

DATE 07/16/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022088

APPLICANT LAVONE COX PHONE 755-7200
ADDRESS 456 SE ERMINE AVE SUITE 101 LAKE CITY FL 32025
OWNER VITALY TOVKACH PHONE 816 243-3125
ADDRESS 186 NW BATTLEHILL LANE LAKE CITY FL 32025
CONTRACTOR C&S CONSTRUCTION PHONE
LOCATION OF PROPERTY 90W, TR ON TURNER ROAD, TL ON BATTLEHILL ROAD, 3RD ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 66500.00
HEATED FLOOR AREA 1330.00 TOTAL AREA 1402.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 14
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-16-02365-102 SUBDIVISION OAK HAMLET
LOT 2 BLOCK PHASE UNIT TOTAL ACRES .50

000000358 N RR0066502
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
PERMIT 04-0717-N BK RJ Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 8274

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 \$ 335.00 CERTIFICATION FEE \$ 7.01 SURCHARGE FEE \$ 7.01
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 424.02

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.

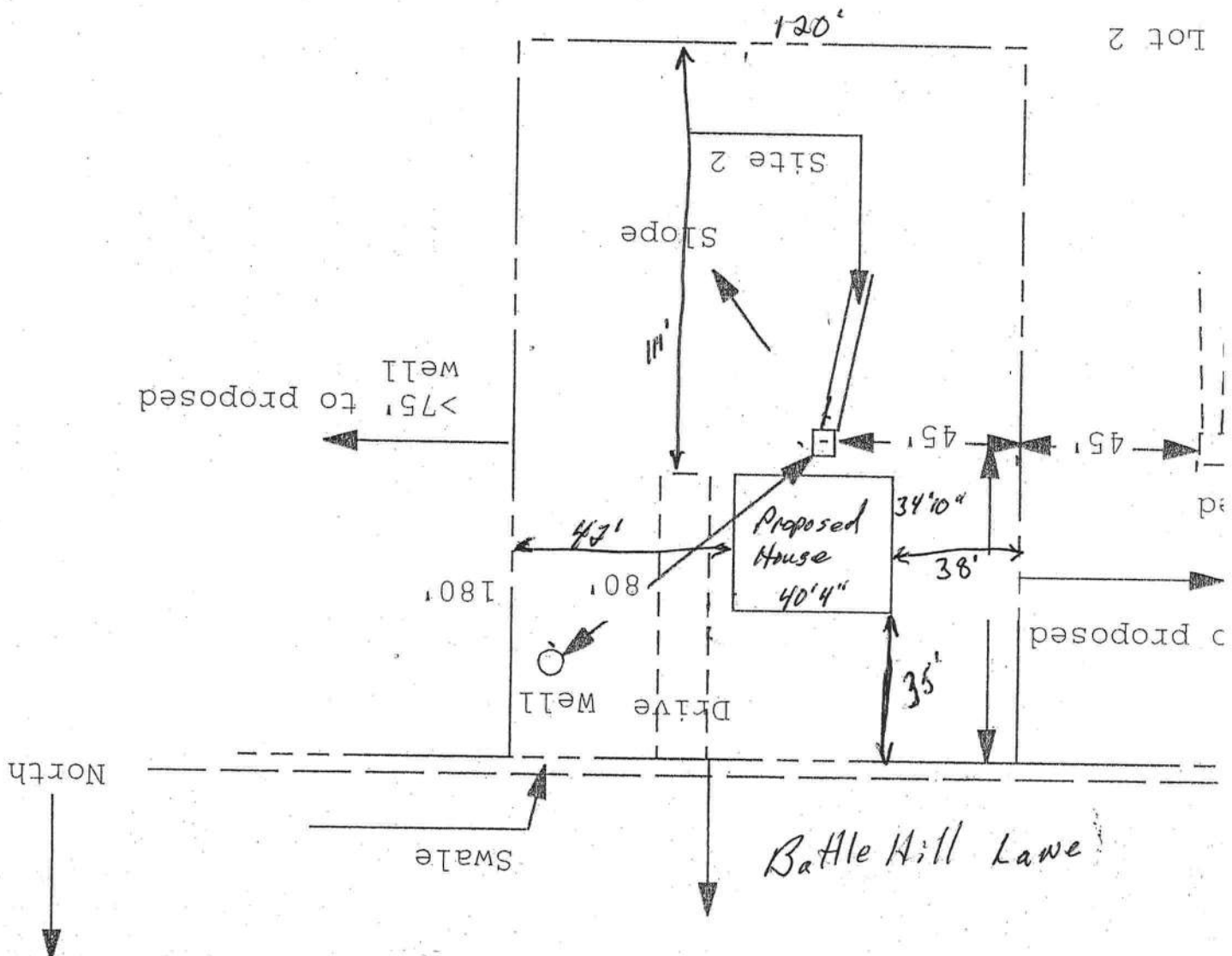
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

