DATE 05/25/2005

Columbia County Building Permit

PERMIT
000023197

This Permit Expires One Year From the Date of Issue

APPLICANT DAVE OUTTEN PHONE 386 965-5161

ADDRESS 3321 OLD HIGHWAY 10E WELLBORN FL 32094

OWNER SHILOH BAPTIST CHURCH PHONE 454-4978

ADDRESS 173 SW SHILOH ST FT. WHITE FL 32038

CONTRACTOR ELDRIDGE DAVID OUTTEN PHONE 386 965-5161

LOCATION OF PROPERTY 47S, TL ON 27, APPROXIMATELY 4 MILES ON RIGHT

TYPE DEVELOPMENT CHURCH ESTIMATED COST OF CONSTRUCTION 390000.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS METAL ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 32

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 13-7S-16-04199-000 SUBDIVISION _____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 4.61

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CGC015235	Dave Outten

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	02-0377-N	BK		N

COMMENTS: NOC ON FILE

SLAB/PERMIT #22807

Check # or Cash 4492

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by (footer/Slab)

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 $ 1950.00 CERTIFICATION FEE $ .00 SURCHARGE FEE $ .00

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

FLOOD ZONE DEVELOPMENT FEE $ _____ CULVERT FEE $ _____ **TOTAL FEE** 1,950.00

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

~~350.00~~ 1,950.00

Revised 9-23

For Office Use Only Application # 0502-35 Date Received 2-11-05 By LH Permit # 23197 22807

Application Approved by - Zoning Official BLK Date 11.02.05 Plans Examiner JTL DK Date 2-11-

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

FOUNDATION ONLY

Comments

Applicants Name Construction Management LLC Phone 386-965-5161

Address 3321 Old Hwy 10E, Wellborn, FL. 32094 (Physical) (Mailing) PO Box 212 Wellborn, FL

Owners Name Shiloh Baptist Church Phone 386-454-4978

911 Address 173 SW Shiloh St., Ft. White, FL. 32038

Contractors Name Eldridge David Outten Phone 386-965-5161

Address 3321 Hwy 10 E. Wellborn, FL. 32094(physical)(PO Box 212Wellborn, FL.3209 (Mailing)

Fee Simple Owner Name & Address Shiloh Baptist Church RR 1 Box 2145 Ft White, FL.3203

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Adams & Adams, 255 Silver Lake Rd. Palatka, Fl.3217

Mortgage Lenders Name & Address Peoples Bank 350 SW Main Blvd, Lake City, FL.

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

Property ID Number See Attached legal Estimated Cost of Construction ~~$490K~~ $390K

Subdivision Name See legal Lot ___ Block ___ Unit ___ Phase ___

Driving Directions From traffic light in Ft. White, (US 27). Go SE on Hwy 27 toward High Springs aprx 4 mi. Church on Right.

Type of Construction Pre-Fab Metal CHURCH Number of Existing Dwellings on Property N/A

Total Acreage 4.61 A Lot Size ___ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Dri

Actual Distance of Structure from Property Lines - Front 80' Side N 120' Side S 130' Rear 210'

Total Building Height 32' Number of Stories 1 Heated Floor Area 7000 Roof Pitch 5:12

Steeple Height 24' Total of 56' building & Steeple

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 o 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)

MILDRED J. KING
MY COMMISSION # DD 181682
EXPIRES: April 16, 2007
Bonded Thru Notary Public Underwriters

Contractor Signature

Contractors License Number CGC 015235

Competency Card Number

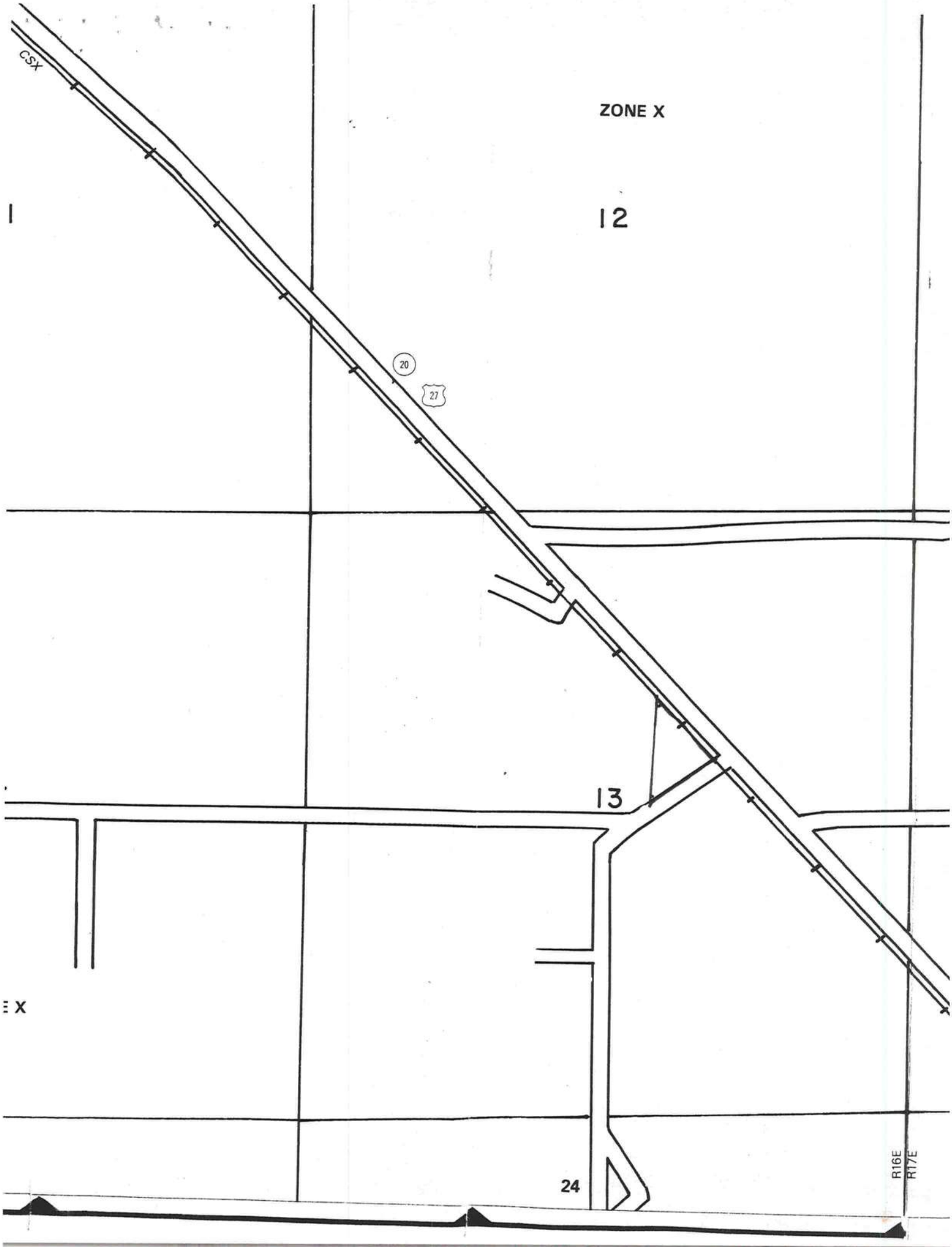
NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 1st day of Feb. 2005.

