DATE 11/21/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000023878

APPLICANT ROBERT SULLIVAN PHONE 965-1261

ADDRESS 1205 SW MT CARMEL AVE LAKE CITY FL 32024

OWNER MOUNT CARMEL BAPTIST CHURCH OF LAKE CITY PHONE 965-1261

ADDRESS 1205 SW MT CARMEL AVE LAKE CITY FL 32024

CONTRACTOR KARL R. WEISS PHONE 850-584-5624

LOCATION OF PROPERTY 247 S, L TROY ST, AT DEAD END AT MT CARMEL AVE, SEE CHURCH ACROSS ROAD

TYPE DEVELOPMENT CHURCH ESTIMATED COST OF CONSTRUCTION 493000.00

HEATED FLOOR AREA _____ TOTAL AREA 8750.00 HEIGHT 14.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING RR MAX. HEIGHT 35

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

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 09-4S-16-02826-000 SUBDIVISION _____

LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 4.36

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
		CBC059554		
EXISTING	X05-0259	BK	JK	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: LETTER OF AUTHORIZATION GIVEN,
REF PERMIT # 23663 FOR THE FOUNDATION ONLY, THIS PERMIT FOR STRUCTURE

Check # or Cash 187

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 $ 2195.00 CERTIFICATION FEE $ 43.75 SURCHARGE FEE $ 43.75

MISC. FEES $ .00 ZONING CERT. FEE $ 50.00 FIRE FEE $ .00 WASTE FEE $ _____

FLOOD DEVELOPMENT FEE $ _____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ _____ **TOTAL FEE** 2357.50

INSPECTORS OFFICE _____ CLERKS OFFICE CH

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 9-23-04

For Office Use Only Application # 0508-96 Date Received 8-25-05 By LH Permit # 23878 FOUNDATION 23663

Application Approved by - Zoning Official BLK Date 23.09.05 Plans Examiner JK Date 11-10-05

Flood Zone X Development Permit N/A Zoning RR Land Use Plan Map Category RES, LOW DEN

Comments

Need- EH, NOC

Applicants Name Mt Carmel Baptist Church Phone 386-965-1261

Address 1205 SW Mt Carmel Ave Lake City Florida 32060 24

Owners Name Mount Carmel Baptist Church of Lake City, Inc Phone

911 Address 1205 SW MT. Carmel Ave Lake City fl 32024

Contractors Name Karl R. Weiss / Weiss Construction Co Phone 850-584-5624

Address P O Box 912 / 209 W Green St. Perry Fl 32348

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address 850-584-3887

Architect/Engineer Name & Address R W Meissner + Associates, Inc 216 W main St Perry Fl 32347

Mortgage Lenders Name & Address

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy

Property ID Number 02826-000 (09-4S-16) Estimated Cost of Construction 61,000 - Slab 493,000 - Building

Subdivision Name — Lot ___ Block ___ Unit ___ Phase ___

Driving Directions 247 S, L SW Troy St - follow to Dead end at Church at MT. Carmel Ave

Type of Construction Metal Building Number of Existing Dwellings on Property ___

Total Acreage 4.36 Lot Size ___ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 178.3' Side 184.7'R Side BORDER CHURCH Cemetery L Rear 93.6'

Total Building Height 14' Number of Stories 1 Heated Floor Area 8750 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 COMMENCMENT 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)

Contractor Signature: Karl R Weiss

Contractors License Number CBC059554

Competency Card Number N/A

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 22nd day of August 2005.

Personally known ✓ or Produced Identification ___

NOTARY STAMP/SEAL

Barbara C Baumgardner

Notary Signature

BARBARA C. BAUMGARDNER
MY COMMISSION # DD 141942
EXPIRES: August 13, 2006
Bonded Thru Pichard Insurance Agency

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

JOB NO.: 05-562
DATE TESTED: 10-21-2005
DATE REPORTED: 10-25-2005

REPORT OF IN-PLACE DENSITY TEST

PROJECT: Mt. Carmel Baptist Church New Building
CLIENT: Mt. Carmel Baptist Church New Building, 1205 SW Mt. Carmel Ave, Lake City, Fl 32055
GENERAL CONTRACTOR: Mt. Carmel Baptist Church
EARTHWORK CONTRACTOR: Mt. Carmel Baptist Church
INSPECTOR: Mike Stalvey

ASTM METHOD	SOIL USE
(D-2922) Nuclear	BUILDING FILL

SPECIFICATION REQUIREMENTS: 95%

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft^3)	MOISTURE PERCENT	DRY DENSITY (lb/ft^3)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	18'S X 24'W of NE Corner of PAD	0-12"	115.5	5.5	109.4	1	107.9	101.4%
2	12'N X 18'W of SE Corner of PAD	0-12"	115.3	6.0	108.7	1	107.9	100.7%
3	15"N X 18'E of SW Corner of PAD	0-12"	115.6	5.9	109.1	1	107.9	101.1%
4	15'S X 21'E of NW Corner of PAD	0-12"	115.0.	5.4	109.1	1	107.9	101.1%
5	Center of PAD	0-12"	115.7	5.5	109.6	1	107.9	101.6%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS

PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
1	Light Tan Sand(Charles Peeler's Pit	107.9	11.0	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer

Linda M. Creamer
President - CEO
smw

Reviewed By:

Date: 10/26/05
Florida Registration No: 52612

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

"Excellence in Engineering & Geoscience"

Columbia County Property Appraiser

DB Last Updated: 8/3/2005

2005 Proposed Values

Parcel: 09-4S-16-02826-000 02

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	MOUNT CARMEL BAPTIST CHURCH OF
Site Address	RT 5 BX 539
Mailing Address	LAKE CITY INC 1205 SW MOUNT CARMEL AVE LAKE CITY, FL 32024
Brief Legal	BEG NE COR OF NE1/4 OF SW1/4, RUN S 217 FT, W 417.43 FT, N 477 FT, E 392.18 FT TO W R/W

Use Desc. (code)	CHURCHES (007100)
Neighborhood	9416.00
Tax District	3
UD Codes	MKTA06
Market Area	06
Total Land Area	4.850 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$24,444.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (3)	$202,233.00
XFOB Value	cnt: (1)	$1,200.00
Total Appraised Value		$227,877.00

Just Value		$227,877.00
Class Value		$0.00
Assessed Value		$227,877.00
Exempt Value	(code: 02)	$227,877.00
Total Taxable Value		$0.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1960	Conc Block (15)	1398	1714	$47,499.00
2	CHURCH (009100)	1960	Conc Block (15)	7284	7756	$121,303.00
3	CHURCH (009100)	1960	Conc Block (15)	1260	2126	$33,431.00
	Note: All S.F. calculations are based on exterior building dimensions.					

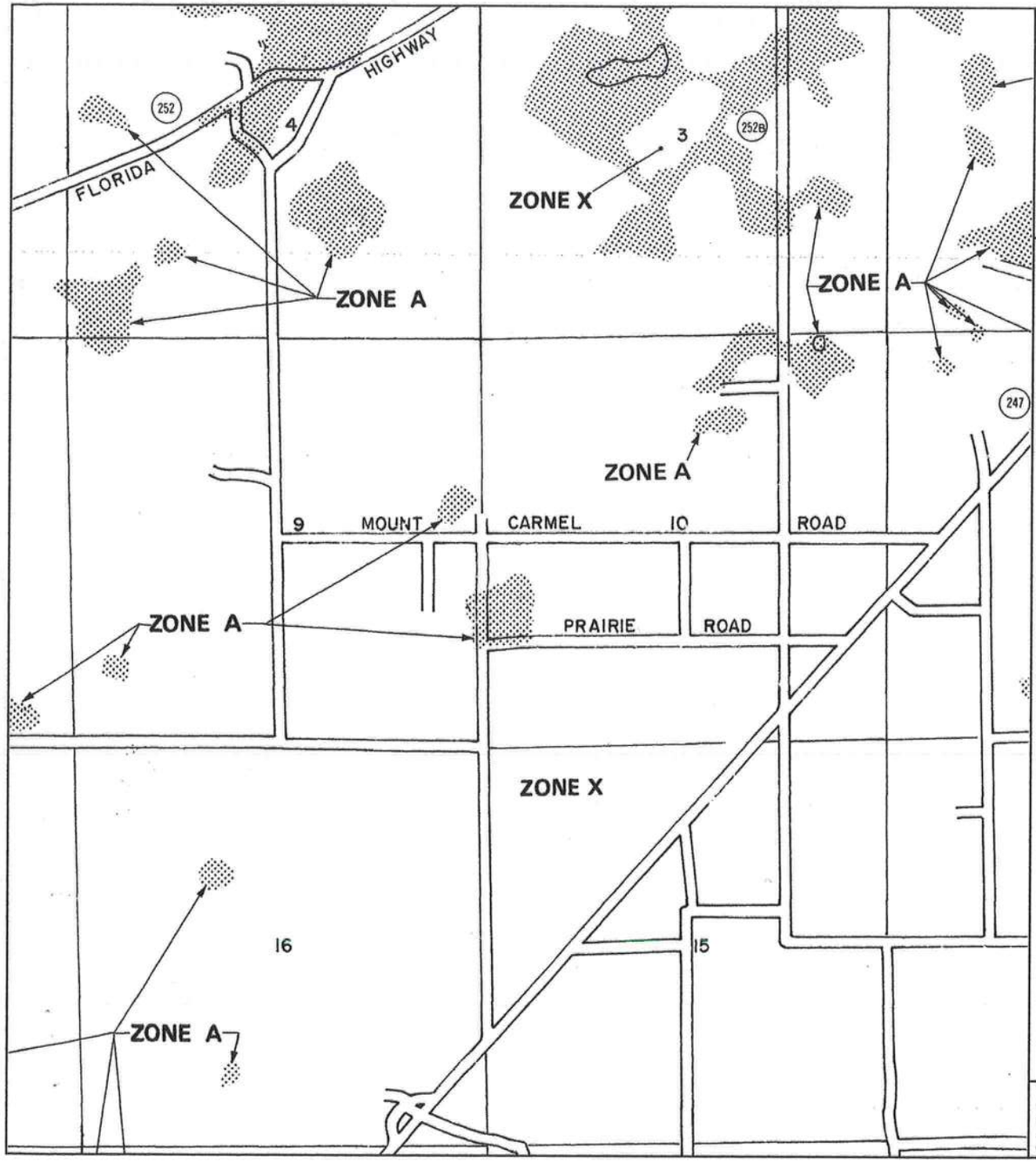
Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0296	SHED METAL	2004	$1,200.00	240.000	12 x 20 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
007100	CHURCH (MKT)	4.850 AC	1.00/1.00/1.00/1.00	$5,040.00	$24,444.00