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 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.

Lot #2
Oak Hamlet S.D.
Vacant



DESCRIPTION:
LOTS 1, 2, 3 & 4 OF 'OAK HAMLET SUBDIVISION' AS PER PLAT THEREOF RECORDED IN PLAT BOOK 6,
PAGES 204 & 205 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

Section 29 Township 3 South Range 16 East

Columbia County Building Permit Application

For Office Use Only Application # 0407-17 Date Received 7/8/04 By G Permit # 358/22088
Application Approved by - Zoning Official LH Date 7-16-04 Plans Examiner RJ Date 7-16-04
Flood Zone X Development Permit _____ Zoning RSF2 Land Use Plan Map Category RLO
Comments _____

Applicants Name C&S Construction Phone 386-755-7200
Address 456 SE Ermine Ave. St 101 Lake City, Florida 32025
Owners Name Vitaly Jorkach Phone 1-816-243-3125
911 Address 186 NW Battlehill Lane Lake City, FL 32025
Contractors Name James R. Cox Phone 386-755-7200
Address 456 SE Ermine Ave. St 101 Lake City, Florida 32025
Fee Simple Owner Name & Address Vitaly Jorkach 986 NW Battlehill Ln.
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address Nick Geisler 386-755-9021
Mortgage Lenders Name & Address _____

Property ID Number 28-35-16-02368-102 Estimated Cost of Construction 602,000.00
Subdivision Name Oak Hamlet Lot 2 Block _____ Unit _____ Phase _____
Driving Directions Take 90 West Turn Right on Turner Road
Turn left on Battlehill Road, Third lot on left.
Type of Construction Residential Dwelling Number of Existing Dwellings on Property _____
Total Acreage .50 Lot Size 180x120 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Driv.
Actual Distance of Structure from Property Lines - Front 35' Side 42' Side 38' Rear 111'
Total Building Height 14' Number of Stories One Heated Floor Area 1323 Roof Pitch 5/12

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.

James R. Cox
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this _____ day of _____ 20____.

Personally known _____ or Produced Identification _____

James R. Cox
Contractor Signature
Contractors License Number RR 0066522
Competency Card Number _____