Personally known ___ or Produced Identification ✓

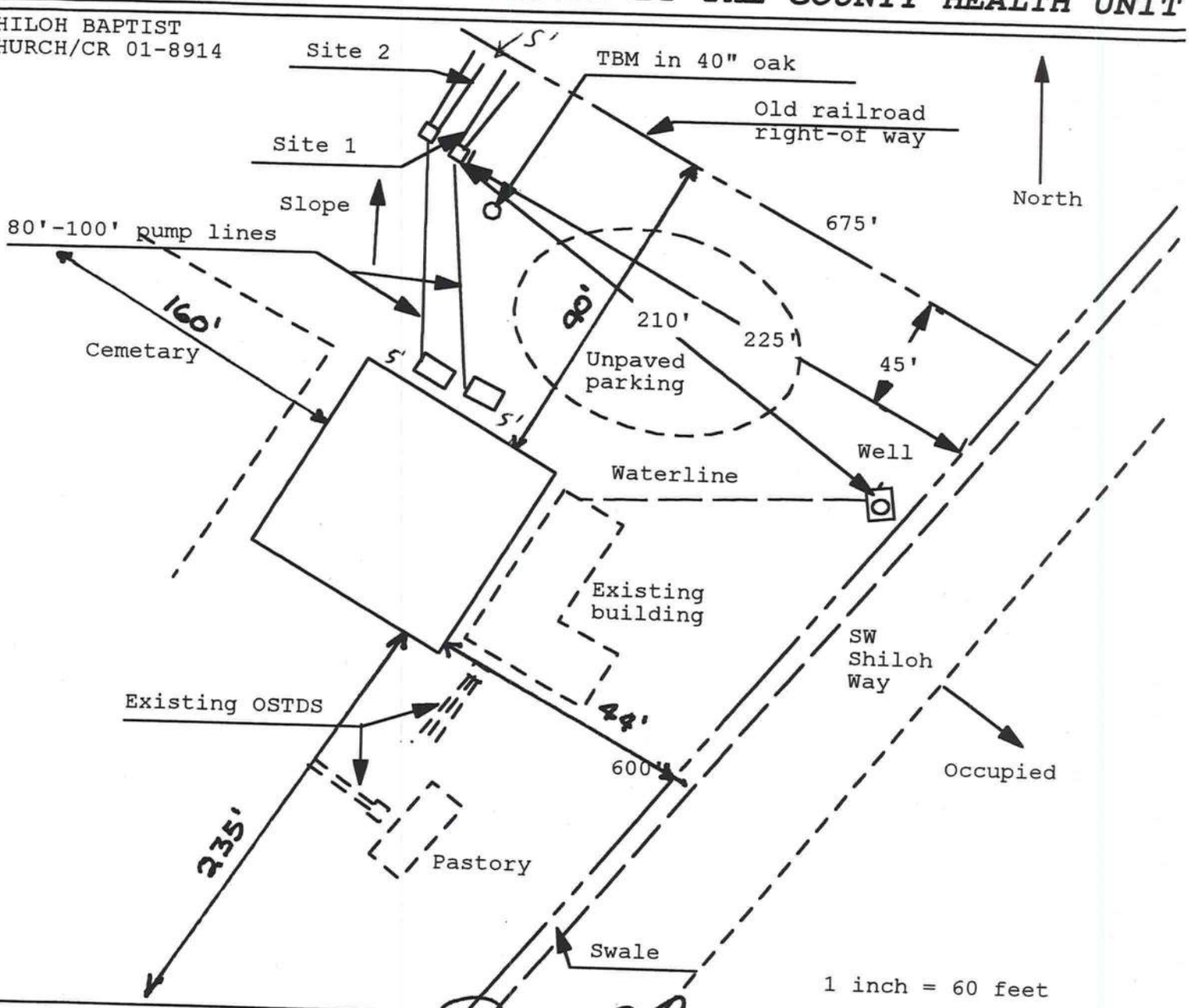
Notary Signature


CSX
ZONE X
1
12
20
27
13
E X
24
R16E
R17E

ation for Onsite Sewage Disposal System
struction Permit. Part II Site Plan
ermit Application Number: 02-0377N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

SHILOH BAPTIST
CHURCH/CR 01-8914



Site Plan Submitted By Paul Lloyd Date 5/14/02
Plan Approved ✓ Not Approved ____ Date 5/14/02
By Paul Lloyd / Jh Arceney ES, Columbia CPHU
Notes:

CamaUSA Appraisal System
15:08 **Legal Description Maintenance**

Columbia County

Property
13-7S-16-04199-000
--
SHILOH BAPTIST CHURCH

Sel

20440	**Land**	**002**	
	AG	**000**	
182273	**Bldg**	**003**	*
200	**Xfea**	**001**	*
202913	**TOTAL**		**B**

1 BEG WHERE N LINE OF GRD RD INTERS W LINE OF ACL RR, RUN 2
3 SW 600 FT, N 840.21 FT TO W R/W OF ACL RR, SE ALONG R/W 4
5 675.94 FT TO POB. 6
7 8
9 10
11 12
13 14
15 16
17 18
19 20
21 22
23 24
25 26
27 28

Mnt **9/11/1997 TERR**

F1=Task F3=Exit F4=Prompt F10=GoTo PGUP/PGDN F24=MoreKeys

SUWANNEE RIVER WATER MANAGEMENT DISTRICT
9225 CR 49
LIVE OAK, FLORIDA 32060
TELEPHONE: (904) 362-1001
TELEPHONE: 800-226-1066
FAX (904) 362-1056

NOTICED GENERAL PERMIT

PERMITTEE:
LARRY ALLEN
380 SOUTHWEST ROCILLE GLN
FORT WHITE, FL 32038

PERMIT NUMBER: ERP02-0256
DATE ISSUED: 05/31/2002
DATE EXPIRES: 05/31/2004
COUNTY: COLUMBIA
TRS: S13/T7S/R16E

PROJECT: SHILOH NEW WORSHIP CENTER

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

LARRY ALLEN
380 SOUTHWEST ROCILLE GLN
FORT WHITE, FL 32038

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:

Construction and operation of a surfacewater management system serving 7338 square feet of impervious surface on a total project area of 0.25 acres, in a manner consistent with the application package submitted by Larry E. Allen on May 28, 2002.

It is your responsibility to insure 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 a duration of two years.

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 1/14 31, 2002
District Staff

frank j holas and associates, inc.
engineering support to the construction industry

Consulting Engineers
Frank J. Holas, P.E.
President

August 8, 2004

Columbia County Building Department
Building and Zoning
Fort White, Florida

Attention Harry, Plans building official

Subject: Question form your office regarding the plans for the Shiloh Baptist Church New Worship Center.

The plans for this project were prepared in 2001. The energy audit was completed to the 2001 standard. A new energy audit has been prepared and includes the manual "N".

The wind load data has been added to the project information sheet and can be attached to the plans.

There is greater than 10' separation between the old and new building

The actual soil loading for the 16 footers with a 20 psf Dead load and a 10 psf dead load is less than a 1000psf. The building supplier should have at least the loads I have indicated in his building submittal. With standard compaction prior to placing concrete, I believe the soil in your County is capable of these loads.

Should you have further questions, please contact me at 904-268-0148.

Sincerely yours,

Frank Holas, P.E.

P.O. Box 23656 • Jacksonville, FL 32241-3656 • Office (904) 268-0148 • Fax (904) 262-8160