Columbia County Property Appraiser DB Last Updated: 8/3/2005



APPROXIMATE SCALE IN FEET

2000 0 2000

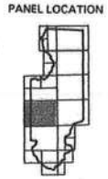
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA COUNTY, FLORIDA
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



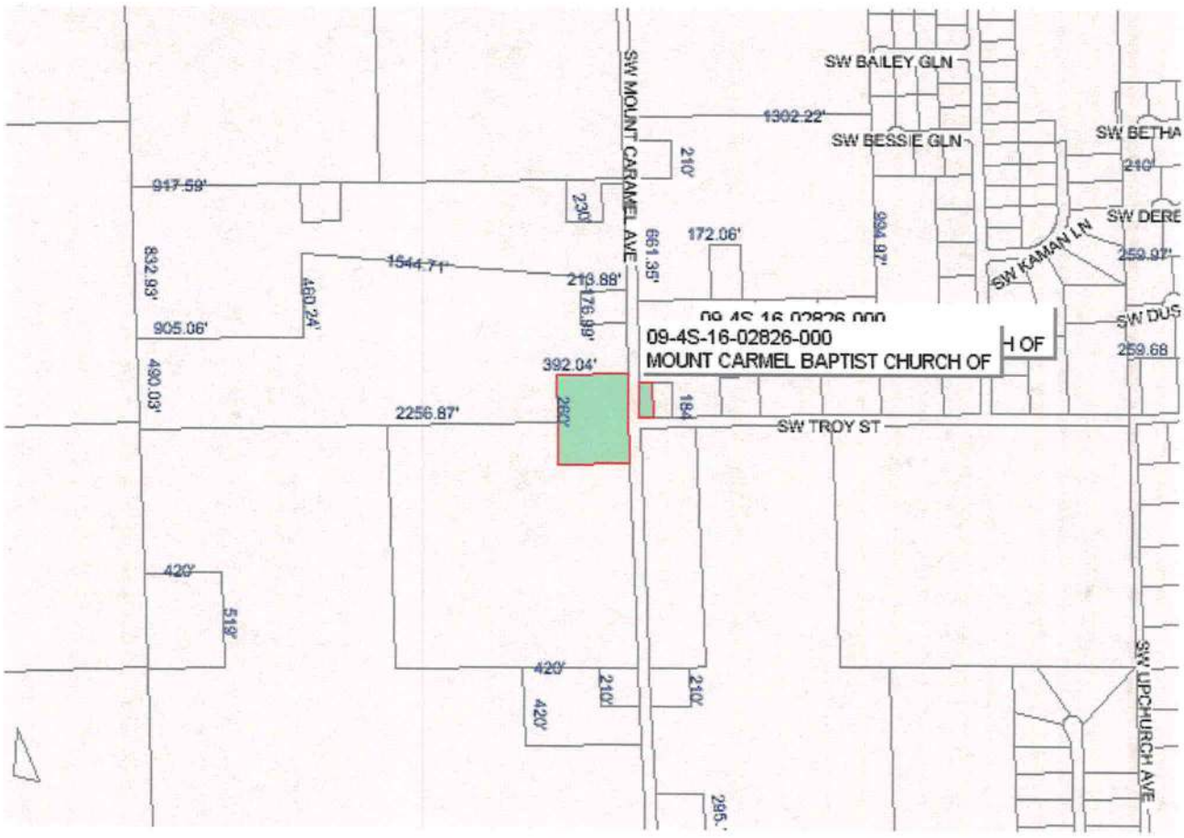
COMMUNITY-PANEL NUMBER
120070 0175 B

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. Futher information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/mit/tsd.

Print Date: 9/12/2005 (printed at scale and type A)


SW BAILEY GLN
SW BESSIE GLN
SW MOUNT CARMEL AVE
SW KAMAN LN
SW TROY ST
SW LIPCHURCH AVE
1302.22'
917.59'
1544.71'
832.93'
905.06'
490.03'
2256.87'
392.04'
661.35'
172.06'
994.97'
259.97'
259.68'
09-4S-16-02826-000
MOUNT CARMEL BAPTIST CHURCH OF

386 754-7088

ELITE CONTRACTING, INC.

OCTOBER 27, 2005

JOHN KERCE - BUILDING OFFICIAL
COLUMBIA COUNTY BUILDING DEPARTMENT
P.O. BOX 1529
LAKE CITY, FL 62056-1529

REFERENCE: MT. CARMEL BAPTIST CHURCH - 0508-96

DEAR MR. JOHN KERCE

THE ABOVE REFERENCED PROJECT DRAWINGS SHOW A WIND LOAD OF 99 MPH WITH A 1.15 IMPORTANCE FACTOR IN ACCORDANCE WITH FBC, THIS ACTUALLY RAISES THE WIND LOAD TO 113.85 MPH FOR THE PRE-ENGINEERED METAL BUILDING.

SINCERELY,

HARRY W. WHIDDON, P.E.
PE 38968

229
896-6833
563-2218

P. O. BOX 207 • ADEL, GEORGIA 31620 • TELEPHONE (229) 896-7569 • FAX (229) 896-7560

WEISS CONSTRUCTION CO

P. O. BOX 912 – 209 WEST GREEN ST.
PERRY, FLORIDA 32348

TELEPHONE 850-584-5624 FAX 850-584-3109

CONTRACTOR LCS # -CBCO59554
ROOFING LCS # -CCC1325501
UNDERGROUND UTILITY LCS#CUG1223850

October 3, 2005

Columbia County Building Dept.
P.O. Box 1529
Lake City, Florida 332056-1529

RE: Mt. Carmel Baptist Church Metal Building

To Whom It May Concern:

Weiss Construction hereby authorizes Robert Sullivan, Pastor at Mt. Carmel Baptist Church, to sign any necessary Building Permits for the above referenced project. Please call if you any questions.

Sincerely,

Karl R. Weiss
Contractor
CB-CO59554

Signed before me by Karl R. Weiss, who is personally Known. November 15, 2005

BARBARA C. BAUMGARDNER
MY COMMISSION # DD 141942
EXPIRES: August 13, 2006
Bonded Thru Pichard Insurance Agency

COLUMBIA COUNTY BUILDING DEPARTMENT

COMMERCIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 WITH AMENDMENTS

ALL REQUIREMENTS LISTED ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INCLUDE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 WITH AMENDMENTS BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SIGNATURE AND SEAL OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA. THE FOLLOWING BASIC WIND SPEED AS PER SECTION 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75
1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ---------- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ---------- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: **Two (2) complete sets of plans containing a floor plan, site plan, foundation plan, floor/roof framing plan or truss layout, wall sections and all exterior elevations with the following criteria and documents:**

Applicant	Plans Examiner	
☐	☑	**All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.**
☐	☑	**Designers name and signature on document (FBC 104.2.1) If licensed architect or engineer, official seal shall be affixed.**
☐	☑	**Two (2) Copies of Approved Site Plan**
☐	☑	**Minimum Type Construction (FBC Table 500)**
☐	☐	**Wind Load Engineering Summary, calculations and any details required:** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC ✓ 1. Basic wind speed (MPH) ✗ 2. Wind importance factor (I) and building category ✗ 3. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated ✗ 4. The applicable internal pressure coefficient ✗ 5. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☐	☐	**Fire Resistant Construction Requirements shall include:**
☐	☐	a) Fire resistant separations (listed system)
☐	☐ ?	b) Fire resistant protection for type of construction
☐	☐	c) Protection of openings and penetrations of rated walls (listed systems)
☐	☐	d) Fire blocking and draft-stopping
☐	☐	e) Calculated fire resistance

Fire Suppression Systems shall include: (To be reviewed by Fire Department)

