

DATE 07/02/2004

**Columbia County Building Permit**

This Permit Expires One Year From the Date of Issue

**PERMIT****000022036**

APPLICANT JODY DUPREE PHONE 965-0783  
 ADDRESS 2430 SW BIRLEY ROAD LAKE CITY FL 32055  
 OWNER KOL HAMASHIACH CONGREGATION PHONE 965-0783  
 ADDRESS 2430 SW BIRLEY ROAD LAKE CITY FL 32055  
 CONTRACTOR J.L. DUPREE CONSTRUCTIO PHONE \_\_\_\_\_  
 LOCATION OF PROPERTY PINEMOUNT ROAD, TO BIRLEY, APPROXIMATELY 1 MILE ON RIGHT

TYPE DEVELOPMENT CD CHURCH ESTIMATED COST OF CONSTRUCTION 120000.00  
 HEATED FLOOR AREA 2400.00 TOTAL AREA 2797.00 HEIGHT .00 STORIES 1  
 FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB  
 LAND USE & ZONING A-3 MAX. HEIGHT 25  
 Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
 NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 08-4S-16-02814-099 SUBDIVISION \_\_\_\_\_  
 LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 5.00

CGC060631  
 Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number JK Applicant/Owner/Contractor \_\_\_\_\_  
 EXISTING 04-0647-N BK \_\_\_\_\_ JK \_\_\_\_\_  
 Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: FLOOR HEIGHT LETTER RECEIVED,NOC ON FILECOLSON/COUNTY ENGINEER APPROVED EXISTING DRIVEWAY & BILL FREEMAN/ENGALSO APPROVED EXISTING DRIVEWAYCheck # or Cash 6853**FOR BUILDING & ZONING DEPARTMENT ONLY**

(footer/Slab)

Temporary Power \_\_\_\_\_ date/app. by \_\_\_\_\_ Foundation \_\_\_\_\_ date/app. by \_\_\_\_\_ Monolithic \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Under slab rough-in plumbing \_\_\_\_\_ date/app. by \_\_\_\_\_ Slab \_\_\_\_\_ date/app. by \_\_\_\_\_ Sheathing/Nailing \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Framing \_\_\_\_\_ date/app. by \_\_\_\_\_ Rough-in plumbing above slab and below wood floor \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Electrical rough-in \_\_\_\_\_ date/app. by \_\_\_\_\_ Heat & Air Duct \_\_\_\_\_ date/app. by \_\_\_\_\_ Peri. beam (Lintel) \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Permanent power \_\_\_\_\_ date/app. by \_\_\_\_\_ C.O. Final \_\_\_\_\_ date/app. by \_\_\_\_\_ Culvert \_\_\_\_\_ date/app. by \_\_\_\_\_  
 M/H tie downs, blocking, electricity and plumbing \_\_\_\_\_ date/app. by \_\_\_\_\_ Pool \_\_\_\_\_ date/app. by \_\_\_\_\_  
 Reconnection \_\_\_\_\_ date/app. by \_\_\_\_\_ Pump pole \_\_\_\_\_ date/app. by \_\_\_\_\_ Utility Pole \_\_\_\_\_ date/app. by \_\_\_\_\_  
 M/H Pole \_\_\_\_\_ date/app. by \_\_\_\_\_ Travel Trailer \_\_\_\_\_ date/app. by \_\_\_\_\_ Re-roof \_\_\_\_\_ date/app. by \_\_\_\_\_

BUILDING PERMIT FEE \$ 600.00 CERTIFICATION FEE \$ 13.98 SURCHARGE FEE \$ 13.98  
 MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ \_\_\_\_\_ WASTE FEE \$ \_\_\_\_\_  
 FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 677.96

INSPECTORS OFFICE Yuse Ted CLERKS OFFICE CN

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

Please  
complete

**For Office Use Only** Application # 0408-28 Date Received 6/16/04 By JW Permit # 22036  
 Application Approved by - Zoning Official LH Date 6-23-04 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A6  
 Comments 175

Applicants Name KOL HAMASNIACH CONGREGATION J.L. Dupree Const. Inc Phone 965-0783  
 Address 2430 SW BIRLEY RD. LAKE CITY FL.  
 Owners Name KOL HAMASNIACH Congregation Phone 965-0783  
 911 Address 2430 SW BIRLEY RD.  
 Contractors Name J.L. DUPREE CONSTRUCTION SERVICES, INC Phone 754-5678  
 Address P.O. BOX 2861 LAKE CITY FL. 32056  
 Fee Simple Owner Name & Address \_\_\_\_\_  
 Bonding Co. Name & Address \_\_\_\_\_  
 Architect/Engineer Name & Address FREEMAN DESIGN GROUP 758-4209  
 Mortgage Lenders Name & Address \_\_\_\_\_