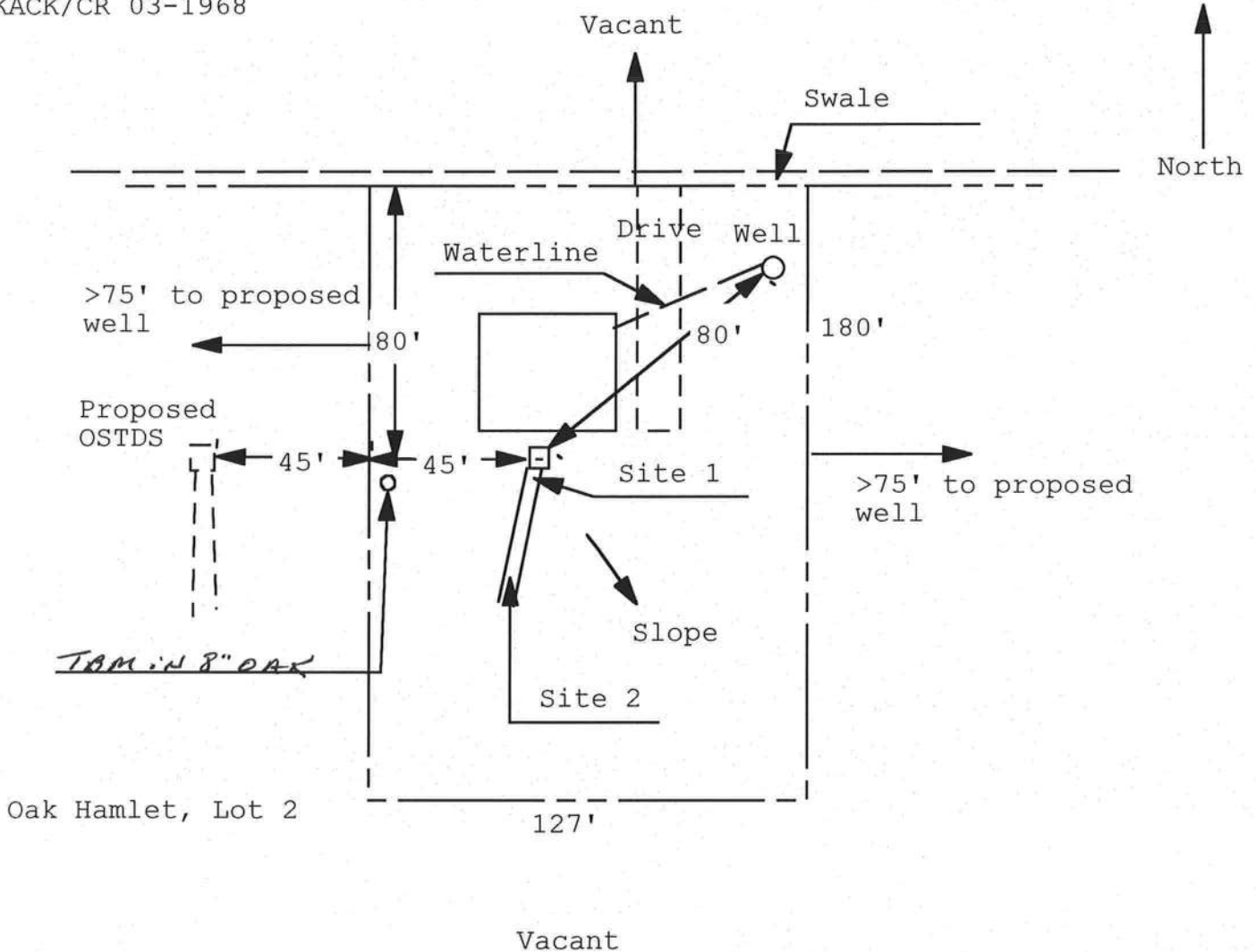
NOTARY STAMP/SEAL

Notary Signature _____

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-0717N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

TOVKACK/CR 03-1968



1 inch = 50 feet

Site Plan Submitted By Paul Lloyd

Date 4/12/04

Plan Approved Paul Lloyd Not Approved

Date 4/12/04

By Paul Lloyd Liliana Lunde

CPHU 7-2-04

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 28-35-16-02365-102

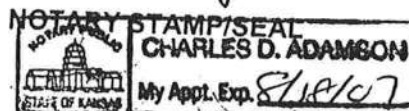
1. Description of property: (legal description of the property and street address or 911 address)
Lot 2 Block: Oak Hamlet S/D
186 NW Battle Hill Lane
Lake City, Florida 32055
2. General description of Improvement: Residential Construction
3. Owner Name & Address Vitaly Torkach P.O. Box 3413
On the, Kansas 660063 Interest in Property Owner
4. Name & Address of Fee Simple Owner (if other than owner): _____
5. Contractor Name C&S Construction Phone Number 386-755-7200
Address 456 SE Emire Ave. Suite 101 Lake City, Florida 32025
6. Surety Holders Name _____ Phone Number _____
Address _____
Amount of Inst: 2004015781 Date: 07/08/2004 Time: 10:39 _____
7. Lender Name W DC, P. DeWitt Cason, Columbia County B: 1020 P: 835 Phone Number _____
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 _____ 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.

