

## PERMIT

000025345

APPLICANT	BRYAN ZECHER		PHONE	386.752.8653	
ADDRESS	POB 815	LAKE CITY	FL	32056	
OWNER	MICHAEL & NICOLE COVERT		PHONE	305.479.9097	
ADDRESS	7734 SW CR 240	LAKE CITY	FL	32024	
CONTRACTOR	BRYAN ZECHER		PHONE	386.752.8653	
LOCATION OF PROPERTY	47-S TO C-240,TURN R, GO 1 1/2 MILES TO PROPERTY ON THE L.				

TYPE DEVELOPMENT		<u>GARAGE/REMODEL</u>		ESTIMATED COST OF CONSTRUCTION		<u>30550.00</u>	
HEATED FLOOR AREA		<u>611.00</u>	TOTAL AREA	<u>611.00</u>	HEIGHT	<u>STORIES 1</u>	
FOUNDATION	<u>CONC</u>	WALLS	<u>FRAMED</u>	ROOF PITCH	<u>7'12</u>	FLOOR	<u>CONC</u>
LAND USE & ZONING		<u>A-3</u>			MAX. HEIGHT	<u>35</u>	
Minimum Set Back Requirments:		STREET-FRONT	<u>30.00</u>	REAR	<u>25.00</u>	SIDE	<u>25.00</u>
NO. EX.D.U.	0	FLOOD ZONE	X	DEVELOPMENT PERMIT NO.			

PARCEL ID	09-5S-16-03498-102		SUBDIVISION	OAKFIELD	
LOT 2	BLOCK	PHASE 1	UNIT	TOTAL ACRES	6.00

**CBC054575**

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
<u>EXISTING</u>	<u>06-1004</u>	<u>BLK</u>	<u>JTH</u>	<u>                    </u>
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 24932

**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 \$	155.00	CERTIFICATION FEE \$	3.06	SURCHARGE FEE \$	3.06
MISC. FEES \$	0.00	ZONING CERT. FEE \$		FIRE FEE \$	0.00
				WASTE FEE \$	
FLOOD DEVELOPMENT FEE \$		FLOOD ZONE FEE \$		CULVERT FEE \$	
<b>TOTAL FEE</b>					<b>161.12</b>
INSPECTORS OFFICE			CLERKS OFFICE		

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

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

**This Permit Must Be Prominently Posted on Premises During Construction**

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

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

## Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0612-35 Date Received 12/11/06 By GA Permit # 25345  
 Application Approved by - Zoning Official BLK Date 14.12.06 Plans Examiner OKJTH Date 12-15-06  
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
 Comments SITE PLAN ON PAGE A-6 OF PLANS NOC OK

867-4994

Applicants Name Bryan Zecher Phone 752-8653  
 Address P.O. Box 815, Lake City, FL 32056  
 Owners Name Michael and Nicole Covert Phone \_\_\_\_\_  
 911 Address 7734 SW CR 240, Lake City, FL 32024  
 Contractors Name Bryan Zecher Construction, Inc. Phone 752-8653  
 Address P.O. Box 815, Lake City, FL 32056

Fee Simple Owner Name &amp; Address \_\_\_\_\_

Bonding Co. Name &amp; Address \_\_\_\_\_

Architect/Engineer Name & Address Teena Ruffo / Mark DisawayMortgage Lenders Name & Address Bank of America 164 NW Madison St. Lake City, FL 32055Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive EnergyProperty ID Number 09-55-16-03498-102 Estimated Cost of Construction \$150,000.00Subdivision Name OAKFIELD ADEL Lot 2 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase 1Driving Directions From Hwy 90, take Hwy 41 south and bear right onto Hwy 47. Head south to CR 240, turn right and job site is about 1 1/2 miles on leftType of Construction Frame Remodel Garage Number of Existing Dwellings on Property 0 <sup>one</sup> <sub>has been demolished</sub>Total Acreage 6 Lot Size 15 ac Do you need a - Culvert Permit or Culvert Waiver or Have an Existing DriveActual Distance of Structure from Property Lines - Front 97' Side 215' Side 100' Rear 300'Total Building Height 22 Number of Stories 1 Heated Floor Area 611' Roof Pitch 7/12  
TOTAL 611

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Owner Builder or Agent (Including Contractor) \_\_\_\_\_