Property ID Number 08-4s-16-02814-099 Estimated Cost of Construction 94,490.00  
 Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
 Driving Directions PINEMOUNT RD. TO BIRLEY RD. GO SOUTH ON BIRLEY RD  
APPROX. 1 MILE CHURCH ON RIGHT

Type of Construction COMMERCIAL - CHURCH Number of Existing Dwellings on Property 1  
 Total Acreage 5 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Driv  
 Actual Distance of Structure from Property Lines - Front 216 Side \_\_\_\_\_ Side 58 Rear 1521  
 Total Building Height 25' Number of Stories 1 Heated Floor Area 2400 Roof Pitch 6:12

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.**

A.L. Dupree  
 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 \_\_\_\_\_

A.L. Dupree  
 Contractor Signature  
 Contractors License Number CG-C060631  
 Competency Card Number \_\_\_\_\_

NOTARY STAMP/SEAL

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

#-5431



Engineers • Planners

161 N.W. Madison St., Suite 102  
Lake City, Florida 32055  
Tel: 386-758-4209  
Fax: 386-758-4290

John Kerce,  
Building Department  
Columbia County

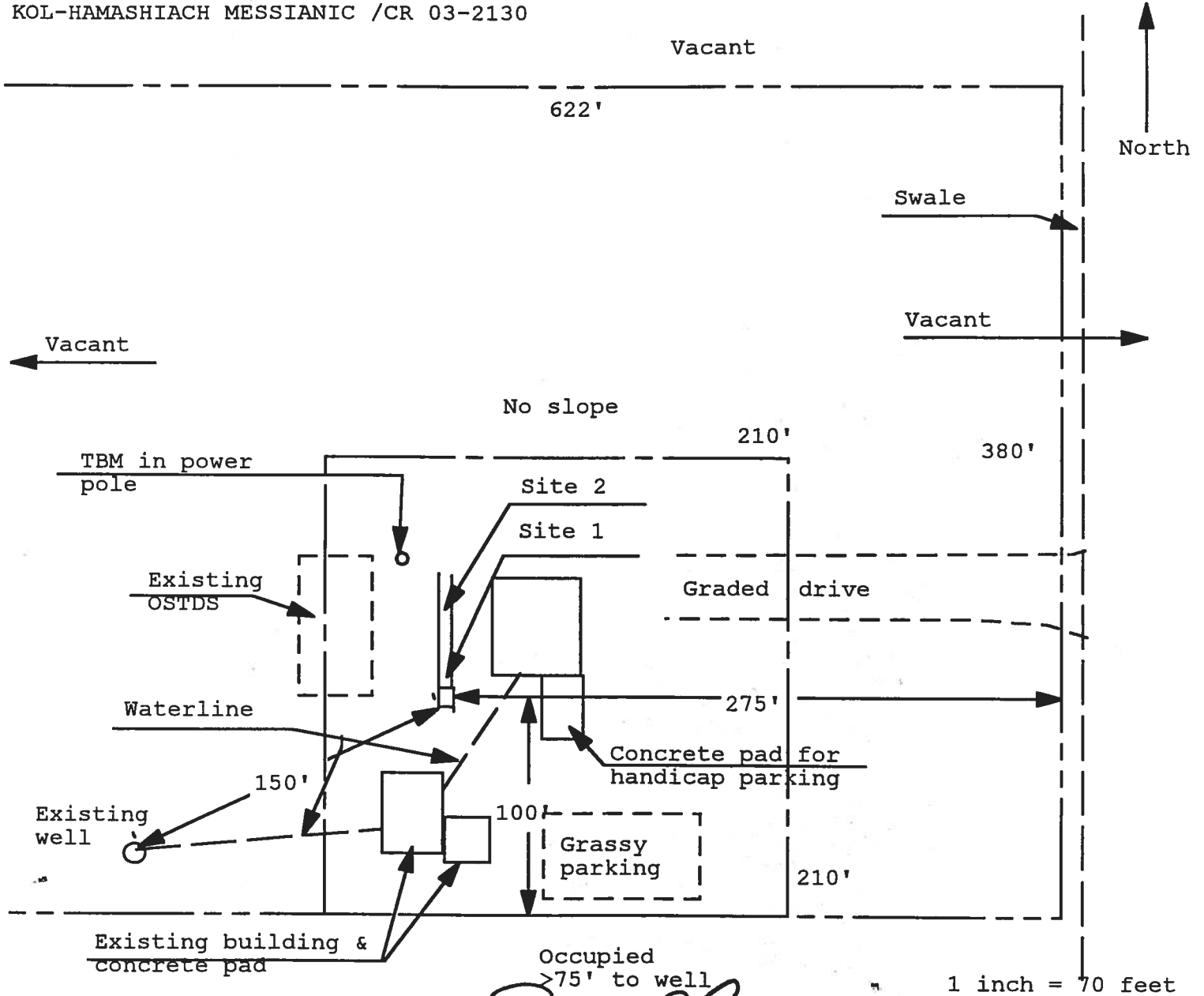
John Colson asked that you call him for verification of the need for widening the driveway. I was told that the driveway would be fine but John Colson needs to speak directly with you.