Vitaly Torkach
Signature of Owner

Sworn to (or affirmed) and subscribed before
day of July 3, 2004



CD Adamson



This Instrument Prepared by & return to:

Name: KIM WATSON, an employee of

TITLE OFFICES, LLC

Address: 1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

04Y-03030KW

Parcel I.L. #: 02365-101, 102, 103, 104

Inst: 2004006011 Date: 03/17/2004 Time: 16:06

Doc Stamp-Deed : 336.00

MKK PC, P. DeWitt Cason, Columbia County B: 1009 P: 2692

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 17th day of March, A.D. 2004, by **CHARLES TIMMONS** and **REGINA G. TIMMONS**, HIS WIFE, hereinafter called the grantors, to **VITALY TOVKACH**, single, whose post office address is **601 BRASILIA AVE., KANSAS CITY, MO 64153**, hereinafter called the grantee:

(Wherever used herein the terms "grantors" and "grantee" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantors, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee all that certain land situate in **Columbia County, State of FLORIDA**, viz:

Lots 1, 2, 3 and 4, OAK HAMLET, according to the map or plat thereof as recorded in Plat Book 6, Page 204-205, of the Public Records of Columbia County, FLORIDA.

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold the same in fee simple forever.

And the grantors hereby covenant with said grantee that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003.

In Witness Whereof, the said grantors have signed and sealed these presents, the day and year first above written.

Signed, sealed and delivered in the presence of:

Martha Bryan
Witness Signature

Martha Bryan
Printed Name

Regina Simpkins
Witness Signature

Regina Simpkins
Printed Name

Charles Timmons L.S.
CHARLES TIMMONS
Address:
641 NW HARRIS LAKE DRIVE, LAKE CITY,
FLORIDA 32055

Regina G. Timmons L.S.
REGINA G. TIMMONS
Address:
641 NW HARRIS LAKE DRIVE, LAKE CITY,
FLORIDA 32055

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 17th day of March, 2004, by **CHARLES**

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 / 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

Addressing Maintenance

To maintain the Countywide addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE ISSUED: 4-8-04

ENHANCED 9-1-1 ADDRESS:

186 NW Battle Hill Ln. (Lake City, FL 32055)

Addressed Location 911 Phone Number: N/A

OCCUPANT NAME: _____

OCCUPANT CURRENT MAILING ADDRESS: _____

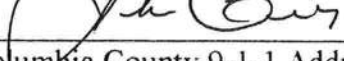
PROPERTY APPRAISER MAP SHEET NUMBER: 44

PROPERTY APPRAISER PARCEL NUMBER: 28-35-16-02365-102

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 2, Oak Hamlet S/D.

Address Issued By: 
Columbia County 9-1-1 Addressing Department

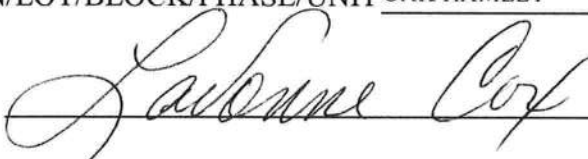
Columbia County Building Department Culvert Permit

Culvert Permit No.
000000358

DATE 07/16/2004 PARCEL ID # 28-3S-16-02365-102
APPLICANT LAVONE COX PHONE 755-7200
ADDRESS 456 SE ERMINE AVE SUITE 101 LAKE CITY FL 32025
OWNER VITALY TOVKACH PHONE 816 243-3125
ADDRESS 186 NW BATTLEHILL LANE LAKE CITY FL 32025
CONTRACTOR C&S CONSTRUCTION PHONE 755-7200
LOCATION OF PROPERTY 90 W, TR ON URNER RD, TL ON BATTLEHILL ROAD, 3RD ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT OAK HAMLET 2

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



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	CnS_58EX	Builder:	C&S CONSTRUCTION
Address:	-	Permitting Office:	
City, State:	COLUMBIA COUNTY, FL	Permit Number:	22088
Owner:	C&S CONSTRUCTION	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: 23.8 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?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	1329.94 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft ² 120.0 ft ²	a. Electric Heat Pump	Cap: 25.6 kBtu/hr
b. Default tint	0.0 ft ² 0.0 ft ²		HSPF: 8.00
c. Labeled U or SHGC	0.0 ft ² 0.0 ft ²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 160.3(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 50.0 gallons
9. Wall types			EF: 0.93
a. Frame, Wood, Exterior	R=13.0, 1222.6 ft ²	b. N/A	
b. N/A		c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	CF,
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1389.9 ft ²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 130.0 ft		
b. N/A			