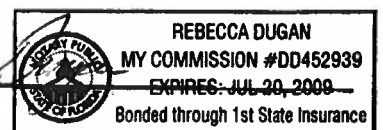
STATE OF FLORIDA  
COUNTY OF COLUMBIA

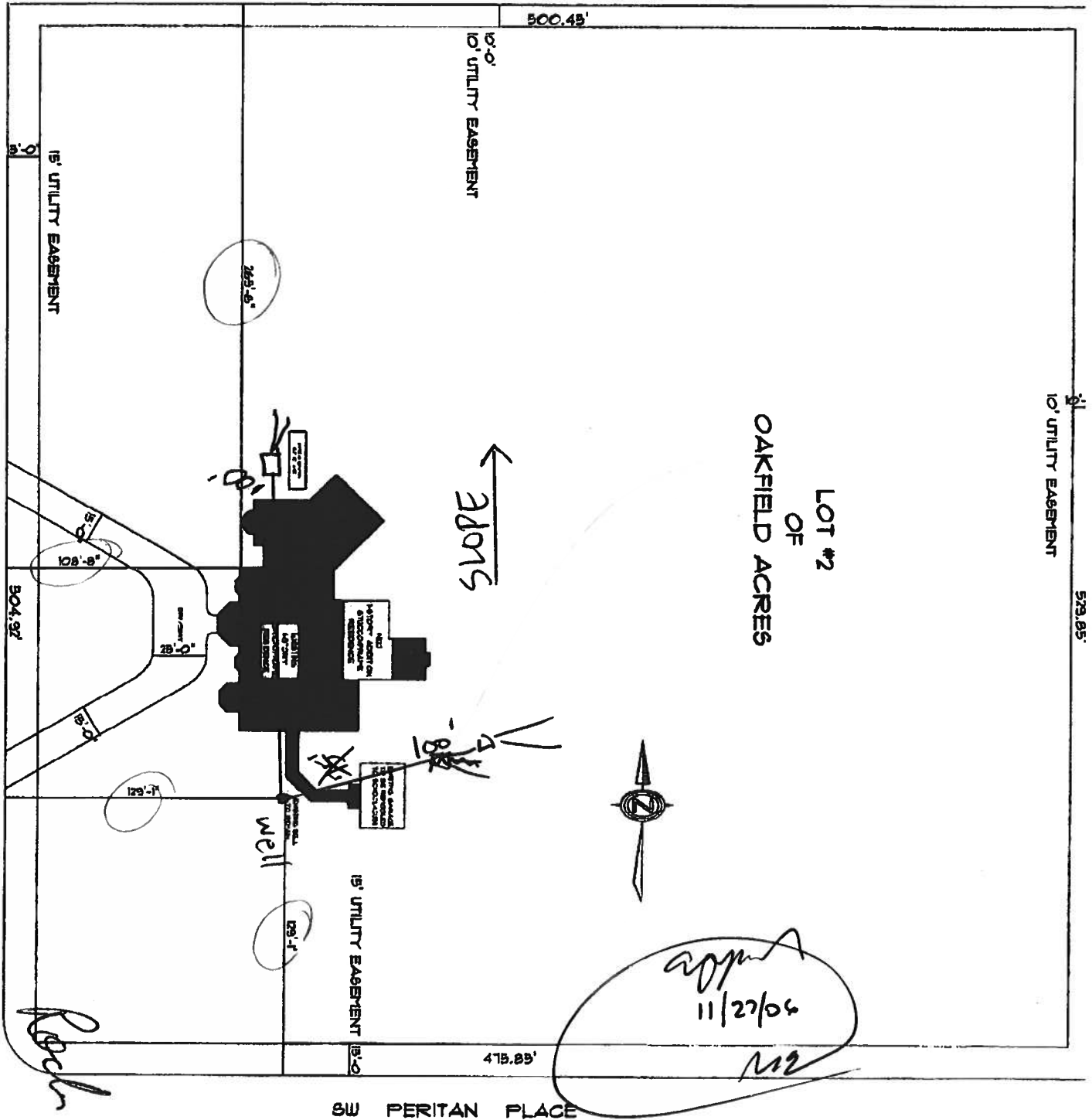
Sworn to (or affirmed) and subscribed before me

this 11th day of December 20 06.Personally known ✓ or Produced Identification \_\_\_\_\_

Contractor Signature \_\_\_\_\_  
 Contractors License Number CBC054575  
 Competency Card Number \_\_\_\_\_  
 NOTARY STAMP/SEAL