Bill Freeman, P.E.  
Freeman Design Group, Inc.

Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan  
Permit Application Number: 04-0647N

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT**

KOL-HAMASHIACH MESSIANIC /CR 03-2130



Site Plan Submitted By Paul L. Lapp Date 6/8/04  
Plan Approved Paul L. Lapp Not Approved Salhi Maddy Date 6/8/04  
By Paul L. Lapp Salhi Maddy CPHU  
Notes: ESI - COLUMBIA

PERMIT# \_\_\_\_\_

**NOTICE OF COMMENCEMENT**

STATE OF: FLORIDA

COUNTY OF: COLUMBIA

CITY OF: \_\_\_\_\_

\*\*\*\*\*  
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.  
\*\*\*\*\*

**DESCRIPTION OF PROPERTY**

SECTION: 08 TOWNSHIP: 4s RANGE: 16 TAX PARCEL #: 08-4s-16-02814-99  
LOT: \_\_\_\_\_ BLOCK: \_\_\_\_\_ SUBDIVISION: \_\_\_\_\_  
PLATBOOK #: \_\_\_\_\_ MAP PAGE #: \_\_\_\_\_  
STREET ADDRESS: \_\_\_\_\_  
\*\*\*\*\*

**GENERAL DESCRIPTION OF IMPROVEMENT**

TO CONSTRUCT: \_\_\_\_\_  
\*\*\*\*\*

**OWNER INFORMATION**

NAME: KOL HAMASHIACH MESSIANIC CONGREGATION PHONE NUMBER: 965-0783  
ADDRESS: 2430 SW BIRLEY RD. LAKE CITY, FL.  
STATE: FLORIDA ZIP CODE: 32055  
INTEREST IN THE PROPERTY: \_\_\_\_\_  
FEE SIMPLE TITLEHOLDER NAME (OTHER THAN OWNER): \_\_\_\_\_  
FEE SIMPLE TITLEHOLDER ADDRESS: \_\_\_\_\_  
\*\*\*\*\*

CONTRACTOR NAME: J.L. DUPREE PHONE NUMBER: 386-754-5678  
COMPANY NAME: J.L. DUPREE CONSTRUCTION SERVICES, INC. FAX NUMBER: 386-754-5431  
ADDRESS: P.O. BOX 2861  
STATE: FLORIDA ZIP CODE: 32056 CITY: LAKE CITY

BONDING COMPANY: N/A PHONE NUMBER: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ FAX NUMBER: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

LENDER NAME: P.T. Bridwell Revocable Trust PHONE NUMBER: 362-5295  
ADDRESS: 9277 141st LN FAX NUMBER: \_\_\_\_\_  
CITY: Live Oak STATE: FL ZIP CODE: 32060  
\*\*\*\*\*

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), Florida Statute:

NAME: N/A ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_  
In addition to himself, the owner designates N/A of \_\_\_\_\_

To receive a copy of the Lienor's notice as provided in Section 713.13(1)(b) Florida Statutes.  
\*\*\*\*\*

Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified): \_\_\_\_\_

SIGNATURE OF OWNER: Debra Bloomfield  
Sworn to and subscribed before me this 15th day of June, 2004.  
Known personally/I.D. Shown

Notary: Shannon M. Regan My commission expires: Oct 03, 04

Shannon M Regan  
My Commission CC972541  
Expires October 03, 2004



Engineers • Planners

161 N.W. Madison St., Suite 102  
Lake City, Florida 32055  
Tel: 386-758-4209  
Fax: 386-758-4290

June 28, 2004

Columbia County Building and Zoning

RE: Kol Hamashiack Messianic Congregation.

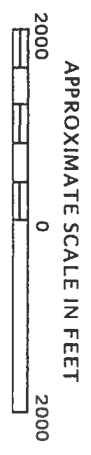
To whom it may concern:

I have reviewed the Flood Insurance Rate Map and have determined the property is not located in a flood zone. I have performed a site evaluation for the proposed structure. I certify that placing the finished floor elevation at least 12" above grade is adequate to prevent flood and water damage. Grade the perimeter so that all runoff drains away from the building.