- ☐ ☐ a) Fire sprinklers
- ☐ ☐ b) Fire alarm system (early warning) with name of licensed installer. If not shown on plans or not known at time of permitting, a separate permit shall be required by the licensed installer
- ☐ ☐ **c)** Smoke evacuation system schematic
- ☐ ☐ **d)** Stand-pipes
  - Pre-engineered system
  - Riser diagram

Life Safety Systems shall include: (To be reviewed by Fire Department)

- ☐ ☑ a) Occupancy load and egress capacity
- ☐ ☐ b) Early warning
- ☐ ☐ c) Smoke control
- ☐ ☐ d) Stair pressurization
- ☐ ☐ e) Systems schematic

Occupancy Load/Egress Requirements shall include:

- ☐ ☑ a) Occupancy load (gross and net)
- ☐ ☑ b) Means of egress
  - exit access, exit and exit discharge
- ☐ ☐ X c) Stair construction/geometry and protection
- ☐ ☐ d) Doors
- ☐ ☑ e) Emergency lighting and exit signs
- ☐ ☐ f) Specific occupancy requirements
  1. Construction requirements
  2. Horizontal exits/exit passageways

Structural Requirements shall include:

- ☐ ☐ X a) Soil conditions/analysis
- ☐ ☐ X b) Show type of termite treatment (termicide or alternative method)
- ☐ ☐ X c) Design loads
- ☐ ☐ X d) Wind requirements
- ☐ ☑ e) Building envelope
- ☐ ☐ X f) Structural calculations
- ☐ ☐ X g) Foundations
- ☐ ☐ X h) Wall systems
- ☐ ☑ X i) Floor systems
- ☐ ☐ X j) Roof systems
- ☐ ☐ k) Threshold inspection plan (if applicable)
- ☐ ☐ X l) Stair systems

Materials shall include:

- ☐ ☐ a) Wood
- ☐ ☐ b) Steel
- ☐ ☐ c) Aluminum
- ☐ ☐ d) Concrete
- ☐ ☐ e) Plastic
- ☐ ☐ f) Glass (mfg. Listing for wind zone including details for installation and attachments
- ☐ ☐ g) Masonry
- ☐ ☐ h) Gypsum board and plaster
- ☐ ☐ i) Insulating (mechanical)
- ☐ ☐ j) Roofing (mfg. Listed system for wind zone with installation and attachments)
- ☐ ☐ k) Insulation

Accessibility Requirements shall include:

- ☐ ☐ a) Site requirements
- ☐ ☐ b) Accessible route
- ☐ ☐ c) Vertical accessibility
- ☐ ☐ d) Toilet and bathing facilities
- ☐ ☐ e) Drinking fountains
- ☐ ☐ f) Equipment
- ☐ ☐ g) Special occupancy requirements
- ☐ ☐ h) Fair housing requirements

Interior Requirements shall include:

- ☐ ☐ a) Interior finishes (flame spread/smoke develop)
- ☐ ☐ b) Light and ventilation
- ☐ ☐ c) Sanitation

Special Systems shall include:

- ☐ ☐ a) Elevators
- ☐ ☐ b) Escalators
- ☐ ☐ c) Lifts

Swimming Pools – Commercial – Plans shall be signed and sealed by a Professional Engineer registered in the State of Florida and approved by the Department of Business and Professional Regulation/Health Department Indicating compliance with the Florida Administrative Code, Chapter 64E-9 And Section 424 of the Florida Building Code

Electrical:

- ☐ ☑ a) Electrical wiring, services, feeders and branch circuits, over-current protection, grounding, wiring methods and materials, GFCIs
- ☐ ☑ b) Equipment
- ☐ ☑ c) Special Occupancies
- ☐ ☑ d) Emergency Systems
- ☐ ☑ e) Communication Systems
- ☐ ☑ f) Low Voltage
- ☐ ☑ g) Load calculations
- ☐ ☑ h) Riser diagram

Plumbing:

- ☐ ☑ a) Minimum plumbing facilities
- ☐ ☑ b) Fixture requirements
- ☐ ☑ c) Water supply piping
- ☐ ☑ d) Sanitary drainage
- ☐ ☑ e) Water heaters
- ☐ ☑ f) Vents
- ☐ ☑ g) Roof drainage
- ☐ ☐ h) Back flow prevention
- ☐ ☐ i) Irrigation
- ☐ ☑ j) Location of water supply
- ☐ ☐ k) Grease traps
- ☐ ☐ l) Environmental requirements
- ☐ ☑ m) Plumbing riser

Mechanical:

- ☐ ☐ a) Energy calculation (signed and sealed by Architect or Engineer, registered in the State of Florida)
- ☐ ☐ b) Exhaust systems (clothes dryer exhaust, kitchen equipment exhaust, Specialty equipment exhaust)
- ☐ ☐ c) Equipment
- ☐ ☐ d) Equipment location
- ☐ ☐ e) Make-up air
- ☐ ☐ f) Roof mounted equipment
- ☐ ☐ g) Duct systems
- ☐ ☐ h) Ventilation
- ☐ ☐ i) Combustion air
- ☐ ☐ j) Chimneys, fireplaces and vents
- ☐ ☐ k) Appliances
- ☐ ☐ l) Boilers
- ☐ ☐ m) Refrigeration
- ☐ ☐ n) Bathroom ventilation
- ☐ ☐ o) Laboratory

Gas:

- ☐ ☐ a) Gas piping
- ☐ ☐ b) Venting
- ☐ ☐ c) Combustion air
- ☐ ☐ d) Chimney's and vents
- ☐ ☐ e) Appliances
- ☐ ☐ f) Type of gas
- ☐ ☐ g) Fireplaces
- ☐ ☐ h) LP tank locations
- ☐ ☐ i) Riser diagram/shut offs

☐ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice of Commencement Required Before Any Inspections will be Done**

☐ ☐ **Private Potable Water:**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS:

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all construction projects; If you were required to have a Site and Development Plan Approval, list SDP number.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser is required. A copy of property deed is also requested. (386) 758-1084

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic tank approval or sewer tap is required

4. **City Approval:** If the project is located within the city limits of the Town of Fort White prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) **has been** established shall meet the requirements of section 8.8 of the Columbia County Land Development Regulations. Any project that is located within a flood zone where the base flood elevation (100 year flood) **has not been** established shall meet the requirements of section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
   A development permit will also be required. **The development permit cost is $50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit must be made **($25.00)**. Culvert installation for commercial, industrial and other uses shall **conform to the approved site plan or to the specifications of a registered engineer. Joint use culverts will comply with Florida Department of Transportation specifications**. If the project is to be located on a F.D.O.T. maintained road, then an F.D.O.T. access permit is required.

7. **Suwannee River Water Management District Approval:** All commercial projects must have an SRWMD permit issued or an exemption letter, before a building will be issued.

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS – PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

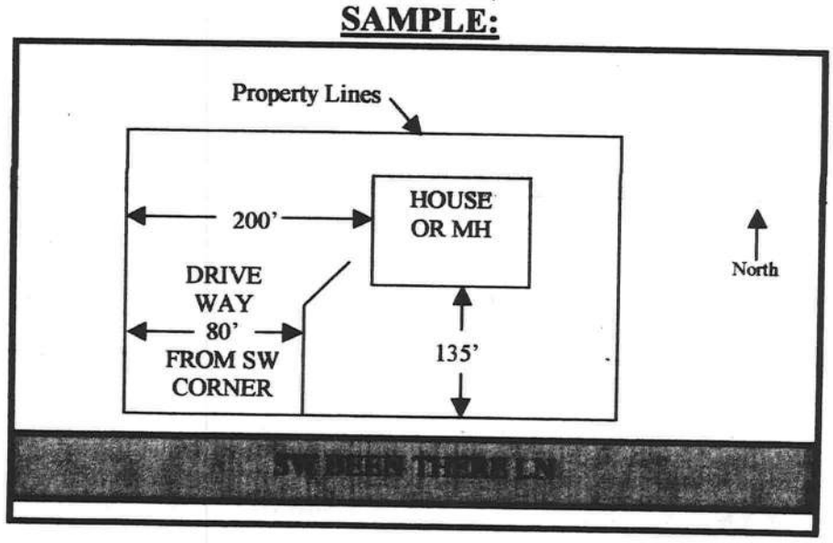
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
   a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
   b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
   c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX: (386) 362-1056

Dear Permittee:

Enclosed is your approved Environmental Resource Permit. Based on the activity described in your application, Suwannee River Water Management District (District) staff has reasonable assurance that the proposed construction meets conditions for issuance, provided you follow the permit conditions and your stated activity.

The construction of a surfacewater management system requires filing a Notice of Commencement and as-built certification forms within 30 days of completion of construction. These forms are enclosed with your permit.

Be aware of the location of underground utilities before starting excavation.

If you wish, we will visit with you on site to discuss the terms of the permit, review existing pre-construction conditions, and answer any questions you may have prior to beginning work. If you would like to schedule a pre-construction meeting, please contact Resource Management staff at 386.362.1001 or 800.226.1066.