Notary Signature \_\_\_\_\_





STATE ROAD 240

• SITE PLAN •

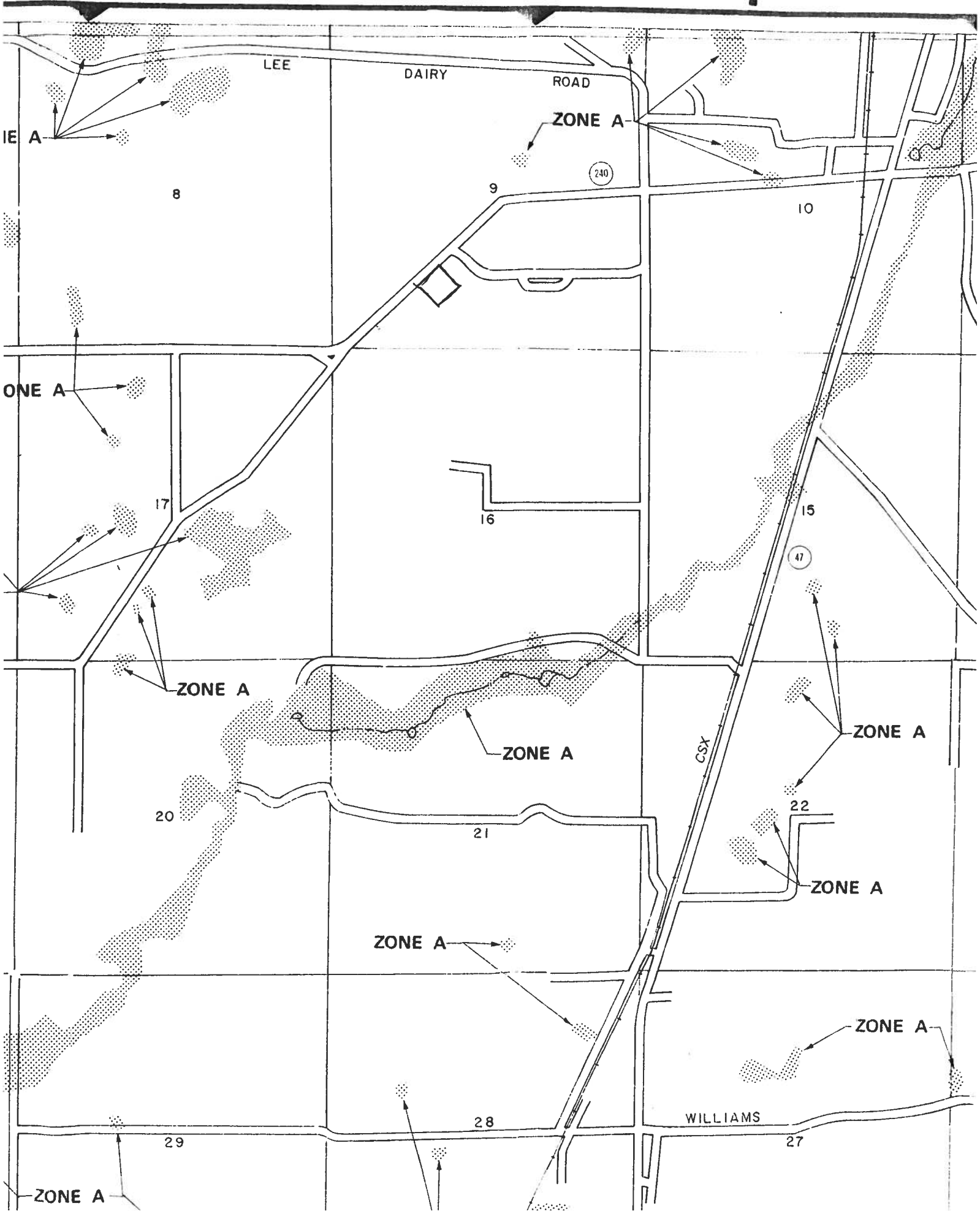
**SCALE: 1" = 30'-0"**

NOV 13 2006

0612-35

E

F





# HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL  
OWNERSPHONE (904) 752-1854  
FAX (904) 755-7022  
~~XXXXXX~~ XXXXXXXX  
LAKE CITY, FLORIDA 32055  
904 NW Main Blvd.

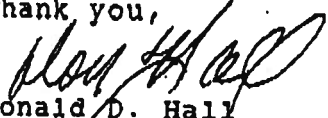
June 12, 2002

## NOTICE TO ALL CONTRACTORS

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

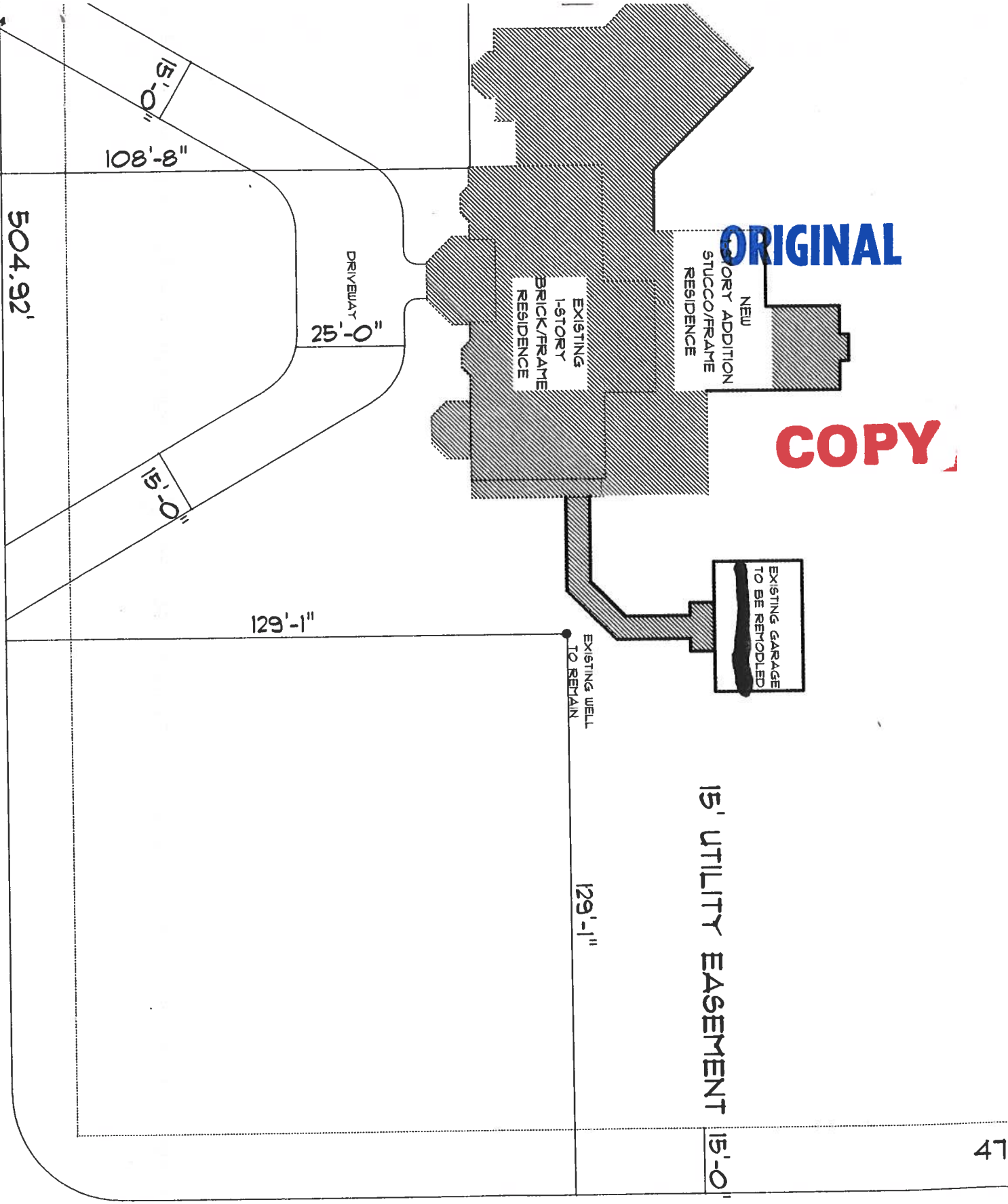
If you have any questions please feel free to call our office anytime.