R

8

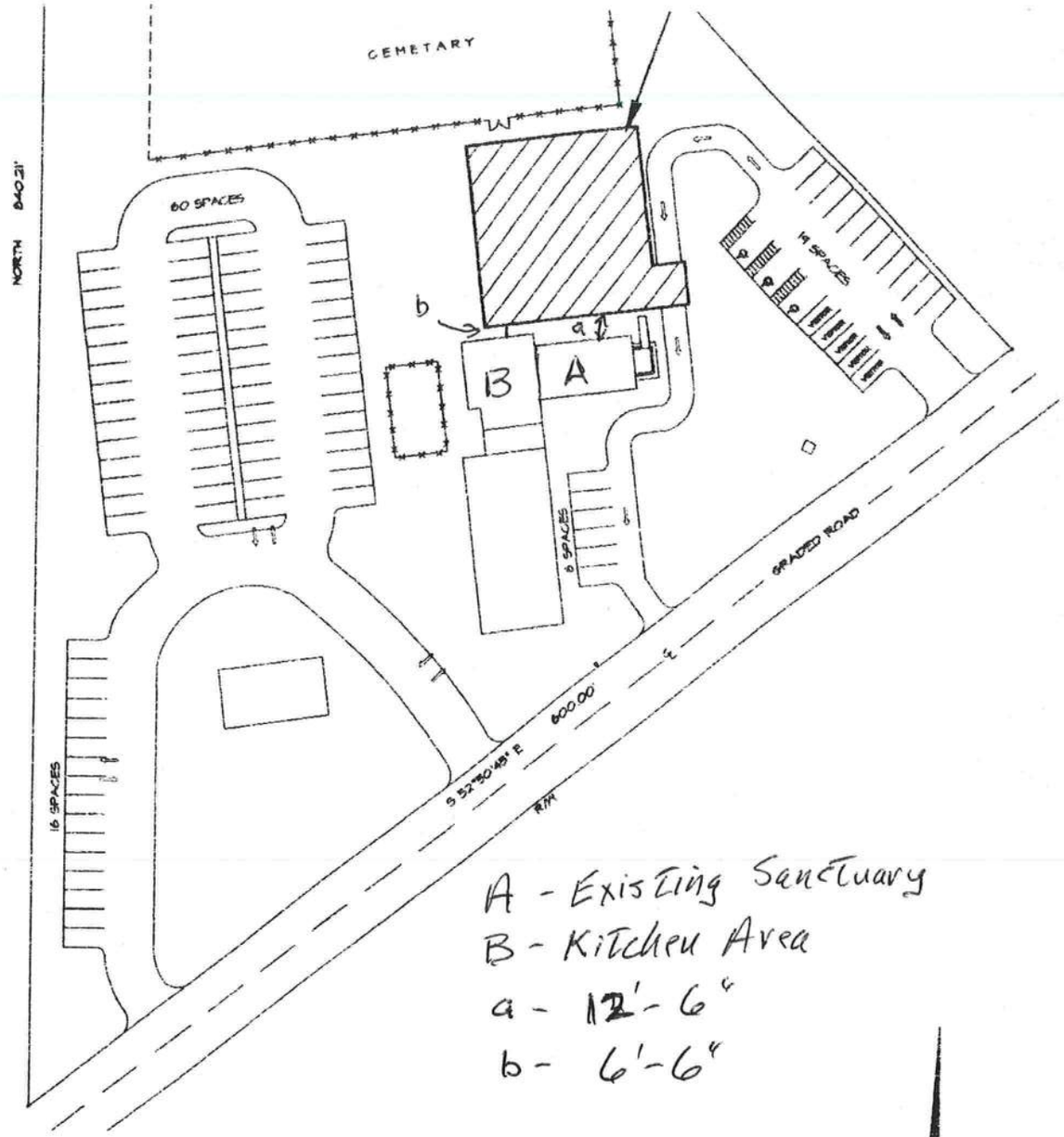
NTS

HANICAL ENGINEERING

J. HOLAS & ASSOCIATES, INC.
OX 23656
NVILLE, FLORIDA 32241-3656
96-0884
99-0677 FAX

CTRICAL ENGINEERING

J. HOLAS & ASSOCIATES, INC.
OX 23656
NVILLE, FLORIDA 32241-3656
96-0884
99-0677 FAX



A - Existing Sanctuary
B - Kitchen Area
a - 12'-6"
b - 6'-6"

PARTIAL SITE PLAN

N.T.S.

Adams & Adams, Inc.
Designers/Planners of Christian Worship Facilities
255 Silver Lake Road
Palatka, FL 32177
386-328-4449

August 30, 2004

To: Mr. Harry Dicks
Columbia County Building Department

From: Aldon C. Adams
Church Designer

Subject: Shiloh Baptist Church, Ft. White

At your request, the following information is provided regarding the construction of the stairs to the baptistry mezzanine level:

1) It is anticipated that the top level of the fiberglass baptistry will be 76" above the finish floor level (a.f.f.) of the church.

2) The pulpit platform will be 28" a.f.f., or four (4) seven inch risers with minimum 11" treads wrapping all along the front of the pulpit platform complying with section 1007.3.1 of the code.

3) The remaining 48" to the top of the balcony (76" - 28" = 48") will be achieved with seven (7) risers of 6.857" (or about 6-7/8"), again complying with section 1007.3.1 of the code.

4) All treads will be a minimum of 11" in accordance with section 1007.3.1 of the code.

5) The stairwells with the seven risers described in paragraph 3 above will be not less than 44", in accordance with all provisions of section 1007.6 and Table 1004 of the code.

6) The stairwells with the seven risers described in paragraph 3 above shall have handrails which will comply with the provisions of section 1007.5.

Sincerely,

Aldon C. Adams

copy: F & G Construction Inc.

frank j holas and associates, inc.
engineering support to the construction industry

Consulting Enginee
Frank J. Holas, P.E
President

October 11, 2004

Columbia County Building Dept.
P.O. Drawer 1529
Lake City, Florida 32056

RE: Shiloh Baptist Church
Fort White, Florida

Exterior walls that are less than 10 L.F. from existing buildings shall have a min. fire rating of 1 Hr. per FBC Table 600. Windows in these walls shall be limited to 10% of the wall area and opening protectives of 3/4 Hr. per FBC table 705.1.2.

Should you have any questions, please feel free to contact me at (904) 268-0148.

Sincerely,

Frank J. Holas, P.E.

P.O. Box 23656 • Jacksonville, FL 32241-3656 • Office (904) 268-0148 • Fax (904) 262-8160

frank j holas and associates, inc.
engineering support to the construction industry

Consulting Engineers
Frank J. Holas, P.E.
President

August 8, 2004

Columbia County Building Department
Building and Zoning
Fort White, Florida

Attention Harry, Plans building official

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The actual soil loading for the 16 footers with a 20 psf Dead load and a 10 psf dead load is less than a 1000psf. The building supplier should have at least the loads I have indicated in his building submittal. With standard compaction prior to placing concrete, I believe the soil in your County is capable of these loads.

Should you have further questions, please contact me at 904-268-0148.

Sincerely yours,

Frank Holas, P.E.

P.O. Box 23656 • Jacksonville, FL 32241-3656 • Office (904) 268-0148 • Fax (904) 262-8160

CONSTRUCTION MANAGEMENT, LLC
1204 SE 46th Loop
Keystone Heights, FL 32656
386-965-5161

February 8, 2005

Mr. John Kerce, Building Official
Columbia County Building & Zoning Department
135 NE Hernando Ave, Suite B21
Lake City, FL 32055

Subject: Shiloh Baptist Church
Ft. White, FL

Dear Mr. Kerce:

Mr. Joe Haltiwanger requested additional information be provided regarding square footages and separation dimensions of the New Sanctuary from the Existing Sanctuary & Kitchen area. Attached please find a modified site plan with the dimension requested.

The Existing Sanctuary dimensions are approximately 30'-0" x 47'-6" yielding 1,425 square feet. The adjoining Kitchen area dimensions are approximately 36'-4" x 42'-0", less a 10'-7" x 6'-0" area in the NW corner. This yields 1,393 square feet.

The distance from the New Sanctuary building line to the Existing Kitchen area is approximately 6'-6" and 12'-6" from the Existing Sanctuary.

Thank you.

Sincerely,

Construction Management, LLC.

Attachment

DATE 02/11/2005

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000022807

APPLICANT ELDRIDGE DAVID OUTTEN PHONE 386-965-5161

ADDRESS 3321 HWY 10 E WELBORN FL 32094

OWNER SHILOH BAPTIST CHURCH PHONE 454-4978

ADDRESS 173 SW SHILOH ST FORT WHITE FL 32038

CONTRACTOR ELDRIDGE DAVID OUTTEN PHONE 386-965-5161

LOCATION OF PROPERTY 47 S, L 27, R SHILOH ST, 1ST ON THE RIGHT
SHILOH CHURCH

TYPE DEVELOPMENT CHURCH FOUNDATION ESTIMATED COST OF CONSTRUCTION 90000.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT ____ STORIES ____

FOUNDATION CONCRETE WALLS _____ ROOF PITCH _____ FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

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

PARCEL ID 13-7S-16-04199-000 SUBDIVISION _____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 4.61

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
		CGC015235	David Outten	
EXISTING	02-0377-N	BK	HD	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: FOUNDATION PERMIT ONLY-REST OF THE PERMIT PULLED AT A LATER DATE
SRWMD PERMIT INCLUDED/ REFERENCE VOID PERMIT 22442
FLOOR 1 FOOT ABOVE THE ROAD/PERMIT PAID FOR BY SHILOH CHURCH Check # or Cash 4379

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power _____ date/app. by Foundation _____ date/app. by Monolithic _____ (footer/Slab) date/app. by

Under slab rough-in plumbing _____ date/app. by Slab _____ date/app. by Sheathing/Nailing _____ date/app. by

Framing _____ Rough-in plumbing above slab and below wood floor

COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number R04199-000

1. Description of property: (legal description of the property and street address or 911 address)
A parcel of land lying in the West ½ of the Northeast ¼ of Sect 13 Township 7 South, Range 16 East, Columbia County.
13-7S-16 7100 4.61 acres
Beginning where N Line of grd Rd inters W line of ACL RR, ren SW 600 ft, N 840.21 ft to W R/W of ACL RR, SE along R/W 675.94 ft to POB.

2. General description of improvement: New construction-Pre engineered metal building. Masonry walls, Standing seam roof, suspended tile ceiling. Heated, cooled, carpet.