Sincerely,

William H. Freeman, P.E.  
President

0408-28



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

COLUMBIA  
COUNTY,  
FLORIDA  
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



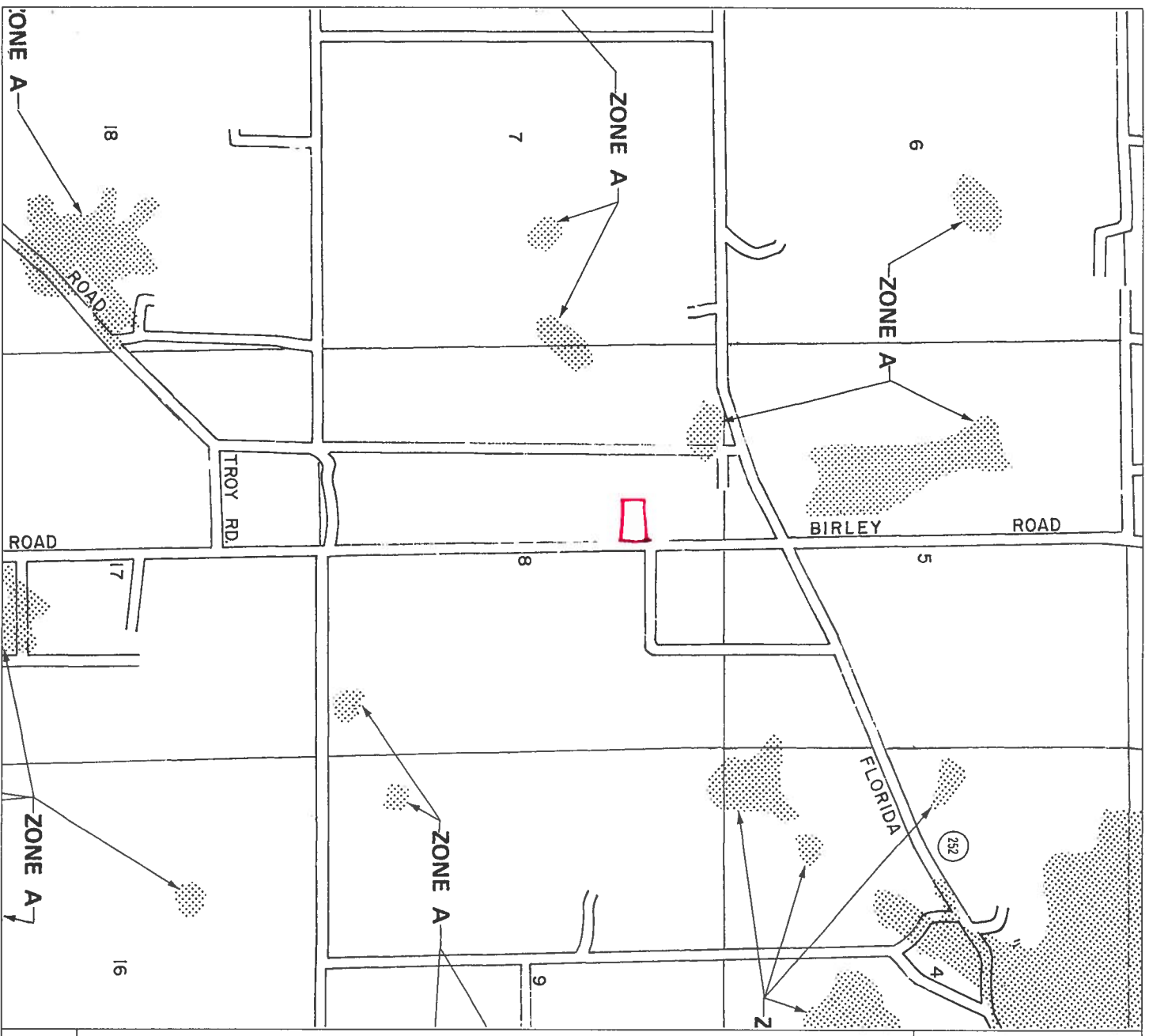
COMMUNITY-PANEL NUMBER  
120070 0175 B

EFFECTIVE DATE:  
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at [www.fema.gov/mit/iscd](http://www.fema.gov/mit/iscd).



SALE - 5 AC BOUGHT UNDER AG (JOINS OTHER ACREAGE)



**COLUMBIA COUNTY 9-1-1 ADDRESSING**

263 NW 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: June 4, 2004

ENHANCED 9-1-1 ADDRESS:

2430 SW BIRLEY AVE (LAKE CITY, FL 32024)Addressed Location 911 Phone Number: NAOCCUPANT NAME: NA

OCCUPANT CURRENT MAILING ADDRESS: \_\_\_\_\_

PROPERTY APPRAISER MAP SHEET NUMBER: 23PROPERTY APPRAISER PARCEL NUMBER: 08-4S-16-02814-099

Other Contact Phone Number (If any): \_\_\_\_\_

Building Permit Number (If known): \_\_\_\_\_

Remarks: 2<sup>ND</sup> LOCATION ON PARCELAddress Issued By: 

