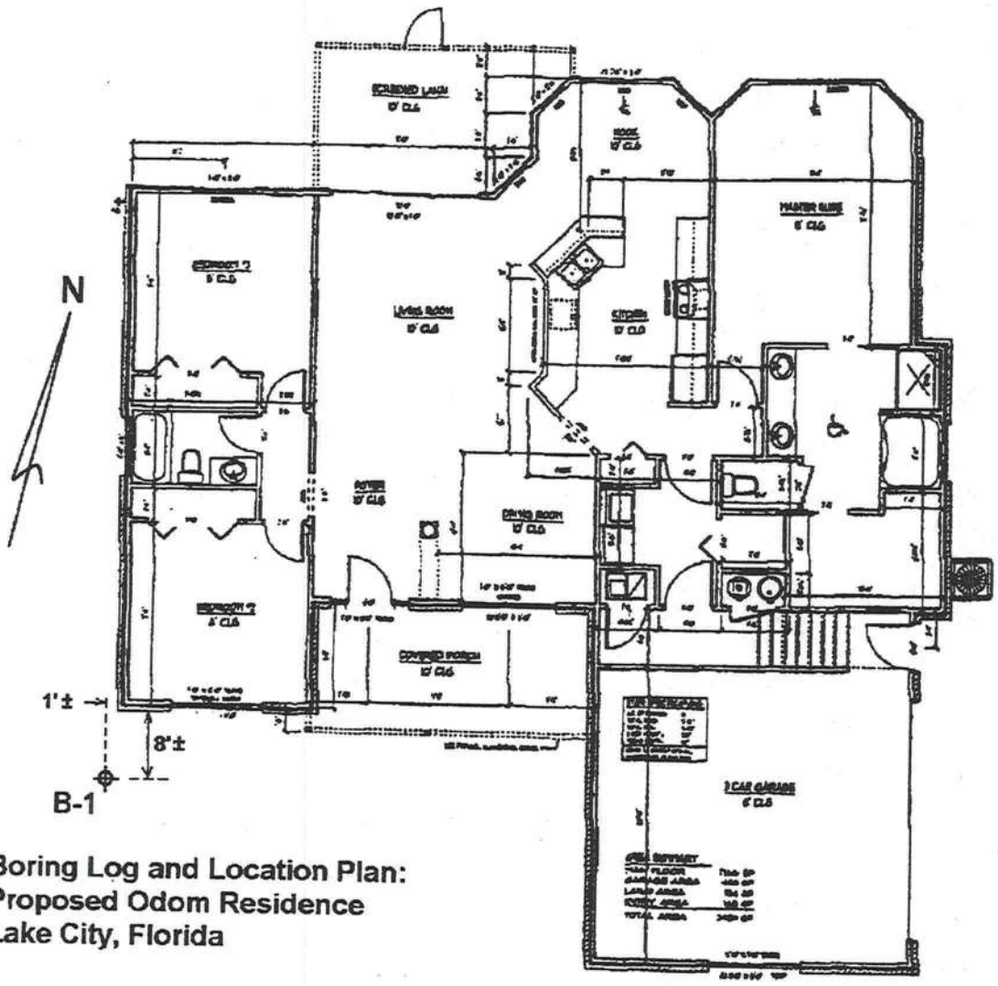
Linda Creamer
President / C.E.O.

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer
9/21/05
52612

B-1

Water Table: N/A

Depth (ft)	N-value	Soil Description
0		Dark Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	5	Medium Stiff, Light Tannish Gray, Sandy Clay (CH)
	7	Loose, Light Grey, Orange and Red, Clayey Sand (SC)
5	7	Medium Stiff, Light Greenish Grey and Orange, Sandy Clay (CH)
	9	Stiff, Light Grey and Orange, Sandy Clay (CL)
	11	Stiff, Light Greenish Grey and Orange Clay (CH)
	11	
10		Stiff, Light Greenish Grey, Orange and Red Clay with Sand (CH)
	13	Medium Dense, Light Tannish Grey and Orange, Silty, Clayey Sand (SC)
15		



Boring Log and Location Plan:
Proposed Odom Residence
Lake City, Florida

Cal-Tech Testing, Inc.
• Engineering
• Geotechnical
• Environmental
LABORATORIES

P.O. Box 1625 • Lake City, FL 32056-1625
6919 Distribution Avenue S., Unit #5 • Jacksonville, FL 32257
1655 Acme Street • Orlando, FL 32805

Tel. (904) 755-3633 • Fax (904) 752-5456
Tel. (904) 262-4046 • Fax (904) 262-4047
Tel.(407) 872-7690 • Fax (407) 872-7659

SUMMARY OF LABORATORY TEST RESULTS

PROJECT: Odom Residence
Zierke Drive, Lake City, Florida
CLIENT: Don Reed Construction

JOB NO.: 05-482
REPORT NO.: 1
DATE: 09/20/05

BORING NO.	SAMPLE DEPTH (ft.)	SOIL DESCRIPTION	SAMPLE TYPE*	NATURAL MOISTURE (%)	ATTERBERG LIMITS		COEFFICIENT OF PERMEABILITY (feet/day)	SIEVE ANALYSIS (% passing)						AASHTO SOIL CLASSIFICATION	UNIFIED SOIL CLASSIFICATION
					LIQUID LIMIT (%)	PLASTICITY INDEX (%)		No.4	No.10	No. 40	No. 60	No.100	No. 200		
N/A	G	Light Tannish Gray and Red, Silty, Sandy Clay			38	16							74.7		CL
B-1	2	Light Tannish Gray, Sandy Clay						100	100	90.3	80.2	72.5	54.4		CH
B-1	3	Light Gray, Orange and Red, Clayey Sand						100	100	83.4	56.8	41.9	34.4		SC
B-1	5	Light Greenish Gray and Orange, Sandy Clay			72	40		100	99.2	93.2	81.0	65.1	55.2		CH

*SS- Split Spoon
ST- Shelby Tube
A- Auger
G- Grab

Reviewed By:

Date: 9/20/05
Florida Registration No.: 52612

"Excellence in Engineering & Geoscience"

CERTIFICATE 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 02-4S-16-02721-005 Building permit No. 000023577

Use Classification SFD,UTILITY Fire: 47.36

Permit Holder DON REED Waste: 98.00

Owner of Building RANDALL & CRYSTAL ODOM Total: 145.36

Location: 737 SW ZIERKE DRIVE(NAUVOO ACRES, LOT 4)

Date: 02/14/2006

Harry Dicks

Building Inspector

COLUMBIA COUNTY GATEWAY TO FLORIDA

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment 11744

Applicator: **Florida Pest Control & Chemical Co. (www.flapest .com)**
Address: Baya Ave
City LC Phone 7521703

Site Location: Subdivision Nauvoo Acres
Lot # 4 Block# Permit # 23577
Address 737 SW Zierke Dr

Product used	Active Ingredient	% Concentration
☐ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Dwelling	2428	683	45

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 ________.

12-16-05 — Date
1230 — Time
E254 Gunby — Print Technician's Name

Remarks:

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 8.17.05

737 SW Zierke Drive — 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.)

6/04 ©