Thank you,

  
Donald D. Hall  
DDH/jk

ORIGINAL

COPY



SW PERITAN

OK JTH 6-12-15

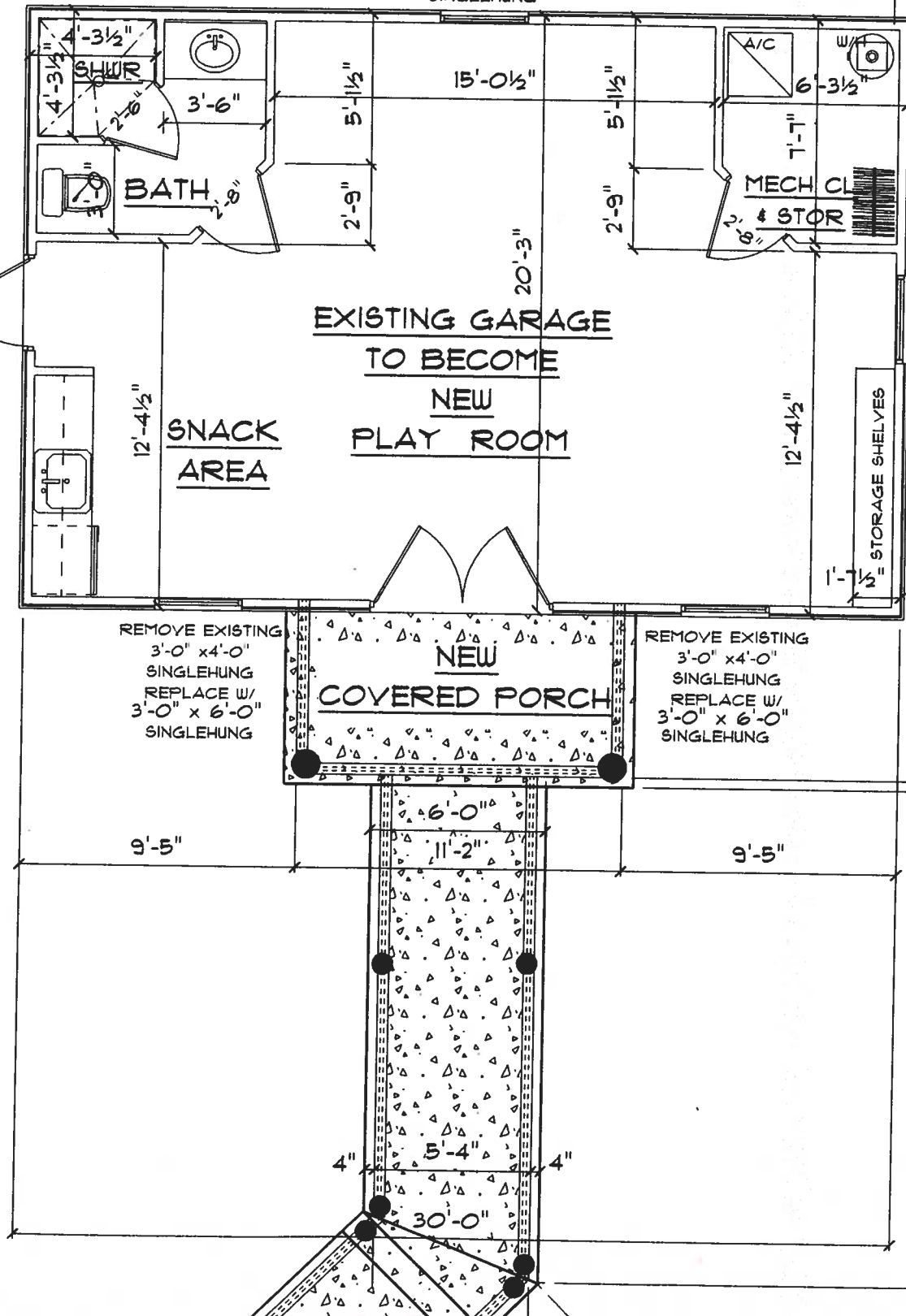


ORIGINAL  
COPY

REMOVE EXISTING  
3'-0" x 4'-6"  
SINGLEHUNG  
REPLACE W/NEW  
3'-0" x 6'-0"  
SINGLEHUNG

REMOVE EXISTING  
3'-0" x 6'-8"  
STL. DR.  
REPLACE W/NEW  
3'-0" x 6'-8" FR DR

REMOVE EXISTING  
3'-0" x 4'-6"  
SINGLEHUNG  
REPLACE W/NEW  
3'-0" x 6'-0"  
SINGLEHUNG



REMOVE EXISTING  
3'-0" x 4'-0"  
SINGLEHUNG  
REPLACE W/  
3'-0" x 6'-0"  
SINGLEHUNG

REMOVE EXISTING  
3'-0" x 4'-0"  
SINGLEHUNG  
REPLACE W/  
3'-0" x 6'-0"  
SINGLEHUNG

5'-8"  
4"

9'-5"

9'-5"

4"

4"

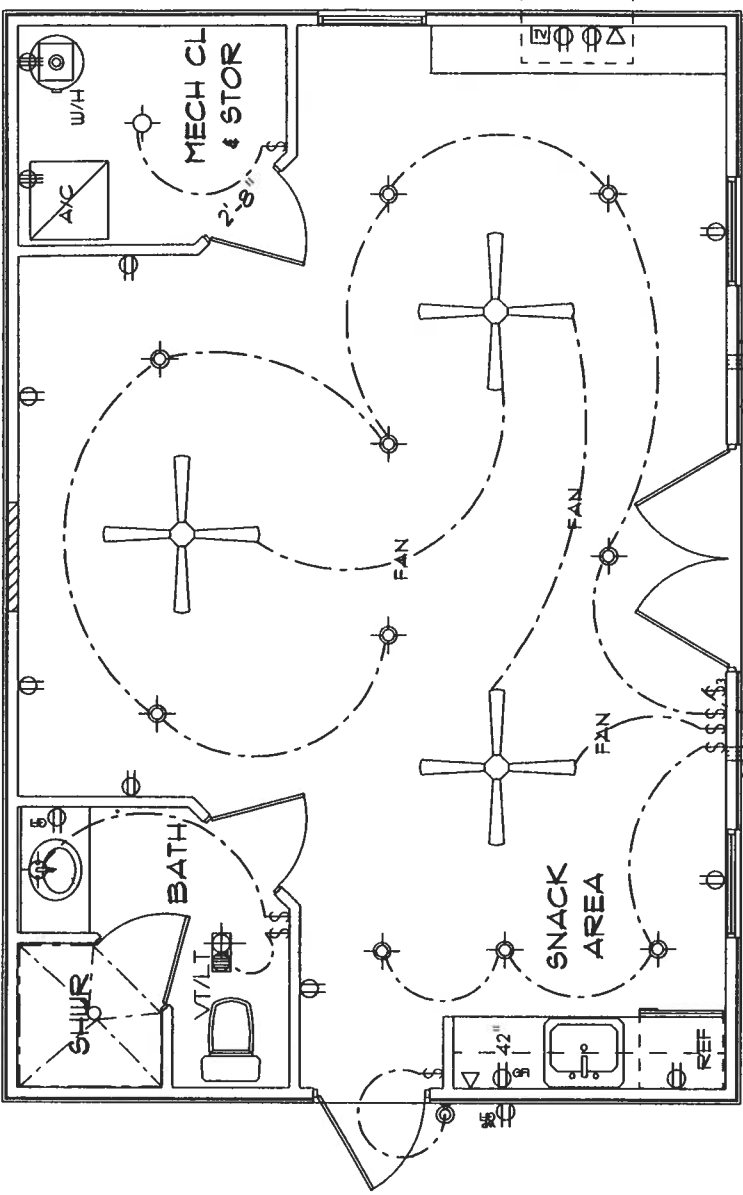
5'-4"