Sincerely,

Jon Dinges, P. E.
Department Director, Resource Management

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

NOTICED GENERAL PERMIT

PERMITTEE:
MT. CARMEL BAPTIST CHURCH
1205 SOUTHWEST MT. CARMEL AVENUE
LAKE CITY, FL 32024

PERMIT NUMBER: ERP90-0113M2
DATE ISSUED: 09/13/2005
DATE EXPIRES: 09/13/2008
COUNTY: COLUMBIA
TRS: S9/T4S/R16E

PROJECT: MT. CARMEL BAPTIST CHURCH MODIFICATION #2

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

ROBERT SULLIVAN
MT. CARMEL BAPTIST CHURCH
1205 SOUTHWEST MT. CARMEL AVENUE
LAKE CITY, FL 32024

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource noticed general permit is in effect for the permitted activity description below:

Previous permit issued for 0.03 acres of impervious surface on 1.20 acres. Modification consists of construction and operation of a surfacewater management system serving 0.22 acres of impervious surface on a total project area of 1.68 acres in a manner consistent with the application package submitted by R. W. Meissner & Associates, Inc. on September 1, 2005.

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing pursuant to ss.120.57(1), Florida Statutes (F.S.), and s.40B-1.511, F.A.C., if they object to the District's actions. Failure to request a hearing within 14 days will constitute a waiver of your right

to request such a hearing. In addition, the District will presume that permittee waives Chapter 120, F.S., rights to object or appeal the action upon commencement of construction authorized by the permit.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A noticed general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

General Conditions for All Noticed General Permits:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this section are general permit conditions and are binding upon the permittee for all noticed general permits in Part II of this chapter. These conditions are enforceable under Part IV of chapter 373, F.S.

2. The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. A violation of the permit is a violation of Part IV of chapter 373, F.S., and may result in suspension or revocation of the permittee's right to conduct such activity under the general permit. The District may also begin legal proceedings seeking penalties or other remedies as provided by law for any violation of these conditions.

3. This general permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any construction, alteration, operation, maintenance, removal or abandonment authorized by this permit.

4. This general permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the general permit and Part II of this chapter.

5. This general permit does not relieve the permittee from liability and penalties when the permitted activity causes harm or injury to human health or welfare, animal, plant or aquatic life, or property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and District rules.

6. The permittee is hereby advised that s.253.77, F.S., states that a person may not commence any

excavation, construction or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

7. The authorization to conduct activities pursuant to general permit may be modified, suspended or revoked in accordance with chapter 120, and s.373.429, F.S.

8. This permit shall not be transferred to a third party except pursuant to s.40B-4.1130, F.A.C. The permittee transferring the general permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located.

9. Upon reasonable notice to the permittee, District staff with proper identification shall have permission to enter, inspect, sample and test the permitted system to insure conformity with the plans and specifications approved by the permit.

10. The permittee shall maintain any permitted system in accordance with the plans submitted to the District and authorized by this general permit.

11. A permittee's right to conduct a specific noticed activity under this noticed general permit is authorized for the duration on the front of this permit.

12. Construction, alteration, operation, maintenance, removal and abandonment approved by this general permit shall be conducted in a manner which does not cause violations of state water quality standards, including any antidegradation provisions of s.62-4.242(1)(a) and (b), 62-4.242(2) and (3), and 62-302.300, F.A.C., and any special standards for Outstanding Florida Waters and Outstanding National Resource Waters. The permittee shall implement best management practices for erosion, turbidity and other pollution control to prevent violation of state water quality standards. Temporary erosion control measures such as sodding, mulching, and seeding shall be implemented and shall be maintained on all erodible ground areas prior to and during construction. Permanent erosion control measures such as sodding and planting of wetland species shall be completed within seven days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into wetlands or other surface waters exists due to the permitted activity. Turbidity barriers shall remain in place and shall be maintained in a functional condition at all locations until construction is completed and soils are stabilized and vegetation has been established. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

13. The permittee shall hold and save the District harmless from any and all damages, claims or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the general permit.

14. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

15. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

16. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by _____ Date Approved 9/12/05
District Staff

RWMeissner & Associates, Inc.
216 W. Main St. Perry, Fl 32347 - Tel: (850) 584-3887 - Fax: (850) 223-1159 - E-mail: rwmi@gtcom.net

August 23, 2005 File: 1311

Columbia County Building Department
Plan Review
Post Office Box 1529
Lake City, Florida 32056-1529

Re: Mount Carmel Baptist Church

Dear Sir or Madam:

Please find enclosed the following concerning the above-referenced project:

1. Building Permit Application
2. Product Approval List
3. 2 sets of engineered building plans

Please contact our office should you have any questions or concerns.

Sincerely,

Angela S. Cruce
President

Cc: Mount Carmel Baptist Church

File: 1311-050823-Mt. Carmel Church Columbia County Cover Letter

RWMEISSNER & ASSOCIATES, INC.
216 W. Main St. Perry, Fl 32347 - Tel: (850) 584-3887 - Fax: (850) 223-1159 - E-mail: rwmi@gtcom.net

September 1, 2005

File: 1311

Columbia County Building Department
Plan Review
Post Office Box 1529
Lake City, Florida 32056-1529

Re: Mount Carmel Baptist Church

Dear Sir or Madam:

Kim-
Please
mail to
Church

Please find enclosed the found renced project. The package sent on August 23, 2005 did n

Please contact our office shoul concerns.

Sincerely,

Angela

Angela S. Cruce
President

Cc: Mt Carmel Baptist Church, Attn: Pastor Sullivan, 1205 SW Mt. Carmel Ave, Lake City, Fl 32060

File: 1311-050901-Mt. Carmel Church Columbia County Cover Letter

COLUMBIA COUNTY PUBLIC HEALTH UNIT
ENVIRONMENTAL HEALTH

THE FOLLOWING ~~INSTRUME~~ SEWAGE DISPOSAL SYSTEM HAS HAD FINAL INSPECTION AND IS APPROVED FOR CONNECTION OF POWER

PERMIT: X 05-0259 X 05-0259

LOCATION: Mt. Carmel Road

OWNER: Mt. Carmel Baptist Church

OCCUPANT: Same

BY: BR **DATE:** 9/13/05 **POWER CO.** Clay

MT. Carmel Baptist Church

Builder- Karl R. Weiss
(Weiss Construction Co.) (850) 584-5624

Owner- MT. Carmel Baptist Church

Engineer – R.W. Meissner & Associates, Inc.

Heated & Cooled Area		**8750**
Portico Area		**300**
	Total Area	**9,050**

Bldg. Height	24 ', 50' With Steeple
Roof Pitch	/12

I need the following approvals/information.

1. Wind load Engineering summary.
2. Environmental Health Approval.
3. SRWMD Permit.
4. Engineered Metal Building Plan.
5. Engineered Foundation Plan.
6. Energy code.
7. Notice of Commencement, before 1st inspection.
8. Window mfg., approval listing and Spec's., with Attachment requirements.
9. Door mfg., approval listing and Spec's., with Attachment requirements.
10. Roof height (on elevation).
11. Vertical steel.
12. Post/Column footing, reinforcement, fasteners (top & bottom).
13. Soil Analysis (soil bearing capacity psf), (compaction).
14. Slab, depth, reinforcement, 6 mil VB lapped joints.
15. Termite treatment.
16. Stair detail, Sound Room, Baptistery.
    a. Stair width
    b. Tread
    c. Riser
    d. Guardrail
    e. Handrail

17. All required exits provide panic hardware.
18. Will there be an enclosed attic?
19. Provide details of draftstops in attic.
20. Provide attic access detail.
21. Plans should indicate that a maximum occupant load of 348 is posted in the sanctuary.
22. The rear exit door from the Choir Room should open in the direction of exit.
23. Interior frame wall.
    a. Stud spacing & size.
    b. Headers.
    c. Design loads, Sound Room, Baptistery, Platform.
    d. Platform Design.
    e. Floor joist, size, spacing.
    f. Floor finish, (wood floor).
    g. Pressure treated

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 1205 SW MT CARMEL AVE **Project Name:** MT CARMEL Baptist Ch.

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	DOMINION PRODUCTS	STEEL PERSONNEL DOORS	2501.1
2. Sliding			
3. Sectional			
4. Roll up	D.B.C.I.	SERIES 5100 WINDLOK DOOR	2457.1
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	ESP	WHITE Aluminum	FI 1950
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass –through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	M.B.C.I.	26GA/24GA STEEL PANELS	1904.2
2. Soffits	M.B.C.I.	26GA/24GA STEEL PANELS	1904.2
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	M.B.C.I.	26GA/24GA STEEL PANELS	1904.2

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight	PALRAM AMERICAS	POLYCARBONATE SKYLIGHTS	3953
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite;

1) copy of the product approval,
2) the performance characteristics which the product was tested and certified to comply with,
3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Karl R. Weiss
Contractor or Contractor's Authorized Agent Signature

KARL R. WEISS
Print Name

Date

Location

Permit #

RWMeissner & Associates, Inc.
216 W. Main St. Perry, Fl 32347 - Tel: (850) 584-3887 - Fax: (850) 223-1159 - E-mail: rwmi@gtcom.net

October 25, 2005 File: 1311

Columbia County Building Department
Plan Review
Post Office Box 1529
Lake City, Florida 32056-1529

Re: Mount Carmel Baptist Church

Dear Sir or Madam:

Please find enclosed the revised drawings and additional documents requested for the Mount Carmel Baptist Church project. I have itemized the requests below in the same order they were given to me.

