

DATE 07/16/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022087

APPLICANT LAVONNE COX PHONE 755.7200

ADDRESS 456 SE ERMINE STREET LAKE CITY FL 32025

OWNER VITALY TOVKACH PHONE 816.243.3125

ADDRESS 210 NW BATTLEHILL LANE LAKE CITY FL 32055

CONTRACTOR JAMES R. COX, C&S CONSTR. PHONE 755.7200

LOCATION OF PROPERTY 90-W TO TURNER RD., R, GO TO BATTLEHILL RD., 4TH LOT ON L.

TYPE DEVELOPMENT SF & UTILITY ESTIMATED COST OF CONSTRUCTION 66500.00

HEATED FLOOR AREA 1330.00 TOTAL AREA 1402.00 HEIGHT 14.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

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

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

PARCEL ID 28-3S-16-02365-101 SUBDIVISION OAK HAMLET

LOT 1 BLOCK PHASE UNIT TOTAL ACRES .50

000000359 RR0066502

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

18"X32"MITEREED 04-0718-N BLK RJ Y

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

COMMENTS: NOC ON FILE

1 FOOT ABOVE ROAD

Check # or Cash 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.

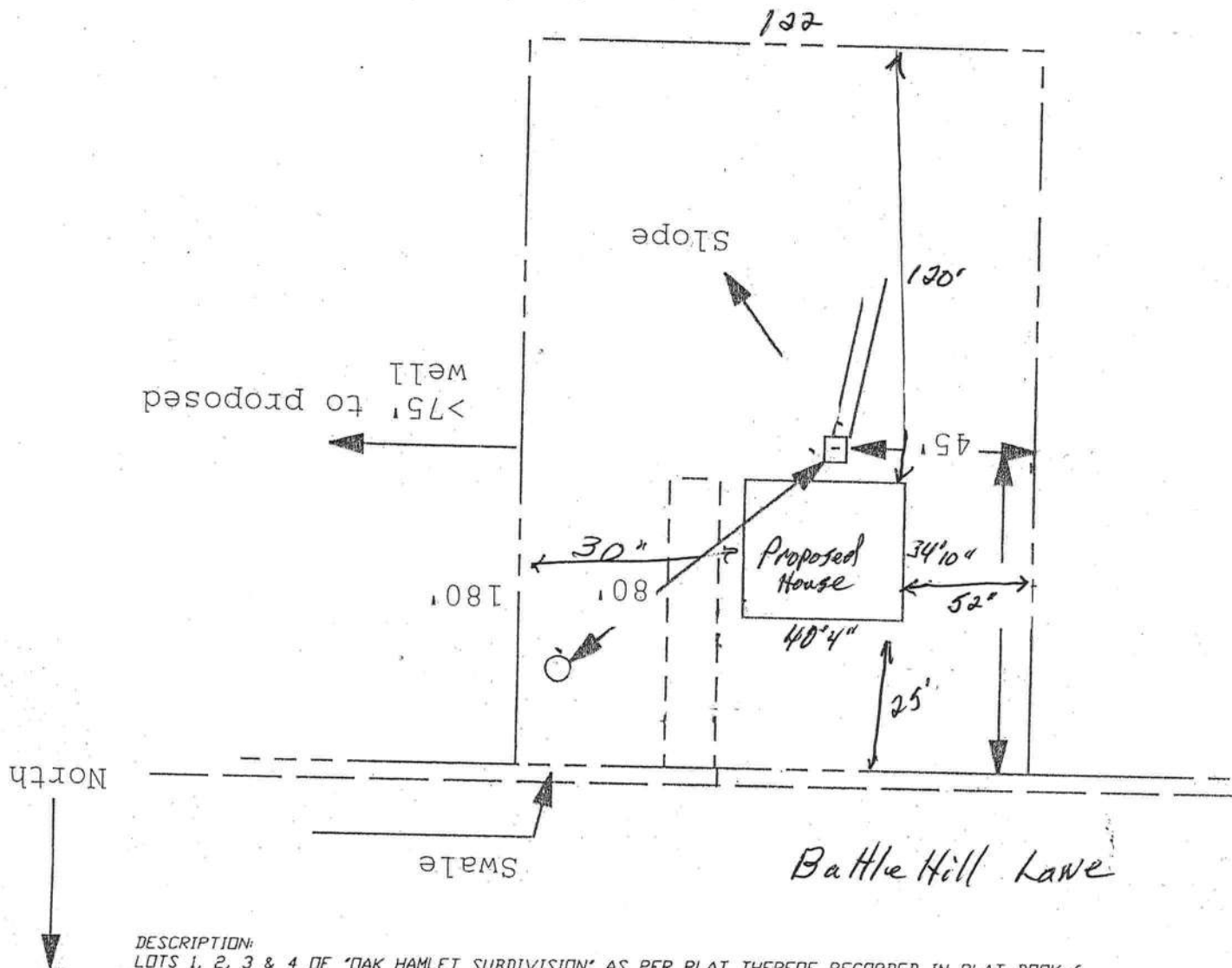
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