30'-0"



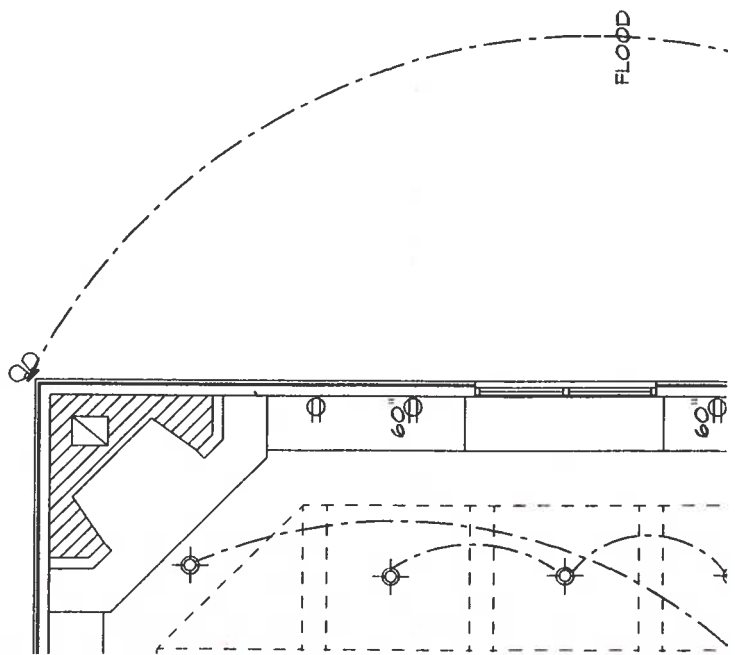
EXISTIN  
TO 1  
PLA'

NOTE  
SET ALL  
AT 60'

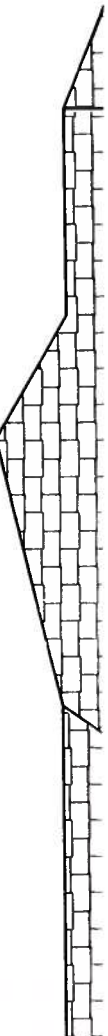
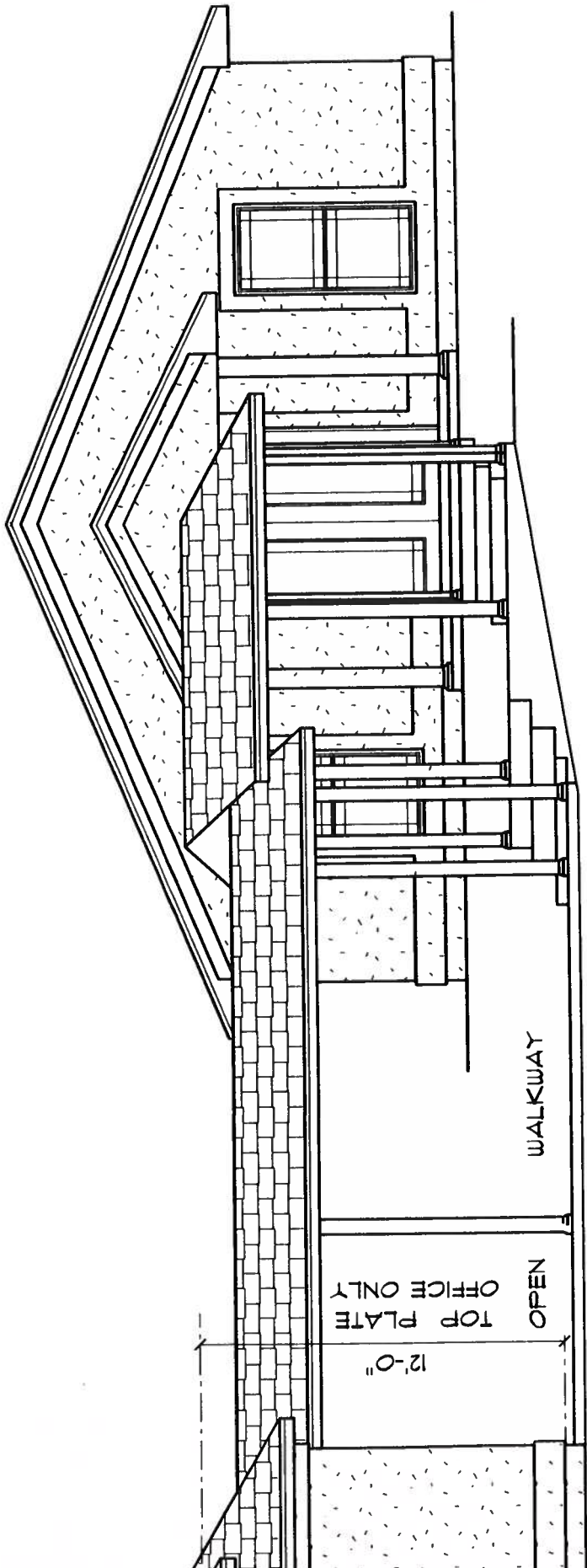