1. The windload engineering summary shall be included in the metal building design package that you receive.
2. Per Mr. Joe, the Environmental Health Approval is complete.
3. A copy of the SRWMD permit is enclosed.
4. Mr. Karl Weiss
5. The foundation plan was sent to you on September 1, 2005.
6. I have ordered the Energy Code Calculations and will forward them to you as soon as I received them.
7. Per Mr. Joe, the church will be handling the Notice of Commencement.
8. Mr. Karl Weiss
9. Mr. Karl Weiss
10. The roof height is shown on the front elevation located on page A2 of the plans.
11. Mr. Karl Weiss
12. Mr. Karl Weiss
13. I have enclosed the soil boring information.
14. This information is shown on the foundation plans sent to you on September 1, 2005.
15. This information is shown on the foundation plans sent to you on September 1, 2005.
16. Mr. Karl Weiss
17. A typical exit door is shown on page A1 of the plans.
18. A typical attic wall section is shown on page A1 of the plans.
19. A draftstop detail is shown on page A1 of the plans.
20. An attic access detail is shown on page A1 of the plans.
21. A note is shown the cover sheet of the plans stating the maximum capacity to be 348.
22. The swing of the rear door to the choir room has been changed.

23. An interior wall detail is shown on page A1 of the plans.
24. The receptacles in the nursery have been changed to 48" o.c. This is shown on page E1 of the plans.
25. A 1 hr firewall has been shown to separate the mechanical room. This is shown on page A1 of the plans.

Any item that lists Mr. Karl Weiss is associated with the metal building plans or other detail that will be taken care of by him and his company. Please contact him for any of these items needed.

Please contact our office should you have any questions or concerns.

Sincerely,

Angela S. Cruce
President

Cc: Mt Carmel Baptist Church, Attn: Pastor Sullivan, 1205 SW Mt. Carmel Ave, Lake City, Fl 32060

File: 1311-051025-Mt. Carmel Church Columbia County Cover Letter

SUWANNEE
RIVER
WATER
MANAGEMENT
DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (386) 362-1001
TELEPHONE: 800-226-1066
FAX (386) 362-1056

R. W. Meissner & Assoc., Inc.
Date: 9/19/05
Project#: 1311

NOTICED GENERAL PERMIT

PERMITTEE:
MT. CARMEL BAPTIST CHURCH
1205 SOUTHWEST MT. CARMEL AVENUE
LAKE CITY, FL 32024

PERMIT NUMBER: ERP90-0113M2
DATE ISSUED: 09/13/2005
DATE EXPIRES: 09/13/2008
COUNTY: COLUMBIA
TRS: S9/T4S/R16E

PROJECT: MT. CARMEL BAPTIST CHURCH MODIFICATION #2

Approved entity to whom operation and maintenance may be transferred pursuant to rule 40B-4.1130, Florida Administrative Code (F.A.C.):

ROBERT SULLIVAN
MT. CARMEL BAPTIST CHURCH
1205 SOUTHWEST MT. CARMEL AVENUE
LAKE CITY, FL 32024

Based on information provided, the Suwannee River Water Management District's (District) rules have been adhered to and an environmental resource noticed general permit is in effect for the permitted activity description below:

Previous permit issued for 0.03 acres of impervious surface on 1.20 acres. Modification consists of construction and operation of a surfacewater management system serving 0.22 acres of impervious surface on a total project area of 1.68 acres in a manner consistent with the application package submitted by R. W. Meissner & Associates, Inc. on September 1, 2005.

It is your responsibility to ensure that adverse off-site impacts do not occur either during or after construction. Any additional construction or alterations not authorized by this permit may result in flood control or water quality problems both on and off site and will be a violation of District rule.

You or any other substantially affected persons are entitled to request an administrative hearing pursuant to ss.120.57(1), Florida Statutes (F.S.), and s.40B-1.511, F.A.C., if they object to the District's actions. Failure to request a hearing within 14 days will constitute a waiver of your right

to request such a hearing. In addition, the District will presume that permittee waives Chapter 120, F.S., rights to object or appeal the action upon commencement of construction authorized by the permit.

This permit is issued under the provisions of chapter 373, F.S., chapter 40B-4, and chapter 40B-400, F.A.C. A noticed general permit authorizes the construction, operation, maintenance, alteration, abandonment, or removal of certain minor surface water management systems. This permit authorizes the permittee to perform the work necessary to construct, operate, and maintain the surface water management system shown on the application and other documents included in the application. This is to notify you of District's agency action concerning Notice Of Intent. This action is taken pursuant to rule 40B-4 and 40B-400, F.A.C.

General Conditions for All Noticed General Permits:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this section are general permit conditions and are binding upon the permittee for all noticed general permits in Part II of this chapter. These conditions are enforceable under Part IV of chapter 373, F.S.

2. The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. A violation of the permit is a violation of Part IV of chapter 373, F.S., and may result in suspension or revocation of the permittee's right to conduct such activity under the general permit. The District may also begin legal proceedings seeking penalties or other remedies as provided by law for any violation of these conditions.

3. This general permit does not eliminate the necessity to obtain any required federal, state, local and special District authorizations prior to the start of any construction, alteration, operation, maintenance, removal or abandonment authorized by this permit.

4. This general permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the general permit and Part II of this chapter.

5. This general permit does not relieve the permittee from liability and penalties when the permitted activity causes harm or injury to human health or welfare, animal, plant or aquatic life, or property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and District rules.

6. The permittee is hereby advised that s.253.77, F.S., states that a person may not commence any

excavation, construction or other activity involving the use of sovereign or other lands of the state, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.

7. The authorization to conduct activities pursuant to general permit may be modified, suspended or revoked in accordance with chapter 120, and s.373.429, F.S.

8. This permit shall not be transferred to a third party except pursuant to s.40B-4.1130, F.A.C. The permittee transferring the general permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located.

9. Upon reasonable notice to the permittee, District staff with proper identification shall have permission to enter, inspect, sample and test the permitted system to insure conformity with the plans and specifications approved by the permit.

10. The permittee shall maintain any permitted system in accordance with the plans submitted to the District and authorized by this general permit.

11. A permittee's right to conduct a specific noticed activity under this noticed general permit is authorized for the duration on the front of this permit.

12. Construction, alteration, operation, maintenance, removal and abandonment approved by this general permit shall be conducted in a manner which does not cause violations of state water quality standards, including any antidegradation provisions of s.62-4.242(1)(a) and (b), 62-4.242(2) and (3), and 62-302.300, F.A.C., and any special standards for Outstanding Florida Waters and Outstanding National Resource Waters. The permittee shall implement best management practices for erosion, turbidity and other pollution control to prevent violation of state water quality standards. Temporary erosion control measures such as sodding, mulching, and seeding shall be implemented and shall be maintained on all erodible ground areas prior to and during construction. Permanent erosion control measures such as sodding and planting of wetland species shall be completed within seven days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into wetlands or other surface waters exists due to the permitted activity. Turbidity barriers shall remain in place and shall be maintained in a functional condition at all locations until construction is completed and soils are stabilized and vegetation has been established. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.

13. The permittee shall hold and save the District harmless from any and all damages, claims or liabilities which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the general permit.

14. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

15. The permittee shall perform all construction authorized in a manner so as to minimize adverse impacts to fish, wildlife, natural environmental values, and water quality. The permittee shall institute necessary measures during construction including riprap, reinforcement, or compaction of any fill materials placed around newly installed structures, to minimize erosion, turbidity, nutrient loading, and sedimentation in the receiving waters.

16. The permit is issued based on the information submitted by the applicant which reasonably demonstrates that adverse off-site water resource impacts will not be caused by the permitted activity. It is the responsibility of the permittee to insure that such adverse impacts do not in fact occur either during or after construction.

WITHIN 30 DAYS AFTER COMPLETION OF THE PROJECT, THE PERMITTEE SHALL NOTIFY THE DISTRICT, IN WRITING, THAT THE FACILITIES ARE COMPLETE.

Approved by _____ Date Approved 9/12/05
District Staff

SECTION C

AS-BUILT CERTIFICATION
(TO BE COMPLETED BY A PROFESSIONAL ENGINEER)

I hereby certify that all components of the surfacewater management system authorized under permit number _____, issued _____, for _____ in _____ County have been built in substantial conformance with the permitted plans and design.

It is further stated that the permittee has been furnished with instructions as to how the system is to be operated and maintained.

_____
Signature of Engineer

_____
Name and Florida Registration Number
(Please print or type)

_____
Date Certification Made

_____
Company Name

_____
Mailing Address

_____
City, State, Zip Code

_____
Phone Number

Project visited for final (As-built) inspection on: _____

Minor Field Changes: _____

_____

_____

_____

[AFFIX SEAL]

Revised 2/8/00

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

R. W. Meissner & Assoc., Inc.
Date: 9/14/05
Project#: 1311

September 13, 2005

R. W. Meissner & Associates, Inc.
216 West Main Street
Perry, Florida 32347

Reference: Proposed Building
Mt. Carmel Baptist Church
Lake City, Florida
Cal-Tech Project No. 05-351

Dear Mr. Meissner,

Cal-Tech Testing, Inc. has completed the subsurface investigation and engineering evaluation of the site for the new Mt. Carmel Baptist Church building. Our work was planned in conjunction with and authorized by you.