3. Owner Name & Address Shiloh Baptist Church, RR #1 Box 2145 Ft. White, FL. 32038
Interest in Property 100%

4. Name & Address of Fee Simple Owner (if other than owner): Same

5. Contractor Name Construction Management LLC Phone Number 386-965-5161
Address 1204 SE 46th Loop Keystone Heights, FL. 32656

6. Surety Holders Name N/A Phone Number
Address
Amount of Bond None

7. Lender Name Peoples Bnak (Chris Dampier) Phone Number 386-754-0002
Address 350 SW Main Blvd. Lake City, FL.

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name Mark Driskell, Pastor Phone Number 386-454-4978
Address RR 1, Box 2145, Ft. White, FL. 32038

9. In addition to himself/herself the owner designates None of
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee

10. Expiration date of the Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified)
(Unless a different date is specified) MK

Inst:2005008922 Date:04/19/2005 Time:09:01
DC,P.DeWitt Cason,Columbia County B:1043 P:1964

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Signature of Owner
FLDL-D624-545-57-3750

Sworn to (or affirmed) and subscribed before day of April 13, 2005

NOTARY STAMP/SEAL

MILDRED J. KING
MY COMMISSION # DD 181682
EXPIRES: April 16, 2007
Bonded Thru Notary Public Underwriters

Signature of Notary

AUG 0 6 2004

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: Shilo
Owner: Shilo baptist Church
Address:

Project: Shilo Baptist Church Worship Center

City: Ft White
State: Fl
Zip: 0

PermitNo: 0
Storeys: 1

204

Type: Assembly
Class: New Finished building

GrossArea: 7338
Net Area: 7338

20705

Max Tonnage: 8 (if different, write in)

Compliance Summary

Component	Design	Criteria	Result
Gross Energy Use	95.26	100.00	**PASSES**
Other Envelope Requirements - A			**PASSES**
LIGHTING CONTROLS			**PASSES**
EXTERNAL LIGHTING			**PASSES**
HVAC SYSTEM			**PASSES**
PLANT			**PASSES**
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 FlaCom of this design building must be submitted along with this Compliance Report.

COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code. **PREPARED BY:** RBEllis **DATE:** 8/2/04 I hereby certify that this building is in compliance with the Florida Energy Efficiency Code. **OWNER AGENT:** _____ **DATE:** _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed, this building will be inspected for compliance in accordance with Section 553.908, F.S. **BUILDING OFFICIAL:** _____ **DATE:** _____

If required by Florida law, I hereby certify (*) that the system design is in compliance with the Florida Energy Code.

		REGISTRATION No.
ARCHITECT :		
ELECTRICAL SYSTEM DESIGNER:		
LIGHTING SYSTEM DESIGNER:		
MECHANICAL SYSTEM DESIGNER:	FRANK ADLAS	FL 12564
PLUMBING SYSTEM DESIGNER:		

(*) 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: Shilo
Title: Shilo Baptist Church Worship Center
Type: Assembly
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACKSO

Whole Building Compliance

	Design	Reference
Total	*95.26*	*100.00*
ELECTRICITY	95.26	100.00
AREA LIGHTS	29.57	29.57
MISC EQUIPMT	4.62	4.62
PUMPS & MISC	0.04	0.04
SPACE COOL	21.94	28.24
SPACE HEAT	8.37	6.80
VENT FANS	30.73	30.73

Credits & Penalties (if any): Modified Points: = 95.27 PASSES

Project: Shilo
Title: Shilo Baptist Church Worship Center
Type: Assembly
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACKSO

Other Envelope Requirements

Item	Zone	Description	Design	Limit	Meet Req.
Pr0Zo1Rf1	Pr0Zo1	Exterior Roof - Max Uo Limit	0.05	0.09	Yes
Pr0Zo1Rf2	Pr0Zo1	Exterior Roof - Max Uo Limit	0.09	0.09	Yes

Meets Other Envelope Requirements

External Lighting Compliance

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

None

Project: Shilo
Title: Shilo Baptist Church Worship Center
Type: Assembly
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACKSO

Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	No. of Tasks	Design CP	Min CP	Compli-ance
Pr0Zo1Sp1	1	Auditorium	7,338	1	8	8	PASSES

PASSES

Project: Shilo
Title: Shilo Baptist Church Worship Center
Type: Assembly
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACKSO

System Report Compliance

Pr0Sy2 **System 2** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. of Units 2**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled < 65000 Btu/h Cooling Capacity		11.00	10.00			PASSES
Heating System	Electric Furnace		1.00	1.00			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.80			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.80			PASSES
Air Distribution System	ADS System		6.00	4.20			PASSES

Pr0Sy3 **System 3** **Constant Volume Packaged System** **No. of Units 2**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Comp-liance
Cooling System	Air Cooled 65000 to 135000 Btu/h Cooling Capacity		11.00	8.90	8.30	8.30	PASSES
Heating System	Electric Furnace		1.00	1.00			PASSES
Air Handling System -Supply	Air Handler (Supply) - Constant Volume		0.80	0.80			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.80	0.80			PASSES
Air Distribution System	ADS System		6.00	4.20			PASSES

PASSES

Plant Compliance

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

None

Project: Shilo
Title: Shilo Baptist Church Worship Center
Type: Assembly
Location: COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)
(WEA File: JACKSO

Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
Water Heater 1	Instantaneous Water heaters - Electric	All ratings					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

None

Project: Shilo
Title: Shilo Baptist Church Worship Center
Type: Assembly
Location: COLUMBIA COUNT

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	☒
Electrical	413.1	Metering criteria have been met	☐
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?	☒

ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

EnergyGauge FlaCom v1.22

INPUT DATA REPORT

Project Information

Project Name: Shilo

Project Title: Shilo Baptist Church Worship Center

Address:

State: Fl

Zip: 0

Owner: Shilo baptist Church

Orientation: North

Building Type: Assembly

Building Classification: New Finished building

No.of Storeys: 1

GrossArea: 7338

Zones

No	Acronym	Description	Type	Load Profile	Area [sf]	Multiplier	Total Area [sf]	
1	Pr0Zo1	Zone 1	CONDITIONED	Uses Building Load Profile	7338.0	1	7338.0	☐

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	Auditorium	10.00	733.80	10.00	1	7338.0	73380.0

Lighting

No	Type	Power [W]	Control Type	No.of Ctrl pts
In Zone: Pr0Zo1				
In Space: Pr0Zo1Sp1				
1	Compact Fluorescent	11740.00	Manual On/Off	8

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	8"CMU/R-5 / Gyp	356.00	10.00	1	3560.0	North	0.1215	9.6843	55.31	8.23

Windows

No	Description	Type	Shaded	UCen [Btu/hr sf F]	SC	Vis.Tr	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]
In Zone: Pr0Zo1										
In Wall: Pr0Zo1Wa1										
1	Pr0Zo1Wa1Wi1	SINGLE CLEAR	No	1.0018	0.95	0.88	64.00	8.00	1	512.0

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	Aluminum door, 1.25 in. polystyrene	No	3.00	7.00	4	21.0	0.1919	43.67	0.53	5.21

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	Suspended Ceiling/R-19 Batt	758.60	10.00	1	7586.0	0.00	0.0489	0.99	9.11	20.45
2	Pr0Zo1Rf2	Knee Wall/R-11 Batt	55.50	10.00	1	555.0	0.00	0.0957	0.52	8.86	10.45

Skylights

No	Description	Type	UCen [Btu/hr sf F]	Shading Coeff	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	733.80	10.00	1	7338.0	0.5987	9.33	140.00	1.67	☐

Systems

Pr0Sy2 **System 2** **Constant Volume Air Cooled Split System < 65000 Btu/hr** **No. Of Units 2**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled < 65000 Btu/h Cooling Capacity)	48000.00	11.00		☐
2	Heating System (Electric Furnace)	12000.00	1.00		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	1600.00	0.80		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	1600.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

Pr0Sy3 **System 3** **Constant Volume Packaged System** **No. Of Units 2**

Component	Category	Capacity	Efficiency	IPLV	
1	Cooling System (Air Cooled 65000 to 135000 Btu/h Cooling Capacity)	90000.00	11.00	8.30	☐
2	Heating System (Electric Furnace)	20000.00	1.00		☐
3	Air Handling System -Supply (Air Handler (Supply) - Constant Volume)	3000.00	0.80		☐
4	Air Handling System - Return (Air Handler (Return) - Constant Volume)	3000.00	0.80		☐
5	Air Distribution System (ADS System)		6.00		☐

Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV	
						☐

Water Heaters

	W-Heater Description	Capacit	Cap.Unit	I/P Rt.	Efficienc	Loss
1	Instantaneous Water heaters - Electric	[Not Req]		5 [kW]	[EF]	[Not Req]

Ext-Lighting

Description	Categories.	Area/Len/No. of units [sf/ft/No]	Wattage [W]

Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?