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 #1
 DAK Hamlet S.D.



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

Section 28 Township 3 South Range 16 East

Columbia County Building Permit Application

For Office Use Only Application # 0407-16 Date Received 7/8/04 By [Signature] Permit # 22087
 Application Approved by - Zoning Official LN Date 7-16-04 Plans Examiner RT Date 7-16-04
 Flood Zone X Development Permit _____ Zoning RS-2 Land Use Plan Map Category _____
 Comments _____

Applicants Name C&S Construction Phone 386-755-7200
 Address 4516 SE Ermire Ave. ST. 101 Lake City, Florida 32025
 Owners Name Vitaly Iovkach Phone 1-816-243-3125
 911 Address 210 NW Battlehill Lane Lake City, Florida 32025
 Contractors Name James R. Cox Phone _____
 Address 4516 SE Ermire Ave. STE. 101 Lake City, Florida 32025
 Fee Simple Owner Name & Address Vitaly Iovkach 210 NW Battlehill Lane
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Nick Geisler 386-755-9021
 Mortgage Lenders Name & Address _____

Property ID Number 28-35-16-02365-101 Estimated Cost of Construction 162,000.00
 Subdivision Name Oak Hamlet Lot 1 Block _____ Unit _____ Phase _____
 Driving Directions Take Hwy 90 West, Turn Right on Turners Rd. Turn left on Battlehill Rd. Fourth lot on left.
 Type of Construction Residential dwelling Number of Existing Dwellings on Property _____
 Total Acreage .50 Lot Size 180x122 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Driv
 Actual Distance of Structure from Property Lines - Front 25' Side 30' Side 52' Rear 120'
 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)

James R. Cox
 Contractor Signature
 Contractors License Number RR 0066502
 Competency Card Number _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

