

DATE 07/11/2006

Columbia County Building Permit

PERMIT  
000024739

This Permit Expires One Year From the Date of Issue

APPLICANT	JOHN O'NEAL	PHONE	755-0240
ADDRESS	PO BOX 3505	LAKE CITY	FL 32056
OWNER	LAKE CITY CHRISTIAN ACADEMY	PHONE	758-0055
ADDRESS	3035 SW PINEMOUNT RD	LAKE CITY	FL 32024
CONTRACTOR	O'NEAL CONTRACTING, INC.	PHONE	755-0240
LOCATION OF PROPERTY	90 WEST, L PINEMOUNT RD, APPROX. 4 MILES ON LEFT AT SCHOOL		
TYPE DEVELOPMENT	MODULAR, UTILITY	ESTIMATED COST OF CONSTRUCTION	0.00
HEATED FLOOR AREA	TOTAL AREA	HEIGHT	13.60 STORIES 1
FOUNDATION	WALLS FRAED	ROOF PITCH	3/12 FLOOR PIERS
LAND USE & ZONING	AG-3	MAX. HEIGHT	35
Minimum Set Back Requirments:	STREET-FRONT 30.00	REAR 25.00	SIDE 25.00
NO. EX.D.U.	FLOOD ZONE X	DEVELOPMENT PERMIT NO.	

---

PARCEL ID	07-4S-16-02792-006	SUBDIVISION	
LOT	BLOCK	PHASE	UNIT
TOTAL ACRES			20.00

---

		CBC057550		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING	06-0560-N	BK	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, SE0215				

---

Check # or Cash 12290

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 \$	0.00	CERTIFICATION FEE \$	0.00	SURCHARGE FEE \$	0.00
MISC. FEES \$	200.00	ZONING CERT. FEE \$	50.00	FIRE FEE \$	0.00
WASTE FEE \$					
FLOOD DEVELOPMENT FEE \$		FLOOD ZONE FEE \$	25.00	CULVERT FEE \$	
TOTAL FEE				275.00	
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.

# Columbia County Building Permit Application

Revised 9-23-0

**For Office Use Only** Application 080714 Date Recd 7/7 Permit # 24739  
 Application Approved by - Zoning Official BLK Date 27-06-06 Plans Examined OK D 7-10-06  
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
 Comments SE 0215  
(11/01)

Applicants Name LAKE CITY CHRISTIAN ACADEMY (386)758-0055  
 Address 3035 S.W. PINEMOUNT RD LAKE CITY, FL 32024 Phone (386)758-3018  
 Owners Name SAME Phone \_\_\_\_\_  
 911 Address SAME  
 Contractors Name O'NEAL CONTRACTING, INC. (386)755-0240  
 Address P.O. BOX 3505 LAKE CITY, FL 32056 Phone (386)752-7578  
 Fee Simple Owner Name & Address N/A  
 Bonding Co. Name & Address N/A  
 Architect/Engineer Name & Address JOHN A. BODZIAK 3637 NORTH ST. PETERSBURG, FL 33204  
 Mortgage Lenders Name & Address N/A  
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
 Property ID Number 07-45-16-02792-006 Estimated Cost of Construction \$11,350.00  
 Subdivision Name N/A Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
 Driving Directions 90 WEST TO PINEMOUNT RD., TURN LEFT, GO APPROXIMATELY 4 MI. TO THE SCHOOL ON THE LEFT.

Type of Construction MODULAR BLDG. Number of Existing Dwellings on Property ONE  
 Total Acreage 20 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front 346 Side 230 Side 500 Rear 880  
 Total Building Height 13'6" Number of Stories 1 Heated Floor Area 840 Roof Pitch 3/12

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

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
 this 7th day of July 2006  
 Personally known ✓ or Produced Identification \_\_\_\_\_