Fenestration Used

Name	Glass Type	No. of Panes	Glass Conductance [Btu/h.sf.F]	SC	VLT	Frame Conductance [Btu/h.sf.F]	Frame Absorptance
ApLbWnd1	SINGLE CLEAR	1	1.0018	0.9500	0.8810	0.4340	0.7000

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	☐
264	Matl264	ALUMINUM, 1/16 IN	No	0.0002	0.0050	26.0000	480.00	0.1000	☐
214	Matl214	POLYSTYRENE, EXP., 1-1/4IN,	No	5.2100	0.1042	0.0200	1.80	0.2900	☐
187	Matl187	GYP OR PLAS BOARD,1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000	☐
206	Matl206	CELLULOSE,FILL,5.5IN,R-20	No	20.8318	0.4583	0.0220	3.00	0.3300	☐
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					☐
265	Matl265	Soil, 1 ft	No	2.0000	1.0000	0.5000	100.00	0.2000	☐
48	Matl48	6 in. Heavyweight concrete	No	0.5000	0.5000	1.0000	140.00	0.2000	☐
123	Matl123	CONC BLOCK MW,8IN,HOLLOW	No	1.7227	0.6667	0.3870	53.00	0.2000	☐
159	Matl159	CONC HW-UNDRD-140LB-4IN	No	0.3202	0.3333	1.0410	140.00	0.2000	☐
57	Matl57	3/4 in. Plaster or gypsum	No	0.1488	0.0625	0.4200	100.00	0.2000	☐
72	Matl72	AIR LAYER, 3/4IN OR LESS, VERT. WALLS	Yes	0.9000					☐
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	☐
215	Matl215	POLYSTYRENE, EXP., 2IN,	No	8.3350	0.1667	0.0200	1.80	0.2900	☐
105	Matl105	CONC BLK HW, 8IN, HOLLOW	No	1.1002	0.6667	0.6060	69.00	0.2000	☐
256	Matl256	WOOD, SOFT, 1-1/2IN	No	1.8939	0.1250	0.0660	32.00	0.3300	☐
268	Matl268	0.625" stucco	No	0.1302	0.0521	0.4000	16.00	0.2000	☐
42	Matl42	8 in. Lightweight concrete block	No	2.0212	0.6670	0.3300	38.00	0.2000	☐
269	Matl269	.75" ISO BTWN24" oc	No	2.2321	0.0625	0.0280	4.19	0.3000	☐
86	Matl86	BRICK, COMMON, 4IN	No	0.8012	0.3333	0.4160	120.00	0.2000	☐

211	Matl211	POLYSTYRENE,EXP.,1/2IN,	No	2.0850	0.0417	0.0200	1.80	0.2900	☐
12	Matl12	3 in. Insulation	No	10.0000	0.2500	0.0250	2.00	0.2000	☐
218	Matl218	POLYURETHANE,EXP.,1/2 IN,	No	3.2077	0.0417	0.0130	1.50	0.3800	☐
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000	☐
4	Matl4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000	☐
271	Matl271	2x4@24" oc + R11 Batt	No	10.4179	0.2917	0.0280	7.11	0.2000	☐
272	Matl272	Panel with 7/16" panels	Yes	0.9044					☐
273	Matl273	Hollow core flush (1.375")	Yes	1.2777					☐
274	Matl274	Solid core flush (1.375")	Yes	1.7141					☐
275	Matl275	Panel with 7/16" panels (1.375")	Yes	1.0019					☐
276	Matl276	Hollow core flush (1.75")	Yes	1.3239					☐
277	Matl277	Panel with 1-1/8" panels (1.75")	Yes	1.7141					☐
278	Matl278	Solid core flush (1.75")	Yes	1.6500					☐
279	Matl279	Solid core flush (2.25")	Yes	2.8537					☐
280	Matl280	Fiberglass/Mineral wool core	Yes	0.8167					☐
281	Matl281	Paper Honeycomb core	Yes	0.9357					☐
282	Matl282	Solid Urethane foam core	Yes	1.6500					☐
283	Matl283	Solid mineral fiberboard core	Yes	1.7816					☐
284	Matl284	Polystyrene core (18 ga steel) 1	Yes	2.0071					☐
285	Matl285	Polyurethane core (18 ga steel) 2	Yes	2.5983					☐
286	Matl286	Polyurethane core (24 ga steel) 1	Yes	2.5983					☐
287	Matl287	Polyurethane core (24 ga steel) 2	Yes	4.1500					☐
288	Matl288	Solid Urethane foam core	Yes	4.1500					☐
81	Matl81	ASPHALT-ROOFING, ROLL	Yes	0.1500					☐
244	Matl244	PLYWOOD, 1/2IN	No	0.6318	0.0417	0.0660	34.00	0.2900	☐
185	Matl185	CLAY TILE, PAVER, 3/8IN	No	0.0301	0.0313	1.0410	120.00	0.2000	☐
82	Matl82	ASPHALT-SHINGLE AND SIDING	Yes	0.4400					☐
11	Matl11	2 in. Insulation	No	6.6800	0.1670	0.0250	2.00	0.2000	☐
47	Matl47	2 in. Heavyweight concrete	No	0.1670	0.1670	1.0000	140.00	0.2000	☐

95	Matl95	CONC BLOCK HW-4IN-HOLLOW	No	0.7107	0.3333	0.4690	101.00	0.2000	☐
248	Matl248	ROOF GRAVEL OR SLAG1/2IN	No	0.0500	0.0417	0.8340	55.00	0.4000	☐

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]	
1002	Aluminum door, 1.25 in. polystyrene	No	No	0.19	0.53	43.67	5.2104	☐

Layer	Material No.	Material	Thickness [ft]	Framing Factor	
1	264	ALUMINUM, 1/16 IN	0.0050	0.00	☐
2	214	POLYSTYRENE, EXP., 1-1/4IN,	0.1042	0.00	☐
3	264	ALUMINUM, 1/16 IN	0.0050	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]
1014	8"CMU/R-5 / Gyp	No	No	0.12	9.68	55.31	8.2334

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	105	CONC BLK HW, 8IN, HOLLOW	0.6667	0.00
2	11	2 in. Insulation	0.1670	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]
1046	Knee Wall/R-11 Batt	No	No	0.10	0.52	8.86	10.4533

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	12	3 in. Insulation	0.2500	0.00
2	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]
1047	Suspended Ceiling/R-19 Batt	No	No	0.05	0.99	9.11	20.4533

Layer	Material No.	Material	Thickness [ft]	Framing Factor
1	23	6 in. Insulation	0.5000	0.00
2	187	GYP OR PLAS BOARD,1/2IN	0.0417	0.00

COMMERCIAL LOAD CALCULATIONS

Air Conditioning Contractors of America

For: Name	Shilo Baptist Church		Phone	
Address				
City	Ft White	State & Zip	Fl.	
By: Contrac actor	Energy Design Systems		Phone	287-5339
Address	1065 Oakvale Rd			
City	Jacksonville	State & Zip	FL., 32259	

COOLING LOAD

1. DESIGN CONDITIONS			Time of Day	3 PM		Dly Range	19
Latitude	30	a.Inside db	72	RH	50		
b.Outside db		94	wb 77		Grains	49	
Otsid db @ 3pm		94 -	TOD corr			- inside db	72
Equals	22	T.D.	Daily Range Factor=			M	

2. SOLAR RADIATION HEAT GAIN THROUGH GLASS — COOLING LOAD

Exposure		Sq. Ft.		SolrFactr		Shading / GlasFactr		Sensible	NOTES
			X		X		=		
	N	73	X	19	X	0.95	=	1318	
	E	270	X	56	X	0.95	=	14364	
	S	96	X	48	X	0.95	=	4378	
	W	73	X	81	X	0.95	=	5617	
			X		X		=		
			X		X		=		
			X		X		=		

3. TRANSMISSION GAINS

Expos	xposure	Sq. Ft.		U Factor		Equiv or db Temp Diff		
Glass		512	X	1.06	X	22	=	11940
			X		X		=	
			X		X		=	
	Adj		X	0.09	X	20	=	
Walls	N	852	X	0.14	X	20	=	2386
	E	729	X	0.14	X	29	=	2960
	S	561	X	0.14	X	38	=	2985
	W	638	X	0.14	X	41	=	3662
Doors		84	X	0.58	X	16	=	773
			X		X		=	
Partition			X	0.05	X	20	=	
Knee Wall		555	X	0.09	X	20	=	999
Roof/Clng		7586	X	0.05	X	55	=	20862
Floors		356	X		X	22	=	
			X		X		=	

Use Table 9a to Determine the Temp. Dif. Across an RA Ceiling

4. INTERNAL HEAT GAIN

a. OCCUPANTS	Number		Sensible		Latent			Latent
	110	X	230			=	25300	
		X				=		
	110			X	170	=		18700
				X		=		

b. Lights & Others
NOTE:Use 60% of installed watts for lights in RETURN AIR CEILING