Personally known _____ or Produced Identification _____

269

NOTARY STAMP/SEAL

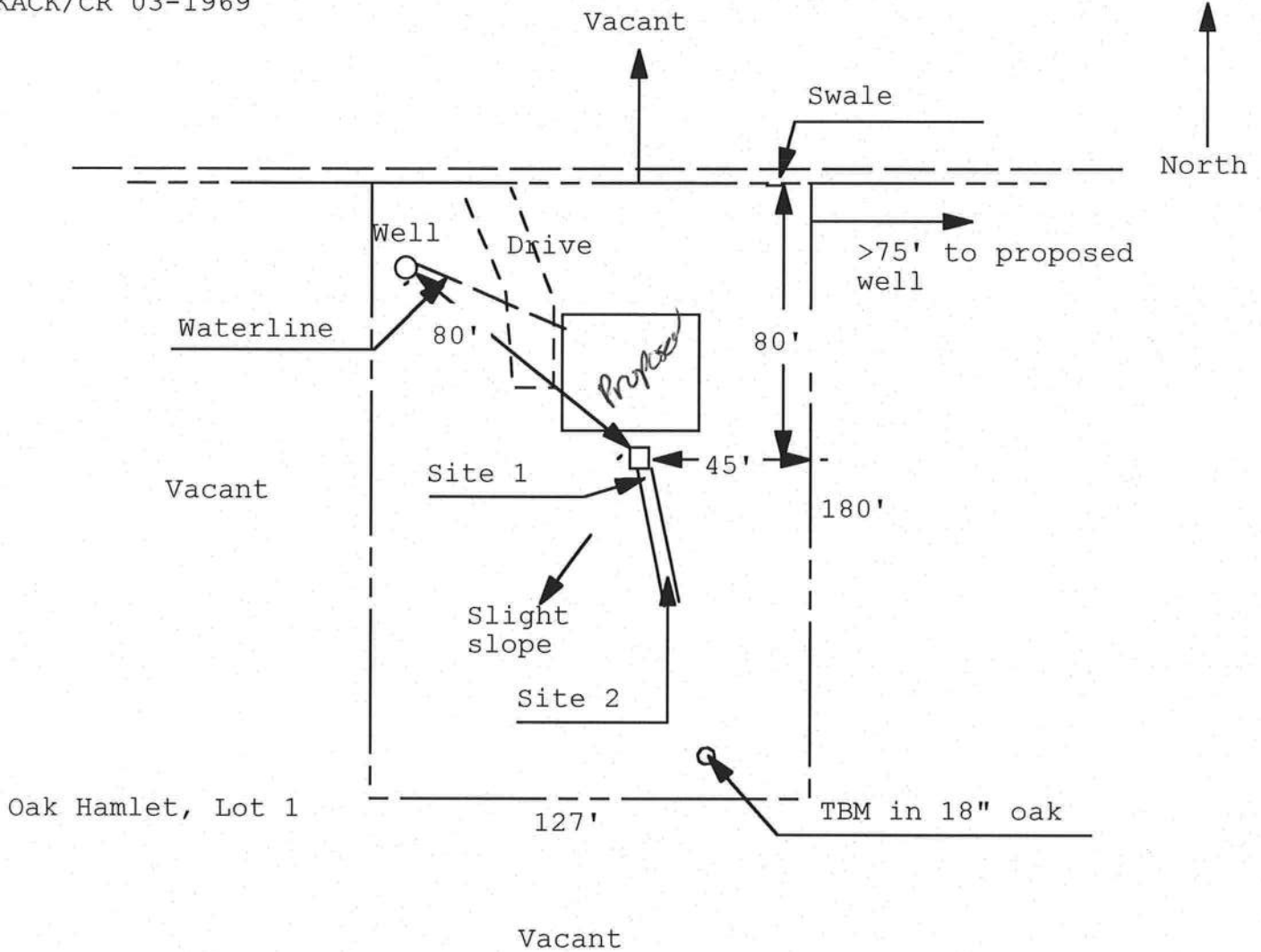
Notary Signature _____

VITALY IOVKACH

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-0718N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

TOVKACK/CR 03-1969



1 inch = 50 feet

Site Plan Submitted By

Plan Approved ☒ Not Approved ☒

By

Notes:

Date 4/2/04

Date 4/12/24

CPHU

7-2-04

**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 -101

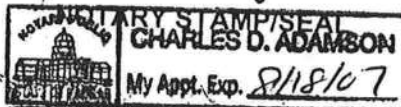
1. Description of property: (legal description of the property and street address or 911 address)
Lot 1 Block: Oak Hamlet S/D
210 NW Battle Hill Lane
Lake City, Florida 32055
2. General description of Improvement: Residential Construction
3. Owner Name & Address Vitaly Soukach P.O. Box 3413
On the, Kansas 66063 Interest In Property owner
4. Name & Address of Fee Simple Owner (if other than owner): _____
5. Contractor Name CES Construction Phone Number 386-755-7200
 Address 456 SE Esmin Ave. Suite 101 Lake City, FL 32025
6. Surety Holders Name _____ Phone Number _____
 Address _____
- Amount of B₁ 6 Inst:2004015782 Date:07/08/2004 Time:10:39
DC, P. DeWitt Cason, Columbia County B:1020 P:836
7. Lender Name _____ e 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 Torbach
Signature of Owner

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



Signature of Notary _____

**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 28-35-16-02365-101

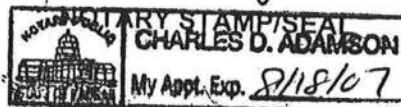
1. Description of property: (legal description of the property and street address or 911 address)
Lot 1 Block: Oak Hamlet S/D
210 NW Battle Hill Lane
Lake City, Florida 32055
2. General description of improvement: Residential Construction
3. Owner Name & Address Vitaly Soukach P.O. Box 3413
Oklahe, Kansas 66063 Interest in Property owner
4. Name & Address of Fee Simple Owner (if other than owner): _____
5. Contractor Name CES Construction Phone Number 386-755-7200
 Address 456 SE Ermine Ave. Suite 101 Lake City, FL 32025
6. Surety Holders Name _____ Phone Number _____
 Address _____
 Amount of Bk Inst:2004015782 Date:07/08/2004 Time:10:39
B DC, P. DeWitt Cason, Columbia County B:1020 P:836
7. Lender Name _____ e 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 hereby certifies that the information provided on this form is true and correct to the best of their knowledge and belief.