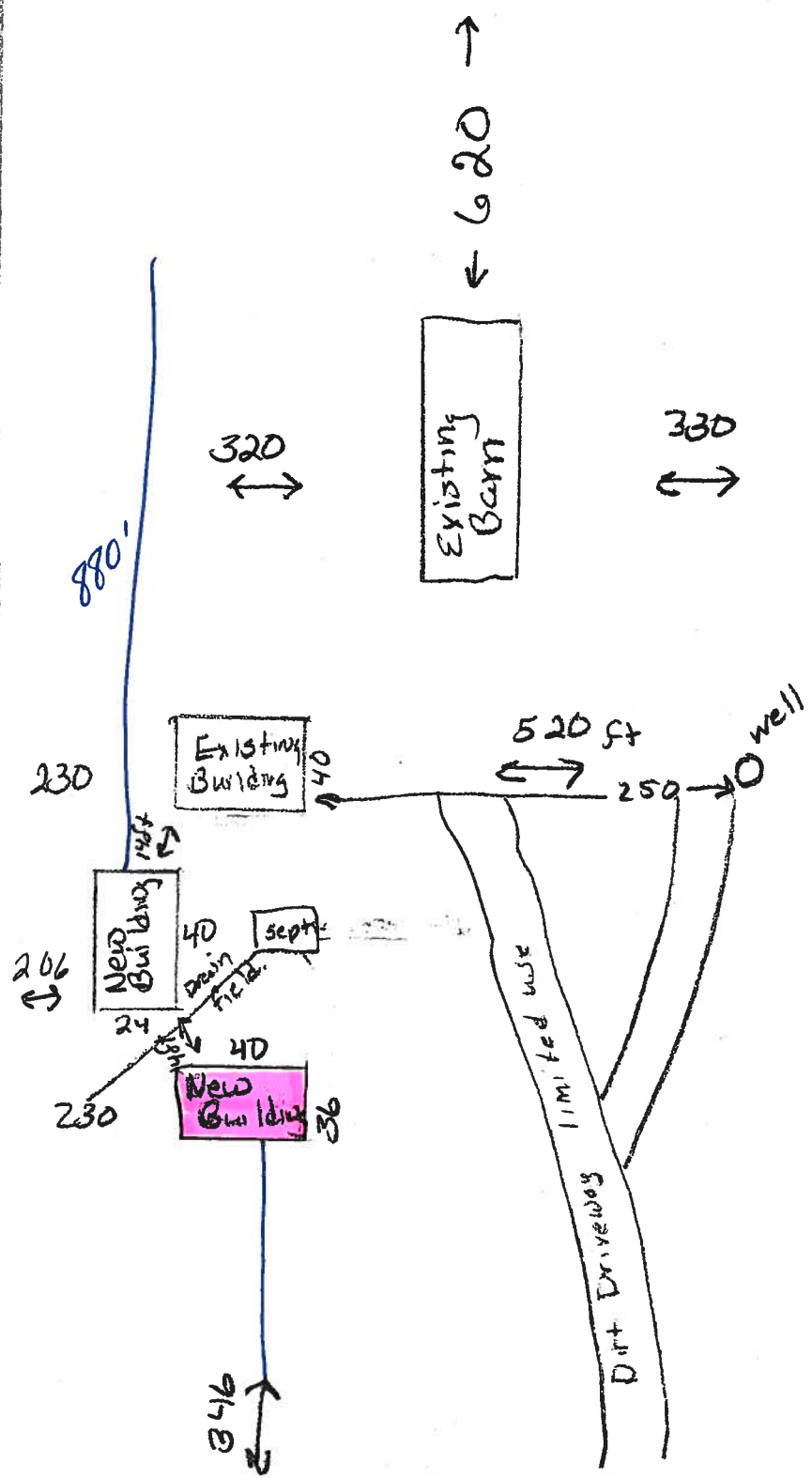
Contractor Signature  
 Contractors License Number CBC057550  
 Competency Card Number \_\_\_\_\_

NOTARY STAMP/SEAL  
Cindy Edge  
 Commission # DD308375  
 Expires July 20, 2008  
 Bonded Trust Fain - Insurance, Inc. 800-385-7019  
 Notary Signature \_\_\_\_\_





# Site Plan Eagle's Nest Ranch Lake City Christian 758-0055



@ CAM112M01 S CamaUSA Appraisal System  
 6/20/2006 9:43 Legal Description Maintenance  
 Year T Property Sel  
 2006, R 07-4S-16-02792-006  
 3035 PINEMOUNT RD SW LAKE CITY  
 EAGLE'S NEST RANCH INC

	Columbia	County
2000	Land	001
2631	AG	001
	Bldg	000
35520	Xfea	002
40151	TOTAL	B

1	COMM NE COR,, RUN S 56.08 FT TO S R/W CR-252,, RUN W ALONG R/W	2
3	60.01 FT FOR POB,, S 1270.51 FT,, W 684.42 FT,, N 1275.43 FT,,	4
5	TO S R/W OF CR-252,, E 684.42 FT TO POB,, EX 5.42 AC DESC ORB	6
7	924-2397,, ORB 841-769,,	8
9		10
11		12
13		14
15		16
17		18
19		20
21		22
23		24
25		26
27		28