		Watts					
	Incandescnt		X	3.4	=		
	Flourescent	11740	X	4.1	=	48134	
HP							
Motors		Btuh		Usg Ftr			
			X		=		
			X		=		
Appliances						1500	500
Other							

5. INFILTRATION

Ft3/Min		db Temp Dif					
587	X	22	X	1.1	=	14205	
		Grains Diff					
587	X	49	X	0.68	=		19559

6. SUBTOTALS LOADS & SPACE LOADS

161381 38759

7. DUCT HEAT GAIN

Gain Factor		Line 6 Sensible			
0.1	X	161381	=	16138	

8. ROOM, SPACE OR DESIGN LOAD

Add Duct gain (7) to Subtotal (6) 177519

9. VENTILATION

Ft3/Min		db Temp Dif					
1100	X	22	X	1.1	=	26620	
		Grains Diff					
1100	X	49	X	0.68	=		36652

10. RETURN AIR LOAD FROM LIGHTING AND ROOF
NOTE: Use 40% of watts for lights recessed
in a return air ceiling

Incandescent	X	3.4 =	
Flourescent	X	4.1 =	

NOTE: Use 100% fo the roof load
for return air ceilings

(Roof Load)			
Sq. Ft.	U Factor	ETD*	
555 X	0.09 X		=

*(ETD correction based on plenum temp.)

11. TOTAL SENSIBLE LOAD ON EQUIPMENT (Btuh) =	204139	
TOTAL LATENT LOAD ON EQUIPMENT (Btuh)		75411
12. TOTAL COOLING LOAD ON EQUIPMENT (Btuh)	279550	
(Tons)	23.30	

PAGE FOUR
HEATING LOAD

13. DESIGN LOADS

Inside db		Outside db	b	Difference
72	-	32	=	40

14. TRANSMISSION LOSSES

	Exp.	Sq. Ft.		Factor		db Temp Diff		HEATING LOAD Heating Load
Windows		512	x	1.13	x	40	=	23142
			x		x		=	
			x	0.09	x		=	
Walls		852	x	0.14	x	40	=	4771
		729	x	0.14	x	40	=	4082
		561	x	0.14	x	40	=	3142
		638	x	0.14	x	40	=	3573
Roof/		7586	x	0.05	x	40	=	15172
Ceiling			x	0.05	x		=	
			x		x		=	
Floor		356	x	0.81	x	40	=	11534
Other			x		x		=	
			x		x		=	

15. INFILTRATION

Ft3/Min		db Temp Diff				
881	X	40	X	1.1	=	38742

16. SUBTOTAL HEATING LOAD FOR SPACE

104159

17. DUCT HEATING LOSS

Loss Factor		Line 14 Subtotal		
0.15	X	65417	=	9813

18. VENTILATION

Ft3/Min		db Temp Diff				
1100	X	40	X	1.1	=	48400

19. HUMIDIFICATION LOAD

Inside RH Desired ( ) Max ( )

Ft3/Min				Btu/Hr	
	/	100	X		=

(water) gal/day X (air) Ft3/Min / 100 =

20. TOTAL HEATING LOAD ON EQUIPMENT (Btuh) | 162371 |

(Tons) 13.53

ENERGY DESIGN SYSTEMS
1065 OAKVALE RD.
JACKSONVILLE FL. 32259
287-5339

Component Performance Method for Commercial Buildings

Form 400B-97

ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION
Florida Department of Community Affairs

FLA/COM-97 Version 2.2

PROJECT NAME Shiloh Baptist Church
ADDRESS: Fort White, Florida

OWNER: Shiloh Baptist Church
AGENT:

PERMITTING OFFICE: COLUMBIA COUNTY
CLIMATE ZONE: 3
PERMIT NO:
JURISDICTION NO: 221000

BUILDING TYPE: Assembly
CONSTRUCTION CONDITION: New construction
DESIGN COMPLETION: Finished Building
CONDITIONED FLOOR AREA: 6880 NUMBER OF ZONES: 1
MAX. TONNAGE OF EQUIPMENT PER SYSTEM: 8

COMPLIANCE CALCULATION:

METHOD B	DESIGN	CRITERIA	RESULT
ENVELOPE PERFORMANCE	64.34	73.49	PASSES
OTHER ENVELOPE REQUIREMENTS			PASSES
LIGHTING	17280.00	18576.00	PASSES
INTERIOR LIGHTING			PASSES
LIGHTING CONTROL REQUIREMENTS			
HVAC EQUIPMENT			
COOLING EQUIPMENT			
1. EER	8.90	8.90	PASSES
IPLV	8.30	8.30	PASSES
HEATING EQUIPMENT			
1. Et	0.00		N/A
AIR DISTRIBUTION SYSTEM INSULATION REQUIREMENTS			
1. Unconditioned Space	5.00	4.20	PASSES
REHEAT SYSTEM TYPES USED			
NO REHEAT SYSTEM is USED			
WATER HEATING EQUIPMENT			
PIPING INSULATION REQUIREMENTS			

COMPLIANCE CERTIFICATION:

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Efficiency Code.
PREPARED BY:
DATE: 5/10/01

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

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

I hereby certify(*) that the system design is in compliance with the Florida

Energy Efficiency Code.

SYSTEM DESIGNER REGISTRATION/STATE

ARCHITECT : _____

MECHANICAL: _____

PLUMBING : _____

ELECTRICAL: _____

LIGHTING : _____

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

==========

BUILDING ENVELOPE SYSTEMS

COMPLIANCE CHECK

401.------GLAZING--ZONE 1

Elevation	Type	U	SC	VLT	Shading	Area(Sqft)
South	Commercial	1.31	.8	.5	None	96
South	Commercial	1.31	.8	.5	None	176
East	Commercial	1.31	.8	.5	None	24
West	Commercial	1.31	.8	.5	None	96
	Total Glass Area in Zone 1 =					392
	Total Glass Area =					392

402.------WALLS--ZONE 1

Elevation	Type	U	Insul R	Gross(Sqft)
North	½"Ply/35/8"Mtl Std@24"oc/R11/½"G	.13	11	860
South	½"Ply/35/8"Mtl Std@24"oc/R11/½"G	.13	11	860
East	½"Ply/35/8"Mtl Std@24"oc/R11/½"G	.13	11	800
West	½"Ply/35/8"Mtl Std@24"oc/R11/½"G	.13	11	800
	Total Wall Area in Zone 1 =			3320
	Total Gross Wall Area =			3320

403.------DOORS--ZONE 1

Elevation	Type	U	Area(Sqft)
North	1-3/4 Steel Door-Solid Urethane foam co	0.40	63
East	1-3/4 Steel Door-Solid Urethane foam co	0.40	63
	Total Door Area in Zone 1 =		126
	Total Door Area =		126

404.------ROOFS--ZONE 1

Type	Color	U	Insul R	Area(Sqft)
Mtl Bldg Roof/R-19 Batt	Light	.051	19	6880
	Total Roof Area in Zone 1 =			6880
	Total Roof Area =			6880

405.------FLOORS-ZONE 1

Type	Insul R	Area(Sqft)
Slab on Grade/Uninsulated	0	6880
Total Floor Area in Zone 1 =		6880
Total Floor Area =		6880

406.------INFILTRATION

CHECK

Infiltration Criteria in 406.1.ABCD have been met.

MECHANICAL SYSTEMS

CHECK

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

407.------COOLING SYSTEMS

Type	No	Efficiency	IPLV	Tons
1. Air Cooled (>= 65,000 Btu/h	2	8.9	8.3	7.50

408.------HEATING SYSTEMS

Type	No	Efficiency	BTU/hr
1. Electric Resistance	2	0	30000

409.------VENTILATION

CHECK

Ventilation Criteria in 409.1.ABCD have been met.

410.-----AIR DISTRIBUTION SYSTEM---------- CHECK

Duct sizing and design have been performed. (410.1.ABCD)

	AHU Type	Duct Location	R-value
1.	Air Conditioners	Unconditioned Space	5

CHECK

Testing and balancing will be performed. (410.1.ABCD)

411.-----PUMPS AND PIPING-ZONE ----------

Basic prescriptive requirements in 411.1.ABCD have been met.

PLUMBING SYSTEMS

411.-----PUMPS AND PIPING-ZONE 1----------

Type	R-value/in	Diameter	Thickness

412.-----WATER HEATING SYSTEMS-ZONE 1----------

Type	Efficiency	StandbyLoss	InputRate	Gallons

ELECTRICAL SYSTEMS

CHECK

413.-----ELECTRICAL POWER DISTRIBUTION----------

Metering criteria in 413.1.ABCD have been met.