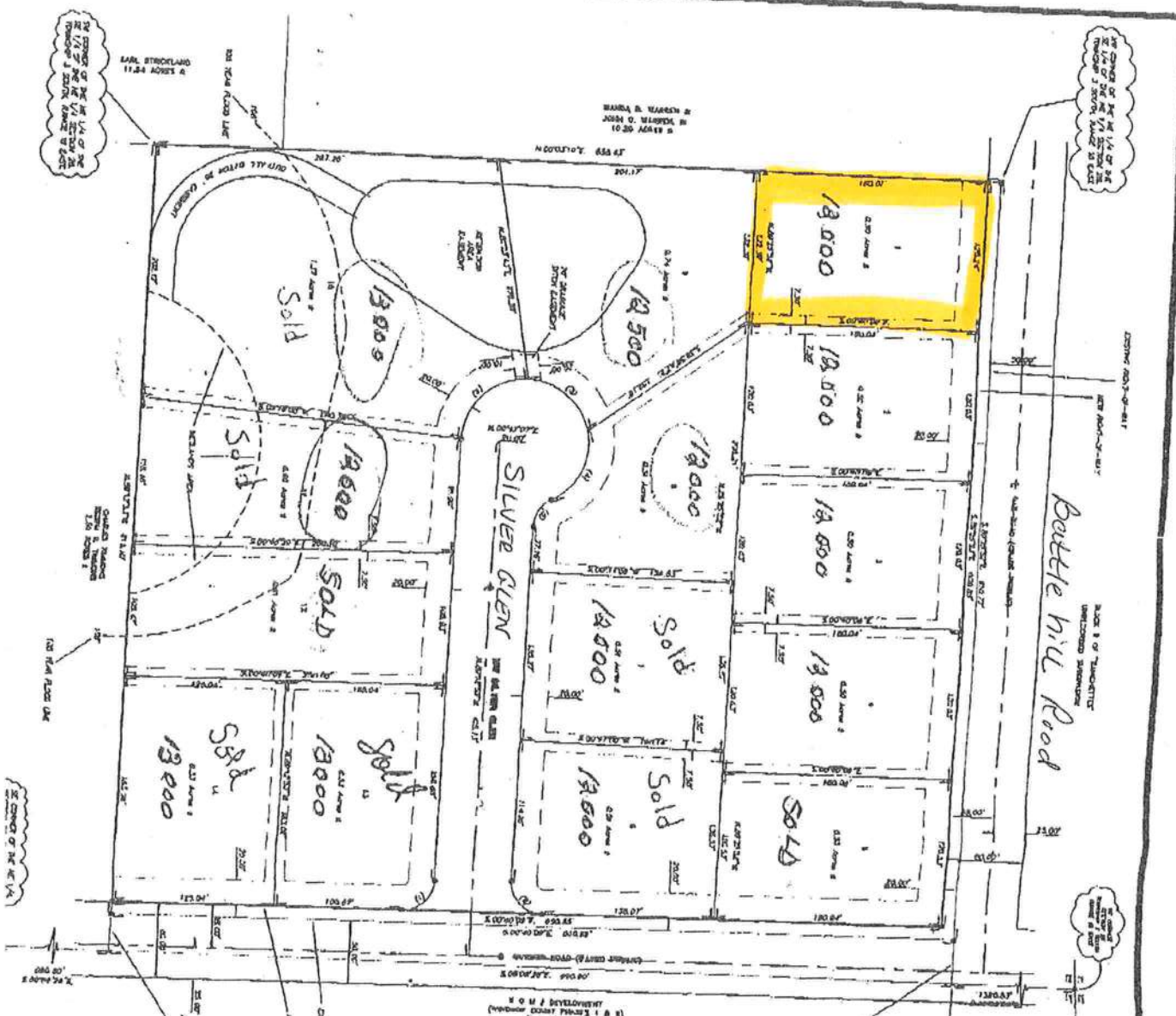
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Vitaly Tovkach
Signature of Owner

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



Signature of Notary: 