Columbia County 9-1-1 Addressing Department

**COLUMBIA COUNTY  
9-1-1 ADDRESSING  
APPROVED**

## **COLUMBIA COUNTY 9-1-1 ADDRESSING**

263 NW 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

### **Posting of Address Numbers in accordance with Ordinance 2001-9, Section 5:**

- A. Principal Buildings (residence, apartment building or "In Town" business) shall display the assigned address number made of Arabic numerals not less than 3 inches in height and 1 ½ inches in width of a contrasting color to the background on which affixed, as near to the front entrance as possible and practical so that the number is visible and legible from the sidewalk (if any), the public or private way on which the principal building fronts and the opposite side of the public or private way, day or night.**
- B. Private Lane and Long Driveways: for any principal building (residence, apartment building or business) (except malls or shopping centers) located so that the address number is not clearly legible and visible from the public or private way, shall post an additional set of numbers at the intersection of the driveway to the principal building at the public or private way. The additional address number shall be made up of Arabic numerals not less than 3 inches in height and 1-1/2 inches in width. Numbers shall be contrasting in color with the background on which they are affixed, visible day or night, and placed upon a post or other structure which displays the number so it is visible and legible to emergency services personnel approaching from either direction along the public or private way.**
- C. Industrial and Commercial Structures in Low Density Areas: All industrial and commercial structures located in low-density development areas (areas in which small residential style address numbers are not visible from the public or private way) shall display address numbers of not less than 10 inches in height. The numbers shall contrast in color with the background on which they are affixed and shall be visible and legible day or night from the public or private way. When possible, the number shall be displayed beside or over the main entrances of the structure.**
- D. Apartment Buildings and High-Rises: All apartment buildings and high-rises style principal buildings shall display address numbers above or to the side of the primary entrance to the Addressed location. Numbers shall contrast with the color of the background to which they are affixed, and shall be at least 6 inches in height and visible and legible day or night. Apartment numbers for individual units within the complex shall be displayed on, above, or to the side of the doorway of each unit. Assigned number shall be displayed on each separate front entrance in the case of a principal building which is occupied by more than one business or family dwelling unit.**
- E. Any different numbers, which might be mistaken for or confused with the numbers assigned in accordance with the "Numbering System", shall be removed upon proper display of the assigned address number.**
- F. The responsibility of placement and maintenance of the building address numbers is that of the occupant or property owner.**

# **ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

**Florida Department of Community Affairs**

**EnergyGauge FlaCom v1.22 FORM 400A-2001**

**Whole Building Performance Method for Commercial Buildings**

**Jurisdiction:** COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

**Short Desc:** Assembly

**Project:** New Assembly Hall

**Owner:** Kol Hamashiach Messianic Congregation

**Address:** Birley Road  
P.O. Box 3729

**City:** Lake City

**State:** FL

**PermitNo:** 0 22036

**Zip:** 32055

**Storeys:** 1

**Type:** Assembly

**GrossArea:** 2387

**Class:** New Finished building

**Net Area:** 2387

**Max Tonnage:** 5 (if different, write in)

## **Compliance Summary**

<b>Component</b>	<b>Design</b>	<b>Criteria</b>	<b>Result</b>
Gross Energy Use	75.35	100.00	<b>PASSES</b>
Other Envelope Requirements - A			<b>PASSES</b>
LIGHTING CONTROLS			<b>PASSES</b>
EXTERNAL LIGHTING			<b>PASSES</b>
HVAC SYSTEM			<b>PASSES</b>
PLANT			<b>PASSES</b>
WATER HEATING SYSTEMS			<b>PASSES</b>
PIPING SYSTEMS			<b>PASSES</b>
Met all required compliance from Check List?			<b>Yes/No/NA</b>

***IMPORTANT NOTE: An input report Print-Out from EnergyGauge FlaCom of this design building must be submitted along with this Compliance Report.***

**COMPLIANCE CERTIFICATION:**

<p>I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.</p> <p><b>PREPARED BY:</b> <u>William H. Freeman</u></p> <p><b>DATE:</b> <u>6/15/04</u></p> <p>I hereby certify that this building is in compliance with the Florida Energy Efficiency Code.</p> <p><b>OWNER AGENT:</b> <u>Kol Hamashiach Messianic</u></p> <p><b>DATE:</b> _____</p>	<p>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 in accordance with Section 553.908, F.S.</p> <p><b>BUILDING OFFICIAL:</b> _____</p> <p><b>DATE:</b> _____</p>																		
<p>If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.</p> <table><thead><tr><th></th><th></th><th><b>REGISTRATION No.</b></th></tr></thead><tbody><tr><td><b>ARCHITECT :</b></td><td><u>William H. Freeman</u></td><td><u>PE #56001</u></td></tr><tr><td><b>ELECTRICAL SYSTEM DESIGNER</b></td><td><u>William H. Freeman</u></td><td><u>PE #56001</u></td></tr><tr><td><b>LIGHTING SYSTEM DESIGNER:</b></td><td><u>William H. Freeman</u></td><td><u>PE #56001</u></td></tr><tr><td><b>MECHANICAL SYSTEM DESIGNER:</b></td><td><u>William H. Freeman</u></td><td><u>PE #56001</u></td></tr><tr><td><b>PLUMBING SYSTEM DESIGNER:</b></td><td><u>William H. Freeman</u></td><td><u>PE#56001</u></td></tr></tbody></table>				<b>REGISTRATION No.</b>	<b>ARCHITECT :</b>	<u>William H. Freeman</u>	<u>PE #56001</u>	<b>ELECTRICAL SYSTEM DESIGNER</b>	<u>William H. Freeman</u>	<u>PE #56001</u>	<b>LIGHTING SYSTEM DESIGNER:</b>	<u>William H. Freeman</u>	<u>PE #56001</u>	<b>MECHANICAL SYSTEM DESIGNER:</b>	<u>William H. Freeman</u>	<u>PE #56001</u>	<b>PLUMBING SYSTEM DESIGNER:</b>	<u>William H. Freeman</u>	<u>PE#56001</u>
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(\*) 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.