Mnt 5/02/2001 TERRY

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More



## **Cal-Tech Testing, Inc.**

- Engineering
- Geotechnical
- Environmental

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

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

April 14, 2003

Lake City Christian Academy  
Rt. 11, Box 10521  
Lake City, Florida 32024

Attention: Tana Espenship

Reference: Proposed Prefabricated Buildings  
Lake City Christian Academy  
Lake City, Florida  
Cal-Tech Project No. 03-170

Dear Ms. Espenship,

Cal-Tech Testing, Inc. has completed an investigation and evaluation of subgrade soils at the referenced site. Specifically, bearing level soils in a foundation area for one of three prefabricated buildings were investigated. Our work was performed in conjunction with and authorized by you. The purpose of our investigation was to evaluate the existing subgrade soils for an allowable bearing pressure of 2,000 pounds per square foot.

### Site Investigation

The site was investigated by performing one (1) dynamic-cone penetration test and hand-auger boring advanced to a depth of 6 feet. The boring was performed near the center of the proposed construction area. This location was selected on site by you. A site plan was not available.

The dynamic cone penetration test is performed by driving a standard 60 degree cone into the soil by blows from a 15-pound slide-hammer falling 20 inches. The number of blows required to advance the cone 1.75 inches is designated the dynamic cone penetration resistance. This value can be correlated to N-values of the Standard Penetration Test and is an index of soil density or consistency.

Hand-auger borings are performed by manually advancing a 3-inch diameter, metal sleeve into the soil to recover samples from limited depths. Samples are examined for soil type and color.

## Findings

The soil boring generally encountered two soil strata. The first layer consists of about 4 feet of very loose to loose, tannish gray or grayish tan sand (SP) or sand with silt (SP/SM). Equivalent N-values of this layer range from 3 to 10 blows per foot.

The second layer consists of an undetermined thickness of loose to medium dense, tannish gray, orange and red, clayey sand or slightly clayey sand (SC). Equivalent N-values for this layer range from 5 to 16 blows per foot. Groundwater was not encountered at the time of our investigation.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Log. On this log values of cone penetration resistance have been converted to equivalent N-values of the Standard Penetration Test.

## Discussion

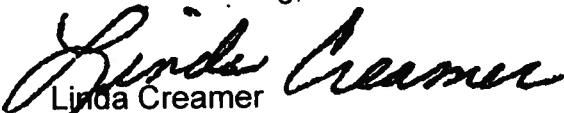
Based upon the results of the soil boring, we have performed a bearing capacity analysis for the subgrade soils at the specific location of the boring. We have assumed a foundation width of 16 inches with the foundation bottom embedded 14 inches below the finished surface grade. We obtained an allowable bearing capacity of about 2,000 pounds per square foot for this foundation with a factor of safety of about 1.0 against a bearing capacity failure.


We believe you should consider a minimum factor of safety of about 1.5 and therefore recommend the bottoms of the foundations be embedded a minimum of 16 inches below the finished surface grade. For this placement we obtained a factor of safety of about 1.6 against a bearing capacity failure assuming a foundation width of 16 inches. We also recommend all bearing soils for the proposed foundations be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 2 feet below the bottoms of the foundations.

Provided suitable foundation width and embedment are provided, it is our opinion the subgrade soils at the area of investigation are suitable for an allowable soil bearing pressure of 2,000 pounds per square foot. Compaction of the bearing soils is recommended.

We appreciate the opportunity to be of service and look forward to a continued association. Please do not hesitate to contact us should you have questions.

Respectfully submitted,  
Cal-Tech Testing, Inc.

  
Linda Creamer  
President / CEO

  
John C. Dorman, Jr., Ph.D., P.E.  
Geotechnical Engineer 4/14/07

## **B-1**

Water Table: N/A

<u>Depth (ft)</u>	<u>Equivalent N-value</u>	<u>Soil Description</u>
0	10	Loose, Dark Tannish Gray SAND with SILT (SP/SM)
1	6	Loose, Light Grayish Tan SAND with SILT (SP/SM)
2	3	
3	7	Very Loose to Loose, Light Tannish Gray SAND (SP)
4	5	Loose, Tannish Gray and Orange, SLIGHTLY CLAYEY SAND (SC)
5	16	Medium Dense, Tannish Gray, Orange and Red, CLAYEY SAND (SC)
6		
6.0 ft. - Termination of Boring		

**Boring Log: Lake City Christian Academy  
Lake City, Florida**





## Cal-Tech Testing, Inc.

- Engineering
- Geotechnical
- Environmental

LABORATORIES

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

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

July 27, 2006

Lake City Christian Academy  
3035 S. W. Pinemount Road  
Lake City, Florida 32024