Glass/Floor Area: 0.09

Total as-built points: 18410

Total base points: 22693

PASS

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

PREPARED BY: MTCDATE: 05 APR. 2004 MTC

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: -, COLUMBIA COUNTY, 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	1329.9	20.04	4797.4	Double, Clear	S	2.0	4.8	40.0	35.87	0.71	1023.8
				Double, Clear	S	7.0	4.8	30.0	35.87	0.48	512.7
				Double, Clear	E	2.0	2.8	6.0	42.06	0.61	154.0
				Double, Clear	N	2.0	4.8	15.0	19.20	0.87	249.2
				Double, Clear	N	2.0	2.8	9.0	19.20	0.77	132.5
				Double, Clear	N	2.0	4.8	20.0	19.20	0.87	332.2
				As-Built Total:				120.0		2404.4	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1222.6	1.50		1834.0	
Exterior	1222.6	1.70	2078.5								
Base Total:		1222.6	2078.5	As-Built Total:				1222.6		1834.0	
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Wood	40.0 6.10 244.0						
Exterior	40.0	6.10	244.0								
Base Total:		40.0	244.0	As-Built Total:				40.0		244.0	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1329.9	1.73	2300.8	Under Attic	30.0		1389.9	1.73 X 1.00		2404.5	
Base Total:		1329.9	2300.8	As-Built Total:				1389.9		2404.5	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	160.3(p)	-37.0	-5932.2	Slab-On-Grade Edge Insulation	0.0		160.3(p)	-41.20		-6605.6	
Raised	0.0	0.00	0.0								
Base Total:			-5932.2	As-Built Total:				160.3		-6605.6	
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1329.9 10.21 13578.7				1329.9 10.21 13578.7							

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

ADDRESS: -, COLUMBIA COUNTY, FL,

PERMIT #:

BASE					AS-BUILT										
Summer Base Points: 17067.1					Summer As-Built Points: 13860.0										
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
17067.1		0.4266		7280.8	13860.0		1.000		(1.081 x 1.147 x 0.91)		0.284		0.950		4225.4
17067.1		0.4266		7280.8	13860.0		1.00		1.128		0.284		0.950		4225.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, 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	1329.9	12.74	3049.8	Double, Clear	S	2.0	4.8	40.0	13.30	1.43	762.1
				Double, Clear	S	7.0	4.8	30.0	13.30	3.24	1291.3
				Double, Clear	E	2.0	2.8	6.0	18.79	1.20	134.9
				Double, Clear	N	2.0	4.8	15.0	24.58	1.01	371.2
				Double, Clear	N	2.0	2.8	9.0	24.58	1.01	224.3
				Double, Clear	N	2.0	4.8	20.0	24.58	1.01	495.0
As-Built Total:				120.0 3278.8							
WALL TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1222.6	3.40	4157.0		
Exterior	1222.6	3.70	4523.8								
Base Total:				1222.6 4523.8							
As-Built Total:				1222.6 4157.0							
DOOR TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Wood			40.0	12.30	492.0		
Exterior	40.0	12.30	492.0								
Base Total:				40.0 492.0							
As-Built Total:				40.0 492.0							
CEILING TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1329.9	2.05	2726.4	Under Attic	30.0		1389.9	2.05 X 1.00	2849.3		
Base Total:				1329.9 2726.4							
As-Built Total:				1389.9 2849.3							
FLOOR TYPES											
Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	160.3(p)	8.9	1426.9	Slab-On-Grade Edge Insulation	0.0		160.3(p)	18.80	3014.2		
Raised	0.0	0.00	0.0								
Base Total:				160.3 3014.2							
As-Built Total:				160.3 3014.2							
INFILTRATION											
Area X BWPM = Points						Area X WPM = Points					
1329.9 -0.59 -784.7						1329.9 -0.59		-784.7			