**Project:** Assembly  
**Title:** New Assembly Hall  
**Type:** Assembly  
**Location:** COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)  
**(WEA File:** JACKSONVILLE.TMY)

### Whole Building Compliance

	Design	Reference
<b>Total</b>	75.35	100.00
<b>ELECTRICITY</b>	75.35	100.00
<b>AREA LIGHTS</b>	13.38	31.26
<b>MISC EQUIPMT</b>	2.78	2.78
<b>PUMPS &amp; MISC</b>	0.20	0.20
<b>SPACE COOL</b>	20.35	27.12
<b>VENT FANS</b>	38.64	38.64

**Credits & Penalties (if any): Modified Points: = 75.36**

**PASSES**

**Project:** Assembly  
**Title:** New Assembly Hall  
**Type:** Assembly  
**Location:** COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)  
**(WEA File:** JACKSONVILLE.TMY)

### Other Envelope Requirements

Item	Zone	Description	Design	Limit	Meet Req.
Pr0Zo1Rf1	Pr0Zo1	Exterior Roof - Max Uo Limit	0.03	0.09	Yes
Pr0Zo2Rf1	Pr0Zo2	Exterior Roof - Max Uo Limit	0.03	0.09	Yes

**Meets Other Envelope Requirements**

**Project:** Assembly  
**Title:** New Assembly Hall  
**Type:** Assembly  
**Location:** COLUMBIA COUNTY, COLUMBIA COUNTY,  
 FL (221000)  
**(WEA File:** JACKSONVILLE.TMY)

### External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Entrance (w/ Canopy) Light traffic-hospital, office, school etc	4.00	400.0	1.600	1.000
Ext Light 2	Exit (with or without Canopy)	25.00	5.0	125	100
Ext Light 3	Exit (with or without Canopy)	25.00	5.0	125	100
Ext Light 4	Exit (with or without Canopy)	25.00	5.0	125	100

**Design:** 1300 (W)  
**Allowance:** 1975 (W)

**PASSES**

**Project:** Assembly  
**Title:** New Assembly Hall  
**Type:** Assembly  
**Location:** COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)  
**(WEA File:** JACKSONVILLE.TMY)

### Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli- ance
Pr0Zo1Sp1	56	Church, Synagogue, Chapel - Worship/Congregational	80	1	36	36	PASSES
Pr0Zo1Sp2	4	Electrical Mechanical Equipment Room - General	36	1	4	4	PASSES
Pr0Zo2Sp1	2	Corridor	51	1	10	10	PASSES
Pr0Zo2Sp2	13	Toilet and Washroom	50	1	6	6	PASSES
Pr0Zo2Sp3	28	Offices (Partitions>4.5 ft below ceiling) Enclosed offices, all open plan offices without partitions	144	1	2	2	PASSES
Pr0Zo2Sp4	3	Classroom/Lecture Hall	162	1	4	4	PASSES

**PASSES**

**Project:** Assembly  
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**(WEA File:** JACKSONVILLE.TMY)

### System Report Compliance

<b>Pr0Sy1</b>	<b>System 1</b>	<b>Constant Volume Air Cooled Single Package System &lt; 65000 Btu/hr</b>					<b>No. of Units</b>	<b>1</b>
<b>Component</b>	<b>Category</b>	<b>Capacity</b>	<b>Design Eff</b>	<b>Eff Criteria</b>	<b>Design IPLV</b>	<b>IPLV Criteria</b>	<b>Comp- liance</b>	
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		10.00	9.70	8.00		<b>PASSES</b>	
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.80			<b>PASSES</b>	
<b>Pr0Sy2</b>	<b>System 2</b>	<b>Constant Volume Air Cooled Single Package System &lt; 65000 Btu/hr</b>					<b>No. of Units</b>	<b>1</b>
<b>Component</b>	<b>Category</b>	<b>Capacity</b>	<b>Design Eff</b>	<b>Eff Criteria</b>	<b>Design IPLV</b>	<b>IPLV Criteria</b>	<b>Comp- liance</b>	
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		10.00	9.70	8.00		<b>PASSES</b>	
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.80			<b>PASSES</b>	
								<b>PASSES</b>