414.-----MOTORS----------

Motor efficiencies in 414.1.ABCD have been met.

415.-----LIGHTING SYSTEMS-ZONE 1----------

Space Type	No	Control Type 1	No	Control Type 2	No	Watts	Area(Sqft)
Preaching	1	On/Off	37			17280	6880

Total Watts for Zone 1 = 17280
Total Area for Zone 1 = 6880
Total Watts = 17280
Total Area = 6880

CHECK

Lighting criteria in 415.1.ABCD have been met.

16. Operation/maintenance manual will be provided to owner.(102.1)

PROJECT TITLE	:	Shiloh Baptist Church
BUILDING TYPE	:	Assembly
BUILDING LOCATION	:	COLUMBIA COUNTY
BUILDING AREA (ft²)	:	6880

BUILDING ANNUAL ENERGY USE

	DESIGN BUILDING (%)	BASELINE BUILDING (%)
HEATING ENERGY		
Electric Resistance	9.73	8.91
COOLING ENERGY		
Direct Expansion		35.22
Air Conditioner (PTAC)	17.69	
DOMESTIC HOT WATER ENERGY		
BUILDING MISCELLANEOUS		
Lights	33.61	36.13
Equipment	1.30	1.30
SYSTEM MISCELLANEOUS		
Fans	10.31	18.44
PLANT MISCELLANEOUS		
TOTAL ENERGY CONSUMPTION :	72.64	100.00

******* PASSES ******

PROJECT TITLE	:	Shiloh Baptist Church
BUILDING TYPE	:	Assembly
BUILDING LOCATION	:	COLUMBIA COUNTY
BUILDING AREA(ft2)	:	6880

BUILDING DESIGN :
Exterior Lighting Power 0 W

EXTERIOR LIGHTING CRITERIA:

AREA CODE	AREA DESCRIPTION	AREA OR LENGTH	ALLOWANCE WATTS
Exterior Lighting Power Allowance		0.00	W

**** Not Applicable ****

LIGHTING SYSTEM CONTROL REQUIREMENTS:

SPACE NO.	SPACE DESCRIPTION	SPACE AREA	NO. TASKS	CONTROLS TYPE 1	CONTROLS NO.	CONTROLS TYPE 2	CONTROLS NO.	TOTAL EQUIVALENT CONTROL POINTS DESIGN		CRITERIA
57	Preaching	6880.0	1	On/Off	37		0	37	>	11

******** PASSES ********

PROJECT TITLE : Shiloh Baptist Church
BUILDING TYPE : Assembly
BUILDING LOCATION : COLUMBIA COUNTY
BUILDING AREA(ft2): 6880

HVAC SYSTEM REQUIREMENTS:

Cooling System Type	Measure #1	Measure #2	Minim. #1	Minim. #2	System Eff.#1	System Eff.#2	Result for #1	Result for #2
Air Cooled.	EER,	IPLV	8.90	8.30	8.90	8.30	PASSES	PASSES

Heating System	Measure	Minimum Req.	Efficiency	Result
Ele. Resis.	Et		0.00	N/A

******** PASSES ********

AIR DISTRIBUTION SYSTEM INSULATION REQUIREMENTS:

Zone #	Duct Location	Minimum R-Value	Design R-Value	Result
1.	Unconditioned Space	4.20	5.00	PASSES

******** PASSES ********

PROJECT TITLE : Shiloh Baptist Church
BUILDING TYPE : Assembly
BUILDING LOCATION : COLUMBIA COUNTY
BUILDING AREA(ft2): 6880

WATER HEATING SYSTEM REQUIREMENTS

System Type	Measure	Minimum EF / Et	Maximum SL	Design EF / Et	Design SL	Result

**** Not Applicable ****

PIPING INSULATION REQUIREMENTS:

		Pipe Insulation Thickness(in)		
System Type	O.D.(in)	Minimum Req.	Design	Result

**** Not Applicable ****

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/m^2), 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
☐ ☐ 2 c) Stair construction/geometry and protection
☐ ☐ 3 d) Doors
☐ ☐ 4 e) Emergency lighting and exit signs
☐ ☐ f) Specific occupancy requirements
1. Construction requirements
2. Horizontal exits/exit passageways

Structural Requirements shall include:

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

6 **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
☐ ☐ 7 b) Accessible route
☐ ☐ c) Vertical accessibility
☐ ☐ 8 d) Toilet and bathing facilities
☐ ☐ e) Drinking fountains
☐ ☐ f) Equipment
☐ ☐ g) Special occupancy requirements
☐ ☐ h) Fair housing requirements

Interior Requirements shall include:

☐ ☐ 9 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:

☐ ☐ 10 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

11 **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
☐ ☐ 12 g) Duct systems
☐ ☐ h) Ventilation
☐ ☐ i) Combustion air
☐ ☐ j) Chimneys, fireplaces and vents
☐ ☐ k) Appliances
☐ ☐ l) Boilers
☐ ☐ m) Refrigeration
☐ ☐ 13 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**

☐ ☐ 14 **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:

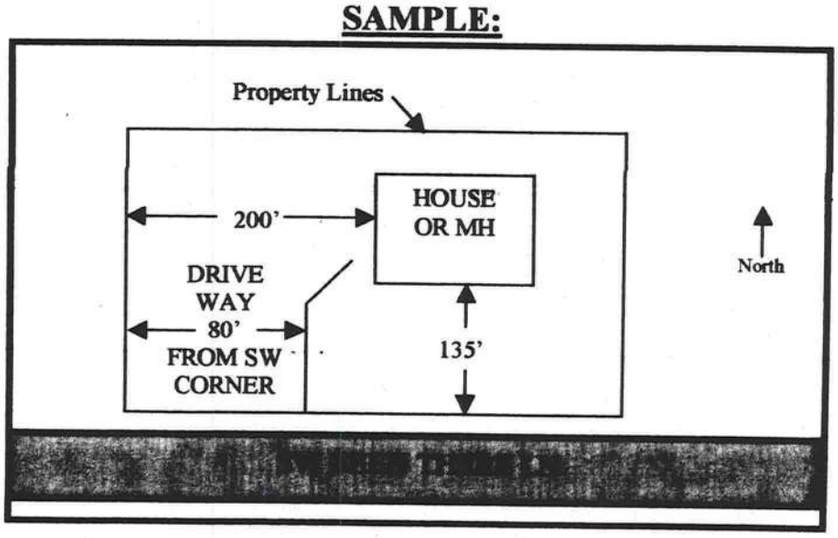
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

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.

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Jennifer Flinn
District No. 5 - Elizabeth Porter

Faxed
4-21-05

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

April 15, 2005

Adams & Adams
255 Silver Lake Road
Palatka, FL 32177
Project No. 01-007

Dear Mr. Frank Holas,

On the date of April 13, 2005 a plan review was conducted for Shiloh Baptist Church. Please provide information on the items below, so this department can proceed with the plans review process.

If I can be of assistance to you please contact me at 386-758-1163, my fax number is 386-754-7088.

Joe Haltiwanger, Plans Examiner
Columbia County Building & Zoning Department

JH/lh:

1. Provide construction detail of stairwell to baptistery area. Show tread and riser along with handrail and fire protection. Show elevation of stairs and total size. Show live load requirements for the baptistery unit. Show the flooring system for baptistery area.
2. Provide shop drawing or product approval for baptistery unit.
3. Provide product approval information on all doors within the one hour rated fire walls. Provide product approval of the latches on all exit doors from the sanctuary.
4. Show design of egress illumination to comply with section 1016 of 2001 FBC.
5. Provide product approval on all windows and fixed glass frames.
6. Show an entry accessible route including the ramp to building hardware on doors.
7. Show height details for the men and women restrooms to meet the handicap code of the 2001 FBC.
8. Provide fire rating of the ceiling and acoustical tiles.
9. Show load calculations for the electrical requirements.
10. Show compliance with section 607 of the 2001 FBC mechanical code (Fire dampers and Smoke detectors). Where air ducts penetrate through the one hour fire wall.

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Jennifer Flinn
District No. 5 - Elizabeth Porter

Faxed
4-21-05

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

April 15, 2005

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Joe Haltiwanger, Plans Examiner
Columbia County Building & Zoning Department

JH/lh:

Adams and Adams, Inc.
Designers/Planners of Christian Worship Facilities
255 Silver Lake Road
Palatka, FL 32177
386-328-4449

May 19, 2005

Mr. Joe Haltiwanger
Columbia County Building & Zoning
P.O. Box 1529
Lake City, Florida 32056

Dear Mr. Haltiwanger,

The following comments are offered in response to your letter dated April 15, 2005 relative to Shiloh Baptist Church at Fort White.