Battle Hill Road

Turner Road

"OAK HAMLET SUBDIVISION"
IN SECTION 28, TOWNSHIP 3 SOUTH, RANGE 16
COLUMBIA COUNTY, FLORIDA

PLAT BOOK PAGE
SHEET 2 OF

SCALE: 1" = 60'

CURVE TABLE

ARC	CHORD	ANGLE	CHORD	ANGLE
10.00	10.00	90.00	14.14	90.00
12.50	12.50	112.50	17.68	112.50
15.00	15.00	135.00	21.21	135.00
17.50	17.50	157.50	24.75	157.50
20.00	20.00	180.00	28.28	180.00
22.50	22.50	202.50	31.82	202.50
25.00	25.00	225.00	35.36	225.00
27.50	27.50	247.50	38.90	247.50
30.00	30.00	270.00	42.44	270.00
32.50	32.50	292.50	45.98	292.50
35.00	35.00	315.00	49.52	315.00
37.50	37.50	337.50	53.06	337.50
40.00	40.00	360.00	56.60	360.00

NOTES:
1. ALL DISTANCES ARE IN FEET AND DECIMALS THEREOF.
2. ALL ANGLES ARE IN DEGREES AND DECIMALS THEREOF.
3. THE AREA OF THIS SUBDIVISION IS 1.00 ACRES.
4. THE TOTAL AREA OF THIS SUBDIVISION IS 1.00 ACRES.
5. THE TOTAL AREA OF THIS SUBDIVISION IS 1.00 ACRES.

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

JMK 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.

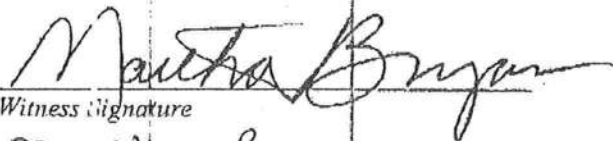
Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

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:



Witness Signature

Martha Bryan
Printed Name


Witness Signature

Regina Simpkins
Printed Name


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


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**

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:	Columbia
City, State:	COLUMBIA COUNTY, FL	Permit Number:	22087
Owner:	C&S CONSTRUCTION	Jurisdiction Number:	22000
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: [Signature]DATE: 05 APR 2004 1127005

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
					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	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: 1426.9				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	Multiplier X Credit = 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	+
7281		7174		8238		22693	4225	+
							6389	+
							7795	=
								Total Points
								18410

PASS

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				___
a. Slab-On-Grade Edge Insulation	R=0.0, 160.3(p) ft	___	14. Hot water systems	
b. N/A		___	a. Electric Resistance	Cap: 50.0 gallons ___
c. N/A		___		EF: 0.93 ___
9. Wall types			b. N/A	___
a. Frame, Wood, Exterior	R=13.0, 1222.6 ft ²	___	c. Conservation credits	___
b. N/A		___	(HR-Heat recovery, Solar	
c. N/A		___	DHP-Dedicated heat pump)	
d. N/A		___	15. HVAC credits	CF, ___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types			HF-Whole house fan,	
a. Under Attic	R=30.0, 1389.9 ft ²	___	PT-Programmable Thermostat,	
b. N/A		___	MZ-C-Multizone cooling,	
c. N/A		___	MZ-H-Multizone heating)	
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 EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

EnergyGauge® (Version: FLRCPB v3.30)

System Sizing Calculations - Winter

Residential Load - Component Details

C&S CONSTRUCTION

Project Title:

Code Only

COLUMBIA COUNTY, FL

CnS_58EX

Professional Version

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

05-Apr-04

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	40.0	28.3	1132 Btuh
2	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
3	2, Clear, Metal, DEF	W	6.0	28.3	170 Btuh
4	2, Clear, Metal, DEF	S	15.0	28.3	424 Btuh
5	2, Clear, Metal, DEF	S	9.0	28.3	255 Btuh
6	2, Clear, Metal, DEF	S	20.0	28.3	566 Btuh
Window Total			120		3396 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1223	3.1	3790 Btuh
Wall Total			1223		3790 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		40	17.9	718 Btuh
Door Total			40		718Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1390	1.3	1807 Btuh
Ceiling Total			1390		1807Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	160.3 ft(p)	31.6	5066 Btuh
Floor Total			160		5066 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	10972(sqft)	73	3144 Btuh
	Mechanical			150	6435 Btuh
Infiltration Total				223	9579 Btuh