### Plant Compliance

<b>Description</b>	<b>Installed No</b>	<b>Size</b>	<b>Design Eff</b>	<b>Min Eff</b>	<b>Design IPLV</b>	<b>Min IPLV</b>	<b>Category</b>	<b>Comp liance</b>
								<b>None</b>

**Project:** Assembly  
**Title:** New Assembly Hall  
**Type:** Assembly  
**Location:** COLUMBIA COUNTY, COLUMBIA COUNTY,  
 FL (221000)  
**(WEA File:** JACKSONVILLE.TMY)

### Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
Water Heater 1	Storage Water Heater - Electric	<=120 [gal] & <= 12 [kW]	0.92	0.90			PASSES

**PASSES**

### Piping System Compliance

Category	Pipe Dia [inches]	Is Runout?	Operating Temp [F]	Ins Cond [Btu-in/hr .SF.F]	Ins Thick [in]	Req Ins Thick [in]	Compliance
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**None**



**Project: Assembly**  
**Title: New Assembly Hall**  
**Type: Assembly**  
**Location: COLUMBIA COUNTY, COLUMBIA COU**

### Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Infiltration	406.1	Infiltration Criteria have been met	<input type="checkbox"/>
System	407.1	HVAC Load sizing has been performed	<input type="checkbox"/>
Ventilation	409.1	Ventilation criteria have been met	<input type="checkbox"/>
ADS	410.1	Duct sizing and Design have been performed	<input type="checkbox"/>
T & B	410.1	Testing and Balancing will be performed	<input type="checkbox"/>
Electrical	413.1	Metering criteria have been met	<input type="checkbox"/>
Motors	414.1	Motor efficiency criteria have been met	<input type="checkbox"/>
Lighting	415.1	Lighting criteria have been met	<input type="checkbox"/>
O & M	102.1	Operation/maintenance manual will be provided to owner	<input type="checkbox"/>
Roof/Ceil	404.1	R-19 for Roof Deck with supply plenums beneath it	<input type="checkbox"/>
Report	101	Input Report Print-Out from EnergyGauge FlaCom attached?	<input type="checkbox"/>



## 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

July 1, 2004

J. L. Dupree  
3000 East U. S. Highway 90  
Lake City, Florida 32024

Reference: Bearing Capacity Evaluation  
Kol Hamashiach Messianic Congregation Building Site  
Columbia County, Florida  
Cal-Tech Project No. 04-328

Dear Mr. Dupree,

Cal-Tech Testing, Inc. has completed a subsurface investigation and engineering evaluation of foundation bearing soils at the referenced building site in Columbia County, Florida. The purposes of our investigation were to determine the general subsurface conditions at the site and to evaluate the suitability of the existing site soils for an allowable bearing capacity of 2,000 psf.

We understand a masonry and wood frame building is proposed, and support for the building is to be provided by conventional, shallow spread footings.

### Site Investigation

The subsurface conditions were investigated by performing two Standard Penetration test borings advanced to depths of 7 feet. The boring were performed at the approximate locations indicated on the attached Location Plan. These locations were selected by Cal-Tech Testing, Inc., and the building limits were staked on site.

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

### Findings

The soil borings generally encountered two soil strata. The first layer consists of about 4.5 feet of generally very loose, gray, tannish gray to white sand (SP), sand with silt (SP/SM) or silty sand (SM). The N-values of this layer are on the order of 2 to 4 blows per foot.

The second layer consists of an undetermined thickness of loose to medium dense, gray, tan and orange, clayey sand (SC). The N-values for this layer range from 4 to 14 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.

### Discussion

We have performed a bearing capacity analysis for the subgrade soils at the specific locations of the borings. We have assumed an 18-inch strip foundation the bottom of which is embedded 16 inches below the existing surface grade. We obtained an allowable bearing capacity of 2,000 pounds per square foot for this foundation with a factor of safety of about 1.4 against a bearing capacity failure.

For the assumed foundation, the site soils are suitable for an allowable bearing pressure of 2,000 pounds per square foot; however, we recommend you improve the bearing soils to provide a higher factor of safety. We recommend thorough compaction of the bearing soils as described below.

The site soils appear generally to be very loose to a depth of about 4.5 feet. For these conditions we recommend the building limits and at least 3 feet beyond be stripped of grass, roots and other deleterious materials. Excavation should then be performed as required to establish the appropriate foundation and floor grades. This area should then be proof-rolled using heavy, rubber-tired equipment (a large, loaded, front-end loader, for example). The subgrade should then be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of at least 2 feet below the bottoms of foundations and 1 foot below the bottoms of floor slabs.

Preparation of the site as described above should increase the factor of safety to more than 2.0 and significantly reduce the likelihood of detrimental foundation settling.

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 concerning this report or if we may be of further assistance.

Respectfully submitted,  
Cal-Tech Testing, Inc.