ORIGINAL  
COPY

ELECTRICAL	COUNT	SYMBOL
chandelier	3	
wall mount	1	
3 way switch with dimmer	8	
cable tv outlet	7	
ceiling fan	21	
double flood lights	5	
dimmer switch	22	



**ORIGINAL**  
**COPY**

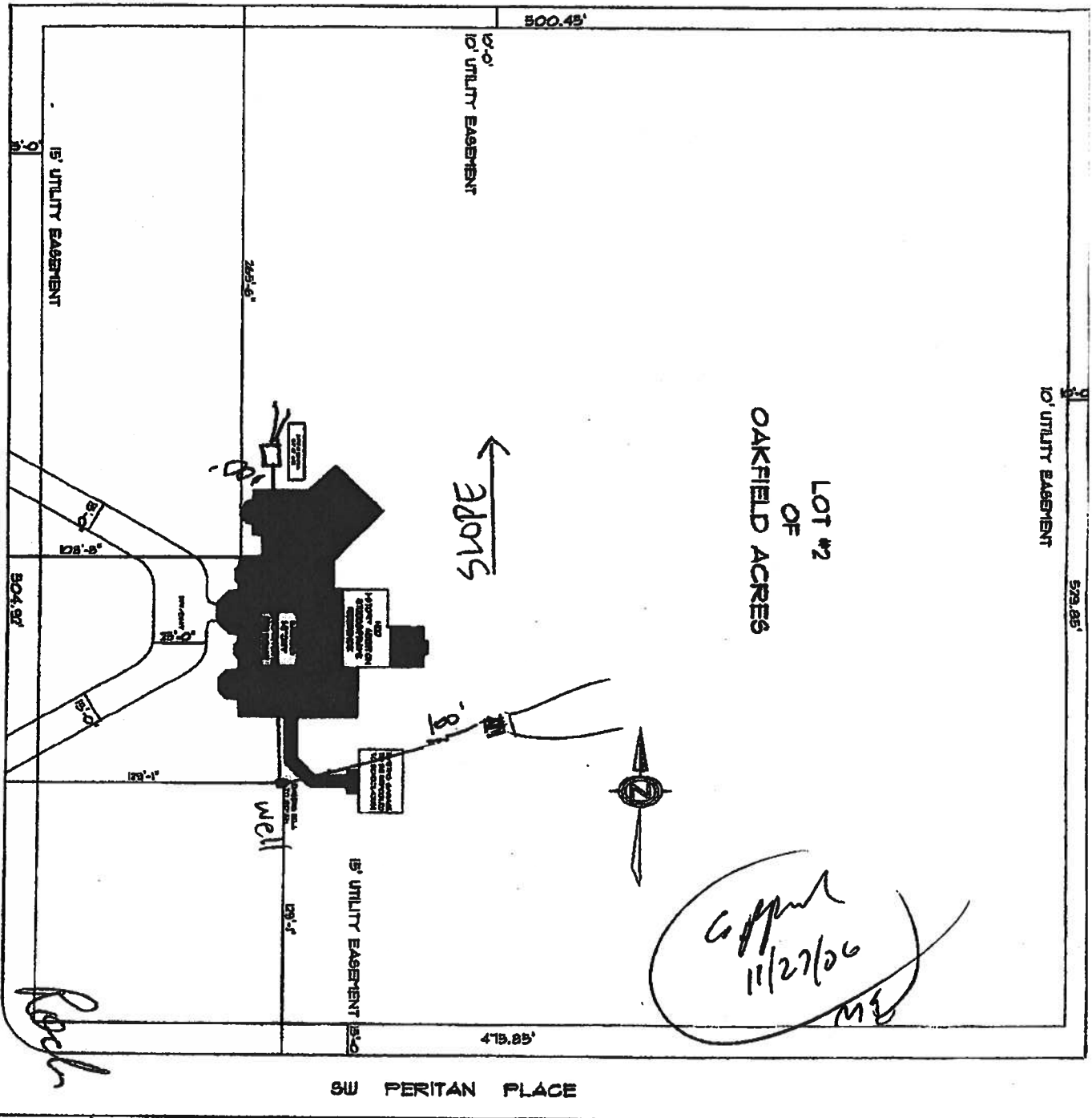


NOV-7-2006 14:17 FROM: BRYAN ZECHER CONSTRU 386-758-8920

TO: 4974866

P.3

Covert De-1004



STATE ROAD 240  
• SITE PLAN •  
SCALE: 1" = 30'-0"