Introduction

We were provided a site plan and understand you will construct a single-story church building with lateral dimensions of approximately 70 feet by 125 feet. Construction plans were not provided; however, we believe the building will be of masonry block construction. We also believe support for the building will be provided by conventional, shallow spread footings. Foundation loads are assumed not to exceed about 2,500 pounds per square foot.

The purposes of our investigation were to determine the general subsurface conditions in the proposed building area and to provide recommendations for foundation design and construction.

Site Investigation

The subsurface conditions were investigated by performing five (5) Standard Penetration Test borings advanced to depths of 15 feet. The borings were performed at the approximate locations indicated on the attached Boring Location Plan. These locations were selected by Cal-Tech Testing, Inc. using the site plan provided.

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 three soil strata. The first layer consists of 4.0 to 5.5 feet of generally very loose to loose, grayish tan or tannish gray sand (SP), sand with silt (SP/SM) or silty sand (SM). The N-values of this layer range from 2 to 17 blows per foot.

The second layer consists of 6.0 to 11.0 or more feet of generally medium dense to dense, gray and orange, clayey sand (SC). The N-values of this layer range from 4 to 52 blows per foot.

The third layer consists of an undetermined thickness of very stiff, light gray and orange, sandy clay (CL). The N-values of this layer are on the order of 17 blows per foot.

Ground water was not encountered at any boring location at the time of our investigation; however, we estimate the wet season water table will occur at a depth of about 4.0 feet.

For a more detailed description of the subsurface conditions encountered, please refer to the attached Boring Logs.

Discussion

Based upon our findings, it is our opinion the building can be supported by conventional, shallow spread footings sized to exert a maximum soil bearing pressure of 2,000 pounds per square foot. The foundations should have minimum widths of 18 and 24 inches for strip and isolated footings, respectively, even though the allowable soil bearing pressure may not be developed. The foundations generally should be embedded at least 14 inches below the lowest adjacent grade (finished surface grade, for example).

It is also our opinion the existing site soils, when compacted, are suitable to provide support for the building. The use of replacement soils is not anticipated, and only normal, good practice site preparation procedures should be required to prepare the building area.

Initially, the building area should be stripped of grass, trees, roots and other deleterious materials. Excavation should then be performed as required to establish the appropriate site grading. Clean, sandy soils should be stockpiled for later use as fill.

The building area should then be proof-rolled using heavy, rubber-tired equipment (a large, loaded, front-end loader, for example). Proof rolling helps to compact the bearing soils and to locate zones of especially loose or soft soil not encountered in the soil test borings. Such zones should be undercut and back-filled or

otherwise treated as directed by the geotechnical engineer. Note that the site soils appear to be very loose to a depth on the order of three feet; therefore, proof-rolling of the site should be very thorough.

The subgrade should then be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density to a depth of 2 feet in foundation areas and to a depth of 1 foot in floor slab areas.

Fill to raise the building area may be placed as required following compaction efforts. Fill should consist of relatively clean, fine sand containing less than 10% passing the No. 200 sieve. Fill should be placed in maximum 12-inch, loose lifts, and each lift should be proof-compacted to a minimum of 95% of the Modified Proctor maximum dry density. Foundation cuts may be placed in compacted fill, but disturbed fill materials should be recompacted prior to placement of the foundations or slabs.

Field density testing should be performed in the compacted subgrade, in each lift of fill, and in foundation excavations to verify the recommended compaction has been achieved.

Our evaluation and recommendations are based upon our findings as described in this report; however, subsurface conditions may exist that were not encountered in the soil test borings. Cal-Tech Testing, Inc. should be notified immediately if different soil conditions are encountered during construction. It may be necessary to reevaluate this site and revise our recommendations.

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

Linda Creamer
President / CEO

John C. Dorman, Jr., Ph.D., P.E.
Geotechnical Engineer
5/13/05
52612

B-1

Water Table: N/A

Depth (ft)	N-Value	Soil Description
0		Dark Tannish Grey, Silty Sand with Organics (SM)
	2	Very Loose to Loose, Light Greyish Tan, Silty Sand (SM)
	4	
5	19	Medium Dense, Light Greyish Tan and Orange, Clayey Sand (SC)
	23	Medium Dense, Light Tannish Grey and Orange, Very Clayey Sand (SC)
	33	Dense, Light Tannish Grey and Orange, Clayey Sand (SC)
10	25	Medium Dense, Light Tannish Grey and Orange, Very Clayey Sand (SC)
15	28	Medium Dense, Light Tannish Grey, Clayey Sand (SC)

B-2

Water Table: N/A

Depth (ft)	N-Value	Soil Description
0		Dark Tannish Grey, Silty Sand, Trace Organics (SM)
	3	Very Loose, Tannish Grey Sand with Silt (SP/SM)
	5	Loose, Light Tannish Grey Sand (SP)
5	4	Loose, Greyish Tan and Orange, Clayey Sand (SC)
	18	Medium Dense, Light Grey, Orange and Red, Very Clayey Sand (SC)
	26	
10	26	Medium Dense, Light Grey and Orange, Very Clayey Sand (SC)
15	27	Medium Dense, Light Grey and Orange, Clayey Sand (SC)

B-3

Water Table: N/A

Depth (ft)	N-Value	Soil Description
0		Dark Tannish Grey, Silty Sand, Trace Organics (SM)
	2	Very Loose, Light Tannish Grey Sand with Silt (SP/SM)
	9	Loose, Light Greyish Tan Sand, Trace Clay (SP)
5	24	Medium Dense, Orangish Tan, Clayey Sand (SC)
	25	
	37	Dense, Light Grey and Light Orange, Clayey Sand (SC)
10	43	Dense, Light Greyish Tan and Orange, Slightly Clayey Sand (SC)
15	37	Dense, Light Tannish Grey, Clayey Sand (SC)

B-4

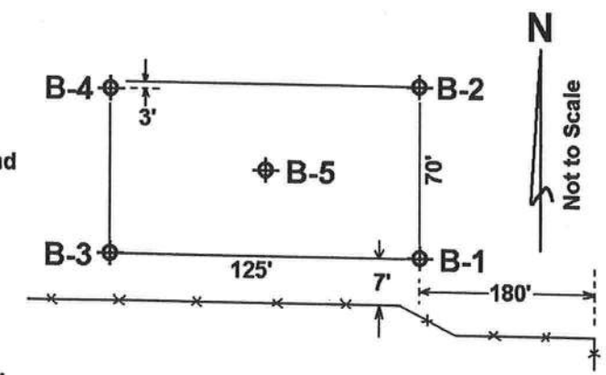
Water Table: N/A

Depth (ft)	N-Value	Soil Description
0		Dark Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	3	Very Loose, Light Tannish Grey Sand with Silt (SP/SM)
	9	Loose, Light Tannish Grey Sand with Clay (SP/SC)
5	28	Medium Dense, Orangish Grey, Clayey Sand (SC)
	35	Dense to Very Dense, Light Greyish Tan and Orange, Clayey Sand (SC)
	52	
10	35	Dense, Light Tannish Grey and Orange, Clayey Sand (SC)
15	20	Medium Dense, Light Grey and Orange, Very Clayey Sand (SC)

B-5

Water Table: N/A

Depth (ft)	N-Value	Soil Description
0		Dark Tannish Grey Sand with Silt, Trace Organics (SP/SM)
	2	Very Loose, Tannish Grey Sand with Silt (SP/SM)
	7	Loose, Light Tannish Grey, Silty Sand (SM)
5	17	Medium Dense, Light Tannish Grey Sand, Trace Clay (SP)
	19	
	20	Medium Dense, Light Grey and Orange, Very Clayey Sand (SC)
10	21	
15	17	Very Stiff, Light Grey and Orange, Sandy Clay (CL)



Boring Logs and Location Plan:
Proposed Building
Mt. Carmel Baptist Church

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

SUMMARY OF LABORATORY TEST RESULTS

PROJECT: Mt. Carmel Baptist Church
Lake City, Florida

CLIENT: R.W. Meissner and Associates

JOB NO.: 05-351
REPORT NO.: 1
DATE: 09/12/05

BORING NO.	SAMPLE DEPTH (ft.)	SOIL DESCRIPTION	SAMPLE TYPE*	NATURAL MOISTURE (%)	ATTERBERG LIMITS		COEFFICIENT OF PERMEABILITY (feet/day)	SIEVE ANALYSIS (% passing)						UNIFIED SOIL CLASSIFICATION
					LIQUID LIMIT (%)	PLASTICITY INDEX (%)		No.4	No.10	No. 40	No. 60	No.100	No. 200	
B-1	2	Light Greyish Tan, Silty Sand	SS					100	100	98.6	94.1	43.5	13.7	SM
B-2	6	Light Grey, Orange and Red, Very Clayey Sand	SS					100	100	99.4	96.8	86.5	43.4	SC
B-3	5	Orangish Tan, Clayey Sand	SS					100	100	99.6	97.2	87.1	31.1	SC
B-4	5	Orangish Grey, Clayey Sand	SS					100	100	99.7	97.3	87.8	39.1	SC
B-5	3	Light Tannish Grey, Silty Sand	SS					100	100	99.2	94.3	80.2	12.9	SM

***SS- Split Spoon**
ST- Shelby Tube
A- Auger

Reviewed By:

Date: 9/12/05
Florida Registration No.: 52612

"Excellence in Engineering & Geoscience"

MT. Carmel Baptist Church

Builder- Karl R. Weiss
(Weiss Construction Co.) (850) 584-5624

Owner- MT. Carmel Baptist Church

Engineer – R.W. Meissner & Associates, Inc.