Linda Creamer  
President / CEO



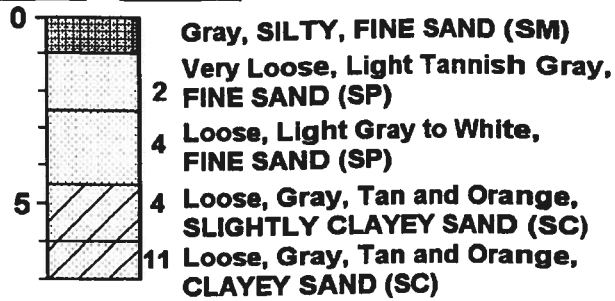
John C. Dorman, Jr., Ph.D., P.E.  
Geotechnical Engineer 7/1/04

52612

## B-1

Water Table: N/A

Depth (ft)    N-value    Soil Description

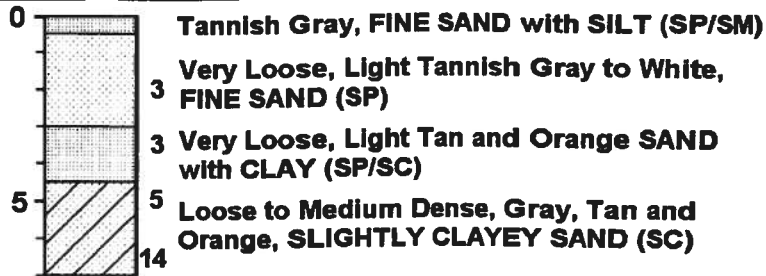


7.0 ft. - Termination of Boring

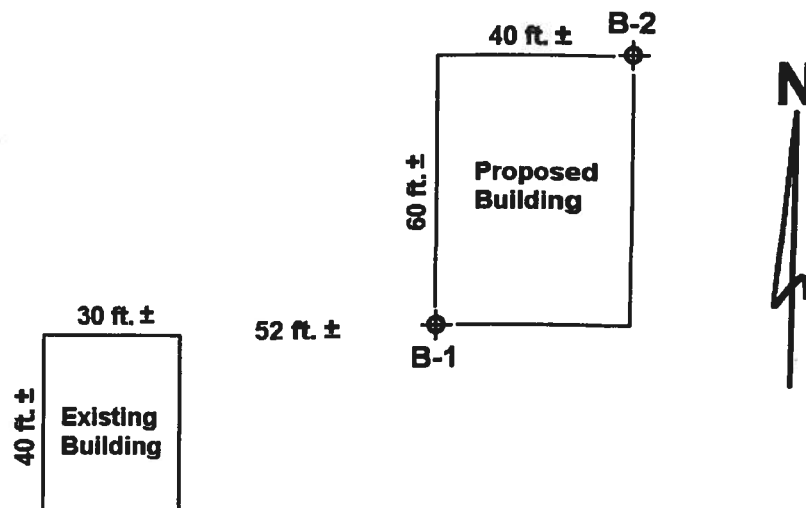
## B-2

Water Table: N/A

Depth (ft)    N-value    Soil Description



7.0 ft. - Termination of Boring



**Boring Location Plan and Logs: Kol Hamashiach  
Messianic Congregation  
Columbia County, Florida**

# COLUMBIA COUNTY OFFICE OF OCCUPANCY

## COLUMBIA COUNTY, FLORIDA

### Department of Building and Zoning Inspection

*This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.*

Parcel Number 08-4S-16-02814-099

Building permit No. 000022036

Use Classification CD CHURCH

Fire: .00

Permit Holder J.L. DUPREE CONSTRUCTION

Waste: .00

Owner of Building KOL HAMASHIACH CONGREGATION

Total: .00

Location: 2430 SW BIRLEY ROAD, LAKE CITY, FL 32055

Date: 11/12/2004

*Tony Dickel*

Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)

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## COLUMBIA COUNTY, FLORIDA

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Waste: .00

Owner of Building KOL HAMASHIACH CONGREGATION

Total: .00

Location: 2430 SW BIRLEY ROAD, LAKE CITY, FL 32055

Date: 12/01/2004

*Fanny Tricke*

Building Inspector



POST IN A CONSPICUOUS PLACE  
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## COLUMBIA COUNTY, FLORIDA

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Waste: .00

Owner of Building KOL HAMASHIACH CONGREGATION

Total: .00

Location: 2430 SW BIRLEY ROAD, LAKE CITY, FL 32055

Date: 12/01/2004

*Harry Bickel*

Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)

11.953

## Notice of Treatment

**Applicator** Florida Pest Control & Chemical Co.

**Address** 578 St. Andrew

**City** Lake City **Phone** 827-7073

**Site Location** **Subdivision**

**Lot#**  **Block#**  **Permit#** DDC36

**Address** 2430 SW Highway 101

### AREAS TREATED

Area Treated	Date	Time	Gal.	<u>Print Technician's</u> <u>Name</u>
Main Body	2/19/04	3:00	400	TRAVIS
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 15 %

**Remarks**