NOV 13 2006

RECEIVED  
RUT 11/29/06  
283

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

## Florida Department of Community Affairs Residential Whole Building Performance Method A

<b>Project Name:</b> 610042CovertSchoolRoom <b>Address:</b> <b>City, State:</b> , FL <b>Owner:</b> <b>Climate Zone:</b> North	<b>Builder:</b> <b>Permitting Office:</b> Columbia <b>Permit Number:</b> 25345 <b>Jurisdiction Number:</b> 221006
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<ol style="list-style-type: none"> <li>1. New construction or existing <span style="float: right;">New</span> <input type="checkbox"/></li> <li>2. Single family or multi-family <span style="float: right;">Single family</span> <input type="checkbox"/></li> <li>3. Number of units, if multi-family <span style="float: right;">1</span> <input type="checkbox"/></li> <li>4. Number of Bedrooms <span style="float: right;">1</span> <input type="checkbox"/></li> <li>5. Is this a worst case? <span style="float: right;">Yes</span> <input type="checkbox"/></li> <li>6. Conditioned floor area (ft²) <span style="float: right;">611 ft²</span> <input type="checkbox"/></li> <li>7. Glass type<sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)           <table style="width: 100%;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>72.0 ft²</td> </tr> <tr> <td>b. SHGC:</td> <td>7b. (Clear)</td> <td>72.0 ft²</td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td></td> <td></td> </tr> </table> </li> <li>8. Floor types           <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 70%;">R=0.0, 100.0(p) ft</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> </li> <li>9. Wall types           <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 70%;">R=13.0, 768.0 ft²</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> <tr> <td>d. N/A</td> <td></td> </tr> <tr> <td>e. N/A</td> <td></td> </tr> </table> </li> <li>10. Ceiling types           <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 70%;">R=30.0, 611.0 ft²</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> </li> <li>11. Ducts           <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH: Interior</td> <td style="width: 70%;">Sup. R=6.0, 30.0 ft</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> </table> </li> </ol>	a. U-factor:	Description	Area	(or Single or Double DEFAULT)	7a. (Dble Default)	72.0 ft²	b. SHGC:	7b. (Clear)	72.0 ft²	(or Clear or Tint DEFAULT)			a. Slab-On-Grade Edge Insulation	R=0.0, 100.0(p) ft	b. N/A		c. N/A		a. Frame, Wood, Exterior	R=13.0, 768.0 ft²	b. N/A		c. N/A		d. N/A		e. N/A		a. Under Attic	R=30.0, 611.0 ft²	b. N/A		c. N/A		a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 30.0 ft	b. N/A		<ol style="list-style-type: none"> <li>12. Cooling systems           <table style="width: 100%;"> <tr> <td style="width: 50%;">a. Central Unit</td> <td style="width: 50%;">Cap: 18.0 kBtu/hr</td> </tr> <tr> <td></td> <td>SEER: 13.00</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> </li> <li>13. Heating systems           <table style="width: 100%;"> <tr> <td style="width: 50%;">a. Electric Heat Pump</td> <td style="width: 50%;">Cap: 18.0 kBtu/hr</td> </tr> <tr> <td></td> <td>HSPF: 7.90</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> </li> <li>14. Hot water systems           <table style="width: 100%;"> <tr> <td style="width: 50%;">a. Electric Resistance</td> <td style="width: 50%;">Cap: 40.0 gallons</td> </tr> <tr> <td></td> <td>EF: 0.93</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. Conservation credits</td> <td></td> </tr> <tr> <td colspan="2">(HR-Heat recovery, Solar</td> </tr> <tr> <td colspan="2">DHP-Dedicated heat pump)</td> </tr> </table> </li> <li>15. HVAC credits           <table style="width: 100%;"> <tr> <td colspan="2">(CF-Ceiling fan, CV-Cross ventilation,</td> </tr> <tr> <td colspan="2">HF-Whole house fan,</td> </tr> <tr> <td colspan="2">PT-Programmable Thermostat,</td> </tr> <tr> <td colspan="2">MZ-C-Multizone cooling,</td> </tr> <tr> <td colspan="2">MZ-H-Multizone heating)</td> </tr> </table> </li> </ol>	a. Central Unit	Cap: 18.0 kBtu/hr		SEER: 13.00	b. N/A		c. N/A		a. Electric Heat Pump	Cap: 18.0 kBtu/hr		HSPF: 7.90	b. N/A		c. N/A		a. Electric Resistance	Cap: 40.0 gallons		EF: 0.93	b. N/A		c. Conservation credits		(HR-Heat recovery, Solar		DHP-Dedicated heat pump)		(CF-Ceiling fan, CV-Cross ventilation,		HF-Whole house fan,		PT-Programmable Thermostat,		MZ-C-Multizone cooling,		MZ-H-Multizone heating)	
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Glass/Floor Area: 0.12

Total as-built points: 8398

Total base points: 9867

# PASS

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

**PREPARED BY:** Ben [Signature]

**DATE:** 11-27-06

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

**OWNER/AGENT:** [Signature]

**DATE:** 12/11/06

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:** \_\_\_\_\_



<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

*GAUGE*

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	611.0	20.04	2204.0	Double, Clear	W	1.5	6.5	18.0	38.52	0.93	642.9
				Double, Clear	N	1.5	6.5	18.0	19.20	0.95	327.4
				Double, Clear	E	1.5	6.5	36.0	42.06	0.93	1403.0
				<b>As-Built Total:</b>				<b>72.0</b>	<b>2373.4</b>		
<b>WALL TYPES</b>											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		768.0	1.50		1152.0	
Exterior	768.0	1.70	1305.6								
<b>Base Total:</b>				<b>768.0</b>		<b>1305.6</b>		<b>As-Built Total:</b>			
								<b>768.0</b>		<b>1152.0</b>	
<b>DOOR TYPES</b>											
Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Insulated	60.0 4.10 246.0						
Exterior	60.0	4.10	246.0								
<b>Base Total:</b>				<b>60.0</b>		<b>246.0</b>		<b>As-Built Total:</b>			
								<b>60.0</b>		<b>246.0</b>	
<b>CEILING TYPES</b>											
Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	611.0	1.73	1057.0	Under Attic	30.0		611.0	1.73 X 1.00		1057.0	
<b>Base Total:</b>				<b>611.0</b>		<b>1057.0</b>		<b>As-Built Total:</b>			
								<b>611.0</b>		<b>1057.0</b>	
<b>FLOOR TYPES</b>											
Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	100.0(p)	-37.0	-3700.0	Slab-On-Grade Edge Insulation	0.0		100.0(p)	-41.20		-4120.0	
Raised	0.0	0.00	0.0								
<b>Base Total:</b>				<b>-3700.0</b>		<b>100.0</b>		<b>As-Built Total:</b>			
								<b>100.0</b>		<b>-4120.0</b>	
<b>INFILTRATION</b>											
Area X BSPM = Points						Area X SPM = Points					
611.0 10.21 6238.3						611.0 10.21 6238.3					

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT						
<b>Summer Base Points: 7350.9</b>				<b>Summer As-Built Points: 6946.7</b>						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	=	Cooling Points
7350.9	0.4266		3135.9	<small>(sys 1: Central Unit 18000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)</small> 6947      1.00    (1.09 x 1.147 x 0.91)    0.263      1.000      2074.9 <b>6946.7      1.00      1.138      0.263      1.000      2074.9</b>						