Heated & Cooled Area	**8750**
Portico Area	**300**
Total Area	**9,050**

Bldg. Height	24 ', 50' With Steeple
Roof Pitch	/12

I need the following approvals/information.

1. Wind load Engineering summary.
2. ~~Environmental Health~~ Approval.
3. ~~SRWMD~~ Permit.
4. ~~Engineered Metal Building~~ Plan.
5. ~~Engineered Foundation Plan~~
6. Energy code.
7. ~~Notice of Commencement, before 1st~~ inspection.
8. Window mfg., approval listing and Spec's., with Attachment requirements.
9. ~~Door mfg., approval~~ listing and Spec's., with Attachment requirements.
10. ~~Roof height (on elev~~ation).
11. ~~Vertical steel.~~
12. ~~Post/Column footing, reinforcement, fasteners (top~~ & bottom).
13. ~~Soil Analysis (soil bearing capacity psf), (com~~paction).
14. ~~Slab, depth, reinforcement, 6 mil VB lapped joints.~~
15. ~~Termite treatment.~~
16. Stair ~~detail, Sound Room, Baptistery~~
    a. Stair width
    b. Tread
    c. Riser
    d. Guardrail
    e. Handrail

~~17. All required exits provide panic hardware.~~
18. Will there be an enclosed attic?
~~19. Provide details of draftstops in attic.~~
~~20. Provide attic~~ access detail.
21. Plans should indicate that a maximum occupant load of 348 is posted in the sanctuary.
~~22. The rear~~ exit door from the Choir Room should open in the direction of exit.
23. Interior frame wall.
    a. Stud spacing & size.
    b. Headers.
    c. Design loads, Sound Room, Baptistery, Platform.
    d. Platform Design.
    e. Floor joist, size, spacing.
    f. Floor finish, (wood floor).
    g. Pressure treated

EnergyGauge FlaCom v 2.0

INPUT DATA REPORT

Project Information

Project Name: New Prj

Project Title: Mt. Carmel Baptist Church

Address: Enter Address here
Enter Address here

State: Florida

Zip: 0

Owner: Mt. Carmel Baptist Church

Orientation: East

Building Type: Religious Building

Building Classification: New Finished building

No.of Storeys: 1

GrossArea: 8750

Zones

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]	
1	Pr0Zo1	Zone 1	CONDITIONED	8750.0	1	8750.0	☐

Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multi plier	Total Area [sf]	Total Volume [cf]

In Zone: Pr0Zo1										
1	Pr0Zo1Sp1	Zo0Sp1	Worship-Pulpit, Choir	70.00	125.00	14.00	1	8750.0	122500.0	☐

Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No.of Ctrl pts	
In Zone: Pr0Zo1								
In Space: Pr0Zo1Sp1								
1	Recessed Fluorescent - No vent	General Lighting	1	13000	13000	Manual On/Off	25	☐

Walls

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Direction	Conductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1												
1	Pr0Zo1Wa1	0.75 in. stucco, 2x4x16" oc, R11Batt, 0.5 in. gyp	125.00	14.00	1	1750.0	South	0.1118	1.1829	14.94	8.94	☐
2	Pr0Zo1Wa2	0.75 in. stucco, 2x4x16" oc, R11Batt, 0.5 in. gyp	125.00	14.00	1	1750.0	North	0.1118	1.1829	14.94	8.94	☐
3	Pr0Zo1Wa3	0.75 in. stucco, 2x4x16" oc, R11Batt, 0.5 in. gyp	70.00	14.00	1	980.0	West	0.1118	1.1829	14.94	8.94	☐
4	Pr0Zo1Wa4	0.75 in. stucco, 2x4x16" oc, R11Batt, 0.5 in. gyp	70.00	14.00	1	980.0	East	0.1118	1.1829	14.94	8.94	☐

Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHG	Vis.Tr	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]

In Zone: Pr0Zo1											
In Wall: Pr0Zo1Wa1											
1	Pr0Zo1Wa1Wi1	User Defined	No	1.2500	0.82	0.76	3.00	6.00	5	90.0	☐
In Wall: Pr0Zo1Wa2											
1	Pr0Zo1Wa2Wi1	User Defined	No	1.2500	0.82	0.76	3.00	6.00	3	54.0	☐
In Wall: Pr0Zo1Wa3											
1	Pr0Zo1Wa3Wi1	User Defined	No	1.2500	0.82	0.76	3.00	6.00	3	54.0	☐
In Wall: Pr0Zo1Wa4											
1	Pr0Zo1Wa4Wi1	User Defined	No	1.2500	0.82	0.76	3.00	6.00	4	72.0	☐

Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1												
In Wall: Pr0Zo1Wa1												
1	Pr0Zo1Wa1Dr1	Wood door, 2 in.	No	3.00	7.00	2	21.0	0.4192	37.00	2.41	2.39	☐
In Wall: Pr0Zo1Wa2												
1	Pr0Zo1Wa2Dr1	Wood door, 2 in.	No	3.00	7.00	2	21.0	0.4192	37.00	2.41	2.39	☐
In Wall: Pr0Zo1Wa3												
1	Pr0Zo1Wa3Dr1	Wood door, 2 in.	No	3.00	7.00	2	21.0	0.4192	37.00	2.41	2.39	☐
In Wall: Pr0Zo1Wa4												
1	Pr0Zo1Wa4Dr1	Wood door, 2 in.	No	3.00	7.00	2	21.0	0.4192	37.00	2.41	2.39	☐

Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1												
1	Pr0Zo1Rf1	Shngl/1/2"WD Deck/WD Truss/6"Batt/Gyp Brd	125.00	70.00	1	8750.0	0.00	0.0471	1.40	10.89	21.24	☐

Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]
In Zone:										
In Roof:										

Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1										
1	Pr0Zo1Fl1	Concrete floor, carpet and rubber pad	125.00	70.00	1	8750.0	0.5987	9.33	140.00	1.67

Systems

Pr0Sy4 System 4 Constant Volume Packaged System No. Of Units 1

Component	Category	Capacity	Efficiency	IPLV
1	Cooling System (Air Cooled 240000 to 760000 Btu/h Cooling Capacity)	414000.00	10.00	10.00
2	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	13800.00	0.80	

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV

Water Heaters

	W-Heater Description	Capacit	Cap.Unit	I/P Rt.	Efficienc	Loss	
1	Electric water heater	6	[Gal]	10 [kW]	0.9800 [Ef]	[Btu/h]	☐

Ext-Lighting

Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]	
							☐

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?	
1	Domestic and Service Hot Water Systems	105.00	0.28	0.75	1.50	No	☐

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SHGC	VLT	
ASHULSglClrAll Frm	User Defined	1	1.2500	0.8200	0.7600	☐

Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHeat [Btu/lb.F]
18	Matl18	2 in. Wood	No	2.3857	0.1670	0.0700	37.00	0.3900
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000
151	Matl151	CONC HW, DRD, 140LB, 4IN	No	0.4403	0.3333	0.7570	140.00	0.2000
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300				
267	Matl267	0.75" stucco	No	0.1563	0.0625	0.4000	16.00	0.2000
266	Matl266	2x4@16" oc + R11 Batt	No	8.3343	0.2917	0.0350	9.70	0.2000
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000
81	Matl81	ASPHALT-ROOFING, ROLL	Yes	0.1500				
244	Matl244	PLYWOOD, 1/2IN	No	0.6318	0.0417	0.0660	34.00	0.2900

Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1001	Wood door, 2 in.	No	No	0.42	2.41	37.00	2.3857

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	18	2 in. Wood	0.1670	0.00

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1004	Concrete floor, carpet and rubber pad	No	No	0.60	9.33	140.00	1.6703

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	151	CONC HW, DRD, 140LB, 4IN	0.3333	0.00
2	178	CARPET W/RUBBER PAD		0.00

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1009	0.75 in. stucco, 2x4x16" oc, R11Batt, 0.5 in. gyp	No	No	0.11	1.18	14.94	8.9438

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	267	0.75" stucco	0.0625	0.00
2	266	2x4@16" oc + R11 Batt	0.2917	0.00
3	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1039	Shngl/1/2"WD Deck/WD Truss/6"Batt/Gyp Brd	No	No	0.05	1.40	10.89	21.2351

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	81	ASPHALT-ROOFING, ROLL		0.00
2	244	PLYWOOD, 1/2IN	0.0417	0.00
3	23	6 in. Insulation	0.5000	0.00
4	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00

Florida Energy Efficiency Code For Building Construction
Florida Department of Community Affairs