Totals for Heating	Subtotal	24356 Btuh
	Duct Loss(using duct multiplier of 0.05)	1218 Btuh
	Total Btuh Loss	25574 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

COLUMBIA COUNTY 9-1-1 ADDRESSING

263 N 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:

210 NW Battle Hill LN. (Lake City, FL 32055)

Addressed Location 911 Phone Number: N/A

OCCUPANT NAME: _____

OCCUPANT CURRENT MAILING ADDRESS: _____

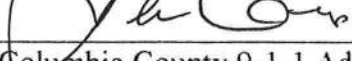
PROPERTY APPRAISER MAP SHEET NUMBER: 44

PROPERTY APPRAISER PARCEL NUMBER: 28-35-16-02365-101

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: LOT 1, Oak Hamlet S/D.

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

Columbia County Building Department Culvert Permit

Culvert Permit No.
000000359

DATE 07/16/2004 PARCEL ID # 28-3S-16-02365-101

APPLICANT LAVONNE COX PHONE 755.7200

ADDRESS 456 SE ERMINE STREET LAKE CITY FL 32025

OWNER VITALY TOVKACH PHONE 816.243.3125

ADDRESS 210 NW BATTLEHILL LANE LAKE CITY FL 32055

CONTRACTOR JAMES R. COX/C&S CONSTR. PHONE 755.7200

LOCATION OF PROPERTY 90-W TO TURNER RD., R, TO BATTLEHILL, L, 4TH LOT N L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT OAK HAMLET 1

SIGNATURE Lavonne 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

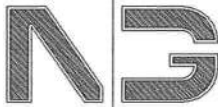
Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



22087



**NICHOLAS
PAUL
GEISLER**
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

26 JULY 2004

BUILDING OFFICIAL
COLUMBIA COUNTY BUILDING DEPARTMENT
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: VITALY TOYHACK RESIDENCE, LOT #1, OAK HAMLET S/D
PRN: _____

DEAR SIR:

THIS LETTER IS A REQUEST OF SUSPENSION OF THE "ONE FOOT ABOVE THE CROWN OF ROAD" REQUIREMENT FOR THE ABOVE REFERENCED PROJECT. THE SUBJECT PROPERTY SITUATES AS A DOWN SLOPE AWAY FROM THE ROAD EDGE AND CONTINUES A GRADUAL SLOPE TO THE REAR OF THE PROPERTY. ALL STORMWATER DISCHARGES TO THE REAR THENCE TO AN ADJACENT OFF-SITE NATURAL RETENTION AREA. THE ENTIRE SITE IS IN FLOOD ZONE "X". THE OWNER DESIRES THIS SUSPENSION TO AVOID AN EXCESSIVELY HIGH DROP AT THE REAR OF THEIR HOME, AND PROPOSES TO SET THE LOWEST FLOOR SLAB ELEVATION AT 6" ABOVE THE EXIST GRADE ALONG THE FRONT OF THE PROPOSED STRUCTURE LOCATION.

DUE TO THE NATURAL DRAINAGE OF THE SITE, THE PROPOSED CHANGE WILL NOT RESULT IN A FLOODING HAZARD FOR THE LOWEST LEVEL OF THE PROPOSED RESIDENCE.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CALL.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

COLUMBIA COUNTY OFFICE COLUMBIA

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-16-02365-102

Building permit No. 000022088

Use Classification SFD, UTILITY

Fire: 62.37

Permit Holder C&S CONSTRUCTION

Waste: 134.75

Owner of Building VITALY TOVKAC

Total: 197.12

Location: 186 NW BATTLEHILL LANE

Date: 11/16/2004



Henry L. L. L.

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

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service
Member Florida & National Pest Control Associations

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

10972

TERMITE TREATMENT CERTIFICATION

Owner: VITALLY TOVHACK	Permit Number: 22087
Lot: 1	Block:
Subdivision:	Street Address: 210 NW BATTLEHILL LANE
City: Lake City	County: Columbia
General Contractor: C & S CONSTRUCTION	Area Treated: EXTERIOR OF FOUNDATION
Date: 10/27/04	Time: 8:00 AM
Name of applicator: ROBERT CRAWFORD	Applicator ID Number: JB573
Product Used: Active Ingredient: % Concentration Dursban TC: Chlorpyrifos: 0.5%	Number of gallons used: 42
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>10-27-04</i>
---	--------------------------

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 •