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	611.0	12.74	1401.1	Double, Clear	W	1.5	6.5	18.0	20.73	1.02	380.5
				Double, Clear	N	1.5	6.5	18.0	24.58	1.00	443.3
				Double, Clear	E	1.5	6.5	36.0	18.79	1.03	697.3
				<b>As-Built Total:</b>				<b>72.0</b>	<b>1521.0</b>		
<b>WALL TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		768.0	3.40		2611.2	
Exterior	768.0	3.70	2841.6								
<b>Base Total:</b>				<b>768.0</b>		<b>2841.6</b>		<b>As-Built Total:</b>			
								<b>768.0</b>		<b>2611.2</b>	
<b>DOOR TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			60.0	8.40		504.0	
Exterior	60.0	8.40	504.0								
<b>Base Total:</b>				<b>60.0</b>		<b>504.0</b>		<b>As-Built Total:</b>			
								<b>60.0</b>		<b>504.0</b>	
<b>CEILING TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	611.0	2.05	1252.5	Under Attic	30.0		611.0	2.05 X 1.00		1252.5	
<b>Base Total:</b>				<b>611.0</b>		<b>1252.5</b>		<b>As-Built Total:</b>			
								<b>611.0</b>		<b>1252.5</b>	
<b>FLOOR TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	100.0(p)	8.9	890.0	Slab-On-Grade Edge Insulation	0.0		100.0(p)	18.80		1880.0	
Raised	0.0	0.00	0.0								
<b>Base Total:</b>				<b>890.0</b>		<b>100.0</b>		<b>As-Built Total:</b>			
								<b>100.0</b>		<b>1880.0</b>	
<b>INFILTRATION</b> Area X BWPM = Points								Area X WPM = Points			
611.0 -0.59 -360.5								611.0 -0.59 -360.5			



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT						
<b>Winter Base Points: 6528.8</b>				<b>Winter As-Built Points: 7408.3</b>						
Total Winter Points	X System Multiplier	=	Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	=	Heating Points
6528.8	0.6274		4096.2	(sys 1: Electric Heat Pump 18000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 7408.3      1.000    (1.069 x 1.169 x 0.93)    0.432      1.000      3716.4 <b>7408.3      1.00      1.162      0.432      1.000      3716.4</b>						

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

ADDRESS: , , FL,

PERMIT #:

BASE					AS-BUILT					
<b>WATER HEATING</b>										
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit = Total Multiplier
1		2635.00		2635.0	40.0	0.93	1		1.00	2606.67
					<b>As-Built Total:</b>					<b>2606.7</b>

CODE COMPLIANCE STATUS													
BASE							AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
3136		4096		2635		9867	2075		3716		2607		8398

**PASS**

# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:
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### 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 612.1.ABC.3.2. 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\* = 85.9**

**The higher the score, the more efficient the home.**

... FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 18.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	1	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	611 ft <sup>2</sup>		
7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 18.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 72.0 ft <sup>2</sup>		HSPF: 7.90
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 72.0 ft <sup>2</sup>	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 100.0(p) ft	a. Electric Resistance	Cap: 40.0 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, 768.0 ft <sup>2</sup>	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
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, 611.0 ft <sup>2</sup>	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 30.0 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: 12/1/06

Address of New Home: 7734 SW CF 240

City/FL Zip: LC FL 32024



*\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar<sup>TM</sup> 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](http://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.*

<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.  
EnergyGauge® (Version: FLR2PB v4.1)

25345

## NOTICE OF COMMENCEMENT

Permit No. \_\_\_\_\_

nst 200812014226 Date: 7/30/2008 Time: 12:08 P:1  
CC, P DeWitt Cason, Columbia County Page 1 of 3 B.1155 P 1703

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, Florida Statutes, the following information is provided in this Notice of Commencement:

1. Description of Property: Parcel No. \_\_\_\_\_  
7734 Southwest County Road 240  
Lake City, FL 32055

See Exhibit "A" attached hereto and made a part hereof for all purposes  
(Legal description of the property and street address if available)

2. General Description of Improvement:

Improvements to garage

3. Owner Information:

Name: Michael J. Covert and Nicole Covert, husband and wife  
Address: 7734 Southwest County Road 240  
Lake City, FL 32055

Interest in Property \_\_\_\_\_

Fee Simple Titleholder (if other than owner):

Name:

Address:

4. Contractor:

Name: Bryan Zecher Construction, Inc.  
Address: Post Office Box 315  
Lake City FL 32056

Phone:

5. Surety:

Name:

Address:

Phone: \_\_\_\_\_ Amount of Bond \$ \_\_\_\_\_

6. Lender:

Name: Bank of America, N.A.  
Address: 1201 Main Street, 11<sup>th</sup> Floor, Dallas, TX 75202  
Phone: 800-257-8878

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone number of designated persons: \_\_\_\_\_

8. In addition to himself or herself, Owner designates \_\_\_\_\_ or \_\_\_\_\_ to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.  
Phone Number of person entity designated by owner: \_\_\_\_\_

9. Expiration date of Notice of Commencement (the expiration Date of recording unless specified): \_\_\_\_\_

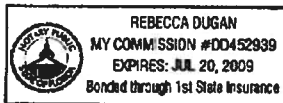
WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1 SECTION 71.3.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Michael Court  
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager

\_\_\_\_\_  
Signatory's Title/Office

State of Florida  
County of Columbia

The foregoing instrument was acknowledged before me this 29<sup>th</sup> day of August, by Michael and Nicole Court, who is personally known to me or has produced \_\_\_\_\_ as identification.



Rebecca Dugan  
Notary Public  
Rebecca Dugan  
Printed Name  
My Commission Expires: 7/20/09

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Michael Court  
Signature of Natural Person Signing Above



# 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 09-5S-16-03498-102

Building permit No. 000025345

Use Classification GARAGE/REMODEL

Fire: 0.00

Permit Holder BRYAN ZECHER

Waste:

Owner of Building MICHAEL & NICOLE COVERT

Total: 0.00

Location: 7734 SW CR 240, LAKE CITY, FL

Date: 10/10/2008

*Wayne H. Russ*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)