EnergyGauge FlaCom v 2.0 FORM 400A-2004
Whole Building Performance Method for Commercial Buildings
Not Effective Before July 1, 2005

Jurisdiction: JACKSONVILLE.TMY - B6

Short Desc: New Prj
Owner: Mt. Carmel Baptist Church
Address: Enter Address here
Enter Address here
City: Lake City
State: Florida
Zip: 0

Type: Religious Building
Class: New Finished building

Project: Mt. Carmel Baptist Church

PermitNo: 0
Storeys: 1

GrossArea: 8750
Net Area: 8750

Max Tonnage: 35 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	13,631.13	15,893.81	**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**None Entered**
HVAC SYSTEM			**PASSES**
PLANT			**None Entered**
WATER HEATING SYSTEMS			**PASSES**
PIPING SYSTEMS			**PASSES**
Met all required compliance from Check List?			**Yes/No/NA**

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

COMPLIANCE CERTIFICATION:

James L Burch **PREPARED BY:** James L. Burch **DATE:** 11.12.05 **OWNER AGENT:** _____ **DATE:** _____	**BUILDING OFFICIAL:** _____ **DATE:** _____

		REGISTRATION No.
ARCHITECT :	Robert W. Meissner	
ELECTRICAL SYSTEM DESIGNER:		
LIGHTING SYSTEM DESIGNER:		
MECHANICAL SYSTEM DESIGNER:	James L. Burch	PE/12465
PLUMBING SYSTEM DESIGNER:	James L. Burch	

Project: New Prj
Title: Mt. Carmel Baptist Church
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Whole Building Compliance

	Design	Reference
Total	*85.93*	*100.00*
	$13,631.13	*$15,893.81*
ELECTRICITY(MBtu/kWh/$)	85.93 266,754.00 *$13,631.13*	100.00 310,426.00 *$15,893.81*
AREA LIGHTS	12.83 39,813.00 *$2,034.44*	20.72 64,315.00 *$3,292.93*
MISC EQUIPMT	4.13 12,820.00 *$655.10*	4.13 12,820.00 *$656.38*
PUMPS & MISC	0.02 59.00 *$3.01*	0.02 59.00 *$3.02*
SPACE COOL	37.80 117,358.00 *$5,996.99*	40.08 124,422.00 *$6,370.41*
VENT FANS	31.15 96,704.00 *$4,941.57*	35.05 108,810.00 *$5,571.07*

Credits & Penalties (if any): Modified Points: = 85.93 **PASSES**

External Lighting Compliance

Description	Category	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)

None

Project: New Prj
Title: Mt. Carmel Baptist Church
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	,001	Worship-Pulpit, Choir	8,750	1	25	4	PASSES

PASSES

Project: New Prj
Title: Mt. Carmel Baptist Church
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

System Report Compliance

Pr0Sy4 System 4 Constant Volume Packaged System No. of Units 1

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled 240000 to 760000 Btu/h Cooling Capacity		10.00	9.50	10.00	9.70	PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.90			PASSES

PASSES

Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Comp liance

None

Project: New Prj
Title: Mt. Carmel Baptist Church
Type: Religious Building
(WEA File: JACKSONVILLE.TMY)

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Comp liance
Water Heater 1	Electric water heater	<= 12 [kW]	0.98	0.92			PASSES

PASSES

Project: New Prj
Title: Mt. Carmel Baptist Church
Type: Religious Building
(WEA File: JACKSONVILL

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
Domestic and Service Hot Water Systems	0.75	False	105.00	0.28	1.50	0.50	PASSES

PASSES

Project: New Prj
Title: Mt. Carmel Baptist Church
Type: Religious Building
(WEA File: JACKSONVILL

Other Required Compliance

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

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LOGIC Software Group
Advanced Engineering Concepts
Bainbridge, Georgia 39819
(229) 248-0105

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11:56 LOGIC 5000 ASHRAE CLTD LOAD CALCULATION 11/12/10

MT CARMEL BAPTIST CHURCH
LAKE CITY, FLORIDA

Prepared for : ROBERT W. MEISSNER, PE-PERRY, FLORIDA
Prepared by : JAMES L. BURCH,PE 12465

DESIGN CONDITIONS for Load File : C:\LNXLOGIC\DATA\MTCAR.N41

Month: AUGUST	Time : 1200 hr	Latitude 30 degrees
Winter Inside DB 72	Winter Outside DB 25	Indoor Winter Humidity 25%
Summer Inside DB 75	Summer Outside DB 95	Daily Range 19
Summer Outside WB 76	Indoor Summer Humidity 55%	Dehumidification 34.5 Grair

		AREA SqFt	BTUH Sen Loss	BTUH Sen Gain	BTUH Lat Gai
ROOM	BLOCK LOAD in zone 1	8,750			
People	400 Assembly hall, Churc 100% Occupied			84,000	56,0C
Lights	LIGHT Bal Fac = 1.20 (100%)			53,196	
Motors	0.33 (1/3) HP Split 100% Operating			1,500	
Wall	R13, plywood sheathi Grp=D Facing S	1,654	5,908	1,137	
	U=0.08 CLTDsun=9.3 Shade Line 3.2 ft				
Window	1 Clear 1/4" No Shading	54	2,792	3,346	
	U=1.04 Shd Fac=0.94 SHGFsun=59.6				
Door	Wood Man Doors: Soli	42	908	181	
	U=0.46 INFw=30 CFM INFs=15 CFM				
Wall	R13, plywood sheathi Grp=D Facing N	1,654	5,908	849	
	U=0.08 CLTDsun=6.8 Entirely Shaded				
Window	1 Clear 1/4" No Shading	54	2,792	2,149	
	U=1.04 Shd Fac=0.94 SHGFsun=28.5				
Door	Wood Man Doors: Soli	42	908	130	
	U=0.46 INFw=30 CFM INFs=15 CFM				
Wall	R13, plywood sheathi Grp=D Facing W	884	3,158	617	
	U=0.08 CLTDsun=9.2 Shade Line 0.0 ft				
Window	1 Clear 1/4" No Shading	54	2,792	2,262	
	U=1.04 Shd Fac=0.94 SHGFsun=30.7				
Door	Wood Man Doors: Soli	42	908	178	
	U=0.46 INFw=30 CFM INFs=15 CFM				
Wall	R13, plywood sheathi Grp=D Facing E	866	3,093	1,375	
	U=0.08 CLTDsun=20.9 Shade Line 0.0 ft				
Window	1 Clear 1/4" No Shading	72	3,722	7,175	
	U=1.04 Shd Fac=0.94 SHGFsun=92.2				
Door	Wood Man Doors: Soli	42	908	404	
	U=0.46 INFw=30 CFM INFs=15 CFM				

		AREA SqFt	BTUH Sen Loss	BTUH Sen Gain	BTUH Lat Gain
oof	Wd or Mtl Joists and Etd Grp=R4 U=0.06 CLTDsun=33.7	8,750	24,675	17,686	
loors	Cncrt slb on Grd: No U=0.81	390	14,847	0	
OOM LOAD SUMMARY - BLOCK LOAD in zone 1					
Infiltration Win=1345 CFM Sum=877 CFM			69,537	15,073	20,555
Subtotal Space Load			142,856	191,256	76,555
Room Design Load			142,856	191,256	76,555
CFM needed to satisfy load	9,659 CFM				
Ventilation (outside air)	3,200 CFM		165,440	55,018	75,030
Humidification Load 81 Gal/Day			29,911		
Room Equipment Load			338,207	246,274	151,585
TRUCTURE SUMMARY					
Space Load		8,750	142,856	191,256	76,555
Ventilation (outside air) Load			165,440	55,018	75,030
Humidification Load 81 Gal/Day			29,911		
Structure Equipment Load			338,207	246,274	151,585

CERTIFICATE 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 09-4S-16-02826-000 **Building permit No.** 000023878

Use Classification CHURCH **Fire:** 0.00

Permit Holder KARL R. WEISS **Waste:**

Owner of Building MT. CARMEL BAPTIST CHURCH OF LAKE C **Total:** 0.00

Location: 1205 SW MT. CARMEL AVE

Date: 06/15/2006

John Kence

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

23878

LAKE CITY / COLUMBIA COUNTY
FIRE DEPARTMENT

225 NW Main Blvd., Suite 101, Lake City, FL 32055
Phone: 386-752-3312 Fax: 386-758-5424

Alphonso Wilson
Fire Chief

Inspection Division

Firesafety Inspectors

Carlton A. Tunsil
Assistant Fire Chief

Frank E. Armijo
Captain

Nathiel L. Williams, Sr.
Driver/Engineer

TO: Joe Haltiwanger

FROM: Carlton Tunsil, Assistant Fire Chief
State Fire Inspector License #48544

DATE: 6/14/06

SUBJECT: Fire Safety Inspection

A fire safety inspection was performed today at Mount Carmel Baptist Church located at the end of troy Rd off Hwy 247 in Lake City; FL. This Facility meets all requirements of Chapter 12 of the Florida Fire Prevention Code, 2003 Edition. No violations were noted. I recommend approval.

Carlton Tunsil

Carlton Tunsil, Assistant Fire Chief
State Fire Inspector License #48544