Item 1. The two stairwells to the baptistry will adhere, in all aspects, to the provisions of Chapter 16 of the 2001 Florida Building Code, with 2002 and 2003 revisions. The risers will be 7" and the treads will be 11". The number of risers will be determined by several factors, i.e., the final height of the pulpit platform (we're not sure at this time if this will be 21" or 28" above finish floor of the sanctuary), the configuration of the pre-engineered fiberglass baptistry unit, the finished eave height that we have to work with - allowing for sufficient head room in the storage room below, etc. You have my pledge, however, to provide your office with whatever degree of detail you require as we begin to answer these questions more fully. The stairs will conform to all provisions of the code.

Item 2. As soon as the baptistry unit is ordered and shop drawings are received, copies will be immediately forwarded to your office.

Item 3. All rated doors will bear appropriate certification labels on the jambs for your inspection.

Item 4. All exit lighting and emergency lighting will comply with section 1016, and will be available for your inspection prior to installation.

Item 5. All windows and fixed glass product information relative to installation instructions, product certification, etc. will be provided to your office prior to installation.

Item 6. A minimum of one (1) entry will comply with all handicap accessibility ramp provisions, and will comply with the 1/12 maximum rise stipulation.

Item 7. All handicap mounting height provisions of the men's and women's restrooms will be met. (see sheet A-4) This will also apply to drinking water fountains.

Item 8. The exit corridors are to be one-hour rated, to be accomplished via UL Design #U 305 for wood studs, or UL Design #U 419 for metal studs. All product information for the acoustical ceiling tile in other areas of the building will be forwarded to your office.

Item 9. Load calculations are shown for the 400 amp main panel on sheet E-1. Load calculations for the secondary panel on sheet E-2 will be promptly provided to your office immediately following the selection of lighting fixtures by the church committee.

Item 10. The mechanical sub-contractor awarded this job will comply totally with all provisions of the Florida Mechanical Code, section 607 as well as all other applicable sections. Duct smoke detectors will be installed in all units required by code. Penetrations through rated walls will meet the appropriate code provisions.

Our intention, including the general contractors, Dave Outten and Roger Duffield, is to be fully cooperative with your office and to get this facility built, fully complying with, if not exceeding, all governing provisions of all applicable codes and regulations. This church will be a valuable asset to Columbia County.

Thank you for your cooperation.

Sincerely,

Aldon C. Adams

copy: Mr. Dave Outten
Mr. Roger Duffield
Pastor Mark Driskell

Adams and Adams, Inc.
Designers/Planners of Christian Worship Facilities
255 Silver Lake Road
Palatka, FL 32177
386-328-4449

May 19, 2005

Mr. Joe Haltiwanger
Columbia County Building & Zoning
P.O. Box 1529
Lake City, Florida 32056

Dear Mr. Haltiwanger,

The following comments are offered in response to your letter dated April 15, 2005 relative to Shiloh Baptist Church at Fort White.

Item 1. The two stairwells to the baptistry will adhere, in all aspects, to the provisions of Chapter 16 of the 2001 Florida Building Code, with 2002 and 2003 revisions. The risers will be 7" and the treads will be 11". The number of risers will be determined by several factors, i.e., the final height of the pulpit platform (we're not sure at this time if this will be 21" or 28" above finish floor of the sanctuary), the configuration of the pre-engineered fiberglass baptistry unit, the finished eave height that we have to work with - allowing for sufficient head room in the storage room below, etc. You have my pledge, however, to provide your office with whatever degree of detail you require as we begin to answer these questions more fully. The stairs will conform to all provisions of the code.

Item 2. As soon as the baptistry unit is ordered and shop drawings are received, copies will be immediately forwarded to your office.

Item 3. All rated doors will bear appropriate certification labels on the jambs for your inspection.

Item 4. All exit lighting and emergency lighting will comply with section 1016, and will be available for your inspection prior to installation.

Item 5. All windows and fixed glass product information relative to installation instructions, product certification, etc. will be provided to your office prior to installation.

Item 6. A minimum of one (1) entry will comply with all handicap accessibility ramp provisions, and will comply with the 1/12 maximum rise stipulation.

Item 7. All handicap mounting height provisions of the men's and women's restrooms will be met. (see sheet A-4) This will also apply to drinking water fountains.

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Thank you for your cooperation.

Sincerely,

Aldon C. Adams

copy: Mr. Dave Outten
Mr. Roger Duffield
Pastor Mark Driskell

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 13-7S-16-04199-000

Building permit No. 000023197

Use Classification CHURCH

Fire: 0.00

Permit Holder ELDRIDGE DAVID OUTTEN

Waste: 0.00

Owner of Building SHILOH BAPTIST CHURCH

Total: 0.00

Location: 173 SW SHILOH STREET

Date: 02/03/2006

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

23197

173 SW Shiloh St.
Ft. White, FL 32038
386-454-4978
Pastor: Mark Driskell

Shiloh Baptist Church

January 30, 2006

Columbia County Zoning and Building Department
Lake City, FL

Attn: Mr. Harry Dicks

This letter is to inform you that we, the congregation of Shiloh Baptist Church, Ft. White, Florida hereby do agree to have handicap pad, as well as bathroom stalls installed within the agreed upon time limit of six-months.

Thank you for your cooperation in granting us our final CO.

Respectfully,

Mark Driskell
Pastor

Welcome in the name of Jesus

LAKE CITY / COLUMBIA COUNTY
FIRE - RESCUE

225 NW Main Blvd., Suite 101, Lake City, FL 32055
Phone: 386-752-3312 Fax: 386-758-5424
e-mail: lcfd@se.rr.com
alwilson@se.rr.com (Fire Chief)

Alphonso Wilson
Fire Chief

Inspection Division

Firesafety Inspectors

Carlton A. Tunsil
Assistant Fire Chief

Frank E. Armijo
Captain

Nathiel L. Williams, Sr.
Driver/Engineer

23197

TO: Roger W. Duffield

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

DATE: 1/6/06

SUBJECT: Fire Safety Inspection

A fire safety inspection was performed today at Shiloh Baptist Church located at 173 Shiloh St. ft. white, FL. 32038 This Assembly Hall only meets all requirements of Chapter 32 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

#23197

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.: 05-164
DATE TESTED: 06/21/05
DATE REPORTED: 06/23/05

REPORT OF IN-PLACE DENSITY TEST

PROJECT:	Shiloh Baptist Church, New Santuary, Fort White, Florida
CLIENT:	Shiloh Baptist Church, 209 SW Shiloh St., Fort White, Florida 32038
GENERAL CONTRACTOR:	Roger Duffield, PO Box 633, Wellborn, Florida 32094
EARTHWORK CONTRACTOR:	Roger Duffield
INSPECTOR:	Clay Allen

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	25' NW from SE Corner of Pad	0-12"	114.2	5.8	107.9	1	108.3	99.7%
2	30' NE from SW Corner of Pad	0-12"	114.7	5.3	108.9	1	108.3	100.6%
3	15' SW from NE Corner of Pad	0-12"	115.0	6.2	108.3	1	108.3	100.0%
4	27' SE from NW Corner of Pad	0-12"	117.6	6.6	110.3	1	108.3	101.9%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS

PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft^3)	OPT. MOIST.	TYPE
1	Medium Tan Sand	108.3	12.0	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer

Linda M. Creamer
President - CEO

Reviewed By:

Date: 6/23/05
Florida Registration No: 52612

ta

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"

Notice of Treatment 39761

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 116 NW 16 Ave
City Gville Phone 376-2661

Site Location: Subdivision
Lot # Block# Permit # 23197
Address 173 SW Shiloh St.

Product used	Active Ingredient	% Concentration
☒ Dursban TC	Chlorpyrifos	0.5%
☐ Termidor	Fipronil	0.06%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☒ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Church-MB	7338		233.8

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

6-21-05 Date | 12:35 Time | Josh M. Print Technician's Name

Remarks:

Applicator - White Permit File - Canary Permit Holder - Pink

6/04 ©

Notice of Treatment 39761

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 116 NW 16th Ave
City GAINESVILLE Phone 376-2661

Site Location: Subdivision
Lot # Block# Permit # 23197
Address 173 SW SHILOH ST FT WHITE.

Product used	Active Ingredient	% Concentration
☑ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☑ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
PERIMETER		235	47

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line BE.

1/5/06	11 30	BILL E.
Date	Time	Print Technician's Name

Remarks:

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©