Attention: Tana Espenship

Reference: Prefabricated Buildings  
Lake City Christian Academy  
Lake City, Florida  
Cal-Tech Project No. 06-411

Dear Ms. Espenship,

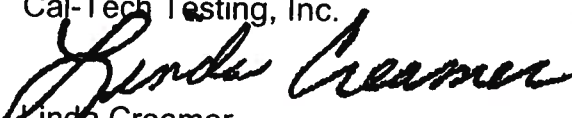
At your request, Cal-Tech Testing, Inc. has performed an investigation of foundation embedment provided for two prefabricated buildings recently placed at the referenced site. The purpose of our work was to determine if embedment provided for isolated footings used for the structures was sufficient to provide the required allowable bearing pressure of 2,000 pounds per square foot. Additionally, recommendations were to be provided as appropriate.

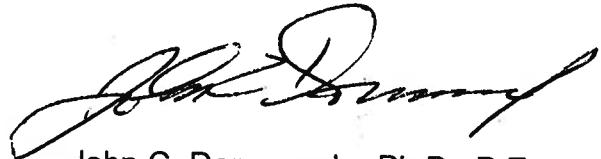
### Investigation

Both structures were investigated, and embedment was found to vary from about 12 to 14 inches. Based upon the subsurface conditions previously determined, the foundations used, and embedment of 12 to 14 inches, we obtained an allowable bearing pressure of 2,000 pounds per square foot with factors of safety on the order of 1.3 to 1.4. Based upon this finding, it is our opinion the foundations used are sufficient to provide the required support for the structures. We recommend all foundation excavations be backfilled to grade following placement of the utilities.

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

Respectfully submitted,  
Cal-Tech Testing, Inc.

  
Linda Creamer  
President / CEO

  
John C. Dorman, Jr., Ph.D., P.E.  
Geotechnical Engineer 7/27/06  
52612

# 24739

24739

NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

**\*\*\*THIS DOCUMENT MUST BE RECORDED AT THE COUNTY  
CLERK'S OFFICE BEFORE YOUR FIRST INSPECTION.\*\*\***

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 R02792-003

PERMIT NUMBER 000024738  
000024739

1. Description of property: (legal description of the property and street address or 911 address)

07-45-16 6200/6200 22.04 Acres Comm NE Cor,  
run S 56.08 ft to SW R/W CR-252, run W along R/W  
120.1 ft for POB, S. 1270.51 ft to S R/W of CR-252  
E-684.42 ft to POB, ORB 841-769

2. General description of improvement: 3 modular buildings set up  
as classrooms

3. Owner Name & Address Lake City Christian Academy  
3235 S.W. Pinemont L.C. FL 32024 Interest in Property School

4. Name & Address of Fee Simple Owner (if other than owner): Tana Espenship  
Board President

5. Contractor Name O'Neil Contracting Inc Phone Number (386) 752-7518  
Address P.O. Box 35157, Lake City, FL 32050

6. Surety Holders Name NA Phone Number \_\_\_\_\_

Address \_\_\_\_\_

Amount of Bond NA

Inst: 2006016720 Date: 07/13/2006 Time: 11:11

DC, P. DeWitt Cason, Columbia County B: 1089 P: 1798

7. Lender Name \_\_\_\_\_

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:

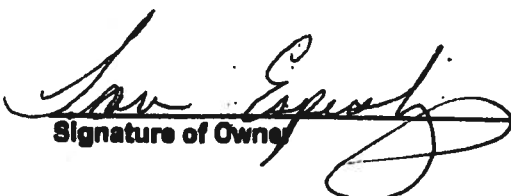
Name Tana Espenship Phone Number 386-623-4024  
Address 2903 S.W. Pinemont Road Lake City, FL 32024

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:**

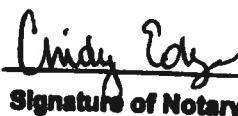
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

  
Signature of Owner

FDriver's License # E215-804-59-919-0

Sworn to (or affirmed) and subscribed before  
3th day of July, 20 06

NOTARY STAMP/SEAL

  
Signature of Notary



Cindy Edge  
Commission # DD308375  
Expires July 20, 2008  
Bonded Troy Fair - Insurance, Inc. 800-366-7018

NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

**\*\*\*THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERK'S OFFICE BEFORE YOUR FIRST INSPECTION.\*\*\***

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 1202792-003

PERMIT NUMBER 000024738  
000024739

1. Description of property: (legal description of the property and street address or 911 address)  
07-45-16 6200/6200 22.04 Acres Comm DE Cor,  
run S 56.08 ft to SR R/W CR-252, run W along R/W  
160.1 ft for POB, S. 1270.51 ft to S R/W of CR-252  
E-684.42 ft to POB, ORB 841-769

2. General description of Improvement: 3 modular buildings set up  
as classrooms

3. Owner Name & Address Lake City Christian Academy  
3035 S.W. Pinemount L.C. FL 32024 Interest in Property School

4. Name & Address of Fee Simple Owner (if other than owner): Tara Espenshiep  
Board President

5. Contractor Name O'Neil Contracting, Inc. Phone Number (386) 752-7578  
Address P.O. Box 35157, Lake City, FL 32050

6. Surety Holders Name NA Phone Number \_\_\_\_\_  
Address \_\_\_\_\_  
Amount of Bond NA Inst: 2006016720 Date: 07/13/2006 Time: 11:11  
b DC, P. DeWitt Cason, Columbia County B: 1089 P: 1798

7. Lender Name \_\_\_\_\_  
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 Tara Espenshiep Phone Number 386-623-4024  
Address 2903 S.W. Pinemount Road Lake City, FL 32024

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.

Tara Espenshiep  
Signature of Owner

Driver's License # E215-804-59-919-0

Sworn to (or affirmed) and subscribed before  
8th day of July, 2006

NOTARY STAMP/SEAL



Cindy Edge  
Commission # DD30837  
Expires July 20, 2008  
Bonded Troy Fair - Insurance, Inc. 800-385-71

Cindy Edge  
Signature of Notary

ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION  
Florida Department of Community Affairs

FLA/COM-97 Version 2.2

PROJECT NAME MDS005209  
ADDRESS: \_\_\_\_\_  
OWNER: GE CAPITAL MODULAR SPACE  
AGENT: \_\_\_\_\_

PERMITTING OFFICE:  
DUVAL COUNTY  
CLIMATE ZONE: 3  
PERMIT NO: \_\_\_\_\_  
JURISDICTION NO: 261000

BUILDING TYPE: Educational  
CONSTRUCTION CONDITION: New construction  
DESIGN COMPLETION: Finished Building  
CONDITIONED FLOOR AREA: 840  
MAX. TONNAGE OF EQUIPMENT PER SYSTEM: \_\_\_\_\_  
NUMBER OF ZONES: 1

COMPLIANCE CALCULATION:

METHOD B	DESIGN	CRITERIA	RESULT
-----	-----	-----	-----
ENVELOPE PERFORMANCE	62.85	72.11	PASSES
OTHER ENVELOPE REQUIREMENTS			PASSES
LIGHTING	175.20	518.03	PASSES
INTERIOR LIGHTING	0.00	75.00	PASSES
EXTERIOR LIGHTING			PASSES
LIGHTING CONTROL REQUIREMENTS			
HVAC EQUIPMENT			
COOLING EQUIPMENT	10.00	9.70	PASSES
1. SEER			
HEATING EQUIPMENT	1.00		N/A
1. Et			
AIR DISTRIBUTION SYSTEM INSULATION REQUIREMENTS	6.00	6.00	PASSES
1. Ventilated			
REHEAT SYSTEM TYPES USED			
NO REHEAT SYSTEM is USED			
WATER HEATING EQUIPMENT	1.50	0.92	PASSES
1. EF			
PIPING INSULATION REQUIREMENTS	1.00	1.00	PASSES
1. Non-Circulating w/o H			


COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.  
PREPARED BY: \_\_\_\_\_  
DATE: 6/4/01

I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.  
OWNER/AGENT: \_\_\_\_\_  
DATE: 6/4/01

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Efficiency Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, Florida Statutes.  
BUILDING OFFICIAL: \_\_\_\_\_  
DATE: \_\_\_\_\_

I hereby certify(\*) that the system design is in compliance with the Florida Energy Efficiency Code.

	SYSTEM DESIGNER	REGISTRATION/STATE
ARCHITECT :		AR000565
MECHANICAL:		1
PLUMBING :		
ELECTRICAL:		
LIGHTING :		

(\*) Signature is required where Florida law requires design to be performed by registered design professionals. Typed names and registration numbers may be used where all relevant information is contained on signed/sealed plans.  
=====



COMPLIANCE  
CHECK

-v-

—

11

— —

—

1

## CHECK

1

HVAC load sizing has been performed. (407.1.ABCD)

1

- -- 1 -