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

ADDRESS: -, COLUMBIA COUNTY, FL,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		11434.2		Winter As-Built Points:				13006.6		
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
11434.2		0.6274	7173.8	13006.6 13006.6		1.000 1.00	(1.060 x 1.169 x 0.93) 1.152	0.426 0.426	1.000 1.000	6389.0 6389.0

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Credit X Multiplier = Total Multiplier
3		2746.00		8238.0	50.0	0.93	3		1.00	2598.37
					As-Built Total:					7795.1

CODE COMPLIANCE STATUS													
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
7281		7174		8238		22693	4225		6389		7795		18410

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: -, COLUMBIA COUNTY, 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* = 86.7

The higher the score, the more efficient the home.

C&S CONSTRUCTION, -, COLUMBIA COUNTY, FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 23.8 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?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	1329.94 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft ²	120.0 ft ²	a. Electric Heat Pump	Cap: 25.6 kBtu/hr ___
b. Clear - double pane	0.0 ft ²	0.0 ft ²		HSPF: 8.00 ___
c. Tint/other SHGC - single pane	0.0 ft ²	0.0 ft ²	b. N/A	___
d. Tint/other SHGC - double pane			c. N/A	___
8. Floor types			14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 160.3(p) ft	___	a. Electric Resistance	Cap: 50.0 gallons ___
b. N/A		___		EF: 0.93 ___
c. N/A		___	b. N/A	___
9. Wall types			c. Conservation credits	___
a. Frame, Wood, Exterior	R=13.0, 1222.6 ft ²	___	(HR-Heat recovery, Solar	
b. N/A		___	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, 1389.9 ft ²	___	MZ-C-Multizone cooling,	
b. N/A		___	MZ-H-Multizone heating)	
c. N/A		___		
11. Ducts				
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 130.0 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 EnergyStd[®] designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

EnergyGauge® (Version: FLRCPB v3.30)

Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 10973

Address 536 SE Bayview

City LC Phone 752-1703

Site Location Subdivision C+S Const.

Lot# 2 Block# 2 Permit# 22088

Address 186 NW Battlehill Lane

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	8-3-04	1230	225	Gary
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied Dursban TC 5 %

Remarks Main Body

COLUMBIA COUNTY OFFICIAL CALVINY

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-16-02365-101

Building permit No. 000022087

Use Classification SFD & UTILITY

Fire: 62.37

Permit Holder JAMES R. COX, C&S CONSTR.

Waste: 134.75

Owner of Building VITALY TOVKACH

Total: 197.12

Location: 210 NW BATTLEHILL LANE

Date: 11/16/2004



Harry Miller

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



CORPORATE HEADQUARTERS:

P.O. BOX 5369
116 N.W. 16TH AVENUE
GAINESVILLE, FL 32602-5369

(352) 376-2661
FAX (352) 376-2791

FOUNDED 1949

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service
Member Florida & National Pest Control Associations

10973

Reply to: 536 SE Baya Dr
Lake City, FL 32025
Phone (386) 752-1703 Fax (386) 752-0171

TERMITE TREATMENT CERTIFICATION

Owner: VITALLY TOVHACK	Permit Number: 22088
Lot:	Block:
Subdivision:	Street Address: 186 NW BATTLEHILL LANE
City: Lake City	County: Columbia
General Contractor: C & S CONSTRUCTION	Area Treated: EXTERIOR OF FOUNDATION
Date: 10/28/04	Time: 9:00 AM
Name of applicator: ROBERT CRAWFORD	Applicator ID Number: JB573
Product Used: Active Ingredient: % Concentration Dursban TC: Chlorpyrifos: 0.5%	Number of gallons used: 40
Method of termite prevention treatment: Soil Treatment	

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

This form is proof of complete treatment for Certificate of Occupancy or Closing.

THIS IS PROOF OF WARRANTY

Warranty and Treatment Certifications Have Been Issued.

Authorized Signature: <i>Kathi Schmidt</i>	Date: <i>10-28-04</i>
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BRANCHES:

• Crystal River • Daytona Beach • Ft. Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala • Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee •